SUPPLEMENTAL SITE INVESTIGATION REPORT and REMEDIAL ACTION PLAN

K&W MANUFACTURING
8619 WEST LYNX AVENUE
MILWAUKEE, WISCONSIN

K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

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8619 WEST LYNX AVENUE
MILWAUKEE, WISCONSIN

BRRTS # 02-41-279720

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KPRG Project No. 15807.3

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1.0 INTRODUCTION

1.1 Background

The subject site is located at 8619 West Lynx Avenue, Milwaukee, Wisconsin. The Property is located in the SE ¼ of the NW ¼ of Section 28, Township 8 North, Range 21 East. A copy of the U.S. Geological Survey topographic map showing the general site location and an overall site map with previous site investigation boring and well locations are provided as Figures 1 and 2, respectively.

The subject property is currently occupied by K&W Manufacturing, Inc. (K&W), a welding/machining facility which was purchased by Mr. Greg Krieger circa 1979. It is noted that Mr. Krieger has since sold the business, however, retained ownership of the land and the current environmental responsibility. Prior use of the facility was as a laundry and dry cleaning chemical supply/distribution warehouse owned and operated by Carman Conley, Inc. Once the building was purchased from Carman Conley, K&W expanded the structure to the east, in the area that was formerly the receiving dock used by the previous owner. The facility is a one story, slab on grade structure, with approximately 20' ceilings, and two large overhead doors, one on the north side of the building and one on the south side of the building.

1.2 Contact Information

Responsible Party
The current property owner and responsible party is:

Mr. Greg Krieger
15155 Carpenter Road
Brookfield, WI 53005
Phone No: 414-353-7910

Environmental Consultant
The environmental consulting contact for this project is:

KPRG and Associates, Inc.
14665 West Lisbon Road, Suite 2B
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Contact: Mr. Richard R. Gnat, P.G.
Phone No: 262-781-0475

1.3 Previous Site Investigation

As part of site investigation activities on the former Key Products facility located at 8627-8633 W. Lynx Avenue (adjacent to the west side of the subject site), samples were collected on the K&W property with elevated perchloroethene (PCE), also known as tetrachloroethene, concentrations. Based on these results and the known

historical site use of the property, the WDNR issued a Responsible Party (RP) letter to K&W Manufacturing and subsequently assigned a BRRTS activity number of 02-41-279720.

KPRG and Associates, Inc. (KPRG) was contracted by K&W to assist with completing a site investigation and remediation, as necessary, to comply with WDNR requirements. As such, and due to the time elapsed since any site work has been performed, KPRG developed a phased approach to the site investigation. The objective of the initial site investigation work was to provide a current conditions data set for site soils to define the suspect source area and nature and extent of impacts. KPRG submitted a Draft Initial Site Investigation Report dated August 30, 2007 to the WDNR for review. Based on the results of the report, the following conclusions were forwarded:

- Based on previous site investigation work for the adjacent property to the west (which included some wells on the K&W property), depth to groundwater is generally three to five feet bgs. Groundwater flow is to the south-southwest. A deeper piezometer screened at a depth of 30 feet bgs was noted to be dry suggesting that the shallow groundwater system is perched. The southern most wells installed during the previous investigation, and which were sampled in 2000, indicate that dissolved phase volatile organic compound (VOC) impacts extend to at least the southern most wells installed. Completion of a groundwater investigation still needs to be addressed.

- Soil beneath the southern half of the K&W facility has been impacted by VOCs; primarily PCE and its degradation products.

- Polyaromatic hydrocarbons (PAHs) and metals do not appear to be an issue with the exception of ubiquitous low levels of arsenic. The levels of arsenic detected in site soils may be within the natural background range for this area and are not uncommon for soils in the Milwaukee area.

- The source of PCE impacts are related to historic spillage associated with prior use of the facility as a laundry and dry cleaning chemical supply/distribution warehouse owned and operated by Carman Conley, Inc. K&W has never used PCE in their operations. Therefore, there is no ongoing release source. The primary residual impact source area is in the vicinity of soil boring SB-5 located within the southeast portion of the building. This part of the building was added-on by K&W and extends over a former loading dock previously used by Carman Conley.

- The areal extent of soil impacts has been generally defined to the north (SB-1), east (SB-3) and west (former KP property study which reportedly included a removal action). The extent of soil impacts to the south extends off-site and has not been completely defined.

- There is evidence from both the saturated zone soil sampling as well as the groundwater sampling data from the previous 2000 investigation work that natural attenuation of dissolved phase groundwater impacts is occurring within the perched water system.

- The vertical extent of impacts within the suspect source area extends to at least 15 feet bgs and needs to be further defined.

- The direct contact/ingestion exposure pathway for soil impacts is not complete since no near surface (less than four feet bgs) samples indicated any SSRCL exceedances.

- The groundwater ingestion exposure pathway is not complete since the property is within the City of Milwaukee which is supplied by municipal water obtained from Lake Michigan.

- The groundwater discharge to surface water exposure pathway is believed not to be complete due to the distance of the site from the nearest surface water receptor.

- The runoff discharge to surface water pathway is not complete due to the distance of the site from the nearest surface water receptor.

- The vapor intrusion exposure pathway is not believed to be an issue at this site due to the existing air circulation/venting system operating at the K&W facility.

- Underground utilities do not appear to be a source of contaminant distribution at this site.

The WDNR issued a summary reply letter dated April 7, 2009. As a result of the WDNR review of the report, KPRG performed the additional site investigation activities outlined in the WDNR letter. This Supplemental Site Investigation Report documents the work performed.

2.0 DOCUMENTATION OF FIELD ACTIVITIES

The second phase of site investigation included the completion of soil sampling/definition work as requested by the WDNR and the expansion of the groundwater investigation. As part of the supplemental site investigation work, KPRG collected soil samples from soil borings and installed and sampled groundwater monitoring wells. The field and sampling activities are documented below.

2.1 Soil Borings

A total of nine soil borings were advanced on and off the property. Six borings (SB-15, SB-16, SB-17, MW-8, MW-9 and PZ-2) were advanced on the property and three borings (MW-10, MW-11 and MW-12) were advanced off the property as shown on Figure 3.

Interior and exterior borings were advanced using a track-mounted, portable geoprobe which utilizes a hydraulically driven, direct push sampling technique. Soil sample core from the borings were obtained on a continuous basis, screened in the field for total volatile organic vapors using a photo ionization detector (PID) and visually logged using the United Soil Classification System (USCS). Copies of soil boring logs and associated field screening measurements are provided in Appendix A. Upon completion of soil sampling, borings SB-15, SB-16 and SB-17 were abandoned by placing granular bentonite down hole to the surface and hydrated. Borehole abandonment forms are included in Appendix A. The remaining borings MW-8 through MW-12 and PZ-2 were over-drilled for monitoring well construction which is documented below.

Based on the WDNR approved work plan and the results of the field screening, a total of 19 soil samples were collected and analyzed, including a waste profile sample. The waste profile sample was collected in anticipation of soil cutting disposal and analyzed for Wisconsin Protocol A modified as outlined by Waste Management. The remaining samples were analyzed as follows:

Samples analyzed for VOCs include: SB-15 4', SB-15 13-14', SB-16 4', SB-16 14-15', SB-17 4', SB-17 14-15', MW-8 5-6', MW-9 21-22', MW-9 29-30', MW-10 2', MW-10 7', MW-11 2', MW-11 6', MW-12 4-5' AND PZ-1 5-6'.

Samples analyzed for total Resource Conversation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) include: MW-8 2-3', MW-10 2', MW-10 7', MW-11 2', MW-11 6', MW-12 0-2', AND PZ-2 3-4'.

Samples analyzed for PAHs include: MW-8 2-3' AND PZ-2 3-4'.

The samples were transferred directly into laboratory prepared containers and placed on ice. The samples were transported under a completed Chain-of-Custody (COC) to Test America laboratory for analysis.

2.2 Monitoring Well Installation/Groundwater Sampling

2.2.1 Monitoring Well Installation

Five shallow monitoring wells (MW-8, MW-9, MW-10, MW-11 and MW-12) and one deep monitoring well (PZ-2) were installed at locations shown on Figure 3. Wells MW-10, MW-11 and MW-12 were placed down-gradient, off-site, on properties along Kaul Avenue, to assist in defining the lateral extent of groundwater impacts. The borings were drilled using the hollow stem auger drilling method. The shallow wells extended to approximately 15 feet below ground surface (bgs) and the deep well extended to 35 feet bgs. Completed well construction summaries are provided in Appendix A.

Once the target depth was reached, each well was constructed of 2-inch inner-diameter, schedule 40, PVC casing, with 10-feet of 0.010-inch factory slot screen for the shallow wells and 5-feet of screen for the deep well. Each well was completed by placing a 10/20 gradation of silica sand filter pack to approximately one foot above the top of the screen followed by approximately one foot of fine sand (100 sieve). A minimum 2-foot bentonite pellet seal was placed and hydrated atop the filter sand. The remainder of the annulus was filled with granular bentonite. All surface completions were flush mount well vaults anchored with concrete. All drill cuttings were containerized in labeled 55-gallon drums and temporarily staged on the property for subsequent proper disposal.

Monitoring wells were developed using the purge and bail method. Purging continued until a minimum of five casing volumes of water were removed or until field parameters of pH, specific conductance and temperature showed stable conditions. Purge water was also containerized in labeled 55-gallon drums for subsequent proper disposal.

Following development, a subset of wells was tested for hydraulic conductivity (see Section 2.2.3). The monitoring wells were surveyed in by a Wisconsin licensed surveyor. The survey data are provided in Appendix B.

2.2.2 Monitoring Well Groundwater Sampling

Groundwater samples were collected from twelve shallow monitoring wells, including the newly installed monitoring wells. The deep wells, PZ-1 and PZ-2, were dry and therefore were not sampled. The following procedures were used to sample wells:

- The water level elevation was measured using an electronic water level probe. These measurements are summarized in Table 1.

- Initial groundwater measurements of dissolved oxygen (DO) and oxidation-reduction potential (ORP) were obtained down-well.

- Three casing volumes of water were purged from the well using a dedicated bailer at which point field parameter measurements of pH, specific conductivity and temperature were initiated. Purging continued until stable conditions were documented. If the well bailed dry before three casing volumes could be purged, the well was allowed to recover at which point field parameter measurements were initiated.

- Post purging groundwater measurements of dissolved oxygen (DO) and oxidation-reduction potential (ORP) were obtained down-well when possible and continued until conditions stabilized.

- Samples were collected for analysis with dedicated bottom filling bailers. The water was transferred directly into laboratory prepared containers, preserved as necessary, and placed on ice.

- One duplicate sample per round was collected for quality assurance/quality control purposes as specified in the Work Plan. All samples were transported under a completed COC and delivered to Pace Analytical Services, Inc. for analysis.

2.2.3 Slug Tests

Slug tests were performed on four monitoring wells (MW-2, MW-3, MW-5 and MW-10) to provide an estimate of aquifer hydraulic conductivity in the vicinity of each screened interval. The water levels were recorded in all wells prior to initiating the tests. A water level transducer (In-Situ Mini-Troll) was placed down-hole and the slug, constructed with 4 feet of solid PVC and a loop fitting attached to a rope, was then placed down the well to displace water upward in the casing. The top of the slug was placed approximately one foot below initial depth to water. Immediately prior to the introduction of the slug, the transducer was activated and water level measurements were recorded as the displaced water column re-equilibrated to static, or near static conditions. At the end of the test, when the water level returned to near static conditions, the transducer test was stopped and the readings ceased. The test was then repeated to completion as described above by removing the slug from the well thereby dropping the water level in the casing. The data was entered into AQTESOLV for Windows Version 3.0 for solution calculation using the Bouwer and Rice (1979) method. Data from the slug-out tests and their solution curves are included into Appendix C and are discussed in Section 3.3.

3.0 PHYSICAL CONDITIONS

3.1 Geology

KPRG reviewed the United States Geological Survey (USGS) 7.5-minute series topographic quadrangle map for Menomonee Falls, Wisconsin, which includes the subject property. According to the topographic map, the subject property is depicted as being basically flat with an approximate elevation of 740 feet above mean sea level (Figure 1).

The regional geology consists of unconsolidated glacial overburden which overlies Silurian age dolomite bedrock and Ordovician age Maquoketa Shale. Depth to bedrock in the vicinity of the site is between 40 and 140 feet bgs (SEWRPC, Tech Rpt. 37, June, 2002). Beneath the Maquoketa Shale are the Galena Dolomite and Ordovician St. Peter Sandstone units which form the primary groundwater aquifers for large municipal and industrial uses in the area.

KPRG submitted geologic cross-sections based on site specific boring log data in our Initial Site Investigation Report dated 8/30/07. The surface material consists of approximately one foot of tan gravel road base material. There is also an asphalt parking lot area on the north side of the building and the structure itself. These are underlain by brown and dark brown silty clay with some sand that locally has a layer of organic black clay with rootlets and silt. Beneath this layer is brown clay with some gray mottling, little sand and a trace of gravel which grades to the east into brown and tan sand and silt. The layer at the bottom of the extent drilled is gray clay with some local brown and brown mottling.

3.2 Hydrogeology

Water level measurements are summarized on Table 1. The water table beneath the facility generally occurs from approximately 2 to 5 feet bgs. Depth to groundwater at well MW-11, down-gradient and off-site, is approximately 6 feet bgs. The depths to water at MW-1 range from approximately 3 to 11 feet bgs (the 11 foot bgs reading was after well installation/development and not representative of static conditions) and piezometers PZ-1 and PZ-2 were dry suggesting that the shallow groundwater encountered is actually a perched water system. Near surface groundwater flow appears divergent with flows to the northwest and to the southwest. The flows are apparent on the water table contour map shown on Figure 4. The horizontal hydraulic gradient across the site generally ranges from 0.029 ft/ft to 0.083 ft/ft.

As noted in Section 2.2.3, single well slug tests were performed to obtain estimates of formation hydraulic conductivity. The results of the single well tests are included in Appendix C. The hydraulic conductivity in the shallow wells ranged from 1.148×10^{-4} cm/sec at MW-10 to 7.362×10^{-4} cm/sec at MW-5.

Assuming a horizontal hydraulic gradient ranging from 0.029 ft/ft to 0.083 ft/ft, a hydraulic conductivity range from 1.148×10^{-4} cm/sec to 7.362×10^{-4} cm/sec, and an effective porosity of 0.35 for silty clay till materials (Fetter, 1980; Freeze and Cherry, 1979), the groundwater seepage velocity is estimated, using the Darcy equation, to range from 9.51×10^{-6} cm/sec (approximately 1.7×10^{-2} ft/day) to 1.75×10^{-4} cm/sec (approximately 0.5 ft/day).

4.0 DATA SUMMARY AND INTERPRETATIONS

4.1 Soil Sample Data

As part of this phase of site investigation, eighteen (18) soil samples were collected from the nine soil borings advanced. Boring locations are shown on Figure 3. Soil sampling intervals were partially outlined in the April 7, 2009 WDNR letter and determined in the field based on PID field screening data to assist in defining the horizontal and vertical extent of impacts. As noted in Section 2.1, samples were analyzed for a combination of VOCs, RCRA metals and PAHs. Data packages from this phase of the site investigation are provided in Appendix D. The data are discussed separately below. For purposes of discussion, the soil samples from the previous investigations are included from this point forward in the report.

4.1.1 VOC Soil Data

The complete site investigation VOC soil data are summarized in Table 2 which includes only the detected compounds. All other VOCs not included in the table were not detected in any of the samples analyzed during this investigation to date. Full analytical data packages for the most recently collected samples are provided in Appendix D. Soil Screening Residual Cleanup Levels (SSRCLs) were calculated for both the soil ingestion (direct contact) and the soil-to-groundwater exposure pathways during the previous phase of this investigation and are herby incorporated into this report.

A review of the VOC data in Table 2 indicates that no sample result from any of the off-site boring samples exceeded the laboratory reporting limit for any VOC.

A review of the on-site sample data indicates that PCE was detected in 10 of the 15 samples analyzed. Five soil sample results (SB-16 4' of 0.0626 mg/kg, SB-17 4' of 0.269 mg/kg, MW-8 5-6' of 0.334 mg/kg, MW-9 29-30' of 0.992 mg/kg and PZ-2 5-6' of 1.840 mg/kg) exceeded the soil-to-groundwater SSRCL of 0.016 mg/kg and five results (SB-15 4' of 167 mg/kg, SB-15 13-14' of 130 mg/kg, SB-16 14-15' of 3,370 mg/kg, SB-17 14-15' of 2,300 mg/kg and MW-9 21-22' of 141 mg/kg) exceeded the ingestion pathway SSRCL of 55 mg/kg. Only one of the samples that exceeded the ingestion pathway SSRCL (SB-15 4') was located within the upper 4 feet of soil. This sample is located under the existing building. The remaining ingestion pathway exceedances were from soil samples collected from within the saturated zone. As a result, the PCE impacts remaining on the property are either currently under an engineered barrier or within saturated zone soils. No other VOC sample results exceeded an ingestion pathway SSRCL.

The soil-to-groundwater pathway SSRCL for cis-1,2-Dichloroethene (0.13 mg/kg) was exceeded in four soil samples (SB-15 4' of 3.41 mg/kg, SB-15 13-14'of 29 mg/kg, SB-16 4' of 2.57 mg/kg, and MW-9 21-22' of 8.92 mg/kg) and the soil-to-groundwater pathway SSRCL for trans-1,2-Dichloroethene (0.27

mg/kg) was exceeded in just one soil sample (SB-17 4' of 0.275 mg/kg). Each of these compounds is a degradation product of PCE.

Vertical profiling in the source area indicates that the extent of impacts have been defined with boring MW-9, advanced adjacent to boring SB-5. A sample from SB-5 at 12-15' had a PCE concentration of 3,600 mg/kg. The concentrations begin to decrease from this sample downward, as evident in the sample collected at the 21-22' with a result of 141 mg/kg and at the 29-30' interval with a result of 0.992 mg/kg.

An areal distribution map for PCE, TCE and cis-1,2-DCE in soils is provided on Figure 5. The highest PCE concentration of 3,600 mg/kg was detected at sample location SB-5 at a depth of 12 to 15 feet. This distribution suggests that the main source area of residual PCE remains on-site, under the floor slab.

4.1.2 PAH Soil Data

Table 2 contains the PAH soil data for the entire investigation. A review of the PAH soil data in Table 3 indicates that there were no exceedances of any industrial exposure guidelines for any of the soil samples analyzed. PAHs do not appear to be an issue at this site. The results from sample MW-8 2-3' indicate that the only detection was for naphthalene at 3.6J ug/kg. The results from sample PZ-2 3-4' indicates that only fluoranthene, naphthalene and pyrene were detected at 1.3J, 4.1J and 1.2J ug/kg respectively. The J flag represents the result was below the laboratory reporting limit. These results are consistent with previous sampling in the fill material existing at this location. Based on this data it is believed that all PAH parameters have been sufficiently defined vertically and horizontally with no guideline exceedances.

4.1.3 RCRA Metals Soil Data

The RCRA metals analytical data is presented in Table 4. SSRCLs were again calculated for metals without existing RCLs and discussed in the previous reports and are hereby included. The results of the additional sampling are consistent with the initial phase of soil sampling. Arsenic impacts were ubiquitous and detected in all soil samples collected. The concentrations ranged from 2.4 mg/kg at location MW-10 7' to 8.2 mg/kg at location MW-8 2-3'. These results exceeded the WDNR 720 industrial standard of 1.6 mg/kg. It is noted, however, that the arsenic concentrations detected are within the previously defined range of arsenic concentrations at this site and may be within the background range for this area which is not uncommon for soils in the Milwaukee area.

4.2 Groundwater Sample Data

As part of this site investigation, two quarterly rounds of groundwater samples were collected from twelve monitoring wells (MW-1 through MW-12). As stated above, the deep wells, PZ-1 and PZ-2, were dry and therefore were not sampled. The samples collected were analyzed for VOCs, PAHs and dissolved RCRA metals. The first round of samples were additionally analyzed for natural attenuation parameters dissolved gases (methane, ethane, ethane), Sulfate and Total Organic Carbon (TOC). The detected analyte data are summarized on Tables 5, 6 and 7. The tables also include NR140 Enforcement Standard (ES) and Preventative Action Limits (PALs) for comparison purposes. The analytical data packages are provided in Appendix D. Based on a review of the tabulated data, the following observations are made relative to NR 140 standards exceedances:

4.2.1 VOC Groundwater Data

Groundwater VOC analytical results are summarized in Table 5. There were no ES exceedances of any standard for the most recent round of samples collected in off-site wells MW-10 through MW-12. There were no detections in the most recent round for any VOCs in samples at MW-11 or MW-12. The PAL was exceeded in MW-10 for cis-1.2-DCE and TCE. PCE and TCE impacts exceed the ES for all on-site wells except the upgradient well MW-8 where values were not detected for any VOC parameter. A groundwater box-plot contaminant distribution summary map for is included as Figure 6.

4.2.2 PAH Groundwater Data

Groundwater PAH analytical results are summarized in Table 6. All on-site PAH data were below the laboratory reporting limits for all parameters. The only ES exceedance in the on-site wells was for dibenz(a,h)anthracene in samples MW-4, MW-6 and MW-7. All PAH data for MW-10 and MW-12 were below the laboratory reporting limits for all parameters. The only ES exceedance in MW-10 was for indeno(1,2,3-cd)pyrene and the only ES exceedance in MW-12 was for dibenz(a,h)anthracene. The most recent sample collected from MW-11 exceeded the PAL for benzo(a) anthracene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene. It is noted that all these are tentative, estimate detections since the concentrations reported are below quantifiable, laboratory detection limits.

4.2.3 Dissolved Metals Groundwater Data

Groundwater metals analytical results are summarized in Table 7. The ES was not exceeded in any sample collected for any of the metals analyzed. All metals data were below the laboratory reporting limits for all parameters. The only parameter that exceeded the PAL was arsenic in samples MW-3, MW-8, MW-9, MW-10 and MW-11. Since the levels are consistent through out the area, both up-gradient and down-gradient, it is believed that these values are reflective of background and not associated with any activities on the property or surrounding properties.

5.0 EXPOSURE PATHWAY EVALUATION

5.1 Direct Contact/Ingestion

There were no direct contact/ingestion VOC or PAH exceedances for near surface soil samples collected from depths of four feet or less. Arsenic impacts were ubiquitous in all samples ranging from 1.4 mg/kg to 5.6 mg/kg some of which exceeded the WDNR 720 industrial standard of 1.6 mg/kg. It is noted, however, that the range of arsenic detected in site soils may be within the natural background range for this area and is not uncommon for soils in the Milwaukee area. Based on the data presented, this pathway does not appear to be an issue at this site.

5.2 Potential Migration to Groundwater Pathway

The initial site investigation data documented near surface groundwater beneath the site has been impacted by past activities. The groundwater exposure pathway can be completed by either direct ingestion of impacted groundwater or via discharge to a surface water body. Each of these groundwater pathways are discussed below.

5.2.1 Direct Ingestion of Impacted Groundwater

The site is within the City of Milwaukee which obtains its potable water from Lake Michigan. Therefore, there are no direct contact/ingestion groundwater receptors.

5.2.2 Discharge of Impacted Groundwater to Surface Water

Based on the most recent round of groundwater elevations collected, groundwater flow beneath the area appears divergent with flows to the southeast and northeast. There is no surface water receptor for more than 2 miles south of the site. It is not believed that this migration pathway is an issue for this site. It is noted, however, that the extent of groundwater impacts has not yet been defined to the northwest and will need to be completed to fulfill site investigation requirements (see Section 6.0).

5.3 Surface Water Pathway

The nearest potential surface water receptor is defined in Section 5.2.2 above. As discussed in that section, it is not anticipated that this pathway will be complete due to distance from the site and, therefore, this pathway is not believed to be an issue.

5.4 Air/Vapor Migration Pathway

A soil sample collected from a location beneath the north side of the building (location SB-2) did not detect any VOCs. Soil samples collected from beneath the southern portion of the K&W building (locations SB-4 and SB-5) indicated detections of elevated concentrations of PCE at depth. The detection of elevated levels of VOCs beneath the building floor slab may result in a potential vapor migration pathway into

the building. It is noted, however, that the building has a large air space volume due to its 20-foot high ceilings. In addition, there is an active air circulation and venting system that is used to remove/vent smoke from welding operations and mists from metal cutting/grinding operations. The circulation and venting system consists of a 100 bag baghouse (10 foot bags) with a 20 horse power motor and a 30-inch fan. This system draws air from the outside of the southwest side of the building, pipes it through the building and blows it into the building at the northeast corner. The air is then circulated through the facility and is captured/vented by an exhaust vent on the west side of the building. This system provides for six complete air volume exchanges per hour which is more than sufficient to mitigate this potential exposure pathway.

5.5 Underground Utilities

Utilities are shown on Figure 2. Water and sewer both enter the property from the north off of Lynx Avenue. Electric enters the property via overhead lines from the south. The utility locate did not indicate any buried communication lines. Based on the known distribution of impacts which is primarily associated with the south side of the site (where utilities are overhead), it does not appear the underground utilities are an issue with respect to potential preferential migration pathways.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

Based on the data and information/discussion provided above, the following conclusions are forwarded:

- Site geology generally consists of brown and dark brown silty clay with some sand that locally has a layer of organic black clay with rootlets and silt. Beneath this layer is brown clay with some gray mottling, little sand and a trace of gravel which grades to the east into brown and tan sand and silt. The layer at the bottom of the extent drilled is gray clay with some local brown and brown mottling.

- There is a perched groundwater system beneath the site. Top of the perched water table generally ranges from 2 to 5 feet bgs.

- Shallow groundwater flow is to the southwest and northwest (see Figure 4)

- The lateral and vertical extent of VOC impacts has been defined. The source of PCE impacts are related to historic spillage associated with prior use of the facility as a laundry and dry cleaning chemical supply/distribution warehouse owned and operated by Carman Conley, Inc. K&W has never used PCE in their operations. Therefore, there is no ongoing release source. The primary residual impact source area is in the vicinity of soil boring SB-5/MW-9 located within the southeast portion of the building. This part of the building was added-on by K&W and extends over a former loading dock previously used by Carman Conley.

- There also appears to be a secondary source area in the vicinity of well MW-2 on the exterior, south side of the building. This may have been associated with an isolated spill event from during the time of PCE warehousing operations.

- PAHs and metals do not appear to be an issue with the exception of ubiquitous low levels of arsenic. The levels of arsenic detected in site soils may be within the natural background range for this area and are not uncommon for soils in the Milwaukee area.

- The vertical and lateral extent of groundwater impacts has been defined on-site and off-site to the southwest. The lateral extent of groundwater impacts to the northwest has not been fully defined based on the revised groundwater flow map incorporating the new well data.

- The direct contact/ingestion exposure pathway for soil impacts is not complete since no near surface (less than four feet bgs) samples indicated any SSRCL exceedances.

- The groundwater ingestion exposure pathway is not complete since the property is within the City of Milwaukee which is supplied by municipal water obtained from Lake Michigan.

- The groundwater discharge to surface water exposure pathway is believed not to be complete due to the distance (over 2 miles southwest) of the site from the nearest surface water receptor.

- The runoff discharge to surface water pathway is not complete due to the distance of the site from the nearest surface water receptor.

- The vapor intrusion exposure pathway is not believed to be an issue at this site due to the existing air circulation/venting system operating at the K&W facility.

- Underground utilities do not appear to be a source of contaminant distribution at this site.

6.2 Recommendations

Based on the findings and conclusions presented in this report and the Initial Site Investigation Report dated August 30, 2007, the following recommendations are forwarded:

- The lateral and vertical extent of soil impacts has been adequately defined. No additional soil investigation is recommended.

- An additional monitoring well (MW-13) should be installed to the northwest at the approximate location shown on Figure 6. Once installed, a complete round of groundwater samples should be collected and analyzed for VOCs.

- Concurrent with completion of the above groundwater investigation, a remedial action should be implemented for the subject property focusing on source term reduction/control, engineered barriers, quarterly groundwater monitoring to verify effectiveness of remedial measures and institutional controls. The proposed Remedial Action Plan (RAP) is presented in Section 7.0 of this report.

7.0 REMEDIAL ACTION PLAN

Based on the results of the SI presented above, the following Remedial Action Plan (RAP) is proposed to assist with advancing this site to closure:

- Residual Soil Impacts – These will be addressed via existing engineered barriers (the building and paved areas). Any current unpaved areas that may have residual impacts above established SSRCLs will be paved with asphalt as an engineered barrier. Placement of the site on the WDNR GIS Soil Registry will be used as an institutional control.

- Residual Groundwater Impacts – These will be addressed with a combination of chemical oxidation to provide expedited source term reduction in the defined source areas followed by groundwater monitoring. Once stable or improving conditions are adequately documented, the site will be placed, if necessary, on the WDNR GIS Groundwater Registry as an institutional control.

A more detailed discussion of each remedial action item is provided separately below.

7.1 Residual Soil Impacts

At this time, residual soil impacts are proposed to be managed via engineered barriers and institutional controls. Relative to the main area of impacts, the engineered barrier is the currently existing building beneath which the impacts exist. The floor of the building is 6 to 8-inch concrete throughout the defined area of impact. This addresses both the potential direct contact hazard as well as the soil-to-groundwater pathway exceedances in these soils. The exterior area south of the building is currently exposed (gravel/grass). Soil sampling data did not indicate any ingestion/direct contact issues in this area, however, the soil-to-groundwater pathway SSRCL was exceeded. To address this issue, the area will be graded and paved with asphalt as an engineered barrier. Any excess soil that may be generated as a result of regrading will be sampled and profiled for proper off-site disposal. The areas of engineered barriers are provided on Figure RAP-1. Institutional controls for site closure will include listing of the site on the WDNR Registry of residually impacted soil sites.

7.2 Residual Groundwater Impacts

Groundwater monitoring data discussed in Section 4.2 above indicate elevated levels of chlorinated VOC impacts associated with the parent product of PCE. Although there is no ongoing source of PCE impacts, the elevated residual groundwater concentrations and associated residual saturated soil concentrations of PCE beneath the southeast portion of the K&W Manufacturing building, as well as at the back exterior of the facility near well MW-2, are at high enough concentration to merit a source term reduction remediation. Based on this data, a groundwater and associated saturated zone soil remediation strategy is proposed consisting of in-situ injection of chemical oxidant along with vacuum extraction of groundwater applied at several

locations to assist with the dispersion of the treatment chemistry. This will be followed by a period of groundwater monitoring. The target remediation goal for groundwater is set by the promulgated Enforcement Standards (ESs), as noted on Table 5, for each specific compound. However, recognizing that this may not be obtainable, the secondary goal of the program is to provide stable to improving conditions for the noted impacts of concern (i.e., remediated and managed) followed by institutional controls, such as placement into the WDNR GIS Registry, for residually impacted groundwater sites. The proposed remediation program is described below.

7.2.1 Treatability Study

Catalyzed sodium persulfate and permanganate (sodium or potassium) are identified as the preferred treatment chemistries for consideration at this site. Both compounds have been proven effective at numerous sites across the country, and in Wisconsin, for the oxidation of chlorinated hydrocarbons such as PCE and associated degradation products. Both oxidants react with the chlorinated hydrocarbons to physically break the bonding structures resulting in non-hazardous by-products. To determine the appropriate chemistry and associated dosing requirements to use for this site, a treatability study will be performed. A representative saturated soil sample will be collected from the vicinity of SB-5/MW-9 to provide worst case evaluations. The sample will be sent to Orin Remediation Technologies (Orin) which will perform Total Oxidant Demand (TOD) tests in order to determine the amount of oxidant required. The treatability portion of the test will analyze sodium persulfate utilizing multiple catalysts and sodium permanganate to determine the most effective treatment chemistry to reduce the chlorinated hydrocarbons. Both untreated and treated samples will be analyzed for the target compounds at this site. The results of the treatability study will be summarized in a report identifying the most effective treatment chemistry and associated dosage.

7.2.2 Chemical Oxidation Injection with Vacuum Extraction

Based on available site information and experience at other similar sites, the proposed treatment program will consist of the following:

- Oxidant Injection
- Extraction Wells
- Groundwater Monitoring

Each item is discussed separately below.

Oxidant Injection

The proposed remedial approach is the injection of the preferred treatment chemistry, as determined by the treatability study, through a series of borings spaced in an off-set grid pattern. Figure RAP-2 provides a

schematic of the facility with an overlay of all existing facility equipment which will need to be worked around. Twenty six tentative interior injection point locations are shown on the figure with an approximate point spacing of eight feet. In addition, three injection points will be placed in the vicinity of well MW-2 on the exterior portion of the facility as also shown on Figure RAP-2.

The injection points will be advanced into the subsurface soils using direct push technology (DPT) such a geoprobe to a depth of approximately 22 feet bgs. The vertical treatment zone will extend from 22 feet bgs to 2 feet bgs, providing for treatment through the entire residually impacted saturated zone as well as the lower portion of the unsaturated zone. The selected treatment chemistry will be injected through the DPT rods into the surrounding formation. The rods will be raised through the vertical treatment zone in one to two foot intervals while simultaneously injection the treatment chemistry into the formation. The total volume, pressure and rate of treatment chemistry injection will be monitored and amended according to field conditions to maximize effectiveness. Upon completion of injection at a particular point, the borehole will be backfilled with bentonite chips, hydrated and patched at the surface to prevent subsequent treatment chemistry short circuiting from the next injection point.

Extraction Wells

As noted in Section 3.2, the permeability of the subsurface aquifer matrix is on the order of 10^{-4} cm/sec. Since this is on the lower end of desired permeabilities for in-situ injection work, vacuum extraction of water from wells will be performed within the treatment area concurrent with the injection of treatment chemistry. This will assist with the dispersion of the treatment chemistry through the system. As shown on Figure RAP-2, five extraction locations will be used. These are identified as VAC-1 through VAC-5. VAC-1 will be from existing well MW-9 and VAC-5 will be from existing well MW-2. Extraction well locations VAC-2 through VAC-4 will be installed prior to the initiation of the injection program. The wells will be constructed as flush mount, 2-inch PVC with target depth of 20 feet. The wells will be constructed in accordance with standards set under NR 141. The extraction of water will be performed using a Vac-truck. Extracted water will be temporarily stored in a portable above ground tank. At the completion of the injection work, the water will be sampled and profiled for proper off-site disposal.

Verification Groundwater Monitoring

Within three weeks of the completion of initial injection, a quarterly groundwater monitoring program will be initiated for all existing monitoring wells (i.e., well MW-1 through MW-12, PZ-1 and PZ-2) and the proposed new well MW-13. One duplicate sample will be collected per round of monitoring for quality assurance purposes. The samples will

be collected using the standard bail and purge method. Purge water will be collected in a 55-gallon drum for subsequent proper off-site disposal. Samples collected will be analyzed for VOCs. Field measurements of water level, pH, temperature, specific conductivity and oxidation-reduction potential (ORP) will be recorded. At this time a total of four quarters of sampling are proposed. The results of the monitoring will determine the effectiveness of the injection relative to source term reduction and impacted groundwater plume stability. Appropriate recommendations will be made at that time.

7.3 Case Closure

Upon completion of the proposed remedial action, and assuming that subsequent groundwater monitoring data will provide steady to decreasing trends in groundwater impacts, case close out will be requested. The case close out package will be completed in accordance with established guidelines and forms. It will include, but not be limited to:

- Case history;
- Plat of survey;
- Summary of soil investigation data;
- Summary of groundwater investigation data;
- Summary of remedial actions performed;
- Summary of additional groundwater monitoring data documenting remedial action effectiveness;
- Documentation of right-of-way notification(s);
- Off-site property notifications;
- Documentation of engineered barriers and required maintenance plan; and
- WDNR GIS Soil and Groundwater Registry packages.

The applicable closure review fee will be provided to the WDNR along with the close out package.

8.0 REFERENCES

1) KPRG and Associates, Inc. Initial Site Investigation Report, August 30, 2007.

2) Wisconsin Department of Natural Resources. KPRG Report Submittal reply letter, April 7, 2009.

3) Wisconsin Department of Natural Resources. Determining Residual Contaminant Levels Using EPA Soil Screening Level Web Site. PUB-RR-682, 2002.

4) Fetter. Applied Hydrogeology, 1980.

5) Freeze and Cherry. Groundwater, 1979.

6) Key Engineering Group, Ltd. Investigation Results – Former Key Products – 8627-8633 West Lynx Street. BRRTS# 02-41-153233, November 14, 2000.

7) Southeast Wisconsin Regional Planning Commission. Groundwater Resources of Southeastern Wisconsin – Technical Report No. 37. June, 2002.

TABLES

Table 1. Groundwater and Top of Casing Elevations for Monitoring Wells
K&W Manufacturing, Milwaukee WI

WELL	GROUND ELEVATION	TOC ELEVATION	10/8/2009		11/6/2009		1/13/2010	
			Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation
MW-1	738.39	738.14	4.50	733.64	5.39	732.75	3.92	734.22
MW-2	738.89	737.79	1.50	736.29	1.93	735.86	2.73	735.06
MW-3	738.85	738.70	2.55	736.15	3.20	735.50	4.00	734.70
MW-4	737.36	737.12	4.60	732.52	4.90	732.22	5.04	732.08
MW-5	738.04	737.79	2.91	734.88	2.29	735.50	3.16	734.63
MW-6	738.85	738.61	3.41	735.20	2.91	735.70	3.80	734.81
MW-7	738.29	737.87	2.71	735.16	3.00	734.87	3.25	734.62
MW-8	737.99	737.69	14.31	723.38	5.54	732.15	5.31	732.38
MW-9	737.04	736.65	9.31	727.34	4.54	732.11	4.90	731.75
MW-10	737.72	737.17	7.95	729.22	5.33	731.84	4.61	732.56
MW-11	737.42	736.88	8.30	728.58	6.22	730.66	6.00	730.88
MW-12	737.51	737.21	3.89	733.32	2.95	734.26	4.90	732.31
PZ-1	738.14	737.84	dry	dry	dry	dry	dry	dry
PZ-2	738.75	738.20	dry	dry	32.16	706.04	dry	dry

All Elevations are in feet above Mean Sea Level.
Depth to Groundwater measurements are in feet below Top of Casing.

Table 2. Soil Sample Analytical Results for Detected VOCs - K&W Manufacturing, Milwaukee, WI

All values are in mg/kg.

Sample ID	SSRCLs		SB-1 2'	SB-2 2'	SB-3 2'	SB-4 9'	SB-5 2'	SB-5 12'-15'	SB-6 2'	SB-6 6'-8'	SB-7 2'	SB-7 9'	SB-8 2'	SB-8 7'-8'	SB-8 12'
Parameter Date	Soil-GW	Ingestion	7/11/2007	7/12/2007	7/11/2007	7/12/2007	7/12/2007	7/12/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007
1,2,4-Trimethylbenzene	250	5.11E+04	<0.025	<0.025	<0.025	<0.62	<0.025	<13	<0.025	<0.025	<0.025	<0.31	<0.025	1.2	<0.025
cis-1,2-Dichloroethene	0.13	1.02E+04	<0.025	<0.025	<0.025	**0.88**	**3.2**	<13	<0.025	**0.26**	<0.025	<0.31	<0.025	<1.0	<0.025
trans-1,2-Dichloroethene	0.27	2.04E+04	<0.025	<0.025	<0.025	<0.62	0.15	<13	<0.025	<0.025	<0.025	<0.31	<0.025	<1.0	<0.025
Tetrachloroethene	0.016	55	<0.025	<0.025	<0.025	**270**	**0.049**	**3,600**	**0.26**	**9.2**	**0.045**	**120**	<0.025	**190**	0.06
Trichloroethene	0.017	7.15	<0.025	<0.025	<0.025	<0.62	<0.025	<13	**0.095**	**0.37**	<0.025	<0.31	<0.025	<1.0	<0.025
TOC as NPOC	NS	NS	5,200	NA	15,000	NA	NA	NA	7,000	NA	NA	NA	NA	NA	NA

Sample ID	SSRCLs		SB-9 9'	SB-9 15'	SB-10 3'	SB-10-7'	SB-11 8'	SB-12 2'	SB-12 10'	SB-13 2'	SB-13 12'	SB-14 10'	SB-15 4'	SB-15 13-14'	SB-16 4'
Parameter Date	Soil-GW	Ingestion	7/11/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007	7/11/2007	9/17/2009	9/17/2009	9/17/2009
1,2,4-Trimethylbenzene	250	5.11E+04	<2.5	<3.1	<0.05	<0.5	<0.25	<0.025	<0.5	<0.025	<2.0	<3.1	<1.0	<1.25	<0.025
cis-1,2-Dichloroethene	0.13	1.02E+04	<2.5	<3.1	**0.21**	<0.5	**0.5**	<0.025	**1.5**	**0.15**	<2.0	<3.1	**3.41**	**29**	**2.57**
trans-1,2-Dichloroethene	0.27	2.04E+04	<2.5	<3.1	<0.05	<0.5	<0.25	<0.025	<0.5	<0.025	<2.0	<3.1	<1.0	<1.25	0.174
Tetrachloroethene	0.016	55	**600**	**640**	**8.4**	**140**	**63**	**0.061**	**130**	**7.9**	**330**	**740**	**167**	**130**	**0.0626 J**
Trichloroethene	0.017	7.15	<2.5	<3.1	**0.36**	<0.5	**1.3**	<0.025	**0.75**	**0.65**	<2.0	<3.1	<1.0	**1.74 J**	<0.025
TOC as NPOC	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Sample ID	SSRCLs		SB-16 14-15'	SB-17 4'	SB-17 14-15'	MW-8 5-6'	MW-9 21-22'	MW-9 29-30'	MW-10 2'	MW-10 7'	MW-11 2'	MW-11 6'	MW-12 4-5'	PZ-2 5-6'
Parameter Date	Soil-GW	Ingestion	9/17/2009	9/17/2009	9/17/2009	9/18/2009	9/17/2009	9/17/2009	9/18/2009	9/18/2009	9/18/2009	9/18/2009	9/18/2009	9/17/2009
1,2,4-Trimethylbenzene	250	5.11E+04	<25	<0.025	<25	<0.025	<0.625	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
cis-1,2-Dichloroethene	0.13	1.02E+04	<25	<0.025	<25	<0.025	**8.92**	0.0303 J	<0.025	0.057 J	<0.025	<0.025	<0.025	0.0326 J
trans-1,2-Dichloroethene	0.27	2.04E+04	<25	**0.275**	<25	<0.025	<0.625	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Tetrachloroethene	0.016	55	**3,370**	**0.269**	**2,300**	0.334	**141**	0.992	<0.025	<0.025	<0.025	<0.025	<0.025	**1.840**
Trichloroethene	0.017	7.15	<25	<0.025	<25	<0.025	1.39 J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	**0.0479 J**
TOC as NPOC	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SSRCLs - Soil Screening Residual Contaminant Levels
Soil-GW - Soil to Groundwater
NS - No Standard

NA - Not Analyzed
Bold - The sample exceeded Soil-GW limits for that parameter
Bold - The sample exceeded Ingestion limits for that parameter

Table 3. Soil Sample Analytical Results for PAH - K&W Manufacturing, Milwaukee, WI
All values are in µg/kg.

Sample ID / Parameter / Date	WDNR NR 720 RCL's Industrial	SB-2 2' 7/12/2007	SB-6 2' 7/11/2007	SB-7 2' 7/11/2007	SB-8 2' 7/11/2007	SB-9 9' 7/11/2007	SB-10 3' 7/11/2007	SB-13 2' 7/11/2007	MW-8 2-3' 9/18/2009	PZ-3 3-4' 9/17/2009
Acenaphthene	60,000,000	< 3.2	< 3.4	< 3.5	< 3.3	< 3.6	< 3.6	< 3.6	< 1.1	< 1.1
Acenaphthylene	360,000	< 3.1	< 3.3	< 3.4	6.8	< 3.5	< 3.5	< 3.5	< 2.0	< 2.1
Anthracene	300,000,000	< 3.8	< 4.1	< 4.2	8.1	< 4.3	< 4.4	< 4.4	< 5.5	< 5.5
Benz (a) anthracene	3,900	< 5.7	< 6.1	10	52	< 6.4	< 6.5	6.8	< 10.0	< 10.1
Benzo (b) flouranthene	3,900	< 3.0	5.0	15	68	< 3.4	7.9	9.2	< 6.8	< 6.8
Benzo (k) fluoranthene	39,000	< 3.3	4.9	10	57	< 3.7	4.9	4.4	< 7.5	< 7.5
Benzo (a) pyrene	390	< 3.1	4.0	11	69	< 3.5	4.8	5.2	< 4.4	< 4.4
Benzo (ghi) perylene	39,000	< 3.8	< 4.1	11	58	< 4.3	5.1	5.6	< 5.1	< 5.1
Chrysene	390,000	< 4.6	6.7	16	60	< 5.3	9.8	9.9	< 4.1	< 4.2
Dibenz (a,h) anthracene	390	< 2.9	< 3.2	< 3.3	17	< 3.3	< 3.4	< 3.4	< 5.6	< 5.6
Fluoranthene	40,000,000	< 3.1	9.1	19	53	< 3.5	13	10	< 1.3	1.3 J
Fluorene	40,000,000	< 3.6	< 3.9	< 4.0	< 3.8	< 4.1	< 4.2	< 4.2	< 1.1	< 1.1
Indeno (1,2,3-cd) pyrene	3,900	< 2.7	< 2.9	7.5	42	< 3.0	3.8	3.4	< 5.0	< 5.1
1-Methylnaphthalene	70,000,000	< 3.2	< 3.5	< 3.6	< 3.4	< 3.6	< 3.7	< 3.7	< 2.2	< 2.2
2-Methylnaphthalene	40,000,000	< 3.3	< 3.6	< 3.7	< 3.5	< 3.8	< 3.8	< 3.8	< 2.2	< 2.2
Naphthalene	110,000	< 4.3	< 4.6	< 4.8	< 4.5	< 4.8	< 4.9	< 4.9	3.6 J	4.1 J
Phenanthrene	390,000	< 3.1	4.7	7.2	13	< 3.5	5.1	< 3.6	< 2.4	< 2.4
Pyrene	30,000,000	< 2.6	8.5	17	44	< 3.0	10	8.2	< 1.2	1.2 J

RCLs - Residual Contaminant Levels for Direct Contact Pathway
Bold - The result exceeded the non-industrial limit for that parameter
Bold - The result exceeded industrial limit for that parameter

Table 4. Soil Sample Analytical Results for RCRA Metals - K&W Manufacturing, Milwaukee, WI
All values are in mg/kg.

Parameter / Sample ID / Date	WDNR NR720 Standards Industrial	SSRCLs Ingestion	SB-2 2' 7/12/2007	SB-6 2' 7/11/2007	SB-7 2' 7/11/2007	SB-8 2' 7/11/2007	SB-9 9' 7/11/2007	SB-10 3' 7/11/2007	SB-13 2' 7/11/2007
Arsenic	1.6	NS	1.4	**4.3**	**4.7**	**4.1**	**3.9**	**5.6**	**4.9**
Barium	NS	2.04E+05	13	55	63	65	62	80	110
Cadmium	510	NS	0.22	0.56	0.55	0.62	0.45	0.76	0.53
Chromium	1.60E+04 *	1.53E+06	4.9	20	18	20	22	20	28
Lead	500	NS	3.4	12	29	44	7.7	17	9.3
Mercury	NS	NS	0.0059	0.027	0.040	0.047	0.014	0.047	0.017
Selenium	NS	5.11E+03	< 0.49	< 0.53	< 0.54	< 0.52	< 0.55	< 0.56	< 0.56
Silver	NS	5.11E+03	< 0.089	< 0.096	< 0.099	< 0.094	< 0.10	< 0.10	< 0.10

Parameter / Sample ID / Date	WDNR NR720 Standards Industrial	SSRCLs Ingestion	MW-8 2-3' 9/18/2009	MW-10 2' 9/18/2009	MW-10 7' 9/18/2009	MW-11 2' 9/18/2009	MW-11 6' 9/18/2009	MW-12 0-2' 9/18/2009	PZ-2 3-4' 9/17/2009
Arsenic	1.6	NS	**8.2**	**4.9**	**2.4**	**4.2**	**2.9**	**4.8**	**5.5**
Barium	NS	2.04E+05	79.7	72.6	36.6	86.9	63.1	54.5	79.6
Cadmium	510	NS	0.26 J	0.29 J	0.14 J	0.16 J	<0.018	0.32 J	0.20 J
Chromium	1.60E+04 *	1.53E+06	25.0	20.1	12.4	24.3	24.1	15.8	21.9
Lead	500	NS	12.6	21.5	5.8	13.4	12.4	11.1	16.4
Mercury	NS	NS	0.043	0.040	0.013	0.049	0.029	0.069	0.046
Selenium	NS	5.11E+03	<0.27	<0.28	0.36 J	<0.27	<0.28	<0.30	<0.28
Silver	NS	5.11E+03	0.16 J	0.16 J	0.072 J	0.16 J	0.086 J	0.12 J	0.088 J

SSRCLs - Soil Screening Residual Contaminant Levels
* : This standard is for Non-Industrial Land Use
NS - No standard

Bold - The sample exceeded NR720 limits for that parameter
Bold - The sample exceeded Soil-GW limits for that parameter

Table 5. Groundwater Monitoring Analytical Results for Detected VOCs - K&W Manufacturing, Milwaukee, WI

All values in ug/L unless otherwise noted

SAMPLE ID	WDNR NR 140 Standards		MW-1		MW-2		MW-3		MW-4		MW-5		MW-6	
PARAMETER / DATE	PAL	ES	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/9/2009	1/14/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010
VOCs														
cis-1,2-Dichloroethene	7	70	**864**	**1,060**	**1,050**	**563**	7.3	1.1	**1,310**	**1,870**	**530**	**672**	**4,240**	**2,010**
trans-1,2-Dichloroethene	20	100	<222	<222	<22.2	<44.5	<0.89	<0.89	<178	<356	<35.6	<89.0	<111	<178
Tetrachloroethene	0.5	5	**25,400**	**32,500**	**5,500**	**9,050**	168	35.3	**45,100**	**56,200**	**9,510**	**12,900**	**20,300**	**20,000**
Trichloroethene	0.5	5	**438**	**502**	**430**	**339**	**11.2**	6.9	**2,000**	**2,350**	**341**	**411**	**3,860**	**2,310**
Vinyl Chloride	0.02	0.2	<45.0	<45.0	<4.5	<9.0	<0.18	<0.18	<36	<72.0	<7.2	<18.0	<22.5	<36.0
NATURAL ATTENUATION PARAMETERS														
Ethane	NE	NE	4.0 J	NA	<0.32	NA	<0.32	NA	9.3	NA	1.8 J	NA	<0.32	NA
Ethene	NE	NE	1.5 J	NA	<0.47	NA	<0.47	NA	2.2 J	NA	<0.47	NA	<0.47	NA
Methane	NE	NE	50.8	NA	6.9	NA	<0.93	NA	323	NA	3.1	NA	<0.93	NA
Sulfate (mg/L)	125[a]	250[a]	41.5	NA	42.9	NA	37.8	NA	40.6	NA	108	NA	80.8	NA
TOC (mg/L)	NE	NE	1.5 J	NA	4.3	NA	1.7 J	NA	5.6	NA	15.2	NA	2.6	NA
FIELD PARAMETERS														
Dissolved Oxygen (mg/L)	NE	NE	0.67	0.86	0.69	0.64	3.34	0.05	2.09	0.16	0.65	0.22	4.2	0.80
Oxidation-Reduction Potential (mV)	NE	NE	84.3	114	90.4	110	88.7	10.8	-125.4	18.4	89.9	128	89	145

SAMPLE ID	WDNR NR 140 Standards		MW-7		MW-8		MW-9		MW-10		MW-11		MW-12	
PARAMETER / DATE	PAL	ES	10/8/2009	1/13/2010	10/9/2009	1/13/2010	10/9/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010
VOCs														
cis-1,2-Dichloroethene	7	70	**441**	**238**	<0.83	<0.83	**33,700**	**40,800**	5	*10.4*	2.4	<0.83	<0.83	<0.83
trans-1,2-Dichloroethene	20	100	17.3	7.1	<0.89	<0.89	<890	<1110	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
Tetrachloroethene	0.5	5	**70.9**	**38.7**	<0.45	<0.45	**155,000**	**139,000**	5.6	<0.45	**23.3**	<0.45	*1.6*	<0.45
Trichloroethene	0.5	5	**56**	**32.9**	<0.48	<0.48	**2,080**	**2,470**	*0.74 J*	*0.72 J*	2.2	<0.48	<0.48	<0.48
Vinyl Chloride	0.02	0.2	**10.7**	<0.72	<0.18	<0.18	**1,140**	**1,730**	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
NATURAL ATTENUATION PARAMETERS														
Ethane	NE	NE	<0.32	NA	<0.32	NA	2.1 J	NA	<0.32	NA	<0.32	NA	<0.32	NA
Ethene	NE	NE	<0.47	NA	<0.47	NA	49	NA	<0.47	NA	<0.47	NA	<0.47	NA
Methane	NE	NE	19.3	NA	<0.93	NA	212	NA	10.4	NA	5	NA	5.9	NA
Sulfate (mg/L)	125[a]	250[a]	25.2	NA	NS	NA	*140*	NA	*127*	NA	117	NA	28.6	NA
TOC (mg/L)	NE	NE	6.8	NA	NS	NA	13	NA	2.7	NA	2.6	NA	2.2	NA
FIELD PARAMETERS														
Dissolved Oxygen (mg/L)	NE	NE	1.87	0.69	-	0.5	2.9	1.72	3.47	0.38	2.19	0.33	3.36	0.68
Oxidation-Reduction Potential (mV)	NE	NE	88.3	123	-	135	108	132	90.3	126	87.9	167	71.9	115

PAL - Preventive Action Limit
ES - Enforcement Standard
TOC - Total Organic Carbon
NE - Not Established
NA - Not Analyzed
NS - Not Sampled
a - Indicates the value is a Public Welfare Groundwater Quality Standard

Italics - Exceeds Preventive Action Limit
Bold - Exceeds Enforcement Standard
J - Analyte detected between limit of detection and limit of quantification. The result is qualified due to the uncertainty of analyte concentrations within this range.

Table 6. Groundwater Monitoring Analytical Results for PAHs - K&W Manufacturing, Milwaukee, WI
All values in ug/L unless otherwise noted

WELL ID	WDNR NR 140 Standards		MW-1		MW-2		MW-3		MW-4		MW-5		MW-6	
PARAMETER DATE	PAL	ES	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/14/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010
Acenaphthene	120	600	<0.0045	<0.0045	<0.0045	<0.0047	<0.0048	<0.0045	<0.0045	<0.0045	<0.0045	<0.0046	<0.0045	<0.0046
Acenaphthylene	1	5	<0.0036	<0.0036	<0.0036	<0.0037	<0.0038	<0.0036	<0.0036	0.0042 J	<0.0036	<0.0036	<0.0036	<0.0037
Anthracene	600	3000	<0.0057	<0.0057	<0.0057	<0.0059	<0.0061	<0.0057	<0.0057	<0.0057	<0.0057	0.0063 J	<0.0057	0.0080 J
Benzo(a)anthracene	0.0048	0.048	0.0046 J	<0.0036	<0.0036	<0.0037	*0.0052 J*	<0.0036	0.0040 J	*0.013 J*	<0.0036	*0.012 J*	<0.0036	*0.024 J*
Benzo(a)pyrene	0.02	0.2	0.0068 J	<0.0029	0.0039 J	<0.0029	0.0054 J	0.0032 J	<0.0029	0.012 J	<0.0029	0.0083 J	0.0044 J	0.018 J
Benzo(b)fluoranthene	0.02	0.2	0.0093 J	0.0035 J	0.0053 J	<0.0035	0.0073 J	0.0045 J	0.0037 J	*0.021 J*	<0.0034	0.012 J	0.0046 J	*0.021 J*
Benzo(g,h,i)perylene	0.096	0.48	0.0095 J	<0.0048	0.0048 J	<0.0050	<0.0051	<0.0048	<0.0048	0.016 J	<0.0048	0.0093 J	0.0069 J	0.021 J
Benzo(k)fluoranthene	0.048	0.48	0.0064 J	<0.0044	<0.0044	<0.0045	0.0056 J	<0.0044	<0.0044	0.010 J	<0.0044	0.0078 J	0.0058 J	0.024 J
Chrysene	0.02	0.2	0.013 J	<0.0035	0.0052 J	<0.0036	0.0071 J	0.0050 J	0.0044 J	0.020 J	<0.0035	0.020 J	0.0049 J	*0.023 J*
Dibenz(a,h)anthracene	0.00048	0.0048	<0.0032	<0.0032	<0.0032	<0.0033	<0.0034	<0.0032	<0.0032	0.0055 J	<0.0032	<0.0032	*0.0037 J*	0.015 J
Fluoranthene	80	400	0.0070 J	<0.0044	0.0078 J	<0.0045	0.0099 J	0.0092 J	0.0055 J	0.034 J	<0.0044	0.026 J	<0.0044	0.021 J
Fluorene	80	400	<0.0048	<0.0048	<0.0048	<0.0049	<0.0051	<0.00048	<0.0048	0.016 J	<0.0048	<0.0048	<0.0048	<0.0049
Indeno(1,2,3-cd)pyrene	0.0048	0.048	0.0048 J	<0.0047	<0.0047	<0.0048	<0.0050	<0.0047	<0.0047	*0.013 J*	<0.0047	<0.0047	0.0052 J	*0.018 J*
1-Methylnaphthalene	140	700	<0.0050	<0.0050	<0.0050	<0.0051	<0.0053	<0.0050	0.011 J	0.020 J	<0.0050	0.010 J	<0.0050	0.016 J
2-Methylnaphthalene	80	400	0.0047 J	0.0042 J	<0.0039	<0.0040	<0.0041	<0.0039	0.020 J	0.030 J	<0.0039	0.0067 J	0.0044 J	0.021 J
Naphthalene	10	100	0.017 J	0.012 J	0.0090 J	0.0094 J	0.0087 J	0.0095 J	0.035 J	0.047	0.011 J	0.015 J	0.014 J	0.032 J
Phenanthrene	0.96	4.8	0.0094 J	<0.0081	<0.0081	<0.0083	<00086	<0.0081	<0.0081	0.023 J	<0.0081	0.0099 J	<0.0081	<0.0082
Pyrene	50	250	0.014 J	0.0054 J	0.0078 J	<0.0049	0.0083 J	0.0076 J	0.0049 J	0.032 J	<0.0047	0.034 J	<0.0047	0.026 J

WELL ID	WDNR NR 140 Standards		MW-7		MW-8		MW-9		MW-10		MW-11		MW-12	
PARAMETER DATE	PAL	ES	10/8/2009	1/13/2010	10/9/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010
Acenaphthene	120	600	<0.0046	<0.0045	NA	<0.0048	<0.0049	<0.0051	<0.0049	<0.0045	0.029 J	0.012 J	<0.0049	<0.0045
Acenaphthylene	1	5	<0.0036	<0.0036	NA	<0.0038	<0.0039	0.0071 J	<0.0039	<0.0036	0.0093 J	0.0059 J	<0.0039	<0.0036
Anthracene	600	3000	<0.0058	0.012 J	NA	0.014 J	<0.0063	<0.0064	0.011 J	0.0069 J	0.084	0.057	0.0079 J	0.014 J
Benzo(a)anthracene	0.0048	0.048	<0.0037	*0.022 J*	NA	*0.0089 J*	<0.0040	<0.0040	*0.023 J*	*0.012 J*	0.45	0.16	*0.0093 J*	*0.021 J*
Benzo(a)pyrene	0.02	0.2	0.0035 J	0.015 J	NA	0.010 J	<0.0031	<0.0032	*0.024 J*	0.014 J	0.44	*0.17*	0.0089 J	*0.022 J*
Benzo(b)fluoranthene	0.02	0.2	0.0042 J	*0.023 J*	NA	0.016 J	<0.0037	<0.0038	*0.027 J*	0.017 J	0.42	*0.19*	0.010 J	*0.026 J*
Benzo(g,h,i)perylene	0.096	0.48	<0.0049	0.015 J	NA	0.011 J	<0.0053	<0.0054	0.019 J	0.011 J	*0.22*	*0.099*	0.0095 J	0.017 J
Benzo(k)fluoranthene	0.048	0.48	<0.0044	0.016 J	NA	0.0086 J	<0.0048	<0.0049	0.024 J	0.014 J	*0.29*	*0.14*	0.0072 J	0.022 J
Chrysene	0.02	0.2	0.0042 J	0.019 J	NA	0.015 J	0.0039 J	0.0066 J	*0.034 J*	0.019 J	0.43	*0.19*	0.016 J	*0.028 J*
Dibenz(a,h)anthracene	0.00048	0.0048	<0.0032	0.0090 J	NA	<0.0034	<0.0035	<0.0036	<0.0035	*0.0041 J*	0.086	0.035 J	*0.0047 J*	0.0049 J
Fluoranthene	80	400	0.0063 J	0.027 J	NA	0.024 J	<0.0048	0.0068 J	0.055	0.031 J	0.79	0.34	0.014 J	0.05
Fluorene	80	400	<0.0048	<0.0048	NA	<0.0050	<0.0052	0.0064 J	<0.0052	<0.0048	0.031 J	0.012 J	0.0063 J	<0.0048
Indeno(1,2,3-cd)pyrene	0.0048	0.048	<0.0047	*0.013 J*	NA	*0.0071 J*	<0.0051	<0.0052	*0.014 J*	0.0088 J	0.2	0.084	*0.0057 J*	*0.014 J*
1-Methylnaphthalene	140	700	<0.0050	<0.0050	NA	<0.0052	0.012 J	0.016 J	<0.0055	<0.0050	0.013 J	0.0050 J	<0.0055	<0.0050
2-Methylnaphthalene	80	400	0.0061 J	0.0042 J	NA	0.0041 J	0.029 J	0.027 J	0.0067 J	<0.0039	0.019 J	0.0065 J	0.0098 J	0.0045 J
Naphthalene	10	100	0.015 J	0.011 J	NA	0.0084 J	0.10	0.092	0.0096 J	0.0049 J	0.018 J	0.0077 J	0.012 J	0.0075 J
Phenanthrene	0.96	4.8	<0.0082	0.012 J	NA	0.017 J	0.010 J	0.015 J	0.022 J	0.014 J	0.32	0.15	0.012 J	0.024 J
Pyrene	50	250	0.0055 J	0.028 J	NA	0.021 J	<0.0052	0.0084 J	0.046 J	0.031 J	0.69	0.32	0.022 J	0.044 J

PAL - Preventive Action Limit
ES - Enforcement Standard
NA - Not Analyzed
Italics - Exceeds Preventive Action Limit
Bold - Exceeds Enforcement Standard
J - Analyte detected between limit of detection and limit of quantitation. The result is qualified due to the uncertainty of analyte concentrations within this range.

Table 7. Groundwater Monitoring Analytical Results for Dissolved Metals - K&W Manufacturing, Milwaukee, WI

All values in ug/L unless otherwise noted

WELL ID	WDNR NR 140 Standards		MW-1		MW-2		MW-3		MW-4		MW-5		MW-6	
PARAMETER DATE	PAL	ES	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2009	10/8/2009	1/14/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010
Arsenic	1	10	<1.4	<1.9	<1.4	<1.9	<1.4	*2.0 J*	<1.4	<1.9	<1.4	<1.9	<1.4	<1.9
Barium	400	2000	111	153	81.6	73.9	102	96.9	108	113	91.2	102	95.7	82.9
Cadmium	0.5	5	0.24 J	<0.45	*0.55 J*	<0.45	0.30 J	<0.45	*0.80 J*	<0.45	*0.62 J*	<0.45	0.32 J	<0.45
Chromium	10	100	0.83 J	0.46 J	0.48 J	0.39 J	0.73 J	<0.39	0.65 J	<0.39	0.74 J	<0.39	0.59 J	<0.39
Lead	1.5	15	1.0 J	2.0 J	1.2 J	<1.3	<0.75	2.4 J	1.4 J	2.4 J	0.84 J	2.4 J	<0.75	1.9 J
Silver	10	50	0.75 J	<0.47	<0.42	<0.47	<0.42	0.76 J	0.77 J	<0.47	0.47 J	<0.47	<0.42	<0.47

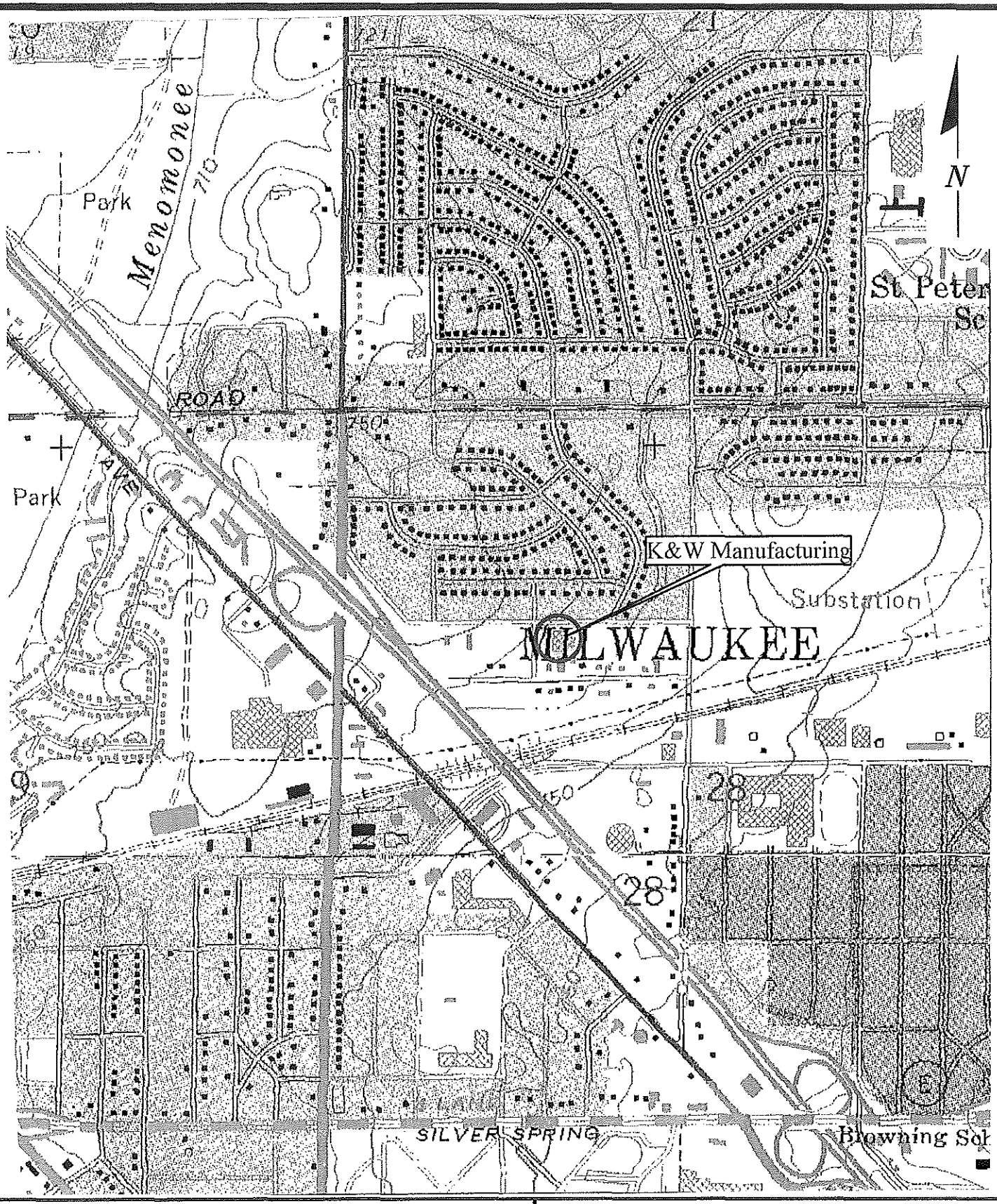
WELL ID	WDNR NR 140 Standards		MW-7		MW-8		MW-9		MW-10		MW-11		MW-12		DUPLICATE
PARAMETER DATE	PAL	ES	10/8/2009	1/13/2010	10/9/2009	1/13/2010	10/9/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009	1/13/2010	10/8/2009
Arsenic	1	10	*1.5 J*	<1.9	NS	*2.4 J*	*2.4 J*	*2.0 J*	<1.4	*2.0 J*	*3.0 J*	*1.9 J*	<1.4	<1.9	*1.6 J*
Barium	400	2000	115	98.1	NS	85.2	83.2	123	80.5	97.7	171	210	61.2	65.8	84.9
Cadmium	0.5	5	0.27 J	<0.45	NS	<0.45	0.31 J	<0.45	0.20 J	<0.45	0.32 J	<0.45	0.26 J	<0.45	*0.91 J*
Chromium	10	100	0.78 J	<0.39	NS	0.39 J	1.3 J	<0.39	0.55 J	<0.39	0.54 J	<0.39	<0.32	<0.39	0.66 J
Lead	1.5	15	1.4 J	1.8 J	NS	3.0 J	0.81 J	2.2 J	*2.0 J*	2.5 J	0.82 J	2.5 J	1.3 J	1.7 J	<0.75
Silver	10	50	<0.42	0.51 J	NS	<0.47	0.83 J	<0.47	0.81 J	<0.47	0.67 J	<0.47	<0.42	<0.47	0.62 J

PAL - Preventive Action Limit
ES - Enforcement Standard
NS - Not Sampled

Italics - Exceeds Preventive Action Limit
Bold - Exceeds Enforcement Standard

J - Analyte detected between limit of deetection and limit of quantitation. The result is qualified due to the uncertainty of analyte concentrations within this range.

FIGURES



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG

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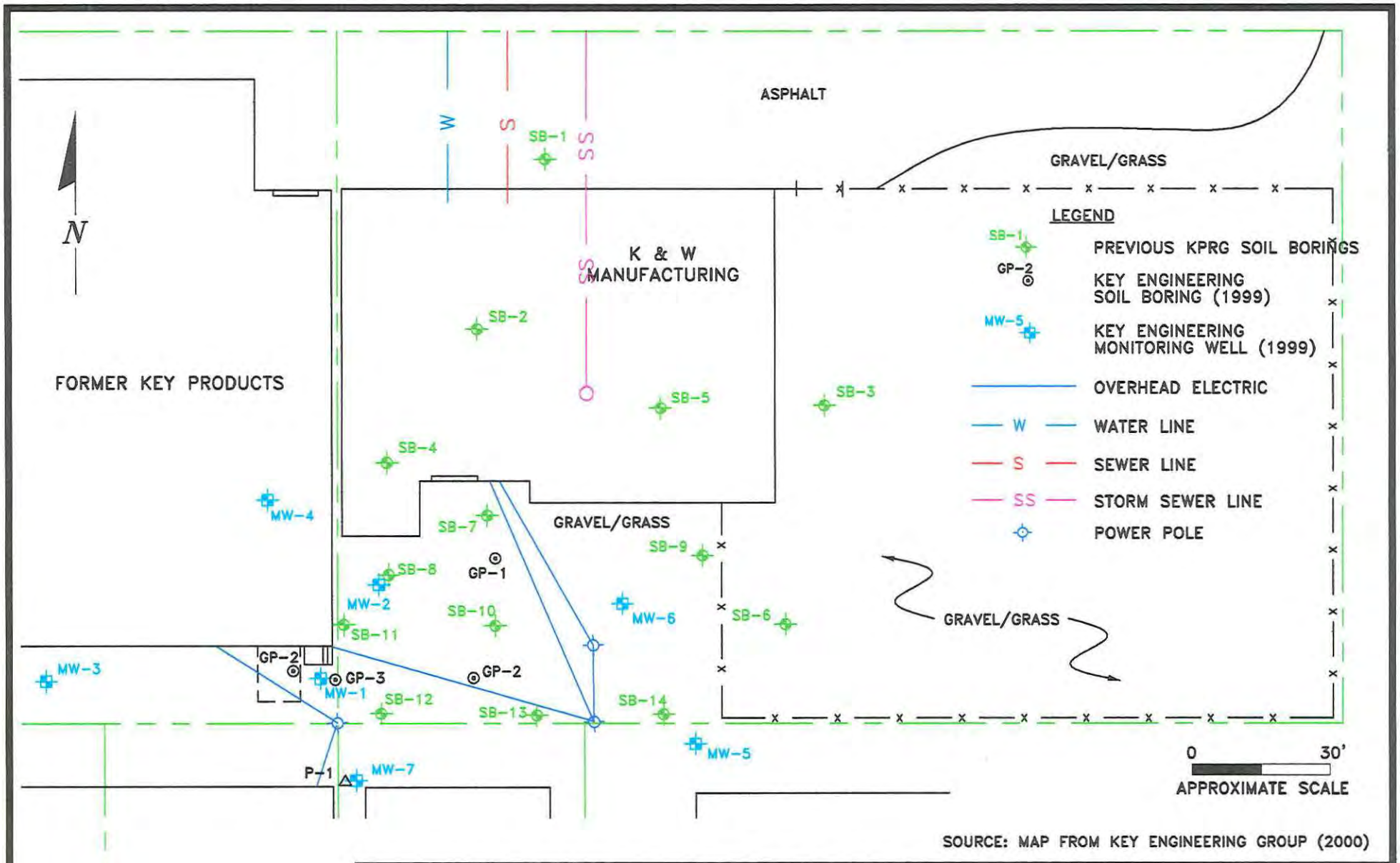
K&W MANUFACTURING

GENERAL SITE LOCATION MAP

Scale: 1:12,000	Date: August 28, 2007
KPRG Project No. 13905	FIGURE 1



SOURCE: MAP FROM KEY ENGINEERING GROUP (2000)

ENVIRONMENTAL CONSULTATION & REMEDIATION

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SITE MAP

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: SEE BARSCALE | Date: MARCH 12, 2010

KPRG Project No. 15807 | FIGURE 2

WEST LYNX AVENUE

NORTH 87TH STREET

SIDEWALK

FORMER KEY PRODUCTS

K & W MANUFACTURING

W

S

STO

STO FORMER

N

SB-1
SB-2
SB-3
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SB-12
SB-13
SB-14
SB-15
SB-16
SB-17

MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9/SB-5
MW-10
MW-11
MW-12

GP-1
GP-2
GP-2
GP-3

PZ-1
PZ-2

WEST KAUL AVENUE

LEGEND

SB-1	SOIL BORING	MW-5	MONITORING WELL		OVERHEAD ELECTRIC
GP-2	KEY ENGINEERING SOIL BORING	S	SEWER LINE	W	WATER LINE
PZ-1	PIEZOMETER	STO	FORMER STORM SEWER LINE		POWER POLE

0 50'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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MONITORING WELL AND BORING LOCATION MAP

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: SEE BARSCALE | Date: February 22, 2010

KPRG Project No. 15807 | FIGURE 3

SIDEWALK

N

K&W MANUFACTURING

MW-8
732.38

MW-9
731.75

MW-4
732.08

MW-2
735.06

MW-6
734.81

PZ-2

MW-3

MW-1
734.22

MW-7
734.62

PZ-1

MW-5
734.63

MW-10
732.56

MW-11
730.88

MW-12
732.31

732

733

734

735

WEST KAUL AVENUE

LEGEND

MW-5 — MONITORING WELL

GROUNDWATER CONTOUR

FLOW LINE

OVERHEAD ELECTRIC

SEWER LINE

FORMER STORM SEWER LINE

WATER LINE

POWER POLE

0 40'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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GROUNDWATER FLOW 1/13/10

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: SEE BARSCALE | Date: February 22, 2010

KPRG Project No. 15807 | FIGURE 4

SIDEWALK

N

K&W MANUFACTURING

55

SB-15		
DEPTH	4'	13'-14'
cis-1,2	3.41	29
PCE	167	130
TCE	<1.0	1.74J

SB-2	
DEPTH	2'
cis-1,2	<0.025
PCE	<0.025
TCE	<0.025

SB-1	
DEPTH	2'
cis-1,2	<0.025
PCE	<0.025
TCE	<0.025

MW-8	
DEPTH	5'-6'
cis-1,2	<0.025
PCE	0.334
TCE	<0.025

SB-16		
DEPTH	4'	14'-15'
cis-1,2	2.57	<25
PCE	0.0626J	3,370
TCE	<0.025	<25

SB-5		
DEPTH	2'	12'-15'
cis-1,2	3.2	<13
PCE	0.049	3,600
TCE	<0.025	<13

SB-3	
DEPTH	2'
cis-1,2	<0.025
PCE	<0.025
TCE	<0.025

SB-7		
DEPTH	2'	9'
cis-1,2	<0.025	<0.31
PCE	0.046	120
TCE	<0.025	<0.31

SB-4	
DEPTH	9'
cis-1,2	0.88
PCE	270
TCE	<0.62

MW-9		
DEPTH	21'-22'	29'-30'
cis-1,2	8.92	0.0303J
PCE	141	0.992
TCE	1.39J	<0.025

SB-8			
DEPTH	2'	7'-8'	12'
cis-1,2	<0.025	<1	<0.025
PCE	<0.025	190	0.06
TCE	<0.025	<1.0	<0.025

GP-1	
DEPTH	2'-4'
PCE	0.88

SB-17		
DEPTH	4'	14'-15'
cis-1,2	<0.025	<25
PCE	0.269	2,300
TCE	<0.025	<25

MW-4	
DEPTH	3'-5'
VOCs	ND

SB-9		
DEPTH	9'	15'
cis-1,2	<2.5	<3.1
PCE	600	640
TCE	<2.5	<3.1

MW-2		
DEPTH	3.5'-5.5'	6'-8'
PCE	99	4,400
TCE	2	<25

SB-6		
DEPTH	2'	6'-8'
cis-1,2	<0.025	0.26
PCE	0.26	9.2
TCE	0.095	0.37

SB-11	
DEPTH	8'
cis-1,2	0.5
PCE	63
TCE	1.3

PZ-2		
DEPTH	5'-6'	
cis-1,2	0.0326J	
PCE	1.840	
TCE	0.0479J	

SB-14	
DEPTH	10'
cis-1,2	<3.1
PCE	740
TCE	<3.1

SB-12		
DEPTH	2'	10'
cis-1,2	<0.025	1.5
PCE	0.061	130
TCE	<0.025	0.75

GP-3		
DEPTH	0-5'	5'-10'
cis-1,2	0.49	<0.025
PCE	83	0.056
TCE	0.53	<0.025

MW-6	
DEPTH	2'-4'
VOCs	ND

MW-5		
DEPTH	0'-2'	
cis-1,2	0.16	
PCE	0.025	
TCE	0.12	

GP-2		
DEPTH	2'-4'	
cis-1,2	0.42	
PCE	1.6	
TCE	0.55	

MW-7	
DEPTH	1'-3'
PCE	0.041

GP-2				
DEPTH	0-5'	5'-10'	10'-15'	15'-20'
cis-1,2	0.28	<0.025	<0.030	<0.028
PCE	63	7.5	<0.030	<0.028
TCE	0.31	<0.025	<0.030	<0.028

SB-10		
DEPTH	3'	7'
cis-1,2	0.21	<0.5
PCE	8.4	140
TCE	0.36	<0.5

SB-13		
DEPTH	2'	12'
cis-1,2	0.15	<2
PCE	7.9	330
TCE	0.65	<2

MW-3		
DEPTH	3.5'-5.5'	
PCE	0.053	

WEST KAUL AVENUE

MW-11		
DEPTH	2'	6'
cis-1,2	<0.025	<0.025
PCE	<0.025	<0.025
TCE	<0.025	<0.025

MW-10		
DEPTH	2'	7'
cis-1,2	<0.025	0.057J
PCE	<0.025	<0.025
TCE	<0.025	<0.025

MW-12		
DEPTH	4'-5'	
cis-1,2	<0.025	
PCE	<0.025	
TCE	<0.025	

SOIL SAMPLE RESULTS

cis-DCE cis-1,2-Dichloroethene
PCE Tetrachloroethene
TCE Trichloroethene
All values in mg/kg
Values in BOLD exceed the PAL
Values in BOLD exceed the ES

0 40'
APPROXIMATE SCALE

LEGEND

- SB-1 — SOIL BORING
- MW-5 — MONITORING WELL
- PZ-1 — PIEZOMETER
- GP-2 — KEY ENGINEERING SOIL BORING
- CONTOUR LINE OF 55 mg/kg PCE IN SOILS
- OVERHEAD ELECTRIC
- SEWER LINE
- FORMER STORM SEWER LINE
- WATER LINE
- POWER POLE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G KPRG and Associates, Inc.

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

SOIL ANALYTICAL DISTRIBUTION MAP

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: SEE BARSCALE | Date: February 22, 2010

KPRG Project No. 15807 | FIGURE 5

SIDEWALK

N

MW-13

MW-8

MW-8	10/9/2009	1/13/2010
cis-1,2	<0.83	<0.83
PCE	<0.45	<0.45
TCE	<0.48	<0.48

MW-9	10/9/2009	1/13/2010
cis-1,2	33,700	40,800
PCE	155,000	139,000
TCE	2,080	2,470

MW-9

MW-4	10/9/2009	1/14/2010
cis-1,2	1,310	1,870
PCE	45,100	56,200
TCE	2,000	2,350

MW-4

MW-2	10/8/2009	1/13/2010
cis-1,2	1,050	563
PCE	5,500	9,050
TCE	430	339

MW-2

MW-6

MW-6	10/8/2009	1/13/2010
cis-1,2	4,240	2,010
PCE	20,300	20,000
TCE	3,860	2,310

MW-1

MW-3

MW-5

MW-7

MW-1	10/8/2009	1/13/2010
cis-1,2	864	1,060
PCE	25,400	32,500
TCE	438	502

MW-7	10/8/2009	1/13/2010
cis-1,2	441	238
PCE	70.9	38.7
TCE	56	32.9

MW-3	10/8/2009	1/13/2010
cis-1,2	*7.3*	1.1
PCE	**168**	**35.3**
TCE	**11.2**	**6.9**

MW-5	10/8/2009	1/13/2010
cis-1,2	530	672
PCE	9,510	12,900
TCE	341	411

MW-10

MW-11

MW-12

MW-11	10/8/2009	1/13/2010
cis-1,2	2.4	<0.83
PCE	**23.3**	<0.45
TCE	2.2	<0.48

MW-10	10/8/2009	1/13/2010
cis-1,2	5	*10.4*
PCE	**5.6**	<0.45
TCE	*0.74J*	*0.72J*

MW-12	10/8/2009	1/13/2010
cis-1,2	<0.83	<0.83
PCE	*1.6*	<0.45
TCE	<0.48	<0.48

WEST KAUL AVENUE

LEGEND

MW-13 PROPOSED NEW MONITORING WELL

MW-5 MONITORING WELL

OVERHEAD ELECTRIC

SEWER LINE

FORMER STORM SEWER LINE

WATER LINE

POWER POLE

SOIL SAMPLE RESULTS
cis-DCE cis-1,2-Dichloroethene
PCE Tetrachloroethene
TCE Trichloroethene
All values in ug/l
Values in *ITALICS* exceed the PAL
Values in BOLD exceed the ES

0 40'
APPROXIMATE SCALE

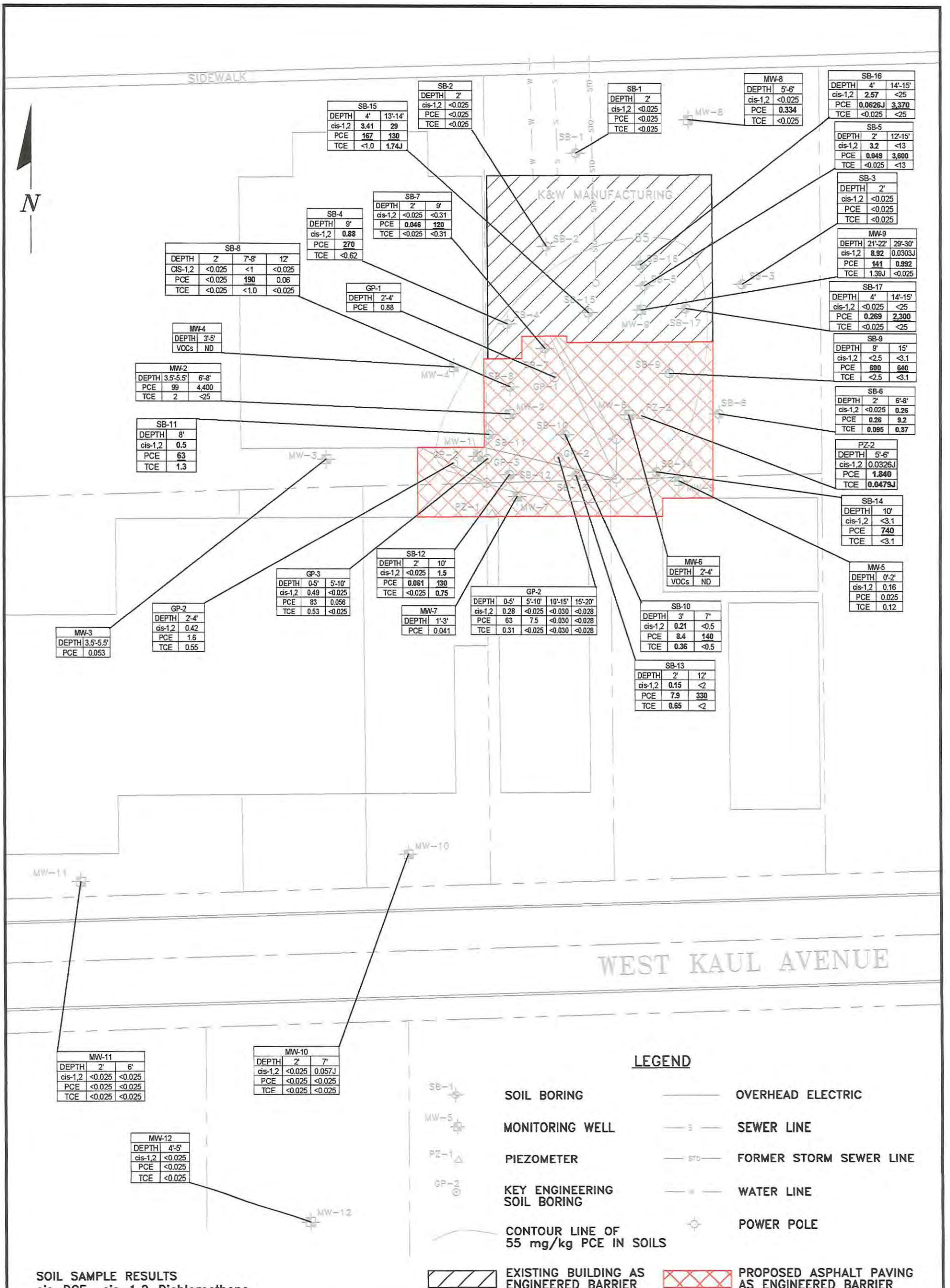
ENVIRONMENTAL CONSULTATION & REMEDIATION
K P R G
KPRG and Associates, Inc.
414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1583
14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

GROUNDWATER ANALYTICAL DISTRIBUTION MAP

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: SEE BARSCALE | Date: February 22, 2010

KPRG Project No. 15807 | FIGURE 6



SOIL SAMPLE RESULTS
cis-DCE cis-1,2-Dichloroethene
PCE Tetrachloroethene
TCE Trichloroethene
ALL VALUES IN mg/kg

0 40'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G KPRG and Associates, Inc.

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

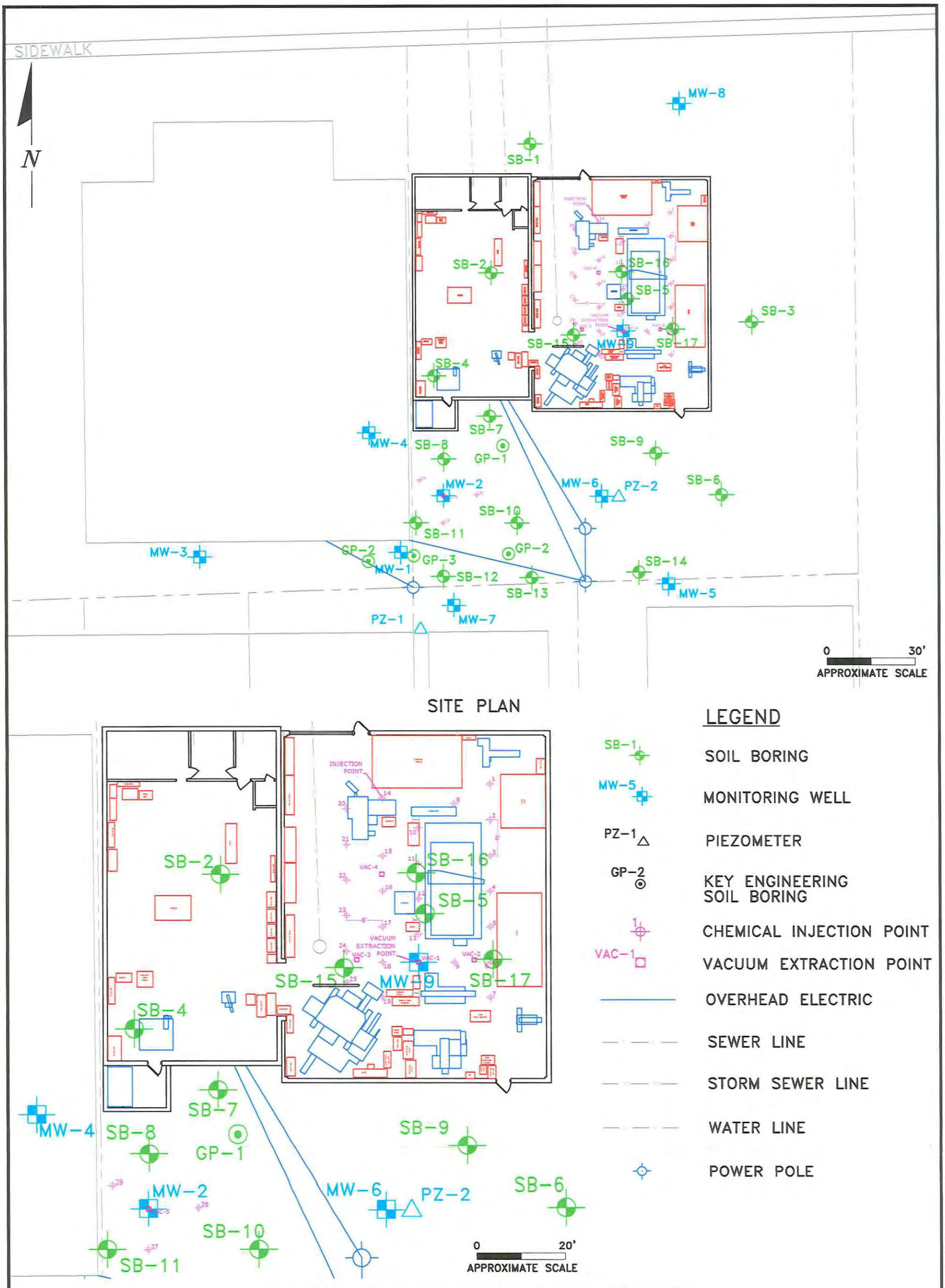
14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

PROPOSED ENGINEERED BARRIERS

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: SEE BARSCALE | Date: March 11, 2010

KPRG Project No. 15807 | FIGURE RAP-1



ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G KPRG and Associates, Inc.

414 Plaza Drive, Suite 105 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

CHEMICAL INJECTION POINTS

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: SEE BARSCALE	Date: March 15, 2010
KPRG Project No. 15807	FIGURE RAP-2

APPENDIX A

Boring Logs, Well Constructor Reports and Abandonment Forms

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
K&W Manufacturing		SB-15

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Tony Last Name: Kapugi Firm: On- Site Environmental	09 17 2009 (m m/ d d/ y y y y)	09 17 2009 (m m/ d d/ y y y y)	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane _____ N, _____ E
SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E
Lat _____ Long _____

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

Facility ID	County	County Code	Civil Town / City / or Village
241813770	Milwaukee		Milwaukee

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Concrete and Gravel Base Rock										
	3		2					18						
			4	Brown Clay, some Silt, Sand and Gravel				280						
			6					112						
	3		8					280 318						
			10	- concrete pieces				101						
			12					817						
	3			Gray Clay, trace med Sand and fine Gravel				385 243						
			14	Gray Silt, wet.				97 106						
			16	Gray Clay, trace med Sand.				31						
	5		18					2.6						
			20					0.2						
				End of Boring at 20 feet.										
			22											

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

Signature	Firm
	KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04)

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

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

1. General Information

WI Unique Well No.	DNR Well ID No.	County
_ _ _ _ _ _ _		MILWAUKEE

Common Well Name: SB-15
Gov't Lot # (if applicable):

¼ / ¼	¼	Section	Township	Range
SW	NE	28	8 N	21 ☒ E ☐ W

Well Location ☐ ft. / ☒ M (Local Grid ☐) Datum
_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____
WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ Zone ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft. / ☐ M Datum
_____ N, _____ ☐ E / ☐ W _____
WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ Zone ☐ S ☐ C ☐ N

Reason For Abandonment: SOIL BORING
WI Unique Well No. of Replacement Well: _ _ _ _ _ _ _

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 09-17-09
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): GEOPROBE

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.)	Casing Diameter (in.)
20	—
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	—

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

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

2. Facility / Owner Information

Facility Name: K+W MANUFACTURING
Facility ID:
License/Permit/Monitoring No.:
Street Address of Well: 8619 W. LYNX AVE.
City, Village or Town: MILWAUKEE, WI

Present Well Owner	Original Well Owner

Street Address or Route of Present Owner:

City	State	ZIP Code

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

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

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

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CONCRETE	Surface	0.5		
CHIPPED BENTONITE	0.5	20		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: ON-SITE ENVIRONMENTAL
Date of Abandonment: 09-17-09
Street or Route:
Telephone Number: ( )
City: SUN PRAIRIE
State: WI
ZIP Code:
Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received:
Noted By:
Comments:

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
K&W Manufacturing		SB-16

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Tony Last Name: Kapugi Firm: On- Site Environmental	09/17/2009	09/17/2009	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane _____ N, _____ E
SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E
Lat _____ Long _____

Local Grid Location
___ N ___ E
_____ Feet ___ S _____ Feet ___ W

Facility ID	County	County Code	Civil Town / City / or Village
241813770	Milwaukee		Milwaukee

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Concrete and Gravel Base Rock										
3			2											
			4	Black Peat, clayey, organics, moist.				17.8						
2			6	Brown Clay, Gray mottling, little Sand and Gravel				41						
			8	Brown Clay, little Sand and Gravel				48						
5			10					127						
			12					157						
			14	- occ. thin Silt seams				62						
2			16					104						
			18					3800						
			20	Gray Clay, trace med Sand and fine Gravel				52						
			22	End of Boring at 20 feet.				76						

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

Signature	Firm
	KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04)

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

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

1. General Information

WI Unique Well No. _____ | DNR Well ID No. _____ | County: MILWAUKEE

Common Well Name: SB-16 | Gov't Lot # (if applicable)

¼ / ¼: SW | ¼: NE | Section: 28 | Township: 8 N | Range: 21 ☒ E ☐ W

Well Location ☐ ft. / ☒ M (Local Grid ☐) Datum
_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____
Zone
WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft. / ☐ M Datum
_____ N, _____ ☐ E / ☐ W _____
Zone
WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ ☐ S ☐ C ☐ N

Reason For Abandonment: SOIL BORING | WI Unique Well No. of Replacement Well: _____

2. Facility / Owner Information

Facility Name: K+W MANUFACTURING

Facility ID | License/Permit/Monitoring No.

Street Address of Well: 8619 W. LYNX AVE.

City, Village or Town: MILWAUKEE, WI

Present Well Owner | Original Well Owner

Street Address or Route of Present Owner

City | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 09-17-09

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): GEOPROBE

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.): 20 | Casing Diameter (in.): —

Lower Drillhole Diameter (in.): 2 | Casing Depth (ft.): —

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

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

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

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

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

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CONCRETE			
Surface	0.5		
CHIPPED BENTONITE			
0.5	20		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: ON-SITE ENVIRONMENTAL | Date of Abandonment: 09-17-09

Street or Route | Telephone Number: ( )

City: SUN PRAIRIE | State: WI | ZIP Code | Signature of Person Doing Work | Date Signed

DNR Use Only

Date Received | Noted By

Comments

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
K&W Manufacturing		SB-17

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Tony Last Name: Kapugi Firm: On- Site Environmental	09/17/2009	09/17/2009	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2 inches

Local Grid Origin (estimated:) or Boring Location
State Plane _____ N, _____ E
SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E
Lat _____ Long _____

Local Grid Location
___ N ___ E
___ Feet ___ S ___ Feet ___ W

Facility ID	County	County Code	Civil Town / City / or Village
241813770	Milwaukee		Milwaukee

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	Concrete Brown Clay, some Sand, Silt and Gravel				0						
	3		4					3.5						
				Black Peat				4.1						
				Gray Silt				4.8						
			6	Gray and Brown Silt, little med-coarse Sand										
	3		8					21.7						
								36						
			10	Brown Clay, some Sand and Gravel				61						
								275						
			12					404						
	4							1530						
			14					3220						
								4310						
				- little Silt				45						
			16	Brown Clay				173						
	4							170						
			18					1184						
								91						
			20	End of Boring at 20 feet.										
			22											

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

Signature	Firm
	KPRG and Associates, Inc.

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04)

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

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

1. General Information

WI Unique Well No.	DNR Well ID No.	County
_ _ _ _ _ _ _		MILWAUKEE

Common Well Name: SB-17 | Gov't Lot # (if applicable):

¼ / ¼	¼	Section	Township	Range
SW	NE	28	8 N	21 ☒ E ☐ W

Well Location ☐ ft. / ☒ M (Local Grid ☐) Datum
_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____ Zone
WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft. / ☐ M Datum
_____ N, _____ ☐ E / ☐ W _____ Zone
WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ ☐ S ☐ C ☐ N

Reason For Abandonment: SOIL BORING | WI Unique Well No. of Replacement Well:

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 09-17-09
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): GEOPROBE

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.)	Casing Diameter (in.)
20	—
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	—

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

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

2. Facility / Owner Information

Facility Name: K+W MANUFACTURING
Facility ID | License/Permit/Monitoring No.
Street Address of Well: 8619 W. LYNX AVE.
City, Village or Town: MILWAUKEE, WI
Present Well Owner | Original Well Owner
Street Address or Route of Present Owner
City | State | ZIP Code

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

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

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

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

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

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
CONCRETE			
Surface	0.5		
CHIPPED BENTONITE			
0.5	20		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: ON-SITE ENVIRONMENTAL
Date of Abandonment: 09-17-09
Street or Route
Telephone Number: ( )
City: SUN PRAIRIE | State: WI | ZIP Code | Signature of Person Doing Work | Date Signed

DNR Use Only
Date Received | Noted By
Comments

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
K&W Manufacturing		MW-8

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Tony Last Name: Kapugi Firm: On- Site Environmental	09/18/2009	09/18/2009	Geoprobe then HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-8	_____ Feet MSL	_____ Feet MSL	2 then 8.25 inches

Local Grid Origin (estimated:) or Boring Location
State Plane _____ N, _____ E
SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E
Lat _____ Long _____

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

Facility ID	County	County Code	Civil Town / City / or Village
241813770	Milwaukee		Milwaukee

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2	Asphalt and Gravel Fill				0						
				Black Silty Clay, organics, rootlets, some Gravel				0						
				Tan Silty Clay, till, some Gravel, rootlets and Gray				0						
			4	mottling, stiff, dry.				0						
								0						
				Tan Silt, some Clay				0						
			6	Tan Clay, some Silt and Gravel, some incr Sand				0						
				horizons, some Gray mottling.				0						
			8					0						
								0						
			10					0						
				Gray Sand, coarse, sorted, dry.				0						
			12	Tan to Gray Silty Clay, some sandy horizons				0						
				Gray Silty Clay, some Gravel, plastic				0						
			14					0						
				End of Boring at 15 feet.										
			16											
			18											
			20											
			22											

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

Signature _____ Firm KPRG and Associates, Inc.

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: K+W MANUFACTURING	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-8
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241813770	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/18/2009 (m m d d y y y y)
Type of Well: Well Code MW/	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 28 T. 8 N, R. 21 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY KAPUGI / ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☐ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
_____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

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

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

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3 ft.

G. Filter pack, top _____ ft. MSL or 3 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

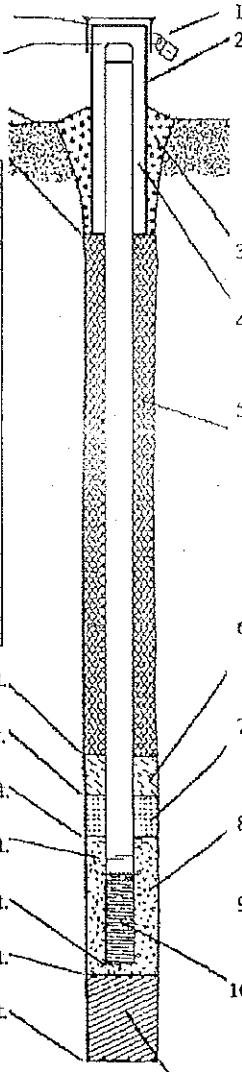
J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2 in.

N. I.D. well casing _____ in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____

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

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

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

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

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

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 _____ Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14
_____ Other ☐ _____

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

Signature _____ Firm KPRG AND ASSOCIATES, INC.

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

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: K&W Manufacturing	License/Permit/Monitoring Number:	Boring Number: MW-9
Boring Drilled By: Name of crew chief (first,last) and Firm: First Name: Tony Last Name: Kapugi; Firm: On-Site Environmental	Date Drilling Started: 09/17/2009	Date Drilling Completed: 09/17/2009
Drilling Method: Geoprobe then HSA		
WI Unique Well No.:	DNR Well ID No.:	Well Name: MW-9
Final Static Water Level: ____ Feet MSL	Surface Elevation: ____ Feet MSL	Borehole Diameter: 2 then 8.25 inches
Local Grid Origin (estimated:) or Boring Location; State Plane ____ N, ____ E; SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E	Lat ____ Long ____	Local Grid Location: ____ N ____ Feet S; ____ E ____ Feet W
Facility ID: 241813770	County: Milwaukee	County Code:	Civil Town / City / or Village: Milwaukee

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Concrete and Gravel Base Rock				150						
	4		2											
			4	Black Clay, close to Peat, organics				182						
				Brown Clay				225						
			6	Brown Silt, wet.										
	3			Brown Clay, some Sand and Gravel				55						
			8					110						
			10					205						
				Brown and Gray Silty Clay, mottled, some Sand and Gravel										
			12					250						
								1670						
			14					1212						
				- incr Silt				318						
			16	- less Gray				1250						
								>10K						
			18					3176						
								1253						
			20											
								302						
			22											

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

Signature | Firm: KPRG and Associates, Inc.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
				Gray Clay, trace medium Sand				732						
			24					634						
								78						
			26											
								123						
			28					44						
			30					5.6						
				End of Boring at 30 feet.										
			32											
			34											
			36											
			38											
			40											
			42											
			44											
			46											
			48											
			50											
			52											
			54											
			56											
			58											
			60											
			62											

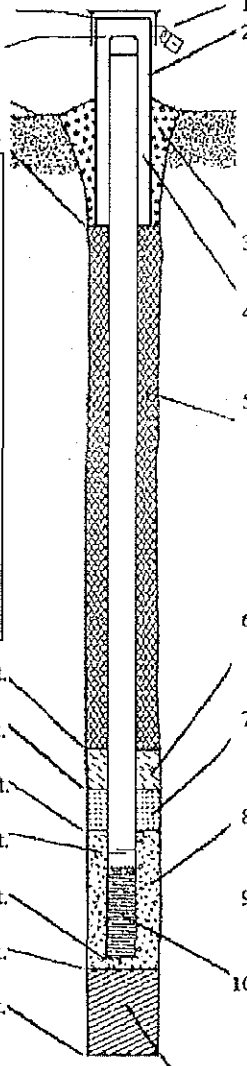
State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: K+W MANUFACTURING	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-9
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241813770	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/17/2009 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 28, T. 8 N, R. 21 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY KAPUGI / ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number



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

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 / Drilling Mud ☐ 03 None ☒ 99

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

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

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 3 ft.
G. Filter pack, top _____ ft. MSL or 3 ft.
H. Screen joint, top _____ ft. MSL or 5 ft.
I. Well bottom _____ ft. MSL or 15 ft.
J. Filter pack, bottom _____ ft. MSL or 15 ft.
K. Borehole, bottom _____ ft. MSL or 15 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2 in.
N. I.D. well casing _____ in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☐ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature _____ Firm KPRG AND ASSOCIATES, INC.

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

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: K&W Manufacturing	License/Permit/Monitoring Number:	Boring Number: MW-10

Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Tony Last Name: Kapugi Firm: On- Site Environmental	Date Drilling Started 0 9 1 8 2 0 0 9 m m/ d d/ y y y y	Date Drilling Completed 0 9 1 8 2 0 0 9 m m/ d d/ y y y y	Drilling Method Geoprobe then HSA

WI Unique Well No.	DNR Well ID No.	Well Name: MW-10	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 then 8.25 inches

Local Grid Origin (estimated:) or Boring Location
State Plane _____ N, _____ E
SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E
Lat _____ Long _____

Local Grid Location
___ N ___ E
___ Feet ___ S ___ Feet ___ W

Facility ID: 241813770	County: Milwaukee	County Code	Civil Town / City / or Village: Milwaukee

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Asphalt and Gravel Base Rock				0						
				Dark Brown Silty Clay, trace Sand and Gravel				0						
	3		2	Black Clay, Peat-like, organics				0						
								0						
			4	- greenish-gray				0						
								0						
			6	Brown and Gray Silty Clay, mottled, moist				0						
	4							0						
			8	Brown Clay, trace medium Sand, slightly moist.				0						
				- sandy silty seam				0						
			10					0						
								0						
			12	- mottled Gray and Brown				0						
	5			Gray Clay, trace medium Sand and Gravel				0						
			14					0						
				End of Boring at 15 feet.										
			16											
			18											
			20											
			22											

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

Signature	Firm
	KPRG and Associates, Inc.

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: K+W MANUFACTURING	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-10
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.	DNR Well ID No.
Facility ID: 241813770	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/18/2009 (m m d d y y y y)
Type of Well: Well Code MW/	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 28, T. 8 N, R. 21 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY KAPUGI / ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

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

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

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3 ft.

G. Filter pack, top _____ ft. MSL or 3 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

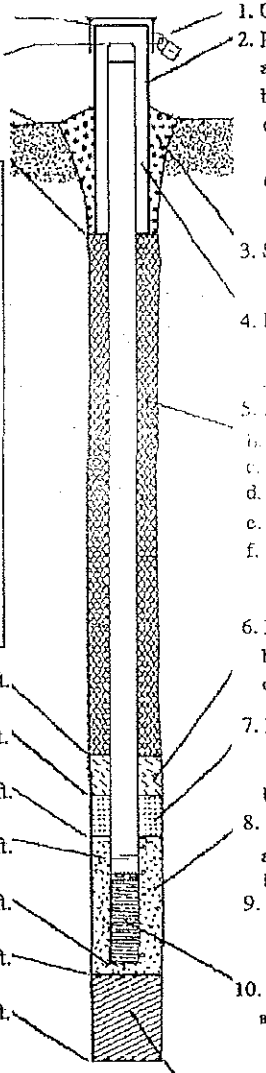
J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2 in.

N. I.D. well casing _____ in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____

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

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

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

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

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

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐ _____

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

Signature _____ Firm KPRG AND ASSOCIATES, INC.

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

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
K&W Manufacturing		MW-11

Boring Drilled By: Name of crew chief (first,last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Tony Last Name: Kapugi Firm: On- Site Environmental	09/18/2009	09/18/2009	Geoprobe then HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-11	____ Feet MSL	____ Feet MSL	2 then 8.25 inches

Local Grid Origin (estimated:) or Boring Location
State Plane ____ N, ____ E
SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E
Lat ____ Long ____

Local Grid Location
____ N ____ E
____ Feet S ____ Feet W

Facility ID	County	County Code	Civil Town / City / or Village
241813770	Milwaukee		Milwaukee

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Asphalt and Gravel Base Rock				0						
				Dark Brown Silty Clay, trace Sand and Gravel				0						
	3		2					0						
								0						
			4					0						
								0						
			6	Gray Silty Clay, soft, moist.				0						
	4			Dark Brown and Brown Sand, Silt, Clay mixture,				0						
			8	Brown Clay, trace Sand, slightly moist.				0						
								0						
			10	- rust mottling and seams				0						
				- gray with rust mottling				0						
	5		12	Gray Clay, trace medium Sand, very moist.				0						
								0						
			14					0						
			16	End of Boring at 15 feet.										
			18											
			20											
			22											

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

Signature	Firm
	KPRG and Associates, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 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 inprisonment for up to one year, depending on the program and consuct invloved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

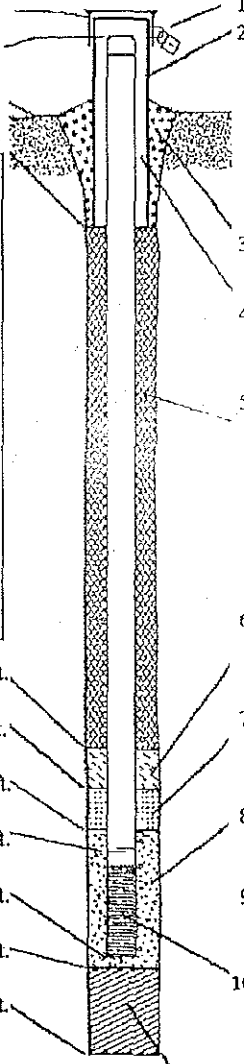
State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: K+W MANUFACTURING	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-11
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241813770	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/18/2009 (m m d d y y y y)
Type of Well: Well Code MW/	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 28, T. 8 N, R. 21 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY KAPUGI / ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or ___1 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

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

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

E. Bentonite seal, top _____ ft. MSL or ___1 ft.
F. Fine sand, top _____ ft. MSL or ___3 ft.
G. Filter pack, top _____ ft. MSL or ___3 ft.
H. Screen joint, top _____ ft. MSL or ___5 ft.
I. Well bottom _____ ft. MSL or ___15 ft.
J. Filter pack, bottom _____ ft. MSL or ___15 ft.
K. Borehole, bottom _____ ft. MSL or ___15 ft.
L. Borehole, diameter ___8 in.
M. O.D. well casing ___2 in.
N. I.D. well casing ____ in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: __8 in.
b. Length: __1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☐ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: __10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature: [signature] Firm: KPRG AND ASSOCIATES, INC.

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

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: K&W Manufacturing	License/Permit/Monitoring Number:	Boring Number: MW-12
Boring Drilled By: Name of crew chief (first,last) and Firm — First Name: Tony Last Name: Kapugi — Firm: On- Site Environmental	Date Drilling Started: 09/18/2009	Date Drilling Completed: 09/18/2009 — Drilling Method: Geoprobe then HSA
WI Unique Well No.:	DNR Well ID No.:	Well Name: MW-12
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 then 8.25 inches
Local Grid Origin (estimated:) or Boring Location — State Plane _____ N, _____ E — SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E — Lat _____ Long _____	Local Grid Location: _____ N _____ E — _____ Feet S _____ Feet W	
Facility ID: 241813770	County: Milwaukee	County Code:
Civil Town / City / or Village: Milwaukee		

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Concrete - 4"				0						
			2	Brown Silty Clay				0						
								0						
			4					0						
				Brown Silty Sand, fine, to Sandy Silty Clay,				0						
			6	very moist.				0						
				Brown Silty Sand, medium to coarse, some Clay				0						
			8					0						
								0						
			10					0						
				Brown Sand, medium to coarse, with Gravel,				0						
			12	some Silt, wet.				0						
								0						
			14	Gray Silty Clay, some Gravel, plastic to stiff.				0						
			16	End of Boring at 15 feet.										
			18											
			20											
			22											

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

Signature _____ Firm: KPRG and Associates, Inc.

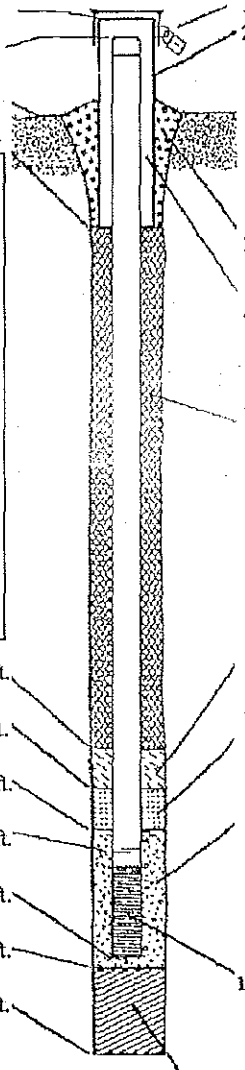
State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: K+W MANUFACTURING	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-12
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241813770	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/18/2009 (m m d d y y y y)
Type of Well: Well Code MW /	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 28 T. 8 N, R. 21 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY KAPUGI / ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number



A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☐ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☐ 99

16. Drilling additives used? ☐ Yes ☐ No
Describe _____

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

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 3 ft.

G. Filter pack, top _____ ft. MSL or 5 ft.

H. Screen joint, top _____ ft. MSL or 5 ft.

I. Well bottom _____ ft. MSL or 15 ft.

J. Filter pack, bottom _____ ft. MSL or 15 ft.

K. Borehole, bottom _____ ft. MSL or 15 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2 in.

N. I.D. well casing _____ in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____

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

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

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

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

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature _____ Firm KPRG AND ASSOCIATES, INC.

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

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name: K&W Manufacturing	License/Permit/Monitoring Number:	Boring Number: PZ-2
Boring Drilled By: Name of crew chief (first,last) and Firm — First Name: Tony Last Name: Kapugi — Firm: On- Site Environmental	Date Drilling Started: 09/17/2009	Date Drilling Completed: 09/17/2009 — Drilling Method: Geoprobe / HSA
WI Unique Well No.:	DNR Well ID No.:	Well Name: PZ-2 — Final Static Water Level: ____ Feet MSL — Surface Elevation: ____ Feet MSL — Borehole Diameter: 2 then 8.25 inches
Local Grid Origin (estimated:) or Boring Location — State Plane ____ N, ____ E — SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E — Lat ____ Long ____		Local Grid Location ____ N ____ E — ____ Feet S ____ Feet W
Facility ID: 241813770	County: Milwaukee	County Code: — Civil Town / City / or Village: Milwaukee

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			0	Top soil and gravel mixture				0						
								0						
			2	Dark Brown Clay				0						
								0						
			4	Brown Silt, some Clay, some Gray mottling,				0						
				some Gravel, moist.				2.1						
			6											
				Light Brown Silty Clay, some Sand and Gravel,				72						
			8	some Yellow Silt.										
								97						
			10					134						
			12	Gray Clay, some Sand and Gravel				88						
			14					1.9						
								0						
			16											
								0						
			18											
				- 3" Yellow Silt layer				0						
			20											
								0						
			22											

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

Signature _____ Firm: KPRG and Associates, Inc.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			24	- same as above				0						
			26					0						
			28											
			30											
			32					0						
			34					0						
			36	End of Boring at 35 feet.										
			38											
			40											
			42											
			44											
			46											
			48											
			50											
			52											
			54											
			56											
			58											
			60											
			62											

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: K+W MANUFACTURING	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: PZ-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 241813770	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 09/17/2009 (m m d d y y y y)
Type of Well: Well Code MW / _____	Section Location of Waste/Source: SE 1/4 of NW 1/4 of Sec. 28, T. 8 N, R. 21 ☒E ☐W	Well Installed By: Name (first, last) and Firm: TONY KAPUGI / ON-SITE ENVIRONMENTAL
Distance from Waste/Source _____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number: _____

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

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

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

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

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

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

E. Bentonite seal, top _____ ft. MSL or 1 ft.

F. Fine sand, top _____ ft. MSL or 27.5 ft.

G. Filter pack, top _____ ft. MSL or 28 ft.

H. Screen joint, top _____ ft. MSL or 30 ft.

I. Well bottom _____ ft. MSL or 35 ft.

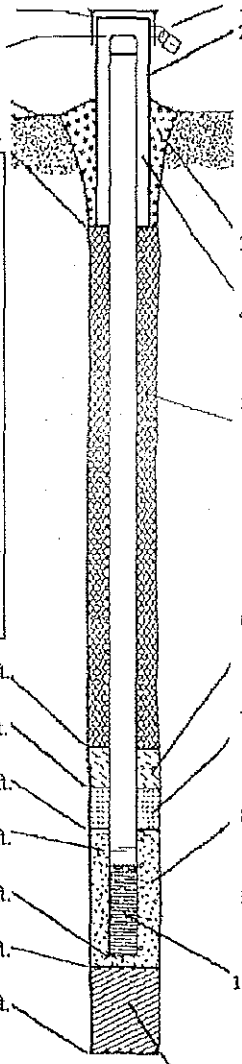
J. Filter pack, bottom _____ ft. MSL or 35 ft.

K. Borehole, bottom _____ ft. MSL or 35 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2 in.

N. I.D. well casing _____ in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 34
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☐ 08

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

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

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

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

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐ _____

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

Signature _____ Firm KPRG AND ASSOCIATES, INC.

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

APPENDIX B

Monitoring Well Survey

METROPOLITAN ENGINEERING, INC.

ENGINEERS - LAND SURVEYORS
20875 CROSSROADS CIRCLE, SUITE 150 WAUKESHA, WI 53186
(262) 782-2221 FAX 782-4426

MONITORING WELL LOCATIONS

PREPARED FOR: KPRG and Associates, Inc.

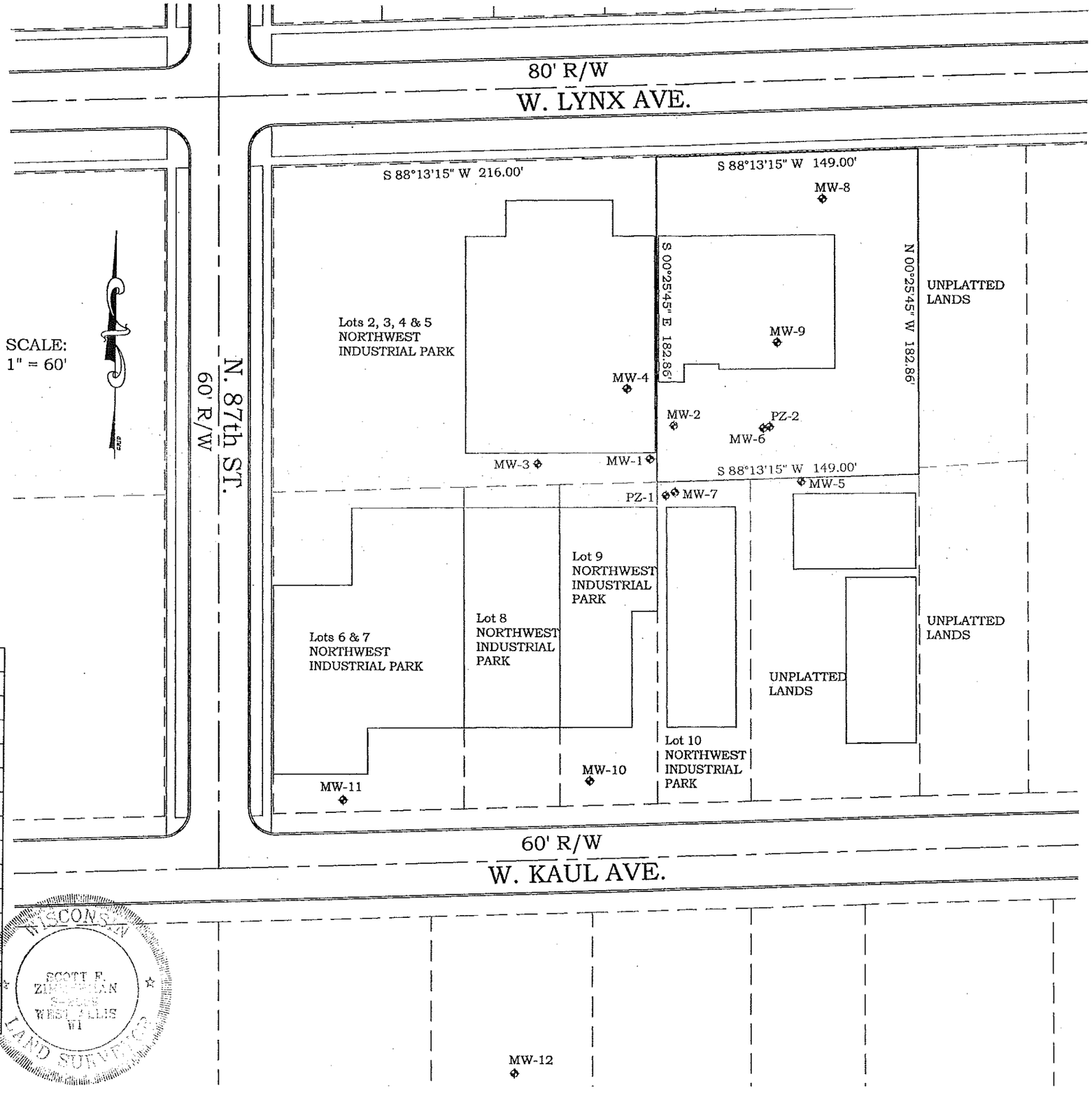
LOCATION: K & W Manufacturing Corp.
8619 W. Lynx Avenue, Milwaukee, WI 53225

LEGAL DESCRIPTION: LOT 1 in BLOCK 1 in NORTHWEST INDUSTRIAL PARK, being a subdivision of a part of the Northwest 1/4 of Section 28, Township 8 North, Range 21 East, in the City of Milwaukee, Milwaukee County, Wisconsin; AND the lands adjacent thereto Commencing at the Northeast corner of said Lot 1; thence East 95 feet; thence South 182.86 feet; thence West 95 feet; thence North 182.86 feet to the Point of Commencment.

October 16, 2009 Survey No. 209100

BEARINGS REFER TO THE WISCONSIN STATE PLANE CO-ORDINATE SYSTEM SOUTH ZONE (NAD-27). THE CO-ORDINATES OF THE CENTER OF SECTION 28-8-21 ARE TAKEN TO BE N416,992.02 E2,529,689.79 AND THE EAST LINE OF THE NW 1/4 OF SAID SECTION IS TAKEN TO BEAR NORTH 00°25'45" WEST FROM THE CSSD DATED JUNE 2009.

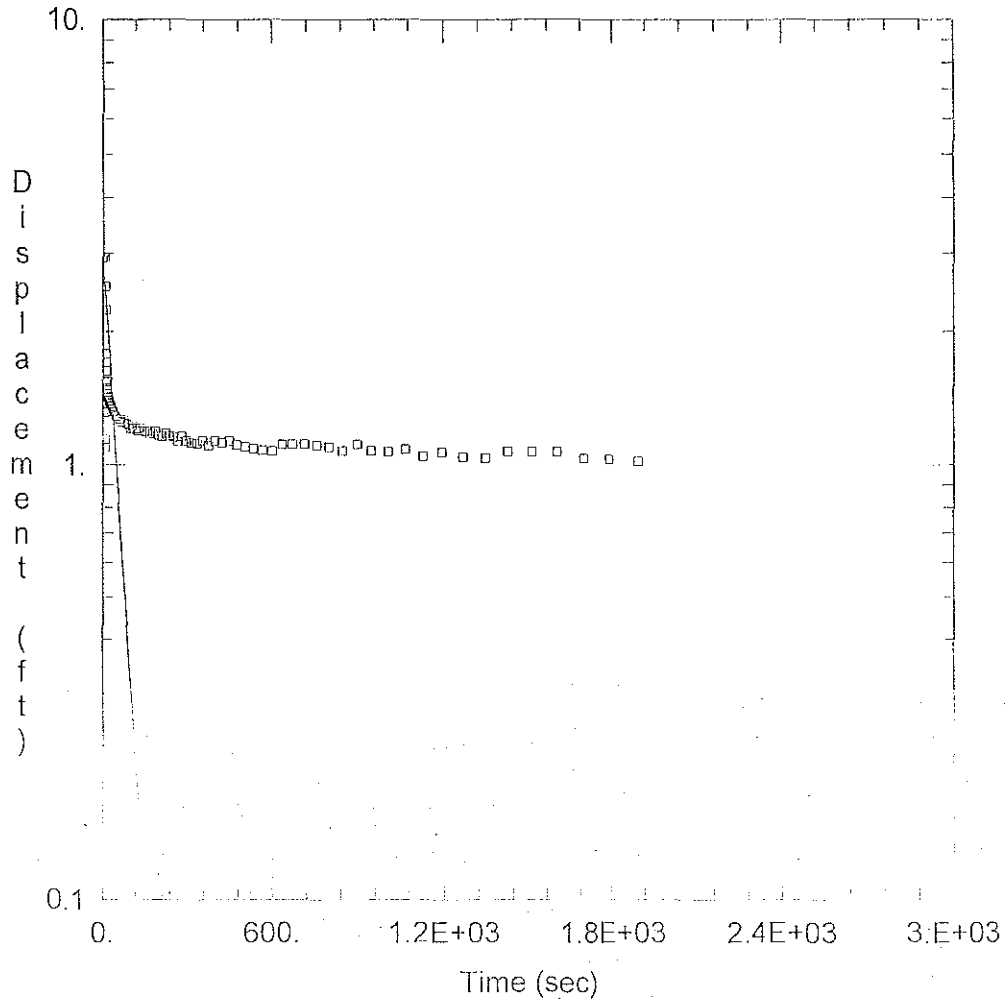
CO-ORDINATE AND ELEVATION TABLE				
Description	North Co-Ord.	East Co-Ord.	Surface Elevation	Top of PVC
MW - 1	417,828.411	2,528,726.098	738.39	738.14
MW - 2	417,847.547	2,528,739.666	738.89	737.79
MW - 3	417,825.434	2,528,663.360	738.85	738.70
MW - 4	417,868.316	2,528,713.199	737.36	737.12
MW - 5	417,815.691	2,528,812.341	738.04	737.79
MW - 6	417,846.073	2,528,791.046	738.85	738.61
MW - 7	417,809.514	2,528,740.415	738.29	737.87
MW - 8	417,974.961	2,528,823.069	737.99	737.69
MW - 9	417,894.563	2,528,798.509	737.04	736.65
MW - 10	417,645.187	2,528,693.784	737.72	737.17
MW - 11	417,633.750	2,528,555.049	737.42	736.88
MW - 12	417,480.267	2,528,652.844	737.53	737.21
PZ - 1	417,807.735	2,528,735.142	738.14	737.84
PZ - 2	417,847.000	2,528,794.518	738.75	738.20



APPENDIX C

Monitoring Well Slug Test Curves

K+W 15807.3



WELL TEST ANALYSIS

Data Set: W:\...\MW-2 out.aqt
Date: 11/24/09 Time: 11:45:33

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 1.

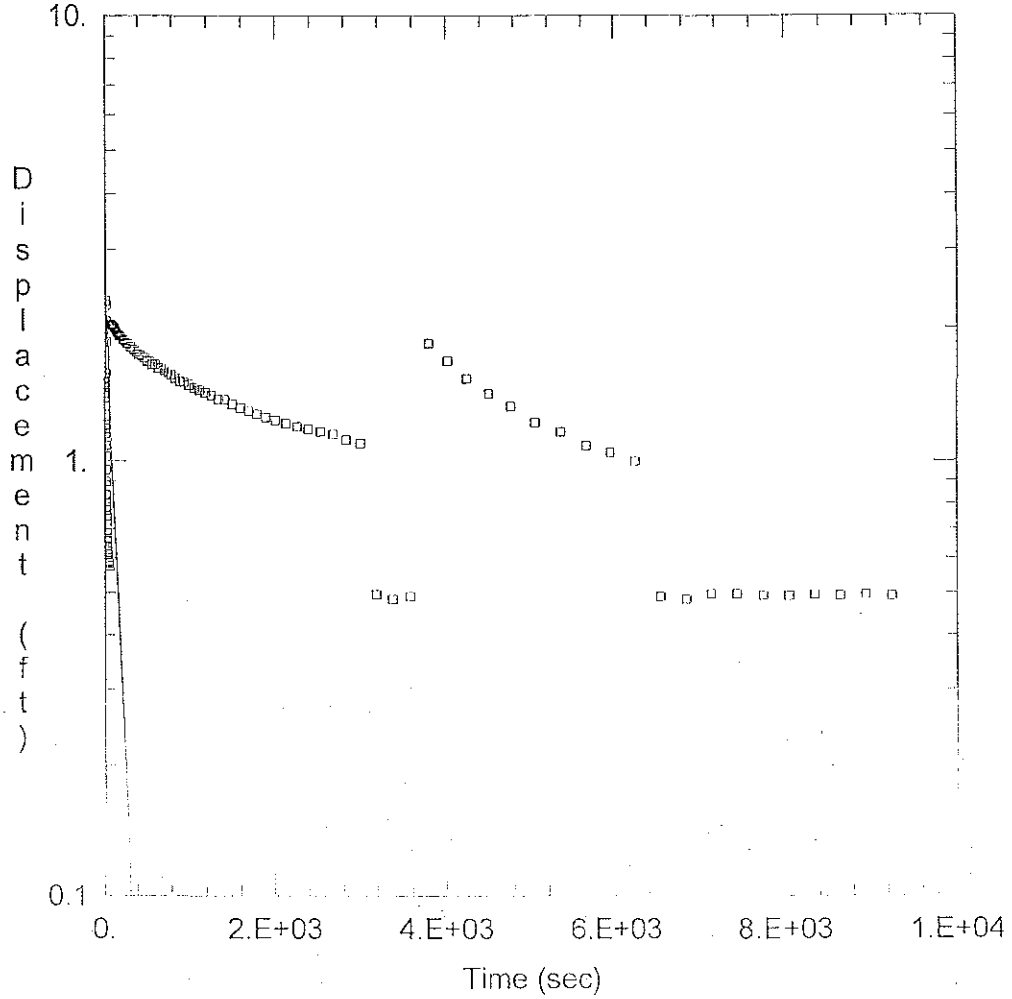
WELL DATA (MW-2)

Initial Displacement: 2.94 ft
Wellbore Radius: 0.33 ft
Screen Length: 10. ft
Casing Radius: 0.083 ft
Well Skin Radius: 0.33 ft
Total Well Penetration Depth: 10. ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

K = 0.0006079 cm/sec 6.079×10^{-4} cm/s
y0 = 2.991 ft



WELL TEST ANALYSIS

Data Set: W:\...\MW-3 out.aqt
Date: 11/24/09 Time: 11:56:05

PROJECT INFORMATION

Client: K&W
Project: 15807.3
Test Well: MW-3
Test Date: 11-6-09

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 1.

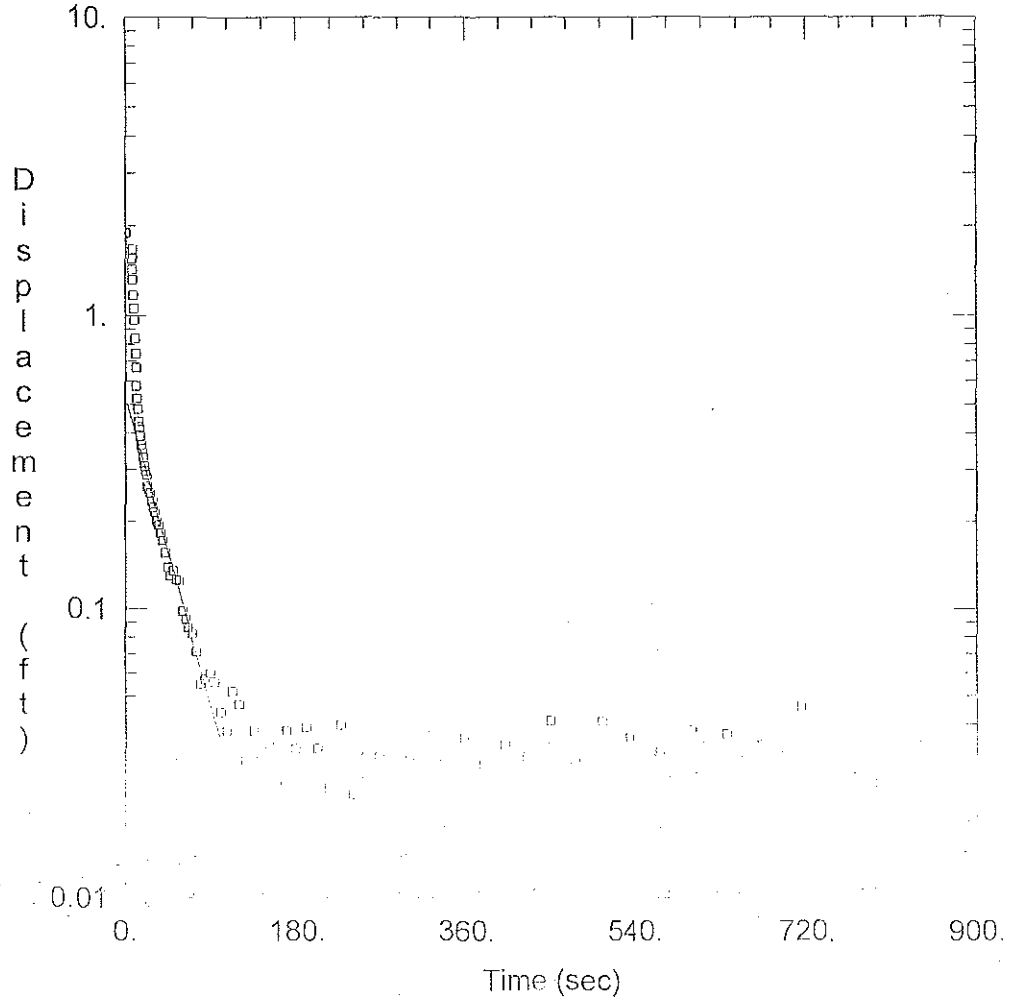
WELL DATA (MW-3)

Initial Displacement: 2.3 ft
Wellbore Radius: 0.33 ft
Screen Length: 10. ft
Casing Radius: 0.083 ft
Well Skin Radius: 0.33 ft
Total Well Penetration Depth: 10. ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.0002676 cm/sec 2.676×10^{-4} cm/s y0 = 2.315 ft



WELL TEST ANALYSIS

Data Set: W:\...\MW-5 out.aqt
Date: 11/24/09 Time: 12:03:16

PROJECT INFORMATION

Client: K&W
Project: 15807.3
Test Well: MW-5
Test Date: 11-6-09

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 1.

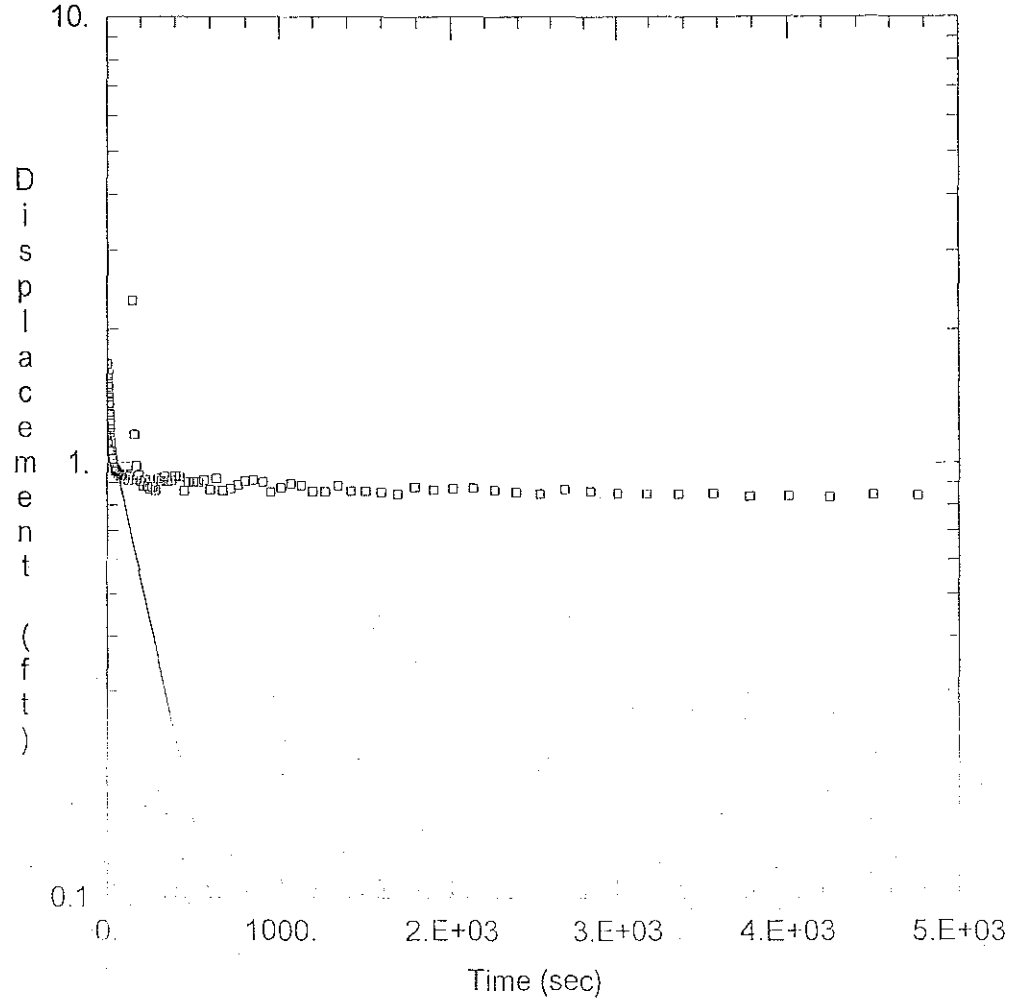
WELL DATA (MW-5)

Initial Displacement: 1.9 ft
Wellbore Radius: 0.33 ft
Screen Length: 10. ft
Casing Radius: 0.083 ft
Well Skin Radius: 0.33 ft
Total Well Penetration Depth: 10. ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

K = 0.0007362 cm/sec 7.362×10^{-4} cm/s
y0 = 0.5355 ft



WELL TEST ANALYSIS

Data Set: W:\...\MW-10 out.aqt
Date: 11/24/09 Time: 12:09:55

PROJECT INFORMATION

Client: K&W
Project: 15807.3
Test Well: MW-10
Test Date: 11-6-09

AQUIFER DATA

Saturated Thickness: 10. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-10)

Initial Displacement: 1.67 ft Casing Radius: 0.083 ft
Wellbore Radius: 0.33 ft Well Skin Radius: 0.33 ft
Screen Length: 10. ft Total Well Penetration Depth: 10. ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
K = 0.0001148 cm/sec 1.148×10^{-4} cm/s y0 = 1.25 ft

APPENDIX D

Analytical Data Packages

15807.3
Data File

Pace Analytical Services, Inc.
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October 07, 2009

Rich Gnat
KPRG and Associates, Inc.
14665 W. Lisbon Rd.
Suite 2B
Brookfield, WI 53005

RE: Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Dear Rich Gnat:
Enclosed are the analytical results for sample(s) received by the laboratory on September 22, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Laurie Woelfel

Laurie Woelfel

laurie.woelfel@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Green Bay Certification IDs

California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Kentucky Certification #: 83
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11887
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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SAMPLE SUMMARY

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4022837001	B-15 (4')	Solid	09/17/09 14:10	09/22/09 08:45
4022837002	B-15 (13'-14')	Solid	09/17/09 14:20	09/22/09 08:45
4022837003	B-16 (4')	Solid	09/17/09 13:40	09/22/09 08:45
4022837004	B-16 (14'-15')	Solid	09/17/09 13:50	09/22/09 08:45
4022837005	B-17 (4')	Solid	09/17/09 15:20	09/22/09 08:45
4022837006	B-17 (14'-15')	Solid	09/17/09 15:30	09/22/09 08:45
4022837007	MW-8 (2'-3')	Solid	09/18/09 12:30	09/22/09 08:45
4022837008	MW-8 (5'-6')	Solid	09/18/09 12:35	09/22/09 08:45
4022837009	MW-9 (21'-22')	Solid	09/17/09 16:20	09/22/09 08:45
4022837010	MW-9 (29'-30')	Solid	09/17/09 16:30	09/22/09 08:45
4022837011	MW-10 (2')	Solid	09/18/09 10:20	09/22/09 08:45
4022837012	MW-10 (7')	Solid	09/18/09 10:30	09/22/09 08:45
4022837013	MW-11 (2')	Solid	09/18/09 09:55	09/22/09 08:45
4022837014	MW-11 (6')	Solid	09/18/09 10:10	09/22/09 08:45
4022837015	MW-12 (0-2)	Solid	09/18/09 12:00	09/22/09 08:45
4022837016	MW-12 (4-5)	Solid	09/18/09 12:10	09/22/09 08:45
4022837017	WASTE PROFILE	Solid	09/18/09 12:30	09/22/09 08:45
4022837018	PZ-2 (5-6')	Solid	09/17/09 10:20	09/22/09 08:45
4022837019	PZ-3 (3-4')	Solid	09/17/09 10:10	09/22/09 08:45

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SAMPLE ANALYTE COUNT

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4022837001	B-15 (4')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837002	B-15 (13'-14')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837003	B-16 (4')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837004	B-16 (14'-15')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837005	B-17 (4')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837006	B-17 (14'-15')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837007	MW-8 (2'-3')	ASTM D2974-87	LTI	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7471	LMS	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
4022837008	MW-8 (5'-6')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837009	MW-9 (21'-22')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837010	MW-9 (29'-30')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837011	MW-10 (2')	ASTM D2974-87	LTI	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7471	LMS	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837012	MW-10 (7')	ASTM D2974-87	LTI	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7471	LMS	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837013	MW-11 (2')	ASTM D2974-87	LTI	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7471	LMS	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837014	MW-11 (6')	ASTM D2974-87	LTI	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7471	LMS	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	JJB	64	PASI-G
4022837015	MW-12 (0-2)	ASTM D2974-87	LTI	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7471	LMS	1	PASI-G
4022837016	MW-12 (4-5)	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837017	WASTE PROFILE	ASTM D2974-87	LTI	1	PASI-G
		EPA 1010	MY	1	PASI-G
		EPA 6010	DLB, MES	10	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8260	SMT	13	PASI-G
		EPA 8270	RJN	16	PASI-G
		EPA 9045	MY	1	PASI-G
		EPA 9095	DEY	1	PASI-G
		SM 2710F	DEY	1	PASI-G
4022837018	PZ-2 (5-6')	ASTM D2974-87	LTI	1	PASI-G
		EPA 8260	JJB	64	PASI-G
4022837019	PZ-3 (3-4')	ASTM D2974-87	MRN	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7471	LMS	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-15 (4') **Lab ID: 4022837001** Collected: 09/17/09 14:10 Received: 09/22/09 08:45 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	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	71-43-2	W
Bromobenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	108-86-1	W
Bromochloromethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	74-97-5	W
Bromodichloromethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	75-27-4	W
Bromoform	**<1040**	ug/kg	2400	1040	40	09/23/09 11:21	09/24/09 10:03	75-25-2	L2,W
Bromomethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	74-83-9	W
n-Butylbenzene	**<1620**	ug/kg	2400	1620	40	09/23/09 11:21	09/24/09 10:03	104-51-8	W
sec-Butylbenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	135-98-8	W
tert-Butylbenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	98-06-6	W
Carbon tetrachloride	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	56-23-5	W
Chlorobenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	108-90-7	W
Chloroethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	75-00-3	W
Chloroform	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	67-66-3	W
Chloromethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	74-87-3	W
2-Chlorotoluene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	95-49-8	W
4-Chlorotoluene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	106-43-4	W
1,2-Dibromo-3-chloropropane	**<3290**	ug/kg	10000	3290	40	09/23/09 11:21	09/24/09 10:03	96-12-8	W
Dibromochloromethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	106-93-4	W
Dibromomethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	74-95-3	W
1,2-Dichlorobenzene	**<1780**	ug/kg	2400	1780	40	09/23/09 11:21	09/24/09 10:03	95-50-1	W
1,3-Dichlorobenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	541-73-1	W
1,4-Dichlorobenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	106-46-7	W
Dichlorodifluoromethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	75-71-8	W
1,1-Dichloroethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	75-34-3	W
1,2-Dichloroethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	107-06-2	W
1,1-Dichloroethene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	75-35-4	W
cis-1,2-Dichloroethene	**3410**	ug/kg	2890	1210	40	09/23/09 11:21	09/24/09 10:03	156-59-2	
trans-1,2-Dichloroethene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	156-60-5	W
1,2-Dichloropropane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	78-87-5	W
1,3-Dichloropropane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	142-28-9	W
2,2-Dichloropropane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	594-20-7	W
1,1-Dichloropropene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	563-58-6	W
cis-1,3-Dichloropropene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	10061-01-5	W
trans-1,3-Dichloropropene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	10061-02-6	W
Diisopropyl ether	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	108-20-3	W
Ethylbenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	100-41-4	W
Hexachloro-1,3-butadiene	**<1060**	ug/kg	2400	1060	40	09/23/09 11:21	09/24/09 10:03	87-68-3	W
Isopropylbenzene (Cumene)	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	98-82-8	W
p-Isopropyltoluene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	99-87-6	W
Methylene Chloride	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	75-09-2	W
Methyl-tert-butyl ether	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	1634-04-4	W
Naphthalene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	91-20-3	W
n-Propylbenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	103-65-1	W
Styrene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-15 (4') **Lab ID: 4022837001** Collected: 09/17/09 14:10 Received: 09/22/09 08:45 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	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	630-20-6	W
1,1,2,2-Tetrachloroethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	79-34-5	W
Tetrachloroethene	**167000**	ug/kg	2890	1210	40	09/23/09 11:21	09/24/09 10:03	127-18-4	
Toluene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	108-88-3	W
1,2,3-Trichlorobenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	87-61-6	W
1,2,4-Trichlorobenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	120-82-1	W
1,1,1-Trichloroethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	71-55-6	W
1,1,2-Trichloroethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	79-00-5	W
Trichloroethene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	79-01-6	W
Trichlorofluoromethane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	75-69-4	W
1,2,3-Trichloropropane	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	96-18-4	W
1,2,4-Trimethylbenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	95-63-6	W
1,3,5-Trimethylbenzene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	108-67-8	W
Vinyl chloride	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	75-01-4	W
m&p-Xylene	**<2000**	ug/kg	4800	2000	40	09/23/09 11:21	09/24/09 10:03	1330-20-7	W
o-Xylene	**<1000**	ug/kg	2400	1000	40	09/23/09 11:21	09/24/09 10:03	95-47-6	W
Dibromofluoromethane (S)	59	%	70-150		40	09/23/09 11:21	09/24/09 10:03	1868-53-7	10j
Toluene-d8 (S)	75	%	70-155		40	09/23/09 11:21	09/24/09 10:03	2037-26-5	
4-Bromofluorobenzene (S)	80	%	70-147		40	09/23/09 11:21	09/24/09 10:03	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.1**	%	0.10	0.10	1		09/29/09 08:35		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-15 (13'-14') **Lab ID: 4022837002** Collected: 09/17/09 14:20 Received: 09/22/09 08:45 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	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	71-43-2	W
Bromobenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	108-86-1	W
Bromochloromethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	74-97-5	W
Bromodichloromethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	75-27-4	W
Bromoform	**<1290**	ug/kg	3000	1290	50	09/23/09 11:21	09/24/09 10:26	75-25-2	L2,W
Bromomethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	74-83-9	W
n-Butylbenzene	**<2020**	ug/kg	3000	2020	50	09/23/09 11:21	09/24/09 10:26	104-51-8	W
sec-Butylbenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	135-98-8	W
tert-Butylbenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	98-06-6	W
Carbon tetrachloride	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	56-23-5	W
Chlorobenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	108-90-7	W
Chloroethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	75-00-3	W
Chloroform	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	67-66-3	W
Chloromethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	74-87-3	W
2-Chlorotoluene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	95-49-8	W
4-Chlorotoluene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	106-43-4	W
1,2-Dibromo-3-chloropropane	**<4120**	ug/kg	12500	4120	50	09/23/09 11:21	09/24/09 10:26	96-12-8	W
Dibromochloromethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	106-93-4	W
Dibromomethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	74-95-3	W
1,2-Dichlorobenzene	**<2220**	ug/kg	3000	2220	50	09/23/09 11:21	09/24/09 10:26	95-50-1	W
1,3-Dichlorobenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	541-73-1	W
1,4-Dichlorobenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	106-46-7	W
Dichlorodifluoromethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	75-71-8	W
1,1-Dichloroethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	75-34-3	W
1,2-Dichloroethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	107-06-2	W
1,1-Dichloroethene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	75-35-4	W
cis-1,2-Dichloroethene	**29000**	ug/kg	3520	1470	50	09/23/09 11:21	09/24/09 10:26	156-59-2	
trans-1,2-Dichloroethene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	156-60-5	W
1,2-Dichloropropane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	78-87-5	W
1,3-Dichloropropane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	142-28-9	W
2,2-Dichloropropane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	594-20-7	W
1,1-Dichloropropene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	563-58-6	W
cis-1,3-Dichloropropene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	10061-01-5	W
trans-1,3-Dichloropropene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	10061-02-6	W
Diisopropyl ether	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	108-20-3	W
Ethylbenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	100-41-4	W
Hexachloro-1,3-butadiene	**<1320**	ug/kg	3000	1320	50	09/23/09 11:21	09/24/09 10:26	87-68-3	W
Isopropylbenzene (Cumene)	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	98-82-8	W
p-Isopropyltoluene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	99-87-6	W
Methylene Chloride	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	75-09-2	W
Methyl-tert-butyl ether	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	1634-04-4	W
Naphthalene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	91-20-3	W
n-Propylbenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	103-65-1	W
Styrene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-15 (13'-14') **Lab ID: 4022837002** Collected: 09/17/09 14:20 Received: 09/22/09 08:45 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	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	630-20-6	W
1,1,2,2-Tetrachloroethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	79-34-5	W
Tetrachloroethene	**130000**	ug/kg	3520	1470	50	09/23/09 11:21	09/24/09 10:26	127-18-4	
Toluene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	108-88-3	W
1,2,3-Trichlorobenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	87-61-6	W
1,2,4-Trichlorobenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	120-82-1	W
1,1,1-Trichloroethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	71-55-6	W
1,1,2-Trichloroethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	79-00-5	W
Trichloroethene	**1740J**	ug/kg	3520	1470	50	09/23/09 11:21	09/24/09 10:26	79-01-6	
Trichlorofluoromethane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	75-69-4	W
1,2,3-Trichloropropane	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	96-18-4	W
1,2,4-Trimethylbenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	95-63-6	W
1,3,5-Trimethylbenzene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	108-67-8	W
Vinyl chloride	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	75-01-4	W
m&p-Xylene	**<2500**	ug/kg	6000	2500	50	09/23/09 11:21	09/24/09 10:26	1330-20-7	W
o-Xylene	**<1250**	ug/kg	3000	1250	50	09/23/09 11:21	09/24/09 10:26	95-47-6	W
Dibromofluoromethane (S)	59	%	70-150		50	09/23/09 11:21	09/24/09 10:26	1868-53-7	10j
Toluene-d8 (S)	80	%	70-155		50	09/23/09 11:21	09/24/09 10:26	2037-26-5	
4-Bromofluorobenzene (S)	74	%	70-147		50	09/23/09 11:21	09/24/09 10:26	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.8**	%	0.10	0.10	1		09/29/09 08:56		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-16 (4') **Lab ID: 4022837003** Collected: 09/17/09 13:40 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 13:37	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 13:37	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 13:37	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 13:37	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 13:37	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	75-35-4	W
cis-1,2-Dichloroethene	**2570**	ug/kg	73.5	30.6	1	09/23/09 11:21	09/23/09 13:37	156-59-2	
trans-1,2-Dichloroethene	**174**	ug/kg	73.5	30.6	1	09/23/09 11:21	09/23/09 13:37	156-60-5	
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 13:37	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-16 (4') **Lab ID: 4022837003** Collected: 09/17/09 13:40 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 13:37	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	79-34-5	W
Tetrachloroethene	**62.6J**	ug/kg	73.5	30.6	1	09/23/09 11:21	09/23/09 13:37	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	108-67-8	W
Vinyl chloride	**36.3J**	ug/kg	73.5	30.6	1	09/23/09 11:21	09/23/09 13:37	75-01-4	
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 13:37	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:37	95-47-6	W
Dibromofluoromethane (S)	91	%	70-150		1	09/23/09 11:21	09/23/09 13:37	1868-53-7	
Toluene-d8 (S)	99	%	70-155		1	09/23/09 11:21	09/23/09 13:37	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-147		1	09/23/09 11:21	09/23/09 13:37	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.4**	%	0.10	0.10	1		09/29/09 08:56		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-16 (14'-15') **Lab ID: 4022837004** Collected: 09/17/09 13:50 Received: 09/22/09 08:45 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	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	71-43-2	W
Bromobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	108-86-1	W
Bromochloromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	74-97-5	W
Bromodichloromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	75-27-4	W
Bromoform	**<25900**	ug/kg	60000	25900	1000	09/23/09 11:21	09/24/09 10:49	75-25-2	L2,W
Bromomethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	74-83-9	W
n-Butylbenzene	**<40400**	ug/kg	60000	40400	1000	09/23/09 11:21	09/24/09 10:49	104-51-8	W
sec-Butylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	135-98-8	W
tert-Butylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	98-06-6	W
Carbon tetrachloride	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	56-23-5	W
Chlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	108-90-7	W
Chloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	75-00-3	W
Chloroform	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	67-66-3	W
Chloromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	74-87-3	W
2-Chlorotoluene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	95-49-8	W
4-Chlorotoluene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82300**	ug/kg	250000	82300	1000	09/23/09 11:21	09/24/09 10:49	96-12-8	W
Dibromochloromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	106-93-4	W
Dibromomethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	74-95-3	W
1,2-Dichlorobenzene	**<44400**	ug/kg	60000	44400	1000	09/23/09 11:21	09/24/09 10:49	95-50-1	W
1,3-Dichlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	541-73-1	W
1,4-Dichlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	106-46-7	W
Dichlorodifluoromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	75-71-8	W
1,1-Dichloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	75-34-3	W
1,2-Dichloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	107-06-2	W
1,1-Dichloroethene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	75-35-4	W
cis-1,2-Dichloroethene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	156-59-2	W
trans-1,2-Dichloroethene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	156-60-5	W
1,2-Dichloropropane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	78-87-5	W
1,3-Dichloropropane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	142-28-9	W
2,2-Dichloropropane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	594-20-7	W
1,1-Dichloropropene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	563-58-6	W
cis-1,3-Dichloropropene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	10061-01-5	W
trans-1,3-Dichloropropene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	10061-02-6	W
Diisopropyl ether	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	108-20-3	W
Ethylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	100-41-4	W
Hexachloro-1,3-butadiene	**<26400**	ug/kg	60000	26400	1000	09/23/09 11:21	09/24/09 10:49	87-68-3	W
Isopropylbenzene (Cumene)	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	98-82-8	W
p-Isopropyltoluene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	99-87-6	W
Methylene Chloride	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	75-09-2	W
Methyl-tert-butyl ether	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	1634-04-4	W
Naphthalene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	91-20-3	W
n-Propylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	103-65-1	W
Styrene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-16 (14'-15') **Lab ID: 4022837004** Collected: 09/17/09 13:50 Received: 09/22/09 08:45 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	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	79-34-5	W
Tetrachloroethene	**3370000**	ug/kg	78100	32500	1000	09/23/09 11:21	09/24/09 10:49	127-18-4	
Toluene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	108-88-3	W
1,2,3-Trichlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	87-61-6	W
1,2,4-Trichlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	120-82-1	W
1,1,1-Trichloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	71-55-6	W
1,1,2-Trichloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	79-00-5	W
Trichloroethene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	79-01-6	W
Trichlorofluoromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	75-69-4	W
1,2,3-Trichloropropane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	96-18-4	W
1,2,4-Trimethylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	95-63-6	W
1,3,5-Trimethylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	108-67-8	W
Vinyl chloride	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	75-01-4	W
m&p-Xylene	**<50000**	ug/kg	120000	50000	1000	09/23/09 11:21	09/24/09 10:49	1330-20-7	W
o-Xylene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 10:49	95-47-6	W
Dibromofluoromethane (S)	0	%	70-150		1000	09/23/09 11:21	09/24/09 10:49	1868-53-7	S4
Toluene-d8 (S)	0	%	70-155		1000	09/23/09 11:21	09/24/09 10:49	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	70-147		1000	09/23/09 11:21	09/24/09 10:49	460-00-4	S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.2**	%	0.10	0.10	1		09/29/09 08:56		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-17 (4') **Lab ID: 4022837005** Collected: 09/17/09 15:20 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 13:14	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 13:14	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 13:14	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 13:14	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 13:14	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	156-59-2	W
trans-1,2-Dichloroethene	**275**	ug/kg	73.9	30.8	1	09/23/09 11:21	09/23/09 13:14	156-60-5	
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 13:14	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-17 (4') **Lab ID: 4022837005** Collected: 09/17/09 15:20 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 13:14	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	79-34-5	W
Tetrachloroethene	**269**	ug/kg	73.9	30.8	1	09/23/09 11:21	09/23/09 13:14	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 13:14	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 13:14	95-47-6	W
Dibromofluoromethane (S)	83	%	70-150		1	09/23/09 11:21	09/23/09 13:14	1868-53-7	
Toluene-d8 (S)	92	%	70-155		1	09/23/09 11:21	09/23/09 13:14	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-147		1	09/23/09 11:21	09/23/09 13:14	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.8**	%	0.10	0.10	1		09/29/09 08:56		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-17 (14'-15') **Lab ID: 4022837006** Collected: 09/17/09 15:30 Received: 09/22/09 08:45 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	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	71-43-2	W
Bromobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	108-86-1	W
Bromochloromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	74-97-5	W
Bromodichloromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	75-27-4	W
Bromoform	**<25900**	ug/kg	60000	25900	1000	09/23/09 11:21	09/24/09 11:12	75-25-2	L2,W
Bromomethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	74-83-9	W
n-Butylbenzene	**<40400**	ug/kg	60000	40400	1000	09/23/09 11:21	09/24/09 11:12	104-51-8	W
sec-Butylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	135-98-8	W
tert-Butylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	98-06-6	W
Carbon tetrachloride	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	56-23-5	W
Chlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	108-90-7	W
Chloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	75-00-3	W
Chloroform	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	67-66-3	W
Chloromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	74-87-3	W
2-Chlorotoluene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	95-49-8	W
4-Chlorotoluene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82300**	ug/kg	250000	82300	1000	09/23/09 11:21	09/24/09 11:12	96-12-8	W
Dibromochloromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	106-93-4	W
Dibromomethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	74-95-3	W
1,2-Dichlorobenzene	**<44400**	ug/kg	60000	44400	1000	09/23/09 11:21	09/24/09 11:12	95-50-1	W
1,3-Dichlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	541-73-1	W
1,4-Dichlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	106-46-7	W
Dichlorodifluoromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	75-71-8	W
1,1-Dichloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	75-34-3	W
1,2-Dichloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	107-06-2	W
1,1-Dichloroethene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	75-35-4	W
cis-1,2-Dichloroethene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	156-59-2	W
trans-1,2-Dichloroethene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	156-60-5	W
1,2-Dichloropropane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	78-87-5	W
1,3-Dichloropropane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	142-28-9	W
2,2-Dichloropropane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	594-20-7	W
1,1-Dichloropropene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	563-58-6	W
cis-1,3-Dichloropropene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	10061-01-5	W
trans-1,3-Dichloropropene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	10061-02-6	W
Diisopropyl ether	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	108-20-3	W
Ethylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	100-41-4	W
Hexachloro-1,3-butadiene	**<26400**	ug/kg	60000	26400	1000	09/23/09 11:21	09/24/09 11:12	87-68-3	W
Isopropylbenzene (Cumene)	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	98-82-8	W
p-Isopropyltoluene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	99-87-6	W
Methylene Chloride	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	75-09-2	W
Methyl-tert-butyl ether	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	1634-04-4	W
Naphthalene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	91-20-3	W
n-Propylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	103-65-1	W
Styrene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: B-17 (14'-15') **Lab ID: 4022837006** Collected: 09/17/09 15:30 Received: 09/22/09 08:45 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	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	79-34-5	W
Tetrachloroethene	**2300000**	ug/kg	73200	30500	1000	09/23/09 11:21	09/24/09 11:12	127-18-4	
Toluene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	108-88-3	W
1,2,3-Trichlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	87-61-6	W
1,2,4-Trichlorobenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	120-82-1	W
1,1,1-Trichloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	71-55-6	W
1,1,2-Trichloroethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	79-00-5	W
Trichloroethene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	79-01-6	W
Trichlorofluoromethane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	75-69-4	W
1,2,3-Trichloropropane	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	96-18-4	W
1,2,4-Trimethylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	95-63-6	W
1,3,5-Trimethylbenzene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	108-67-8	W
Vinyl chloride	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	75-01-4	W
m&p-Xylene	**<50000**	ug/kg	120000	50000	1000	09/23/09 11:21	09/24/09 11:12	1330-20-7	W
o-Xylene	**<25000**	ug/kg	60000	25000	1000	09/23/09 11:21	09/24/09 11:12	95-47-6	W
Dibromofluoromethane (S)	0	%	70-150		1000	09/23/09 11:21	09/24/09 11:12	1868-53-7	S4
Toluene-d8 (S)	0	%	70-155		1000	09/23/09 11:21	09/24/09 11:12	2037-26-5	S4
4-Bromofluorobenzene (S)	0	%	70-147		1000	09/23/09 11:21	09/24/09 11:12	460-00-4	S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.1**	%	0.10	0.10	1		09/29/09 08:56		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-8 (2'-3') **Lab ID: 4022837007** Collected: 09/18/09 12:30 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**8.2**	mg/kg	2.2	0.13	1	09/23/09 10:45	09/23/09 23:56	7440-38-2	
Barium	**79.7**	mg/kg	0.56	0.032	1	09/23/09 10:45	09/23/09 23:56	7440-39-3	
Cadmium	**0.26J**	mg/kg	0.56	0.018	1	09/23/09 10:45	09/23/09 23:56	7440-43-9	
Chromium	**25.0**	mg/kg	0.56	0.053	1	09/23/09 10:45	09/23/09 23:56	7440-47-3	
Lead	**12.6**	mg/kg	1.1	0.077	1	09/23/09 10:45	09/23/09 23:56	7439-92-1	
Selenium	**<0.27**	mg/kg	2.2	0.27	1	09/23/09 10:45	09/23/09 23:56	7782-49-2	
Silver	**0.16J**	mg/kg	1.1	0.021	1	09/23/09 10:45	09/23/09 23:56	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.043**	mg/kg	0.012	0.0021	1	09/24/09 14:23	09/25/09 13:55	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<1.1**	ug/kg	20.0	1.1	1	09/23/09 08:27	09/24/09 18:18	83-32-9	
Acenaphthylene	**<2.0**	ug/kg	20.0	2.0	1	09/23/09 08:27	09/24/09 18:18	208-96-8	
Anthracene	**<5.5**	ug/kg	20.0	5.5	1	09/23/09 08:27	09/24/09 18:18	120-12-7	
Benzo(a)anthracene	**<10.0**	ug/kg	20.0	10.0	1	09/23/09 08:27	09/24/09 18:18	56-55-3	
Benzo(a)pyrene	**<4.4**	ug/kg	20.0	4.4	1	09/23/09 08:27	09/24/09 18:18	50-32-8	
Benzo(b)fluoranthene	**<6.8**	ug/kg	20.0	6.8	1	09/23/09 08:27	09/24/09 18:18	205-99-2	
Benzo(g,h,i)perylene	**<5.1**	ug/kg	20.0	5.1	1	09/23/09 08:27	09/24/09 18:18	191-24-2	
Benzo(k)fluoranthene	**<7.5**	ug/kg	20.0	7.5	1	09/23/09 08:27	09/24/09 18:18	207-08-9	
Chrysene	**<4.1**	ug/kg	20.0	4.1	1	09/23/09 08:27	09/24/09 18:18	218-01-9	
Dibenz(a,h)anthracene	**<5.6**	ug/kg	20.0	5.6	1	09/23/09 08:27	09/24/09 18:18	53-70-3	
Fluoranthene	**<1.3**	ug/kg	20.0	1.3	1	09/23/09 08:27	09/24/09 18:18	206-44-0	
Fluorene	**<1.1**	ug/kg	20.0	1.1	1	09/23/09 08:27	09/24/09 18:18	86-73-7	
Indeno(1,2,3-cd)pyrene	**<5.0**	ug/kg	20.0	5.0	1	09/23/09 08:27	09/24/09 18:18	193-39-5	
1-Methylnaphthalene	**<2.2**	ug/kg	20.0	2.2	1	09/23/09 08:27	09/24/09 18:18	90-12-0	
2-Methylnaphthalene	**<2.2**	ug/kg	20.0	2.2	1	09/23/09 08:27	09/24/09 18:18	91-57-6	
Naphthalene	**3.6J**	ug/kg	20.0	1.5	1	09/23/09 08:27	09/24/09 18:18	91-20-3	Z2
Phenanthrene	**<2.4**	ug/kg	20.0	2.4	1	09/23/09 08:27	09/24/09 18:18	85-01-8	
Pyrene	**<1.2**	ug/kg	20.0	1.2	1	09/23/09 08:27	09/24/09 18:18	129-00-0	
2-Fluorobiphenyl (S)	70	%	38-130		1	09/23/09 08:27	09/24/09 18:18	321-60-8	
Terphenyl-d14 (S)	77	%	41-130		1	09/23/09 08:27	09/24/09 18:18	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.8**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-8 (5'-6') **Lab ID: 4022837008** Collected: 09/18/09 12:35 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 14:00	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 14:00	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 14:00	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 14:00	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 14:00	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 14:00	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-8 (5'-6') **Lab ID: 4022837008** Collected: 09/18/09 12:35 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 14:00	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	79-34-5	W
Tetrachloroethene	**334**	ug/kg	70.4	29.3	1	09/23/09 11:21	09/23/09 14:00	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 14:00	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:00	95-47-6	W
Dibromofluoromethane (S)	84	%	70-150		1	09/23/09 11:21	09/23/09 14:00	1868-53-7	
Toluene-d8 (S)	94	%	70-155		1	09/23/09 11:21	09/23/09 14:00	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-147		1	09/23/09 11:21	09/23/09 14:00	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.8**	%	0.10	0.10	1		09/29/09 08:57		

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

ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-9 (21'-22') **Lab ID: 4022837009** Collected: 09/17/09 16:20 Received: 09/22/09 08:45 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	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	71-43-2	W
Bromobenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	108-86-1	W
Bromochloromethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	74-97-5	W
Bromodichloromethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	75-27-4	W
Bromoform	**<647**	ug/kg	1500	647	25	09/23/09 11:21	09/24/09 09:40	75-25-2	L2,W
Bromomethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	74-83-9	W
n-Butylbenzene	**<1010**	ug/kg	1500	1010	25	09/23/09 11:21	09/24/09 09:40	104-51-8	W
sec-Butylbenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	135-98-8	W
tert-Butylbenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	98-06-6	W
Carbon tetrachloride	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	56-23-5	W
Chlorobenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	108-90-7	W
Chloroethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	75-00-3	W
Chloroform	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	67-66-3	W
Chloromethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	74-87-3	W
2-Chlorotoluene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	95-49-8	W
4-Chlorotoluene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	106-43-4	W
1,2-Dibromo-3-chloropropane	**<2060**	ug/kg	6250	2060	25	09/23/09 11:21	09/24/09 09:40	96-12-8	W
Dibromochloromethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	106-93-4	W
Dibromomethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	74-95-3	W
1,2-Dichlorobenzene	**<1110**	ug/kg	1500	1110	25	09/23/09 11:21	09/24/09 09:40	95-50-1	W
1,3-Dichlorobenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	541-73-1	W
1,4-Dichlorobenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	106-46-7	W
Dichlorodifluoromethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	75-71-8	W
1,1-Dichloroethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	75-34-3	W
1,2-Dichloroethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	107-06-2	W
1,1-Dichloroethene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	75-35-4	W
cis-1,2-Dichloroethene	**8920**	ug/kg	1780	742	25	09/23/09 11:21	09/24/09 09:40	156-59-2	
trans-1,2-Dichloroethene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	156-60-5	W
1,2-Dichloropropane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	78-87-5	W
1,3-Dichloropropane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	142-28-9	W
2,2-Dichloropropane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	594-20-7	W
1,1-Dichloropropene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	563-58-6	W
cis-1,3-Dichloropropene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	10061-01-5	W
trans-1,3-Dichloropropene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	10061-02-6	W
Diisopropyl ether	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	108-20-3	W
Ethylbenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	100-41-4	W
Hexachloro-1,3-butadiene	**<660**	ug/kg	1500	660	25	09/23/09 11:21	09/24/09 09:40	87-68-3	W
Isopropylbenzene (Cumene)	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	98-82-8	W
p-Isopropyltoluene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	99-87-6	W
Methylene Chloride	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	75-09-2	W
Methyl-tert-butyl ether	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	1634-04-4	W
Naphthalene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	91-20-3	W
n-Propylbenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	103-65-1	W
Styrene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-9 (21'-22') **Lab ID: 4022837009** Collected: 09/17/09 16:20 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	630-20-6	W
1,1,2,2-Tetrachloroethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	79-34-5	W
Tetrachloroethene	**141000**	ug/kg	1780	742	25	09/23/09 11:21	09/24/09 09:40	127-18-4	
Toluene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	108-88-3	W
1,2,3-Trichlorobenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	87-61-6	W
1,2,4-Trichlorobenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	120-82-1	W
1,1,1-Trichloroethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	71-55-6	W
1,1,2-Trichloroethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	79-00-5	W
Trichloroethene	**1390J**	ug/kg	1780	742	25	09/23/09 11:21	09/24/09 09:40	79-01-6	
Trichlorofluoromethane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	75-69-4	W
1,2,3-Trichloropropane	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	96-18-4	W
1,2,4-Trimethylbenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	95-63-6	W
1,3,5-Trimethylbenzene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	108-67-8	W
Vinyl chloride	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	75-01-4	W
m&p-Xylene	**<1250**	ug/kg	3000	1250	25	09/23/09 11:21	09/24/09 09:40	1330-20-7	W
o-Xylene	**<625**	ug/kg	1500	625	25	09/23/09 11:21	09/24/09 09:40	95-47-6	W
Dibromofluoromethane (S)	63	%	70-150		25	09/23/09 11:21	09/24/09 09:40	1868-53-7	10j
Toluene-d8 (S)	76	%	70-155		25	09/23/09 11:21	09/24/09 09:40	2037-26-5	
4-Bromofluorobenzene (S)	82	%	70-147		25	09/23/09 11:21	09/24/09 09:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.7**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-9 (29'-30') **Lab ID: 4022837010** Collected: 09/17/09 16:30 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 17:02	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 17:02	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 17:02	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 17:02	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 17:02	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	75-35-4	W
cis-1,2-Dichloroethene	**30.3J**	ug/kg	69.8	29.1	1	09/23/09 11:21	09/23/09 17:02	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 17:02	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-9 (29'-30') **Lab ID: 4022837010** Collected: 09/17/09 16:30 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 17:02	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	79-34-5	W
Tetrachloroethene	**992**	ug/kg	69.8	29.1	1	09/23/09 11:21	09/23/09 17:02	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 17:02	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 17:02	95-47-6	W
Dibromofluoromethane (S)	85	%	70-150		1	09/23/09 11:21	09/23/09 17:02	1868-53-7	
Toluene-d8 (S)	96	%	70-155		1	09/23/09 11:21	09/23/09 17:02	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-147		1	09/23/09 11:21	09/23/09 17:02	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.0**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-10 (2') **Lab ID: 4022837011** Collected: 09/18/09 10:20 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**4.9**	mg/kg	2.4	0.14	1	09/23/09 10:45	09/24/09 00:00	7440-38-2	
Barium	**72.6**	mg/kg	0.59	0.034	1	09/23/09 10:45	09/24/09 00:00	7440-39-3	
Cadmium	**0.29J**	mg/kg	0.59	0.019	1	09/23/09 10:45	09/24/09 00:00	7440-43-9	
Chromium	**20.1**	mg/kg	0.59	0.056	1	09/23/09 10:45	09/24/09 00:00	7440-47-3	
Lead	**21.5**	mg/kg	1.2	0.082	1	09/23/09 10:45	09/24/09 00:00	7439-92-1	
Selenium	**<0.28**	mg/kg	2.4	0.28	1	09/23/09 10:45	09/24/09 00:00	7782-49-2	
Silver	**0.16J**	mg/kg	1.2	0.023	1	09/23/09 10:45	09/24/09 00:00	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.040**	mg/kg	0.012	0.0021	1	09/24/09 14:23	09/25/09 13:57	7439-97-6	
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	09/23/09 11:21	09/23/09 16:40	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 16:40	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 16:40	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 16:40	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 16:40	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	563-58-6	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-10 (2') **Lab ID: 4022837011** Collected: 09/18/09 10:20 Received: 09/22/09 08:45 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								
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 16:40	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 16:40	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:40	95-47-6	W
Dibromofluoromethane (S)	88	%	70-150		1	09/23/09 11:21	09/23/09 16:40	1868-53-7	
Toluene-d8 (S)	96	%	70-155		1	09/23/09 11:21	09/23/09 16:40	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-147		1	09/23/09 11:21	09/23/09 16:40	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.1**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-10 (7') **Lab ID: 4022837012** Collected: 09/18/09 10:30 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**2.4**	mg/kg	2.1	0.12	1	09/23/09 10:45	09/24/09 00:04	7440-38-2	
Barium	**36.6**	mg/kg	0.52	0.030	1	09/23/09 10:45	09/24/09 00:04	7440-39-3	
Cadmium	**0.14J**	mg/kg	0.52	0.016	1	09/23/09 10:45	09/24/09 00:04	7440-43-9	
Chromium	**12.4**	mg/kg	0.52	0.049	1	09/23/09 10:45	09/24/09 00:04	7440-47-3	
Lead	**5.8**	mg/kg	1.0	0.072	1	09/23/09 10:45	09/24/09 00:04	7439-92-1	
Selenium	**0.36J**	mg/kg	2.1	0.25	1	09/23/09 10:45	09/24/09 00:04	7782-49-2	
Silver	**0.072J**	mg/kg	1.0	0.020	1	09/23/09 10:45	09/24/09 00:04	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.013**	mg/kg	0.012	0.0021	1	09/24/09 14:23	09/25/09 13:50	7439-97-6	
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	09/23/09 11:21	09/23/09 16:17	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 16:17	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 16:17	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 16:17	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 16:17	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	75-35-4	W
cis-1,2-Dichloroethene	**57.0J**	ug/kg	70.5	29.4	1	09/23/09 11:21	09/23/09 16:17	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	563-58-6	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-10 (7') **Lab ID: 4022837012** Collected: 09/18/09 10:30 Received: 09/22/09 08:45 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								
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 16:17	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 16:17	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 16:17	95-47-6	W
Dibromofluoromethane (S)	93	%	70-150		1	09/23/09 11:21	09/23/09 16:17	1868-53-7	
Toluene-d8 (S)	102	%	70-155		1	09/23/09 11:21	09/23/09 16:17	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-147		1	09/23/09 11:21	09/23/09 16:17	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.9**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-11 (2') **Lab ID: 4022837013** Collected: 09/18/09 09:55 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**4.2**	mg/kg	2.2	0.13	1	09/23/09 10:45	09/24/09 00:09	7440-38-2	
Barium	**86.9**	mg/kg	0.56	0.032	1	09/23/09 10:45	09/24/09 00:09	7440-39-3	
Cadmium	**0.16J**	mg/kg	0.56	0.018	1	09/23/09 10:45	09/24/09 00:09	7440-43-9	
Chromium	**24.3**	mg/kg	0.56	0.053	1	09/23/09 10:45	09/24/09 00:09	7440-47-3	
Lead	**13.4**	mg/kg	1.1	0.077	1	09/23/09 10:45	09/24/09 00:09	7439-92-1	
Selenium	**<0.27**	mg/kg	2.2	0.27	1	09/23/09 10:45	09/24/09 00:09	7782-49-2	
Silver	**0.16J**	mg/kg	1.1	0.021	1	09/23/09 10:45	09/24/09 00:09	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.049**	mg/kg	0.012	0.0021	1	09/24/09 14:23	09/25/09 13:58	7439-97-6	
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	09/23/09 11:21	09/23/09 15:54	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 15:54	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 15:54	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 15:54	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 15:54	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	563-58-6	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-11 (2') **Lab ID: 4022837013** Collected: 09/18/09 09:55 Received: 09/22/09 08:45 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								
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 15:54	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 15:54	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:54	95-47-6	W
Dibromofluoromethane (S)	95	%	70-150		1	09/23/09 11:21	09/23/09 15:54	1868-53-7	
Toluene-d8 (S)	105	%	70-155		1	09/23/09 11:21	09/23/09 15:54	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-147		1	09/23/09 11:21	09/23/09 15:54	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.8**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-11 (6') **Lab ID: 4022837014** Collected: 09/18/09 10:10 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**2.9**	mg/kg	2.3	0.13	1	09/23/09 10:45	09/24/09 00:13	7440-38-2	
Barium	**63.1**	mg/kg	0.58	0.033	1	09/23/09 10:45	09/24/09 00:13	7440-39-3	
Cadmium	**<0.018**	mg/kg	0.58	0.018	1	09/23/09 10:45	09/24/09 00:13	7440-43-9	
Chromium	**24.1**	mg/kg	0.58	0.054	1	09/23/09 10:45	09/24/09 00:13	7440-47-3	
Lead	**12.4**	mg/kg	1.2	0.080	1	09/23/09 10:45	09/24/09 00:13	7439-92-1	
Selenium	**<0.28**	mg/kg	2.3	0.28	1	09/23/09 10:45	09/24/09 00:13	7782-49-2	
Silver	**0.086J**	mg/kg	1.2	0.022	1	09/23/09 10:45	09/24/09 00:13	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.029**	mg/kg	0.012	0.0022	1	09/24/09 14:23	09/25/09 13:59	7439-97-6	
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	09/23/09 11:21	09/23/09 15:31	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 15:31	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 15:31	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 15:31	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 15:31	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	563-58-6	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-11 (6') **Lab ID: 4022837014** Collected: 09/18/09 10:10 Received: 09/22/09 08:45 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								
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 15:31	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 15:31	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:31	95-47-6	W
Dibromofluoromethane (S)	85	%	70-150		1	09/23/09 11:21	09/23/09 15:31	1868-53-7	
Toluene-d8 (S)	90	%	70-155		1	09/23/09 11:21	09/23/09 15:31	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-147		1	09/23/09 11:21	09/23/09 15:31	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.0**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-12 (0-2) **Lab ID: 4022837015** Collected: 09/18/09 12:00 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**4.8**	mg/kg	2.5	0.15	1	09/23/09 10:45	09/24/09 00:17	7440-38-2	
Barium	**54.5**	mg/kg	0.64	0.036	1	09/23/09 10:45	09/24/09 00:17	7440-39-3	
Cadmium	**0.32J**	mg/kg	0.64	0.020	1	09/23/09 10:45	09/24/09 00:17	7440-43-9	
Chromium	**15.8**	mg/kg	0.64	0.060	1	09/23/09 10:45	09/24/09 00:17	7440-47-3	
Lead	**11.1**	mg/kg	1.3	0.088	1	09/23/09 10:45	09/24/09 00:17	7439-92-1	
Selenium	**<0.30**	mg/kg	2.5	0.30	1	09/23/09 10:45	09/24/09 00:17	7782-49-2	
Silver	**0.12J**	mg/kg	1.3	0.024	1	09/23/09 10:45	09/24/09 00:17	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.069**	mg/kg	0.013	0.0022	1	09/24/09 14:23	09/25/09 14:03	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.5**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-12 (4-5) **Lab ID: 4022837016** Collected: 09/18/09 12:10 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 15:08	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 15:08	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 15:08	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 15:08	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 15:08	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 15:08	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: MW-12 (4-5) **Lab ID: 4022837016** Collected: 09/18/09 12:10 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 15:08	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 15:08	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 15:08	95-47-6	W
Dibromofluoromethane (S)	92	%	70-150		1	09/23/09 11:21	09/23/09 15:08	1868-53-7	
Toluene-d8 (S)	101	%	70-155		1	09/23/09 11:21	09/23/09 15:08	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-147		1	09/23/09 11:21	09/23/09 15:08	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.1**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: WASTE PROFILE **Lab ID: 4022837017** Collected: 09/18/09 12:30 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 09/24/09 00:00								
Arsenic	**0.014J**	mg/L	1.0	0.0072	1	09/25/09 08:55	09/25/09 23:06	7440-38-2	
Barium	**0.50J**	mg/L	1.0	0.00090	1	09/25/09 08:55	09/28/09 19:01	7440-39-3	
Cadmium	**0.0031J**	mg/L	0.25	0.00063	1	09/25/09 08:55	09/25/09 23:06	7440-43-9	1j
Chromium	**0.0055J**	mg/L	0.25	0.0016	1	09/25/09 08:55	09/25/09 23:06	7440-47-3	2j
Copper	**0.014J**	mg/L	0.25	0.0014	1	09/25/09 08:55	09/25/09 23:06	7440-50-8	5j,B
Lead	**0.0040J**	mg/L	1.0	0.0038	1	09/25/09 08:55	09/25/09 23:06	7439-92-1	4j
Nickel	**0.020J**	mg/L	0.25	0.0011	1	09/25/09 08:55	09/25/09 23:06	7440-02-0	3j
Selenium	**<0.017**	mg/L	1.0	0.017	1	09/25/09 08:55	09/25/09 23:06	7782-49-2	
Silver	**<0.0021**	mg/L	0.25	0.0021	1	09/25/09 08:55	09/25/09 23:06	7440-22-4	
Zinc	**0.012J**	mg/L	1.0	0.010	1	09/25/09 08:55	09/25/09 23:06	7440-66-6	6j
7470 Mercury, TCLP	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1311; 09/24/09 00:00								
Mercury	**0.18J**	ug/L	0.20	0.10	1	09/25/09 09:12	09/25/09 15:25	7439-97-6	11j
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
	Leachate Method/Date: EPA 1311; 09/24/09 00:00								
1,4-Dichlorobenzene	**<21.5**	ug/L	125	21.5	5	10/01/09 08:00	10/02/09 15:17	106-46-7	
2,4-Dinitrotoluene	**<20.1**	ug/L	125	20.1	5	10/01/09 08:00	10/02/09 15:17	121-14-2	
Hexachloro-1,3-butadiene	**<16.5**	ug/L	250	16.5	5	10/01/09 08:00	10/02/09 15:17	87-68-3	
Hexachlorobenzene	**<27.8**	ug/L	125	27.8	5	10/01/09 08:00	10/02/09 15:17	118-74-1	
Hexachloroethane	**<14.6**	ug/L	125	14.6	5	10/01/09 08:00	10/02/09 15:17	67-72-1	
2-Methylphenol(o-Cresol)	**<24.3**	ug/L	125	24.3	5	10/01/09 08:00	10/02/09 15:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	**<19.2**	ug/L	125	19.2	5	10/01/09 08:00	10/02/09 15:17		
Nitrobenzene	**<34.1**	ug/L	125	34.1	5	10/01/09 08:00	10/02/09 15:17	98-95-3	
Pentachlorophenol	**<26.9**	ug/L	250	26.9	5	10/01/09 08:00	10/02/09 15:17	87-86-5	
Pyridine	**<35.8**	ug/L	125	35.8	5	10/01/09 08:00	10/02/09 15:17	110-86-1	
2,4,5-Trichlorophenol	**<24.9**	ug/L	125	24.9	5	10/01/09 08:00	10/02/09 15:17	95-95-4	
2,4,6-Trichlorophenol	**<26.7**	ug/L	125	26.7	5	10/01/09 08:00	10/02/09 15:17	88-06-2	
Nitrobenzene-d5 (S)	84	%	66-130		5	10/01/09 08:00	10/02/09 15:17	4165-60-0	
2-Fluorobiphenyl (S)	93	%	66-130		5	10/01/09 08:00	10/02/09 15:17	321-60-8	
Phenol-d6 (S)	25	%	20-130		5	10/01/09 08:00	10/02/09 15:17	13127-88-3	
2,4,6-Tribromophenol (S)	70	%	42-130		5	10/01/09 08:00	10/02/09 15:17	118-79-6	
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	**<4.1**	ug/L	10.0	4.1	1		09/30/09 16:31	71-43-2	
2-Butanone (MEK)	**<43.0**	ug/L	50.0	43.0	1		09/30/09 16:31	78-93-3	
Carbon tetrachloride	**<4.9**	ug/L	10.0	4.9	1		09/30/09 16:31	56-23-5	
Chlorobenzene	**<4.1**	ug/L	10.0	4.1	1		09/30/09 16:31	108-90-7	
Chloroform	**<3.7**	ug/L	10.0	3.7	1		09/30/09 16:31	67-66-3	
1,2-Dichloroethane	**<3.6**	ug/L	10.0	3.6	1		09/30/09 16:31	107-06-2	
1,1-Dichloroethene	**<5.7**	ug/L	10.0	5.7	1		09/30/09 16:31	75-35-4	
Tetrachloroethene	**2350**	ug/L	10.0	4.5	1		09/30/09 16:31	127-18-4	

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: WASTE PROFILE **Lab ID: 4022837017** Collected: 09/18/09 12:30 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP	Analytical Method: EPA 8260								
Trichloroethene	**7.5J**	ug/L	10.0	4.8	1		09/30/09 16:31	79-01-6	
Vinyl chloride	**<1.8**	ug/L	10.0	1.8	1		09/30/09 16:31	75-01-4	
Toluene-d8 (S)	93	%	70-130		1		09/30/09 16:31	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		09/30/09 16:31	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		09/30/09 16:31	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.9**	%	0.10	0.10	1		09/29/09 08:57		
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010								
Flashpoint	**>210**	deg F			1		09/23/09 11:30		
9045 pH Soil	Analytical Method: EPA 9045								
pH at 25 Degrees C	**8.1**	Std. Units	0.10	0.010	1		09/30/09 11:05		
9095 Paint Filter Liquid Test	Analytical Method: EPA 9095								
Free Liquids	**Pass**				1		09/28/09 11:14		
Specific Gravity	Analytical Method: SM 2710F								
Specific Gravity	**1.85**				1		09/29/09 15:00		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: PZ-2 (5-6') **Lab ID: 4022837018** Collected: 09/17/09 10:20 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 14:45	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	09/23/09 11:21	09/23/09 14:45	75-25-2	L2,W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	09/23/09 11:21	09/23/09 14:45	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	09/23/09 11:21	09/23/09 14:45	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	124-48-1	L2,W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	09/23/09 11:21	09/23/09 14:45	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	75-35-4	W
cis-1,2-Dichloroethene	**32.6J**	ug/kg	66.7	27.8	1	09/23/09 11:21	09/23/09 14:45	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	09/23/09 11:21	09/23/09 14:45	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	100-42-5	W

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: PZ-2 (5-6') **Lab ID: 4022837018** Collected: 09/17/09 10:20 Received: 09/22/09 08:45 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	09/23/09 11:21	09/23/09 14:45	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	79-34-5	W
Tetrachloroethene	**1840**	ug/kg	66.7	27.8	1	09/23/09 11:21	09/23/09 14:45	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	79-00-5	W
Trichloroethene	**47.9J**	ug/kg	66.7	27.8	1	09/23/09 11:21	09/23/09 14:45	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	09/23/09 11:21	09/23/09 14:45	1330-20-7	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	09/23/09 11:21	09/23/09 14:45	95-47-6	W
Dibromofluoromethane (S)	94	%	70-150		1	09/23/09 11:21	09/23/09 14:45	1868-53-7	
Toluene-d8 (S)	103	%	70-155		1	09/23/09 11:21	09/23/09 14:45	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-147		1	09/23/09 11:21	09/23/09 14:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.1**	%	0.10	0.10	1		09/29/09 08:57		

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ANALYTICAL RESULTS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

Sample: PZ-3 (3-4') **Lab ID: 4022837019** Collected: 09/17/09 10:10 Received: 09/22/09 08:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	**5.5**	mg/kg	2.4	0.14	1	09/23/09 10:45	09/24/09 00:21	7440-38-2	
Barium	**79.6**	mg/kg	0.59	0.033	1	09/23/09 10:45	09/24/09 00:21	7440-39-3	
Cadmium	**0.20J**	mg/kg	0.59	0.019	1	09/23/09 10:45	09/24/09 00:21	7440-43-9	
Chromium	**21.9**	mg/kg	0.59	0.056	1	09/23/09 10:45	09/24/09 00:21	7440-47-3	
Lead	**16.4**	mg/kg	1.2	0.082	1	09/23/09 10:45	09/24/09 00:21	7439-92-1	
Selenium	**<0.28**	mg/kg	2.4	0.28	1	09/23/09 10:45	09/24/09 00:21	7782-49-2	
Silver	**0.088J**	mg/kg	1.2	0.023	1	09/23/09 10:45	09/24/09 00:21	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	**0.046**	mg/kg	0.012	0.0021	1	09/24/09 14:23	09/25/09 14:05	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<1.1**	ug/kg	20.2	1.1	1	09/23/09 08:27	09/24/09 18:01	83-32-9	
Acenaphthylene	**<2.1**	ug/kg	20.2	2.1	1	09/23/09 08:27	09/24/09 18:01	208-96-8	
Anthracene	**<5.5**	ug/kg	20.2	5.5	1	09/23/09 08:27	09/24/09 18:01	120-12-7	
Benzo(a)anthracene	**<10.1**	ug/kg	20.2	10.1	1	09/23/09 08:27	09/24/09 18:01	56-55-3	
Benzo(a)pyrene	**<4.4**	ug/kg	20.2	4.4	1	09/23/09 08:27	09/24/09 18:01	50-32-8	
Benzo(b)fluoranthene	**<6.8**	ug/kg	20.2	6.8	1	09/23/09 08:27	09/24/09 18:01	205-99-2	
Benzo(g,h,i)perylene	**<5.1**	ug/kg	20.2	5.1	1	09/23/09 08:27	09/24/09 18:01	191-24-2	
Benzo(k)fluoranthene	**<7.5**	ug/kg	20.2	7.5	1	09/23/09 08:27	09/24/09 18:01	207-08-9	
Chrysene	**<4.2**	ug/kg	20.2	4.2	1	09/23/09 08:27	09/24/09 18:01	218-01-9	
Dibenz(a,h)anthracene	**<5.6**	ug/kg	20.2	5.6	1	09/23/09 08:27	09/24/09 18:01	53-70-3	
Fluoranthene	**1.3J**	ug/kg	20.2	1.3	1	09/23/09 08:27	09/24/09 18:01	206-44-0	
Fluorene	**<1.1**	ug/kg	20.2	1.1	1	09/23/09 08:27	09/24/09 18:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**<5.1**	ug/kg	20.2	5.1	1	09/23/09 08:27	09/24/09 18:01	193-39-5	
1-Methylnaphthalene	**<2.2**	ug/kg	20.2	2.2	1	09/23/09 08:27	09/24/09 18:01	90-12-0	
2-Methylnaphthalene	**<2.2**	ug/kg	20.2	2.2	1	09/23/09 08:27	09/24/09 18:01	91-57-6	
Naphthalene	**4.1J**	ug/kg	20.2	1.5	1	09/23/09 08:27	09/24/09 18:01	91-20-3	Z2
Phenanthrene	**<2.4**	ug/kg	20.2	2.4	1	09/23/09 08:27	09/24/09 18:01	85-01-8	
Pyrene	**1.2J**	ug/kg	20.2	1.2	1	09/23/09 08:27	09/24/09 18:01	129-00-0	
2-Fluorobiphenyl (S)	68	%	38-130		1	09/23/09 08:27	09/24/09 18:01	321-60-8	
Terphenyl-d14 (S)	69	%	41-130		1	09/23/09 08:27	09/24/09 18:01	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.3**	%	0.10	0.10	1		09/29/09 08:59		

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: OEXT/5520
QC Batch Method: EPA 3546
Analysis Method: EPA 8270 by SIM
Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 4022837007, 4022837019

METHOD BLANK: 210819
Matrix: Solid
Associated Lab Samples: 4022837007, 4022837019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<1.8	16.7	09/23/09 15:31	
2-Methylnaphthalene	ug/kg	<1.9	16.7	09/23/09 15:31	
Acenaphthene	ug/kg	<0.93	16.7	09/23/09 15:31	
Acenaphthylene	ug/kg	<1.7	16.7	09/23/09 15:31	
Anthracene	ug/kg	<4.6	16.7	09/23/09 15:31	
Benzo(a)anthracene	ug/kg	<8.4	16.7	09/23/09 15:31	
Benzo(a)pyrene	ug/kg	<3.6	16.7	09/23/09 15:31	
Benzo(b)fluoranthene	ug/kg	<5.7	16.7	09/23/09 15:31	
Benzo(g,h,i)perylene	ug/kg	<4.2	16.7	09/23/09 15:31	
Benzo(k)fluoranthene	ug/kg	<6.2	16.7	09/23/09 15:31	
Chrysene	ug/kg	<3.4	16.7	09/23/09 15:31	
Dibenz(a,h)anthracene	ug/kg	<4.7	16.7	09/23/09 15:31	
Fluoranthene	ug/kg	<1.1	16.7	09/23/09 15:31	
Fluorene	ug/kg	<0.91	16.7	09/23/09 15:31	
Indeno(1,2,3-cd)pyrene	ug/kg	<4.2	16.7	09/23/09 15:31	
Naphthalene	ug/kg	2.5J	16.7	09/23/09 15:31	
Phenanthrene	ug/kg	<2.0	16.7	09/23/09 15:31	
Pyrene	ug/kg	<1.0	16.7	09/23/09 15:31	
2-Fluorobiphenyl (S)	%	70	38-130	09/23/09 15:31	
Terphenyl-d14 (S)	%	79	41-130	09/23/09 15:31	

LABORATORY CONTROL SAMPLE: 210820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	275	82	50-130	
2-Methylnaphthalene	ug/kg	333	261	78	48-130	
Acenaphthene	ug/kg	333	256	77	51-130	
Acenaphthylene	ug/kg	333	258	77	51-130	
Anthracene	ug/kg	333	277	83	55-130	
Benzo(a)anthracene	ug/kg	333	265	80	37-130	
Benzo(a)pyrene	ug/kg	333	296	89	56-130	
Benzo(b)fluoranthene	ug/kg	333	322	96	55-130	
Benzo(g,h,i)perylene	ug/kg	333	279	84	49-130	
Benzo(k)fluoranthene	ug/kg	333	295	88	61-130	
Chrysene	ug/kg	333	289	87	43-130	
Dibenz(a,h)anthracene	ug/kg	333	288	86	51-130	
Fluoranthene	ug/kg	333	285	85	57-130	
Fluorene	ug/kg	333	266	80	51-130	
Indeno(1,2,3-cd)pyrene	ug/kg	333	286	86	52-130	
Naphthalene	ug/kg	333	246	74	49-130	
Phenanthrene	ug/kg	333	267	80	52-130	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

LABORATORY CONTROL SAMPLE: 210820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	333	267	80	35-130	
2-Fluorobiphenyl (S)	%			70	38-130	
Terphenyl-d14 (S)	%			72	41-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 210821 210822

Parameter	Units	4022702065 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	35.1	396	396	313	274	70	60	38-130	13	42	
2-Methylnaphthalene	ug/kg	61.5	396	396	298	274	60	54	20-139	8	39	
Acenaphthene	ug/kg	7.0J	396	396	302	277	74	68	42-130	9	32	
Acenaphthylene	ug/kg	21.1	396	396	300	277	70	65	47-130	8	31	
Anthracene	ug/kg	7.0J	396	396	304	286	75	70	33-134	6	30	
Benzo(a)anthracene	ug/kg	<9.9	396	396	296	280	75	71	27-130	5	25	
Benzo(a)pyrene	ug/kg	<4.3	396	396	329	306	83	77	35-132	7	33	
Benzo(b)fluoranthene	ug/kg	<6.7	396	396	362	349	91	88	27-141	4	39	
Benzo(g,h,i)perylene	ug/kg	<5.0	396	396	225	211	57	53	13-146	7	47	
Benzo(k)fluoranthene	ug/kg	<7.4	396	396	342	316	86	80	18-155	8	31	
Chrysene	ug/kg	<4.1	396	396	318	299	80	75	30-130	6	24	
Dibenz(a,h)anthracene	ug/kg	<5.5	396	396	224	202	57	51	33-130	10	39	
Fluoranthene	ug/kg	4.6J	396	396	313	292	78	73	37-138	7	31	
Fluorene	ug/kg	16.4J	396	396	309	293	74	70	42-130	6	32	
Indeno(1,2,3-cd)pyrene	ug/kg	<5.0	396	396	228	209	58	53	25-134	9	39	
Naphthalene	ug/kg	311	396	396	459	448	37	35	39-130	3	43	M0
Phenanthrene	ug/kg	26.1	396	396	301	281	69	64	32-135	7	32	
Pyrene	ug/kg	6.0J	396	396	304	283	75	70	31-130	7	26	
2-Fluorobiphenyl (S)	%						72	66	38-130			
Terphenyl-d14 (S)	%						71	66	41-130			

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: MPRP/3087 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 4022837007, 4022837011, 4022837012, 4022837013, 4022837014, 4022837015, 4022837019

METHOD BLANK: 210975 Matrix: Solid
Associated Lab Samples: 4022837007, 4022837011, 4022837012, 4022837013, 4022837014, 4022837015, 4022837019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<0.12	2.0	09/23/09 22:28	
Barium	mg/kg	<0.028	0.50	09/23/09 22:28	
Cadmium	mg/kg	<0.016	0.50	09/23/09 22:28	
Chromium	mg/kg	0.058J	0.50	09/23/09 22:28	
Lead	mg/kg	<0.069	1.0	09/23/09 22:28	
Selenium	mg/kg	<0.24	2.0	09/23/09 22:28	
Silver	mg/kg	<0.019	1.0	09/23/09 22:28	

LABORATORY CONTROL SAMPLE: 210976

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	47.6	95	80-120	
Barium	mg/kg	50	47.4	95	80-120	
Cadmium	mg/kg	50	47.0	94	80-120	
Chromium	mg/kg	50	50.7	101	80-120	
Lead	mg/kg	50	50.4	101	80-120	
Selenium	mg/kg	50	47.6	95	80-120	
Silver	mg/kg	25	24.2	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 210977 210978

Parameter	Units	4022702065 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	1.3J	59.2	59	58.6	57.6	97	95	75-125	2	20	
Barium	mg/kg	4.2	59.2	59	60.2	59.9	95	94	75-125	.5	20	
Cadmium	mg/kg	0.022J	59.2	59	57.9	57.0	98	97	75-125	2	20	
Chromium	mg/kg	3.3	59.2	59	59.3	59.0	94	94	75-125	.5	20	
Lead	mg/kg	1.1J	59.2	59	58.0	56.8	96	94	75-125	2	20	
Selenium	mg/kg	<0.28	59.2	59	58.1	56.8	98	96	75-125	2	20	
Silver	mg/kg	0.069J	29.6	29.5	29.6	29.5	100	100	75-125	.3	20	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: MSV/5604 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4022837001, 4022837002, 4022837003, 4022837004, 4022837005, 4022837006, 4022837008, 4022837009, 4022837010, 4022837011, 4022837012, 4022837013, 4022837014, 4022837016, 4022837018

METHOD BLANK: 211112 Matrix: Solid
Associated Lab Samples: 4022837001, 4022837002, 4022837003, 4022837004, 4022837005, 4022837006, 4022837008, 4022837009, 4022837010, 4022837011, 4022837012, 4022837013, 4022837014, 4022837016, 4022837018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	09/23/09 11:42	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	09/23/09 11:42	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	09/23/09 11:42	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	09/23/09 11:42	
1,1-Dichloroethane	ug/kg	<25.0	60.0	09/23/09 11:42	
1,1-Dichloroethene	ug/kg	<25.0	60.0	09/23/09 11:42	
1,1-Dichloropropene	ug/kg	<25.0	60.0	09/23/09 11:42	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	09/23/09 11:42	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	09/23/09 11:42	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	09/23/09 11:42	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	09/23/09 11:42	
1,2-Dichloroethane	ug/kg	<25.0	60.0	09/23/09 11:42	
1,2-Dichloropropane	ug/kg	<25.0	60.0	09/23/09 11:42	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
1,3-Dichloropropane	ug/kg	<25.0	60.0	09/23/09 11:42	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
2,2-Dichloropropane	ug/kg	<25.0	60.0	09/23/09 11:42	
2-Chlorotoluene	ug/kg	<25.0	60.0	09/23/09 11:42	
4-Chlorotoluene	ug/kg	<25.0	60.0	09/23/09 11:42	
Benzene	ug/kg	<25.0	60.0	09/23/09 11:42	
Bromobenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
Bromochloromethane	ug/kg	<25.0	60.0	09/23/09 11:42	
Bromodichloromethane	ug/kg	<25.0	60.0	09/23/09 11:42	
Bromoform	ug/kg	<25.9	60.0	09/23/09 11:42	
Bromomethane	ug/kg	<25.0	60.0	09/23/09 11:42	
Carbon tetrachloride	ug/kg	<25.0	60.0	09/23/09 11:42	
Chlorobenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
Chloroethane	ug/kg	<25.0	60.0	09/23/09 11:42	
Chloroform	ug/kg	<25.0	60.0	09/23/09 11:42	
Chloromethane	ug/kg	<25.0	60.0	09/23/09 11:42	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	09/23/09 11:42	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	09/23/09 11:42	
Dibromochloromethane	ug/kg	<25.0	60.0	09/23/09 11:42	
Dibromomethane	ug/kg	<25.0	60.0	09/23/09 11:42	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	09/23/09 11:42	
Diisopropyl ether	ug/kg	<25.0	60.0	09/23/09 11:42	
Ethylbenzene	ug/kg	<25.0	60.0	09/23/09 11:42	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

METHOD BLANK: 211112 Matrix: Solid

Associated Lab Samples: 4022837001, 4022837002, 4022837003, 4022837004, 4022837005, 4022837006, 4022837008, 4022837009, 4022837010, 4022837011, 4022837012, 4022837013, 4022837014, 4022837016, 4022837018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	09/23/09 11:42	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	09/23/09 11:42	
m&p-Xylene	ug/kg	<50.0	120	09/23/09 11:42	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	09/23/09 11:42	
Methylene Chloride	ug/kg	<25.0	60.0	09/23/09 11:42	
n-Butylbenzene	ug/kg	<40.4	60.0	09/23/09 11:42	
n-Propylbenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
Naphthalene	ug/kg	<25.0	60.0	09/23/09 11:42	
o-Xylene	ug/kg	<25.0	60.0	09/23/09 11:42	
p-Isopropyltoluene	ug/kg	<25.0	60.0	09/23/09 11:42	
sec-Butylbenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
Styrene	ug/kg	<25.0	60.0	09/23/09 11:42	
tert-Butylbenzene	ug/kg	<25.0	60.0	09/23/09 11:42	
Tetrachloroethene	ug/kg	<25.0	60.0	09/23/09 11:42	
Toluene	ug/kg	<25.0	60.0	09/23/09 11:42	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	09/23/09 11:42	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	09/23/09 11:42	
Trichloroethene	ug/kg	<25.0	60.0	09/23/09 11:42	
Trichlorofluoromethane	ug/kg	<25.0	60.0	09/23/09 11:42	
Vinyl chloride	ug/kg	<25.0	60.0	09/23/09 11:42	
4-Bromofluorobenzene (S)	%	96	70-147	09/23/09 11:42	
Dibromofluoromethane (S)	%	90	70-150	09/23/09 11:42	
Toluene-d8 (S)	%	99	70-155	09/23/09 11:42	

LABORATORY CONTROL SAMPLE & LCSD: 211113 211114

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	2300	2300	92	92	68-140	.3	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2780	2740	111	110	67-131	1	20	
1,1,2-Trichloroethane	ug/kg	2500	2640	2690	106	108	70-130	2	20	
1,1-Dichloroethane	ug/kg	2500	2690	2720	107	109	70-130	1	20	
1,1-Dichloroethene	ug/kg	2500	2590	2660	104	106	70-133	3	20	
1,2-Dichloroethane	ug/kg	2500	2740	2810	110	112	70-132	2	20	
1,2-Dichloropropane	ug/kg	2500	2500	2550	100	102	70-130	2	20	
Benzene	ug/kg	2500	2730	2740	109	110	70-130	.3	20	
Bromodichloromethane	ug/kg	2500	2100	2180	84	87	70-130	3	20	
Bromoform	ug/kg	2500	1370	1430	55	57	70-130	4	20	L0
Bromomethane	ug/kg	2500	2830	2860	113	114	65-153	1	20	
Carbon tetrachloride	ug/kg	2500	2320	2380	93	95	70-142	2	20	
Chlorobenzene	ug/kg	2500	2430	2430	97	97	70-130	.06	20	
Chloroethane	ug/kg	2500	3400	3270	136	131	70-178	4	20	
Chloroform	ug/kg	2500	2600	2610	104	105	70-130	.4	20	
Chloromethane	ug/kg	2500	2240	2280	90	91	53-143	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2560	2600	102	104	70-130	2	20	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

LABORATORY CONTROL SAMPLE & LCSD: 211113 211114

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
cis-1,3-Dichloropropene	ug/kg	2500	2160	2230	86	89	70-130	4	20	
Dibromochloromethane	ug/kg	2500	1700	1760	68	70	70-130	4	20	L0
Ethylbenzene	ug/kg	2500	2590	2560	104	102	70-130	1	20	
m&p-Xylene	ug/kg	5000	5130	5080	103	102	70-130	1	20	
Methylene Chloride	ug/kg	2500	2850	2970	114	119	70-134	4	20	
o-Xylene	ug/kg	2500	2520	2490	101	99	70-130	2	20	
Styrene	ug/kg	2500	2330	2280	93	91	70-130	2	20	
Tetrachloroethene	ug/kg	2500	2390	2390	96	95	70-130	.3	20	
Toluene	ug/kg	2500	2520	2470	101	99	70-130	2	20	
trans-1,2-Dichloroethene	ug/kg	2500	2720	2780	109	111	67-130	2	20	
trans-1,3-Dichloropropene	ug/kg	2500	1740	1750	70	70	70-130	.5	20	
Trichloroethene	ug/kg	2500	2500	2540	100	102	70-130	2	20	
Vinyl chloride	ug/kg	2500	2300	2330	92	93	70-130	1	20	
4-Bromofluorobenzene (S)	%				95	97	70-147			
Dibromofluoromethane (S)	%				105	106	70-150			
Toluene-d8 (S)	%				99	99	70-155			

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: WET/4593
QC Batch Method: EPA 1010
Analysis Method: EPA 1010
Analysis Description: 1010 Flash Point, Closed Cup
Associated Lab Samples: 4022837017

SAMPLE DUPLICATE: 211265

Parameter	Units	10111724002 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	149	149			7j

SAMPLE DUPLICATE: 211266

Parameter	Units	10111724004 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	147	137			9j

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: MERP/1708 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 4022837007, 4022837011, 4022837012, 4022837013, 4022837014, 4022837015, 4022837019

METHOD BLANK: 211704 Matrix: Solid
Associated Lab Samples: 4022837007, 4022837011, 4022837012, 4022837013, 4022837014, 4022837015, 4022837019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.0018	0.010	09/25/09 13:47	

LABORATORY CONTROL SAMPLE: 211705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.25	0.26	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 211706 211707

Parameter	Units	4022837012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.013	.29	.29	0.32	0.32	105	106	85-115	1	20	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: MPRP/3096
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET TCLP
Associated Lab Samples: 4022837017

METHOD BLANK: 212253 Matrix: Water
Associated Lab Samples: 4022837017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.0014	0.20	09/25/09 21:54	
Barium	mg/L	0.00028J	0.20	09/25/09 21:54	
Cadmium	mg/L	<0.00013	0.050	09/25/09 21:54	
Chromium	mg/L	<0.00032	0.050	09/25/09 21:54	
Copper	mg/L	0.00033J	0.050	09/25/09 21:54	
Lead	mg/L	<0.00075	0.20	09/25/09 21:54	
Nickel	mg/L	<0.00023	0.050	09/25/09 21:54	
Selenium	mg/L	<0.0033	0.20	09/25/09 21:54	
Silver	mg/L	<0.00042	0.050	09/25/09 21:54	
Zinc	mg/L	<0.0020	0.20	09/25/09 21:54	

LABORATORY CONTROL SAMPLE: 212254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.50	101	80-120	
Barium	mg/L	.5	0.54	108	80-120	
Cadmium	mg/L	.5	0.50	99	80-120	
Chromium	mg/L	.5	0.49	99	80-120	
Copper	mg/L	.5	0.51	102	80-120	
Lead	mg/L	.5	0.53	105	80-120	
Nickel	mg/L	.5	0.53	107	80-120	
Selenium	mg/L	.5	0.51	103	80-120	
Silver	mg/L	.25	0.25	101	80-120	
Zinc	mg/L	.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 212255 212256

Parameter	Units	4022709001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	0.026J	2.5	2.5	2.6	2.6	103	105	75-125	2	20	
Barium	mg/L	0.58J	2.5	2.5	3.3	3.0	110	98	75-125	9	20	
Cadmium	mg/L	0.0032J	2.5	2.5	2.6	2.6	102	103	75-125	1	20	
Chromium	mg/L	0.0048J	2.5	2.5	2.5	2.5	100	99	75-125	1	20	
Copper	mg/L	0.0091J	2.5	2.5	2.6	2.7	105	106	75-125	1	20	
Lead	mg/L	0.0051J	2.5	2.5	2.6	2.6	103	105	75-125	2	20	
Nickel	mg/L	0.0027J	2.5	2.5	2.6	2.7	104	107	75-125	2	20	
Selenium	mg/L	<0.017	2.5	2.5	2.7	2.7	106	109	75-125	3	20	
Silver	mg/L	<0.0021	1.2	1.2	1.3	1.3	106	107	75-125	.6	20	
Zinc	mg/L	0.17J	2.5	2.5	2.8	2.8	104	105	75-125	1	20	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

MATRIX SPIKE SAMPLE: 212257

Parameter	Units	10113008001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.056J	2.5	2.7	106	75-125	
Barium	mg/L	0.58J	2.5	3.1	101	75-125	
Cadmium	mg/L	0.0020J	2.5	2.6	104	75-125	
Chromium	mg/L	0.23J	2.5	2.8	101	75-125	
Copper	mg/L	0.20J	2.5	2.9	107	75-125	
Lead	mg/L	<0.0038	2.5	2.7	107	75-125	
Nickel	mg/L	0.043J	2.5	2.8	110	75-125	
Selenium	mg/L	<0.017	2.5	2.7	109	75-125	
Silver	mg/L	<0.0021	1.2	1.3	107	75-125	
Zinc	mg/L	3.4	2.5	6.1	108	75-125	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: MERP/1709
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 4022837017

METHOD BLANK: 212262 Matrix: Water
Associated Lab Samples: 4022837017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.10	0.20	09/25/09 15:04	

LABORATORY CONTROL SAMPLE: 212263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.3	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 212264 212265

Parameter	Units	4022709001 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	5.0	4.9	99	98	85-115	.9	20	

MATRIX SPIKE SAMPLE: 212266

Parameter	Units	10113008001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.10	5	4.9	97	85-115	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: PMST/3097
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4022837001

SAMPLE DUPLICATE: 213010

Parameter	Units	4022837001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.1	18.1	6	10	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: WET/4620
QC Batch Method: EPA 9095
Analysis Method: EPA 9095
Analysis Description: 9095 PAINT FILTER LIQUID TEST
Associated Lab Samples: 4022837017

SAMPLE DUPLICATE: 213027

Parameter	Units	4022986001 Result	Dup Result	RPD	Max RPD	Qualifiers
Free Liquids		Pass	Pass			

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: PMST/3099 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4022837002, 4022837003, 4022837004, 4022837005, 4022837006, 4022837007, 4022837008, 4022837009, 4022837010, 4022837011, 4022837012, 4022837013, 4022837014, 4022837015, 4022837016, 4022837017, 4022837018

SAMPLE DUPLICATE: 213114

Parameter	Units	4022958001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.7	15.4	5	10	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: PMST/3100
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4022837019

SAMPLE DUPLICATE: 213118

Parameter	Units	4022837019 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.3	17.2	.8	10	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: MSV/5639 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 4022837017

METHOD BLANK: 213119 Matrix: Water
Associated Lab Samples: 4022837017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.57	1.0	09/30/09 08:22	
1,2-Dichloroethane	ug/L	<0.36	1.0	09/30/09 08:22	
2-Butanone (MEK)	ug/L	<4.3	5.0	09/30/09 08:22	
Benzene	ug/L	<0.41	1.0	09/30/09 08:22	
Carbon tetrachloride	ug/L	<0.49	1.0	09/30/09 08:22	
Chlorobenzene	ug/L	<0.41	1.0	09/30/09 08:22	
Chloroform	ug/L	<0.37	1.0	09/30/09 08:22	
Tetrachloroethene	ug/L	<0.45	1.0	09/30/09 08:22	
Trichloroethene	ug/L	<0.48	1.0	09/30/09 08:22	
Vinyl chloride	ug/L	<0.18	1.0	09/30/09 08:22	
4-Bromofluorobenzene (S)	%	88	70-130	09/30/09 08:22	
Dibromofluoromethane (S)	%	96	70-130	09/30/09 08:22	
Toluene-d8 (S)	%	93	70-130	09/30/09 08:22	

LABORATORY CONTROL SAMPLE & LCSD: 213120 213121

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/L	50	56.8	56.7	114	113	70-130	.1	20	
1,2-Dichloroethane	ug/L	50	56.1	56.5	112	113	70-134	.8	20	
2-Butanone (MEK)	ug/L	50	69.6	60.3	139	121	36-181	14	35	
Benzene	ug/L	50	58.6	59.1	117	118	70-131	.8	20	
Carbon tetrachloride	ug/L	50	51.6	55.4	103	111	70-144	7	20	
Chlorobenzene	ug/L	50	51.7	51.8	103	104	70-130	.2	20	
Chloroform	ug/L	50	55.8	56.6	112	113	70-130	1	20	
Tetrachloroethene	ug/L	50	49.9	48.5	100	97	70-130	3	20	
Trichloroethene	ug/L	50	53.6	55.6	107	111	70-130	4	20	
Vinyl chloride	ug/L	50	55.7	56.3	111	113	63-141	1	20	
4-Bromofluorobenzene (S)	%				88	88	70-130			
Dibromofluoromethane (S)	%				99	101	70-130			
Toluene-d8 (S)	%				94	94	70-130			

MATRIX SPIKE SAMPLE: 213122

Parameter	Units	4022837017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	<5.7	500	566	113	70-130	
1,2-Dichloroethane	ug/L	<3.6	500	558	112	69-134	
2-Butanone (MEK)	ug/L	<43.0	500	522	104	36-181	
Benzene	ug/L	<4.1	500	590	118	69-131	
Carbon tetrachloride	ug/L	<4.9	500	517	103	70-144	
Chlorobenzene	ug/L	<4.1	500	514	103	70-130	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

MATRIX SPIKE SAMPLE: 213122

Parameter	Units	4022837017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroform	ug/L	<3.7	500	561	112	70-130	
Tetrachloroethene	ug/L	2350	500	2910	113	70-130	
Trichloroethene	ug/L	7.5J	500	543	107	70-130	
Vinyl chloride	ug/L	<1.8	500	544	109	59-141	
4-Bromofluorobenzene (S)	%				89	70-130	
Dibromofluoromethane (S)	%				99	70-130	
Toluene-d8 (S)	%				95	70-130	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: WET/4632 Analysis Method: SM 2710F
QC Batch Method: SM 2710F Analysis Description: Spec.Gravity
Associated Lab Samples: 4022837017

SAMPLE DUPLICATE: 213968

Parameter	Units	4023143002 Result	Dup Result	RPD	Max RPD	Qualifiers
Specific Gravity		1.74	1.65			8j

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: WET/4643 Analysis Method: EPA 9045
QC Batch Method: EPA 9045 Analysis Description: 9045 pH
Associated Lab Samples: 4022837017

SAMPLE DUPLICATE: 214797

Parameter	Units	4023172001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.9	7.9	.3	5	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

QC Batch: OEXT/5600 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 4022837017

METHOD BLANK: 214813 Matrix: Water
Associated Lab Samples: 4022837017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	<0.86	5.0	10/02/09 13:02	
2,4,5-Trichlorophenol	ug/L	<1.0	5.0	10/02/09 13:02	
2,4,6-Trichlorophenol	ug/L	<1.1	5.0	10/02/09 13:02	
2,4-Dinitrotoluene	ug/L	<0.80	5.0	10/02/09 13:02	
2-Methylphenol(o-Cresol)	ug/L	<0.97	5.0	10/02/09 13:02	
3&4-Methylphenol(m&p Cresol)	ug/L	<0.77	5.0	10/02/09 13:02	
Hexachloro-1,3-butadiene	ug/L	<0.66	10.0	10/02/09 13:02	
Hexachlorobenzene	ug/L	<1.1	5.0	10/02/09 13:02	
Hexachloroethane	ug/L	<0.58	5.0	10/02/09 13:02	
Nitrobenzene	ug/L	<1.4	5.0	10/02/09 13:02	
Pentachlorophenol	ug/L	<1.1	10.0	10/02/09 13:02	
Pyridine	ug/L	<1.4	5.0	10/02/09 13:02	
2,4,6-Tribromophenol (S)	%	85	42-130	10/02/09 13:02	
2-Fluorobiphenyl (S)	%	96	66-130	10/02/09 13:02	
Nitrobenzene-d5 (S)	%	91	66-130	10/02/09 13:02	
Phenol-d6 (S)	%	30	20-130	10/02/09 13:02	

LABORATORY CONTROL SAMPLE: 214814

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	36.1	72	52-130	
2,4,5-Trichlorophenol	ug/L	50	46.4	93	70-130	
2,4,6-Trichlorophenol	ug/L	50	44.4	89	70-130	
2,4-Dinitrotoluene	ug/L	50	53.5	107	70-130	
2-Methylphenol(o-Cresol)	ug/L	50	34.1	68	54-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.8	62	48-130	
Hexachloro-1,3-butadiene	ug/L	50	41.5	83	59-130	
Hexachlorobenzene	ug/L	50	47.6	95	68-130	
Hexachloroethane	ug/L	50	35.1	70	50-130	
Nitrobenzene	ug/L	50	44.4	89	63-130	
Pentachlorophenol	ug/L	50	39.8	80	54-130	
Pyridine	ug/L	50	21.5	43	10-130	
2,4,6-Tribromophenol (S)	%			97	42-130	
2-Fluorobiphenyl (S)	%			94	66-130	
Nitrobenzene-d5 (S)	%			91	66-130	
Phenol-d6 (S)	%			30	20-130	

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QUALITY CONTROL DATA

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

MATRIX SPIKE SAMPLE: 214815

Parameter	Units	4022837017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	<21.5	250	193	77	49-130	
2,4,5-Trichlorophenol	ug/L	<24.9	250	204	81	47-133	
2,4,6-Trichlorophenol	ug/L	<26.7	250	210	84	53-130	
2,4-Dinitrotoluene	ug/L	<20.1	250	226	90	70-130	
2-Methylphenol(o-Cresol)	ug/L	<24.3	250	161	64	40-130	
3&4-Methylphenol(m&p Cresol)	ug/L	<19.2	250	147	59	32-130	
Hexachloro-1,3-butadiene	ug/L	<16.5	250	228J	91	53-130	
Hexachlorobenzene	ug/L	<27.8	250	277	111	59-130	
Hexachloroethane	ug/L	<14.6	250	198	79	47-130	
Nitrobenzene	ug/L	<34.1	250	223	89	59-130	
Pentachlorophenol	ug/L	<26.9	250	167J	67	45-133	
Pyridine	ug/L	<35.8	250	101J	41	10-130	
2,4,6-Tribromophenol (S)	%				89	42-130	
2-Fluorobiphenyl (S)	%				104	66-130	
Nitrobenzene-d5 (S)	%				93	66-130	
Phenol-d6 (S)	%				29	20-130	

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QUALIFIERS

Project: 15807 K+W MANUFACTURING
Pace Project No.: 4022837

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/5605

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

10j	Surrogate recovery outside laboratory control limits due to soil on threads, preventing an airtight seal.
11j	The corresponding TCLP blank had a value of 0.180 ug/L.
1j	Analyte was detected in the associated TCLP extraction blank at a concentration of 0.00028 mg/L.
2j	Analyte was detected in the associated TCLP extraction blank at a concentration of 0.00084 mg/L.
3j	Analyte was detected in the associated TCLP extraction blank at a concentration of 0.0011 mg/L.
4j	Analyte was detected in the associated TCLP extraction blank at a concentration of 0.0015 mg/L.
5j	Analyte was detected in the associated TCLP extraction blank at a concentration of 0.0060 mg/L.
6j	Analyte was detected in the associated TCLP extraction blank at a concentration of 0.0068 mg/L.
7j	RPD 0.0
8j	RPD 5.6
9j	RPD 7.1
B	Analyte was detected in the associated method blank.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
W	Non-detect results are reported on a wet weight basis.
Z2	Analyte present in the associated method blank above the detection limit.

UPPER MIDWEST REGION
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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	KPRG AND ASSOCIATES
Branch/Location:	WI
Project Contact:	RICH GNAT
Phone:	262-781-0475
Project Number:	15807
Project Name:	K+W MANUFACTURING
Project State:	WI
Sampled By (Print):	PATRICK ALLENSTEIN
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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	Analyses Requested: VOC	PAH	RCRA 8 Metals						CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	FILTERED? (YES/NO)				N	-	-								
	PRESERVATION (CODE)*				F	A	A								
001	B-15 (4')	9/17/09	2:16	S	x									1-4oz poly, 1-40ml V	
002	B-15 (13'-14')		2:20		x										
003	B-16 (4')		1:40		x										
004	B-16 (14'-15')		1:50		x										
005	B-17 (4')		3:20		x										
006	B-17 (14'-15')	"	3:30		x										
007	MW-8 (2'-3')	9/18	12:30			x	x							2-4oz AG	
008	MW-8 (5'-6')	9/18	12:35		x									1-4oz poly; 1-40ml V	
009	MW-9 (21'-22')	9/17	4:20		x										
010	MW-9 (29'-30')	9/17	4:30		x										
011	MW-10 (2')	9/18/09	10:20		x		x							1-4oz AG	
012	MW-10 (7')	"	10:30		x		x							1-4oz poly	

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:
	9/21/9 1245		9/21/9 1245
	9/21/9 1700	Walter	
Walter	9/22/09 8:45	S. Bahola	9/22/09 8:45

PACE Project No.: 4022837
Receipt Temp = 10.2 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	KPRG AND ASSOCIATES
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	
Project Name:	15807
Project State:	K+W MANUFACTURING
Sampled By (Print):	
Sampled By (Sign):	
PO #:	Regulatory Program:

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

FILTERED? (YES/NO)
PRESERVATION (CODE)*

Analyses Requested: VOC; 8260 BTEX MTBE; Protocol A MOD; PAH

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
013	MW-11 (2')	9/18/09	9:55	S		1-4oz P 1-40ml P	
014	MW-11 (6')		10:10			1-4oz AG J	
015	MW-12 (0-2)		12:00			I	
016	MW-12 (4-5)		12:10			1-4oz P 1-40ml F	
017	WASTE PROFILE		12:30		H- 4oz AG	PLEASE SEE ATTACHED	
018	P2-2 (5-6')	9/17	10:20			1-4oz P; 1-40ml F	
019	P2-3 (3-4)	9/17	10:10		added per PA KW 9/22/09	2-4oz AG	

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:
	9/21/9 1245	D. Fennund	9/21/9 1245
D. Fennund	9/21/9 1700	Walter	
Walter	9/22/09 8:45	D. Bakelus	9/22/09 8:45

PACE Project No.: 4022837
Receipt Temp = 10.2 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

WASTE MANAGEMENT

WISCONSIN

SUMMARY OF SITE SPECIFIC ACCEPTANCE LIMITS

PROTOCOL A

PROTOCOL	ACCEPTANCE LIMITS
pH	$2.0 \leq pH \leq 12.5$
Specific Gravity	no limit
Total Solids	no limit
Free Liquids	0% free liquids (paint filter test)
Flash Point	$\geq 140^{\circ}$ F
Arsenic	TCLP extraction procedure < 5.0 mg/l
Barium	TCLP extraction procedure < 100.0 mg/l
Cadmium	TCLP extraction procedure < 1.0 mg/l
Chromium	TCLP extraction procedure < 5.0 mg/l
Copper	TCLP extraction procedure < 100.0 mg/l
Lead	TCLP extraction procedure < 5.0 mg/l
Mercury	TCLP extraction procedure < 0.2 mg/l
Nickel	TCLP extraction procedure < 35.0 mg/l
Selenium	TCLP extraction procedure < 1.0 mg/l
Silver	TCLP extraction procedure < 5.0 mg/l
Zinc	TCLP extraction procedure < 200.0 mg/l
Chlorine	< 1.0%*
Reactive Sulfide	200 ppm
Phenol	TCLP extraction procedure < 2000 mg/l
Reactive Cyanide	200 ppm
Benzene	TCLP extraction procedure < 0.5 mg/l
Carbon Tetrachloride	TCLP extraction procedure < 0.5 mg/l
Chlorobenzene	TCLP extraction procedure < 100.0 mg/l
Chloroform	TCLP extraction procedure < 6.0 mg/l
o-Cresol	TCLP extraction procedure < 200.0[2] mg/l
m-Cresol	TCLP extraction procedure < 200.0[2] mg/l
p-Cresol	TCLP extraction procedure < 200.0[2] mg/l
1,4-Dichlorobenzene	TCLP extraction procedure < 7.5 mg/l
1,2-Dichloroethane	TCLP extraction procedure < 0.5 mg/l
1,1-Dichloroethylene	TCLP extraction procedure < 0.7 mg/l
2,4-Dinitrotoluene	TCLP extraction procedure < 0.13[1] mg/l
Hexachlorobenzene	TCLP extraction procedure < 0.13[1] mg/l
Hexachloro-1.3-butadiene	TCLP extraction procedure < 0.5 mg/l
Hexachloroethane	TCLP extraction procedure < 3.0 mg/l
Methyl Ethyl Ketone	TCLP extraction procedure < 200.0 mg/l
Nitrobenzene	TCLP extraction procedure < 2.0 mg/l
Pentachlorophenol	TCLP extraction procedure < 100.0 mg/l
Pyridine	TCLP extraction procedure < 5.0[1] mg/l
Tetrachloroethylene	TCLP extraction procedure < 0.7 mg/l
Trichloroethylene	TCLP extraction procedure < 0.5 mg/l
2,4,5-Trichlorophenol	TCLP extraction procedure < 400.0 mg/l
2,4,6-Trichlorophenol	TCLP extraction procedure < 2.0 mg/l
Vinyl Chloride	TCLP extraction procedure < 0.2 mg/l

CONSTITUENTS	ACCEPTANCE LIMIT
* If chlorine is ≥ 1%, the following compounds must be analyzed.	SUM MUST BE LESS THAN 1% OF TOTAL WEIGHT.
tetrachloroethylene	
trichloroethylene	
methylene chloride	
1,1,1-trichloroethane	
carbon tetrachloride	
ortho-dichlorobenzene	
dichlorodifluoromethane	
1,1,2 trichloro - 1,2,2 trifluoroethane	
trichlorofluoromethane	
1,1 dichloroethylene	
1,2 dichloroethylene	
chloroform	

[1] Quantitation limit is greater than the calculated regulatory level. The quantitation limit, therefore becomes the regulatory level.

[2] If o.m-, and p-Cresol concentrations cannot be differentiated, the total Cresol (D026) concentration is used. The regulatory level for total Cresol is 200 mg/l.

For all constituents which are identified as TCLP extraction, it is permissible to do a totals analysis (on wastes which contain 0% free liquids) instead of the extraction. If the totals analysis is not over 20 times the acceptance limit, no extraction is required.

4 4oz.

4088837

Sample Condition Upon Receipt

Pace Analytical

Client Name: HRG Project # 4D22837

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

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

Optional
Proj. Due Date:
Proj. Name:

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

Cooler Temperature NOL Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☑ yes ☐ no

Person examining contents:
Date: CB 9/22/09
Initials: _____

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
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. See below. CB 9/22/09
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: 1x Wells locks used P-2, 2(5-6) & P2-2 (3-4) labeled as per H&K project, not listed on COC. Will be added on ca by lab. CB 9/22/09
MW-12-2 (0-2) MW-12 (4-5) are listed for project H&K. Will project is for K&W. CB 9/22/09 address as listed on COC per RA

Project Manager Review: CW **Date:** 9/22/09

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)

SIEMENS

September 25, 2009

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

Attn: Laurie Woelfel

REPORT NO.: 0909451 **PROJECT NO.: 4022837 15807 K+W Manufacturing**

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received September 23, 2009.

All analyses were performed in accordance with NELAC Standards using approved methods as indicated on this report.

If you have any questions about the results, please call. Thank you for using Siemens Water Technologies for your analytical needs.

Sincerely,

Siemens Water Technologies

James Salkowski
Lab Director
Enviroscan Analytical™ Services

I certify that the data contained in this report has been generated and reviewed in accordance with the Siemens Water Technologies Quality Assurance Program. Exceptions, if any, are discussed in the sample narrative. Samples will be retained for 30 days from the date of this report, then disposed in an appropriate manner. Siemens Water Technologies Corp. reserves the right to return samples identified as hazardous. Release of this Final Report is authorized as verified by the following signature.

Reviewed by: _____

Certifications:
Wisconsin 737053130
Minnesota 055-999-302
Illinois 100317

Siemens Water Technologies Corp.
301 West Military Road
Rothschild, WI 54474
Tel: 800-338-7226
Fax: 715-355-3221
www.siemens.com/enviroscan

The total number of pages in this report, including this page is 5.

SIEMENS

SAMPLE SUMMARY

Lab Id	Client Sample Id	Date/Time	Matrix
0909451-01	Waste Profile	09/18/09 12:30	Solid

SIEMENS

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

PROJECT NO. : 4022837 15807 K+W Manufacturing
REPORT NO. : 0909451
DATE REC'D: 09/23/09 13:58
REPORT DATE : 09/25/09 15:36
PREPARED BY : JRS

Attn: Laurie Woelfel

Sample ID: **Waste Profile** Matrix: **Solid** Sample Date/Time: **09/18/09 12:30** Lab No. : **0909451-01**

	Results	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
MOSA21-2								
Total Solids	86.1	% by Weight	0.03	0.03	1		09/24/09	LNB
SW846 Vol 1C Sec 7.3.3.2								
Reactive Cyanide	ND	mg/kg dry	0.015	0.050	1		09/24/09	LNB
Reactive Sulfide	ND	mg/kg dry	29.0	29.0	1		09/24/09	JJP

SIEMENS

Qualifier Descriptions

Definitions

LOD = Limit of Detection (Dilution Corrected)
LOQ = Limit of Quanitation (Dilution Corrected)
ND = Not Detected
COMP = Complete
SUBCON = Subcontracted analysis
mv = millivolts
pci/L = picocuries per Liter
mL/L = milliliters per Liter
mg = milligram

When the word "dry" follows the units on the result page the sample results are dry weight corrected.

LODs and LOQs are dry weight corrected for all soils except WI GRO and EPA 8021methanol and WI DNR methylene chloride preserved soils.

ug/l = Micrograms per Liter = parts per billion (ppb)
ug/kg = Micrograms per kilogram = parts per billion (ppb)
mg/l = Milligrams per liter = parts per million (ppm)
mg/kg = Milligrams per kilogram = parts per million (ppm)
NOT PRES = Not Present
ppth = Parts per thousand
* = Result outside established limits.
mg/m3 = Milligrams per meter cubed
ng/L = Nanograms per Liter = Parts per trillion(ppt)
> = Greater Than

Methanol Soils for WI GRO and EPA 8021 are reported to the LOQ.

Chain of Custody — Siemens - US Filter

Pace Analytical
www.pacelabs.com

Workorder: 4022837 **Workorder Name:** 15807 K+W MANUFACTURING **Results Requested** 10/6/2009

Report / Invoice To	Subcontract To
Laurie Woelfel Pace Analytical Green Bay 1241 Bellevue Street Suite 9 Green Bay, WI 54302 Phone (920)469-2436 Email: laurie.woelfel@pacelabs.com WO# 0909451	P.O._____

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Unpreserved	Requested Analysis: Rec. Cyanide in liquid	LAB USE ONLY
1-01	WASTE PROFILE	9/18/2009 12:30	4022837017	Solid			4 oz AG jar
2							
3							
4							
5							

Transfers	Released By	Date/Time	Received By	Date/Time
1	9/22/09	1600	9-22-09 LS	9/22/09
2				
3			Mariah K Perrot	9/23/09 13:58
4				
5				

Comments: Rec'd by UPS seals ok on ice. 2.4°C

Pace Analytical®
www.pacelabs.com

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

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	KPRG AND ASSOCIATES
Branch/Location:	WI
Project Contact:	RICH GNAT
Phone:	262-781-0475
Project Number:	15807
Project Name:	K+W MANUFACTURING
Project State:	WI
Sampled By (Print):	PATRICK ALLENSTEIN
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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	Analyses Requested: VOC	PAH	RCRA 8 Metals	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	FILTERED? (YES/NO)				N	-	-			
	PRESERVATION (CODE)*				F	A	A			
001	B-15 (4')	9/17/09	2:16	S	x				1-4oz poly, 1-40ml VOA	
002	B-15 (13'-14')	"	2:20	"	x					
003	B-16 (4')	"	1:40	"	x					
004	B-16 (14'-15')	"	1:50	"	x					
005	B-17 (4')	"	3:20	"	x					
006	B-17 (14'-15')	"	3:30	"	x					
007	MW-8 (2'-3')	9/18	12:30	"		x	x		2-4oz AG	
008	MW-8 (5'-6')	9/18	12:35	"	x				1-4oz poly; 1-40ml VOA	
009	MW-9 (21'-22')	9/17	4:20	"	x					
010	MW-9 (25'-30')	9/17	4:30	"	x					
011	MW-10 (2')	9/18/09	10:20	"	x		x		1-4oz AG	
012	MW-10 (7')	"	10:30	"	x		x		1-4oz poly	

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:
[signature]	9/21/9 1245	[signature]	9/21/9 1245
[signature]	9/21/9 700	Walter	
Walter	9/22/09 8:45	[signature]	9/22/09 8:45

PACE Project No.: 4022837
Receipt Temp = 10.2 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 6.0 06/14/08

C019a(27Jun2006)

ORIGINAL

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

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	KPRG AND ASSOCIATES
Branch/Location:	
Project Contact:	
Phone:	
Project Number:	
Project Name:	15807
Project State:	K+W MANUFACTURING
Sampled By (Print):	
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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)	PRESERVATION (CODE)*	Analyses Requested: VOC	CCLA 8-METALS	RCRA MOD	PAH				CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter										
013	MW-11 (2')	9/18/09	9:55	S			X	X							1-4oz P 1-40ml P	
014	MW-11 (6')		10:10				X	X							1-4oz AG 1	
015	MW-12 (0-2)		12:00					X							1	
016	MW-12 (4-5)		12:10				X								1-4oz P 1-40ml P	
017	WASTE PROFILE		12:30						X					4-4oz AG	PLEASE SEE ATTACHED	
018	PZ-2 (5-6')	9/17	10:20				✓				)	added per PA LW 9/22/09			1-4oz P; 1-40ml F	
019	PZ-2 (3-4)	9/17	10:10					✓		✓	)				2-4oz AG	

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:
[signature]	9/21/09 1245	D. Fawcett	9/21/09 1245
D. Fawcett	9/21/09 1700	Walter	
Walter	9/22/09 8:45	S. Babcock	9/22/09 8:45

PACE Project No.: 4022837
Receipt Temp = 10.2 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

Version 6.0 08/14/06

C019a(27Jun2006)

ORIGINAL

WASTE MANAGEMENT

WISCONSIN

SUMMARY OF SITE SPECIFIC ACCEPTANCE LIMITS

PROTOCOL A

PROTOCOL	ACCEPTANCE LIMITS
pH	$2.0 \leq pH \leq 12.5$
Specific Gravity	no limit
Total Solids	no limit
Free Liquids	0% free liquids (paint filter test)
Flash Point	$\geq 140°F$
Arsenic	TCLP extraction procedure < 5.0 mg/l
Barium	TCLP extraction procedure < 100.0 mg/l
Cadmium	TCLP extraction procedure < 1.0 mg/l
Chromium	TCLP extraction procedure < 5.0 mg/l
Copper	TCLP extraction procedure < 100.0 mg/l
Lead	TCLP extraction procedure < 5.0 mg/l
Mercury	TCLP extraction procedure < 0.2 mg/l
Nickel	TCLP extraction procedure < 35.0 mg/l
Selenium	TCLP extraction procedure < 1.0 mg/l
Silver	TCLP extraction procedure < 5.0 mg/l
Zinc	TCLP extraction procedure < 200.0 mg/l
Chlorine	< 1.0%*
Reactive Sulfide	200 ppm
Phenol	TCLP extraction procedure < 2000 mg/l
Reactive Cyanide	200 ppm
Benzene	TCLP extraction procedure < 0.5 mg/l
Carbon Tetrachloride	TCLP extraction procedure < 0.5 mg/l
Chlorobenzene	TCLP extraction procedure < 100.0 mg/l
Chloroform	TCLP extraction procedure < 6.0 mg/l
o-Cresol	TCLP extraction procedure < 200.0[2] mg/l
m-Cresol	TCLP extraction procedure < 200.0[2] mg/l
p-Cresol	TCLP extraction procedure < 200.0[2] mg/l
1,4-Dichlorobenzene	TCLP extraction procedure < 7.5 mg/l
1,2-Dichloroethane	TCLP extraction procedure < 0.5 mg/l
1,1-Dichloroethylene	TCLP extraction procedure < 0.7 mg/l
2,4-Dinitrotoluene	TCLP extraction procedure < 0.13[1] mg/l
Hexachlorobenzene	TCLP extraction procedure < 0.13[1] mg/l
Hexachloro-1.3-butadiene	TCLP extraction procedure < 0.5 mg/l
Hexachloroethane	TCLP extraction procedure < 3.0 mg/l
Methyl Ethyl Ketone	TCLP extraction procedure < 200.0 mg/l
Nitrobenzene	TCLP extraction procedure < 2.0 mg/l
Pentachlorophenol	TCLP extraction procedure < 100.0 mg/l
Pyridine	TCLP extraction procedure < 5.0[1] mg/l
Tetrachloroethylene	TCLP extraction procedure < 0.7 mg/l
Trichloroethylene	TCLP extraction procedure < 0.5 mg/l
2,4,5-Trichlorophenol	TCLP extraction procedure < 400.0 mg/l
2,4,6-Trichlorophenol	TCLP extraction procedure < 2.0 mg/l
Vinyl Chloride	TCLP extraction procedure < 0.2 mg/l

CONSTITUENTS	ACCEPTANCE LIMIT
* If chlorine is ≥ 1%, the following compounds must be analyzed.	SUM MUST BE LESS THAN 1% OF TOTAL WEIGHT.
tetrachloroethylene	
trichloroethylene	
methylene chloride	
1,1,1-trichloroethane	
carbon tetrachloride	
ortho-dichlorobenzene	
dichlorodifluoromethane	
1,1,2 trichloro - 1,2,2 trifluoroethane	
trichlorofluoromethane	
1,1 dichloroethylene	
1,2 dichloroethylene	
chloroform	

[1] Quantitation limit is greater than the calculated regulatory level. The quantitation limit, therefore becomes the regulatory level.

[2] If o.m-, and p-Cresol concentrations cannot be differentiated, the total Cresol (D026) concentration is used. The regulatory level for total Cresol is 200 mg/l.

For all constituents which are identified as TCLP extraction, it is permissible to do a totals analysis (on wastes which contain 0% free liquids) instead of the extraction. If the totals analysis is not over 20 times the acceptance limit, no extraction is required.

4 4 of.

4088237

Pace Analytical

Sample Condition Upon Receipt

Client Name: KPRG Project # 4022837

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

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

Optional
Proj. Due Date:
Proj. Name:

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

Cooler Temperature NOT Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☑ yes ☐ no

Person examining contents:
Date: CB 9/22/09
Initials: _____

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
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. See below. CB 9/22/09
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Jr (ORG lab used P-2-2(5-6) & P2-2 (3.4) labeled as per M&K project, not listed on COC. Will be added on at log lab. CB 9/22/09 # MW-12-2 (0-2) · MW-12 (4-5) are listed for project M&K. This project is for K&W. CB 9/22/09 add-run as listed on COC per RA

Project Manager Review: CW **Date:** 9/22/09

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)

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October 23, 2009

Rich Gnat
KPRG and Associates, Inc.
14665 W. Lisbon Rd.
Suite 2B
Brookfield, WI 53005

RE: Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Dear Rich Gnat:
Enclosed are the analytical results for sample(s) received by the laboratory on October 13, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Laurie Woelfel

Laurie Woelfel

laurie.woelfel@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Green Bay Certification IDs

California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Kentucky Certification #: 83
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11887
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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SAMPLE SUMMARY

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4023830001	MW-4	Water	10/09/09 09:30	10/13/09 08:50
4023830002	MW-8	Water	10/09/09 10:15	10/13/09 08:50
4023830003	MW-9	Water	10/09/09 10:40	10/13/09 08:50
4023830004	TRIP BLANK	Water	10/09/09 00:00	10/13/09 08:50

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SAMPLE ANALYTE COUNT

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4023830001	MW-4	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G
4023830002	MW-8	EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
4023830003	MW-9	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G

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ANALYTICAL RESULTS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Sample: MW-4 **Lab ID: 4023830001** Collected: 10/09/09 09:30 Received: 10/13/09 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**9.3**	ug/L	5.6	0.32	1		10/15/09 09:25	74-84-0	
Ethene	**2.2J**	ug/L	5.0	0.47	1		10/15/09 09:25	74-85-1	
Methane	**323**	ug/L	14.0	4.6	5		10/15/09 10:40	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**<1.4**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:52	7440-38-2	P4
Barium, Dissolved	**108**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:52	7440-39-3	
Cadmium, Dissolved	**0.80J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:52	7440-43-9	
Chromium, Dissolved	**0.65J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:52	7440-47-3	1j
Lead, Dissolved	**1.4J**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:52	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:52	7782-49-2	
Silver, Dissolved	**0.77J**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:52	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 14:08	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	10/16/09 10:45	10/16/09 15:46	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	10/16/09 10:45	10/16/09 15:46	208-96-8	
Anthracene	**<0.0057**	ug/L	0.047	0.0057	1	10/16/09 10:45	10/16/09 15:46	120-12-7	
Benzo(a)anthracene	**0.0040J**	ug/L	0.047	0.0036	1	10/16/09 10:45	10/16/09 15:46	56-55-3	
Benzo(a)pyrene	**<0.0029**	ug/L	0.047	0.0029	1	10/16/09 10:45	10/16/09 15:46	50-32-8	
Benzo(b)fluoranthene	**0.0037J**	ug/L	0.047	0.0034	1	10/16/09 10:45	10/16/09 15:46	205-99-2	
Benzo(g,h,i)perylene	**<0.0048**	ug/L	0.047	0.0048	1	10/16/09 10:45	10/16/09 15:46	191-24-2	
Benzo(k)fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	10/16/09 10:45	10/16/09 15:46	207-08-9	
Chrysene	**0.0044J**	ug/L	0.047	0.0035	1	10/16/09 10:45	10/16/09 15:46	218-01-9	
Dibenz(a,h)anthracene	**<0.0032**	ug/L	0.047	0.0032	1	10/16/09 10:45	10/16/09 15:46	53-70-3	
Fluoranthene	**0.0055J**	ug/L	0.047	0.0044	1	10/16/09 10:45	10/16/09 15:46	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	10/16/09 10:45	10/16/09 15:46	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0047**	ug/L	0.047	0.0047	1	10/16/09 10:45	10/16/09 15:46	193-39-5	
1-Methylnaphthalene	**0.011J**	ug/L	0.047	0.0050	1	10/16/09 10:45	10/16/09 15:46	90-12-0	Z2
2-Methylnaphthalene	**0.020J**	ug/L	0.047	0.0039	1	10/16/09 10:45	10/16/09 15:46	91-57-6	Z2
Naphthalene	**0.035J**	ug/L	0.047	0.0048	1	10/16/09 10:45	10/16/09 15:46	91-20-3	Z2
Phenanthrene	**<0.0081**	ug/L	0.047	0.0081	1	10/16/09 10:45	10/16/09 15:46	85-01-8	
Pyrene	**0.0049J**	ug/L	0.047	0.0047	1	10/16/09 10:45	10/16/09 15:46	129-00-0	
2-Fluorobiphenyl (S)	67	%	25-130		1	10/16/09 10:45	10/16/09 15:46	321-60-8	
Terphenyl-d14 (S)	69	%	36-140		1	10/16/09 10:45	10/16/09 15:46	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<82.0**	ug/L	200	82.0	200		10/14/09 19:39	71-43-2	
Bromobenzene	**<164**	ug/L	200	164	200		10/14/09 19:39	108-86-1	
Bromochloromethane	**<194**	ug/L	200	194	200		10/14/09 19:39	74-97-5	
Bromodichloromethane	**<112**	ug/L	200	112	200		10/14/09 19:39	75-27-4	
Bromoform	**<188**	ug/L	200	188	200		10/14/09 19:39	75-25-2	
Bromomethane	**<182**	ug/L	200	182	200		10/14/09 19:39	74-83-9	

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ANALYTICAL RESULTS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Sample: MW-4 **Lab ID: 4023830001** Collected: 10/09/09 09:30 Received: 10/13/09 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<186**	ug/L	200	186	200		10/14/09 19:39	104-51-8	
sec-Butylbenzene	**<178**	ug/L	1000	178	200		10/14/09 19:39	135-98-8	
tert-Butylbenzene	**<194**	ug/L	200	194	200		10/14/09 19:39	98-06-6	
Carbon tetrachloride	**<98.0**	ug/L	200	98.0	200		10/14/09 19:39	56-23-5	
Chlorobenzene	**<82.0**	ug/L	200	82.0	200		10/14/09 19:39	108-90-7	
Chloroethane	**<194**	ug/L	200	194	200		10/14/09 19:39	75-00-3	
Chloroform	**<260**	ug/L	1000	260	200		10/14/09 19:39	67-66-3	
Chloromethane	**<48.0**	ug/L	200	48.0	200		10/14/09 19:39	74-87-3	
2-Chlorotoluene	**<170**	ug/L	200	170	200		10/14/09 19:39	95-49-8	
4-Chlorotoluene	**<148**	ug/L	200	148	200		10/14/09 19:39	106-43-4	
1,2-Dibromo-3-chloropropane	**<336**	ug/L	1000	336	200		10/14/09 19:39	96-12-8	
Dibromochloromethane	**<162**	ug/L	200	162	200		10/14/09 19:39	124-48-1	
1,2-Dibromoethane (EDB)	**<112**	ug/L	200	112	200		10/14/09 19:39	106-93-4	
Dibromomethane	**<120**	ug/L	200	120	200		10/14/09 19:39	74-95-3	
1,2-Dichlorobenzene	**<166**	ug/L	200	166	200		10/14/09 19:39	95-50-1	
1,3-Dichlorobenzene	**<174**	ug/L	200	174	200		10/14/09 19:39	541-73-1	
1,4-Dichlorobenzene	**<190**	ug/L	200	190	200		10/14/09 19:39	106-46-7	
Dichlorodifluoromethane	**<198**	ug/L	200	198	200		10/14/09 19:39	75-71-8	
1,1-Dichloroethane	**<150**	ug/L	200	150	200		10/14/09 19:39	75-34-3	
1,2-Dichloroethane	**<72.0**	ug/L	200	72.0	200		10/14/09 19:39	107-06-2	
1,1-Dichloroethene	**<114**	ug/L	200	114	200		10/14/09 19:39	75-35-4	
cis-1,2-Dichloroethene	**1310**	ug/L	200	166	200		10/14/09 19:39	156-59-2	
trans-1,2-Dichloroethene	**<178**	ug/L	200	178	200		10/14/09 19:39	156-60-5	
1,2-Dichloropropane	**<98.0**	ug/L	200	98.0	200		10/14/09 19:39	78-87-5	
1,3-Dichloropropane	**<122**	ug/L	200	122	200		10/14/09 19:39	142-28-9	
2,2-Dichloropropane	**<124**	ug/L	200	124	200		10/14/09 19:39	594-20-7	
1,1-Dichloropropene	**<150**	ug/L	200	150	200		10/14/09 19:39	563-58-6	
cis-1,3-Dichloropropene	**<40.0**	ug/L	200	40.0	200		10/14/09 19:39	10061-01-5	
trans-1,3-Dichloropropene	**<38.0**	ug/L	200	38.0	200		10/14/09 19:39	10061-02-6	
Diisopropyl ether	**<152**	ug/L	200	152	200		10/14/09 19:39	108-20-3	
Ethylbenzene	**<108**	ug/L	200	108	200		10/14/09 19:39	100-41-4	
Hexachloro-1,3-butadiene	**<134**	ug/L	1000	134	200		10/14/09 19:39	87-68-3	
Isopropylbenzene (Cumene)	**<118**	ug/L	200	118	200		10/14/09 19:39	98-82-8	
p-Isopropyltoluene	**<134**	ug/L	200	134	200		10/14/09 19:39	99-87-6	
Methylene Chloride	**586**	ug/L	200	86.0	200		10/14/09 19:39	75-09-2	Z3
Methyl-tert-butyl ether	**<122**	ug/L	200	122	200		10/14/09 19:39	1634-04-4	
Naphthalene	**<178**	ug/L	1000	178	200		10/14/09 19:39	91-20-3	
n-Propylbenzene	**<162**	ug/L	200	162	200		10/14/09 19:39	103-65-1	
Styrene	**<172**	ug/L	200	172	200		10/14/09 19:39	100-42-5	
1,1,1,2-Tetrachloroethane	**<184**	ug/L	200	184	200		10/14/09 19:39	630-20-6	
1,1,2,2-Tetrachloroethane	**<40.0**	ug/L	200	40.0	200		10/14/09 19:39	79-34-5	
Tetrachloroethene	**45100**	ug/L	200	90.0	200		10/14/09 19:39	127-18-4	
Toluene	**<134**	ug/L	200	134	200		10/14/09 19:39	108-88-3	
1,2,3-Trichlorobenzene	**<148**	ug/L	200	148	200		10/14/09 19:39	87-61-6	
1,2,4-Trichlorobenzene	**<194**	ug/L	200	194	200		10/14/09 19:39	120-82-1	
1,1,1-Trichloroethane	**<180**	ug/L	200	180	200		10/14/09 19:39	71-55-6	

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ANALYTICAL RESULTS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Sample: MW-4 **Lab ID: 4023830001** Collected: 10/09/09 09:30 Received: 10/13/09 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<84.0**	ug/L	200	84.0	200		10/14/09 19:39	79-00-5	
Trichloroethene	**2000**	ug/L	200	96.0	200		10/14/09 19:39	79-01-6	
Trichlorofluoromethane	**<158**	ug/L	200	158	200		10/14/09 19:39	75-69-4	
1,2,3-Trichloropropane	**<198**	ug/L	200	198	200		10/14/09 19:39	96-18-4	
1,2,4-Trimethylbenzene	**<194**	ug/L	200	194	200		10/14/09 19:39	95-63-6	
1,3,5-Trimethylbenzene	**<166**	ug/L	200	166	200		10/14/09 19:39	108-67-8	
Vinyl chloride	**<36.0**	ug/L	200	36.0	200		10/14/09 19:39	75-01-4	
m&p-Xylene	**<360**	ug/L	400	360	200		10/14/09 19:39	1330-20-7	
o-Xylene	**<166**	ug/L	200	166	200		10/14/09 19:39	95-47-6	
4-Bromofluorobenzene (S)	97	%	70-130		200		10/14/09 19:39	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		200		10/14/09 19:39	1868-53-7	
Toluene-d8 (S)	94	%	70-130		200		10/14/09 19:39	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/14/09 10:00		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/14/09 08:45		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**40.6**	mg/L	4.0	2.0	1		10/21/09 01:28	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**5.6**	mg/L	2.0	1.4	1		10/19/09 14:46	7440-44-0	

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ANALYTICAL RESULTS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Sample: MW-8 **Lab ID: 4023830002** Collected: 10/09/09 10:15 Received: 10/13/09 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<0.32**	ug/L	5.6	0.32	1		10/15/09 09:34	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 09:34	74-85-1	
Methane	**<0.93**	ug/L	2.8	0.93	1		10/15/09 09:34	74-82-8	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		10/14/09 19:15	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		10/14/09 19:15	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		10/14/09 19:15	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		10/14/09 19:15	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		10/14/09 19:15	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		10/14/09 19:15	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		10/14/09 19:15	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		10/14/09 19:15	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 19:15	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		10/14/09 19:15	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		10/14/09 19:15	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		10/14/09 19:15	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/14/09 19:15	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		10/14/09 19:15	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		10/14/09 19:15	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		10/14/09 19:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		10/14/09 19:15	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		10/14/09 19:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		10/14/09 19:15	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		10/14/09 19:15	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 19:15	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		10/14/09 19:15	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		10/14/09 19:15	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		10/14/09 19:15	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		10/14/09 19:15	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		10/14/09 19:15	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		10/14/09 19:15	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 19:15	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		10/14/09 19:15	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		10/14/09 19:15	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		10/14/09 19:15	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		10/14/09 19:15	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		10/14/09 19:15	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		10/14/09 19:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		10/14/09 19:15	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		10/14/09 19:15	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		10/14/09 19:15	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		10/14/09 19:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		10/14/09 19:15	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		10/14/09 19:15	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		10/14/09 19:15	75-09-2	

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ANALYTICAL RESULTS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Sample: MW-8 **Lab ID: 4023830002** Collected: 10/09/09 10:15 Received: 10/13/09 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		10/14/09 19:15	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		10/14/09 19:15	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		10/14/09 19:15	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		10/14/09 19:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		10/14/09 19:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		10/14/09 19:15	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		10/14/09 19:15	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		10/14/09 19:15	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		10/14/09 19:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 19:15	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		10/14/09 19:15	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		10/14/09 19:15	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		10/14/09 19:15	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		10/14/09 19:15	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		10/14/09 19:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 19:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 19:15	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		10/14/09 19:15	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		10/14/09 19:15	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 19:15	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130		1		10/14/09 19:15	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		10/14/09 19:15	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		10/14/09 19:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Sample: MW-9 **Lab ID: 4023830003** Collected: 10/09/09 10:40 Received: 10/13/09 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**2.4J**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:56	7440-38-2	P4
Barium, Dissolved	**83.2**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:56	7440-39-3	
Cadmium, Dissolved	**0.31J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:56	7440-43-9	
Chromium, Dissolved	**1.3J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:56	7440-47-3	1j
Lead, Dissolved	**0.81J**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:56	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:56	7782-49-2	
Silver, Dissolved	**0.83J**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:56	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 14:09	7439-97-6	P4
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/14/09 10:00		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/14/09 08:45		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**140**	mg/L	20.0	10.0	5		10/21/09 01:40	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**13.0**	mg/L	2.0	1.4	1		10/19/09 14:50	7440-44-0	

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ANALYTICAL RESULTS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Sample: TRIP BLANK **Lab ID: 4023830004** Collected: 10/09/09 00:00 Received: 10/13/09 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		10/14/09 12:56	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		10/14/09 12:56	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		10/14/09 12:56	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		10/14/09 12:56	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		10/14/09 12:56	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		10/14/09 12:56	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		10/14/09 12:56	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		10/14/09 12:56	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 12:56	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		10/14/09 12:56	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		10/14/09 12:56	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		10/14/09 12:56	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/14/09 12:56	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		10/14/09 12:56	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		10/14/09 12:56	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		10/14/09 12:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		10/14/09 12:56	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		10/14/09 12:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		10/14/09 12:56	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		10/14/09 12:56	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 12:56	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		10/14/09 12:56	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		10/14/09 12:56	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		10/14/09 12:56	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		10/14/09 12:56	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		10/14/09 12:56	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		10/14/09 12:56	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 12:56	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		10/14/09 12:56	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		10/14/09 12:56	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		10/14/09 12:56	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		10/14/09 12:56	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		10/14/09 12:56	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		10/14/09 12:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		10/14/09 12:56	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		10/14/09 12:56	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		10/14/09 12:56	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		10/14/09 12:56	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		10/14/09 12:56	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		10/14/09 12:56	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		10/14/09 12:56	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		10/14/09 12:56	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		10/14/09 12:56	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		10/14/09 12:56	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		10/14/09 12:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		10/14/09 12:56	630-20-6	

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ANALYTICAL RESULTS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

Sample: TRIP BLANK **Lab ID: 4023830004** Collected: 10/09/09 00:00 Received: 10/13/09 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		10/14/09 12:56	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		10/14/09 12:56	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		10/14/09 12:56	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		10/14/09 12:56	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 12:56	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		10/14/09 12:56	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		10/14/09 12:56	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		10/14/09 12:56	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		10/14/09 12:56	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		10/14/09 12:56	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 12:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 12:56	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		10/14/09 12:56	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		10/14/09 12:56	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 12:56	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130		1		10/14/09 12:56	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		10/14/09 12:56	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/14/09 12:56	2037-26-5	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

QC Batch: MSV/5768 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4023830001, 4023830002, 4023830004

METHOD BLANK: 220766 Matrix: Water
Associated Lab Samples: 4023830001, 4023830002, 4023830004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	10/14/09 09:47	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	10/14/09 09:47	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	10/14/09 09:47	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	10/14/09 09:47	
1,1-Dichloroethane	ug/L	<0.75	1.0	10/14/09 09:47	
1,1-Dichloroethene	ug/L	<0.57	1.0	10/14/09 09:47	
1,1-Dichloropropene	ug/L	<0.75	1.0	10/14/09 09:47	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	10/14/09 09:47	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	10/14/09 09:47	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	10/14/09 09:47	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	10/14/09 09:47	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	10/14/09 09:47	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	10/14/09 09:47	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	10/14/09 09:47	
1,2-Dichloroethane	ug/L	<0.36	1.0	10/14/09 09:47	
1,2-Dichloropropane	ug/L	<0.49	1.0	10/14/09 09:47	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	10/14/09 09:47	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	10/14/09 09:47	
1,3-Dichloropropane	ug/L	<0.61	1.0	10/14/09 09:47	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	10/14/09 09:47	
2,2-Dichloropropane	ug/L	<0.62	1.0	10/14/09 09:47	
2-Chlorotoluene	ug/L	<0.85	1.0	10/14/09 09:47	
4-Chlorotoluene	ug/L	<0.74	1.0	10/14/09 09:47	
Benzene	ug/L	<0.41	1.0	10/14/09 09:47	
Bromobenzene	ug/L	<0.82	1.0	10/14/09 09:47	
Bromochloromethane	ug/L	<0.97	1.0	10/14/09 09:47	
Bromodichloromethane	ug/L	<0.56	1.0	10/14/09 09:47	
Bromoform	ug/L	<0.94	1.0	10/14/09 09:47	
Bromomethane	ug/L	<0.91	1.0	10/14/09 09:47	
Carbon tetrachloride	ug/L	<0.49	1.0	10/14/09 09:47	
Chlorobenzene	ug/L	<0.41	1.0	10/14/09 09:47	
Chloroethane	ug/L	<0.97	1.0	10/14/09 09:47	
Chloroform	ug/L	<1.3	5.0	10/14/09 09:47	
Chloromethane	ug/L	<0.24	1.0	10/14/09 09:47	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	10/14/09 09:47	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	10/14/09 09:47	
Dibromochloromethane	ug/L	<0.81	1.0	10/14/09 09:47	
Dibromomethane	ug/L	<0.60	1.0	10/14/09 09:47	
Dichlorodifluoromethane	ug/L	<0.99	1.0	10/14/09 09:47	
Diisopropyl ether	ug/L	<0.76	1.0	10/14/09 09:47	
Ethylbenzene	ug/L	<0.54	1.0	10/14/09 09:47	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	10/14/09 09:47	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	10/14/09 09:47	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

METHOD BLANK: 220766 Matrix: Water

Associated Lab Samples: 4023830001, 4023830002, 4023830004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.8	2.0	10/14/09 09:47	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	10/14/09 09:47	
Methylene Chloride	ug/L	<0.43	1.0	10/14/09 09:47	
n-Butylbenzene	ug/L	<0.93	1.0	10/14/09 09:47	
n-Propylbenzene	ug/L	<0.81	1.0	10/14/09 09:47	
Naphthalene	ug/L	<0.89	5.0	10/14/09 09:47	
o-Xylene	ug/L	<0.83	1.0	10/14/09 09:47	
p-Isopropyltoluene	ug/L	<0.67	1.0	10/14/09 09:47	
sec-Butylbenzene	ug/L	<0.89	5.0	10/14/09 09:47	
Styrene	ug/L	<0.86	1.0	10/14/09 09:47	
tert-Butylbenzene	ug/L	<0.97	1.0	10/14/09 09:47	
Tetrachloroethene	ug/L	<0.45	1.0	10/14/09 09:47	
Toluene	ug/L	<0.67	1.0	10/14/09 09:47	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	10/14/09 09:47	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	10/14/09 09:47	
Trichloroethene	ug/L	<0.48	1.0	10/14/09 09:47	
Trichlorofluoromethane	ug/L	<0.79	1.0	10/14/09 09:47	
Vinyl chloride	ug/L	<0.18	1.0	10/14/09 09:47	
4-Bromofluorobenzene (S)	%	96	70-130	10/14/09 09:47	
Dibromofluoromethane (S)	%	90	70-130	10/14/09 09:47	
Toluene-d8 (S)	%	94	70-130	10/14/09 09:47	

LABORATORY CONTROL SAMPLE & LCSD: 220767 220768

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	51.0	51.2	102	102	70-132	.3	20	
1,1,2,2-Tetrachloroethane	ug/L	50	42.4	43.2	85	86	69-130	2	20	
1,1,2-Trichloroethane	ug/L	50	47.8	48.5	96	97	70-130	2	20	
1,1-Dichloroethane	ug/L	50	48.2	47.0	96	94	70-130	3	20	
1,1-Dichloroethene	ug/L	50	47.3	47.4	95	95	70-130	.2	20	
1,2-Dichloroethane	ug/L	50	49.1	49.1	98	98	70-134	.005	20	
1,2-Dichloropropane	ug/L	50	48.9	49.4	98	99	70-130	1	20	
Benzene	ug/L	50	50.7	50.3	101	101	70-131	.9	20	
Bromodichloromethane	ug/L	50	46.9	47.3	94	95	70-130	1	20	
Bromoform	ug/L	50	42.4	42.5	85	85	70-130	.3	20	
Bromomethane	ug/L	50	44.2	50.0	88	100	23-200	12	20	
Carbon tetrachloride	ug/L	50	48.6	49.0	97	98	70-144	.9	20	
Chlorobenzene	ug/L	50	51.2	51.0	102	102	70-130	.2	20	
Chloroethane	ug/L	50	45.5	45.7	91	91	70-136	.6	20	
Chloroform	ug/L	50	48.8	49.4	98	99	70-130	1	20	
Chloromethane	ug/L	50	41.4	42.1	83	84	54-148	2	20	
cis-1,2-Dichloroethene	ug/L	50	48.9	49.7	98	99	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	50	48.8	49.3	98	99	70-130	1	20	
Dibromochloromethane	ug/L	50	44.0	45.0	88	90	70-130	2	20	
Ethylbenzene	ug/L	50	50.7	51.0	101	102	70-130	.6	20	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

LABORATORY CONTROL SAMPLE & LCSD: 220767 220768

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/L	100	104	104	104	104	70-130	.7	20	
Methylene Chloride	ug/L	50	48.2	47.0	96	94	66-130	2	20	
o-Xylene	ug/L	50	50.5	51.2	101	102	70-130	1	20	
Styrene	ug/L	50	45.3	45.1	91	90	70-130	.5	20	
Tetrachloroethene	ug/L	50	51.6	50.5	103	101	75-130	2	20	
Toluene	ug/L	50	51.2	51.9	102	104	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	49.6	49.6	99	99	70-130	.08	20	
trans-1,3-Dichloropropene	ug/L	50	47.1	47.2	94	94	70-130	.3	20	
Trichloroethene	ug/L	50	51.8	52.3	104	105	70-130	.9	20	
Vinyl chloride	ug/L	50	44.5	44.6	89	89	63-141	.2	20	
4-Bromofluorobenzene (S)	%				96	95	70-130			
Dibromofluoromethane (S)	%				91	92	70-130			
Toluene-d8 (S)	%				94	95	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 220909 220910

Parameter	Units	4023771001 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	<1.0	50	50	50.9	49.9	102	100	70-137	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	40.8	41.7	82	83	67-130	2	20	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	46.6	46.8	93	94	70-130	.5	20	
1,1-Dichloroethane	ug/L	<1.0	50	50	46.9	46.6	94	93	70-130	.5	20	
1,1-Dichloroethene	ug/L	<1.0	50	50	46.5	45.4	93	91	70-130	2	20	
1,2-Dichloroethane	ug/L	<1.0	50	50	48.2	47.7	96	95	69-134	1	20	
1,2-Dichloropropane	ug/L	<1.0	50	50	48.9	48.4	98	97	70-130	1	20	
Benzene	ug/L	<1.0	50	50	50.4	49.6	101	99	69-131	2	20	
Bromodichloromethane	ug/L	<1.0	50	50	47.4	47.2	95	94	70-130	.3	20	
Bromoform	ug/L	<1.0	50	50	42.2	41.4	84	83	68-130	2	20	
Bromomethane	ug/L	<1.0	50	50	48.4	48.5	97	97	22-200	.1	20	
Carbon tetrachloride	ug/L	<1.0	50	50	49.2	49.5	98	99	70-144	.5	20	
Chlorobenzene	ug/L	<1.0	50	50	49.8	49.8	100	100	70-130	.06	20	
Chloroethane	ug/L	<1.0	50	50	42.7	43.6	85	87	66-136	2	20	
Chloroform	ug/L	<5.0	50	50	49.0	48.9	98	98	70-130	.2	20	
Chloromethane	ug/L	<1.0	50	50	39.6	39.4	79	78	54-148	.6	20	
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	48.6	48.4	97	97	70-130	.4	20	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	49.8	48.4	100	97	70-130	3	20	
Dibromochloromethane	ug/L	<1.0	50	50	43.9	43.7	88	87	70-130	.5	20	
Ethylbenzene	ug/L	<1.0	50	50	49.8	50.3	100	101	70-130	1	20	
m&p-Xylene	ug/L	<2.0	100	100	102	101	102	101	70-130	1	20	
Methylene Chloride	ug/L	<1.0	50	50	46.5	45.9	93	92	64-130	1	20	
o-Xylene	ug/L	<1.0	50	50	49.5	49.2	99	98	70-130	.5	20	
Styrene	ug/L	<1.0	50	50	43.2	43.7	86	87	43-130	1	20	
Tetrachloroethene	ug/L	<1.0	50	50	50.5	49.9	101	100	70-130	1	20	
Toluene	ug/L	<1.0	50	50	50.7	50.3	101	101	70-130	.9	20	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	49.3	49.0	99	98	70-130	.7	20	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	45.7	46.1	91	92	70-130	1	20	
Trichloroethene	ug/L	<1.0	50	50	50.9	51.3	102	103	70-130	.8	20	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 220909 220910

Parameter	Units	4023771001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/L	<1.0	50	50	43.2	42.4	86	85	59-141	2	20	
4-Bromofluorobenzene (S)	%						94	94	70-130			
Dibromofluoromethane (S)	%						91	90	70-130			
Toluene-d8 (S)	%						93	93	70-130			

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

QC Batch: GCV/4135
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Associated Lab Samples: 4023830001, 4023830002

METHOD BLANK: 220887 Matrix: Water
Associated Lab Samples: 4023830001, 4023830002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.32	5.6	10/15/09 07:12	
Ethene	ug/L	<0.47	5.0	10/15/09 07:12	
Methane	ug/L	<0.93	2.8	10/15/09 07:12	

LABORATORY CONTROL SAMPLE & LCSD: 220888 220889

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	56	51.9	52.3	93	93	70-130	.8	20	
Ethene	ug/L	50	46.6	46.5	93	93	70-130	.3	20	
Methane	ug/L	28.4	27.5	27.9	97	98	70-130	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 220890 220891

Parameter	Units	4023883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.32	56	56	51.6	51.8	92	93	70-130	.5	20	
Ethene	ug/L	<0.47	50	50	46.2	47.1	92	94	70-130	2	20	
Methane	ug/L	<0.93	28.4	28.4	27.5	28.2	97	99	42-169	2	20	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

QC Batch: MPRP/3182
QC Batch Method: EPA 6010
Analysis Method: EPA 6010
Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 4023830001, 4023830003

METHOD BLANK: 221004
Matrix: Water
Associated Lab Samples: 4023830001, 4023830003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<1.4	20.0	10/15/09 00:25	
Barium, Dissolved	ug/L	<0.18	5.0	10/15/09 00:25	
Cadmium, Dissolved	ug/L	<0.13	5.0	10/15/09 00:25	
Chromium, Dissolved	ug/L	<0.32	5.0	10/15/09 00:25	
Lead, Dissolved	ug/L	<0.75	10.0	10/15/09 00:25	
Selenium, Dissolved	ug/L	<3.3	20.0	10/15/09 00:25	
Silver, Dissolved	ug/L	<0.42	10.0	10/15/09 00:25	

LABORATORY CONTROL SAMPLE: 221005

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	500	490	98	80-120	
Barium, Dissolved	ug/L	500	490	98	80-120	
Cadmium, Dissolved	ug/L	500	480	96	80-120	
Chromium, Dissolved	ug/L	500	476	95	80-120	
Lead, Dissolved	ug/L	500	504	101	80-120	
Selenium, Dissolved	ug/L	500	500	100	80-120	
Silver, Dissolved	ug/L	250	248	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 221006 221007

Parameter	Units	4023731001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	2.3J	500	500	497	512	99	102	75-125	3	20	
Barium, Dissolved	ug/L	42.7	500	500	538	544	99	100	75-125	1	20	
Cadmium, Dissolved	ug/L	0.30J	500	500	489	501	98	100	75-125	2	20	
Chromium, Dissolved	ug/L	1.8J	500	500	467	481	93	96	75-125	3	20	
Lead, Dissolved	ug/L	1.7J	500	500	500	513	100	102	75-125	3	20	
Selenium, Dissolved	ug/L	<3.3	500	500	509	522	102	104	75-125	3	20	
Silver, Dissolved	ug/L	0.55J	250	250	251	257	100	102	75-125	2	20	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

QC Batch: WET/4753 Analysis Method: HACH 8146
QC Batch Method: HACH 8146 Analysis Description: Iron, Ferrous
Associated Lab Samples: 4023830001, 4023830003

METHOD BLANK: 221229 Matrix: Water
Associated Lab Samples: 4023830001, 4023830003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Ferrous	mg/L	<0.018	0.050	10/14/09 08:45	

LABORATORY CONTROL SAMPLE: 221230

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	.6	0.56	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 221231 221232

Parameter	Units	4023883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Ferrous	mg/L	0.062	.6	.6	0.87	0.88	134	137	80-120	2	20	H6,M0

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

QC Batch: WET/4754
QC Batch Method: SM 4500-S F (2000)
Analysis Method: SM 4500-S F (2000)
Analysis Description: 4500S2F Sulfide, Iodometric
Associated Lab Samples: 4023830001, 4023830003

METHOD BLANK: 221234 Matrix: Water
Associated Lab Samples: 4023830001, 4023830003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.7	5.0	10/14/09 10:00	

LABORATORY CONTROL SAMPLE: 221235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	52	50.4	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 221236 221237

Parameter	Units	4023883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	<1.7	52	52	50.0	44.8	96	86	80-120	11	20	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

QC Batch: MERP/1739
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 4023830001, 4023830003

METHOD BLANK: 221367
Matrix: Water
Associated Lab Samples: 4023830001, 4023830003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.10	0.20	10/15/09 13:41	

LABORATORY CONTROL SAMPLE: 221368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 221369 221370

Parameter	Units	4023731002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.10	5	5	5.1	5.1	102	102	85-115	.2	20	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

QC Batch: OEXT/5810 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by SIM MSSV
Associated Lab Samples: 4023830001

METHOD BLANK: 221915 Matrix: Water
Associated Lab Samples: 4023830001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	0.015J	0.050	10/16/09 13:03	
2-Methylnaphthalene	ug/L	0.022J	0.050	10/16/09 13:03	
Acenaphthene	ug/L	<0.0048	0.050	10/16/09 13:03	
Acenaphthylene	ug/L	<0.0038	0.050	10/16/09 13:03	
Anthracene	ug/L	<0.0061	0.050	10/16/09 13:03	
Benzo(a)anthracene	ug/L	<0.0038	0.050	10/16/09 13:03	
Benzo(a)pyrene	ug/L	<0.0030	0.050	10/16/09 13:03	
Benzo(b)fluoranthene	ug/L	<0.0036	0.050	10/16/09 13:03	
Benzo(g,h,i)perylene	ug/L	<0.0051	0.050	10/16/09 13:03	
Benzo(k)fluoranthene	ug/L	<0.0046	0.050	10/16/09 13:03	
Chrysene	ug/L	<0.0037	0.050	10/16/09 13:03	
Dibenz(a,h)anthracene	ug/L	<0.0034	0.050	10/16/09 13:03	
Fluoranthene	ug/L	<0.0047	0.050	10/16/09 13:03	
Fluorene	ug/L	<0.0051	0.050	10/16/09 13:03	
Indeno(1,2,3-cd)pyrene	ug/L	<0.0050	0.050	10/16/09 13:03	
Naphthalene	ug/L	0.069	0.050	10/16/09 13:03	
Phenanthrene	ug/L	<0.0086	0.050	10/16/09 13:03	
Pyrene	ug/L	<0.0050	0.050	10/16/09 13:03	
2-Fluorobiphenyl (S)	%	68	25-130	10/16/09 13:03	
Terphenyl-d14 (S)	%	79	36-140	10/16/09 13:03	

LABORATORY CONTROL SAMPLE & LCSD: 221916 221917

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	.2	0.15	0.12	76	58	33-130	27	46	
2-Methylnaphthalene	ug/L	.2	0.16	0.11	78	54	29-130	37	44	
Acenaphthene	ug/L	.2	0.16	0.11	81	57	43-130	35	46	
Acenaphthylene	ug/L	.2	0.18	0.13	89	63	33-130	35	47	
Anthracene	ug/L	.2	0.18	0.12	90	60	33-130	40	50	
Benzo(a)anthracene	ug/L	.2	0.18	0.17	91	87	41-130	4	20	
Benzo(a)pyrene	ug/L	.2	0.21	0.21	103	104	59-130	2	20	
Benzo(b)fluoranthene	ug/L	.2	0.17	0.18	84	88	53-130	4	20	
Benzo(g,h,i)perylene	ug/L	.2	0.17	0.18	84	88	55-130	5	20	
Benzo(k)fluoranthene	ug/L	.2	0.20	0.21	98	104	64-133	6	20	
Chrysene	ug/L	.2	0.20	0.20	102	101	62-130	.5	20	
Dibenz(a,h)anthracene	ug/L	.2	0.17	0.18	83	89	37-130	7	20	
Fluoranthene	ug/L	.2	0.18	0.12	88	62	48-130	34	37	
Fluorene	ug/L	.2	0.17	0.12	85	58	42-130	38	48	
Indeno(1,2,3-cd)pyrene	ug/L	.2	0.17	0.18	86	89	46-130	3	20	
Naphthalene	ug/L	.2	0.17	0.13	87	63	33-130	31	53	
Phenanthrene	ug/L	.2	0.15	0.11	77	53	36-130	37	47	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

LABORATORY CONTROL SAMPLE & LCSD: 221916 221917

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Pyrene	ug/L	.2	0.17	0.12	84	61	51-130	30	33	
2-Fluorobiphenyl (S)	%				94	58	25-130			
Terphenyl-d14 (S)	%				127	71	36-140			

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

QC Batch: WETA/4998
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 4023830001, 4023830003

METHOD BLANK: 222658 Matrix: Water
Associated Lab Samples: 4023830001, 4023830003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<1.4	2.0	10/19/09 12:47	

LABORATORY CONTROL SAMPLE: 222659

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	100	100	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 222660 222661

Parameter	Units	10114593001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	88.3	100	100	117	117	29	28	80-120	.6	20	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 222662 222663

Parameter	Units	10114662001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	11.6	100	100	115	117	103	105	80-120	1	20	

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QUALITY CONTROL DATA

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

QC Batch: WETA/5018
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Associated Lab Samples: 4023830001, 4023830003

METHOD BLANK: 223339 Matrix: Water
Associated Lab Samples: 4023830001, 4023830003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<2.0	4.0	10/20/09 22:38	

LABORATORY CONTROL SAMPLE: 223340

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.3	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 223341 223342

Parameter	Units	20732489 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	ND	20	20	21.5	21.5	92	92	90-110	.09	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 223343 223344

Parameter	Units	4023830003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	140	100	100	247	247	107	108	90-110	.08	20	

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QUALIFIERS

Project: 15507 K&W MANUFACTURING
Pace Project No.: 4023830

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/2169

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
[1]	Naphthalene was present in the extraction blank above the PRL. The samples could not be re-extracted due to limited sample volume received. Data was reported and flagged accordingly.

ANALYTE QUALIFIERS

1j	Analyte was detected in the associated filter blank at a concentration of 0.35 ug/L.
H6	Analysis initiated more than 15 minutes after sample collection.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P4	Sample field preservation does not meet EPA or method recommendations for this analysis.
Z2	Analyte present in the associated method blank above the detection limit.
Z3	Methylene chloride is a common laboratory contaminant. Results for this analyte should be considered estimated unless the amount found in the sample is 3 to 5 times higher than that found in the method blank.

(Please Print Clearly)

Company Name:	KPRG and Associates
Branch/Location:	WI
Project Contact:	Rich Gnat
Phone:	262-781-0475
Project Number:	15807
Project Name:	K+W Manufacturing
Project State:	WI
Sampled By (Print):	Josh Davenport
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Page 1 of

VMEC

L1023830

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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)	PRESERVATION (CODE)*	VOC	PAH	TOC	RCRA DISSOLVED METALS	DISSOLVED CHROMIUM METALS	SULFIDE	SULFATE/IRON FERROUS
	Analysis Requested				Y/N	Pick Letter	N	N	N	N	N	N	N
							3B	1A	1C	1A	5B	1J	1A
001	MW-4	10/9/09	9:30	GW			X	X	X	X	X	X	X
002	MW-8		10:15				X				X		
003	MW-9		10:40						X	X		X	X
004	TRIP BLANK	—	—	W			X						

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
PLEASE FILTER	6-40ml B, 1-1AG; 1-500ml A; 2-250ml A; 1-4oz C	
METALS FOR	6-40ml B,	
ALL APPROPRIATE	1-500ml A; 2-250ml A; 1-4oz C	
SAMPLES	1-40ml	

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:
	10/12/09 1145	D. Fennell	10/12/9 1145
D. Fennell	10/12/9 1700	Walter	
Walter	10/13/09 1:50	D. Bulwicz	10/13/09 8:50

PACE Project No.: L1023830

Receipt Temp = NO °C

Sample Receipt pH: OK / Adjusted

Cooler Custody Seal: Present / Not Present

Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

Pace Analytical

Client Name: KPRG Project # 4023830

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

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

Cooler Temperature NOC Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☑ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Person examining contents:
Date: UB 10/13/09
Initials: _____

Temp should be above freezing to 6°C for all sample except Biota.
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. Fe^{2+} rec'd past hold. UB 10/13 *Field Test
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	
Containers Intact:	☑Yes	☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☑No ☐N/A	11. 1-250ml HNO_3 provided for lab filter UB 10/13
Sample Labels match COC:	☑Yes	☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W			
All containers needing preservation have been checked.	☑Yes	☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No	Initial when completed UB. Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☑No ☐N/A	15.
Trip Blank Present:	☑Yes	☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes	☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 10/13/09

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)

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October 23, 2009

Rich Gnat
KPRG and Associates, Inc.
14665 W. Lisbon Rd.
Suite 2B
Brookfield, WI 53005

RE: Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Dear Rich Gnat:
Enclosed are the analytical results for sample(s) received by the laboratory on October 10, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Laurie Woelfel

Laurie Woelfel

laurie.woelfel@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Green Bay Certification IDs

California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Kentucky Certification #: 83
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11887
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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SAMPLE SUMMARY

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4023765001	MW-1	Water	10/08/09 15:30	10/10/09 08:30
4023765002	MW-2	Water	10/08/09 15:55	10/10/09 08:30
4023765003	MW-3	Water	10/08/09 15:00	10/10/09 08:30
4023765004	MW-5	Water	10/08/09 15:25	10/10/09 08:30
4023765005	MW-6	Water	10/08/09 14:55	10/10/09 08:30
4023765006	MW-7	Water	10/08/09 16:00	10/10/09 08:30
4023765007	MW-9	Water	10/08/09 17:00	10/10/09 08:30
4023765008	MW-10	Water	10/08/09 13:30	10/10/09 08:30
4023765009	MW-11	Water	10/08/09 14:40	10/10/09 08:30
4023765010	MW-12	Water	10/08/09 14:30	10/10/09 08:30
4023765011	MW-5 DUPLICATE	Water	10/08/09 00:00	10/10/09 08:30

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SAMPLE ANALYTE COUNT

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4023765001	MW-1	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G
4023765002	MW-2	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G
4023765003	MW-3	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G
4023765004	MW-5	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G
4023765005	MW-6	EPA 300.0	DDY	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G
4023765006	MW-7	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G
4023765007	MW-9	EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4023765008	MW-10	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G
4023765009	MW-11	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 5310C	JMM	1	PASI-G
4023765010	MW-12	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G
4023765011	MW-5 DUPLICATE	EPA 300.0	DDY	1	PASI-G
		EPA 6010	MES	7	PASI-G
		EPA 7470	LMS	1	PASI-G
		EPA 8015B Modified	SES	3	PASI-G
		EPA 8260	SMT	64	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 4500-S F (2000)	DEY	1	PASI-G
		SM 5310C	JMM	1	PASI-G

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-1 **Lab ID: 4023765001** Collected: 10/08/09 15:30 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**4.0J**	ug/L	5.6	0.32	1		10/15/09 07:30	74-84-0	
Ethene	**1.5J**	ug/L	5.0	0.47	1		10/15/09 07:30	74-85-1	
Methane	**50.8**	ug/L	2.8	0.93	1		10/15/09 07:30	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**<1.4**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:04	7440-38-2	P4
Barium, Dissolved	**111**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:04	7440-39-3	
Cadmium, Dissolved	**0.24J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:04	7440-43-9	
Chromium, Dissolved	**0.83J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:04	7440-47-3	1j
Lead, Dissolved	**1.0J**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:04	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:04	7782-49-2	
Silver, Dissolved	**0.75J**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:04	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/21/09 09:52	10/22/09 11:40	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	10/14/09 10:00	10/14/09 17:29	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 17:29	208-96-8	
Anthracene	**<0.0057**	ug/L	0.047	0.0057	1	10/14/09 10:00	10/14/09 17:29	120-12-7	
Benzo(a)anthracene	**0.0046J**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 17:29	56-55-3	
Benzo(a)pyrene	**0.0068J**	ug/L	0.047	0.0029	1	10/14/09 10:00	10/14/09 17:29	50-32-8	
Benzo(b)fluoranthene	**0.0093J**	ug/L	0.047	0.0034	1	10/14/09 10:00	10/14/09 17:29	205-99-2	
Benzo(g,h,i)perylene	**0.0095J**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 17:29	191-24-2	
Benzo(k)fluoranthene	**0.0064J**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 17:29	207-08-9	
Chrysene	**0.013J**	ug/L	0.047	0.0035	1	10/14/09 10:00	10/14/09 17:29	218-01-9	
Dibenz(a,h)anthracene	**<0.0032**	ug/L	0.047	0.0032	1	10/14/09 10:00	10/14/09 17:29	53-70-3	
Fluoranthene	**0.0070J**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 17:29	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 17:29	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0048J**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 17:29	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	10/14/09 10:00	10/14/09 17:29	90-12-0	
2-Methylnaphthalene	**0.0047J**	ug/L	0.047	0.0039	1	10/14/09 10:00	10/14/09 17:29	91-57-6	Z2
Naphthalene	**0.017J**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 17:29	91-20-3	Z2
Phenanthrene	**0.0094J**	ug/L	0.047	0.0081	1	10/14/09 10:00	10/14/09 17:29	85-01-8	
Pyrene	**0.014J**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 17:29	129-00-0	
2-Fluorobiphenyl (S)	70	%	25-130		1	10/14/09 10:00	10/14/09 17:29	321-60-8	
Terphenyl-d14 (S)	85	%	36-140		1	10/14/09 10:00	10/14/09 17:29	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<102**	ug/L	250	102	250		10/14/09 11:19	71-43-2	
Bromobenzene	**<205**	ug/L	250	205	250		10/14/09 11:19	108-86-1	
Bromochloromethane	**<242**	ug/L	250	242	250		10/14/09 11:19	74-97-5	
Bromodichloromethane	**<140**	ug/L	250	140	250		10/14/09 11:19	75-27-4	
Bromoform	**<235**	ug/L	250	235	250		10/14/09 11:19	75-25-2	
Bromomethane	**<228**	ug/L	250	228	250		10/14/09 11:19	74-83-9	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-1 **Lab ID: 4023765001** Collected: 10/08/09 15:30 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<232**	ug/L	250	232	250		10/14/09 11:19	104-51-8	
sec-Butylbenzene	**<222**	ug/L	1250	222	250		10/14/09 11:19	135-98-8	
tert-Butylbenzene	**<242**	ug/L	250	242	250		10/14/09 11:19	98-06-6	
Carbon tetrachloride	**<122**	ug/L	250	122	250		10/14/09 11:19	56-23-5	
Chlorobenzene	**<102**	ug/L	250	102	250		10/14/09 11:19	108-90-7	
Chloroethane	**<242**	ug/L	250	242	250		10/14/09 11:19	75-00-3	
Chloroform	**<325**	ug/L	1250	325	250		10/14/09 11:19	67-66-3	
Chloromethane	**<60.0**	ug/L	250	60.0	250		10/14/09 11:19	74-87-3	
2-Chlorotoluene	**<212**	ug/L	250	212	250		10/14/09 11:19	95-49-8	
4-Chlorotoluene	**<185**	ug/L	250	185	250		10/14/09 11:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<420**	ug/L	1250	420	250		10/14/09 11:19	96-12-8	
Dibromochloromethane	**<202**	ug/L	250	202	250		10/14/09 11:19	124-48-1	
1,2-Dibromoethane (EDB)	**<140**	ug/L	250	140	250		10/14/09 11:19	106-93-4	
Dibromomethane	**<150**	ug/L	250	150	250		10/14/09 11:19	74-95-3	
1,2-Dichlorobenzene	**<208**	ug/L	250	208	250		10/14/09 11:19	95-50-1	
1,3-Dichlorobenzene	**<218**	ug/L	250	218	250		10/14/09 11:19	541-73-1	
1,4-Dichlorobenzene	**<238**	ug/L	250	238	250		10/14/09 11:19	106-46-7	
Dichlorodifluoromethane	**<248**	ug/L	250	248	250		10/14/09 11:19	75-71-8	
1,1-Dichloroethane	**<188**	ug/L	250	188	250		10/14/09 11:19	75-34-3	
1,2-Dichloroethane	**<90.0**	ug/L	250	90.0	250		10/14/09 11:19	107-06-2	
1,1-Dichloroethene	**<142**	ug/L	250	142	250		10/14/09 11:19	75-35-4	
cis-1,2-Dichloroethene	**864**	ug/L	250	208	250		10/14/09 11:19	156-59-2	
trans-1,2-Dichloroethene	**<222**	ug/L	250	222	250		10/14/09 11:19	156-60-5	
1,2-Dichloropropane	**<122**	ug/L	250	122	250		10/14/09 11:19	78-87-5	
1,3-Dichloropropane	**<152**	ug/L	250	152	250		10/14/09 11:19	142-28-9	
2,2-Dichloropropane	**<155**	ug/L	250	155	250		10/14/09 11:19	594-20-7	
1,1-Dichloropropene	**<188**	ug/L	250	188	250		10/14/09 11:19	563-58-6	
cis-1,3-Dichloropropene	**<50.0**	ug/L	250	50.0	250		10/14/09 11:19	10061-01-5	
trans-1,3-Dichloropropene	**<47.5**	ug/L	250	47.5	250		10/14/09 11:19	10061-02-6	
Diisopropyl ether	**<190**	ug/L	250	190	250		10/14/09 11:19	108-20-3	
Ethylbenzene	**<135**	ug/L	250	135	250		10/14/09 11:19	100-41-4	
Hexachloro-1,3-butadiene	**<168**	ug/L	1250	168	250		10/14/09 11:19	87-68-3	
Isopropylbenzene (Cumene)	**<148**	ug/L	250	148	250		10/14/09 11:19	98-82-8	
p-Isopropyltoluene	**<168**	ug/L	250	168	250		10/14/09 11:19	99-87-6	
Methylene Chloride	**<108**	ug/L	250	108	250		10/14/09 11:19	75-09-2	
Methyl-tert-butyl ether	**<152**	ug/L	250	152	250		10/14/09 11:19	1634-04-4	
Naphthalene	**<222**	ug/L	1250	222	250		10/14/09 11:19	91-20-3	
n-Propylbenzene	**<202**	ug/L	250	202	250		10/14/09 11:19	103-65-1	
Styrene	**<215**	ug/L	250	215	250		10/14/09 11:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<230**	ug/L	250	230	250		10/14/09 11:19	630-20-6	
1,1,2,2-Tetrachloroethane	**<50.0**	ug/L	250	50.0	250		10/14/09 11:19	79-34-5	
Tetrachloroethene	**25400**	ug/L	250	112	250		10/14/09 11:19	127-18-4	
Toluene	**<168**	ug/L	250	168	250		10/14/09 11:19	108-88-3	
1,2,3-Trichlorobenzene	**<185**	ug/L	250	185	250		10/14/09 11:19	87-61-6	
1,2,4-Trichlorobenzene	**<242**	ug/L	250	242	250		10/14/09 11:19	120-82-1	
1,1,1-Trichloroethane	**<225**	ug/L	250	225	250		10/14/09 11:19	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-1 **Lab ID: 4023765001** Collected: 10/08/09 15:30 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<105**	ug/L	250	105	250		10/14/09 11:19	79-00-5	
Trichloroethene	**438**	ug/L	250	120	250		10/14/09 11:19	79-01-6	
Trichlorofluoromethane	**<198**	ug/L	250	198	250		10/14/09 11:19	75-69-4	
1,2,3-Trichloropropane	**<248**	ug/L	250	248	250		10/14/09 11:19	96-18-4	
1,2,4-Trimethylbenzene	**<242**	ug/L	250	242	250		10/14/09 11:19	95-63-6	
1,3,5-Trimethylbenzene	**<208**	ug/L	250	208	250		10/14/09 11:19	108-67-8	
Vinyl chloride	**<45.0**	ug/L	250	45.0	250		10/14/09 11:19	75-01-4	
m&p-Xylene	**<450**	ug/L	500	450	250		10/14/09 11:19	1330-20-7	
o-Xylene	**<208**	ug/L	250	208	250		10/14/09 11:19	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		250		10/14/09 11:19	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		250		10/14/09 11:19	1868-53-7	
Toluene-d8 (S)	95	%	70-130		250		10/14/09 11:19	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**41.5**	mg/L	4.0	2.0	1		10/20/09 17:33	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**1.5J**	mg/L	2.0	1.4	1		10/20/09 09:08	7440-44-0	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-2 **Lab ID: 4023765002** Collected: 10/08/09 15:55 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<0.32**	ug/L	5.6	0.32	1		10/15/09 07:39	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 07:39	74-85-1	
Methane	**6.9**	ug/L	2.8	0.93	1		10/15/09 07:39	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**<1.4**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:08	7440-38-2	P4
Barium, Dissolved	**81.6**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:08	7440-39-3	
Cadmium, Dissolved	**0.55J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:08	7440-43-9	
Chromium, Dissolved	**0.48J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:08	7440-47-3	1j
Lead, Dissolved	**1.2J**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:08	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:08	7782-49-2	
Silver, Dissolved	**<0.42**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:08	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 13:53	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	10/14/09 10:00	10/14/09 17:47	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 17:47	208-96-8	
Anthracene	**<0.0057**	ug/L	0.047	0.0057	1	10/14/09 10:00	10/14/09 17:47	120-12-7	
Benzo(a)anthracene	**<0.0036**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 17:47	56-55-3	
Benzo(a)pyrene	**0.0039J**	ug/L	0.047	0.0029	1	10/14/09 10:00	10/14/09 17:47	50-32-8	
Benzo(b)fluoranthene	**0.0053J**	ug/L	0.047	0.0034	1	10/14/09 10:00	10/14/09 17:47	205-99-2	
Benzo(g,h,i)perylene	**0.0048J**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 17:47	191-24-2	
Benzo(k)fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 17:47	207-08-9	
Chrysene	**0.0052J**	ug/L	0.047	0.0035	1	10/14/09 10:00	10/14/09 17:47	218-01-9	
Dibenz(a,h)anthracene	**<0.0032**	ug/L	0.047	0.0032	1	10/14/09 10:00	10/14/09 17:47	53-70-3	
Fluoranthene	**0.0078J**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 17:47	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 17:47	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0047**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 17:47	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	10/14/09 10:00	10/14/09 17:47	90-12-0	
2-Methylnaphthalene	**<0.0039**	ug/L	0.047	0.0039	1	10/14/09 10:00	10/14/09 17:47	91-57-6	
Naphthalene	**0.0090J**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 17:47	91-20-3	Z2
Phenanthrene	**<0.0081**	ug/L	0.047	0.0081	1	10/14/09 10:00	10/14/09 17:47	85-01-8	
Pyrene	**0.0078J**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 17:47	129-00-0	
2-Fluorobiphenyl (S)	52	%	25-130		1	10/14/09 10:00	10/14/09 17:47	321-60-8	
Terphenyl-d14 (S)	83	%	36-140		1	10/14/09 10:00	10/14/09 17:47	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<10.2**	ug/L	25.0	10.2	25		10/13/09 15:42	71-43-2	
Bromobenzene	**<20.5**	ug/L	25.0	20.5	25		10/13/09 15:42	108-86-1	
Bromochloromethane	**<24.2**	ug/L	25.0	24.2	25		10/13/09 15:42	74-97-5	
Bromodichloromethane	**<14.0**	ug/L	25.0	14.0	25		10/13/09 15:42	75-27-4	
Bromoform	**<23.5**	ug/L	25.0	23.5	25		10/13/09 15:42	75-25-2	
Bromomethane	**<22.8**	ug/L	25.0	22.8	25		10/13/09 15:42	74-83-9	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-2 **Lab ID: 4023765002** Collected: 10/08/09 15:55 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<23.2**	ug/L	25.0	23.2	25		10/13/09 15:42	104-51-8	
sec-Butylbenzene	**<22.2**	ug/L	125	22.2	25		10/13/09 15:42	135-98-8	
tert-Butylbenzene	**<24.2**	ug/L	25.0	24.2	25		10/13/09 15:42	98-06-6	
Carbon tetrachloride	**<12.2**	ug/L	25.0	12.2	25		10/13/09 15:42	56-23-5	
Chlorobenzene	**<10.2**	ug/L	25.0	10.2	25		10/13/09 15:42	108-90-7	
Chloroethane	**<24.2**	ug/L	25.0	24.2	25		10/13/09 15:42	75-00-3	
Chloroform	**<32.5**	ug/L	125	32.5	25		10/13/09 15:42	67-66-3	
Chloromethane	**<6.0**	ug/L	25.0	6.0	25		10/13/09 15:42	74-87-3	
2-Chlorotoluene	**<21.2**	ug/L	25.0	21.2	25		10/13/09 15:42	95-49-8	
4-Chlorotoluene	**<18.5**	ug/L	25.0	18.5	25		10/13/09 15:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<42.0**	ug/L	125	42.0	25		10/13/09 15:42	96-12-8	
Dibromochloromethane	**<20.2**	ug/L	25.0	20.2	25		10/13/09 15:42	124-48-1	
1,2-Dibromoethane (EDB)	**<14.0**	ug/L	25.0	14.0	25		10/13/09 15:42	106-93-4	
Dibromomethane	**<15.0**	ug/L	25.0	15.0	25		10/13/09 15:42	74-95-3	
1,2-Dichlorobenzene	**<20.8**	ug/L	25.0	20.8	25		10/13/09 15:42	95-50-1	
1,3-Dichlorobenzene	**<21.8**	ug/L	25.0	21.8	25		10/13/09 15:42	541-73-1	
1,4-Dichlorobenzene	**<23.8**	ug/L	25.0	23.8	25		10/13/09 15:42	106-46-7	
Dichlorodifluoromethane	**<24.8**	ug/L	25.0	24.8	25		10/13/09 15:42	75-71-8	
1,1-Dichloroethane	**<18.8**	ug/L	25.0	18.8	25		10/13/09 15:42	75-34-3	
1,2-Dichloroethane	**<9.0**	ug/L	25.0	9.0	25		10/13/09 15:42	107-06-2	
1,1-Dichloroethene	**<14.2**	ug/L	25.0	14.2	25		10/13/09 15:42	75-35-4	
cis-1,2-Dichloroethene	**1050**	ug/L	25.0	20.8	25		10/13/09 15:42	156-59-2	
trans-1,2-Dichloroethene	**<22.2**	ug/L	25.0	22.2	25		10/13/09 15:42	156-60-5	
1,2-Dichloropropane	**<12.2**	ug/L	25.0	12.2	25		10/13/09 15:42	78-87-5	
1,3-Dichloropropane	**<15.2**	ug/L	25.0	15.2	25		10/13/09 15:42	142-28-9	
2,2-Dichloropropane	**<15.5**	ug/L	25.0	15.5	25		10/13/09 15:42	594-20-7	
1,1-Dichloropropene	**<18.8**	ug/L	25.0	18.8	25		10/13/09 15:42	563-58-6	
cis-1,3-Dichloropropene	**<5.0**	ug/L	25.0	5.0	25		10/13/09 15:42	10061-01-5	
trans-1,3-Dichloropropene	**<4.8**	ug/L	25.0	4.8	25		10/13/09 15:42	10061-02-6	
Diisopropyl ether	**<19.0**	ug/L	25.0	19.0	25		10/13/09 15:42	108-20-3	
Ethylbenzene	**<13.5**	ug/L	25.0	13.5	25		10/13/09 15:42	100-41-4	
Hexachloro-1,3-butadiene	**<16.8**	ug/L	125	16.8	25		10/13/09 15:42	87-68-3	
Isopropylbenzene (Cumene)	**<14.8**	ug/L	25.0	14.8	25		10/13/09 15:42	98-82-8	
p-Isopropyltoluene	**<16.8**	ug/L	25.0	16.8	25		10/13/09 15:42	99-87-6	
Methylene Chloride	**<10.8**	ug/L	25.0	10.8	25		10/13/09 15:42	75-09-2	
Methyl-tert-butyl ether	**<15.2**	ug/L	25.0	15.2	25		10/13/09 15:42	1634-04-4	
Naphthalene	**<22.2**	ug/L	125	22.2	25		10/13/09 15:42	91-20-3	
n-Propylbenzene	**<20.2**	ug/L	25.0	20.2	25		10/13/09 15:42	103-65-1	
Styrene	**<21.5**	ug/L	25.0	21.5	25		10/13/09 15:42	100-42-5	
1,1,1,2-Tetrachloroethane	**<23.0**	ug/L	25.0	23.0	25		10/13/09 15:42	630-20-6	
1,1,2,2-Tetrachloroethane	**<5.0**	ug/L	25.0	5.0	25		10/13/09 15:42	79-34-5	
Tetrachloroethene	**5500**	ug/L	25.0	11.2	25		10/13/09 15:42	127-18-4	
Toluene	**<16.8**	ug/L	25.0	16.8	25		10/13/09 15:42	108-88-3	
1,2,3-Trichlorobenzene	**<18.5**	ug/L	25.0	18.5	25		10/13/09 15:42	87-61-6	
1,2,4-Trichlorobenzene	**<24.2**	ug/L	25.0	24.2	25		10/13/09 15:42	120-82-1	
1,1,1-Trichloroethane	**<22.5**	ug/L	25.0	22.5	25		10/13/09 15:42	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-2 **Lab ID: 4023765002** Collected: 10/08/09 15:55 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<10.5**	ug/L	25.0	10.5	25		10/13/09 15:42	79-00-5	
Trichloroethene	**430**	ug/L	25.0	12.0	25		10/13/09 15:42	79-01-6	
Trichlorofluoromethane	**<19.8**	ug/L	25.0	19.8	25		10/13/09 15:42	75-69-4	
1,2,3-Trichloropropane	**<24.8**	ug/L	25.0	24.8	25		10/13/09 15:42	96-18-4	
1,2,4-Trimethylbenzene	**<24.2**	ug/L	25.0	24.2	25		10/13/09 15:42	95-63-6	
1,3,5-Trimethylbenzene	**<20.8**	ug/L	25.0	20.8	25		10/13/09 15:42	108-67-8	
Vinyl chloride	**<4.5**	ug/L	25.0	4.5	25		10/13/09 15:42	75-01-4	
m&p-Xylene	**<45.0**	ug/L	50.0	45.0	25		10/13/09 15:42	1330-20-7	
o-Xylene	**<20.8**	ug/L	25.0	20.8	25		10/13/09 15:42	95-47-6	
4-Bromofluorobenzene (S)	85	%	70-130		25		10/13/09 15:42	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		25		10/13/09 15:42	1868-53-7	
Toluene-d8 (S)	95	%	70-130		25		10/13/09 15:42	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**42.9**	mg/L	4.0	2.0	1		10/20/09 17:45	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**4.3**	mg/L	2.0	1.4	1		10/20/09 09:14	7440-44-0	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-3 **Lab ID: 4023765003** Collected: 10/08/09 15:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<0.32**	ug/L	5.6	0.32	1		10/15/09 07:47	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 07:47	74-85-1	
Methane	**<0.93**	ug/L	2.8	0.93	1		10/15/09 07:47	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**<1.4**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:12	7440-38-2	P4
Barium, Dissolved	**102**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:12	7440-39-3	
Cadmium, Dissolved	**0.30J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:12	7440-43-9	
Chromium, Dissolved	**0.73J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:12	7440-47-3	1j
Lead, Dissolved	**<0.75**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:12	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:12	7782-49-2	
Silver, Dissolved	**<0.42**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:12	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 13:57	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0048**	ug/L	0.050	0.0048	1	10/14/09 10:00	10/14/09 18:04	83-32-9	
Acenaphthylene	**<0.0038**	ug/L	0.050	0.0038	1	10/14/09 10:00	10/14/09 18:04	208-96-8	
Anthracene	**<0.0061**	ug/L	0.050	0.0061	1	10/14/09 10:00	10/14/09 18:04	120-12-7	
Benzo(a)anthracene	**0.0052J**	ug/L	0.050	0.0038	1	10/14/09 10:00	10/14/09 18:04	56-55-3	
Benzo(a)pyrene	**0.0054J**	ug/L	0.050	0.0030	1	10/14/09 10:00	10/14/09 18:04	50-32-8	
Benzo(b)fluoranthene	**0.0073J**	ug/L	0.050	0.0036	1	10/14/09 10:00	10/14/09 18:04	205-99-2	
Benzo(g,h,i)perylene	**<0.0051**	ug/L	0.050	0.0051	1	10/14/09 10:00	10/14/09 18:04	191-24-2	
Benzo(k)fluoranthene	**0.0056J**	ug/L	0.050	0.0046	1	10/14/09 10:00	10/14/09 18:04	207-08-9	
Chrysene	**0.0071J**	ug/L	0.050	0.0037	1	10/14/09 10:00	10/14/09 18:04	218-01-9	
Dibenz(a,h)anthracene	**<0.0034**	ug/L	0.050	0.0034	1	10/14/09 10:00	10/14/09 18:04	53-70-3	
Fluoranthene	**0.0099J**	ug/L	0.050	0.0047	1	10/14/09 10:00	10/14/09 18:04	206-44-0	
Fluorene	**<0.0051**	ug/L	0.050	0.0051	1	10/14/09 10:00	10/14/09 18:04	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0050**	ug/L	0.050	0.0050	1	10/14/09 10:00	10/14/09 18:04	193-39-5	
1-Methylnaphthalene	**<0.0053**	ug/L	0.050	0.0053	1	10/14/09 10:00	10/14/09 18:04	90-12-0	
2-Methylnaphthalene	**<0.0041**	ug/L	0.050	0.0041	1	10/14/09 10:00	10/14/09 18:04	91-57-6	
Naphthalene	**0.0087J**	ug/L	0.050	0.0051	1	10/14/09 10:00	10/14/09 18:04	91-20-3	Z2
Phenanthrene	**<0.0086**	ug/L	0.050	0.0086	1	10/14/09 10:00	10/14/09 18:04	85-01-8	
Pyrene	**0.0083J**	ug/L	0.050	0.0050	1	10/14/09 10:00	10/14/09 18:04	129-00-0	
2-Fluorobiphenyl (S)	52	%	25-130		1	10/14/09 10:00	10/14/09 18:04	321-60-8	
Terphenyl-d14 (S)	77	%	36-140		1	10/14/09 10:00	10/14/09 18:04	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		10/13/09 17:15	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		10/13/09 17:15	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		10/13/09 17:15	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		10/13/09 17:15	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		10/13/09 17:15	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		10/13/09 17:15	74-83-9	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-3 **Lab ID: 4023765003** Collected: 10/08/09 15:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		10/13/09 17:15	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		10/13/09 17:15	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/13/09 17:15	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		10/13/09 17:15	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		10/13/09 17:15	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		10/13/09 17:15	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/13/09 17:15	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		10/13/09 17:15	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		10/13/09 17:15	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		10/13/09 17:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		10/13/09 17:15	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		10/13/09 17:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		10/13/09 17:15	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		10/13/09 17:15	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		10/13/09 17:15	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		10/13/09 17:15	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		10/13/09 17:15	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		10/13/09 17:15	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		10/13/09 17:15	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		10/13/09 17:15	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		10/13/09 17:15	75-35-4	
cis-1,2-Dichloroethene	**7.3**	ug/L	1.0	0.83	1		10/13/09 17:15	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		10/13/09 17:15	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		10/13/09 17:15	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		10/13/09 17:15	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		10/13/09 17:15	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		10/13/09 17:15	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		10/13/09 17:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		10/13/09 17:15	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		10/13/09 17:15	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		10/13/09 17:15	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		10/13/09 17:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		10/13/09 17:15	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		10/13/09 17:15	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		10/13/09 17:15	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		10/13/09 17:15	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		10/13/09 17:15	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		10/13/09 17:15	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		10/13/09 17:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		10/13/09 17:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		10/13/09 17:15	79-34-5	
Tetrachloroethene	**168**	ug/L	1.0	0.45	1		10/13/09 17:15	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		10/13/09 17:15	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		10/13/09 17:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		10/13/09 17:15	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		10/13/09 17:15	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-3 **Lab ID: 4023765003** Collected: 10/08/09 15:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		10/13/09 17:15	79-00-5	
Trichloroethene	**11.2**	ug/L	1.0	0.48	1		10/13/09 17:15	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		10/13/09 17:15	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		10/13/09 17:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/13/09 17:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		10/13/09 17:15	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		10/13/09 17:15	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		10/13/09 17:15	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		10/13/09 17:15	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		1		10/13/09 17:15	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/13/09 17:15	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		10/13/09 17:15	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**37.8**	mg/L	4.0	2.0	1		10/20/09 17:57	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**1.7J**	mg/L	2.0	1.4	1		10/20/09 09:33	7440-44-0	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-5 **Lab ID: 4023765004** Collected: 10/08/09 15:25 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**1.8J**	ug/L	5.6	0.32	1		10/15/09 07:56	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 07:56	74-85-1	
Methane	**3.1**	ug/L	2.8	0.93	1		10/15/09 07:56	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**<1.4**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:24	7440-38-2	P4
Barium, Dissolved	**90.2**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:24	7440-39-3	
Cadmium, Dissolved	**0.62J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:24	7440-43-9	
Chromium, Dissolved	**0.74J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:24	7440-47-3	1j
Lead, Dissolved	**0.84J**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:24	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:24	7782-49-2	
Silver, Dissolved	**0.47J**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:24	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 13:58	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	10/14/09 10:00	10/14/09 18:22	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 18:22	208-96-8	
Anthracene	**<0.0057**	ug/L	0.047	0.0057	1	10/14/09 10:00	10/14/09 18:22	120-12-7	
Benzo(a)anthracene	**<0.0036**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 18:22	56-55-3	
Benzo(a)pyrene	**<0.0029**	ug/L	0.047	0.0029	1	10/14/09 10:00	10/14/09 18:22	50-32-8	
Benzo(b)fluoranthene	**<0.0034**	ug/L	0.047	0.0034	1	10/14/09 10:00	10/14/09 18:22	205-99-2	
Benzo(g,h,i)perylene	**<0.0048**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 18:22	191-24-2	
Benzo(k)fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 18:22	207-08-9	
Chrysene	**<0.0035**	ug/L	0.047	0.0035	1	10/14/09 10:00	10/14/09 18:22	218-01-9	
Dibenz(a,h)anthracene	**<0.0032**	ug/L	0.047	0.0032	1	10/14/09 10:00	10/14/09 18:22	53-70-3	
Fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 18:22	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 18:22	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0047**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 18:22	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	10/14/09 10:00	10/14/09 18:22	90-12-0	
2-Methylnaphthalene	**<0.0039**	ug/L	0.047	0.0039	1	10/14/09 10:00	10/14/09 18:22	91-57-6	
Naphthalene	**0.011J**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 18:22	91-20-3	Z2
Phenanthrene	**<0.0081**	ug/L	0.047	0.0081	1	10/14/09 10:00	10/14/09 18:22	85-01-8	
Pyrene	**<0.0047**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 18:22	129-00-0	
2-Fluorobiphenyl (S)	49	%	25-130		1	10/14/09 10:00	10/14/09 18:22	321-60-8	
Terphenyl-d14 (S)	78	%	36-140		1	10/14/09 10:00	10/14/09 18:22	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<16.4**	ug/L	40.0	16.4	40		10/13/09 16:05	71-43-2	
Bromobenzene	**<32.8**	ug/L	40.0	32.8	40		10/13/09 16:05	108-86-1	
Bromochloromethane	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:05	74-97-5	
Bromodichloromethane	**<22.4**	ug/L	40.0	22.4	40		10/13/09 16:05	75-27-4	
Bromoform	**<37.6**	ug/L	40.0	37.6	40		10/13/09 16:05	75-25-2	
Bromomethane	**<36.4**	ug/L	40.0	36.4	40		10/13/09 16:05	74-83-9	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-5 **Lab ID: 4023765004** Collected: 10/08/09 15:25 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<37.2**	ug/L	40.0	37.2	40		10/13/09 16:05	104-51-8	
sec-Butylbenzene	**<35.6**	ug/L	200	35.6	40		10/13/09 16:05	135-98-8	
tert-Butylbenzene	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:05	98-06-6	
Carbon tetrachloride	**<19.6**	ug/L	40.0	19.6	40		10/13/09 16:05	56-23-5	
Chlorobenzene	**<16.4**	ug/L	40.0	16.4	40		10/13/09 16:05	108-90-7	
Chloroethane	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:05	75-00-3	
Chloroform	**<52.0**	ug/L	200	52.0	40		10/13/09 16:05	67-66-3	
Chloromethane	**<9.6**	ug/L	40.0	9.6	40		10/13/09 16:05	74-87-3	
2-Chlorotoluene	**<34.0**	ug/L	40.0	34.0	40		10/13/09 16:05	95-49-8	
4-Chlorotoluene	**<29.6**	ug/L	40.0	29.6	40		10/13/09 16:05	106-43-4	
1,2-Dibromo-3-chloropropane	**<67.2**	ug/L	200	67.2	40		10/13/09 16:05	96-12-8	
Dibromochloromethane	**<32.4**	ug/L	40.0	32.4	40		10/13/09 16:05	124-48-1	
1,2-Dibromoethane (EDB)	**<22.4**	ug/L	40.0	22.4	40		10/13/09 16:05	106-93-4	
Dibromomethane	**<24.0**	ug/L	40.0	24.0	40		10/13/09 16:05	74-95-3	
1,2-Dichlorobenzene	**<33.2**	ug/L	40.0	33.2	40		10/13/09 16:05	95-50-1	
1,3-Dichlorobenzene	**<34.8**	ug/L	40.0	34.8	40		10/13/09 16:05	541-73-1	
1,4-Dichlorobenzene	**<38.0**	ug/L	40.0	38.0	40		10/13/09 16:05	106-46-7	
Dichlorodifluoromethane	**<39.6**	ug/L	40.0	39.6	40		10/13/09 16:05	75-71-8	
1,1-Dichloroethane	**<30.0**	ug/L	40.0	30.0	40		10/13/09 16:05	75-34-3	
1,2-Dichloroethane	**<14.4**	ug/L	40.0	14.4	40		10/13/09 16:05	107-06-2	
1,1-Dichloroethene	**<22.8**	ug/L	40.0	22.8	40		10/13/09 16:05	75-35-4	
cis-1,2-Dichloroethene	**530**	ug/L	40.0	33.2	40		10/13/09 16:05	156-59-2	
trans-1,2-Dichloroethene	**<35.6**	ug/L	40.0	35.6	40		10/13/09 16:05	156-60-5	
1,2-Dichloropropane	**<19.6**	ug/L	40.0	19.6	40		10/13/09 16:05	78-87-5	
1,3-Dichloropropane	**<24.4**	ug/L	40.0	24.4	40		10/13/09 16:05	142-28-9	
2,2-Dichloropropane	**<24.8**	ug/L	40.0	24.8	40		10/13/09 16:05	594-20-7	
1,1-Dichloropropene	**<30.0**	ug/L	40.0	30.0	40		10/13/09 16:05	563-58-6	
cis-1,3-Dichloropropene	**<8.0**	ug/L	40.0	8.0	40		10/13/09 16:05	10061-01-5	
trans-1,3-Dichloropropene	**<7.6**	ug/L	40.0	7.6	40		10/13/09 16:05	10061-02-6	
Diisopropyl ether	**<30.4**	ug/L	40.0	30.4	40		10/13/09 16:05	108-20-3	
Ethylbenzene	**<21.6**	ug/L	40.0	21.6	40		10/13/09 16:05	100-41-4	
Hexachloro-1,3-butadiene	**<26.8**	ug/L	200	26.8	40		10/13/09 16:05	87-68-3	
Isopropylbenzene (Cumene)	**<23.6**	ug/L	40.0	23.6	40		10/13/09 16:05	98-82-8	
p-Isopropyltoluene	**<26.8**	ug/L	40.0	26.8	40		10/13/09 16:05	99-87-6	
Methylene Chloride	**<17.2**	ug/L	40.0	17.2	40		10/13/09 16:05	75-09-2	
Methyl-tert-butyl ether	**<24.4**	ug/L	40.0	24.4	40		10/13/09 16:05	1634-04-4	
Naphthalene	**<35.6**	ug/L	200	35.6	40		10/13/09 16:05	91-20-3	
n-Propylbenzene	**<32.4**	ug/L	40.0	32.4	40		10/13/09 16:05	103-65-1	
Styrene	**<34.4**	ug/L	40.0	34.4	40		10/13/09 16:05	100-42-5	
1,1,1,2-Tetrachloroethane	**<36.8**	ug/L	40.0	36.8	40		10/13/09 16:05	630-20-6	
1,1,2,2-Tetrachloroethane	**<8.0**	ug/L	40.0	8.0	40		10/13/09 16:05	79-34-5	
Tetrachloroethene	**9510**	ug/L	40.0	18.0	40		10/13/09 16:05	127-18-4	
Toluene	**<26.8**	ug/L	40.0	26.8	40		10/13/09 16:05	108-88-3	
1,2,3-Trichlorobenzene	**<29.6**	ug/L	40.0	29.6	40		10/13/09 16:05	87-61-6	
1,2,4-Trichlorobenzene	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:05	120-82-1	
1,1,1-Trichloroethane	**<36.0**	ug/L	40.0	36.0	40		10/13/09 16:05	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-5 **Lab ID: 4023765004** Collected: 10/08/09 15:25 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<16.8**	ug/L	40.0	16.8	40		10/13/09 16:05	79-00-5	
Trichloroethene	**341**	ug/L	40.0	19.2	40		10/13/09 16:05	79-01-6	
Trichlorofluoromethane	**<31.6**	ug/L	40.0	31.6	40		10/13/09 16:05	75-69-4	
1,2,3-Trichloropropane	**<39.6**	ug/L	40.0	39.6	40		10/13/09 16:05	96-18-4	
1,2,4-Trimethylbenzene	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:05	95-63-6	
1,3,5-Trimethylbenzene	**<33.2**	ug/L	40.0	33.2	40		10/13/09 16:05	108-67-8	
Vinyl chloride	**<7.2**	ug/L	40.0	7.2	40		10/13/09 16:05	75-01-4	
m&p-Xylene	**<72.0**	ug/L	80.0	72.0	40		10/13/09 16:05	1330-20-7	
o-Xylene	**<33.2**	ug/L	40.0	33.2	40		10/13/09 16:05	95-47-6	
4-Bromofluorobenzene (S)	85	%	70-130		40		10/13/09 16:05	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		40		10/13/09 16:05	1868-53-7	
Toluene-d8 (S)	95	%	70-130		40		10/13/09 16:05	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**108**	mg/L	20.0	10.0	5		10/20/09 18:10	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**15.2**	mg/L	2.0	1.4	1		10/20/09 09:37	7440-44-0	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-6 **Lab ID: 4023765005** Collected: 10/08/09 14:55 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<0.32**	ug/L	5.6	0.32	1		10/15/09 08:05	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 08:05	74-85-1	
Methane	**<0.93**	ug/L	2.8	0.93	1		10/15/09 08:05	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**<1.4**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:28	7440-38-2	P4
Barium, Dissolved	**95.7**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:28	7440-39-3	
Cadmium, Dissolved	**0.32J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:28	7440-43-9	
Chromium, Dissolved	**0.59J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:28	7440-47-3	1j
Lead, Dissolved	**<0.75**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:28	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:28	7782-49-2	
Silver, Dissolved	**<0.42**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:28	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 14:00	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	10/14/09 10:00	10/14/09 18:39	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 18:39	208-96-8	
Anthracene	**<0.0057**	ug/L	0.047	0.0057	1	10/14/09 10:00	10/14/09 18:39	120-12-7	
Benzo(a)anthracene	**<0.0036**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 18:39	56-55-3	
Benzo(a)pyrene	**0.0044J**	ug/L	0.047	0.0029	1	10/14/09 10:00	10/14/09 18:39	50-32-8	
Benzo(b)fluoranthene	**0.0046J**	ug/L	0.047	0.0034	1	10/14/09 10:00	10/14/09 18:39	205-99-2	
Benzo(g,h,i)perylene	**0.0069J**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 18:39	191-24-2	
Benzo(k)fluoranthene	**0.0058J**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 18:39	207-08-9	
Chrysene	**0.0049J**	ug/L	0.047	0.0035	1	10/14/09 10:00	10/14/09 18:39	218-01-9	
Dibenz(a,h)anthracene	**0.0037J**	ug/L	0.047	0.0032	1	10/14/09 10:00	10/14/09 18:39	53-70-3	
Fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 18:39	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 18:39	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0052J**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 18:39	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	10/14/09 10:00	10/14/09 18:39	90-12-0	
2-Methylnaphthalene	**0.0044J**	ug/L	0.047	0.0039	1	10/14/09 10:00	10/14/09 18:39	91-57-6	Z2
Naphthalene	**0.014J**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 18:39	91-20-3	Z2
Phenanthrene	**<0.0081**	ug/L	0.047	0.0081	1	10/14/09 10:00	10/14/09 18:39	85-01-8	
Pyrene	**<0.0047**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 18:39	129-00-0	
2-Fluorobiphenyl (S)	73	%	25-130		1	10/14/09 10:00	10/14/09 18:39	321-60-8	
Terphenyl-d14 (S)	79	%	36-140		1	10/14/09 10:00	10/14/09 18:39	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<51.2**	ug/L	125	51.2	125		10/13/09 14:32	71-43-2	
Bromobenzene	**<102**	ug/L	125	102	125		10/13/09 14:32	108-86-1	
Bromochloromethane	**<121**	ug/L	125	121	125		10/13/09 14:32	74-97-5	
Bromodichloromethane	**<70.0**	ug/L	125	70.0	125		10/13/09 14:32	75-27-4	
Bromoform	**<118**	ug/L	125	118	125		10/13/09 14:32	75-25-2	M0
Bromomethane	**<114**	ug/L	125	114	125		10/13/09 14:32	74-83-9	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-6 **Lab ID: 4023765005** Collected: 10/08/09 14:55 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<116**	ug/L	125	116	125		10/13/09 14:32	104-51-8	
sec-Butylbenzene	**<111**	ug/L	625	111	125		10/13/09 14:32	135-98-8	
tert-Butylbenzene	**<121**	ug/L	125	121	125		10/13/09 14:32	98-06-6	
Carbon tetrachloride	**<61.2**	ug/L	125	61.2	125		10/13/09 14:32	56-23-5	
Chlorobenzene	**<51.2**	ug/L	125	51.2	125		10/13/09 14:32	108-90-7	
Chloroethane	**<121**	ug/L	125	121	125		10/13/09 14:32	75-00-3	
Chloroform	**<162**	ug/L	625	162	125		10/13/09 14:32	67-66-3	
Chloromethane	**<30.0**	ug/L	125	30.0	125		10/13/09 14:32	74-87-3	
2-Chlorotoluene	**<106**	ug/L	125	106	125		10/13/09 14:32	95-49-8	
4-Chlorotoluene	**<92.5**	ug/L	125	92.5	125		10/13/09 14:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<210**	ug/L	625	210	125		10/13/09 14:32	96-12-8	
Dibromochloromethane	**<101**	ug/L	125	101	125		10/13/09 14:32	124-48-1	
1,2-Dibromoethane (EDB)	**<70.0**	ug/L	125	70.0	125		10/13/09 14:32	106-93-4	
Dibromomethane	**<75.0**	ug/L	125	75.0	125		10/13/09 14:32	74-95-3	
1,2-Dichlorobenzene	**<104**	ug/L	125	104	125		10/13/09 14:32	95-50-1	
1,3-Dichlorobenzene	**<109**	ug/L	125	109	125		10/13/09 14:32	541-73-1	
1,4-Dichlorobenzene	**<119**	ug/L	125	119	125		10/13/09 14:32	106-46-7	
Dichlorodifluoromethane	**<124**	ug/L	125	124	125		10/13/09 14:32	75-71-8	
1,1-Dichloroethane	**<93.8**	ug/L	125	93.8	125		10/13/09 14:32	75-34-3	
1,2-Dichloroethane	**<45.0**	ug/L	125	45.0	125		10/13/09 14:32	107-06-2	
1,1-Dichloroethene	**<71.2**	ug/L	125	71.2	125		10/13/09 14:32	75-35-4	
cis-1,2-Dichloroethene	**4240**	ug/L	125	104	125		10/13/09 14:32	156-59-2	
trans-1,2-Dichloroethene	**<111**	ug/L	125	111	125		10/13/09 14:32	156-60-5	
1,2-Dichloropropane	**<61.2**	ug/L	125	61.2	125		10/13/09 14:32	78-87-5	
1,3-Dichloropropane	**<76.2**	ug/L	125	76.2	125		10/13/09 14:32	142-28-9	
2,2-Dichloropropane	**<77.5**	ug/L	125	77.5	125		10/13/09 14:32	594-20-7	
1,1-Dichloropropene	**<93.8**	ug/L	125	93.8	125		10/13/09 14:32	563-58-6	
cis-1,3-Dichloropropene	**<25.0**	ug/L	125	25.0	125		10/13/09 14:32	10061-01-5	
trans-1,3-Dichloropropene	**<23.8**	ug/L	125	23.8	125		10/13/09 14:32	10061-02-6	
Diisopropyl ether	**<95.0**	ug/L	125	95.0	125		10/13/09 14:32	108-20-3	
Ethylbenzene	**<67.5**	ug/L	125	67.5	125		10/13/09 14:32	100-41-4	
Hexachloro-1,3-butadiene	**<83.8**	ug/L	625	83.8	125		10/13/09 14:32	87-68-3	
Isopropylbenzene (Cumene)	**<73.8**	ug/L	125	73.8	125		10/13/09 14:32	98-82-8	
p-Isopropyltoluene	**<83.8**	ug/L	125	83.8	125		10/13/09 14:32	99-87-6	
Methylene Chloride	**<53.8**	ug/L	125	53.8	125		10/13/09 14:32	75-09-2	
Methyl-tert-butyl ether	**<76.2**	ug/L	125	76.2	125		10/13/09 14:32	1634-04-4	
Naphthalene	**<111**	ug/L	625	111	125		10/13/09 14:32	91-20-3	
n-Propylbenzene	**<101**	ug/L	125	101	125		10/13/09 14:32	103-65-1	
Styrene	**<108**	ug/L	125	108	125		10/13/09 14:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<115**	ug/L	125	115	125		10/13/09 14:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<25.0**	ug/L	125	25.0	125		10/13/09 14:32	79-34-5	
Tetrachloroethene	**20300**	ug/L	125	56.2	125		10/13/09 14:32	127-18-4	
Toluene	**<83.8**	ug/L	125	83.8	125		10/13/09 14:32	108-88-3	
1,2,3-Trichlorobenzene	**<92.5**	ug/L	125	92.5	125		10/13/09 14:32	87-61-6	
1,2,4-Trichlorobenzene	**<121**	ug/L	125	121	125		10/13/09 14:32	120-82-1	
1,1,1-Trichloroethane	**<112**	ug/L	125	112	125		10/13/09 14:32	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-6 **Lab ID: 4023765005** Collected: 10/08/09 14:55 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<52.5**	ug/L	125	52.5	125		10/13/09 14:32	79-00-5	
Trichloroethene	**3860**	ug/L	125	60.0	125		10/13/09 14:32	79-01-6	
Trichlorofluoromethane	**<98.8**	ug/L	125	98.8	125		10/13/09 14:32	75-69-4	
1,2,3-Trichloropropane	**<124**	ug/L	125	124	125		10/13/09 14:32	96-18-4	
1,2,4-Trimethylbenzene	**<121**	ug/L	125	121	125		10/13/09 14:32	95-63-6	
1,3,5-Trimethylbenzene	**<104**	ug/L	125	104	125		10/13/09 14:32	108-67-8	
Vinyl chloride	**<22.5**	ug/L	125	22.5	125		10/13/09 14:32	75-01-4	
m&p-Xylene	**<225**	ug/L	250	225	125		10/13/09 14:32	1330-20-7	
o-Xylene	**<104**	ug/L	125	104	125		10/13/09 14:32	95-47-6	
4-Bromofluorobenzene (S)	87	%	70-130		125		10/13/09 14:32	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		125		10/13/09 14:32	1868-53-7	
Toluene-d8 (S)	96	%	70-130		125		10/13/09 14:32	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**80.8**	mg/L	20.0	10.0	5		10/20/09 18:22	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**2.6**	mg/L	2.0	1.4	1		10/20/09 09:41	7440-44-0	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-7 **Lab ID: 4023765006** Collected: 10/08/09 16:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<0.32**	ug/L	5.6	0.32	1		10/15/09 08:14	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 08:14	74-85-1	
Methane	**19.3**	ug/L	2.8	0.93	1		10/15/09 08:14	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**1.5J**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:32	7440-38-2	P4
Barium, Dissolved	**115**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:32	7440-39-3	
Cadmium, Dissolved	**0.27J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:32	7440-43-9	
Chromium, Dissolved	**0.78J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:32	7440-47-3	1j
Lead, Dissolved	**1.4J**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:32	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:32	7782-49-2	
Silver, Dissolved	**<0.42**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:32	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 14:01	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0046**	ug/L	0.048	0.0046	1	10/14/09 10:00	10/14/09 18:57	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.048	0.0036	1	10/14/09 10:00	10/14/09 18:57	208-96-8	
Anthracene	**<0.0058**	ug/L	0.048	0.0058	1	10/14/09 10:00	10/14/09 18:57	120-12-7	
Benzo(a)anthracene	**<0.0037**	ug/L	0.048	0.0037	1	10/14/09 10:00	10/14/09 18:57	56-55-3	
Benzo(a)pyrene	**0.0035J**	ug/L	0.048	0.0029	1	10/14/09 10:00	10/14/09 18:57	50-32-8	
Benzo(b)fluoranthene	**0.0042J**	ug/L	0.048	0.0034	1	10/14/09 10:00	10/14/09 18:57	205-99-2	
Benzo(g,h,i)perylene	**<0.0049**	ug/L	0.048	0.0049	1	10/14/09 10:00	10/14/09 18:57	191-24-2	
Benzo(k)fluoranthene	**<0.0044**	ug/L	0.048	0.0044	1	10/14/09 10:00	10/14/09 18:57	207-08-9	
Chrysene	**0.0042J**	ug/L	0.048	0.0035	1	10/14/09 10:00	10/14/09 18:57	218-01-9	
Dibenz(a,h)anthracene	**<0.0032**	ug/L	0.048	0.0032	1	10/14/09 10:00	10/14/09 18:57	53-70-3	
Fluoranthene	**0.0063J**	ug/L	0.048	0.0044	1	10/14/09 10:00	10/14/09 18:57	206-44-0	
Fluorene	**<0.0048**	ug/L	0.048	0.0048	1	10/14/09 10:00	10/14/09 18:57	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0047**	ug/L	0.048	0.0047	1	10/14/09 10:00	10/14/09 18:57	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.048	0.0050	1	10/14/09 10:00	10/14/09 18:57	90-12-0	
2-Methylnaphthalene	**0.0061J**	ug/L	0.048	0.0039	1	10/14/09 10:00	10/14/09 18:57	91-57-6	Z2
Naphthalene	**0.015J**	ug/L	0.048	0.0049	1	10/14/09 10:00	10/14/09 18:57	91-20-3	Z2
Phenanthrene	**<0.0082**	ug/L	0.048	0.0082	1	10/14/09 10:00	10/14/09 18:57	85-01-8	
Pyrene	**0.0055J**	ug/L	0.048	0.0048	1	10/14/09 10:00	10/14/09 18:57	129-00-0	
2-Fluorobiphenyl (S)	50	%	25-130		1	10/14/09 10:00	10/14/09 18:57	321-60-8	
Terphenyl-d14 (S)	79	%	36-140		1	10/14/09 10:00	10/14/09 18:57	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<1.0**	ug/L	2.5	1.0	2.5		10/13/09 16:28	71-43-2	
Bromobenzene	**<2.0**	ug/L	2.5	2.0	2.5		10/13/09 16:28	108-86-1	
Bromochloromethane	**<2.4**	ug/L	2.5	2.4	2.5		10/13/09 16:28	74-97-5	
Bromodichloromethane	**<1.4**	ug/L	2.5	1.4	2.5		10/13/09 16:28	75-27-4	
Bromoform	**<2.4**	ug/L	2.5	2.4	2.5		10/13/09 16:28	75-25-2	
Bromomethane	**<2.3**	ug/L	2.5	2.3	2.5		10/13/09 16:28	74-83-9	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-7 **Lab ID: 4023765006** Collected: 10/08/09 16:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<2.3**	ug/L	2.5	2.3	2.5		10/13/09 16:28	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	12.5	2.2	2.5		10/13/09 16:28	135-98-8	
tert-Butylbenzene	**<2.4**	ug/L	2.5	2.4	2.5		10/13/09 16:28	98-06-6	
Carbon tetrachloride	**<1.2**	ug/L	2.5	1.2	2.5		10/13/09 16:28	56-23-5	
Chlorobenzene	**<1.0**	ug/L	2.5	1.0	2.5		10/13/09 16:28	108-90-7	
Chloroethane	**<2.4**	ug/L	2.5	2.4	2.5		10/13/09 16:28	75-00-3	
Chloroform	**<3.2**	ug/L	12.5	3.2	2.5		10/13/09 16:28	67-66-3	
Chloromethane	**<0.60**	ug/L	2.5	0.60	2.5		10/13/09 16:28	74-87-3	
2-Chlorotoluene	**<2.1**	ug/L	2.5	2.1	2.5		10/13/09 16:28	95-49-8	
4-Chlorotoluene	**<1.8**	ug/L	2.5	1.8	2.5		10/13/09 16:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.2**	ug/L	12.5	4.2	2.5		10/13/09 16:28	96-12-8	
Dibromochloromethane	**<2.0**	ug/L	2.5	2.0	2.5		10/13/09 16:28	124-48-1	
1,2-Dibromoethane (EDB)	**<1.4**	ug/L	2.5	1.4	2.5		10/13/09 16:28	106-93-4	
Dibromomethane	**<1.5**	ug/L	2.5	1.5	2.5		10/13/09 16:28	74-95-3	
1,2-Dichlorobenzene	**<2.1**	ug/L	2.5	2.1	2.5		10/13/09 16:28	95-50-1	
1,3-Dichlorobenzene	**<2.2**	ug/L	2.5	2.2	2.5		10/13/09 16:28	541-73-1	
1,4-Dichlorobenzene	**<2.4**	ug/L	2.5	2.4	2.5		10/13/09 16:28	106-46-7	
Dichlorodifluoromethane	**<2.5**	ug/L	2.5	2.5	2.5		10/13/09 16:28	75-71-8	
1,1-Dichloroethane	**<1.9**	ug/L	2.5	1.9	2.5		10/13/09 16:28	75-34-3	
1,2-Dichloroethane	**<0.90**	ug/L	2.5	0.90	2.5		10/13/09 16:28	107-06-2	
1,1-Dichloroethene	**<1.4**	ug/L	2.5	1.4	2.5		10/13/09 16:28	75-35-4	
cis-1,2-Dichloroethene	**441**	ug/L	2.5	2.1	2.5		10/13/09 16:28	156-59-2	
trans-1,2-Dichloroethene	**17.3**	ug/L	2.5	2.2	2.5		10/13/09 16:28	156-60-5	
1,2-Dichloropropane	**<1.2**	ug/L	2.5	1.2	2.5		10/13/09 16:28	78-87-5	
1,3-Dichloropropane	**<1.5**	ug/L	2.5	1.5	2.5		10/13/09 16:28	142-28-9	
2,2-Dichloropropane	**<1.6**	ug/L	2.5	1.6	2.5		10/13/09 16:28	594-20-7	
1,1-Dichloropropene	**<1.9**	ug/L	2.5	1.9	2.5		10/13/09 16:28	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	2.5	0.50	2.5		10/13/09 16:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.48**	ug/L	2.5	0.48	2.5		10/13/09 16:28	10061-02-6	
Diisopropyl ether	**<1.9**	ug/L	2.5	1.9	2.5		10/13/09 16:28	108-20-3	
Ethylbenzene	**<1.4**	ug/L	2.5	1.4	2.5		10/13/09 16:28	100-41-4	
Hexachloro-1,3-butadiene	**<1.7**	ug/L	12.5	1.7	2.5		10/13/09 16:28	87-68-3	
Isopropylbenzene (Cumene)	**<1.5**	ug/L	2.5	1.5	2.5		10/13/09 16:28	98-82-8	
p-Isopropyltoluene	**<1.7**	ug/L	2.5	1.7	2.5		10/13/09 16:28	99-87-6	
Methylene Chloride	**<1.1**	ug/L	2.5	1.1	2.5		10/13/09 16:28	75-09-2	
Methyl-tert-butyl ether	**<1.5**	ug/L	2.5	1.5	2.5		10/13/09 16:28	1634-04-4	
Naphthalene	**<2.2**	ug/L	12.5	2.2	2.5		10/13/09 16:28	91-20-3	
n-Propylbenzene	**<2.0**	ug/L	2.5	2.0	2.5		10/13/09 16:28	103-65-1	
Styrene	**<2.2**	ug/L	2.5	2.2	2.5		10/13/09 16:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<2.3**	ug/L	2.5	2.3	2.5		10/13/09 16:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	2.5	0.50	2.5		10/13/09 16:28	79-34-5	
Tetrachloroethene	**70.9**	ug/L	2.5	1.1	2.5		10/13/09 16:28	127-18-4	
Toluene	**<1.7**	ug/L	2.5	1.7	2.5		10/13/09 16:28	108-88-3	
1,2,3-Trichlorobenzene	**<1.8**	ug/L	2.5	1.8	2.5		10/13/09 16:28	87-61-6	
1,2,4-Trichlorobenzene	**<2.4**	ug/L	2.5	2.4	2.5		10/13/09 16:28	120-82-1	
1,1,1-Trichloroethane	**<2.2**	ug/L	2.5	2.2	2.5		10/13/09 16:28	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-7 **Lab ID: 4023765006** Collected: 10/08/09 16:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<1.0**	ug/L	2.5	1.0	2.5		10/13/09 16:28	79-00-5	
Trichloroethene	**56.0**	ug/L	2.5	1.2	2.5		10/13/09 16:28	79-01-6	
Trichlorofluoromethane	**<2.0**	ug/L	2.5	2.0	2.5		10/13/09 16:28	75-69-4	
1,2,3-Trichloropropane	**<2.5**	ug/L	2.5	2.5	2.5		10/13/09 16:28	96-18-4	
1,2,4-Trimethylbenzene	**<2.4**	ug/L	2.5	2.4	2.5		10/13/09 16:28	95-63-6	
1,3,5-Trimethylbenzene	**<2.1**	ug/L	2.5	2.1	2.5		10/13/09 16:28	108-67-8	
Vinyl chloride	**10.7**	ug/L	2.5	0.45	2.5		10/13/09 16:28	75-01-4	
m&p-Xylene	**<4.5**	ug/L	5.0	4.5	2.5		10/13/09 16:28	1330-20-7	
o-Xylene	**<2.1**	ug/L	2.5	2.1	2.5		10/13/09 16:28	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		2.5		10/13/09 16:28	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		2.5		10/13/09 16:28	1868-53-7	
Toluene-d8 (S)	95	%	70-130		2.5		10/13/09 16:28	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**25.2**	mg/L	4.0	2.0	1		10/20/09 18:58	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**6.8**	mg/L	2.0	1.4	1		10/20/09 09:45	7440-44-0	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-9 **Lab ID: 4023765007** Collected: 10/08/09 17:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**2.1J**	ug/L	5.6	0.32	1		10/15/09 08:23	74-84-0	
Ethene	**49.0**	ug/L	5.0	0.47	1		10/15/09 08:23	74-85-1	
Methane	**212**	ug/L	2.8	0.93	1		10/15/09 08:23	74-82-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0049**	ug/L	0.052	0.0049	1	10/14/09 10:00	10/14/09 19:14	83-32-9	
Acenaphthylene	**<0.0039**	ug/L	0.052	0.0039	1	10/14/09 10:00	10/14/09 19:14	208-96-8	
Anthracene	**<0.0063**	ug/L	0.052	0.0063	1	10/14/09 10:00	10/14/09 19:14	120-12-7	
Benzo(a)anthracene	**<0.0040**	ug/L	0.052	0.0040	1	10/14/09 10:00	10/14/09 19:14	56-55-3	
Benzo(a)pyrene	**<0.0031**	ug/L	0.052	0.0031	1	10/14/09 10:00	10/14/09 19:14	50-32-8	
Benzo(b)fluoranthene	**<0.0037**	ug/L	0.052	0.0037	1	10/14/09 10:00	10/14/09 19:14	205-99-2	
Benzo(g,h,i)perylene	**<0.0053**	ug/L	0.052	0.0053	1	10/14/09 10:00	10/14/09 19:14	191-24-2	
Benzo(k)fluoranthene	**<0.0048**	ug/L	0.052	0.0048	1	10/14/09 10:00	10/14/09 19:14	207-08-9	
Chrysene	**0.0039J**	ug/L	0.052	0.0038	1	10/14/09 10:00	10/14/09 19:14	218-01-9	
Dibenz(a,h)anthracene	**<0.0035**	ug/L	0.052	0.0035	1	10/14/09 10:00	10/14/09 19:14	53-70-3	
Fluoranthene	**<0.0048**	ug/L	0.052	0.0048	1	10/14/09 10:00	10/14/09 19:14	206-44-0	
Fluorene	**<0.0052**	ug/L	0.052	0.0052	1	10/14/09 10:00	10/14/09 19:14	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0051**	ug/L	0.052	0.0051	1	10/14/09 10:00	10/14/09 19:14	193-39-5	
1-Methylnaphthalene	**0.012J**	ug/L	0.052	0.0055	1	10/14/09 10:00	10/14/09 19:14	90-12-0	Z2
2-Methylnaphthalene	**0.029J**	ug/L	0.052	0.0042	1	10/14/09 10:00	10/14/09 19:14	91-57-6	Z2
Naphthalene	**0.10**	ug/L	0.052	0.0053	1	10/14/09 10:00	10/14/09 19:14	91-20-3	Z2
Phenanthrene	**0.010J**	ug/L	0.052	0.0088	1	10/14/09 10:00	10/14/09 19:14	85-01-8	
Pyrene	**<0.0052**	ug/L	0.052	0.0052	1	10/14/09 10:00	10/14/09 19:14	129-00-0	
2-Fluorobiphenyl (S)	44	%	25-130		1	10/14/09 10:00	10/14/09 19:14	321-60-8	
Terphenyl-d14 (S)	83	%	36-140		1	10/14/09 10:00	10/14/09 19:14	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<410**	ug/L	1000	410	1000		10/14/09 10:56	71-43-2	
Bromobenzene	**<820**	ug/L	1000	820	1000		10/14/09 10:56	108-86-1	
Bromochloromethane	**<970**	ug/L	1000	970	1000		10/14/09 10:56	74-97-5	
Bromodichloromethane	**<560**	ug/L	1000	560	1000		10/14/09 10:56	75-27-4	
Bromoform	**<940**	ug/L	1000	940	1000		10/14/09 10:56	75-25-2	
Bromomethane	**<910**	ug/L	1000	910	1000		10/14/09 10:56	74-83-9	
n-Butylbenzene	**<930**	ug/L	1000	930	1000		10/14/09 10:56	104-51-8	
sec-Butylbenzene	**<890**	ug/L	5000	890	1000		10/14/09 10:56	135-98-8	
tert-Butylbenzene	**<970**	ug/L	1000	970	1000		10/14/09 10:56	98-06-6	
Carbon tetrachloride	**<490**	ug/L	1000	490	1000		10/14/09 10:56	56-23-5	
Chlorobenzene	**<410**	ug/L	1000	410	1000		10/14/09 10:56	108-90-7	
Chloroethane	**<970**	ug/L	1000	970	1000		10/14/09 10:56	75-00-3	
Chloroform	**<1300**	ug/L	5000	1300	1000		10/14/09 10:56	67-66-3	
Chloromethane	**<240**	ug/L	1000	240	1000		10/14/09 10:56	74-87-3	
2-Chlorotoluene	**<850**	ug/L	1000	850	1000		10/14/09 10:56	95-49-8	
4-Chlorotoluene	**<740**	ug/L	1000	740	1000		10/14/09 10:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<1680**	ug/L	5000	1680	1000		10/14/09 10:56	96-12-8	
Dibromochloromethane	**<810**	ug/L	1000	810	1000		10/14/09 10:56	124-48-1	
1,2-Dibromoethane (EDB)	**<560**	ug/L	1000	560	1000		10/14/09 10:56	106-93-4	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-9 **Lab ID: 4023765007** Collected: 10/08/09 17:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<600**	ug/L	1000	600	1000		10/14/09 10:56	74-95-3	
1,2-Dichlorobenzene	**<830**	ug/L	1000	830	1000		10/14/09 10:56	95-50-1	
1,3-Dichlorobenzene	**<870**	ug/L	1000	870	1000		10/14/09 10:56	541-73-1	
1,4-Dichlorobenzene	**<950**	ug/L	1000	950	1000		10/14/09 10:56	106-46-7	
Dichlorodifluoromethane	**<990**	ug/L	1000	990	1000		10/14/09 10:56	75-71-8	
1,1-Dichloroethane	**<750**	ug/L	1000	750	1000		10/14/09 10:56	75-34-3	
1,2-Dichloroethane	**<360**	ug/L	1000	360	1000		10/14/09 10:56	107-06-2	
1,1-Dichloroethene	**<570**	ug/L	1000	570	1000		10/14/09 10:56	75-35-4	
cis-1,2-Dichloroethene	**33700**	ug/L	1000	830	1000		10/14/09 10:56	156-59-2	
trans-1,2-Dichloroethene	**<890**	ug/L	1000	890	1000		10/14/09 10:56	156-60-5	
1,2-Dichloropropane	**<490**	ug/L	1000	490	1000		10/14/09 10:56	78-87-5	
1,3-Dichloropropane	**<610**	ug/L	1000	610	1000		10/14/09 10:56	142-28-9	
2,2-Dichloropropane	**<620**	ug/L	1000	620	1000		10/14/09 10:56	594-20-7	
1,1-Dichloropropene	**<750**	ug/L	1000	750	1000		10/14/09 10:56	563-58-6	
cis-1,3-Dichloropropene	**<200**	ug/L	1000	200	1000		10/14/09 10:56	10061-01-5	
trans-1,3-Dichloropropene	**<190**	ug/L	1000	190	1000		10/14/09 10:56	10061-02-6	
Diisopropyl ether	**<760**	ug/L	1000	760	1000		10/14/09 10:56	108-20-3	
Ethylbenzene	**<540**	ug/L	1000	540	1000		10/14/09 10:56	100-41-4	
Hexachloro-1,3-butadiene	**<670**	ug/L	5000	670	1000		10/14/09 10:56	87-68-3	
Isopropylbenzene (Cumene)	**<590**	ug/L	1000	590	1000		10/14/09 10:56	98-82-8	
p-Isopropyltoluene	**<670**	ug/L	1000	670	1000		10/14/09 10:56	99-87-6	
Methylene Chloride	**<430**	ug/L	1000	430	1000		10/14/09 10:56	75-09-2	
Methyl-tert-butyl ether	**<610**	ug/L	1000	610	1000		10/14/09 10:56	1634-04-4	
Naphthalene	**<890**	ug/L	5000	890	1000		10/14/09 10:56	91-20-3	
n-Propylbenzene	**<810**	ug/L	1000	810	1000		10/14/09 10:56	103-65-1	
Styrene	**<860**	ug/L	1000	860	1000		10/14/09 10:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<920**	ug/L	1000	920	1000		10/14/09 10:56	630-20-6	
1,1,2,2-Tetrachloroethane	**<200**	ug/L	1000	200	1000		10/14/09 10:56	79-34-5	
Tetrachloroethene	**155000**	ug/L	1000	450	1000		10/14/09 10:56	127-18-4	
Toluene	**<670**	ug/L	1000	670	1000		10/14/09 10:56	108-88-3	
1,2,3-Trichlorobenzene	**<740**	ug/L	1000	740	1000		10/14/09 10:56	87-61-6	
1,2,4-Trichlorobenzene	**<970**	ug/L	1000	970	1000		10/14/09 10:56	120-82-1	
1,1,1-Trichloroethane	**<900**	ug/L	1000	900	1000		10/14/09 10:56	71-55-6	
1,1,2-Trichloroethane	**<420**	ug/L	1000	420	1000		10/14/09 10:56	79-00-5	
Trichloroethene	**2080**	ug/L	1000	480	1000		10/14/09 10:56	79-01-6	
Trichlorofluoromethane	**<790**	ug/L	1000	790	1000		10/14/09 10:56	75-69-4	
1,2,3-Trichloropropane	**<990**	ug/L	1000	990	1000		10/14/09 10:56	96-18-4	
1,2,4-Trimethylbenzene	**<970**	ug/L	1000	970	1000		10/14/09 10:56	95-63-6	
1,3,5-Trimethylbenzene	**<830**	ug/L	1000	830	1000		10/14/09 10:56	108-67-8	
Vinyl chloride	**1140**	ug/L	1000	180	1000		10/14/09 10:56	75-01-4	
m&p-Xylene	**<1800**	ug/L	2000	1800	1000		10/14/09 10:56	1330-20-7	
o-Xylene	**<830**	ug/L	1000	830	1000		10/14/09 10:56	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		1000		10/14/09 10:56	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1000		10/14/09 10:56	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1000		10/14/09 10:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-10 **Lab ID: 4023765008** Collected: 10/08/09 13:30 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<0.32**	ug/L	5.6	0.32	1		10/15/09 08:32	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 08:32	74-85-1	
Methane	**10.4**	ug/L	2.8	0.93	1		10/15/09 08:32	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**<1.4**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:36	7440-38-2	P4
Barium, Dissolved	**80.5**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:36	7440-39-3	
Cadmium, Dissolved	**0.20J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:36	7440-43-9	
Chromium, Dissolved	**0.55J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:36	7440-47-3	1j
Lead, Dissolved	**2.0J**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:36	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:36	7782-49-2	
Silver, Dissolved	**0.81J**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:36	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 14:02	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0049**	ug/L	0.052	0.0049	1	10/14/09 10:00	10/14/09 19:32	83-32-9	
Acenaphthylene	**<0.0039**	ug/L	0.052	0.0039	1	10/14/09 10:00	10/14/09 19:32	208-96-8	
Anthracene	**0.011J**	ug/L	0.052	0.0063	1	10/14/09 10:00	10/14/09 19:32	120-12-7	
Benzo(a)anthracene	**0.023J**	ug/L	0.052	0.0040	1	10/14/09 10:00	10/14/09 19:32	56-55-3	
Benzo(a)pyrene	**0.024J**	ug/L	0.052	0.0031	1	10/14/09 10:00	10/14/09 19:32	50-32-8	
Benzo(b)fluoranthene	**0.027J**	ug/L	0.052	0.0037	1	10/14/09 10:00	10/14/09 19:32	205-99-2	
Benzo(g,h,i)perylene	**0.019J**	ug/L	0.052	0.0053	1	10/14/09 10:00	10/14/09 19:32	191-24-2	
Benzo(k)fluoranthene	**0.024J**	ug/L	0.052	0.0048	1	10/14/09 10:00	10/14/09 19:32	207-08-9	
Chrysene	**0.034J**	ug/L	0.052	0.0038	1	10/14/09 10:00	10/14/09 19:32	218-01-9	
Dibenz(a,h)anthracene	**<0.0035**	ug/L	0.052	0.0035	1	10/14/09 10:00	10/14/09 19:32	53-70-3	
Fluoranthene	**0.055**	ug/L	0.052	0.0048	1	10/14/09 10:00	10/14/09 19:32	206-44-0	
Fluorene	**<0.0052**	ug/L	0.052	0.0052	1	10/14/09 10:00	10/14/09 19:32	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.014J**	ug/L	0.052	0.0051	1	10/14/09 10:00	10/14/09 19:32	193-39-5	
1-Methylnaphthalene	**<0.0055**	ug/L	0.052	0.0055	1	10/14/09 10:00	10/14/09 19:32	90-12-0	
2-Methylnaphthalene	**0.0067J**	ug/L	0.052	0.0042	1	10/14/09 10:00	10/14/09 19:32	91-57-6	Z2
Naphthalene	**0.0096J**	ug/L	0.052	0.0053	1	10/14/09 10:00	10/14/09 19:32	91-20-3	Z2
Phenanthrene	**0.022J**	ug/L	0.052	0.0088	1	10/14/09 10:00	10/14/09 19:32	85-01-8	
Pyrene	**0.046J**	ug/L	0.052	0.0052	1	10/14/09 10:00	10/14/09 19:32	129-00-0	
2-Fluorobiphenyl (S)	57	%	25-130		1	10/14/09 10:00	10/14/09 19:32	321-60-8	
Terphenyl-d14 (S)	76	%	36-140		1	10/14/09 10:00	10/14/09 19:32	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		10/14/09 10:09	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		10/14/09 10:09	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:09	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		10/14/09 10:09	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		10/14/09 10:09	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		10/14/09 10:09	74-83-9	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-10 **Lab ID: 4023765008** Collected: 10/08/09 13:30 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		10/14/09 10:09	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		10/14/09 10:09	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:09	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		10/14/09 10:09	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		10/14/09 10:09	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:09	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/14/09 10:09	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		10/14/09 10:09	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		10/14/09 10:09	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		10/14/09 10:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		10/14/09 10:09	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		10/14/09 10:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		10/14/09 10:09	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		10/14/09 10:09	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 10:09	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		10/14/09 10:09	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		10/14/09 10:09	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		10/14/09 10:09	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		10/14/09 10:09	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		10/14/09 10:09	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		10/14/09 10:09	75-35-4	
cis-1,2-Dichloroethene	**5.0**	ug/L	1.0	0.83	1		10/14/09 10:09	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		10/14/09 10:09	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		10/14/09 10:09	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		10/14/09 10:09	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		10/14/09 10:09	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		10/14/09 10:09	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		10/14/09 10:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		10/14/09 10:09	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		10/14/09 10:09	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		10/14/09 10:09	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		10/14/09 10:09	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		10/14/09 10:09	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		10/14/09 10:09	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		10/14/09 10:09	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		10/14/09 10:09	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		10/14/09 10:09	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		10/14/09 10:09	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		10/14/09 10:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		10/14/09 10:09	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		10/14/09 10:09	79-34-5	
Tetrachloroethene	**5.6**	ug/L	1.0	0.45	1		10/14/09 10:09	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		10/14/09 10:09	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		10/14/09 10:09	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:09	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		10/14/09 10:09	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-10 **Lab ID: 4023765008** Collected: 10/08/09 13:30 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		10/14/09 10:09	79-00-5	
Trichloroethene	**0.74J**	ug/L	1.0	0.48	1		10/14/09 10:09	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		10/14/09 10:09	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		10/14/09 10:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 10:09	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		10/14/09 10:09	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		10/14/09 10:09	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 10:09	95-47-6	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/14/09 10:09	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		10/14/09 10:09	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		10/14/09 10:09	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**127**	mg/L	20.0	10.0	5		10/20/09 19:35	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**2.7**	mg/L	2.0	1.4	1		10/20/09 09:55	7440-44-0	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-11 **Lab ID: 4023765009** Collected: 10/08/09 14:40 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<0.32**	ug/L	5.6	0.32	1		10/15/09 08:41	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 08:41	74-85-1	
Methane	**5.0**	ug/L	2.8	0.93	1		10/15/09 08:41	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**3.0J**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:40	7440-38-2	P4
Barium, Dissolved	**171**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:40	7440-39-3	
Cadmium, Dissolved	**0.32J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:40	7440-43-9	
Chromium, Dissolved	**0.54J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:40	7440-47-3	1j
Lead, Dissolved	**0.82J**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:40	7439-92-1	
Selenium, Dissolved	**3.8J**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:40	7782-49-2	
Silver, Dissolved	**0.67J**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:40	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 14:04	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**0.029J**	ug/L	0.050	0.0048	1	10/14/09 10:00	10/14/09 20:42	83-32-9	
Acenaphthylene	**0.0093J**	ug/L	0.050	0.0038	1	10/14/09 10:00	10/14/09 20:42	208-96-8	
Anthracene	**0.084**	ug/L	0.050	0.0061	1	10/14/09 10:00	10/14/09 20:42	120-12-7	
Benzo(a)anthracene	**0.45**	ug/L	0.050	0.0038	1	10/14/09 10:00	10/14/09 20:42	56-55-3	
Benzo(a)pyrene	**0.44**	ug/L	0.050	0.0030	1	10/14/09 10:00	10/14/09 20:42	50-32-8	
Benzo(b)fluoranthene	**0.42**	ug/L	0.050	0.0036	1	10/14/09 10:00	10/14/09 20:42	205-99-2	
Benzo(g,h,i)perylene	**0.22**	ug/L	0.050	0.0051	1	10/14/09 10:00	10/14/09 20:42	191-24-2	
Benzo(k)fluoranthene	**0.29**	ug/L	0.050	0.0046	1	10/14/09 10:00	10/14/09 20:42	207-08-9	
Chrysene	**0.43**	ug/L	0.050	0.0037	1	10/14/09 10:00	10/14/09 20:42	218-01-9	
Dibenz(a,h)anthracene	**0.086**	ug/L	0.050	0.0034	1	10/14/09 10:00	10/14/09 20:42	53-70-3	
Fluoranthene	**0.79**	ug/L	0.050	0.0047	1	10/14/09 10:00	10/14/09 20:42	206-44-0	
Fluorene	**0.031J**	ug/L	0.050	0.0051	1	10/14/09 10:00	10/14/09 20:42	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.20**	ug/L	0.050	0.0050	1	10/14/09 10:00	10/14/09 20:42	193-39-5	
1-Methylnaphthalene	**0.013J**	ug/L	0.050	0.0053	1	10/14/09 10:00	10/14/09 20:42	90-12-0	Z2
2-Methylnaphthalene	**0.019J**	ug/L	0.050	0.0041	1	10/14/09 10:00	10/14/09 20:42	91-57-6	Z2
Naphthalene	**0.018J**	ug/L	0.050	0.0051	1	10/14/09 10:00	10/14/09 20:42	91-20-3	Z2
Phenanthrene	**0.32**	ug/L	0.050	0.0086	1	10/14/09 10:00	10/14/09 20:42	85-01-8	
Pyrene	**0.69**	ug/L	0.050	0.0050	1	10/14/09 10:00	10/14/09 20:42	129-00-0	
2-Fluorobiphenyl (S)	54	%	25-130		1	10/14/09 10:00	10/14/09 20:42	321-60-8	
Terphenyl-d14 (S)	75	%	36-140		1	10/14/09 10:00	10/14/09 20:42	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		10/13/09 18:01	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		10/13/09 18:01	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		10/13/09 18:01	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		10/13/09 18:01	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		10/13/09 18:01	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		10/13/09 18:01	74-83-9	

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

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-11 **Lab ID: 4023765009** Collected: 10/08/09 14:40 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		10/13/09 18:01	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		10/13/09 18:01	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/13/09 18:01	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		10/13/09 18:01	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		10/13/09 18:01	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		10/13/09 18:01	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/13/09 18:01	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		10/13/09 18:01	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		10/13/09 18:01	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		10/13/09 18:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		10/13/09 18:01	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		10/13/09 18:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		10/13/09 18:01	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		10/13/09 18:01	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		10/13/09 18:01	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		10/13/09 18:01	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		10/13/09 18:01	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		10/13/09 18:01	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		10/13/09 18:01	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		10/13/09 18:01	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		10/13/09 18:01	75-35-4	
cis-1,2-Dichloroethene	**2.4**	ug/L	1.0	0.83	1		10/13/09 18:01	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		10/13/09 18:01	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		10/13/09 18:01	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		10/13/09 18:01	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		10/13/09 18:01	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		10/13/09 18:01	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		10/13/09 18:01	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		10/13/09 18:01	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		10/13/09 18:01	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		10/13/09 18:01	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		10/13/09 18:01	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		10/13/09 18:01	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		10/13/09 18:01	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		10/13/09 18:01	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		10/13/09 18:01	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		10/13/09 18:01	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		10/13/09 18:01	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		10/13/09 18:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		10/13/09 18:01	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		10/13/09 18:01	79-34-5	
Tetrachloroethene	**23.3**	ug/L	1.0	0.45	1		10/13/09 18:01	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		10/13/09 18:01	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		10/13/09 18:01	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		10/13/09 18:01	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		10/13/09 18:01	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-11 **Lab ID: 4023765009** Collected: 10/08/09 14:40 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		10/13/09 18:01	79-00-5	
Trichloroethene	**2.2**	ug/L	1.0	0.48	1		10/13/09 18:01	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		10/13/09 18:01	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		10/13/09 18:01	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/13/09 18:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		10/13/09 18:01	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		10/13/09 18:01	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		10/13/09 18:01	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		10/13/09 18:01	95-47-6	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/13/09 18:01	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/13/09 18:01	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		10/13/09 18:01	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**117**	mg/L	20.0	10.0	5		10/20/09 19:47	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**2.6**	mg/L	2.0	1.4	1		10/20/09 10:00	7440-44-0	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-12 **Lab ID: 4023765010** Collected: 10/08/09 14:30 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<0.32**	ug/L	5.6	0.32	1		10/15/09 08:50	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 08:50	74-85-1	
Methane	**5.9**	ug/L	2.8	0.93	1		10/15/09 08:50	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**<1.4**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:44	7440-38-2	P4
Barium, Dissolved	**61.2**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:44	7440-39-3	
Cadmium, Dissolved	**0.26J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:44	7440-43-9	
Chromium, Dissolved	**<0.32**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:44	7440-47-3	
Lead, Dissolved	**1.3J**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:44	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:44	7782-49-2	
Silver, Dissolved	**<0.42**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:44	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 14:05	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0049**	ug/L	0.052	0.0049	1	10/14/09 10:00	10/14/09 20:59	83-32-9	
Acenaphthylene	**<0.0039**	ug/L	0.052	0.0039	1	10/14/09 10:00	10/14/09 20:59	208-96-8	
Anthracene	**0.0079J**	ug/L	0.052	0.0063	1	10/14/09 10:00	10/14/09 20:59	120-12-7	
Benzo(a)anthracene	**0.0093J**	ug/L	0.052	0.0040	1	10/14/09 10:00	10/14/09 20:59	56-55-3	
Benzo(a)pyrene	**0.0089J**	ug/L	0.052	0.0031	1	10/14/09 10:00	10/14/09 20:59	50-32-8	
Benzo(b)fluoranthene	**0.010J**	ug/L	0.052	0.0037	1	10/14/09 10:00	10/14/09 20:59	205-99-2	
Benzo(g,h,i)perylene	**0.0095J**	ug/L	0.052	0.0053	1	10/14/09 10:00	10/14/09 20:59	191-24-2	
Benzo(k)fluoranthene	**0.0072J**	ug/L	0.052	0.0048	1	10/14/09 10:00	10/14/09 20:59	207-08-9	
Chrysene	**0.016J**	ug/L	0.052	0.0038	1	10/14/09 10:00	10/14/09 20:59	218-01-9	
Dibenz(a,h)anthracene	**0.0047J**	ug/L	0.052	0.0035	1	10/14/09 10:00	10/14/09 20:59	53-70-3	
Fluoranthene	**0.014J**	ug/L	0.052	0.0048	1	10/14/09 10:00	10/14/09 20:59	206-44-0	
Fluorene	**0.0063J**	ug/L	0.052	0.0052	1	10/14/09 10:00	10/14/09 20:59	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0057J**	ug/L	0.052	0.0051	1	10/14/09 10:00	10/14/09 20:59	193-39-5	
1-Methylnaphthalene	**<0.0055**	ug/L	0.052	0.0055	1	10/14/09 10:00	10/14/09 20:59	90-12-0	
2-Methylnaphthalene	**0.0098J**	ug/L	0.052	0.0042	1	10/14/09 10:00	10/14/09 20:59	91-57-6	Z2
Naphthalene	**0.012J**	ug/L	0.052	0.0053	1	10/14/09 10:00	10/14/09 20:59	91-20-3	Z2
Phenanthrene	**0.012J**	ug/L	0.052	0.0088	1	10/14/09 10:00	10/14/09 20:59	85-01-8	
Pyrene	**0.022J**	ug/L	0.052	0.0052	1	10/14/09 10:00	10/14/09 20:59	129-00-0	
2-Fluorobiphenyl (S)	62	%	25-130		1	10/14/09 10:00	10/14/09 20:59	321-60-8	
Terphenyl-d14 (S)	81	%	36-140		1	10/14/09 10:00	10/14/09 20:59	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		10/14/09 10:32	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		10/14/09 10:32	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:32	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		10/14/09 10:32	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		10/14/09 10:32	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		10/14/09 10:32	74-83-9	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-12 **Lab ID: 4023765010** Collected: 10/08/09 14:30 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		10/14/09 10:32	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		10/14/09 10:32	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:32	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		10/14/09 10:32	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		10/14/09 10:32	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:32	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		10/14/09 10:32	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		10/14/09 10:32	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		10/14/09 10:32	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		10/14/09 10:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		10/14/09 10:32	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		10/14/09 10:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		10/14/09 10:32	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		10/14/09 10:32	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 10:32	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		10/14/09 10:32	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		10/14/09 10:32	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		10/14/09 10:32	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		10/14/09 10:32	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		10/14/09 10:32	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		10/14/09 10:32	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 10:32	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		10/14/09 10:32	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		10/14/09 10:32	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		10/14/09 10:32	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		10/14/09 10:32	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		10/14/09 10:32	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		10/14/09 10:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		10/14/09 10:32	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		10/14/09 10:32	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		10/14/09 10:32	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		10/14/09 10:32	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		10/14/09 10:32	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		10/14/09 10:32	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		10/14/09 10:32	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		10/14/09 10:32	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		10/14/09 10:32	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		10/14/09 10:32	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		10/14/09 10:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		10/14/09 10:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		10/14/09 10:32	79-34-5	
Tetrachloroethene	**1.6**	ug/L	1.0	0.45	1		10/14/09 10:32	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		10/14/09 10:32	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		10/14/09 10:32	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:32	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		10/14/09 10:32	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-12 **Lab ID: 4023765010** Collected: 10/08/09 14:30 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		10/14/09 10:32	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		10/14/09 10:32	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		10/14/09 10:32	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		10/14/09 10:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		10/14/09 10:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 10:32	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		10/14/09 10:32	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		10/14/09 10:32	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		10/14/09 10:32	95-47-6	
4-Bromofluorobenzene (S)	87	%	70-130		1		10/14/09 10:32	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		10/14/09 10:32	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		10/14/09 10:32	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**28.6**	mg/L	4.0	2.0	1		10/20/09 19:59	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**2.2**	mg/L	2.0	1.4	1		10/20/09 10:04	7440-44-0	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-5 DUPLICATE **Lab ID: 4023765011** Collected: 10/08/09 00:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified								
Ethane	**<0.32**	ug/L	5.6	0.32	1		10/15/09 09:17	74-84-0	
Ethene	**<0.47**	ug/L	5.0	0.47	1		10/15/09 09:17	74-85-1	
Methane	**<0.93**	ug/L	2.8	0.93	1		10/15/09 09:17	74-82-8	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010 Preparation Method: EPA 6010								
Arsenic, Dissolved	**1.6J**	ug/L	20.0	1.4	1	10/14/09 11:50	10/15/09 01:48	7440-38-2	P4
Barium, Dissolved	**84.9**	ug/L	5.0	0.18	1	10/14/09 11:50	10/15/09 01:48	7440-39-3	
Cadmium, Dissolved	**0.91J**	ug/L	5.0	0.13	1	10/14/09 11:50	10/15/09 01:48	7440-43-9	
Chromium, Dissolved	**0.66J**	ug/L	5.0	0.32	1	10/14/09 11:50	10/15/09 01:48	7440-47-3	1j
Lead, Dissolved	**<0.75**	ug/L	10.0	0.75	1	10/14/09 11:50	10/15/09 01:48	7439-92-1	
Selenium, Dissolved	**<3.3**	ug/L	20.0	3.3	1	10/14/09 11:50	10/15/09 01:48	7782-49-2	
Silver, Dissolved	**0.62J**	ug/L	10.0	0.42	1	10/14/09 11:50	10/15/09 01:48	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	10/14/09 16:15	10/15/09 14:06	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	10/14/09 10:00	10/14/09 21:16	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 21:16	208-96-8	
Anthracene	**<0.0057**	ug/L	0.047	0.0057	1	10/14/09 10:00	10/14/09 21:16	120-12-7	
Benzo(a)anthracene	**<0.0036**	ug/L	0.047	0.0036	1	10/14/09 10:00	10/14/09 21:16	56-55-3	
Benzo(a)pyrene	**<0.0029**	ug/L	0.047	0.0029	1	10/14/09 10:00	10/14/09 21:16	50-32-8	
Benzo(b)fluoranthene	**<0.0034**	ug/L	0.047	0.0034	1	10/14/09 10:00	10/14/09 21:16	205-99-2	
Benzo(g,h,i)perylene	**<0.0048**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 21:16	191-24-2	
Benzo(k)fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 21:16	207-08-9	
Chrysene	**<0.0035**	ug/L	0.047	0.0035	1	10/14/09 10:00	10/14/09 21:16	218-01-9	
Dibenz(a,h)anthracene	**<0.0032**	ug/L	0.047	0.0032	1	10/14/09 10:00	10/14/09 21:16	53-70-3	
Fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	10/14/09 10:00	10/14/09 21:16	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 21:16	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0047**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 21:16	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	10/14/09 10:00	10/14/09 21:16	90-12-0	
2-Methylnaphthalene	**<0.0039**	ug/L	0.047	0.0039	1	10/14/09 10:00	10/14/09 21:16	91-57-6	
Naphthalene	**0.0092J**	ug/L	0.047	0.0048	1	10/14/09 10:00	10/14/09 21:16	91-20-3	Z2
Phenanthrene	**<0.0081**	ug/L	0.047	0.0081	1	10/14/09 10:00	10/14/09 21:16	85-01-8	
Pyrene	**<0.0047**	ug/L	0.047	0.0047	1	10/14/09 10:00	10/14/09 21:16	129-00-0	
2-Fluorobiphenyl (S)	69	%	25-130		1	10/14/09 10:00	10/14/09 21:16	321-60-8	
Terphenyl-d14 (S)	73	%	36-140		1	10/14/09 10:00	10/14/09 21:16	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<16.4**	ug/L	40.0	16.4	40		10/13/09 16:51	71-43-2	
Bromobenzene	**<32.8**	ug/L	40.0	32.8	40		10/13/09 16:51	108-86-1	
Bromochloromethane	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:51	74-97-5	
Bromodichloromethane	**<22.4**	ug/L	40.0	22.4	40		10/13/09 16:51	75-27-4	
Bromoform	**<37.6**	ug/L	40.0	37.6	40		10/13/09 16:51	75-25-2	
Bromomethane	**<36.4**	ug/L	40.0	36.4	40		10/13/09 16:51	74-83-9	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-5 DUPLICATE **Lab ID: 4023765011** Collected: 10/08/09 00:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
n-Butylbenzene	**<37.2**	ug/L	40.0	37.2	40		10/13/09 16:51	104-51-8	
sec-Butylbenzene	**<35.6**	ug/L	200	35.6	40		10/13/09 16:51	135-98-8	
tert-Butylbenzene	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:51	98-06-6	
Carbon tetrachloride	**<19.6**	ug/L	40.0	19.6	40		10/13/09 16:51	56-23-5	
Chlorobenzene	**<16.4**	ug/L	40.0	16.4	40		10/13/09 16:51	108-90-7	
Chloroethane	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:51	75-00-3	
Chloroform	**<52.0**	ug/L	200	52.0	40		10/13/09 16:51	67-66-3	
Chloromethane	**<9.6**	ug/L	40.0	9.6	40		10/13/09 16:51	74-87-3	
2-Chlorotoluene	**<34.0**	ug/L	40.0	34.0	40		10/13/09 16:51	95-49-8	
4-Chlorotoluene	**<29.6**	ug/L	40.0	29.6	40		10/13/09 16:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<67.2**	ug/L	200	67.2	40		10/13/09 16:51	96-12-8	
Dibromochloromethane	**<32.4**	ug/L	40.0	32.4	40		10/13/09 16:51	124-48-1	
1,2-Dibromoethane (EDB)	**<22.4**	ug/L	40.0	22.4	40		10/13/09 16:51	106-93-4	
Dibromomethane	**<24.0**	ug/L	40.0	24.0	40		10/13/09 16:51	74-95-3	
1,2-Dichlorobenzene	**<33.2**	ug/L	40.0	33.2	40		10/13/09 16:51	95-50-1	
1,3-Dichlorobenzene	**<34.8**	ug/L	40.0	34.8	40		10/13/09 16:51	541-73-1	
1,4-Dichlorobenzene	**<38.0**	ug/L	40.0	38.0	40		10/13/09 16:51	106-46-7	
Dichlorodifluoromethane	**<39.6**	ug/L	40.0	39.6	40		10/13/09 16:51	75-71-8	
1,1-Dichloroethane	**<30.0**	ug/L	40.0	30.0	40		10/13/09 16:51	75-34-3	
1,2-Dichloroethane	**<14.4**	ug/L	40.0	14.4	40		10/13/09 16:51	107-06-2	
1,1-Dichloroethene	**<22.8**	ug/L	40.0	22.8	40		10/13/09 16:51	75-35-4	
cis-1,2-Dichloroethene	**463**	ug/L	40.0	33.2	40		10/13/09 16:51	156-59-2	
trans-1,2-Dichloroethene	**<35.6**	ug/L	40.0	35.6	40		10/13/09 16:51	156-60-5	
1,2-Dichloropropane	**<19.6**	ug/L	40.0	19.6	40		10/13/09 16:51	78-87-5	
1,3-Dichloropropane	**<24.4**	ug/L	40.0	24.4	40		10/13/09 16:51	142-28-9	
2,2-Dichloropropane	**<24.8**	ug/L	40.0	24.8	40		10/13/09 16:51	594-20-7	
1,1-Dichloropropene	**<30.0**	ug/L	40.0	30.0	40		10/13/09 16:51	563-58-6	
cis-1,3-Dichloropropene	**<8.0**	ug/L	40.0	8.0	40		10/13/09 16:51	10061-01-5	
trans-1,3-Dichloropropene	**<7.6**	ug/L	40.0	7.6	40		10/13/09 16:51	10061-02-6	
Diisopropyl ether	**<30.4**	ug/L	40.0	30.4	40		10/13/09 16:51	108-20-3	
Ethylbenzene	**<21.6**	ug/L	40.0	21.6	40		10/13/09 16:51	100-41-4	
Hexachloro-1,3-butadiene	**<26.8**	ug/L	200	26.8	40		10/13/09 16:51	87-68-3	
Isopropylbenzene (Cumene)	**<23.6**	ug/L	40.0	23.6	40		10/13/09 16:51	98-82-8	
p-Isopropyltoluene	**<26.8**	ug/L	40.0	26.8	40		10/13/09 16:51	99-87-6	
Methylene Chloride	**<17.2**	ug/L	40.0	17.2	40		10/13/09 16:51	75-09-2	
Methyl-tert-butyl ether	**<24.4**	ug/L	40.0	24.4	40		10/13/09 16:51	1634-04-4	
Naphthalene	**<35.6**	ug/L	200	35.6	40		10/13/09 16:51	91-20-3	
n-Propylbenzene	**<32.4**	ug/L	40.0	32.4	40		10/13/09 16:51	103-65-1	
Styrene	**<34.4**	ug/L	40.0	34.4	40		10/13/09 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<36.8**	ug/L	40.0	36.8	40		10/13/09 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<8.0**	ug/L	40.0	8.0	40		10/13/09 16:51	79-34-5	
Tetrachloroethene	**7940**	ug/L	40.0	18.0	40		10/13/09 16:51	127-18-4	
Toluene	**<26.8**	ug/L	40.0	26.8	40		10/13/09 16:51	108-88-3	
1,2,3-Trichlorobenzene	**<29.6**	ug/L	40.0	29.6	40		10/13/09 16:51	87-61-6	
1,2,4-Trichlorobenzene	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:51	120-82-1	
1,1,1-Trichloroethane	**<36.0**	ug/L	40.0	36.0	40		10/13/09 16:51	71-55-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

Sample: MW-5 DUPLICATE **Lab ID: 4023765011** Collected: 10/08/09 00:00 Received: 10/10/09 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Trichloroethane	**<16.8**	ug/L	40.0	16.8	40		10/13/09 16:51	79-00-5	
Trichloroethene	**285**	ug/L	40.0	19.2	40		10/13/09 16:51	79-01-6	
Trichlorofluoromethane	**<31.6**	ug/L	40.0	31.6	40		10/13/09 16:51	75-69-4	
1,2,3-Trichloropropane	**<39.6**	ug/L	40.0	39.6	40		10/13/09 16:51	96-18-4	
1,2,4-Trimethylbenzene	**<38.8**	ug/L	40.0	38.8	40		10/13/09 16:51	95-63-6	
1,3,5-Trimethylbenzene	**<33.2**	ug/L	40.0	33.2	40		10/13/09 16:51	108-67-8	
Vinyl chloride	**<7.2**	ug/L	40.0	7.2	40		10/13/09 16:51	75-01-4	
m&p-Xylene	**<72.0**	ug/L	80.0	72.0	40		10/13/09 16:51	1330-20-7	
o-Xylene	**<33.2**	ug/L	40.0	33.2	40		10/13/09 16:51	95-47-6	
4-Bromofluorobenzene (S)	85	%	70-130		40		10/13/09 16:51	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		40		10/13/09 16:51	1868-53-7	
Toluene-d8 (S)	94	%	70-130		40		10/13/09 16:51	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
Sulfide	**<1.7**	mg/L	5.0	1.7	1		10/12/09 10:30		
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	**<0.018**	mg/L	0.050	0.018	1		10/12/09 09:30		H6
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Sulfate	**109**	mg/L	20.0	10.0	5		10/20/09 20:11	14808-79-8	
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	**3.5**	mg/L	2.0	1.4	1		10/20/09 10:08	7440-44-0	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: MSV/5753 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765007, 4023765008, 4023765009, 4023765010, 4023765011

METHOD BLANK: 219708 Matrix: Water
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765007, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	10/13/09 07:15	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	10/13/09 07:15	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	10/13/09 07:15	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	10/13/09 07:15	
1,1-Dichloroethane	ug/L	<0.75	1.0	10/13/09 07:15	
1,1-Dichloroethene	ug/L	<0.57	1.0	10/13/09 07:15	
1,1-Dichloropropene	ug/L	<0.75	1.0	10/13/09 07:15	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	10/13/09 07:15	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	10/13/09 07:15	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	10/13/09 07:15	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	10/13/09 07:15	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	10/13/09 07:15	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	10/13/09 07:15	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	10/13/09 07:15	
1,2-Dichloroethane	ug/L	<0.36	1.0	10/13/09 07:15	
1,2-Dichloropropane	ug/L	<0.49	1.0	10/13/09 07:15	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	10/13/09 07:15	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	10/13/09 07:15	
1,3-Dichloropropane	ug/L	<0.61	1.0	10/13/09 07:15	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	10/13/09 07:15	
2,2-Dichloropropane	ug/L	<0.62	1.0	10/13/09 07:15	
2-Chlorotoluene	ug/L	<0.85	1.0	10/13/09 07:15	
4-Chlorotoluene	ug/L	<0.74	1.0	10/13/09 07:15	
Benzene	ug/L	<0.41	1.0	10/13/09 07:15	
Bromobenzene	ug/L	<0.82	1.0	10/13/09 07:15	
Bromochloromethane	ug/L	<0.97	1.0	10/13/09 07:15	
Bromodichloromethane	ug/L	<0.56	1.0	10/13/09 07:15	
Bromoform	ug/L	<0.94	1.0	10/13/09 07:15	
Bromomethane	ug/L	<0.91	1.0	10/13/09 07:15	
Carbon tetrachloride	ug/L	<0.49	1.0	10/13/09 07:15	
Chlorobenzene	ug/L	<0.41	1.0	10/13/09 07:15	
Chloroethane	ug/L	<0.97	1.0	10/13/09 07:15	
Chloroform	ug/L	<1.3	5.0	10/13/09 07:15	
Chloromethane	ug/L	<0.24	1.0	10/13/09 07:15	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	10/13/09 07:15	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	10/13/09 07:15	
Dibromochloromethane	ug/L	<0.81	1.0	10/13/09 07:15	
Dibromomethane	ug/L	<0.60	1.0	10/13/09 07:15	
Dichlorodifluoromethane	ug/L	<0.99	1.0	10/13/09 07:15	
Diisopropyl ether	ug/L	<0.76	1.0	10/13/09 07:15	
Ethylbenzene	ug/L	<0.54	1.0	10/13/09 07:15	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

METHOD BLANK: 219708 Matrix: Water

Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765007, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	10/13/09 07:15	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	10/13/09 07:15	
m&p-Xylene	ug/L	<1.8	2.0	10/13/09 07:15	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	10/13/09 07:15	
Methylene Chloride	ug/L	<0.43	1.0	10/13/09 07:15	
n-Butylbenzene	ug/L	<0.93	1.0	10/13/09 07:15	
n-Propylbenzene	ug/L	<0.81	1.0	10/13/09 07:15	
Naphthalene	ug/L	<0.89	5.0	10/13/09 07:15	
o-Xylene	ug/L	<0.83	1.0	10/13/09 07:15	
p-Isopropyltoluene	ug/L	<0.67	1.0	10/13/09 07:15	
sec-Butylbenzene	ug/L	<0.89	5.0	10/13/09 07:15	
Styrene	ug/L	<0.86	1.0	10/13/09 07:15	
tert-Butylbenzene	ug/L	<0.97	1.0	10/13/09 07:15	
Tetrachloroethene	ug/L	<0.45	1.0	10/13/09 07:15	
Toluene	ug/L	<0.67	1.0	10/13/09 07:15	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	10/13/09 07:15	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	10/13/09 07:15	
Trichloroethene	ug/L	<0.48	1.0	10/13/09 07:15	
Trichlorofluoromethane	ug/L	<0.79	1.0	10/13/09 07:15	
Vinyl chloride	ug/L	<0.18	1.0	10/13/09 07:15	
4-Bromofluorobenzene (S)	%	86	70-130	10/13/09 07:15	
Dibromofluoromethane (S)	%	97	70-130	10/13/09 07:15	
Toluene-d8 (S)	%	95	70-130	10/13/09 07:15	

LABORATORY CONTROL SAMPLE & LCSD: 219709 219710

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	56.3	57.0	113	114	70-132	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	53.4	53.7	107	107	69-130	.7	20	
1,1,2-Trichloroethane	ug/L	50	53.7	52.7	107	105	70-130	2	20	
1,1-Dichloroethane	ug/L	50	56.2	57.3	112	115	70-130	2	20	
1,1-Dichloroethene	ug/L	50	59.7	61.4	119	123	70-130	3	20	
1,2-Dichloroethane	ug/L	50	57.1	56.6	114	113	70-134	.8	20	
1,2-Dichloropropane	ug/L	50	53.5	54.1	107	108	70-130	1	20	
Benzene	ug/L	50	59.6	59.9	119	120	70-131	.6	20	
Bromodichloromethane	ug/L	50	50.9	51.9	102	104	70-130	2	20	
Bromoform	ug/L	50	39.3	39.3	79	79	70-130	.03	20	
Bromomethane	ug/L	50	57.2	61.4	114	123	23-200	7	20	
Carbon tetrachloride	ug/L	50	55.4	56.3	111	113	70-144	2	20	
Chlorobenzene	ug/L	50	51.7	52.0	103	104	70-130	.5	20	
Chloroethane	ug/L	50	62.3	62.7	125	125	70-136	.6	20	
Chloroform	ug/L	50	57.2	57.9	114	116	70-130	1	20	
Chloromethane	ug/L	50	58.7	57.8	117	116	54-148	2	20	
cis-1,2-Dichloroethene	ug/L	50	56.3	56.8	113	114	70-130	1	20	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

LABORATORY CONTROL SAMPLE & LCSD: 219709 219710

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
cis-1,3-Dichloropropene	ug/L	50	51.5	52.2	103	104	70-130	1	20	
Dibromochloromethane	ug/L	50	46.6	47.2	93	94	70-130	1	20	
Ethylbenzene	ug/L	50	54.0	54.2	108	108	70-130	.3	20	
m&p-Xylene	ug/L	100	109	108	109	108	70-130	.9	20	
Methylene Chloride	ug/L	50	59.1	59.0	118	118	66-130	.1	20	
o-Xylene	ug/L	50	52.6	52.3	105	105	70-130	.5	20	
Styrene	ug/L	50	47.7	48.0	95	96	70-130	.6	20	
Tetrachloroethene	ug/L	50	48.5	48.0	97	96	75-130	1	20	
Toluene	ug/L	50	54.1	53.8	108	108	70-130	.5	20	
trans-1,2-Dichloroethene	ug/L	50	58.9	58.8	118	118	70-130	.2	20	
trans-1,3-Dichloropropene	ug/L	50	44.9	44.6	90	89	70-130	.8	20	
Trichloroethene	ug/L	50	54.9	54.8	110	110	70-130	.3	20	
Vinyl chloride	ug/L	50	60.8	62.0	122	124	63-141	2	20	
4-Bromofluorobenzene (S)	%				87	88	70-130			
Dibromofluoromethane (S)	%				101	104	70-130			
Toluene-d8 (S)	%				96	96	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 220022 220023

Parameter	Units	4023765005 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	<112	6250	6250	6830	6840	109	110	70-137	.2	20	
1,1,2,2-Tetrachloroethane	ug/L	<25.0	6250	6250	6530	6630	104	106	67-130	1	20	
1,1,2-Trichloroethane	ug/L	<52.5	6250	6250	6760	6790	108	109	70-130	.4	20	
1,1-Dichloroethane	ug/L	<93.8	6250	6250	7190	7010	115	112	70-130	3	20	
1,1-Dichloroethene	ug/L	<71.2	6250	6250	7510	7460	120	119	70-130	.7	20	
1,2-Dichloroethane	ug/L	<45.0	6250	6250	7190	7070	115	113	69-134	2	20	
1,2-Dichloropropane	ug/L	<61.2	6250	6250	6800	6810	109	109	70-130	.1	20	
Benzene	ug/L	<51.2	6250	6250	7700	7550	123	121	69-131	2	20	
Bromodichloromethane	ug/L	<70.0	6250	6250	6000	6070	96	97	70-130	1	20	
Bromoform	ug/L	<118	6250	6250	4050	4290	65	69	68-130	6	20	M0
Bromomethane	ug/L	<114	6250	6250	7990	7570	128	121	22-200	5	20	
Carbon tetrachloride	ug/L	<61.2	6250	6250	6190	6380	99	102	70-144	3	20	
Chlorobenzene	ug/L	<51.2	6250	6250	6660	6580	107	105	70-130	1	20	
Chloroethane	ug/L	<121	6250	6250	8020	7750	128	124	66-136	3	20	
Chloroform	ug/L	<162	6250	6250	7280	7170	117	115	70-130	2	20	
Chloromethane	ug/L	<30.0	6250	6250	7240	7160	116	115	54-148	1	20	
cis-1,2-Dichloroethene	ug/L	4240	6250	6250	11500	11500	115	117	70-130	.8	20	
cis-1,3-Dichloropropene	ug/L	<25.0	6250	6250	6040	6200	97	99	70-130	3	20	
Dibromochloromethane	ug/L	<101	6250	6250	5190	5340	83	85	70-130	3	20	
Ethylbenzene	ug/L	<67.5	6250	6250	7090	6990	113	112	70-130	1	20	
m&p-Xylene	ug/L	<225	12500	12500	14000	13900	112	111	70-130	.6	20	
Methylene Chloride	ug/L	<53.8	6250	6250	7590	7410	121	119	64-130	2	20	
o-Xylene	ug/L	<104	6250	6250	6780	6810	108	109	70-130	.4	20	
Styrene	ug/L	<108	6250	6250	6120	6090	98	97	43-130	.6	20	
Tetrachloroethene	ug/L	20300	6250	6250	25900	26800	91	105	70-130	3	20	
Toluene	ug/L	<83.8	6250	6250	6960	6850	111	110	70-130	2	20	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 220022 220023

Parameter	Units	4023765005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	ug/L	<111	6250	6250	7300	7440	116	118	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<23.8	6250	6250	5090	5290	81	85	70-130	4	20	
Trichloroethene	ug/L	3860	6250	6250	10700	10800	109	111	70-130	1	20	
Vinyl chloride	ug/L	<22.5	6250	6250	7660	7450	123	119	59-141	3	20	
4-Bromofluorobenzene (S)	%						88	87	70-130			
Dibromofluoromethane (S)	%						101	100	70-130			
Toluene-d8 (S)	%						96	96	70-130			

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: WETA/4961 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

METHOD BLANK: 219787 Matrix: Water
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<1.4	2.0	10/20/09 08:58	

LABORATORY CONTROL SAMPLE: 219788

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	100	87.9	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 219789 219790

Parameter	Units	4023765002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	4.3	100	100	96.2	93.4	92	89	80-120	3	20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: WET/4736 Analysis Method: SM 4500-S F (2000)
QC Batch Method: SM 4500-S F (2000) Analysis Description: 4500S2F Sulfide, Iodometric
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

METHOD BLANK: 219814 Matrix: Water
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.7	5.0	10/12/09 10:30	

LABORATORY CONTROL SAMPLE: 219815

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	54.8	51.6	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 219816 219817

Parameter	Units	10114072001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	54.8	54.8	52.0	54.0	95	99	80-120	4	20	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: WET/4743 Analysis Method: HACH 8146
QC Batch Method: HACH 8146 Analysis Description: Iron, Ferrous
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

METHOD BLANK: 220235 Matrix: Water
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Ferrous	mg/L	<0.018	0.050	10/12/09 09:30	

LABORATORY CONTROL SAMPLE: 220236

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	.6	0.55	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 220237 220238

Parameter	Units	4023765001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Ferrous	mg/L	<0.018	.6	.6	0.68	0.62	113	104	80-120	8	20	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: OEXT/5764 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by SIM MSSV
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765007, 4023765008, 4023765009, 4023765010, 4023765011

METHOD BLANK: 220749 Matrix: Water
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765007, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	0.0065J	0.050	10/14/09 15:10	
2-Methylnaphthalene	ug/L	0.0075J	0.050	10/14/09 15:10	
Acenaphthene	ug/L	<0.0048	0.050	10/14/09 15:10	
Acenaphthylene	ug/L	<0.0038	0.050	10/14/09 15:10	
Anthracene	ug/L	<0.0061	0.050	10/14/09 15:10	
Benzo(a)anthracene	ug/L	<0.0038	0.050	10/14/09 15:10	
Benzo(a)pyrene	ug/L	<0.0030	0.050	10/14/09 15:10	
Benzo(b)fluoranthene	ug/L	<0.0036	0.050	10/14/09 15:10	
Benzo(g,h,i)perylene	ug/L	<0.0051	0.050	10/14/09 15:10	
Benzo(k)fluoranthene	ug/L	<0.0046	0.050	10/14/09 15:10	
Chrysene	ug/L	<0.0037	0.050	10/14/09 15:10	
Dibenz(a,h)anthracene	ug/L	<0.0034	0.050	10/14/09 15:10	
Fluoranthene	ug/L	<0.0047	0.050	10/14/09 15:10	
Fluorene	ug/L	<0.0051	0.050	10/14/09 15:10	
Indeno(1,2,3-cd)pyrene	ug/L	<0.0050	0.050	10/14/09 15:10	
Naphthalene	ug/L	0.022J	0.050	10/14/09 15:10	
Phenanthrene	ug/L	<0.0086	0.050	10/14/09 15:10	
Pyrene	ug/L	<0.0050	0.050	10/14/09 15:10	
2-Fluorobiphenyl (S)	%	76	25-130	10/14/09 15:10	
Terphenyl-d14 (S)	%	69	36-140	10/14/09 15:10	

LABORATORY CONTROL SAMPLE & LCSD: 220750 220751

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	.2	0.11	0.15	57	74	33-130	26	46	
2-Methylnaphthalene	ug/L	.2	0.11	0.14	56	71	29-130	23	44	
Acenaphthene	ug/L	.2	0.13	0.16	63	78	43-130	22	46	
Acenaphthylene	ug/L	.2	0.14	0.18	71	89	33-130	22	47	
Anthracene	ug/L	.2	0.13	0.14	67	72	33-130	7	50	
Benzo(a)anthracene	ug/L	.2	0.17	0.18	87	89	41-130	2	20	
Benzo(a)pyrene	ug/L	.2	0.17	0.18	87	90	59-130	4	20	
Benzo(b)fluoranthene	ug/L	.2	0.15	0.15	74	77	53-130	4	20	
Benzo(g,h,i)perylene	ug/L	.2	0.14	0.15	70	77	55-130	9	20	
Benzo(k)fluoranthene	ug/L	.2	0.15	0.17	77	83	64-133	8	20	
Chrysene	ug/L	.2	0.17	0.18	84	89	62-130	6	20	
Dibenz(a,h)anthracene	ug/L	.2	0.15	0.16	73	79	37-130	8	20	
Fluoranthene	ug/L	.2	0.14	0.16	71	81	48-130	13	37	
Fluorene	ug/L	.2	0.14	0.16	68	82	42-130	18	48	
Indeno(1,2,3-cd)pyrene	ug/L	.2	0.15	0.16	74	81	46-130	8	20	
Naphthalene	ug/L	.2	0.12	0.17	61	83	33-130	30	53	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

LABORATORY CONTROL SAMPLE & LCSD: 220750 220751

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Phenanthrene	ug/L	.2	0.13	0.14	63	71	36-130	13	47	
Pyrene	ug/L	.2	0.15	0.16	74	82	51-130	10	33	
2-Fluorobiphenyl (S)	%				57	72	25-130			
Terphenyl-d14 (S)	%				65	75	36-140			

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: GCV/4135 Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 8015B Modified Analysis Description: Methane, Ethane, Ethene GCV
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765007, 4023765008, 4023765009, 4023765010, 4023765011

METHOD BLANK: 220887 Matrix: Water
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765007, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.32	5.6	10/15/09 07:12	
Ethene	ug/L	<0.47	5.0	10/15/09 07:12	
Methane	ug/L	<0.93	2.8	10/15/09 07:12	

LABORATORY CONTROL SAMPLE & LCSD: 220888 220889

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	56	51.9	52.3	93	93	70-130	.8	20	
Ethene	ug/L	50	46.6	46.5	93	93	70-130	.3	20	
Methane	ug/L	28.4	27.5	27.9	97	98	70-130	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 220890 220891

Parameter	Units	4023883003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.32	56	56	51.6	51.8	92	93	70-130	.5	20	
Ethene	ug/L	<0.47	50	50	46.2	47.1	92	94	70-130	2	20	
Methane	ug/L	<0.93	28.4	28.4	27.5	28.2	97	99	42-169	2	20	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: MPRP/3182 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: 6010 MET Dissolved
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

METHOD BLANK: 221004 Matrix: Water
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<1.4	20.0	10/15/09 00:25	
Barium, Dissolved	ug/L	<0.18	5.0	10/15/09 00:25	
Cadmium, Dissolved	ug/L	<0.13	5.0	10/15/09 00:25	
Chromium, Dissolved	ug/L	<0.32	5.0	10/15/09 00:25	
Lead, Dissolved	ug/L	<0.75	10.0	10/15/09 00:25	
Selenium, Dissolved	ug/L	<3.3	20.0	10/15/09 00:25	
Silver, Dissolved	ug/L	<0.42	10.0	10/15/09 00:25	

LABORATORY CONTROL SAMPLE: 221005

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	500	490	98	80-120	
Barium, Dissolved	ug/L	500	490	98	80-120	
Cadmium, Dissolved	ug/L	500	480	96	80-120	
Chromium, Dissolved	ug/L	500	476	95	80-120	
Lead, Dissolved	ug/L	500	504	101	80-120	
Selenium, Dissolved	ug/L	500	500	100	80-120	
Silver, Dissolved	ug/L	250	248	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 221006 221007

Parameter	Units	4023731001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	2.3J	500	500	497	512	99	102	75-125	3	20	
Barium, Dissolved	ug/L	42.7	500	500	538	544	99	100	75-125	1	20	
Cadmium, Dissolved	ug/L	0.30J	500	500	489	501	98	100	75-125	2	20	
Chromium, Dissolved	ug/L	1.8J	500	500	467	481	93	96	75-125	3	20	
Lead, Dissolved	ug/L	1.7J	500	500	500	513	100	102	75-125	3	20	
Selenium, Dissolved	ug/L	<3.3	500	500	509	522	102	104	75-125	3	20	
Silver, Dissolved	ug/L	0.55J	250	250	251	257	100	102	75-125	2	20	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: MERP/1739 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

METHOD BLANK: 221367 Matrix: Water
Associated Lab Samples: 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.10	0.20	10/15/09 13:41	

LABORATORY CONTROL SAMPLE: 221368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.2	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 221369 221370

Parameter	Units	4023731002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.10	5	5	5.1	5.1	102	102	85-115	.2	20	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: WETA/5017 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

METHOD BLANK: 223332 Matrix: Water
Associated Lab Samples: 4023765001, 4023765002, 4023765003, 4023765004, 4023765005, 4023765006, 4023765008, 4023765009, 4023765010, 4023765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<2.0	4.0	10/20/09 16:32	

LABORATORY CONTROL SAMPLE: 223333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 223398 223399

Parameter	Units	4023765006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	25.2	20	20	45.2	45.5	100	101	90-110	.5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 223400 223401

Parameter	Units	4023807003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	94.9	100	100	198	197	103	102	90-110	.5	20	

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

QC Batch: MERP/1746
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 4023765001

METHOD BLANK: 223858 Matrix: Water
Associated Lab Samples: 4023765001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.10	0.20	10/22/09 11:31	

LABORATORY CONTROL SAMPLE: 223859

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.4	107	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 223860 223861

Parameter	Units	4024120001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.10	5	5	5.0	4.9	101	99	85-115	2	20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALIFIERS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4023765

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/2160

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1j	Analyte was detected in the associated filter blank at a concentration of 0.35 ug/L.
H6	Analysis initiated more than 15 minutes after sample collection.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P4	Sample field preservation does not meet EPA or method recommendations for this analysis.
Z2	Analyte present in the associated method blank above the detection limit.

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

Page 1 of 1

ATW

L 402365

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	KPRG AND ASSOCIATES
Branch/Location:	WI
Project Contact:	RICH GNAT
Phone:	262-781-0475
Project Number:	15807
Project Name:	KWJ MANUFACTURING
Project State:	WI
Sampled By (Print):	P. ALLENSTEIN / JOSH DAVENPORT
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
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)	PRESERVATION (CODE)*	VOC	PAH	TOC	RCRA DISSOLVED METALS	DISSOLVED GASES M, E	SULFIDE	SULFATE / FERROUS IRON	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	3B	X	X	X	X	X	X	X	PLEASE FILTER METALS FOR ALL SAMPLES	1 HrAG, 500mL (C), 2-250mL (B), 1-4oz AG (B)	(A)
001	MW-1	10/8/09	3:30	GW	N	1A	X	X	X	X	X	X	X			
002	MW-2		3:55		N	1C	X	X	X	X	X	X	X			
003	MW-3		3:00		N	1A	X	X	X	X	X	X	X			
004	MW-5		3:25		N	3B	X	X	X	X	X	X	X			
005	MW-6		2:55		N	1S	X	X	X	X	X	X	X			
006	MW-7		4:00		N	1A	X	X	X	X	X	X	X			
007	MW-9		5:00				X	X			X			*SOURCE AREA MAY BE HIGH VOC	1 HrAG, 6-40mL (E), 1 HrAG, 500mL (C), 2-250mL (B), 6-40mL (B), 1-4oz AG (B)	
008	MW-10		1:30		N	1A	X	X	X	X	X	X	X			
009	MW-11		2:40		N	3B	X	X	X	X	X	X	X			
010	MW-12		2:30		N	1S	X	X	X	X	X	X	X			
011	MW-5 DUPLICATE		—		N	1A	X	X	X	X	X	X	X			
	~~TRIP BLANK~~	—	—	W			X									

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:
	10/9/09 1100	D. Fenaud	10/9/9 1100
D. Fenaud	10/9/9	Walt CO	
Walt CO	10/10/09 8:30		10/10/09 8:30

PACE Project No.: L402365
Receipt Temp = 2.0°C
Sample Receipt pH: ~~OK~~ / Adjusted
~~Cooler~~ Custody Seal: ~~Present~~ / Not Present
~~Intact~~ / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical

Sample Condition Upon Receipt

Client Name: KPRG Project # 4023765

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

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

Optional
Proj. Due Date:
Proj. Name:

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

Cooler Temperature ROI Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 10/10/09
Initials: AE

Temp should be above freezing to 6°C for all sample except Biota.
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.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6. FERROUS IRON
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.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. Chain lists a TRIP BLANK there is not one included
-Includes date/time/ID/Analysis Matrix:	W	
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed AG / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: LW **Date:** 10/12/09

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)

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January 29, 2010

Rich Gnat
KPRG and Associates, Inc.
14665 W. Lisbon Rd.
Suite 2B
Brookfield, WI 53005

RE: Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Dear Rich Gnat:
Enclosed are the analytical results for sample(s) received by the laboratory on January 15, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Laurie Woelfel

Laurie Woelfel

laurie.woelfel@pacelabs.com
Project Manager

Enclosures

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

SAMPLE SUMMARY

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4027563001	MW-1	Water	01/13/10 14:10	01/15/10 15:40
4027563002	MW-2	Water	01/13/10 15:00	01/15/10 15:40
4027563003	MW-3	Water	01/13/10 13:36	01/15/10 15:40
4027563004	MW-4	Water	01/14/10 15:40	01/15/10 15:40
4027563005	MW-5	Water	01/13/10 15:25	01/15/10 15:40
4027563006	MW-6	Water	01/13/10 15:50	01/15/10 15:40
4027563007	MW-7	Water	01/13/10 14:35	01/15/10 15:40
4027563008	MW-8	Water	01/13/10 12:50	01/15/10 15:40
4027563009	MW-9	Water	01/13/10 16:20	01/15/10 15:40
4027563010	MW-10	Water	01/13/10 11:20	01/15/10 15:40
4027563011	MW-11	Water	01/13/10 10:15	01/15/10 15:40
4027563012	MW-12	Water	01/13/10 10:43	01/15/10 15:40
4027563013	DUPLICATE	Water	01/13/10 00:00	01/15/10 15:40

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-1 **Lab ID: 4027563001** Collected: 01/13/10 14:10 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**<1.9**	ug/L	20.0	1.9	1		01/22/10 10:48	7440-38-2	
Barium, Dissolved	**153**	ug/L	5.0	0.092	1		01/22/10 10:48	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 10:48	7440-43-9	
Chromium, Dissolved	**0.46J**	ug/L	5.0	0.39	1		01/22/10 10:48	7440-47-3	
Copper, Dissolved	**5.9J**	ug/L	10.0	0.31	1		01/22/10 10:48	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 10:48	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 10:48	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/27/10 12:00	01/28/10 12:14	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	01/20/10 07:30	01/20/10 13:31	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 13:31	208-96-8	
Anthracene	**<0.0057**	ug/L	0.047	0.0057	1	01/20/10 07:30	01/20/10 13:31	120-12-7	
Benzo(a)anthracene	**<0.0036**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 13:31	56-55-3	
Benzo(a)pyrene	**<0.0029**	ug/L	0.047	0.0029	1	01/20/10 07:30	01/20/10 13:31	50-32-8	
Benzo(b)fluoranthene	**0.0035J**	ug/L	0.047	0.0034	1	01/20/10 07:30	01/20/10 13:31	205-99-2	
Benzo(g,h,i)perylene	**<0.0048**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 13:31	191-24-2	
Benzo(k)fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 13:31	207-08-9	
Chrysene	**<0.0035**	ug/L	0.047	0.0035	1	01/20/10 07:30	01/20/10 13:31	218-01-9	
Dibenz(a,h)anthracene	**<0.0032**	ug/L	0.047	0.0032	1	01/20/10 07:30	01/20/10 13:31	53-70-3	
Fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 13:31	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 13:31	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0047**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 13:31	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	01/20/10 07:30	01/20/10 13:31	90-12-0	
2-Methylnaphthalene	**0.0042J**	ug/L	0.047	0.0039	1	01/20/10 07:30	01/20/10 13:31	91-57-6	Z2
Naphthalene	**0.012J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 13:31	91-20-3	Z2
Phenanthrene	**<0.0081**	ug/L	0.047	0.0081	1	01/20/10 07:30	01/20/10 13:31	85-01-8	
Pyrene	**0.0054J**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 13:31	129-00-0	
2-Fluorobiphenyl (S)	52	%	25-130		1	01/20/10 07:30	01/20/10 13:31	321-60-8	
Terphenyl-d14 (S)	80	%	36-140		1	01/20/10 07:30	01/20/10 13:31	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<102**	ug/L	250	102	250		01/21/10 22:37	71-43-2	
Bromobenzene	**<205**	ug/L	250	205	250		01/21/10 22:37	108-86-1	
Bromochloromethane	**<242**	ug/L	250	242	250		01/21/10 22:37	74-97-5	
Bromodichloromethane	**<140**	ug/L	250	140	250		01/21/10 22:37	75-27-4	
Bromoform	**<235**	ug/L	250	235	250		01/21/10 22:37	75-25-2	
Bromomethane	**<228**	ug/L	250	228	250		01/21/10 22:37	74-83-9	
n-Butylbenzene	**<232**	ug/L	250	232	250		01/21/10 22:37	104-51-8	
sec-Butylbenzene	**<222**	ug/L	1250	222	250		01/21/10 22:37	135-98-8	
tert-Butylbenzene	**<242**	ug/L	250	242	250		01/21/10 22:37	98-06-6	
Carbon tetrachloride	**<122**	ug/L	250	122	250		01/21/10 22:37	56-23-5	
Chlorobenzene	**<102**	ug/L	250	102	250		01/21/10 22:37	108-90-7	
Chloroethane	**<242**	ug/L	250	242	250		01/21/10 22:37	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-1 **Lab ID: 4027563001** Collected: 01/13/10 14:10 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<325**	ug/L	1250	325	250		01/21/10 22:37	67-66-3	
Chloromethane	**<60.0**	ug/L	250	60.0	250		01/21/10 22:37	74-87-3	
2-Chlorotoluene	**<212**	ug/L	250	212	250		01/21/10 22:37	95-49-8	
4-Chlorotoluene	**<185**	ug/L	250	185	250		01/21/10 22:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<420**	ug/L	1250	420	250		01/21/10 22:37	96-12-8	
Dibromochloromethane	**<202**	ug/L	250	202	250		01/21/10 22:37	124-48-1	
1,2-Dibromoethane (EDB)	**<140**	ug/L	250	140	250		01/21/10 22:37	106-93-4	
Dibromomethane	**<150**	ug/L	250	150	250		01/21/10 22:37	74-95-3	
1,2-Dichlorobenzene	**<208**	ug/L	250	208	250		01/21/10 22:37	95-50-1	
1,3-Dichlorobenzene	**<218**	ug/L	250	218	250		01/21/10 22:37	541-73-1	
1,4-Dichlorobenzene	**<238**	ug/L	250	238	250		01/21/10 22:37	106-46-7	
Dichlorodifluoromethane	**<248**	ug/L	250	248	250		01/21/10 22:37	75-71-8	
1,1-Dichloroethane	**<188**	ug/L	250	188	250		01/21/10 22:37	75-34-3	
1,2-Dichloroethane	**<90.0**	ug/L	250	90.0	250		01/21/10 22:37	107-06-2	
1,1-Dichloroethene	**<142**	ug/L	250	142	250		01/21/10 22:37	75-35-4	
cis-1,2-Dichloroethene	**1060**	ug/L	250	208	250		01/21/10 22:37	156-59-2	
trans-1,2-Dichloroethene	**<222**	ug/L	250	222	250		01/21/10 22:37	156-60-5	
1,2-Dichloropropane	**<122**	ug/L	250	122	250		01/21/10 22:37	78-87-5	
1,3-Dichloropropane	**<152**	ug/L	250	152	250		01/21/10 22:37	142-28-9	
2,2-Dichloropropane	**<155**	ug/L	250	155	250		01/21/10 22:37	594-20-7	
1,1-Dichloropropene	**<188**	ug/L	250	188	250		01/21/10 22:37	563-58-6	
cis-1,3-Dichloropropene	**<50.0**	ug/L	250	50.0	250		01/21/10 22:37	10061-01-5	
trans-1,3-Dichloropropene	**<47.5**	ug/L	250	47.5	250		01/21/10 22:37	10061-02-6	
Diisopropyl ether	**<190**	ug/L	250	190	250		01/21/10 22:37	108-20-3	
Ethylbenzene	**<135**	ug/L	250	135	250		01/21/10 22:37	100-41-4	
Hexachloro-1,3-butadiene	**<168**	ug/L	1250	168	250		01/21/10 22:37	87-68-3	
Isopropylbenzene (Cumene)	**<148**	ug/L	250	148	250		01/21/10 22:37	98-82-8	
p-Isopropyltoluene	**<168**	ug/L	250	168	250		01/21/10 22:37	99-87-6	
Methylene Chloride	**<108**	ug/L	250	108	250		01/21/10 22:37	75-09-2	
Methyl-tert-butyl ether	**<152**	ug/L	250	152	250		01/21/10 22:37	1634-04-4	
Naphthalene	**<222**	ug/L	1250	222	250		01/21/10 22:37	91-20-3	
n-Propylbenzene	**<202**	ug/L	250	202	250		01/21/10 22:37	103-65-1	
Styrene	**<215**	ug/L	250	215	250		01/21/10 22:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<230**	ug/L	250	230	250		01/21/10 22:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<50.0**	ug/L	250	50.0	250		01/21/10 22:37	79-34-5	
Tetrachloroethene	**32500**	ug/L	250	112	250		01/21/10 22:37	127-18-4	
Toluene	**<168**	ug/L	250	168	250		01/21/10 22:37	108-88-3	
1,2,3-Trichlorobenzene	**<185**	ug/L	250	185	250		01/21/10 22:37	87-61-6	
1,2,4-Trichlorobenzene	**<242**	ug/L	250	242	250		01/21/10 22:37	120-82-1	
1,1,1-Trichloroethane	**<225**	ug/L	250	225	250		01/21/10 22:37	71-55-6	
1,1,2-Trichloroethane	**<105**	ug/L	250	105	250		01/21/10 22:37	79-00-5	
Trichloroethene	**502**	ug/L	250	120	250		01/21/10 22:37	79-01-6	
Trichlorofluoromethane	**<198**	ug/L	250	198	250		01/21/10 22:37	75-69-4	
1,2,3-Trichloropropane	**<248**	ug/L	250	248	250		01/21/10 22:37	96-18-4	
1,2,4-Trimethylbenzene	**<242**	ug/L	250	242	250		01/21/10 22:37	95-63-6	
1,3,5-Trimethylbenzene	**<208**	ug/L	250	208	250		01/21/10 22:37	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-1 **Lab ID: 4027563001** Collected: 01/13/10 14:10 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<45.0**	ug/L	250	45.0	250		01/21/10 22:37	75-01-4	
m&p-Xylene	**<450**	ug/L	500	450	250		01/21/10 22:37	1330-20-7	
o-Xylene	**<208**	ug/L	250	208	250		01/21/10 22:37	95-47-6	
4-Bromofluorobenzene (S)	97	%	70-130		250		01/21/10 22:37	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		250		01/21/10 22:37	1868-53-7	
Toluene-d8 (S)	101	%	70-130		250		01/21/10 22:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-2 **Lab ID: 4027563002** Collected: 01/13/10 15:00 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**<1.9**	ug/L	20.0	1.9	1		01/22/10 10:59	7440-38-2	
Barium, Dissolved	**73.9**	ug/L	5.0	0.092	1		01/22/10 10:59	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 10:59	7440-43-9	
Chromium, Dissolved	**0.39J**	ug/L	5.0	0.39	1		01/22/10 10:59	7440-47-3	
Copper, Dissolved	**5.4J**	ug/L	10.0	0.31	1		01/22/10 10:59	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 10:59	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 10:59	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:12	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0047**	ug/L	0.049	0.0047	1	01/20/10 07:30	01/20/10 13:48	83-32-9	
Acenaphthylene	**<0.0037**	ug/L	0.049	0.0037	1	01/20/10 07:30	01/20/10 13:48	208-96-8	
Anthracene	**<0.0059**	ug/L	0.049	0.0059	1	01/20/10 07:30	01/20/10 13:48	120-12-7	
Benzo(a)anthracene	**<0.0037**	ug/L	0.049	0.0037	1	01/20/10 07:30	01/20/10 13:48	56-55-3	
Benzo(a)pyrene	**<0.0029**	ug/L	0.049	0.0029	1	01/20/10 07:30	01/20/10 13:48	50-32-8	
Benzo(b)fluoranthene	**<0.0035**	ug/L	0.049	0.0035	1	01/20/10 07:30	01/20/10 13:48	205-99-2	
Benzo(g,h,i)perylene	**<0.0050**	ug/L	0.049	0.0050	1	01/20/10 07:30	01/20/10 13:48	191-24-2	
Benzo(k)fluoranthene	**<0.0045**	ug/L	0.049	0.0045	1	01/20/10 07:30	01/20/10 13:48	207-08-9	
Chrysene	**<0.0036**	ug/L	0.049	0.0036	1	01/20/10 07:30	01/20/10 13:48	218-01-9	
Dibenz(a,h)anthracene	**<0.0033**	ug/L	0.049	0.0033	1	01/20/10 07:30	01/20/10 13:48	53-70-3	
Fluoranthene	**<0.0045**	ug/L	0.049	0.0045	1	01/20/10 07:30	01/20/10 13:48	206-44-0	
Fluorene	**<0.0049**	ug/L	0.049	0.0049	1	01/20/10 07:30	01/20/10 13:48	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0048**	ug/L	0.049	0.0048	1	01/20/10 07:30	01/20/10 13:48	193-39-5	
1-Methylnaphthalene	**<0.0051**	ug/L	0.049	0.0051	1	01/20/10 07:30	01/20/10 13:48	90-12-0	
2-Methylnaphthalene	**<0.0040**	ug/L	0.049	0.0040	1	01/20/10 07:30	01/20/10 13:48	91-57-6	
Naphthalene	**0.0094J**	ug/L	0.049	0.0050	1	01/20/10 07:30	01/20/10 13:48	91-20-3	Z2
Phenanthrene	**<0.0083**	ug/L	0.049	0.0083	1	01/20/10 07:30	01/20/10 13:48	85-01-8	
Pyrene	**<0.0049**	ug/L	0.049	0.0049	1	01/20/10 07:30	01/20/10 13:48	129-00-0	
2-Fluorobiphenyl (S)	49	%	25-130		1	01/20/10 07:30	01/20/10 13:48	321-60-8	
Terphenyl-d14 (S)	81	%	36-140		1	01/20/10 07:30	01/20/10 13:48	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<20.5**	ug/L	50.0	20.5	50		01/19/10 16:30	71-43-2	
Bromobenzene	**<41.0**	ug/L	50.0	41.0	50		01/19/10 16:30	108-86-1	
Bromochloromethane	**<48.5**	ug/L	50.0	48.5	50		01/19/10 16:30	74-97-5	
Bromodichloromethane	**<28.0**	ug/L	50.0	28.0	50		01/19/10 16:30	75-27-4	
Bromoform	**<47.0**	ug/L	50.0	47.0	50		01/19/10 16:30	75-25-2	
Bromomethane	**<45.5**	ug/L	50.0	45.5	50		01/19/10 16:30	74-83-9	
n-Butylbenzene	**<46.5**	ug/L	50.0	46.5	50		01/19/10 16:30	104-51-8	
sec-Butylbenzene	**<44.5**	ug/L	250	44.5	50		01/19/10 16:30	135-98-8	
tert-Butylbenzene	**<48.5**	ug/L	50.0	48.5	50		01/19/10 16:30	98-06-6	
Carbon tetrachloride	**<24.5**	ug/L	50.0	24.5	50		01/19/10 16:30	56-23-5	
Chlorobenzene	**<20.5**	ug/L	50.0	20.5	50		01/19/10 16:30	108-90-7	
Chloroethane	**<48.5**	ug/L	50.0	48.5	50		01/19/10 16:30	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-2 **Lab ID: 4027563002** Collected: 01/13/10 15:00 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<65.0**	ug/L	250	65.0	50		01/19/10 16:30	67-66-3	
Chloromethane	**<12.0**	ug/L	50.0	12.0	50		01/19/10 16:30	74-87-3	
2-Chlorotoluene	**<42.5**	ug/L	50.0	42.5	50		01/19/10 16:30	95-49-8	
4-Chlorotoluene	**<37.0**	ug/L	50.0	37.0	50		01/19/10 16:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<84.0**	ug/L	250	84.0	50		01/19/10 16:30	96-12-8	
Dibromochloromethane	**<40.5**	ug/L	50.0	40.5	50		01/19/10 16:30	124-48-1	
1,2-Dibromoethane (EDB)	**<28.0**	ug/L	50.0	28.0	50		01/19/10 16:30	106-93-4	
Dibromomethane	**<30.0**	ug/L	50.0	30.0	50		01/19/10 16:30	74-95-3	
1,2-Dichlorobenzene	**<41.5**	ug/L	50.0	41.5	50		01/19/10 16:30	95-50-1	
1,3-Dichlorobenzene	**<43.5**	ug/L	50.0	43.5	50		01/19/10 16:30	541-73-1	
1,4-Dichlorobenzene	**<47.5**	ug/L	50.0	47.5	50		01/19/10 16:30	106-46-7	
Dichlorodifluoromethane	**<49.5**	ug/L	50.0	49.5	50		01/19/10 16:30	75-71-8	
1,1-Dichloroethane	**<37.5**	ug/L	50.0	37.5	50		01/19/10 16:30	75-34-3	
1,2-Dichloroethane	**<18.0**	ug/L	50.0	18.0	50		01/19/10 16:30	107-06-2	
1,1-Dichloroethene	**<28.5**	ug/L	50.0	28.5	50		01/19/10 16:30	75-35-4	
cis-1,2-Dichloroethene	**563**	ug/L	50.0	41.5	50		01/19/10 16:30	156-59-2	
trans-1,2-Dichloroethene	**<44.5**	ug/L	50.0	44.5	50		01/19/10 16:30	156-60-5	
1,2-Dichloropropane	**<24.5**	ug/L	50.0	24.5	50		01/19/10 16:30	78-87-5	
1,3-Dichloropropane	**<30.5**	ug/L	50.0	30.5	50		01/19/10 16:30	142-28-9	
2,2-Dichloropropane	**<31.0**	ug/L	50.0	31.0	50		01/19/10 16:30	594-20-7	
1,1-Dichloropropene	**<37.5**	ug/L	50.0	37.5	50		01/19/10 16:30	563-58-6	
cis-1,3-Dichloropropene	**<10.0**	ug/L	50.0	10.0	50		01/19/10 16:30	10061-01-5	
trans-1,3-Dichloropropene	**<9.5**	ug/L	50.0	9.5	50		01/19/10 16:30	10061-02-6	
Diisopropyl ether	**<38.0**	ug/L	50.0	38.0	50		01/19/10 16:30	108-20-3	
Ethylbenzene	**<27.0**	ug/L	50.0	27.0	50		01/19/10 16:30	100-41-4	
Hexachloro-1,3-butadiene	**<33.5**	ug/L	250	33.5	50		01/19/10 16:30	87-68-3	
Isopropylbenzene (Cumene)	**<29.5**	ug/L	50.0	29.5	50		01/19/10 16:30	98-82-8	
p-Isopropyltoluene	**<33.5**	ug/L	50.0	33.5	50		01/19/10 16:30	99-87-6	
Methylene Chloride	**<21.5**	ug/L	50.0	21.5	50		01/19/10 16:30	75-09-2	
Methyl-tert-butyl ether	**<30.5**	ug/L	50.0	30.5	50		01/19/10 16:30	1634-04-4	
Naphthalene	**<44.5**	ug/L	250	44.5	50		01/19/10 16:30	91-20-3	
n-Propylbenzene	**<40.5**	ug/L	50.0	40.5	50		01/19/10 16:30	103-65-1	
Styrene	**<43.0**	ug/L	50.0	43.0	50		01/19/10 16:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<46.0**	ug/L	50.0	46.0	50		01/19/10 16:30	630-20-6	
1,1,2,2-Tetrachloroethane	**<10.0**	ug/L	50.0	10.0	50		01/19/10 16:30	79-34-5	
Tetrachloroethene	**9050**	ug/L	50.0	22.5	50		01/19/10 16:30	127-18-4	
Toluene	**<33.5**	ug/L	50.0	33.5	50		01/19/10 16:30	108-88-3	
1,2,3-Trichlorobenzene	**<37.0**	ug/L	50.0	37.0	50		01/19/10 16:30	87-61-6	
1,2,4-Trichlorobenzene	**<48.5**	ug/L	50.0	48.5	50		01/19/10 16:30	120-82-1	
1,1,1-Trichloroethane	**<45.0**	ug/L	50.0	45.0	50		01/19/10 16:30	71-55-6	
1,1,2-Trichloroethane	**<21.0**	ug/L	50.0	21.0	50		01/19/10 16:30	79-00-5	
Trichloroethene	**339**	ug/L	50.0	24.0	50		01/19/10 16:30	79-01-6	
Trichlorofluoromethane	**<39.5**	ug/L	50.0	39.5	50		01/19/10 16:30	75-69-4	
1,2,3-Trichloropropane	**<49.5**	ug/L	50.0	49.5	50		01/19/10 16:30	96-18-4	
1,2,4-Trimethylbenzene	**<48.5**	ug/L	50.0	48.5	50		01/19/10 16:30	95-63-6	
1,3,5-Trimethylbenzene	**<41.5**	ug/L	50.0	41.5	50		01/19/10 16:30	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-2 **Lab ID: 4027563002** Collected: 01/13/10 15:00 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<9.0**	ug/L	50.0	9.0	50		01/19/10 16:30	75-01-4	
m&p-Xylene	**<90.0**	ug/L	100	90.0	50		01/19/10 16:30	1330-20-7	
o-Xylene	**<41.5**	ug/L	50.0	41.5	50		01/19/10 16:30	95-47-6	
4-Bromofluorobenzene (S)	85	%	70-130		50		01/19/10 16:30	460-00-4	
Dibromofluoromethane (S)	89	%	70-130		50		01/19/10 16:30	1868-53-7	
Toluene-d8 (S)	88	%	70-130		50		01/19/10 16:30	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-3 **Lab ID: 4027563003** Collected: 01/13/10 13:36 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**2.0J**	ug/L	20.0	1.9	1		01/22/10 11:03	7440-38-2	
Barium, Dissolved	**96.9**	ug/L	5.0	0.092	1		01/22/10 11:03	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:03	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:03	7440-47-3	
Copper, Dissolved	**2.0J**	ug/L	10.0	0.31	1		01/22/10 11:03	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:03	7782-49-2	
Silver, Dissolved	**0.76J**	ug/L	10.0	0.47	1		01/22/10 11:03	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:14	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	01/20/10 07:30	01/20/10 14:06	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 14:06	208-96-8	
Anthracene	**<0.0057**	ug/L	0.047	0.0057	1	01/20/10 07:30	01/20/10 14:06	120-12-7	
Benzo(a)anthracene	**<0.0036**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 14:06	56-55-3	
Benzo(a)pyrene	**0.0032J**	ug/L	0.047	0.0029	1	01/20/10 07:30	01/20/10 14:06	50-32-8	
Benzo(b)fluoranthene	**0.0045J**	ug/L	0.047	0.0034	1	01/20/10 07:30	01/20/10 14:06	205-99-2	
Benzo(g,h,i)perylene	**<0.0048**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 14:06	191-24-2	
Benzo(k)fluoranthene	**<0.0044**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 14:06	207-08-9	
Chrysene	**0.0050J**	ug/L	0.047	0.0035	1	01/20/10 07:30	01/20/10 14:06	218-01-9	
Dibenz(a,h)anthracene	**<0.0032**	ug/L	0.047	0.0032	1	01/20/10 07:30	01/20/10 14:06	53-70-3	
Fluoranthene	**0.0092J**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 14:06	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 14:06	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0047**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 14:06	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	01/20/10 07:30	01/20/10 14:06	90-12-0	
2-Methylnaphthalene	**<0.0039**	ug/L	0.047	0.0039	1	01/20/10 07:30	01/20/10 14:06	91-57-6	
Naphthalene	**0.0095J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 14:06	91-20-3	Z2
Phenanthrene	**<0.0081**	ug/L	0.047	0.0081	1	01/20/10 07:30	01/20/10 14:06	85-01-8	
Pyrene	**0.0076J**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 14:06	129-00-0	
2-Fluorobiphenyl (S)	47	%	25-130		1	01/20/10 07:30	01/20/10 14:06	321-60-8	
Terphenyl-d14 (S)	83	%	36-140		1	01/20/10 07:30	01/20/10 14:06	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		01/20/10 08:37	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		01/20/10 08:37	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		01/20/10 08:37	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		01/20/10 08:37	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		01/20/10 08:37	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		01/20/10 08:37	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		01/20/10 08:37	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		01/20/10 08:37	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/20/10 08:37	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		01/20/10 08:37	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		01/20/10 08:37	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		01/20/10 08:37	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-3 **Lab ID: 4027563003** Collected: 01/13/10 13:36 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/20/10 08:37	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		01/20/10 08:37	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		01/20/10 08:37	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		01/20/10 08:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		01/20/10 08:37	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		01/20/10 08:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		01/20/10 08:37	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		01/20/10 08:37	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 08:37	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		01/20/10 08:37	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		01/20/10 08:37	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		01/20/10 08:37	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		01/20/10 08:37	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		01/20/10 08:37	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		01/20/10 08:37	75-35-4	
cis-1,2-Dichloroethene	**1.1**	ug/L	1.0	0.83	1		01/20/10 08:37	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		01/20/10 08:37	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		01/20/10 08:37	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		01/20/10 08:37	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		01/20/10 08:37	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		01/20/10 08:37	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		01/20/10 08:37	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		01/20/10 08:37	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		01/20/10 08:37	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		01/20/10 08:37	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		01/20/10 08:37	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		01/20/10 08:37	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		01/20/10 08:37	99-87-6	
Methylene Chloride	**1.4**	ug/L	1.0	0.43	1		01/20/10 08:37	75-09-2	Z3
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		01/20/10 08:37	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		01/20/10 08:37	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		01/20/10 08:37	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		01/20/10 08:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		01/20/10 08:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		01/20/10 08:37	79-34-5	
Tetrachloroethene	**35.3**	ug/L	1.0	0.45	1		01/20/10 08:37	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		01/20/10 08:37	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		01/20/10 08:37	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		01/20/10 08:37	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		01/20/10 08:37	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		01/20/10 08:37	79-00-5	
Trichloroethene	**6.9**	ug/L	1.0	0.48	1		01/20/10 08:37	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		01/20/10 08:37	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		01/20/10 08:37	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/20/10 08:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 08:37	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-3 **Lab ID: 4027563003** Collected: 01/13/10 13:36 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/20/10 08:37	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		01/20/10 08:37	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 08:37	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		1		01/20/10 08:37	460-00-4	
Dibromofluoromethane (S)	87	%	70-130		1		01/20/10 08:37	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		01/20/10 08:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-4 **Lab ID: 4027563004** Collected: 01/14/10 15:40 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**<1.9**	ug/L	20.0	1.9	1		01/22/10 11:07	7440-38-2	
Barium, Dissolved	**113**	ug/L	5.0	0.092	1		01/22/10 11:07	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:07	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:07	7440-47-3	
Copper, Dissolved	**12.4**	ug/L	10.0	0.31	1		01/22/10 11:07	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:07	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 11:07	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:15	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	01/21/10 07:15	01/21/10 16:16	83-32-9	
Acenaphthylene	**0.0042J**	ug/L	0.047	0.0036	1	01/21/10 07:15	01/21/10 16:16	208-96-8	
Anthracene	**<0.0057**	ug/L	0.047	0.0057	1	01/21/10 07:15	01/21/10 16:16	120-12-7	
Benzo(a)anthracene	**0.013J**	ug/L	0.047	0.0036	1	01/21/10 07:15	01/21/10 16:16	56-55-3	
Benzo(a)pyrene	**0.012J**	ug/L	0.047	0.0029	1	01/21/10 07:15	01/21/10 16:16	50-32-8	
Benzo(b)fluoranthene	**0.021J**	ug/L	0.047	0.0034	1	01/21/10 07:15	01/21/10 16:16	205-99-2	
Benzo(g,h,i)perylene	**0.016J**	ug/L	0.047	0.0048	1	01/21/10 07:15	01/21/10 16:16	191-24-2	
Benzo(k)fluoranthene	**0.016J**	ug/L	0.047	0.0044	1	01/21/10 07:15	01/21/10 16:16	207-08-9	
Chrysene	**0.020J**	ug/L	0.047	0.0035	1	01/21/10 07:15	01/21/10 16:16	218-01-9	
Dibenz(a,h)anthracene	**0.0055J**	ug/L	0.047	0.0032	1	01/21/10 07:15	01/21/10 16:16	53-70-3	
Fluoranthene	**0.034J**	ug/L	0.047	0.0044	1	01/21/10 07:15	01/21/10 16:16	206-44-0	
Fluorene	**0.016J**	ug/L	0.047	0.0048	1	01/21/10 07:15	01/21/10 16:16	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.013J**	ug/L	0.047	0.0047	1	01/21/10 07:15	01/21/10 16:16	193-39-5	
1-Methylnaphthalene	**0.020J**	ug/L	0.047	0.0050	1	01/21/10 07:15	01/21/10 16:16	90-12-0	
2-Methylnaphthalene	**0.030J**	ug/L	0.047	0.0039	1	01/21/10 07:15	01/21/10 16:16	91-57-6	
Naphthalene	**0.047**	ug/L	0.047	0.0048	1	01/21/10 07:15	01/21/10 16:16	91-20-3	Z2
Phenanthrene	**0.023J**	ug/L	0.047	0.0081	1	01/21/10 07:15	01/21/10 16:16	85-01-8	
Pyrene	**0.032J**	ug/L	0.047	0.0047	1	01/21/10 07:15	01/21/10 16:16	129-00-0	
2-Fluorobiphenyl (S)	40	%	25-130		1	01/21/10 07:15	01/21/10 16:16	321-60-8	
Terphenyl-d14 (S)	85	%	36-140		1	01/21/10 07:15	01/21/10 16:16	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<164**	ug/L	400	164	400		01/19/10 18:26	71-43-2	
Bromobenzene	**<328**	ug/L	400	328	400		01/19/10 18:26	108-86-1	
Bromochloromethane	**<388**	ug/L	400	388	400		01/19/10 18:26	74-97-5	
Bromodichloromethane	**<224**	ug/L	400	224	400		01/19/10 18:26	75-27-4	
Bromoform	**<376**	ug/L	400	376	400		01/19/10 18:26	75-25-2	
Bromomethane	**<364**	ug/L	400	364	400		01/19/10 18:26	74-83-9	
n-Butylbenzene	**<372**	ug/L	400	372	400		01/19/10 18:26	104-51-8	
sec-Butylbenzene	**<356**	ug/L	2000	356	400		01/19/10 18:26	135-98-8	
tert-Butylbenzene	**<388**	ug/L	400	388	400		01/19/10 18:26	98-06-6	
Carbon tetrachloride	**<196**	ug/L	400	196	400		01/19/10 18:26	56-23-5	
Chlorobenzene	**<164**	ug/L	400	164	400		01/19/10 18:26	108-90-7	
Chloroethane	**<388**	ug/L	400	388	400		01/19/10 18:26	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-4 **Lab ID: 4027563004** Collected: 01/14/10 15:40 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<520**	ug/L	2000	520	400		01/19/10 18:26	67-66-3	
Chloromethane	**<96.0**	ug/L	400	96.0	400		01/19/10 18:26	74-87-3	
2-Chlorotoluene	**<340**	ug/L	400	340	400		01/19/10 18:26	95-49-8	
4-Chlorotoluene	**<296**	ug/L	400	296	400		01/19/10 18:26	106-43-4	
1,2-Dibromo-3-chloropropane	**<672**	ug/L	2000	672	400		01/19/10 18:26	96-12-8	
Dibromochloromethane	**<324**	ug/L	400	324	400		01/19/10 18:26	124-48-1	
1,2-Dibromoethane (EDB)	**<224**	ug/L	400	224	400		01/19/10 18:26	106-93-4	
Dibromomethane	**<240**	ug/L	400	240	400		01/19/10 18:26	74-95-3	
1,2-Dichlorobenzene	**<332**	ug/L	400	332	400		01/19/10 18:26	95-50-1	
1,3-Dichlorobenzene	**<348**	ug/L	400	348	400		01/19/10 18:26	541-73-1	
1,4-Dichlorobenzene	**<380**	ug/L	400	380	400		01/19/10 18:26	106-46-7	
Dichlorodifluoromethane	**<396**	ug/L	400	396	400		01/19/10 18:26	75-71-8	
1,1-Dichloroethane	**<300**	ug/L	400	300	400		01/19/10 18:26	75-34-3	
1,2-Dichloroethane	**<144**	ug/L	400	144	400		01/19/10 18:26	107-06-2	
1,1-Dichloroethene	**<228**	ug/L	400	228	400		01/19/10 18:26	75-35-4	
cis-1,2-Dichloroethene	**1870**	ug/L	400	332	400		01/19/10 18:26	156-59-2	
trans-1,2-Dichloroethene	**<356**	ug/L	400	356	400		01/19/10 18:26	156-60-5	
1,2-Dichloropropane	**<196**	ug/L	400	196	400		01/19/10 18:26	78-87-5	
1,3-Dichloropropane	**<244**	ug/L	400	244	400		01/19/10 18:26	142-28-9	
2,2-Dichloropropane	**<248**	ug/L	400	248	400		01/19/10 18:26	594-20-7	
1,1-Dichloropropene	**<300**	ug/L	400	300	400		01/19/10 18:26	563-58-6	
cis-1,3-Dichloropropene	**<80.0**	ug/L	400	80.0	400		01/19/10 18:26	10061-01-5	
trans-1,3-Dichloropropene	**<76.0**	ug/L	400	76.0	400		01/19/10 18:26	10061-02-6	
Diisopropyl ether	**<304**	ug/L	400	304	400		01/19/10 18:26	108-20-3	
Ethylbenzene	**<216**	ug/L	400	216	400		01/19/10 18:26	100-41-4	
Hexachloro-1,3-butadiene	**<268**	ug/L	2000	268	400		01/19/10 18:26	87-68-3	
Isopropylbenzene (Cumene)	**<236**	ug/L	400	236	400		01/19/10 18:26	98-82-8	
p-Isopropyltoluene	**<268**	ug/L	400	268	400		01/19/10 18:26	99-87-6	
Methylene Chloride	**<172**	ug/L	400	172	400		01/19/10 18:26	75-09-2	
Methyl-tert-butyl ether	**<244**	ug/L	400	244	400		01/19/10 18:26	1634-04-4	
Naphthalene	**<356**	ug/L	2000	356	400		01/19/10 18:26	91-20-3	
n-Propylbenzene	**<324**	ug/L	400	324	400		01/19/10 18:26	103-65-1	
Styrene	**<344**	ug/L	400	344	400		01/19/10 18:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<368**	ug/L	400	368	400		01/19/10 18:26	630-20-6	
1,1,2,2-Tetrachloroethane	**<80.0**	ug/L	400	80.0	400		01/19/10 18:26	79-34-5	
Tetrachloroethene	**56200**	ug/L	400	180	400		01/19/10 18:26	127-18-4	
Toluene	**<268**	ug/L	400	268	400		01/19/10 18:26	108-88-3	
1,2,3-Trichlorobenzene	**<296**	ug/L	400	296	400		01/19/10 18:26	87-61-6	
1,2,4-Trichlorobenzene	**<388**	ug/L	400	388	400		01/19/10 18:26	120-82-1	
1,1,1-Trichloroethane	**<360**	ug/L	400	360	400		01/19/10 18:26	71-55-6	
1,1,2-Trichloroethane	**<168**	ug/L	400	168	400		01/19/10 18:26	79-00-5	
Trichloroethene	**2350**	ug/L	400	192	400		01/19/10 18:26	79-01-6	
Trichlorofluoromethane	**<316**	ug/L	400	316	400		01/19/10 18:26	75-69-4	
1,2,3-Trichloropropane	**<396**	ug/L	400	396	400		01/19/10 18:26	96-18-4	
1,2,4-Trimethylbenzene	**<388**	ug/L	400	388	400		01/19/10 18:26	95-63-6	
1,3,5-Trimethylbenzene	**<332**	ug/L	400	332	400		01/19/10 18:26	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-4 **Lab ID: 4027563004** Collected: 01/14/10 15:40 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<72.0**	ug/L	400	72.0	400		01/19/10 18:26	75-01-4	
m&p-Xylene	**<720**	ug/L	800	720	400		01/19/10 18:26	1330-20-7	
o-Xylene	**<332**	ug/L	400	332	400		01/19/10 18:26	95-47-6	
4-Bromofluorobenzene (S)	87	%	70-130		400		01/19/10 18:26	460-00-4	
Dibromofluoromethane (S)	87	%	70-130		400		01/19/10 18:26	1868-53-7	
Toluene-d8 (S)	90	%	70-130		400		01/19/10 18:26	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-5 **Lab ID: 4027563005** Collected: 01/13/10 15:25 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**<1.9**	ug/L	20.0	1.9	1		01/22/10 11:11	7440-38-2	
Barium, Dissolved	**102**	ug/L	5.0	0.092	1		01/22/10 11:11	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:11	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:11	7440-47-3	
Copper, Dissolved	**2.4J**	ug/L	10.0	0.31	1		01/22/10 11:11	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:11	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 11:11	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:16	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0046**	ug/L	0.048	0.0046	1	01/20/10 07:30	01/20/10 14:23	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.048	0.0036	1	01/20/10 07:30	01/20/10 14:23	208-96-8	
Anthracene	**0.0063J**	ug/L	0.048	0.0058	1	01/20/10 07:30	01/20/10 14:23	120-12-7	
Benzo(a)anthracene	**0.012J**	ug/L	0.048	0.0037	1	01/20/10 07:30	01/20/10 14:23	56-55-3	
Benzo(a)pyrene	**0.0083J**	ug/L	0.048	0.0029	1	01/20/10 07:30	01/20/10 14:23	50-32-8	
Benzo(b)fluoranthene	**0.012J**	ug/L	0.048	0.0034	1	01/20/10 07:30	01/20/10 14:23	205-99-2	
Benzo(g,h,i)perylene	**0.0093J**	ug/L	0.048	0.0049	1	01/20/10 07:30	01/20/10 14:23	191-24-2	
Benzo(k)fluoranthene	**0.0078J**	ug/L	0.048	0.0044	1	01/20/10 07:30	01/20/10 14:23	207-08-9	
Chrysene	**0.020J**	ug/L	0.048	0.0035	1	01/20/10 07:30	01/20/10 14:23	218-01-9	
Dibenz(a,h)anthracene	**<0.0032**	ug/L	0.048	0.0032	1	01/20/10 07:30	01/20/10 14:23	53-70-3	
Fluoranthene	**0.026J**	ug/L	0.048	0.0044	1	01/20/10 07:30	01/20/10 14:23	206-44-0	
Fluorene	**<0.0048**	ug/L	0.048	0.0048	1	01/20/10 07:30	01/20/10 14:23	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0047**	ug/L	0.048	0.0047	1	01/20/10 07:30	01/20/10 14:23	193-39-5	
1-Methylnaphthalene	**0.010J**	ug/L	0.048	0.0050	1	01/20/10 07:30	01/20/10 14:23	90-12-0	
2-Methylnaphthalene	**0.0067J**	ug/L	0.048	0.0039	1	01/20/10 07:30	01/20/10 14:23	91-57-6	Z2
Naphthalene	**0.015J**	ug/L	0.048	0.0049	1	01/20/10 07:30	01/20/10 14:23	91-20-3	Z2
Phenanthrene	**0.0099J**	ug/L	0.048	0.0082	1	01/20/10 07:30	01/20/10 14:23	85-01-8	
Pyrene	**0.034J**	ug/L	0.048	0.0048	1	01/20/10 07:30	01/20/10 14:23	129-00-0	
2-Fluorobiphenyl (S)	48	%	25-130		1	01/20/10 07:30	01/20/10 14:23	321-60-8	
Terphenyl-d14 (S)	95	%	36-140		1	01/20/10 07:30	01/20/10 14:23	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<41.0**	ug/L	100	41.0	100		01/19/10 16:53	71-43-2	
Bromobenzene	**<82.0**	ug/L	100	82.0	100		01/19/10 16:53	108-86-1	
Bromochloromethane	**<97.0**	ug/L	100	97.0	100		01/19/10 16:53	74-97-5	
Bromodichloromethane	**<56.0**	ug/L	100	56.0	100		01/19/10 16:53	75-27-4	
Bromoform	**<94.0**	ug/L	100	94.0	100		01/19/10 16:53	75-25-2	
Bromomethane	**<91.0**	ug/L	100	91.0	100		01/19/10 16:53	74-83-9	
n-Butylbenzene	**<93.0**	ug/L	100	93.0	100		01/19/10 16:53	104-51-8	
sec-Butylbenzene	**<89.0**	ug/L	500	89.0	100		01/19/10 16:53	135-98-8	
tert-Butylbenzene	**<97.0**	ug/L	100	97.0	100		01/19/10 16:53	98-06-6	
Carbon tetrachloride	**<49.0**	ug/L	100	49.0	100		01/19/10 16:53	56-23-5	
Chlorobenzene	**<41.0**	ug/L	100	41.0	100		01/19/10 16:53	108-90-7	
Chloroethane	**<97.0**	ug/L	100	97.0	100		01/19/10 16:53	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-5 **Lab ID: 4027563005** Collected: 01/13/10 15:25 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<130**	ug/L	500	130	100		01/19/10 16:53	67-66-3	
Chloromethane	**<24.0**	ug/L	100	24.0	100		01/19/10 16:53	74-87-3	
2-Chlorotoluene	**<85.0**	ug/L	100	85.0	100		01/19/10 16:53	95-49-8	
4-Chlorotoluene	**<74.0**	ug/L	100	74.0	100		01/19/10 16:53	106-43-4	
1,2-Dibromo-3-chloropropane	**<168**	ug/L	500	168	100		01/19/10 16:53	96-12-8	
Dibromochloromethane	**<81.0**	ug/L	100	81.0	100		01/19/10 16:53	124-48-1	
1,2-Dibromoethane (EDB)	**<56.0**	ug/L	100	56.0	100		01/19/10 16:53	106-93-4	
Dibromomethane	**<60.0**	ug/L	100	60.0	100		01/19/10 16:53	74-95-3	
1,2-Dichlorobenzene	**<83.0**	ug/L	100	83.0	100		01/19/10 16:53	95-50-1	
1,3-Dichlorobenzene	**<87.0**	ug/L	100	87.0	100		01/19/10 16:53	541-73-1	
1,4-Dichlorobenzene	**<95.0**	ug/L	100	95.0	100		01/19/10 16:53	106-46-7	
Dichlorodifluoromethane	**<99.0**	ug/L	100	99.0	100		01/19/10 16:53	75-71-8	
1,1-Dichloroethane	**<75.0**	ug/L	100	75.0	100		01/19/10 16:53	75-34-3	
1,2-Dichloroethane	**<36.0**	ug/L	100	36.0	100		01/19/10 16:53	107-06-2	
1,1-Dichloroethene	**<57.0**	ug/L	100	57.0	100		01/19/10 16:53	75-35-4	
cis-1,2-Dichloroethene	**672**	ug/L	100	83.0	100		01/19/10 16:53	156-59-2	
trans-1,2-Dichloroethene	**<89.0**	ug/L	100	89.0	100		01/19/10 16:53	156-60-5	
1,2-Dichloropropane	**<49.0**	ug/L	100	49.0	100		01/19/10 16:53	78-87-5	
1,3-Dichloropropane	**<61.0**	ug/L	100	61.0	100		01/19/10 16:53	142-28-9	
2,2-Dichloropropane	**<62.0**	ug/L	100	62.0	100		01/19/10 16:53	594-20-7	
1,1-Dichloropropene	**<75.0**	ug/L	100	75.0	100		01/19/10 16:53	563-58-6	
cis-1,3-Dichloropropene	**<20.0**	ug/L	100	20.0	100		01/19/10 16:53	10061-01-5	
trans-1,3-Dichloropropene	**<19.0**	ug/L	100	19.0	100		01/19/10 16:53	10061-02-6	
Diisopropyl ether	**<76.0**	ug/L	100	76.0	100		01/19/10 16:53	108-20-3	
Ethylbenzene	**<54.0**	ug/L	100	54.0	100		01/19/10 16:53	100-41-4	
Hexachloro-1,3-butadiene	**<67.0**	ug/L	500	67.0	100		01/19/10 16:53	87-68-3	
Isopropylbenzene (Cumene)	**<59.0**	ug/L	100	59.0	100		01/19/10 16:53	98-82-8	
p-Isopropyltoluene	**<67.0**	ug/L	100	67.0	100		01/19/10 16:53	99-87-6	
Methylene Chloride	**<43.0**	ug/L	100	43.0	100		01/19/10 16:53	75-09-2	
Methyl-tert-butyl ether	**<61.0**	ug/L	100	61.0	100		01/19/10 16:53	1634-04-4	
Naphthalene	**<89.0**	ug/L	500	89.0	100		01/19/10 16:53	91-20-3	
n-Propylbenzene	**<81.0**	ug/L	100	81.0	100		01/19/10 16:53	103-65-1	
Styrene	**<86.0**	ug/L	100	86.0	100		01/19/10 16:53	100-42-5	
1,1,1,2-Tetrachloroethane	**<92.0**	ug/L	100	92.0	100		01/19/10 16:53	630-20-6	
1,1,2,2-Tetrachloroethane	**<20.0**	ug/L	100	20.0	100		01/19/10 16:53	79-34-5	
Tetrachloroethene	**12900**	ug/L	100	45.0	100		01/19/10 16:53	127-18-4	
Toluene	**<67.0**	ug/L	100	67.0	100		01/19/10 16:53	108-88-3	
1,2,3-Trichlorobenzene	**<74.0**	ug/L	100	74.0	100		01/19/10 16:53	87-61-6	
1,2,4-Trichlorobenzene	**<97.0**	ug/L	100	97.0	100		01/19/10 16:53	120-82-1	
1,1,1-Trichloroethane	**<90.0**	ug/L	100	90.0	100		01/19/10 16:53	71-55-6	
1,1,2-Trichloroethane	**<42.0**	ug/L	100	42.0	100		01/19/10 16:53	79-00-5	
Trichloroethene	**411**	ug/L	100	48.0	100		01/19/10 16:53	79-01-6	
Trichlorofluoromethane	**<79.0**	ug/L	100	79.0	100		01/19/10 16:53	75-69-4	
1,2,3-Trichloropropane	**<99.0**	ug/L	100	99.0	100		01/19/10 16:53	96-18-4	
1,2,4-Trimethylbenzene	**<97.0**	ug/L	100	97.0	100		01/19/10 16:53	95-63-6	
1,3,5-Trimethylbenzene	**<83.0**	ug/L	100	83.0	100		01/19/10 16:53	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-5 **Lab ID: 4027563005** Collected: 01/13/10 15:25 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<18.0**	ug/L	100	18.0	100		01/19/10 16:53	75-01-4	
m&p-Xylene	**<180**	ug/L	200	180	100		01/19/10 16:53	1330-20-7	
o-Xylene	**<83.0**	ug/L	100	83.0	100		01/19/10 16:53	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		100		01/19/10 16:53	460-00-4	
Dibromofluoromethane (S)	86	%	70-130		100		01/19/10 16:53	1868-53-7	
Toluene-d8 (S)	90	%	70-130		100		01/19/10 16:53	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-6 **Lab ID: 4027563006** Collected: 01/13/10 15:50 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**<1.9**	ug/L	20.0	1.9	1		01/22/10 11:15	7440-38-2	
Barium, Dissolved	**82.9**	ug/L	5.0	0.092	1		01/22/10 11:15	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:15	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:15	7440-47-3	
Copper, Dissolved	**2.2J**	ug/L	10.0	0.31	1		01/22/10 11:15	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:15	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 11:15	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:18	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0046**	ug/L	0.048	0.0046	1	01/20/10 07:30	01/20/10 14:41	83-32-9	
Acenaphthylene	**<0.0037**	ug/L	0.048	0.0037	1	01/20/10 07:30	01/20/10 14:41	208-96-8	
Anthracene	**0.0080J**	ug/L	0.048	0.0058	1	01/20/10 07:30	01/20/10 14:41	120-12-7	
Benzo(a)anthracene	**0.024J**	ug/L	0.048	0.0037	1	01/20/10 07:30	01/20/10 14:41	56-55-3	
Benzo(a)pyrene	**0.018J**	ug/L	0.048	0.0029	1	01/20/10 07:30	01/20/10 14:41	50-32-8	
Benzo(b)fluoranthene	**0.021J**	ug/L	0.048	0.0035	1	01/20/10 07:30	01/20/10 14:41	205-99-2	
Benzo(g,h,i)perylene	**0.021J**	ug/L	0.048	0.0049	1	01/20/10 07:30	01/20/10 14:41	191-24-2	
Benzo(k)fluoranthene	**0.024J**	ug/L	0.048	0.0045	1	01/20/10 07:30	01/20/10 14:41	207-08-9	
Chrysene	**0.023J**	ug/L	0.048	0.0035	1	01/20/10 07:30	01/20/10 14:41	218-01-9	
Dibenz(a,h)anthracene	**0.015J**	ug/L	0.048	0.0033	1	01/20/10 07:30	01/20/10 14:41	53-70-3	
Fluoranthene	**0.021J**	ug/L	0.048	0.0045	1	01/20/10 07:30	01/20/10 14:41	206-44-0	
Fluorene	**<0.0049**	ug/L	0.048	0.0049	1	01/20/10 07:30	01/20/10 14:41	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.018J**	ug/L	0.048	0.0048	1	01/20/10 07:30	01/20/10 14:41	193-39-5	
1-Methylnaphthalene	**0.016J**	ug/L	0.048	0.0051	1	01/20/10 07:30	01/20/10 14:41	90-12-0	
2-Methylnaphthalene	**0.021J**	ug/L	0.048	0.0039	1	01/20/10 07:30	01/20/10 14:41	91-57-6	Z2
Naphthalene	**0.032J**	ug/L	0.048	0.0049	1	01/20/10 07:30	01/20/10 14:41	91-20-3	Z2
Phenanthrene	**<0.0082**	ug/L	0.048	0.0082	1	01/20/10 07:30	01/20/10 14:41	85-01-8	
Pyrene	**0.026J**	ug/L	0.048	0.0048	1	01/20/10 07:30	01/20/10 14:41	129-00-0	
2-Fluorobiphenyl (S)	55	%	25-130		1	01/20/10 07:30	01/20/10 14:41	321-60-8	
Terphenyl-d14 (S)	84	%	36-140		1	01/20/10 07:30	01/20/10 14:41	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<82.0**	ug/L	200	82.0	200		01/19/10 17:16	71-43-2	
Bromobenzene	**<164**	ug/L	200	164	200		01/19/10 17:16	108-86-1	
Bromochloromethane	**<194**	ug/L	200	194	200		01/19/10 17:16	74-97-5	
Bromodichloromethane	**<112**	ug/L	200	112	200		01/19/10 17:16	75-27-4	
Bromoform	**<188**	ug/L	200	188	200		01/19/10 17:16	75-25-2	
Bromomethane	**<182**	ug/L	200	182	200		01/19/10 17:16	74-83-9	
n-Butylbenzene	**<186**	ug/L	200	186	200		01/19/10 17:16	104-51-8	
sec-Butylbenzene	**<178**	ug/L	1000	178	200		01/19/10 17:16	135-98-8	
tert-Butylbenzene	**<194**	ug/L	200	194	200		01/19/10 17:16	98-06-6	
Carbon tetrachloride	**<98.0**	ug/L	200	98.0	200		01/19/10 17:16	56-23-5	
Chlorobenzene	**<82.0**	ug/L	200	82.0	200		01/19/10 17:16	108-90-7	
Chloroethane	**<194**	ug/L	200	194	200		01/19/10 17:16	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-6 **Lab ID: 4027563006** Collected: 01/13/10 15:50 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<260**	ug/L	1000	260	200		01/19/10 17:16	67-66-3	
Chloromethane	**<48.0**	ug/L	200	48.0	200		01/19/10 17:16	74-87-3	
2-Chlorotoluene	**<170**	ug/L	200	170	200		01/19/10 17:16	95-49-8	
4-Chlorotoluene	**<148**	ug/L	200	148	200		01/19/10 17:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<336**	ug/L	1000	336	200		01/19/10 17:16	96-12-8	
Dibromochloromethane	**<162**	ug/L	200	162	200		01/19/10 17:16	124-48-1	
1,2-Dibromoethane (EDB)	**<112**	ug/L	200	112	200		01/19/10 17:16	106-93-4	
Dibromomethane	**<120**	ug/L	200	120	200		01/19/10 17:16	74-95-3	
1,2-Dichlorobenzene	**<166**	ug/L	200	166	200		01/19/10 17:16	95-50-1	
1,3-Dichlorobenzene	**<174**	ug/L	200	174	200		01/19/10 17:16	541-73-1	
1,4-Dichlorobenzene	**<190**	ug/L	200	190	200		01/19/10 17:16	106-46-7	
Dichlorodifluoromethane	**<198**	ug/L	200	198	200		01/19/10 17:16	75-71-8	
1,1-Dichloroethane	**<150**	ug/L	200	150	200		01/19/10 17:16	75-34-3	
1,2-Dichloroethane	**<72.0**	ug/L	200	72.0	200		01/19/10 17:16	107-06-2	
1,1-Dichloroethene	**<114**	ug/L	200	114	200		01/19/10 17:16	75-35-4	
cis-1,2-Dichloroethene	**2010**	ug/L	200	166	200		01/19/10 17:16	156-59-2	
trans-1,2-Dichloroethene	**<178**	ug/L	200	178	200		01/19/10 17:16	156-60-5	
1,2-Dichloropropane	**<98.0**	ug/L	200	98.0	200		01/19/10 17:16	78-87-5	
1,3-Dichloropropane	**<122**	ug/L	200	122	200		01/19/10 17:16	142-28-9	
2,2-Dichloropropane	**<124**	ug/L	200	124	200		01/19/10 17:16	594-20-7	
1,1-Dichloropropene	**<150**	ug/L	200	150	200		01/19/10 17:16	563-58-6	
cis-1,3-Dichloropropene	**<40.0**	ug/L	200	40.0	200		01/19/10 17:16	10061-01-5	
trans-1,3-Dichloropropene	**<38.0**	ug/L	200	38.0	200		01/19/10 17:16	10061-02-6	
Diisopropyl ether	**<152**	ug/L	200	152	200		01/19/10 17:16	108-20-3	
Ethylbenzene	**<108**	ug/L	200	108	200		01/19/10 17:16	100-41-4	
Hexachloro-1,3-butadiene	**<134**	ug/L	1000	134	200		01/19/10 17:16	87-68-3	
Isopropylbenzene (Cumene)	**<118**	ug/L	200	118	200		01/19/10 17:16	98-82-8	
p-Isopropyltoluene	**<134**	ug/L	200	134	200		01/19/10 17:16	99-87-6	
Methylene Chloride	**<86.0**	ug/L	200	86.0	200		01/19/10 17:16	75-09-2	
Methyl-tert-butyl ether	**<122**	ug/L	200	122	200		01/19/10 17:16	1634-04-4	
Naphthalene	**<178**	ug/L	1000	178	200		01/19/10 17:16	91-20-3	
n-Propylbenzene	**<162**	ug/L	200	162	200		01/19/10 17:16	103-65-1	
Styrene	**<172**	ug/L	200	172	200		01/19/10 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<184**	ug/L	200	184	200		01/19/10 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	**<40.0**	ug/L	200	40.0	200		01/19/10 17:16	79-34-5	
Tetrachloroethene	**20000**	ug/L	200	90.0	200		01/19/10 17:16	127-18-4	
Toluene	**<134**	ug/L	200	134	200		01/19/10 17:16	108-88-3	
1,2,3-Trichlorobenzene	**<148**	ug/L	200	148	200		01/19/10 17:16	87-61-6	
1,2,4-Trichlorobenzene	**<194**	ug/L	200	194	200		01/19/10 17:16	120-82-1	
1,1,1-Trichloroethane	**<180**	ug/L	200	180	200		01/19/10 17:16	71-55-6	
1,1,2-Trichloroethane	**<84.0**	ug/L	200	84.0	200		01/19/10 17:16	79-00-5	
Trichloroethene	**2310**	ug/L	200	96.0	200		01/19/10 17:16	79-01-6	
Trichlorofluoromethane	**<158**	ug/L	200	158	200		01/19/10 17:16	75-69-4	
1,2,3-Trichloropropane	**<198**	ug/L	200	198	200		01/19/10 17:16	96-18-4	
1,2,4-Trimethylbenzene	**<194**	ug/L	200	194	200		01/19/10 17:16	95-63-6	
1,3,5-Trimethylbenzene	**<166**	ug/L	200	166	200		01/19/10 17:16	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-6 **Lab ID: 4027563006** Collected: 01/13/10 15:50 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<36.0**	ug/L	200	36.0	200		01/19/10 17:16	75-01-4	
m&p-Xylene	**<360**	ug/L	400	360	200		01/19/10 17:16	1330-20-7	
o-Xylene	**<166**	ug/L	200	166	200		01/19/10 17:16	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		200		01/19/10 17:16	460-00-4	
Dibromofluoromethane (S)	86	%	70-130		200		01/19/10 17:16	1868-53-7	
Toluene-d8 (S)	90	%	70-130		200		01/19/10 17:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-7 **Lab ID: 4027563007** Collected: 01/13/10 14:35 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**<1.9**	ug/L	20.0	1.9	1		01/22/10 11:31	7440-38-2	
Barium, Dissolved	**98.1**	ug/L	5.0	0.092	1		01/22/10 11:31	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:31	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:31	7440-47-3	
Copper, Dissolved	**4.2J**	ug/L	10.0	0.31	1		01/22/10 11:31	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:31	7782-49-2	
Silver, Dissolved	**0.51J**	ug/L	10.0	0.47	1		01/22/10 11:31	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:22	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	01/20/10 07:30	01/20/10 17:01	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 17:01	208-96-8	
Anthracene	**0.012J**	ug/L	0.047	0.0057	1	01/20/10 07:30	01/20/10 17:01	120-12-7	
Benzo(a)anthracene	**0.022J**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 17:01	56-55-3	
Benzo(a)pyrene	**0.015J**	ug/L	0.047	0.0029	1	01/20/10 07:30	01/20/10 17:01	50-32-8	
Benzo(b)fluoranthene	**0.023J**	ug/L	0.047	0.0034	1	01/20/10 07:30	01/20/10 17:01	205-99-2	
Benzo(g,h,i)perylene	**0.015J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 17:01	191-24-2	
Benzo(k)fluoranthene	**0.016J**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 17:01	207-08-9	
Chrysene	**0.019J**	ug/L	0.047	0.0035	1	01/20/10 07:30	01/20/10 17:01	218-01-9	
Dibenz(a,h)anthracene	**0.0090J**	ug/L	0.047	0.0032	1	01/20/10 07:30	01/20/10 17:01	53-70-3	
Fluoranthene	**0.027J**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 17:01	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 17:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.013J**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 17:01	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	01/20/10 07:30	01/20/10 17:01	90-12-0	
2-Methylnaphthalene	**0.0042J**	ug/L	0.047	0.0039	1	01/20/10 07:30	01/20/10 17:01	91-57-6	Z2
Naphthalene	**0.011J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 17:01	91-20-3	Z2
Phenanthrene	**0.012J**	ug/L	0.047	0.0081	1	01/20/10 07:30	01/20/10 17:01	85-01-8	
Pyrene	**0.028J**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 17:01	129-00-0	
2-Fluorobiphenyl (S)	51	%	25-130		1	01/20/10 07:30	01/20/10 17:01	321-60-8	
Terphenyl-d14 (S)	82	%	36-140		1	01/20/10 07:30	01/20/10 17:01	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<1.6**	ug/L	4.0	1.6	4		01/19/10 17:40	71-43-2	
Bromobenzene	**<3.3**	ug/L	4.0	3.3	4		01/19/10 17:40	108-86-1	
Bromochloromethane	**<3.9**	ug/L	4.0	3.9	4		01/19/10 17:40	74-97-5	
Bromodichloromethane	**<2.2**	ug/L	4.0	2.2	4		01/19/10 17:40	75-27-4	
Bromoform	**<3.8**	ug/L	4.0	3.8	4		01/19/10 17:40	75-25-2	
Bromomethane	**<3.6**	ug/L	4.0	3.6	4		01/19/10 17:40	74-83-9	
n-Butylbenzene	**<3.7**	ug/L	4.0	3.7	4		01/19/10 17:40	104-51-8	
sec-Butylbenzene	**<3.6**	ug/L	20.0	3.6	4		01/19/10 17:40	135-98-8	
tert-Butylbenzene	**<3.9**	ug/L	4.0	3.9	4		01/19/10 17:40	98-06-6	
Carbon tetrachloride	**<2.0**	ug/L	4.0	2.0	4		01/19/10 17:40	56-23-5	
Chlorobenzene	**<1.6**	ug/L	4.0	1.6	4		01/19/10 17:40	108-90-7	
Chloroethane	**<3.9**	ug/L	4.0	3.9	4		01/19/10 17:40	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-7 **Lab ID: 4027563007** Collected: 01/13/10 14:35 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<5.2**	ug/L	20.0	5.2	4		01/19/10 17:40	67-66-3	
Chloromethane	**<0.96**	ug/L	4.0	0.96	4		01/19/10 17:40	74-87-3	
2-Chlorotoluene	**<3.4**	ug/L	4.0	3.4	4		01/19/10 17:40	95-49-8	
4-Chlorotoluene	**<3.0**	ug/L	4.0	3.0	4		01/19/10 17:40	106-43-4	
1,2-Dibromo-3-chloropropane	**<6.7**	ug/L	20.0	6.7	4		01/19/10 17:40	96-12-8	
Dibromochloromethane	**<3.2**	ug/L	4.0	3.2	4		01/19/10 17:40	124-48-1	
1,2-Dibromoethane (EDB)	**<2.2**	ug/L	4.0	2.2	4		01/19/10 17:40	106-93-4	
Dibromomethane	**<2.4**	ug/L	4.0	2.4	4		01/19/10 17:40	74-95-3	
1,2-Dichlorobenzene	**<3.3**	ug/L	4.0	3.3	4		01/19/10 17:40	95-50-1	
1,3-Dichlorobenzene	**<3.5**	ug/L	4.0	3.5	4		01/19/10 17:40	541-73-1	
1,4-Dichlorobenzene	**<3.8**	ug/L	4.0	3.8	4		01/19/10 17:40	106-46-7	
Dichlorodifluoromethane	**<4.0**	ug/L	4.0	4.0	4		01/19/10 17:40	75-71-8	
1,1-Dichloroethane	**<3.0**	ug/L	4.0	3.0	4		01/19/10 17:40	75-34-3	
1,2-Dichloroethane	**<1.4**	ug/L	4.0	1.4	4		01/19/10 17:40	107-06-2	
1,1-Dichloroethene	**<2.3**	ug/L	4.0	2.3	4		01/19/10 17:40	75-35-4	
cis-1,2-Dichloroethene	**238**	ug/L	4.0	3.3	4		01/19/10 17:40	156-59-2	
trans-1,2-Dichloroethene	**7.1**	ug/L	4.0	3.6	4		01/19/10 17:40	156-60-5	
1,2-Dichloropropane	**<2.0**	ug/L	4.0	2.0	4		01/19/10 17:40	78-87-5	
1,3-Dichloropropane	**<2.4**	ug/L	4.0	2.4	4		01/19/10 17:40	142-28-9	
2,2-Dichloropropane	**<2.5**	ug/L	4.0	2.5	4		01/19/10 17:40	594-20-7	
1,1-Dichloropropene	**<3.0**	ug/L	4.0	3.0	4		01/19/10 17:40	563-58-6	
cis-1,3-Dichloropropene	**<0.80**	ug/L	4.0	0.80	4		01/19/10 17:40	10061-01-5	
trans-1,3-Dichloropropene	**<0.76**	ug/L	4.0	0.76	4		01/19/10 17:40	10061-02-6	
Diisopropyl ether	**<3.0**	ug/L	4.0	3.0	4		01/19/10 17:40	108-20-3	
Ethylbenzene	**<2.2**	ug/L	4.0	2.2	4		01/19/10 17:40	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	20.0	2.7	4		01/19/10 17:40	87-68-3	
Isopropylbenzene (Cumene)	**<2.4**	ug/L	4.0	2.4	4		01/19/10 17:40	98-82-8	
p-Isopropyltoluene	**<2.7**	ug/L	4.0	2.7	4		01/19/10 17:40	99-87-6	
Methylene Chloride	**<1.7**	ug/L	4.0	1.7	4		01/19/10 17:40	75-09-2	
Methyl-tert-butyl ether	**<2.4**	ug/L	4.0	2.4	4		01/19/10 17:40	1634-04-4	
Naphthalene	**<3.6**	ug/L	20.0	3.6	4		01/19/10 17:40	91-20-3	
n-Propylbenzene	**<3.2**	ug/L	4.0	3.2	4		01/19/10 17:40	103-65-1	
Styrene	**<3.4**	ug/L	4.0	3.4	4		01/19/10 17:40	100-42-5	
1,1,1,2-Tetrachloroethane	**<3.7**	ug/L	4.0	3.7	4		01/19/10 17:40	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.80**	ug/L	4.0	0.80	4		01/19/10 17:40	79-34-5	
Tetrachloroethene	**38.7**	ug/L	4.0	1.8	4		01/19/10 17:40	127-18-4	
Toluene	**<2.7**	ug/L	4.0	2.7	4		01/19/10 17:40	108-88-3	
1,2,3-Trichlorobenzene	**<3.0**	ug/L	4.0	3.0	4		01/19/10 17:40	87-61-6	
1,2,4-Trichlorobenzene	**<3.9**	ug/L	4.0	3.9	4		01/19/10 17:40	120-82-1	
1,1,1-Trichloroethane	**<3.6**	ug/L	4.0	3.6	4		01/19/10 17:40	71-55-6	
1,1,2-Trichloroethane	**<1.7**	ug/L	4.0	1.7	4		01/19/10 17:40	79-00-5	
Trichloroethene	**32.9**	ug/L	4.0	1.9	4		01/19/10 17:40	79-01-6	
Trichlorofluoromethane	**<3.2**	ug/L	4.0	3.2	4		01/19/10 17:40	75-69-4	
1,2,3-Trichloropropane	**<4.0**	ug/L	4.0	4.0	4		01/19/10 17:40	96-18-4	
1,2,4-Trimethylbenzene	**<3.9**	ug/L	4.0	3.9	4		01/19/10 17:40	95-63-6	
1,3,5-Trimethylbenzene	**<3.3**	ug/L	4.0	3.3	4		01/19/10 17:40	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-7 **Lab ID: 4027563007** Collected: 01/13/10 14:35 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<0.72**	ug/L	4.0	0.72	4		01/19/10 17:40	75-01-4	
m&p-Xylene	**<7.2**	ug/L	8.0	7.2	4		01/19/10 17:40	1330-20-7	
o-Xylene	**<3.3**	ug/L	4.0	3.3	4		01/19/10 17:40	95-47-6	
4-Bromofluorobenzene (S)	85	%	70-130		4		01/19/10 17:40	460-00-4	
Dibromofluoromethane (S)	87	%	70-130		4		01/19/10 17:40	1868-53-7	
Toluene-d8 (S)	89	%	70-130		4		01/19/10 17:40	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-8 **Lab ID: 4027563008** Collected: 01/13/10 12:50 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**2.4J**	ug/L	20.0	1.9	1		01/22/10 11:35	7440-38-2	
Barium, Dissolved	**85.2**	ug/L	5.0	0.092	1		01/22/10 11:35	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:35	7440-43-9	
Chromium, Dissolved	**0.39J**	ug/L	5.0	0.39	1		01/22/10 11:35	7440-47-3	
Copper, Dissolved	**2.3J**	ug/L	10.0	0.31	1		01/22/10 11:35	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:35	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 11:35	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:23	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0048**	ug/L	0.050	0.0048	1	01/20/10 07:30	01/20/10 16:43	83-32-9	
Acenaphthylene	**<0.0038**	ug/L	0.050	0.0038	1	01/20/10 07:30	01/20/10 16:43	208-96-8	
Anthracene	**0.014J**	ug/L	0.050	0.0060	1	01/20/10 07:30	01/20/10 16:43	120-12-7	
Benzo(a)anthracene	**0.0089J**	ug/L	0.050	0.0038	1	01/20/10 07:30	01/20/10 16:43	56-55-3	
Benzo(a)pyrene	**0.010J**	ug/L	0.050	0.0030	1	01/20/10 07:30	01/20/10 16:43	50-32-8	
Benzo(b)fluoranthene	**0.016J**	ug/L	0.050	0.0036	1	01/20/10 07:30	01/20/10 16:43	205-99-2	
Benzo(g,h,i)perylene	**0.011J**	ug/L	0.050	0.0050	1	01/20/10 07:30	01/20/10 16:43	191-24-2	
Benzo(k)fluoranthene	**0.0086J**	ug/L	0.050	0.0046	1	01/20/10 07:30	01/20/10 16:43	207-08-9	
Chrysene	**0.015J**	ug/L	0.050	0.0037	1	01/20/10 07:30	01/20/10 16:43	218-01-9	
Dibenz(a,h)anthracene	**<0.0034**	ug/L	0.050	0.0034	1	01/20/10 07:30	01/20/10 16:43	53-70-3	
Fluoranthene	**0.024J**	ug/L	0.050	0.0046	1	01/20/10 07:30	01/20/10 16:43	206-44-0	
Fluorene	**<0.0050**	ug/L	0.050	0.0050	1	01/20/10 07:30	01/20/10 16:43	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0071J**	ug/L	0.050	0.0049	1	01/20/10 07:30	01/20/10 16:43	193-39-5	
1-Methylnaphthalene	**<0.0052**	ug/L	0.050	0.0052	1	01/20/10 07:30	01/20/10 16:43	90-12-0	
2-Methylnaphthalene	**0.0041J**	ug/L	0.050	0.0040	1	01/20/10 07:30	01/20/10 16:43	91-57-6	Z2
Naphthalene	**0.0084J**	ug/L	0.050	0.0051	1	01/20/10 07:30	01/20/10 16:43	91-20-3	Z2
Phenanthrene	**0.017J**	ug/L	0.050	0.0085	1	01/20/10 07:30	01/20/10 16:43	85-01-8	
Pyrene	**0.021J**	ug/L	0.050	0.0050	1	01/20/10 07:30	01/20/10 16:43	129-00-0	
2-Fluorobiphenyl (S)	55	%	25-130		1	01/20/10 07:30	01/20/10 16:43	321-60-8	
Terphenyl-d14 (S)	91	%	36-140		1	01/20/10 07:30	01/20/10 16:43	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		01/19/10 13:01	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		01/19/10 13:01	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:01	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		01/19/10 13:01	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		01/19/10 13:01	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		01/19/10 13:01	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		01/19/10 13:01	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		01/19/10 13:01	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:01	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		01/19/10 13:01	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		01/19/10 13:01	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:01	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-8 **Lab ID: 4027563008** Collected: 01/13/10 12:50 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/19/10 13:01	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		01/19/10 13:01	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		01/19/10 13:01	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		01/19/10 13:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		01/19/10 13:01	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		01/19/10 13:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		01/19/10 13:01	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		01/19/10 13:01	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		01/19/10 13:01	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		01/19/10 13:01	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		01/19/10 13:01	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		01/19/10 13:01	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		01/19/10 13:01	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		01/19/10 13:01	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		01/19/10 13:01	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		01/19/10 13:01	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		01/19/10 13:01	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		01/19/10 13:01	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		01/19/10 13:01	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		01/19/10 13:01	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		01/19/10 13:01	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		01/19/10 13:01	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		01/19/10 13:01	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		01/19/10 13:01	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		01/19/10 13:01	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		01/19/10 13:01	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		01/19/10 13:01	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		01/19/10 13:01	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		01/19/10 13:01	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		01/19/10 13:01	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		01/19/10 13:01	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		01/19/10 13:01	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		01/19/10 13:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		01/19/10 13:01	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		01/19/10 13:01	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		01/19/10 13:01	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		01/19/10 13:01	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		01/19/10 13:01	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:01	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		01/19/10 13:01	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		01/19/10 13:01	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		01/19/10 13:01	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		01/19/10 13:01	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		01/19/10 13:01	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		01/19/10 13:01	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-8 **Lab ID: 4027563008** Collected: 01/13/10 12:50 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/19/10 13:01	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		01/19/10 13:01	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		01/19/10 13:01	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		1		01/19/10 13:01	460-00-4	
Dibromofluoromethane (S)	85	%	70-130		1		01/19/10 13:01	1868-53-7	
Toluene-d8 (S)	88	%	70-130		1		01/19/10 13:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-9 **Lab ID: 4027563009** Collected: 01/13/10 16:20 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**2.0J**	ug/L	20.0	1.9	1		01/22/10 11:39	7440-38-2	
Barium, Dissolved	**123**	ug/L	5.0	0.092	1		01/22/10 11:39	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:39	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:39	7440-47-3	
Copper, Dissolved	**2.5J**	ug/L	10.0	0.31	1		01/22/10 11:39	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:39	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 11:39	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:24	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0051**	ug/L	0.053	0.0051	1	01/20/10 07:30	01/20/10 16:26	83-32-9	
Acenaphthylene	**0.0071J**	ug/L	0.053	0.0040	1	01/20/10 07:30	01/20/10 16:26	208-96-8	
Anthracene	**<0.0064**	ug/L	0.053	0.0064	1	01/20/10 07:30	01/20/10 16:26	120-12-7	
Benzo(a)anthracene	**<0.0040**	ug/L	0.053	0.0040	1	01/20/10 07:30	01/20/10 16:26	56-55-3	
Benzo(a)pyrene	**<0.0032**	ug/L	0.053	0.0032	1	01/20/10 07:30	01/20/10 16:26	50-32-8	
Benzo(b)fluoranthene	**<0.0038**	ug/L	0.053	0.0038	1	01/20/10 07:30	01/20/10 16:26	205-99-2	
Benzo(g,h,i)perylene	**<0.0054**	ug/L	0.053	0.0054	1	01/20/10 07:30	01/20/10 16:26	191-24-2	
Benzo(k)fluoranthene	**<0.0049**	ug/L	0.053	0.0049	1	01/20/10 07:30	01/20/10 16:26	207-08-9	
Chrysene	**0.0066J**	ug/L	0.053	0.0039	1	01/20/10 07:30	01/20/10 16:26	218-01-9	
Dibenz(a,h)anthracene	**<0.0036**	ug/L	0.053	0.0036	1	01/20/10 07:30	01/20/10 16:26	53-70-3	
Fluoranthene	**0.0068J**	ug/L	0.053	0.0049	1	01/20/10 07:30	01/20/10 16:26	206-44-0	
Fluorene	**0.0064J**	ug/L	0.053	0.0053	1	01/20/10 07:30	01/20/10 16:26	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0052**	ug/L	0.053	0.0052	1	01/20/10 07:30	01/20/10 16:26	193-39-5	
1-Methylnaphthalene	**0.016J**	ug/L	0.053	0.0056	1	01/20/10 07:30	01/20/10 16:26	90-12-0	
2-Methylnaphthalene	**0.027J**	ug/L	0.053	0.0043	1	01/20/10 07:30	01/20/10 16:26	91-57-6	Z2
Naphthalene	**0.092**	ug/L	0.053	0.0054	1	01/20/10 07:30	01/20/10 16:26	91-20-3	Z2
Phenanthrene	**0.015J**	ug/L	0.053	0.0090	1	01/20/10 07:30	01/20/10 16:26	85-01-8	
Pyrene	**0.0084J**	ug/L	0.053	0.0053	1	01/20/10 07:30	01/20/10 16:26	129-00-0	
2-Fluorobiphenyl (S)	40	%	25-130		1	01/20/10 07:30	01/20/10 16:26	321-60-8	
Terphenyl-d14 (S)	86	%	36-140		1	01/20/10 07:30	01/20/10 16:26	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<512**	ug/L	1250	512	1250		01/19/10 18:03	71-43-2	
Bromobenzene	**<1020**	ug/L	1250	1020	1250		01/19/10 18:03	108-86-1	
Bromochloromethane	**<1210**	ug/L	1250	1210	1250		01/19/10 18:03	74-97-5	
Bromodichloromethane	**<700**	ug/L	1250	700	1250		01/19/10 18:03	75-27-4	
Bromoform	**<1180**	ug/L	1250	1180	1250		01/19/10 18:03	75-25-2	
Bromomethane	**<1140**	ug/L	1250	1140	1250		01/19/10 18:03	74-83-9	
n-Butylbenzene	**<1160**	ug/L	1250	1160	1250		01/19/10 18:03	104-51-8	
sec-Butylbenzene	**<1110**	ug/L	6250	1110	1250		01/19/10 18:03	135-98-8	
tert-Butylbenzene	**<1210**	ug/L	1250	1210	1250		01/19/10 18:03	98-06-6	
Carbon tetrachloride	**<612**	ug/L	1250	612	1250		01/19/10 18:03	56-23-5	
Chlorobenzene	**<512**	ug/L	1250	512	1250		01/19/10 18:03	108-90-7	
Chloroethane	**<1210**	ug/L	1250	1210	1250		01/19/10 18:03	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-9 **Lab ID: 4027563009** Collected: 01/13/10 16:20 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<1620**	ug/L	6250	1620	1250		01/19/10 18:03	67-66-3	
Chloromethane	**<300**	ug/L	1250	300	1250		01/19/10 18:03	74-87-3	
2-Chlorotoluene	**<1060**	ug/L	1250	1060	1250		01/19/10 18:03	95-49-8	
4-Chlorotoluene	**<925**	ug/L	1250	925	1250		01/19/10 18:03	106-43-4	
1,2-Dibromo-3-chloropropane	**<2100**	ug/L	6250	2100	1250		01/19/10 18:03	96-12-8	
Dibromochloromethane	**<1010**	ug/L	1250	1010	1250		01/19/10 18:03	124-48-1	
1,2-Dibromoethane (EDB)	**<700**	ug/L	1250	700	1250		01/19/10 18:03	106-93-4	
Dibromomethane	**<750**	ug/L	1250	750	1250		01/19/10 18:03	74-95-3	
1,2-Dichlorobenzene	**<1040**	ug/L	1250	1040	1250		01/19/10 18:03	95-50-1	
1,3-Dichlorobenzene	**<1090**	ug/L	1250	1090	1250		01/19/10 18:03	541-73-1	
1,4-Dichlorobenzene	**<1190**	ug/L	1250	1190	1250		01/19/10 18:03	106-46-7	
Dichlorodifluoromethane	**<1240**	ug/L	1250	1240	1250		01/19/10 18:03	75-71-8	
1,1-Dichloroethane	**<938**	ug/L	1250	938	1250		01/19/10 18:03	75-34-3	
1,2-Dichloroethane	**<450**	ug/L	1250	450	1250		01/19/10 18:03	107-06-2	
1,1-Dichloroethene	**<712**	ug/L	1250	712	1250		01/19/10 18:03	75-35-4	
cis-1,2-Dichloroethene	**40800**	ug/L	1250	1040	1250		01/19/10 18:03	156-59-2	
trans-1,2-Dichloroethene	**<1110**	ug/L	1250	1110	1250		01/19/10 18:03	156-60-5	
1,2-Dichloropropane	**<612**	ug/L	1250	612	1250		01/19/10 18:03	78-87-5	
1,3-Dichloropropane	**<762**	ug/L	1250	762	1250		01/19/10 18:03	142-28-9	
2,2-Dichloropropane	**<775**	ug/L	1250	775	1250		01/19/10 18:03	594-20-7	
1,1-Dichloropropene	**<938**	ug/L	1250	938	1250		01/19/10 18:03	563-58-6	
cis-1,3-Dichloropropene	**<250**	ug/L	1250	250	1250		01/19/10 18:03	10061-01-5	
trans-1,3-Dichloropropene	**<238**	ug/L	1250	238	1250		01/19/10 18:03	10061-02-6	
Diisopropyl ether	**<950**	ug/L	1250	950	1250		01/19/10 18:03	108-20-3	
Ethylbenzene	**<675**	ug/L	1250	675	1250		01/19/10 18:03	100-41-4	
Hexachloro-1,3-butadiene	**<838**	ug/L	6250	838	1250		01/19/10 18:03	87-68-3	
Isopropylbenzene (Cumene)	**<738**	ug/L	1250	738	1250		01/19/10 18:03	98-82-8	
p-Isopropyltoluene	**<838**	ug/L	1250	838	1250		01/19/10 18:03	99-87-6	
Methylene Chloride	**<538**	ug/L	1250	538	1250		01/19/10 18:03	75-09-2	
Methyl-tert-butyl ether	**<762**	ug/L	1250	762	1250		01/19/10 18:03	1634-04-4	
Naphthalene	**<1110**	ug/L	6250	1110	1250		01/19/10 18:03	91-20-3	
n-Propylbenzene	**<1010**	ug/L	1250	1010	1250		01/19/10 18:03	103-65-1	
Styrene	**<1080**	ug/L	1250	1080	1250		01/19/10 18:03	100-42-5	
1,1,1,2-Tetrachloroethane	**<1150**	ug/L	1250	1150	1250		01/19/10 18:03	630-20-6	
1,1,2,2-Tetrachloroethane	**<250**	ug/L	1250	250	1250		01/19/10 18:03	79-34-5	
Tetrachloroethene	**139000**	ug/L	1250	562	1250		01/19/10 18:03	127-18-4	
Toluene	**<838**	ug/L	1250	838	1250		01/19/10 18:03	108-88-3	
1,2,3-Trichlorobenzene	**<925**	ug/L	1250	925	1250		01/19/10 18:03	87-61-6	
1,2,4-Trichlorobenzene	**<1210**	ug/L	1250	1210	1250		01/19/10 18:03	120-82-1	
1,1,1-Trichloroethane	**<1120**	ug/L	1250	1120	1250		01/19/10 18:03	71-55-6	
1,1,2-Trichloroethane	**<525**	ug/L	1250	525	1250		01/19/10 18:03	79-00-5	
Trichloroethene	**2470**	ug/L	1250	600	1250		01/19/10 18:03	79-01-6	
Trichlorofluoromethane	**<988**	ug/L	1250	988	1250		01/19/10 18:03	75-69-4	
1,2,3-Trichloropropane	**<1240**	ug/L	1250	1240	1250		01/19/10 18:03	96-18-4	
1,2,4-Trimethylbenzene	**<1210**	ug/L	1250	1210	1250		01/19/10 18:03	95-63-6	
1,3,5-Trimethylbenzene	**<1040**	ug/L	1250	1040	1250		01/19/10 18:03	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-9 **Lab ID: 4027563009** Collected: 01/13/10 16:20 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**1730**	ug/L	1250	225	1250		01/19/10 18:03	75-01-4	
m&p-Xylene	**<2250**	ug/L	2500	2250	1250		01/19/10 18:03	1330-20-7	
o-Xylene	**<1040**	ug/L	1250	1040	1250		01/19/10 18:03	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		1250		01/19/10 18:03	460-00-4	
Dibromofluoromethane (S)	86	%	70-130		1250		01/19/10 18:03	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1250		01/19/10 18:03	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-10 **Lab ID: 4027563010** Collected: 01/13/10 11:20 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**2.0J**	ug/L	20.0	1.9	1		01/22/10 11:43	7440-38-2	
Barium, Dissolved	**97.7**	ug/L	5.0	0.092	1		01/22/10 11:43	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:43	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:43	7440-47-3	
Copper, Dissolved	**1.2J**	ug/L	10.0	0.31	1		01/22/10 11:43	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:43	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 11:43	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:26	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	01/20/10 07:30	01/20/10 16:08	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 16:08	208-96-8	
Anthracene	**0.0069J**	ug/L	0.047	0.0057	1	01/20/10 07:30	01/20/10 16:08	120-12-7	
Benzo(a)anthracene	**0.012J**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 16:08	56-55-3	
Benzo(a)pyrene	**0.014J**	ug/L	0.047	0.0029	1	01/20/10 07:30	01/20/10 16:08	50-32-8	
Benzo(b)fluoranthene	**0.017J**	ug/L	0.047	0.0034	1	01/20/10 07:30	01/20/10 16:08	205-99-2	
Benzo(g,h,i)perylene	**0.011J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 16:08	191-24-2	
Benzo(k)fluoranthene	**0.014J**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 16:08	207-08-9	
Chrysene	**0.019J**	ug/L	0.047	0.0035	1	01/20/10 07:30	01/20/10 16:08	218-01-9	
Dibenz(a,h)anthracene	**0.0041J**	ug/L	0.047	0.0032	1	01/20/10 07:30	01/20/10 16:08	53-70-3	
Fluoranthene	**0.031J**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 16:08	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 16:08	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0088J**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 16:08	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	01/20/10 07:30	01/20/10 16:08	90-12-0	
2-Methylnaphthalene	**<0.0039**	ug/L	0.047	0.0039	1	01/20/10 07:30	01/20/10 16:08	91-57-6	
Naphthalene	**0.0049J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 16:08	91-20-3	Z2
Phenanthrene	**0.014J**	ug/L	0.047	0.0081	1	01/20/10 07:30	01/20/10 16:08	85-01-8	
Pyrene	**0.031J**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 16:08	129-00-0	
2-Fluorobiphenyl (S)	41	%	25-130		1	01/20/10 07:30	01/20/10 16:08	321-60-8	
Terphenyl-d14 (S)	91	%	36-140		1	01/20/10 07:30	01/20/10 16:08	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		01/20/10 09:00	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		01/20/10 09:00	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:00	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		01/20/10 09:00	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		01/20/10 09:00	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		01/20/10 09:00	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		01/20/10 09:00	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		01/20/10 09:00	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:00	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		01/20/10 09:00	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		01/20/10 09:00	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:00	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-10 **Lab ID: 4027563010** Collected: 01/13/10 11:20 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/20/10 09:00	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		01/20/10 09:00	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		01/20/10 09:00	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		01/20/10 09:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		01/20/10 09:00	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		01/20/10 09:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		01/20/10 09:00	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		01/20/10 09:00	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 09:00	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		01/20/10 09:00	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		01/20/10 09:00	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		01/20/10 09:00	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		01/20/10 09:00	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		01/20/10 09:00	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		01/20/10 09:00	75-35-4	
cis-1,2-Dichloroethene	**10.4**	ug/L	1.0	0.83	1		01/20/10 09:00	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		01/20/10 09:00	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		01/20/10 09:00	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		01/20/10 09:00	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		01/20/10 09:00	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		01/20/10 09:00	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		01/20/10 09:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		01/20/10 09:00	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		01/20/10 09:00	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		01/20/10 09:00	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		01/20/10 09:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		01/20/10 09:00	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		01/20/10 09:00	99-87-6	
Methylene Chloride	**0.51J**	ug/L	1.0	0.43	1		01/20/10 09:00	75-09-2	Z3
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		01/20/10 09:00	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		01/20/10 09:00	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		01/20/10 09:00	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		01/20/10 09:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		01/20/10 09:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		01/20/10 09:00	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		01/20/10 09:00	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		01/20/10 09:00	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		01/20/10 09:00	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:00	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		01/20/10 09:00	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		01/20/10 09:00	79-00-5	
Trichloroethene	**0.72J**	ug/L	1.0	0.48	1		01/20/10 09:00	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		01/20/10 09:00	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		01/20/10 09:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 09:00	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-10 **Lab ID: 4027563010** Collected: 01/13/10 11:20 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/20/10 09:00	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		01/20/10 09:00	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 09:00	95-47-6	
4-Bromofluorobenzene (S)	86	%	70-130		1		01/20/10 09:00	460-00-4	
Dibromofluoromethane (S)	89	%	70-130		1		01/20/10 09:00	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		01/20/10 09:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-11 **Lab ID: 4027563011** Collected: 01/13/10 10:15 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**1.9J**	ug/L	20.0	1.9	1		01/22/10 11:47	7440-38-2	
Barium, Dissolved	**210**	ug/L	5.0	0.092	1		01/22/10 11:47	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:47	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:47	7440-47-3	
Copper, Dissolved	**1.6J**	ug/L	10.0	0.31	1		01/22/10 11:47	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:47	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 11:47	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:27	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**0.012J**	ug/L	0.047	0.0045	1	01/20/10 07:30	01/20/10 15:51	83-32-9	
Acenaphthylene	**0.0059J**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 15:51	208-96-8	
Anthracene	**0.057**	ug/L	0.047	0.0057	1	01/20/10 07:30	01/20/10 15:51	120-12-7	
Benzo(a)anthracene	**0.16**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 15:51	56-55-3	
Benzo(a)pyrene	**0.17**	ug/L	0.047	0.0029	1	01/20/10 07:30	01/20/10 15:51	50-32-8	
Benzo(b)fluoranthene	**0.19**	ug/L	0.047	0.0034	1	01/20/10 07:30	01/20/10 15:51	205-99-2	
Benzo(g,h,i)perylene	**0.099**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 15:51	191-24-2	
Benzo(k)fluoranthene	**0.14**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 15:51	207-08-9	
Chrysene	**0.19**	ug/L	0.047	0.0035	1	01/20/10 07:30	01/20/10 15:51	218-01-9	
Dibenz(a,h)anthracene	**0.035J**	ug/L	0.047	0.0032	1	01/20/10 07:30	01/20/10 15:51	53-70-3	
Fluoranthene	**0.34**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 15:51	206-44-0	
Fluorene	**0.012J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 15:51	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.084**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 15:51	193-39-5	
1-Methylnaphthalene	**0.0050J**	ug/L	0.047	0.0050	1	01/20/10 07:30	01/20/10 15:51	90-12-0	
2-Methylnaphthalene	**0.0063J**	ug/L	0.047	0.0039	1	01/20/10 07:30	01/20/10 15:51	91-57-6	Z2
Naphthalene	**0.0077J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 15:51	91-20-3	Z2
Phenanthrene	**0.15**	ug/L	0.047	0.0081	1	01/20/10 07:30	01/20/10 15:51	85-01-8	
Pyrene	**0.32**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 15:51	129-00-0	
2-Fluorobiphenyl (S)	47	%	25-130		1	01/20/10 07:30	01/20/10 15:51	321-60-8	
Terphenyl-d14 (S)	86	%	36-140		1	01/20/10 07:30	01/20/10 15:51	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		01/20/10 09:23	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		01/20/10 09:23	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:23	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		01/20/10 09:23	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		01/20/10 09:23	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		01/20/10 09:23	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		01/20/10 09:23	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		01/20/10 09:23	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:23	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		01/20/10 09:23	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		01/20/10 09:23	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:23	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-11 **Lab ID: 4027563011** Collected: 01/13/10 10:15 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/20/10 09:23	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		01/20/10 09:23	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		01/20/10 09:23	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		01/20/10 09:23	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		01/20/10 09:23	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		01/20/10 09:23	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		01/20/10 09:23	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		01/20/10 09:23	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 09:23	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		01/20/10 09:23	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		01/20/10 09:23	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		01/20/10 09:23	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		01/20/10 09:23	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		01/20/10 09:23	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		01/20/10 09:23	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 09:23	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		01/20/10 09:23	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		01/20/10 09:23	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		01/20/10 09:23	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		01/20/10 09:23	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		01/20/10 09:23	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		01/20/10 09:23	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		01/20/10 09:23	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		01/20/10 09:23	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		01/20/10 09:23	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		01/20/10 09:23	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		01/20/10 09:23	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		01/20/10 09:23	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		01/20/10 09:23	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		01/20/10 09:23	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		01/20/10 09:23	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		01/20/10 09:23	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		01/20/10 09:23	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		01/20/10 09:23	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		01/20/10 09:23	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		01/20/10 09:23	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		01/20/10 09:23	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		01/20/10 09:23	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:23	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		01/20/10 09:23	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		01/20/10 09:23	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		01/20/10 09:23	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		01/20/10 09:23	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		01/20/10 09:23	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/20/10 09:23	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 09:23	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-11 **Lab ID: 4027563011** Collected: 01/13/10 10:15 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/20/10 09:23	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		01/20/10 09:23	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		01/20/10 09:23	95-47-6	
4-Bromofluorobenzene (S)	88	%	70-130		1		01/20/10 09:23	460-00-4	
Dibromofluoromethane (S)	86	%	70-130		1		01/20/10 09:23	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		01/20/10 09:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-12 **Lab ID: 4027563012** Collected: 01/13/10 10:43 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**<1.9**	ug/L	20.0	1.9	1		01/22/10 11:51	7440-38-2	
Barium, Dissolved	**65.8**	ug/L	5.0	0.092	1		01/22/10 11:51	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:51	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:51	7440-47-3	
Copper, Dissolved	**1.9J**	ug/L	10.0	0.31	1		01/22/10 11:51	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:51	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 11:51	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:28	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0045**	ug/L	0.047	0.0045	1	01/20/10 07:30	01/20/10 15:33	83-32-9	
Acenaphthylene	**<0.0036**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 15:33	208-96-8	
Anthracene	**0.014J**	ug/L	0.047	0.0057	1	01/20/10 07:30	01/20/10 15:33	120-12-7	
Benzo(a)anthracene	**0.021J**	ug/L	0.047	0.0036	1	01/20/10 07:30	01/20/10 15:33	56-55-3	
Benzo(a)pyrene	**0.022J**	ug/L	0.047	0.0029	1	01/20/10 07:30	01/20/10 15:33	50-32-8	
Benzo(b)fluoranthene	**0.026J**	ug/L	0.047	0.0034	1	01/20/10 07:30	01/20/10 15:33	205-99-2	
Benzo(g,h,i)perylene	**0.017J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 15:33	191-24-2	
Benzo(k)fluoranthene	**0.022J**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 15:33	207-08-9	
Chrysene	**0.028J**	ug/L	0.047	0.0035	1	01/20/10 07:30	01/20/10 15:33	218-01-9	
Dibenz(a,h)anthracene	**0.0049J**	ug/L	0.047	0.0032	1	01/20/10 07:30	01/20/10 15:33	53-70-3	
Fluoranthene	**0.050**	ug/L	0.047	0.0044	1	01/20/10 07:30	01/20/10 15:33	206-44-0	
Fluorene	**<0.0048**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 15:33	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.014J**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 15:33	193-39-5	
1-Methylnaphthalene	**<0.0050**	ug/L	0.047	0.0050	1	01/20/10 07:30	01/20/10 15:33	90-12-0	
2-Methylnaphthalene	**0.0045J**	ug/L	0.047	0.0039	1	01/20/10 07:30	01/20/10 15:33	91-57-6	Z2
Naphthalene	**0.0075J**	ug/L	0.047	0.0048	1	01/20/10 07:30	01/20/10 15:33	91-20-3	Z2
Phenanthrene	**0.024J**	ug/L	0.047	0.0081	1	01/20/10 07:30	01/20/10 15:33	85-01-8	
Pyrene	**0.044J**	ug/L	0.047	0.0047	1	01/20/10 07:30	01/20/10 15:33	129-00-0	
2-Fluorobiphenyl (S)	43	%	25-130		1	01/20/10 07:30	01/20/10 15:33	321-60-8	
Terphenyl-d14 (S)	118	%	36-140		1	01/20/10 07:30	01/20/10 15:33	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		01/19/10 13:24	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		01/19/10 13:24	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:24	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		01/19/10 13:24	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		01/19/10 13:24	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		01/19/10 13:24	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		01/19/10 13:24	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		01/19/10 13:24	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:24	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		01/19/10 13:24	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		01/19/10 13:24	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:24	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-12 **Lab ID: 4027563012** Collected: 01/13/10 10:43 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/19/10 13:24	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		01/19/10 13:24	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		01/19/10 13:24	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		01/19/10 13:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		01/19/10 13:24	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		01/19/10 13:24	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		01/19/10 13:24	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		01/19/10 13:24	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		01/19/10 13:24	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		01/19/10 13:24	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		01/19/10 13:24	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		01/19/10 13:24	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		01/19/10 13:24	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		01/19/10 13:24	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		01/19/10 13:24	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		01/19/10 13:24	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		01/19/10 13:24	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		01/19/10 13:24	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		01/19/10 13:24	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		01/19/10 13:24	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		01/19/10 13:24	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		01/19/10 13:24	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		01/19/10 13:24	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		01/19/10 13:24	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		01/19/10 13:24	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		01/19/10 13:24	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		01/19/10 13:24	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		01/19/10 13:24	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		01/19/10 13:24	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		01/19/10 13:24	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		01/19/10 13:24	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		01/19/10 13:24	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		01/19/10 13:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		01/19/10 13:24	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		01/19/10 13:24	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		01/19/10 13:24	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		01/19/10 13:24	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		01/19/10 13:24	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:24	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		01/19/10 13:24	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		01/19/10 13:24	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		01/19/10 13:24	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		01/19/10 13:24	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		01/19/10 13:24	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		01/19/10 13:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		01/19/10 13:24	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: MW-12 **Lab ID: 4027563012** Collected: 01/13/10 10:43 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/19/10 13:24	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		01/19/10 13:24	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		01/19/10 13:24	95-47-6	
4-Bromofluorobenzene (S)	87	%	70-130		1		01/19/10 13:24	460-00-4	
Dibromofluoromethane (S)	84	%	70-130		1		01/19/10 13:24	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		01/19/10 13:24	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: DUPLICATE **Lab ID: 4027563013** Collected: 01/13/10 00:00 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Arsenic, Dissolved	**<1.9**	ug/L	20.0	1.9	1		01/22/10 11:55	7440-38-2	
Barium, Dissolved	**77.3**	ug/L	5.0	0.092	1		01/22/10 11:55	7440-39-3	
Cadmium, Dissolved	**<0.45**	ug/L	5.0	0.45	1		01/22/10 11:55	7440-43-9	
Chromium, Dissolved	**<0.39**	ug/L	5.0	0.39	1		01/22/10 11:55	7440-47-3	
Copper, Dissolved	**11.0**	ug/L	10.0	0.31	1		01/22/10 11:55	7440-50-8	
Selenium, Dissolved	**<2.5**	ug/L	20.0	2.5	1		01/22/10 11:55	7782-49-2	
Silver, Dissolved	**<0.47**	ug/L	10.0	0.47	1		01/22/10 11:55	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury, Dissolved	**<0.10**	ug/L	0.20	0.10	1	01/25/10 10:05	01/25/10 15:30	7439-97-6	P4
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0046**	ug/L	0.048	0.0046	1	01/20/10 07:30	01/20/10 15:16	83-32-9	
Acenaphthylene	**<0.0037**	ug/L	0.048	0.0037	1	01/20/10 07:30	01/20/10 15:16	208-96-8	
Anthracene	**<0.0058**	ug/L	0.048	0.0058	1	01/20/10 07:30	01/20/10 15:16	120-12-7	
Benzo(a)anthracene	**<0.0037**	ug/L	0.048	0.0037	1	01/20/10 07:30	01/20/10 15:16	56-55-3	
Benzo(a)pyrene	**<0.0029**	ug/L	0.048	0.0029	1	01/20/10 07:30	01/20/10 15:16	50-32-8	
Benzo(b)fluoranthene	**0.0038J**	ug/L	0.048	0.0035	1	01/20/10 07:30	01/20/10 15:16	205-99-2	
Benzo(g,h,i)perylene	**<0.0049**	ug/L	0.048	0.0049	1	01/20/10 07:30	01/20/10 15:16	191-24-2	
Benzo(k)fluoranthene	**<0.0045**	ug/L	0.048	0.0045	1	01/20/10 07:30	01/20/10 15:16	207-08-9	
Chrysene	**0.0037J**	ug/L	0.048	0.0035	1	01/20/10 07:30	01/20/10 15:16	218-01-9	
Dibenz(a,h)anthracene	**<0.0033**	ug/L	0.048	0.0033	1	01/20/10 07:30	01/20/10 15:16	53-70-3	
Fluoranthene	**<0.0045**	ug/L	0.048	0.0045	1	01/20/10 07:30	01/20/10 15:16	206-44-0	
Fluorene	**<0.0049**	ug/L	0.048	0.0049	1	01/20/10 07:30	01/20/10 15:16	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0048**	ug/L	0.048	0.0048	1	01/20/10 07:30	01/20/10 15:16	193-39-5	
1-Methylnaphthalene	**<0.0051**	ug/L	0.048	0.0051	1	01/20/10 07:30	01/20/10 15:16	90-12-0	
2-Methylnaphthalene	**0.0052J**	ug/L	0.048	0.0039	1	01/20/10 07:30	01/20/10 15:16	91-57-6	Z2
Naphthalene	**0.013J**	ug/L	0.048	0.0049	1	01/20/10 07:30	01/20/10 15:16	91-20-3	Z2
Phenanthrene	**<0.0082**	ug/L	0.048	0.0082	1	01/20/10 07:30	01/20/10 15:16	85-01-8	
Pyrene	**<0.0048**	ug/L	0.048	0.0048	1	01/20/10 07:30	01/20/10 15:16	129-00-0	
2-Fluorobiphenyl (S)	41	%	25-130		1	01/20/10 07:30	01/20/10 15:16	321-60-8	
Terphenyl-d14 (S)	110	%	36-140		1	01/20/10 07:30	01/20/10 15:16	1718-51-0	
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<41.0**	ug/L	100	41.0	100		01/20/10 09:47	71-43-2	
Bromobenzene	**<82.0**	ug/L	100	82.0	100		01/20/10 09:47	108-86-1	
Bromochloromethane	**<97.0**	ug/L	100	97.0	100		01/20/10 09:47	74-97-5	
Bromodichloromethane	**<56.0**	ug/L	100	56.0	100		01/20/10 09:47	75-27-4	
Bromoform	**<94.0**	ug/L	100	94.0	100		01/20/10 09:47	75-25-2	
Bromomethane	**<91.0**	ug/L	100	91.0	100		01/20/10 09:47	74-83-9	
n-Butylbenzene	**<93.0**	ug/L	100	93.0	100		01/20/10 09:47	104-51-8	
sec-Butylbenzene	**<89.0**	ug/L	500	89.0	100		01/20/10 09:47	135-98-8	
tert-Butylbenzene	**<97.0**	ug/L	100	97.0	100		01/20/10 09:47	98-06-6	
Carbon tetrachloride	**<49.0**	ug/L	100	49.0	100		01/20/10 09:47	56-23-5	
Chlorobenzene	**<41.0**	ug/L	100	41.0	100		01/20/10 09:47	108-90-7	
Chloroethane	**<97.0**	ug/L	100	97.0	100		01/20/10 09:47	75-00-3	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: DUPLICATE **Lab ID: 4027563013** Collected: 01/13/10 00:00 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**<130**	ug/L	500	130	100		01/20/10 09:47	67-66-3	
Chloromethane	**<24.0**	ug/L	100	24.0	100		01/20/10 09:47	74-87-3	
2-Chlorotoluene	**<85.0**	ug/L	100	85.0	100		01/20/10 09:47	95-49-8	
4-Chlorotoluene	**<74.0**	ug/L	100	74.0	100		01/20/10 09:47	106-43-4	
1,2-Dibromo-3-chloropropane	**<168**	ug/L	500	168	100		01/20/10 09:47	96-12-8	
Dibromochloromethane	**<81.0**	ug/L	100	81.0	100		01/20/10 09:47	124-48-1	
1,2-Dibromoethane (EDB)	**<56.0**	ug/L	100	56.0	100		01/20/10 09:47	106-93-4	
Dibromomethane	**<60.0**	ug/L	100	60.0	100		01/20/10 09:47	74-95-3	
1,2-Dichlorobenzene	**<83.0**	ug/L	100	83.0	100		01/20/10 09:47	95-50-1	
1,3-Dichlorobenzene	**<87.0**	ug/L	100	87.0	100		01/20/10 09:47	541-73-1	
1,4-Dichlorobenzene	**<95.0**	ug/L	100	95.0	100		01/20/10 09:47	106-46-7	
Dichlorodifluoromethane	**<99.0**	ug/L	100	99.0	100		01/20/10 09:47	75-71-8	
1,1-Dichloroethane	**<75.0**	ug/L	100	75.0	100		01/20/10 09:47	75-34-3	
1,2-Dichloroethane	**<36.0**	ug/L	100	36.0	100		01/20/10 09:47	107-06-2	
1,1-Dichloroethene	**<57.0**	ug/L	100	57.0	100		01/20/10 09:47	75-35-4	
cis-1,2-Dichloroethene	**572**	ug/L	100	83.0	100		01/20/10 09:47	156-59-2	
trans-1,2-Dichloroethene	**<89.0**	ug/L	100	89.0	100		01/20/10 09:47	156-60-5	
1,2-Dichloropropane	**<49.0**	ug/L	100	49.0	100		01/20/10 09:47	78-87-5	
1,3-Dichloropropane	**<61.0**	ug/L	100	61.0	100		01/20/10 09:47	142-28-9	
2,2-Dichloropropane	**<62.0**	ug/L	100	62.0	100		01/20/10 09:47	594-20-7	
1,1-Dichloropropene	**<75.0**	ug/L	100	75.0	100		01/20/10 09:47	563-58-6	
cis-1,3-Dichloropropene	**<20.0**	ug/L	100	20.0	100		01/20/10 09:47	10061-01-5	
trans-1,3-Dichloropropene	**<19.0**	ug/L	100	19.0	100		01/20/10 09:47	10061-02-6	
Diisopropyl ether	**<76.0**	ug/L	100	76.0	100		01/20/10 09:47	108-20-3	
Ethylbenzene	**<54.0**	ug/L	100	54.0	100		01/20/10 09:47	100-41-4	
Hexachloro-1,3-butadiene	**<67.0**	ug/L	500	67.0	100		01/20/10 09:47	87-68-3	
Isopropylbenzene (Cumene)	**<59.0**	ug/L	100	59.0	100		01/20/10 09:47	98-82-8	
p-Isopropyltoluene	**<67.0**	ug/L	100	67.0	100		01/20/10 09:47	99-87-6	
Methylene Chloride	**<43.0**	ug/L	100	43.0	100		01/20/10 09:47	75-09-2	
Methyl-tert-butyl ether	**<61.0**	ug/L	100	61.0	100		01/20/10 09:47	1634-04-4	
Naphthalene	**<89.0**	ug/L	500	89.0	100		01/20/10 09:47	91-20-3	
n-Propylbenzene	**<81.0**	ug/L	100	81.0	100		01/20/10 09:47	103-65-1	
Styrene	**<86.0**	ug/L	100	86.0	100		01/20/10 09:47	100-42-5	
1,1,1,2-Tetrachloroethane	**<92.0**	ug/L	100	92.0	100		01/20/10 09:47	630-20-6	
1,1,2,2-Tetrachloroethane	**<20.0**	ug/L	100	20.0	100		01/20/10 09:47	79-34-5	
Tetrachloroethene	**9160**	ug/L	100	45.0	100		01/20/10 09:47	127-18-4	
Toluene	**<67.0**	ug/L	100	67.0	100		01/20/10 09:47	108-88-3	
1,2,3-Trichlorobenzene	**<74.0**	ug/L	100	74.0	100		01/20/10 09:47	87-61-6	
1,2,4-Trichlorobenzene	**<97.0**	ug/L	100	97.0	100		01/20/10 09:47	120-82-1	
1,1,1-Trichloroethane	**<90.0**	ug/L	100	90.0	100		01/20/10 09:47	71-55-6	
1,1,2-Trichloroethane	**<42.0**	ug/L	100	42.0	100		01/20/10 09:47	79-00-5	
Trichloroethene	**340**	ug/L	100	48.0	100		01/20/10 09:47	79-01-6	
Trichlorofluoromethane	**<79.0**	ug/L	100	79.0	100		01/20/10 09:47	75-69-4	
1,2,3-Trichloropropane	**<99.0**	ug/L	100	99.0	100		01/20/10 09:47	96-18-4	
1,2,4-Trimethylbenzene	**<97.0**	ug/L	100	97.0	100		01/20/10 09:47	95-63-6	
1,3,5-Trimethylbenzene	**<83.0**	ug/L	100	83.0	100		01/20/10 09:47	108-67-8	

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ANALYTICAL RESULTS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

Sample: DUPLICATE **Lab ID: 4027563013** Collected: 01/13/10 00:00 Received: 01/15/10 15:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Vinyl chloride	**<18.0**	ug/L	100	18.0	100		01/20/10 09:47	75-01-4	
m&p-Xylene	**<180**	ug/L	200	180	100		01/20/10 09:47	1330-20-7	
o-Xylene	**<83.0**	ug/L	100	83.0	100		01/20/10 09:47	95-47-6	
4-Bromofluorobenzene (S)	84	%	70-130		100		01/20/10 09:47	460-00-4	
Dibromofluoromethane (S)	87	%	70-130		100		01/20/10 09:47	1868-53-7	
Toluene-d8 (S)	88	%	70-130		100		01/20/10 09:47	2037-26-5	

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QUALIFIERS

Project: 15807.3 K+W MANUFACTURING
Pace Project No.: 4027563

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/2366

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSSV/2367

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MERC/1868

[1] The ms/msd for the batch passed QA limits for CVAA 7470; however, the parent sample has to be re-analyzed.

ANALYTE QUALIFIERS

P4 Sample field preservation does not meet EPA or method recommendations for this analysis.

R1 RPD value was outside control limits.

Z2 Analyte present in the associated method blank above the detection limit.

Z3 Methylene chloride is a common laboratory contaminant. Results for this analyte should be considered estimated unless the amount found in the sample is 3 to 5 times higher than that found in the method blank.

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

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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	KPRG
Branch/Location:	BROOKFIELD
Project Contact:	RICH GNAT
Phone:	262-781-0475
Project Number:	15867.3
Project Name:	K+W MANUFACTURING
Project State:	WI
Sampled By (Print):	JOSH DAVENPORT + PATRICK ALLEN/STEW
Sampled By (Sign):	
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	RICH
Mail To Company:	KPRG
Mail To Address:	
Invoice To Contact:	RICH
Invoice To Company:	KPRG
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	Analysis Requested: VOC	PAH	RCRA 8 METALS (6010)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	1/13	2:10	GW	N	B	X	X	X		1-1LAG; 1-500ml*; 3-40ml	
002	MW-2	"	3:00	"	N	A	X	X	X			
003	MW-3	"	1:36	"	N	A	X	X	X			
004	MW-4	1/14	3:40	"	N	A	X	X	X			
005	MW-5	1/13	3:25	"	N	A	X	X	X			
006	MW-6	"	3:50	"	N	A	X	X	X			
007	MW-7	"	2:35	"	N	A	X	X	X			
008	MW-8	"	12:50	"	N	A	X	X	X			
009	MW-9	"	4:20	"	N	A	X	X	X			
010	MW-10	"	11:20	"	N	A	X	X	X			
011	MW-11	"	10:15	"	N	A	X	X	X			
012	MW-12	"	10:43	"	N	A	X	X	X			
013	DUPLICATE	"	—	"	N	A	X	X	X			

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By:	Date/Time:	Received By:	Date/Time:
		1/15 0900	D. Meeks	1/15/10 09:50
Transmit Prelim Rush Results by (complete what you want):	Relinquished By:	Date/Time:	Received By:	Date/Time:
	D. Meeks	1/15/10 15:40	A. Buholz	1/15/10 15:40
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Email #2:				
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Fax:				
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 4027563
Receipt Temp = 4.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 08/14/08

C019a(27Jun2006)

ORIGINAL

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

Pace Analytical

Sample Condition Upon Receipt

Client Name: APRG Project # 4027563

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

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: IR

Type of Ice: (Wet) Blue Dry None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 10.2

Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Optional: Proj. Due Date: Proj. Name:

Person examining contents: Date: 10/15/10 Initials: _____

Temp should be above freezing to 6°C for all sample except Biota.
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.
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	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☑No ☐N/A	11. 1-250mL HNO3 provided for lab filtering. 10/15/10
Sample Labels match COC:	☑Yes ☐No ☐N/A	12. Note on 500mL 10" Lab Filter for metals MRO 1/18
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☑No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: LW **Date:** 1/18/10

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)