



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

SUPPLEMENTAL SITE INVESTIGATION REPORT ADDENDUM #1

March 21, 2012

Mr. Binyoti F. Amungwafor
Wisconsin Department of Natural Resources
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212-0436

VIA Federal Express

KPRG Project 15807.4

Re: K&W Manufacturing Corp. - 8619 W. Lynx Ave., Milwaukee, WI
BRRTS# 02-41-279720, FID# 241813770

Dear Mr. Amungwafor:

KPRG and Associates, Inc. (KPRG) was contracted by K&W Manufacturing Corporation (K&W) in 2007 to assist with completing a site investigation and remediation, as necessary, to comply with Wisconsin Department of Natural Resources (WDNR) requirements. KPRG submitted a Draft Initial Site Investigation Report dated August 30, 2007 which focused on soil impacts and outlined a proposed groundwater investigation to the WDNR for review. The WDNR issued a summary reply letter dated April 7, 2009. KPRG performed the additional site investigation activities outlined in the recommendations and additional work specified in the WDNR letter. The results of the additional investigation were provided in the Supplemental Site Investigation Report, dated April 5, 2010. The site investigation work determined that the primary soil and groundwater impacts associated with this site are tetrachloroethene (PCE) and associated breakdown products of trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC). The contamination is associated with historical spills which occurred prior to 1979 when the property was owned and operated by Carmen Conley, Inc. as a laundry and dry cleaning chemical supply/distribution warehouse. K&W Manufacturing purchased the property circa 1979 and expanded the building to the east over the former Carmen Conley receiving/shipping dock area. The main soil and groundwater impacts (i.e., source area) are beneath this portion of the K&W facility. It is noted that K&W never used chlorinated solvents in their operations.

The results of the supplemental site investigation work recommended the installation of one additional monitoring well to the northwest to complete delineation of groundwater impacts and evaluation of potential migration along the utility corridor to the north of the

facility. The WDNR also requested that the vapor migration pathway be further evaluated. This site investigation addendum documents the following additional work:

- Completion of Extent of Groundwater Impacts to Northwest
- Utility Corridor Pathway Evaluation
- Evaluation of the Vapor Intrusion Pathway

Each is discussed separately below.

It is noted that at the same time of the additional site investigation activities, remediation activities were also initiated. The remediation efforts were focused on the source area and associated groundwater impacts. Remedial activities included a pilot study, one round of chemical oxidation injection within the source area, one round of bio-stimulant injection, and the installation of engineered barriers. A remediation status summary will be issued under separate cover.

Completion of Extent of Groundwater Impacts

The extent of off-site groundwater impacts to the southwest was completed as part of initial site investigation work submitted on April 5, 2010. However, a component of groundwater flow to the west-northwest was identified in that study showing a potential for off-site impacts in that direction. As a result, one additional monitoring well, MW-13, was installed at the location shown on Figure 1. The well was placed down-gradient to the north-west of the site, on the adjacent property, to assist in defining the lateral extent of groundwater impacts in that direction. The soil boring was drilled using the hollow stem auger drilling method and extended to approximately 18 feet below ground surface (bgs). A soil boring log and completed well construction summary are provided in Attachment 1.

The monitoring well was completed, developed and surveyed consistent with the methods described previously in the Supplemental Site Investigation Report.

Water level measurements are summarized on Table 1. The water table beneath the facility generally occurs from approximately 2 to 5 feet bgs during the last three readings. Depth to groundwater at the new well MW-1, down-gradient and off-site, is approximately 6.7 feet bgs. The piezometer PZ-1 was dry and PZ-2 had little water in the well. Near surface groundwater flow appears divergent with flows to the northwest and to the southwest. The flow is apparent on the water table contour map shown on Figure 2.

As part of this additional site investigation, two rounds of groundwater samples were collected from thirteen monitoring wells (MW-1 through MW-13) and one piezometer (PZ-2). The other deep well (PZ-1) was consistently dry and therefore not sampled. The wells were purged and sampled using previously documented procedures. Samples were collected for analysis with dedicated bottom filling bailers. The water was transferred directly into laboratory prepared containers, preserved with hydrochloric acid and placed

on ice. A duplicate sample was collected per round for quality assurance/quality control purposes. All samples were transported under a completed Chain-of-Custody (COC) and delivered to Pace Analytical Services, Inc. for volatile organic compound (VOC) analysis.

The detected VOC data are summarized in Table 2. The table also includes NR140 Enforcement Standard (ES) and Preventative Action Limits (PALs) for comparison purposes. The following observations are made based on the most recent round of data:

- There were no detections in the most recent round for any VOCs in samples at well locations MW-8, MW-11, MW-12 or MW-13. Locations MW-12 and MW-13 define the extent of impacts to the southwest. Location MW-13 defines that extent of impacts to the northwest.
- The ES was exceeded for PCE and/or TCE at well locations MW-1 through MW-7, MW-9 and PZ-2. All of these wells are within or immediately downgradient of the main source area.
- The ES was exceeded for cis-1,2-DCE at well locations MW-1, MW-2, MW-4, MW-5, MW-6, MW-7 and MW-9. All of these wells are within or immediately downgradient of the main source area.
- The ES for VC was exceeded at wells MW-2, MW-7 and MW-9. All of these wells are within or immediately downgradient of the main source area.

A groundwater box-plot contaminant distribution summary map for is included as Figure 3. The analytical data packages are provided in Attachment 2.

As previously noted, remediation efforts have already been initiated within the source area. A chemical oxidation injection was performed in November 2010 and a follow-up Enhanced Reductive Dechlorination (ERD) biostimulant injection was performed in December 2011. The results of the treatments have significantly decreased source zone groundwater impacts as best highlighted by the main source zone well MW-9 which has shown a greater than two order of magnitude decrease in PCE concentrations from 155,000 ug/l in October 2009 to the most recent monitoring result from January 2012 of 1,350 ug/l. Increases in PCE breakdown products of TCE, cis-1,2 (DCE) and VC also document that effectiveness of stimulated ongoing natural reductive dechlorination. A more detailed discussion of remedial action results will be provided under separate cover.

Utility Corridor Pathway Evaluation

The sewer and water subsurface utilities enter off the northwest side of the K&W building (see Figure 1). Due to the above noted newly discovered component of groundwater flow in that direction, the WDNR required an evaluation into whether impacts from the facility may be migrating along the utility corridor along the backfill.

On June 7, 2011, KPRG advanced two soil borings to 10 feet bgs at locations SB-18 and SB-19 shown on Figure 1. The borings were visually logged and field screened for volatile organic vapors using a photoionization detector (PID). In addition, the sewer manhole in the right-of-way was inspected and noted to have water at approximately 7.5 feet bgs flowing east. The borings extended to 10 feet bgs and did not immediately produce any groundwater. There were no elevated PID readings in with the borings. Temporary wells were placed down each borehole and were checked the following day. No groundwater was noted in the wells. The casings were removed and the boreholes properly abandoned.

As a result, based on the lack of elevated PID readings and the fact that there was no groundwater present in either temporary well, it does not appear that the utility corridors are acting as conduits for impacts associated with the subject site.

Evaluation of Soil Vapor Intrusion Pathway

Elevated soil and groundwater impacts beneath the east side of the K&W facility indicate that vapor intrusion may be an issue. However, it was noted in the Supplemental Site Investigation Report 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. The WDNR, however, has still requested that this potential exposure pathway be further evaluated.

KPRG contacted the Wisconsin Department of Health and Family Services (WDHFS) vapor intrusion specialists to discuss the best approach to evaluating this pathway for the subject site. It was determined that the collection of sub-slab vapor samples was not necessary since based on the soil and groundwater impacts beneath the facility it can be assumed that sub-slab vapor samples will exceed established guidelines for PCE and associated breakdown products. The WDHFS recommended collection of ambient air samples over a 24-hour period using Summa Canisters and analyzing for VOCs using analytical method TO15 modified.

KPRG collected four air samples using Summa Canisters with 24-hour flow control valves. Two canisters (8619 indoor-1 and 8619 indoor-2) were placed within the K&W Manufacturing building, one canister (8633 indoor-1) was placed within the adjoining building to the west (former Key Products), and one canister (8619 outdoor-1) was placed outside to the south of the building for control. Canister locations are shown on Figure 4.

The canisters were placed and opened on June 6, 2011 in the morning and retrieved the next day in the afternoon to allow for complete filling of the canisters. All samples were analyzed for the target chlorinated VOCs. The data are summarized in Table 3 and the analytical package is provided in Attachment 2. There were no exceedances for any parameter in any of the samples collected.

CONCLUSIONS

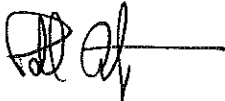
Based on the data and information/discussion provided above, the following conclusions are forwarded:

- The primary site impacts are associated with PCE and its breakdown products of TCE, DCE and VC.
- As part of previous work, the lateral and vertical soil impacts associated with the subject site have been defined.
- The lateral and vertical extent of groundwater VOC impacts has been defined.
- 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 divergent to the southwest and northwest.
- The utility corridor extending to the north is not acting as a conduit for contaminant migration.
- There are no indoor air impacts of any chlorinated VOCs above established standards in either the subject site building or adjacent building to the west beneath which the highest documented groundwater impacts exist.

Based on this additional data, the site investigation is believed complete and no further site investigation work is needed or proposed. Quarterly groundwater monitoring being performed as part of ongoing site remediation activities will continue with the next round of sampling scheduled for April 2012.

KPRG and K&W Manufacturing look forward to continuing to work cooperatively with the WDNR to move this site toward closure. If there are any questions, please contact us at 262-781-0475.

Sincerely,
KPRG and Associates, Inc.



Patrick Allenstein, P.G.
Sr. Geologist



Richard R. Gnat, P.G.
Principal

Attachments

cc: Mr. Greg Krieger, K&W Manufacturing

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		12/22/2010		4/6/2011		6/28/2011		1/16/2012	
			Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	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	4.6	733.54	5.55	732.59	4.19	733.95	2.52	735.62
MW-2	738.89	737.79	1.50	736.29	1.93	735.86	2.73	735.06	3.53	734.26	1.87	735.92	2.29	735.50	2.81	734.98
MW-3	738.85	738.70	2.55	736.15	3.20	735.50	4.00	734.70	3.91	734.79	2.11	736.59	2.47	736.23	1.20	737.50
MW-4	737.36	737.12	4.60	732.52	4.90	732.22	5.04	732.08	5.15	731.97	4.55	732.57	4.86	732.26	4.70	732.42
MW-5	738.04	737.79	2.91	734.88	2.29	735.50	3.16	734.63	3.21	734.58	1.09	736.70	2.47	735.32	2.91	734.88
MW-6	738.85	738.61	3.41	735.20	2.91	735.70	3.80	734.81	3.8	734.81	2.11	736.50	2.65	735.96	3.42	735.19
MW-7	738.29	737.87	2.71	735.16	3.00	734.87	3.25	734.62	3.29	734.58	1.99	735.88	2.73	735.14	2.92	734.95
MW-8	737.99	737.69	14.31	723.38	5.54	732.15	5.31	732.38	5.4	732.29	2.13	735.56	3.33	734.36	3.60	734.09
MW-9	737.04	736.65	9.31	727.34	4.54	732.11	4.90	731.75	5.35	731.30	3.77	732.88	4.03	732.62	4.70	731.95
MW-10	737.72	737.17	7.95	729.22	5.33	731.84	4.61	732.56	4.87	732.30	3.70	733.47	3.76	733.41	4.40	732.77
MW-11	737.42	736.88	8.30	728.58	6.22	730.66	6.00	730.88	5.85	731.03	5.77	731.11	5.62	731.26	5.80	731.08
MW-12	737.51	737.21	3.89	733.32	2.95	734.26	4.90	732.31	3.7	733.51	2.40	734.81	2.94	734.27	3.39	733.82
MW-13	740.39	740.02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	16.43	723.59	6.72	733.30
PZ-1	738.14	737.84	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
PZ-2	738.75	738.20	dry	dry	32.16	706.04	dry	dry	26.48	711.72	27.51	710.69	27.01	711.19	26.60	711.60

Notes: Groundwater elevations are in feet above Mean Sea Level.
Groundwater depth measurements are in feet below Top of Casing.

NI - Not Installed
dry - Well had no measureable groundwater within screen.

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

PARAMETER	SAMPLE ID	DATE	WDR NR 140 Standards		MW-1					MW-2					MW-3					MW-4					MW-5										
			PAL	ES	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	10/08/09	01/14/10	12/22/10*	04/06/11	06/30/11	01/16/12	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	
VOCs																																			
cis-1,2-Dichloroethene			7.0	70	884	1,080	965	1,180	1,260	19,900	1,050	563	<4,150	583	<4.2	7,980	7.3	1.1	1.4	2.0	1.1	0.95 J	1,310	1,870	1,530	1,790	1,980	1,360	530	672	731	365	556	682	
trans-1,2-Dichloroethene			20	100	<222	<222	<222	<222	<222	<222	<22.2	<44.5	<4,450	5.0	<4.4	215	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<178	<356	<356	<356	<356	<356	<35.6	<89.0	<89.0	<89.0	<89.0	<89.0	<44.5
Tetrachloroethene			0.5	5.0	25,400	32,500	28,400	29,100	22,700	9,680	5,500	9,050	<2,250	56	672	856	168	35.3	58.0	80.9	54.5	32.1	45,100	56,200	58,100	58,100	45,500	48,600	9,510	12,900	10,700	5,050	7,660	13,100	
Trichloroethene			0.5	5.0	438	502	552	625	539	2,790	430	339	<2,400	71	<2.4	1,390	11.2	6.9	8.4	4.7	7.7	3.5	2,000	2,350	2,170	2,120	2,230	1,500	341	411	376	184	304	401	
Vinyl Chloride			0.02	0.2	<45.0	<45.0	<45.0	<45.0	<45.0	<45.0	<4.5	<9.0	<900	1.3 J	<0.90	191	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<36	<72.0	<72.0	<72.0	<72.0	<72.0	<7.2	<18.0	<18.0	<18.0	<18.0	<9.0	
NATURAL ATTENUATION PARAMETERS																																			
Ethane			NE	NE	4.0 J	NA	NA	NA	NA	NA	<0.32	NA	NA	NA	NA	NA	<0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene			NE	NE	1.5 J	NA	NA	NA	NA	NA	<0.47	NA	NA	NA	NA	NA	<0.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane			NE	NE	50.8	NA	NA	NA	NA	NA	6.9	NA	NA	NA	NA	NA	<0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (mg/L)			125*	250*	41.5	NA	NA	NA	NA	NA	42.9	NA	NA	NA	NA	NA	37.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOC (mg/L)			NE	NE	1.5 J	NA	NA	NA	NA	NA	4.3	NA	NA	NA	NA	NA	1.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS																																			
Dissolved Oxygen (mg/L)			NE	NE	0.87	0.86	0.74	1.09	0.71	4.12	0.89	0.84	NM	NM	NM	0.77	3.34	0.05	0.58	1.37	0.3	2.88	2.09	0.16	0.17	0.18	0.46	0.75	0.65	0.22	0.64	0.89	0.07	0.81	
Oxidation-Reduction Potential (mV)			NE	NE	84.3	114	-5.5	594.3	31.58	-106.3	90.4	110	NM	NM	NM	7.5	88.7	10.8	-9.6	69.43	-9.83	81	-125.4	18.4	82	28.63	6.86	47	89.9	128	220.5	74.33	41.4	31	

PARAMETER	SAMPLE ID	DATE	WDR NR 140 Standards		MW-6					MW-7					MW-8					MW-9					MW-10										
			PAL	ES	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	10/08/09	01/14/10	12/22/10*	04/06/11	06/30/11	01/16/12	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	
VOCs																																			
cis-1,2-Dichloroethene			7.0	70	4,240	2,010	<4,150	<415	<168	26,400	441	238	272	288	392	238	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	33,700	40,800	<1,660	12,800	32,700	76,600	5.0	10.4	14.3	10.3	13.3	10.7	
trans-1,2-Dichloroethene			20	100	<111	<178	<4,150	<445	<178	595	17.3	7.1	22.5	10.7	12.2	6.3	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<690	<1110	<1,780	317	612	1,130	<0.89	<0.89	1.1	<0.89	0.90 J	<0.89	
Tetrachloroethene			0.5	5.0	10,300	20,000	<2,250	<225	<90	<90	70.9	38.7	99.9	50.4	28.9	28.0	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	155,000	139,000	<900	17,000	16,800	1,350	5.6	<0.45	<0.45	<0.45	<0.45	<0.45	
Trichloroethene			0.5	5.0	3,860	2,310	<2,400	<240	<98	155 J	56	32.9	38.3	34	40.9	27.5	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	2,080	2,470	<960	2,770	13,800	1,200	0.74 J	0.72 J	1.1	1.1	1.3	1.0	
Vinyl Chloride			0.02	0.2	<22.5	<36	<900	<90	<36	<36	10.7	<0.72	2.2 J	<0.45	4.0	2.9	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	1,140	1,730	<360	302	437	257 J	<0.18	<0.18	<0.18	<0.18	<0.18		
NATURAL ATTENUATION PARAMETERS																																			
Ethane			NE	NE	<0.32	NA	NA	NA	NA	NA	<0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethene			NE	NE	<0.47	NA	NA	NA	NA	NA	<0.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methane			NE	NE	<0.93	NA	NA	NA	NA	NA	19.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (mg/L)			125*	250*	80.8	NA	NA	NA	NA	NA	25.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOC (mg/L)			NE	NE	2.6	NA	NA	NA	NA	NA	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS																																			
Dissolved Oxygen (mg/L)			NE	NE	4.2	0.60	NM	NM	1.43	0.33	1.87	0.69	0.9	0.6	0.95	1.43	NM	0.5	0.35	0.74	2.21	0.72	2.9	1.72	NM	NM	0.46	0.13	3.47	0.39	0.52	0.42	0.52	1.43	
Oxidation-Reduction Potential (mV)			NE	NE	89	145	NM	NM	643.1	-72.2	88.3	123	-5.4	68.3	20	45.8	NM	135	12.6	81.1	-30.4	-12.4	108	132	NM	NM	-35.9	-89.1	90.3	128	-7.7	42.3	2.73	47.5	

PARAMETER	SAMPLE ID	DATE	WDR NR 140 Standards		MW-11					MW-12					MW-13		PZ-2									
			PAL	ES	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12	06/30/11	01/16/12	10/08/09	01/13/10	12/22/10*	04/06/11	06/30/11	01/16/12		
VOCs																										
cis-1,2-Dichloroethene			7.0	70	2.4	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	NS-D	NS-D	<0.83	2.3	<0.83	1.3		
trans-1,2-Dichloroethene			20	100	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	NS-D	NS-D	<0.89	<0.89	<0.89	<0.89		
Tetrachloroethene			0.5	5.0	23.3	<0.45	<0.45	<0.45	<0.45	<0.45	1.6	<0.45	<0.45	<0.45	<0.45	0.61 J	<0.45	NS-D	NS-D	19.0	52.7	13	6.4			
Trichloroethene			0.5	5.0	2.2	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	NS-D	NS-D	1.2	2.5	0.74 J	4.7			
Vinyl Chloride			0.02	0.2	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	NS-D	NS-D	<0.18	<0.18	<0.18	<0.18			
NATURAL ATTENUATION PARAMETERS																										
Ethane			NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS-D	NS-D	NA	NA	NA	NA		
Ethene			NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS-D	NS-D	NA	NA	NA	NA		
Methane			NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS-D	NS-D	NA	NA	NA	NA		
Sulfate (mg/L)			125*	250*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS-D	NS-D	NA	NA	NA	NA		
TOC (mg/L)			NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS-D	NS-D	NA	NA	NA	NA		
FIELD PARAMETERS																										
Dissolved Oxygen (mg/L)			NE	NE	2.19	0.33	0.66	0.46	0.44	0.96	3.36	0.68	0.61	0.43	1.91	4.25	4.38	1.44	NS-D	NS-D	0.27	0.41	0.82	0.81		
Oxidation-Reduction Potential (mV)			NE	NE	87.9	167	-15.9	59.53	7.83	16.9	71.9	115	-15.5	64.9	3.63	50.1	23.3	38.8	NS-D	NS-D	-7.4	44.37	-18.4	-91.4		

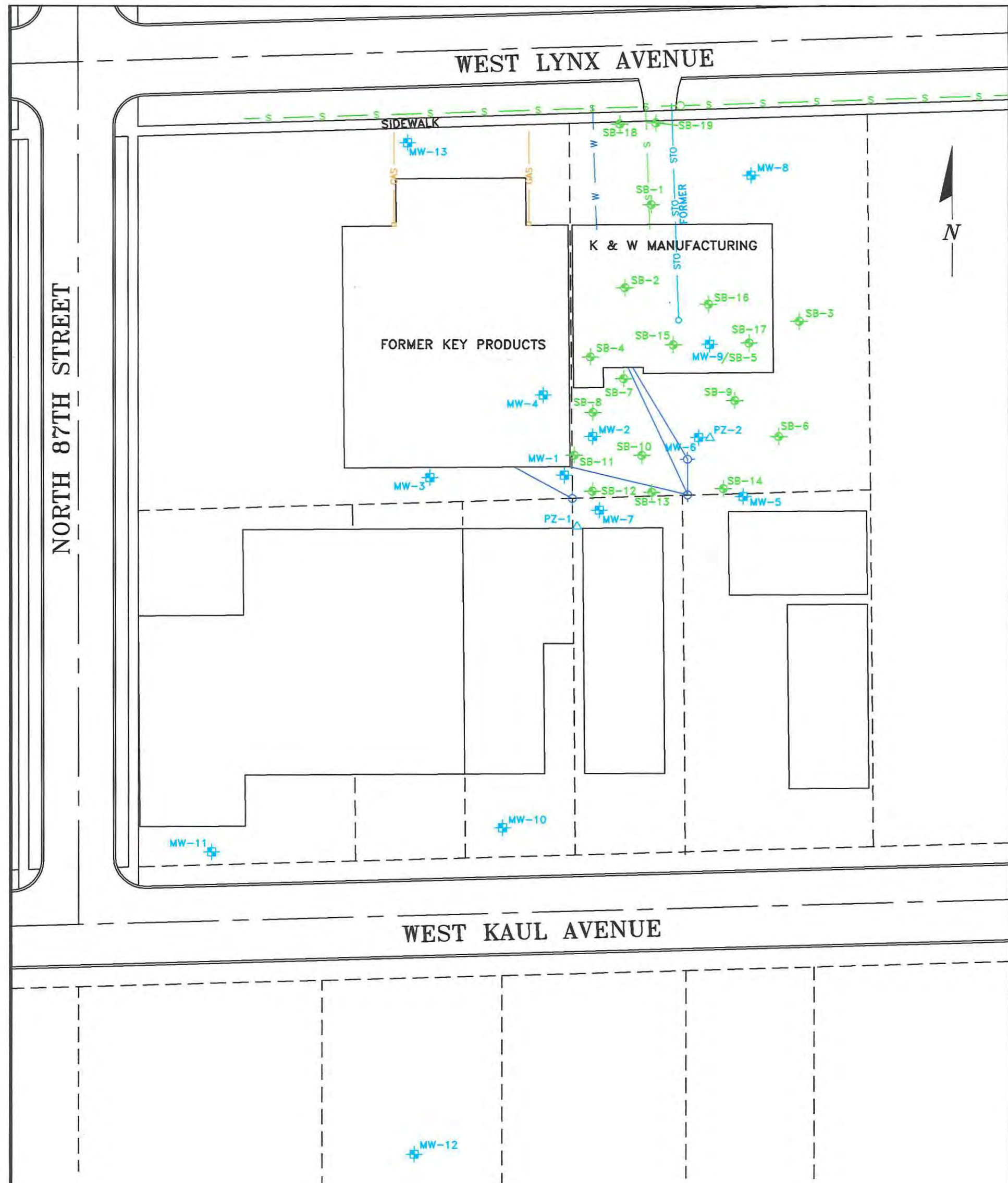
Table 3. Air Sample Analytical Results for Chlorinated VOCs - K&W Manufacturing, Milwaukee, WI

Parameter	Sample ID Date	WDNR Industrial Air Action Level	8619 INDOOR-1 6/8/2011	8619 INDOOR-2 6/8/2011	8633 INDOOR-1 6/8/2011	8619 OUTDOOR-1 6/8/2011
cis-1,2-Dichloroethene		NS	<1.2	<1.1	<1.1	<1.3
trans-1,2-Dichloroethene		2,600	<1.2	<1.1	<1.1	<1.3
Tetrachloroethene		21	<1.1	1.4	<0.95	<1.1
Trichloroethene		61	<0.85	<0.76	<0.76	<0.87
Vinyl Chloride		28	<0.40	<0.36	<0.36	<0.41






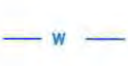



Notes: All values are in ug/m3.

NS - No Standard


FIGURES



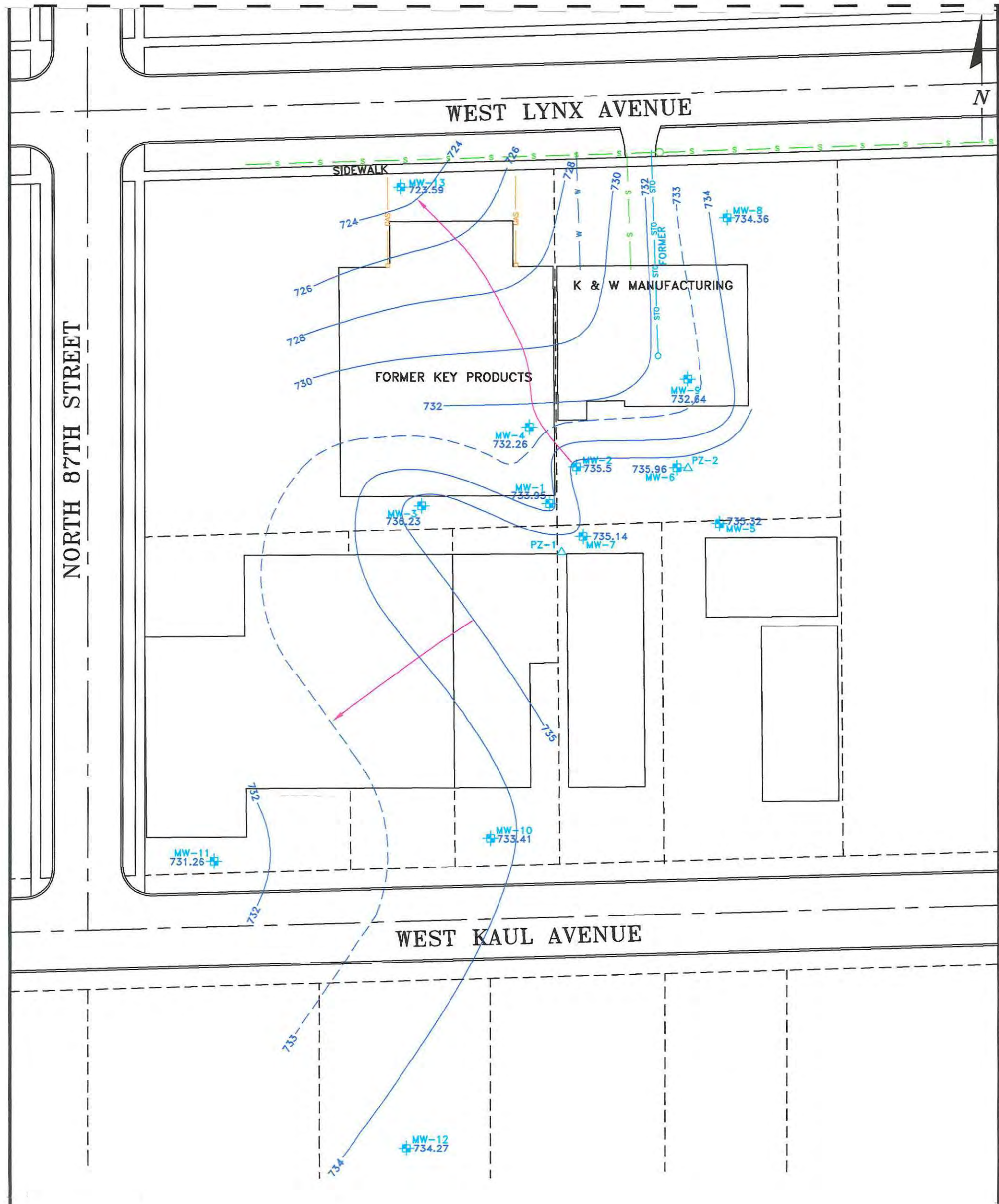
LEGEND

- | | | | | | |
|--|-------------|--|-------------------------|---|-------------------|
|  SB-1 | SOIL BORING |  MW-5 | MONITORING WELL |  | OVERHEAD ELECTRIC |
|  PZ-1 | PIEZOMETER |  | SANITARY SEWER LINE |  | WATER LINE |
| | |  | FORMER STORM SEWER LINE |  | POWER POLE |
| | |  | GAS LINE | | |

0 50'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION		MONITORING WELL AND BORING LOCATION MAP	
 KPRG and Associates, Inc. 14665 West Lisbon Road, Suite 28 Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478 414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593		K & W MANUFACTURING CORP. MILWAUKEE, WISCONSIN	
		Scale: 1" = 50'	Date: March 8, 2012
		KPRG Project No. 15807.4	FIGURE 1

\\a-p\p\p\projects\env\mon\15807.4\supp_sl\eddendum_1\15807.4-Fig_1-well_bo_map.dwg



LEGEND

- w — WATER LINE
- s — SEWER LINE
- ST0 — FORMER STORM SEWER LINE
- 735 GROUNDWATER CONTOUR
- MW-5 MONITORING WELL
- PZ-1 Δ PIEZOMETER

w:\s-285\projects\k&w\mon\15807.4\supp_31\eddendum_1\15807.3-groundwater-contour.dwg



ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, Inc.

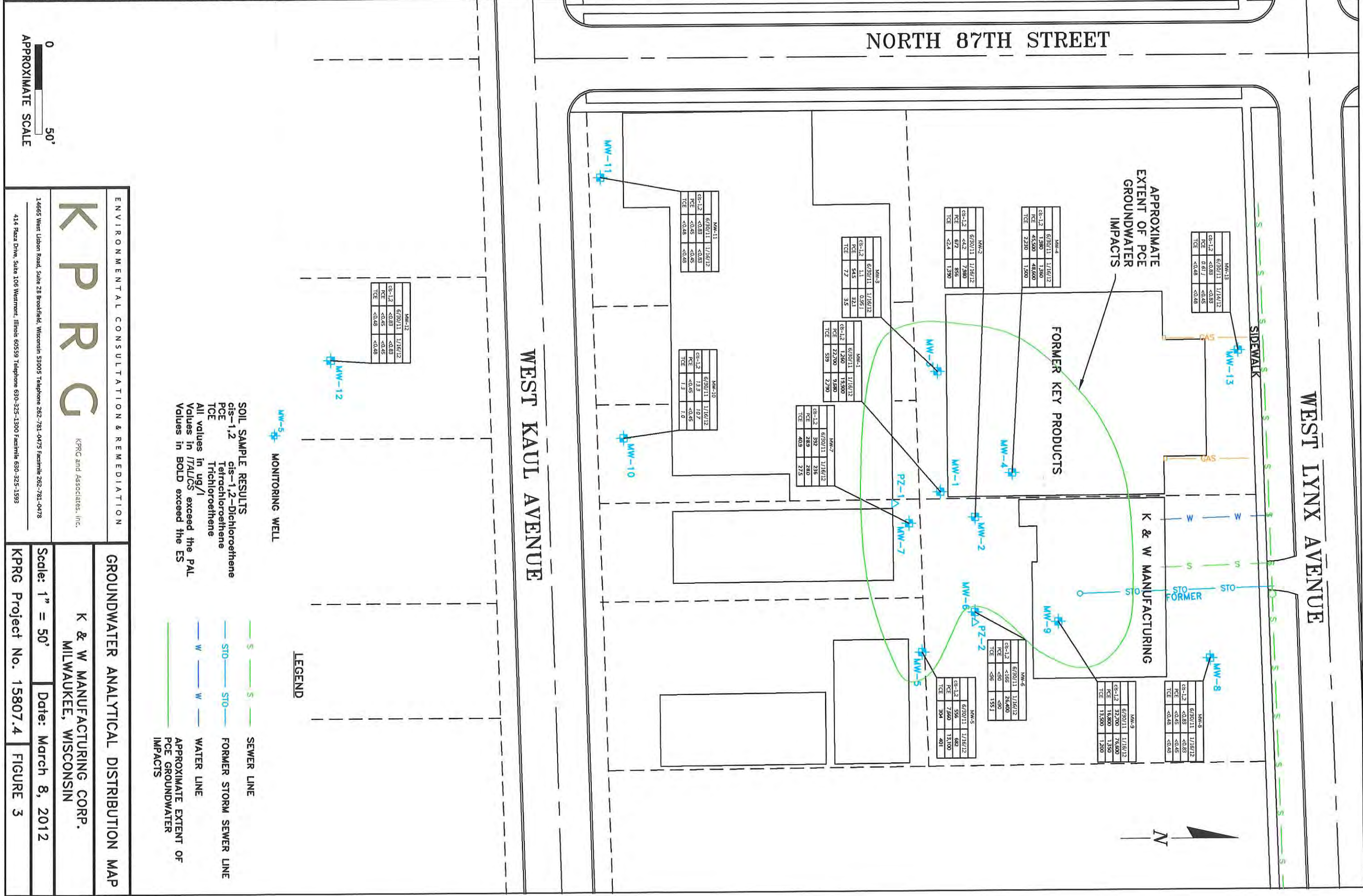
14665 West Lisbon Road, Suite 28 Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

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

GROUNDWATER CONTOUR MAP 6-28-11

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: 1" = 50'	Date: March 8, 2012
KPRG Project No. 15807.4	FIGURE 2



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG

KPRG and Associates, Inc.

14665 West Lisbon Road, Suite 28 Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

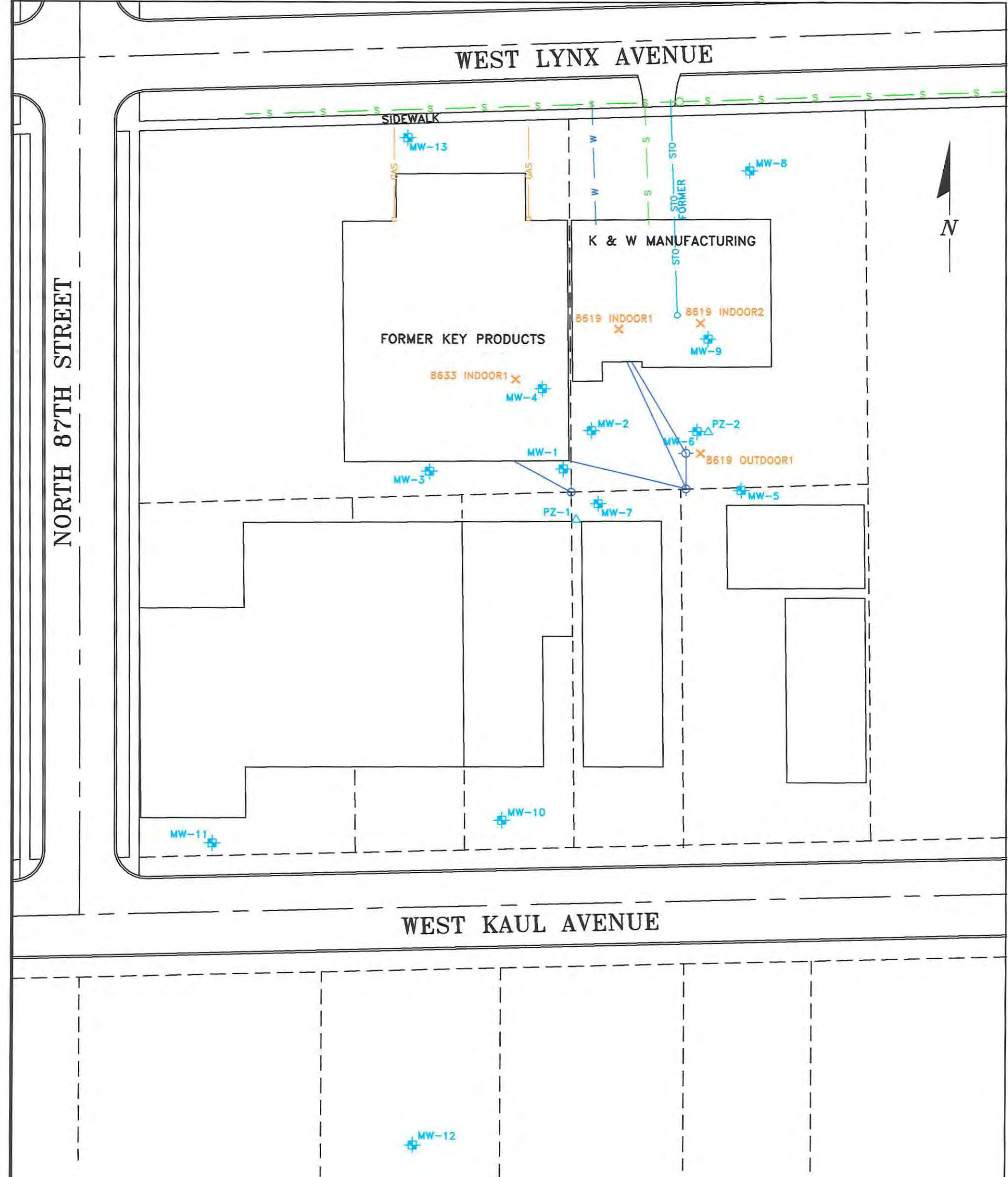
414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

GROUNDWATER ANALYTICAL DISTRIBUTION MAP

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: 1" = 50' Date: March 8, 2012

KPRG Project No. 15807.4 FIGURE 3



LEGEND

- 8619 INDOOR1 X VAPOR SAMPLE
- MW-5 MONITORING WELL
- S — SANITARY SEWER LINE
- STO — FORMER STORM SEWER LINE
- GAS — GAS LINE
- OVERHEAD ELECTRIC
- W — WATER LINE
- ⊙ POWER POLE
- PZ-1 Δ PIEZOMETER

0 50'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION		SUMMA CANISTER LOCATION MAP	
		K & W MANUFACTURING CORP. MILWAUKEE, WISCONSIN	
<small>14665 West Lisbon Road, Suite 28 Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478</small>		Scale: 1" = 50'	Date: March 8, 2012
<small>414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593</small>		KPRG Project No. 15807.4	FIGURE 4

\\s-gp\p\proj\15807\summa\15807_4\summa_con_top_map.dwg

ATTACHMENT 1
**Boring Logs, Well Constructor Reports and Abandonment
Forms**

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

Facility/Project Name K&W Manufacturing		License/Permit/Monitoring Number		Boring Number MW-13	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Tony Last Name: Kapugi Firm: On-site Environmental Services		Date Drilling Started 0 6 0 7 2 0 1 1 m m/ d d/ y y y y y	Date Drilling Completed 0 6 0 7 2 0 1 1 m m/ d d/ y y y y y	Drilling Method Geoprobe/ HSA	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 to 8 inches
Local Grid Origin (estimated:) or Boring Location State Plane SE 1/4 of NW 1/4 of Section 28, T 8 N, R 21 E			Local Grid Location Lat _____ Long _____ Feet _____ N _____ E Feet _____ S _____ W		
Facility ID 241813770	County Milwaukee	County Code 41	Civil Town / City / or Village Milwaukee		

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							RQD / Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
		3.5	3	- 6" of asphalt, wet, tan gravel Dk gray silty cl, rust trace, m/c sand trace, organics				0									
			6	----- Brown and gray mottled clay, organics				0									
		4	9	- Less mottling Brown silty clay, little m sand, some c sand, some rust, some gray wet silty vugs, moist				0									
			12	----- Brown silty clay, trace gray stringers, moist+				0									
		4	15	----- Gray silty clay w/ trace gray gravel, vug with wet light gray silt				0									
				----- - Thin gray silty fine sand seam				0									
				End of Boring at 15 feet.													

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 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. NOTE: See instructions for more information, including where the completed form should be sent.

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

Facility/Project Name K&W Manufacturing		License/Permit/Monitoring Number		Boring Number SB-18	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Tony Last Name: Kapugi Firm: On-site Environmental Services		Date Drilling Started <u>0 6 0 7 2 0 1 1</u> m m/ d d/ y y y y y		Date Drilling Completed <u>0 6 0 7 2 0 1 1</u> m m/ d d/ y y y y y	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 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			Local Grid Location Feet N, E Feet S, W		
Facility ID 241813770	County Milwaukee	County Code 41	Civil Town / City / or Village Milwaukee		

Number	Sample and Type Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties							RQD / Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
			1	- 3" Asphalt and base rock Dark gray silty clay, trace rust, organics, s moist				0									
			2	- Sand/silt/clay/gravel transition Br silty clay, trace rust, organics, c sand, moist-				0									
		4.5	3	- 2" si seam (sand/silty clay)organics, rust traces Lt brwn silty clay, trace c sand, rust traces, occ gray silt lams, moist-				0									
			4	Gray/brown silty clay mottle, trace c sand - 6" tan silty cl w/ gray silt lenses				0									
			5	Brown silty clay, f gravel/c sand, rust traces													
			6	- 2" brown silty layer				0									
			7	Gray silty clay, trace fine gravel, moist				0.1									
			8	Gray clay with light gray silt, moist				0.1									
			9	Light brown si w/ fine sand, moist+				0.1									
			10	End of Boring at 10 feet.													

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 imprisonment 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.

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

Facility/Project Name K&W Manufacturing		License/Permit/Monitoring Number		Boring Number SB-19	
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Tony Last Name: Kapugi Firm: On-site Environmental Services		Date Drilling Started <u>0 6 0 7 2 0 1 1</u> m m / d d / y y y y y y	Date Drilling Completed <u>0 6 0 7 2 0 1 1</u> m m / d d / y y y y y y	Drilling Method Geoprobe	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <u>2</u> inches
Local Grid Origin (estimated:) or Boring Location State Plane <u>SE</u> <u>1/4</u> of <u>NW</u> <u>1/4</u> of Section <u>28</u> , T <u>8</u> N, R <u>21</u> E			Local Grid Location Lat _____ N _____ E Long _____ Feet _____ S _____ Feet _____ W		
Facility ID 241813770	County Milwaukee	County Code 41	Civil Town / City / or Village Milwaukee		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD / Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			1	Asphalt, black & tan sandy gravel, base rock				0							
		3	2	-----											
			3	Dark gray silty clay, trace rust, moist-				0							
			4	-----											
			5	Brown/gray silty clay, trace rust, f gravel, moist-				0							
		4.5	6	-----											
			7	Brown silty clay, rust traces, f gravel, some light gray/white stringers, moist-											
			8	-----				0.3							
			9	Brown silty clay, some gray in seams, trace of m/c sand, moist-											
			10	- Greenish gray silt, trace clay, moist				0.2							
				End of Boring at 10 feet.											

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 imprisonment 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.

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

Facility/Project Name K+W MANUFACTURING	County Name MILWAUKEE	Well Name MW-13
Facility License, Permit or Monitoring Number	County Code 41	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____

3. Time spent developing well _____ min.

4. Depth of well (from top of well casing) 18.1 ft.

5. Inside diameter of well 2 in.

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

7. Volume of water removed from well 5.0 gal.

8. Volume of water added (if any) 4.0 gal.

9. Source of water added TAP

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

17. Additional comments on development:

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>D R Y</u> ft.	<u>6.72</u> ft.
Date	b. <u>06/28/2011</u> m m d d y y y y	<u>01/16/2012</u> m m d d y y y y
Time	c. <u>9:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>9:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u>0.0</u> inches	<u>0.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe) <u>DRY</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>LT BROWN</u>

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

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

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: ADAM Last Name: JAKUBOWSKI
Firm: KPRG AND ASSOCIATES, INC.

Name and Address of Facility Contact /Owner/Responsible Party

First Name: _____ Last Name: _____
Name: _____

Facility/Firm: K+W MANUFACTURING

Street: 8619 W. LYNX RD

City/State/Zip: MILWAUKEE, WI

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

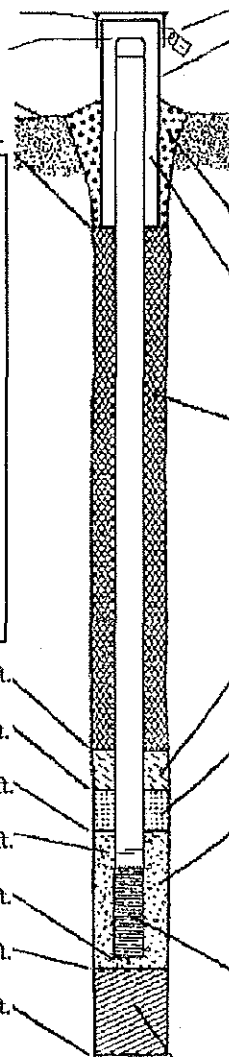
Signature: _____

Print Name: _____

Firm: _____

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

Facility/Project Name K+W Manufacturing		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name MW-13	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID 241813770		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed 06/07/2011 m m d d y y v v y y	
Type of Well Well Code MW/11		Section Location of Waste/Source SE 1/4 of NW 1/4 of Sec. 28, T. 8 N, R. 21 <input type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm Tony Kapugi Onsite Environmental	
Distance from Waste/Source _____ ft.		Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div> <p>E. Bentonite seal, top _____ ft. MSL or 1.5 ft.</p> <p>F. Fine sand, top _____ ft. MSL or 4.5 ft.</p> <p>G. Filter pack, top _____ ft. MSL or 6 ft.</p> <p>H. Screen joint, top _____ ft. MSL or 8 ft.</p> <p>I. Well bottom _____ ft. MSL or 18 ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or 18 ft.</p> <p>K. Borehole, bottom _____ ft. MSL or 18 ft.</p> <p>L. Borehole, diameter 8 in.</p> <p>M. O.D. well casing 2 in.</p> <p>N. I.D. well casing 2 in.</p>	 <p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ 8 in. b. Length: _____ 1 ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/></p> <p>d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>b. Manufacturer _____ c. Slot size: _____ 0.010 in. d. Slotted length: _____ 10 ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/></p>
--	--

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.

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 **2. Facility / Owner Information**

WI Unique Well No.	DNR Well ID No.	County <u>Milwaukee</u>	Facility Name <u>K+W Manufacturing</u>
Common Well Name <u>SB-18</u>		Gov't Lot # (if applicable)	License/Permit/Monitoring No.
1/4 1/4 <u>SW</u>	1/4 <u>NE</u>	Section <u>28</u>	Township <u>8 N</u>
Well Location <input type="checkbox"/> R. / <input checked="" type="checkbox"/> M. (Local Grid <input type="checkbox"/>)		Range <u>21</u>	Zone <input checked="" type="checkbox"/> E <input type="checkbox"/> W
Datum		Street Address of Well <u>8619 W. Lynx Ave.</u>	
Zone <input type="checkbox"/> N / <input type="checkbox"/> S <input type="checkbox"/> E / <input type="checkbox"/> W		City, Village or Town	
WTM- <input type="checkbox"/> UTM- <input type="checkbox"/> Latitude/Longitude- <input type="checkbox"/> State Plane- <input type="checkbox"/> <input type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N		Present Well Owner	
Local Grid Origin <input type="checkbox"/> R. / <input checked="" type="checkbox"/> M. Datum		Original Well Owner	
Zone <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E / <input type="checkbox"/> W		Street Address or Route of Present Owner	
WTM- <input type="checkbox"/> UTM- <input type="checkbox"/> Latitude/Longitude- <input type="checkbox"/> State Plane- <input type="checkbox"/> <input type="checkbox"/> S <input type="checkbox"/> C <input type="checkbox"/> N		City <u>Milwaukee</u>	
Reason For Abandonment <u>Soil boring</u>		State <u>WI</u>	
WI Unique Well No. of Replacement Well		ZIP Code	

3. Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date <u>06/07/2011</u> If a Well Construction Report is available, please attach.	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Geoprobe</u>		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Sealing Materials <input type="checkbox"/> Neal Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips	
Total Well Depth From Groundsurface (ft.) <u>10</u>		Casing Diameter (in.) _____	
Lower Drillhole Diameter (in.) <u>2</u>		Casing Depth (ft.) _____	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
If yes, to what depth (feet)? _____		Depth to Water (feet) _____	

5. Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Chipped Bentonite</u>	Surface	<u>10</u>		

6. Comments

7. Supervision of Work		DNR Use Only	
Name of Person or Firm Doing Sealing Work <u>Onsite Environmental</u>	Date of Abandonment <u>06/07/2011</u>	Date Received	Noted By
Street or Route	Telephone Number ()	Comments	
City <u>Sun Prairie</u>	State <u>WI</u>	ZIP Code	Signature of Person Doing Work
			Date Signed

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 **2. Facility / Owner Information**

WI Unique Well No. _____		DNR Well ID No. _____		County Milwaukee		Facility Name K+W Manufacturing	
Common Well Name SB-19				Gov't Lot # (if applicable) _____		Facility ID _____ License/Permit/Monitoring No _____ City, Village or Town _____	
1/4	1/4	Section 28	Township S	Range 21	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Street Address of Well 8619 W. Lynx Ave.	
Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W				<input type="checkbox"/> Local Grid Origin <input type="checkbox"/> (estimated) OR <input type="checkbox"/> Well Location		Present Well Owner _____ Original Well Owner _____	
Latitude: DEG MIN SEC		Longitude: DEG MIN SEC		City Milwaukee		State WI ZIP Code _____	

Reason For Abandonment **Soil boring** WI Unique Well No. of Replacement Well _____

3. Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well		Original Construction Date 06/07/2011		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		<input checked="" type="checkbox"/> Other (specify): Geoprobe		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type:		<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Groundsurface (ft.) 10		Casing Diameter (in.) _____		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.) _____		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown				If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
If yes, to what depth (feet)? _____		Depth to Water (feet) _____		Required Method of Placing Sealing Material	
				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
				Sealing Materials	
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "	
				<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:	
				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> 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
Surface	10		

6. Comments

7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Sealing Work On-site Environmental		Date of Abandonment 06/07/2011		Date Received		Noted By	
Street or Route		Telephone Number ()		Comments			

City **Sun Prairie** State **WI** ZIP Code _____ Signature of Person Doing Work _____ Date Signed _____

ATTACHMENT 2
Analytical Data Packages

Data is double-sided.

January 23, 2012

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

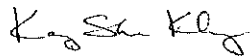
RE: Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

Dear Rich Gnat:

Enclosed are the analytical results for sample(s) received by the laboratory on January 19, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Kang Khang for
Laurie Woelfel
laurie.woelfel@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888

North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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SAMPLE SUMMARY

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4055946001	MW-1	Water	01/17/12 10:45	01/19/12 09:15
4055946002	MW-2	Water	01/17/12 08:30	01/19/12 09:15
4055946003	MW-3	Water	01/16/12 14:47	01/19/12 09:15
4055946004	MW-4	Water	01/17/12 12:12	01/19/12 09:15
4055946005	MW-5	Water	01/17/12 09:30	01/19/12 09:15
4055946006	MW-6	Water	01/16/12 16:45	01/19/12 09:15
4055946007	MW-7	Water	01/16/12 15:22	01/19/12 09:15
4055946008	MW-8	Water	01/16/12 12:55	01/19/12 09:15
4055946009	MW-9	Water	01/17/12 13:06	01/19/12 09:15
4055946010	MW-10	Water	01/16/12 11:10	01/19/12 09:15
4055946011	MW-11	Water	01/16/12 09:50	01/19/12 09:15
4055946012	MW-12	Water	01/16/12 10:30	01/19/12 09:15
4055946013	MW-13	Water	01/16/12 12:10	01/19/12 09:15
4055946014	PZ-2	Water	01/16/12 15:55	01/19/12 09:15
4055946015	TRIP BLANK	Water	01/16/12 00:00	01/19/12 09:15

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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4055946001	MW-1	EPA 8260	SMT	64	PASI-G
4055946002	MW-2	EPA 8260	SMT	64	PASI-G
4055946003	MW-3	EPA 8260	SMT	64	PASI-G
4055946004	MW-4	EPA 8260	SMT	64	PASI-G
4055946005	MW-5	EPA 8260	SMT	64	PASI-G
4055946006	MW-6	EPA 8260	SMT	64	PASI-G
4055946007	MW-7	EPA 8260	SMT	64	PASI-G
4055946008	MW-8	EPA 8260	SMT	64	PASI-G
4055946009	MW-9	EPA 8260	JJB	64	PASI-G
4055946010	MW-10	EPA 8260	SMT	64	PASI-G
4055946011	MW-11	EPA 8260	SMT	64	PASI-G
4055946012	MW-12	EPA 8260	SMT	64	PASI-G
4055946013	MW-13	EPA 8260	SMT	64	PASI-G
4055946014	PZ-2	EPA 8260	SMT	64	PASI-G
4055946015	TRIP BLANK	EPA 8260	SMT	64	PASI-G

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-1 Lab ID: 4055946001 Collected: 01/17/12 10:45 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<102 ug/L		250	102	250		01/20/12 14:56	71-43-2	
Bromobenzene	<205 ug/L		250	205	250		01/20/12 14:56	108-86-1	
Bromochloromethane	<242 ug/L		250	242	250		01/20/12 14:56	74-97-5	
Bromodichloromethane	<140 ug/L		250	140	250		01/20/12 14:56	75-27-4	
Bromoform	<235 ug/L		250	235	250		01/20/12 14:56	75-25-2	
Bromomethane	<228 ug/L		250	228	250		01/20/12 14:56	74-83-9	
n-Butylbenzene	<232 ug/L		250	232	250		01/20/12 14:56	104-51-8	
sec-Butylbenzene	<222 ug/L		1250	222	250		01/20/12 14:56	135-98-8	
tert-Butylbenzene	<242 ug/L		250	242	250		01/20/12 14:56	98-06-6	
Carbon tetrachloride	<122 ug/L		250	122	250		01/20/12 14:56	56-23-5	
Chlorobenzene	<102 ug/L		250	102	250		01/20/12 14:56	108-90-7	
Chloroethane	<242 ug/L		250	242	250		01/20/12 14:56	75-00-3	
Chloroform	<325 ug/L		1250	325	250		01/20/12 14:56	67-66-3	
Chloromethane	<60.0 ug/L		250	60.0	250		01/20/12 14:56	74-87-3	
2-Chlorotoluene	<212 ug/L		250	212	250		01/20/12 14:56	95-49-8	
4-Chlorotoluene	<185 ug/L		250	185	250		01/20/12 14:56	106-43-4	
1,2-Dibromo-3-chloropropane	<420 ug/L		1250	420	250		01/20/12 14:56	96-12-8	
Dibromochloromethane	<202 ug/L		250	202	250		01/20/12 14:56	124-48-1	
1,2-Dibromoethane (EDB)	<140 ug/L		250	140	250		01/20/12 14:56	106-93-4	
Dibromomethane	<150 ug/L		250	150	250		01/20/12 14:56	74-95-3	
1,2-Dichlorobenzene	<208 ug/L		250	208	250		01/20/12 14:56	95-50-1	
1,3-Dichlorobenzene	<218 ug/L		250	218	250		01/20/12 14:56	541-73-1	
1,4-Dichlorobenzene	<238 ug/L		250	238	250		01/20/12 14:56	106-46-7	
Dichlorodifluoromethane	<248 ug/L		250	248	250		01/20/12 14:56	75-71-8	
1,1-Dichloroethane	<188 ug/L		250	188	250		01/20/12 14:56	75-34-3	
1,2-Dichloroethane	<90.0 ug/L		250	90.0	250		01/20/12 14:56	107-06-2	
1,1-Dichloroethene	<142 ug/L		250	142	250		01/20/12 14:56	75-35-4	
cis-1,2-Dichloroethene	19900 ug/L		250	208	250		01/20/12 14:56	156-59-2	
trans-1,2-Dichloroethene	<222 ug/L		250	222	250		01/20/12 14:56	156-60-5	
1,2-Dichloropropane	<122 ug/L		250	122	250		01/20/12 14:56	78-87-5	
1,3-Dichloropropane	<152 ug/L		250	152	250		01/20/12 14:56	142-28-9	
2,2-Dichloropropane	<155 ug/L		250	155	250		01/20/12 14:56	594-20-7	
1,1-Dichloropropene	<188 ug/L		250	188	250		01/20/12 14:56	563-58-6	
cis-1,3-Dichloropropene	<50.0 ug/L		250	50.0	250		01/20/12 14:56	10061-01-5	
trans-1,3-Dichloropropene	<47.5 ug/L		250	47.5	250		01/20/12 14:56	10061-02-6	
Diisopropyl ether	<190 ug/L		250	190	250		01/20/12 14:56	108-20-3	
Ethylbenzene	<135 ug/L		250	135	250		01/20/12 14:56	100-41-4	
Hexachloro-1,3-butadiene	<168 ug/L		1250	168	250		01/20/12 14:56	87-68-3	
Isopropylbenzene (Cumene)	<148 ug/L		250	148	250		01/20/12 14:56	98-82-8	
p-Isopropyltoluene	<168 ug/L		250	168	250		01/20/12 14:56	99-87-6	
Methylene Chloride	<108 ug/L		250	108	250		01/20/12 14:56	75-09-2	
Methyl-tert-butyl ether	<152 ug/L		250	152	250		01/20/12 14:56	1634-04-4	
Naphthalene	<222 ug/L		1250	222	250		01/20/12 14:56	91-20-3	
n-Propylbenzene	<202 ug/L		250	202	250		01/20/12 14:56	103-65-1	
Styrene	<215 ug/L		250	215	250		01/20/12 14:56	100-42-5	
1,1,1,2-Tetrachloroethane	<230 ug/L		250	230	250		01/20/12 14:56	630-20-6	

Date: 01/23/2012 03:33 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-1 Lab ID: 4055946001 Collected: 01/17/12 10:45 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<50.0	ug/L	250	50.0	250		01/20/12 14:56	79-34-5	
Tetrachloroethene	9680	ug/L	250	112	250		01/20/12 14:56	127-18-4	
Toluene	<168	ug/L	250	168	250		01/20/12 14:56	108-88-3	
1,2,3-Trichlorobenzene	<185	ug/L	250	185	250		01/20/12 14:56	87-61-6	
1,2,4-Trichlorobenzene	<242	ug/L	1250	242	250		01/20/12 14:56	120-82-1	
1,1,1-Trichloroethane	<225	ug/L	250	225	250		01/20/12 14:56	71-55-6	
1,1,2-Trichloroethane	<105	ug/L	250	105	250		01/20/12 14:56	79-00-5	
Trichloroethene	2790	ug/L	250	120	250		01/20/12 14:56	79-01-6	
Trichlorofluoromethane	<198	ug/L	250	198	250		01/20/12 14:56	75-69-4	
1,2,3-Trichloropropane	<248	ug/L	250	248	250		01/20/12 14:56	96-18-4	
1,2,4-Trimethylbenzene	<242	ug/L	250	242	250		01/20/12 14:56	95-63-6	
1,3,5-Trimethylbenzene	<208	ug/L	250	208	250		01/20/12 14:56	108-67-8	
Vinyl chloride	<45.0	ug/L	250	45.0	250		01/20/12 14:56	75-01-4	
m&p-Xylene	<450	ug/L	500	450	250		01/20/12 14:56	179601-23-1	
o-Xylene	<208	ug/L	250	208	250		01/20/12 14:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		250		01/20/12 14:56	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		250		01/20/12 14:56	1868-53-7	
Toluene-d8 (S)	100	%	70-130		250		01/20/12 14:56	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-2 Lab ID: 4055946002 Collected: 01/17/12 08:30 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	<20.5	ug/L	50.0	20.5	50		01/20/12 15:19	71-43-2	
Bromobenzene	<41.0	ug/L	50.0	41.0	50		01/20/12 15:19	108-86-1	
Bromochloromethane	<48.5	ug/L	50.0	48.5	50		01/20/12 15:19	74-97-5	
Bromodichloromethane	<28.0	ug/L	50.0	28.0	50		01/20/12 15:19	75-27-4	
Bromoform	<47.0	ug/L	50.0	47.0	50		01/20/12 15:19	75-25-2	
Bromomethane	<45.5	ug/L	50.0	45.5	50		01/20/12 15:19	74-83-9	
n-Butylbenzene	<46.5	ug/L	50.0	46.5	50		01/20/12 15:19	104-51-8	
sec-Butylbenzene	<44.5	ug/L	250	44.5	50		01/20/12 15:19	135-98-8	
tert-Butylbenzene	<48.5	ug/L	50.0	48.5	50		01/20/12 15:19	98-06-6	
Carbon tetrachloride	<24.5	ug/L	50.0	24.5	50		01/20/12 15:19	56-23-5	
Chlorobenzene	<20.5	ug/L	50.0	20.5	50		01/20/12 15:19	108-90-7	
Chloroethane	<48.5	ug/L	50.0	48.5	50		01/20/12 15:19	75-00-3	
Chloroform	<65.0	ug/L	250	65.0	50		01/20/12 15:19	67-66-3	
Chloromethane	<12.0	ug/L	50.0	12.0	50		01/20/12 15:19	74-87-3	
2-Chlorotoluene	<42.5	ug/L	50.0	42.5	50		01/20/12 15:19	95-49-8	
4-Chlorotoluene	<37.0	ug/L	50.0	37.0	50		01/20/12 15:19	106-43-4	
1,2-Dibromo-3-chloropropane	<84.0	ug/L	250	84.0	50		01/20/12 15:19	96-12-8	
Dibromochloromethane	<40.5	ug/L	50.0	40.5	50		01/20/12 15:19	124-48-1	
1,2-Dibromoethane (EDB)	<28.0	ug/L	50.0	28.0	50		01/20/12 15:19	106-93-4	
Dibromomethane	<30.0	ug/L	50.0	30.0	50		01/20/12 15:19	74-95-3	
1,2-Dichlorobenzene	<41.5	ug/L	50.0	41.5	50		01/20/12 15:19	95-50-1	
1,3-Dichlorobenzene	<43.5	ug/L	50.0	43.5	50		01/20/12 15:19	541-73-1	
1,4-Dichlorobenzene	<47.5	ug/L	50.0	47.5	50		01/20/12 15:19	106-46-7	
Dichlorodifluoromethane	<49.5	ug/L	50.0	49.5	50		01/20/12 15:19	75-71-8	
1,1-Dichloroethane	<37.5	ug/L	50.0	37.5	50		01/20/12 15:19	75-34-3	
1,2-Dichloroethane	<18.0	ug/L	50.0	18.0	50		01/20/12 15:19	107-06-2	
1,1-Dichloroethene	<28.5	ug/L	50.0	28.5	50		01/20/12 15:19	75-35-4	
cis-1,2-Dichloroethene	7980	ug/L	50.0	41.5	50		01/20/12 15:19	156-59-2	
trans-1,2-Dichloroethene	215	ug/L	50.0	44.5	50		01/20/12 15:19	156-60-5	
1,2-Dichloropropane	<24.5	ug/L	50.0	24.5	50		01/20/12 15:19	78-87-5	
1,3-Dichloropropane	<30.5	ug/L	50.0	30.5	50		01/20/12 15:19	142-28-9	
2,2-Dichloropropane	<31.0	ug/L	50.0	31.0	50		01/20/12 15:19	594-20-7	
1,1-Dichloropropene	<37.5	ug/L	50.0	37.5	50		01/20/12 15:19	563-58-6	
cis-1,3-Dichloropropene	<10.0	ug/L	50.0	10.0	50		01/20/12 15:19	10061-01-5	
trans-1,3-Dichloropropene	<9.5	ug/L	50.0	9.5	50		01/20/12 15:19	10061-02-6	
Diisopropyl ether	<38.0	ug/L	50.0	38.0	50		01/20/12 15:19	108-20-3	
Ethylbenzene	<27.0	ug/L	50.0	27.0	50		01/20/12 15:19	100-41-4	
Hexachloro-1,3-butadiene	<33.5	ug/L	250	33.5	50		01/20/12 15:19	87-68-3	
Isopropylbenzene (Cumene)	<29.5	ug/L	50.0	29.5	50		01/20/12 15:19	98-82-8	
p-Isopropyltoluene	<33.5	ug/L	50.0	33.5	50		01/20/12 15:19	99-87-6	
Methylene Chloride	<21.5	ug/L	50.0	21.5	50		01/20/12 15:19	75-09-2	
Methyl-tert-butyl ether	<30.5	ug/L	50.0	30.5	50		01/20/12 15:19	1634-04-4	
Naphthalene	<44.5	ug/L	250	44.5	50		01/20/12 15:19	91-20-3	
n-Propylbenzene	<40.5	ug/L	50.0	40.5	50		01/20/12 15:19	103-65-1	
Styrene	<43.0	ug/L	50.0	43.0	50		01/20/12 15:19	100-42-5	
1,1,1,2-Tetrachloroethane	<46.0	ug/L	50.0	46.0	50		01/20/12 15:19	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-2 Lab ID: 4055946002 Collected: 01/17/12 08:30 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<10.0	ug/L	50.0	10.0	50		01/20/12 15:19	79-34-5	
Tetrachloroethene	856	ug/L	50.0	22.5	50		01/20/12 15:19	127-18-4	
Toluene	<33.5	ug/L	50.0	33.5	50		01/20/12 15:19	108-88-3	
1,2,3-Trichlorobenzene	<37.0	ug/L	50.0	37.0	50		01/20/12 15:19	87-61-6	
1,2,4-Trichlorobenzene	<48.5	ug/L	250	48.5	50		01/20/12 15:19	120-82-1	
1,1,1-Trichloroethane	<45.0	ug/L	50.0	45.0	50		01/20/12 15:19	71-55-6	
1,1,2-Trichloroethane	<21.0	ug/L	50.0	21.0	50		01/20/12 15:19	79-00-5	
Trichloroethene	1390	ug/L	50.0	24.0	50		01/20/12 15:19	79-01-6	
Trichlorofluoromethane	<39.5	ug/L	50.0	39.5	50		01/20/12 15:19	75-69-4	
1,2,3-Trichloropropane	<49.5	ug/L	50.0	49.5	50		01/20/12 15:19	96-18-4	
1,2,4-Trimethylbenzene	<48.5	ug/L	50.0	48.5	50		01/20/12 15:19	95-63-6	
1,3,5-Trimethylbenzene	<41.5	ug/L	50.0	41.5	50		01/20/12 15:19	108-67-8	
Vinyl chloride	191	ug/L	50.0	9.0	50		01/20/12 15:19	75-01-4	
m&p-Xylene	<90.0	ug/L	100	90.0	50		01/20/12 15:19	179601-23-1	
o-Xylene	<41.5	ug/L	50.0	41.5	50		01/20/12 15:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		50		01/20/12 15:19	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		50		01/20/12 15:19	1868-53-7	pH
Toluene-d8 (S)	100	%	70-130		50		01/20/12 15:19	2037-26-5	

ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

Sample: MW-3 Lab ID: 4055946003 Collected: 01/16/12 14:47 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41	ug/L	1.0	0.41	1		01/20/12 13:25	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		01/20/12 13:25	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		01/20/12 13:25	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		01/20/12 13:25	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		01/20/12 13:25	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		01/20/12 13:25	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		01/20/12 13:25	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		01/20/12 13:25	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 13:25	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		01/20/12 13:25	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		01/20/12 13:25	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		01/20/12 13:25	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/20/12 13:25	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		01/20/12 13:25	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		01/20/12 13:25	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		01/20/12 13:25	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		01/20/12 13:25	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		01/20/12 13:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		01/20/12 13:25	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		01/20/12 13:25	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 13:25	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		01/20/12 13:25	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		01/20/12 13:25	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		01/20/12 13:25	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		01/20/12 13:25	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		01/20/12 13:25	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		01/20/12 13:25	75-35-4	
cis-1,2-Dichloroethene	0.95J	ug/L	1.0	0.83	1		01/20/12 13:25	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		01/20/12 13:25	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		01/20/12 13:25	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		01/20/12 13:25	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		01/20/12 13:25	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		01/20/12 13:25	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		01/20/12 13:25	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		01/20/12 13:25	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		01/20/12 13:25	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		01/20/12 13:25	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		01/20/12 13:25	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		01/20/12 13:25	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		01/20/12 13:25	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		01/20/12 13:25	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		01/20/12 13:25	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		01/20/12 13:25	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		01/20/12 13:25	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		01/20/12 13:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		01/20/12 13:25	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-3 Lab ID: 4055946003 Collected: 01/16/12 14:47 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		01/20/12 13:25	79-34-5	
Tetrachloroethene	32.1	ug/L	1.0	0.45	1		01/20/12 13:25	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		01/20/12 13:25	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		01/20/12 13:25	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	5.0	0.97	1		01/20/12 13:25	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		01/20/12 13:25	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		01/20/12 13:25	79-00-5	
Trichloroethene	3.5	ug/L	1.0	0.48	1		01/20/12 13:25	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		01/20/12 13:25	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		01/20/12 13:25	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 13:25	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 13:25	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		01/20/12 13:25	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		01/20/12 13:25	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		01/20/12 13:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		01/20/12 13:25	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		01/20/12 13:25	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		01/20/12 13:25	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-4 Lab ID: 4055946004 Collected: 01/17/12 12:12 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<164	ug/L	400	164	400		01/20/12 15:42	71-43-2	
Bromobenzene	<328	ug/L	400	328	400		01/20/12 15:42	108-86-1	
Bromochloromethane	<388	ug/L	400	388	400		01/20/12 15:42	74-97-5	
Bromodichloromethane	<224	ug/L	400	224	400		01/20/12 15:42	75-27-4	
Bromoform	<376	ug/L	400	376	400		01/20/12 15:42	75-25-2	
Bromomethane	<364	ug/L	400	364	400		01/20/12 15:42	74-83-9	
n-Butylbenzene	<372	ug/L	400	372	400		01/20/12 15:42	104-51-8	
sec-Butylbenzene	<356	ug/L	2000	356	400		01/20/12 15:42	135-98-8	
tert-Butylbenzene	<388	ug/L	400	388	400		01/20/12 15:42	98-06-6	
Carbon tetrachloride	<196	ug/L	400	196	400		01/20/12 15:42	56-23-5	
Chlorobenzene	<164	ug/L	400	164	400		01/20/12 15:42	108-90-7	
Chloroethane	<388	ug/L	400	388	400		01/20/12 15:42	75-00-3	
Chloroform	<520	ug/L	2000	520	400		01/20/12 15:42	67-66-3	
Chloromethane	<96.0	ug/L	400	96.0	400		01/20/12 15:42	74-87-3	
2-Chlorotoluene	<340	ug/L	400	340	400		01/20/12 15:42	95-49-8	
4-Chlorotoluene	<296	ug/L	400	296	400		01/20/12 15:42	106-43-4	
1,2-Dibromo-3-chloropropane	<672	ug/L	2000	672	400		01/20/12 15:42	96-12-8	
Dibromochloromethane	<324	ug/L	400	324	400		01/20/12 15:42	124-48-1	
1,2-Dibromoethane (EDB)	<224	ug/L	400	224	400		01/20/12 15:42	106-93-4	
Dibromomethane	<240	ug/L	400	240	400		01/20/12 15:42	74-95-3	
1,2-Dichlorobenzene	<332	ug/L	400	332	400		01/20/12 15:42	95-50-1	
1,3-Dichlorobenzene	<348	ug/L	400	348	400		01/20/12 15:42	541-73-1	
1,4-Dichlorobenzene	<380	ug/L	400	380	400		01/20/12 15:42	106-46-7	
Dichlorodifluoromethane	<396	ug/L	400	396	400		01/20/12 15:42	75-71-8	
1,1-Dichloroethane	<300	ug/L	400	300	400		01/20/12 15:42	75-34-3	
1,2-Dichloroethane	<144	ug/L	400	144	400		01/20/12 15:42	107-06-2	
1,1-Dichloroethene	<228	ug/L	400	228	400		01/20/12 15:42	75-35-4	
cis-1,2-Dichloroethene	1360	ug/L	400	332	400		01/20/12 15:42	156-59-2	
trans-1,2-Dichloroethene	<356	ug/L	400	356	400		01/20/12 15:42	156-60-5	
1,2-Dichloropropane	<196	ug/L	400	196	400		01/20/12 15:42	78-87-5	
1,3-Dichloropropane	<244	ug/L	400	244	400		01/20/12 15:42	142-28-9	
2,2-Dichloropropane	<248	ug/L	400	248	400		01/20/12 15:42	594-20-7	
1,1-Dichloropropene	<300	ug/L	400	300	400		01/20/12 15:42	563-58-6	
cis-1,3-Dichloropropene	<80.0	ug/L	400	80.0	400		01/20/12 15:42	10061-01-5	
trans-1,3-Dichloropropene	<76.0	ug/L	400	76.0	400		01/20/12 15:42	10061-02-6	
Diisopropyl ether	<304	ug/L	400	304	400		01/20/12 15:42	108-20-3	
Ethylbenzene	<216	ug/L	400	216	400		01/20/12 15:42	100-41-4	
Hexachloro-1,3-butadiene	<268	ug/L	2000	268	400		01/20/12 15:42	87-68-3	
Isopropylbenzene (Cumene)	<236	ug/L	400	236	400		01/20/12 15:42	98-82-8	
p-Isopropyltoluene	<268	ug/L	400	268	400		01/20/12 15:42	99-87-6	
Methylene Chloride	<172	ug/L	400	172	400		01/20/12 15:42	75-09-2	
Methyl-tert-butyl ether	<244	ug/L	400	244	400		01/20/12 15:42	1634-04-4	
Naphthalene	<356	ug/L	2000	356	400		01/20/12 15:42	91-20-3	
n-Propylbenzene	<324	ug/L	400	324	400		01/20/12 15:42	103-65-1	
Styrene	<344	ug/L	400	344	400		01/20/12 15:42	100-42-5	
1,1,1,2-Tetrachloroethane	<368	ug/L	400	368	400		01/20/12 15:42	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-4 Lab ID: 4055946004 Collected: 01/17/12 12:12 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<80.0	ug/L	400	80.0	400		01/20/12 15:42	79-34-5	
Tetrachloroethene	48600	ug/L	400	180	400		01/20/12 15:42	127-18-4	
Toluene	<268	ug/L	400	268	400		01/20/12 15:42	108-88-3	
1,2,3-Trichlorobenzene	<296	ug/L	400	296	400		01/20/12 15:42	87-61-6	
1,2,4-Trichlorobenzene	<388	ug/L	2000	388	400		01/20/12 15:42	120-82-1	
1,1,1-Trichloroethane	<360	ug/L	400	360	400		01/20/12 15:42	71-55-6	
1,1,2-Trichloroethane	<168	ug/L	400	168	400		01/20/12 15:42	79-00-5	
Trichloroethene	1500	ug/L	400	192	400		01/20/12 15:42	79-01-6	
Trichlorofluoromethane	<316	ug/L	400	316	400		01/20/12 15:42	75-69-4	
1,2,3-Trichloropropane	<396	ug/L	400	396	400		01/20/12 15:42	96-18-4	
1,2,4-Trimethylbenzene	<388	ug/L	400	388	400		01/20/12 15:42	95-63-6	
1,3,5-Trimethylbenzene	<332	ug/L	400	332	400		01/20/12 15:42	108-67-8	
Vinyl chloride	<72.0	ug/L	400	72.0	400		01/20/12 15:42	75-01-4	
m&p-Xylene	<720	ug/L	800	720	400		01/20/12 15:42	179601-23-1	
o-Xylene	<332	ug/L	400	332	400		01/20/12 15:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92 %		70-130		400		01/20/12 15:42	460-00-4	
Dibromofluoromethane (S)	90 %		70-130		400		01/20/12 15:42	1868-53-7	
Toluene-d8 (S)	98 %		70-130		400		01/20/12 15:42	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-5 Lab ID: 4055946005 Collected: 01/17/12 09:30 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<20.5	ug/L	50.0	20.5	50		01/20/12 16:04	71-43-2	
Bromobenzene	<41.0	ug/L	50.0	41.0	50		01/20/12 16:04	108-86-1	
Bromochloromethane	<48.5	ug/L	50.0	48.5	50		01/20/12 16:04	74-97-5	
Bromodichloromethane	<28.0	ug/L	50.0	28.0	50		01/20/12 16:04	75-27-4	
Bromoform	<47.0	ug/L	50.0	47.0	50		01/20/12 16:04	75-25-2	
Bromomethane	<45.5	ug/L	50.0	45.5	50		01/20/12 16:04	74-83-9	
n-Butylbenzene	<46.5	ug/L	50.0	46.5	50		01/20/12 16:04	104-51-8	
sec-Butylbenzene	<44.5	ug/L	250	44.5	50		01/20/12 16:04	135-98-8	
tert-Butylbenzene	<48.5	ug/L	50.0	48.5	50		01/20/12 16:04	98-06-6	
Carbon tetrachloride	<24.5	ug/L	50.0	24.5	50		01/20/12 16:04	56-23-5	
Chlorobenzene	<20.5	ug/L	50.0	20.5	50		01/20/12 16:04	108-90-7	
Chloroethane	<48.5	ug/L	50.0	48.5	50		01/20/12 16:04	75-00-3	
Chloroform	<65.0	ug/L	250	65.0	50		01/20/12 16:04	67-66-3	
Chloromethane	<12.0	ug/L	50.0	12.0	50		01/20/12 16:04	74-87-3	
2-Chlorotoluene	<42.5	ug/L	50.0	42.5	50		01/20/12 16:04	95-49-8	
4-Chlorotoluene	<37.0	ug/L	50.0	37.0	50		01/20/12 16:04	106-43-4	
1,2-Dibromo-3-chloropropane	<84.0	ug/L	250	84.0	50		01/20/12 16:04	96-12-8	
Dibromochloromethane	<40.5	ug/L	50.0	40.5	50		01/20/12 16:04	124-48-1	
1,2-Dibromoethane (EDB)	<28.0	ug/L	50.0	28.0	50		01/20/12 16:04	106-93-4	
Dibromomethane	<30.0	ug/L	50.0	30.0	50		01/20/12 16:04	74-95-3	
1,2-Dichlorobenzene	<41.5	ug/L	50.0	41.5	50		01/20/12 16:04	95-50-1	
1,3-Dichlorobenzene	<43.5	ug/L	50.0	43.5	50		01/20/12 16:04	541-73-1	
1,4-Dichlorobenzene	<47.5	ug/L	50.0	47.5	50		01/20/12 16:04	106-46-7	
Dichlorodifluoromethane	<49.5	ug/L	50.0	49.5	50		01/20/12 16:04	75-71-8	
1,1-Dichloroethane	<37.5	ug/L	50.0	37.5	50		01/20/12 16:04	75-34-3	
1,2-Dichloroethane	<18.0	ug/L	50.0	18.0	50		01/20/12 16:04	107-06-2	
1,1-Dichloroethene	<28.5	ug/L	50.0	28.5	50		01/20/12 16:04	75-35-4	
cis-1,2-Dichloroethene	682	ug/L	50.0	41.5	50		01/20/12 16:04	156-59-2	
trans-1,2-Dichloroethene	<44.5	ug/L	50.0	44.5	50		01/20/12 16:04	156-60-5	
1,2-Dichloropropane	<24.5	ug/L	50.0	24.5	50		01/20/12 16:04	78-87-5	
1,3-Dichloropropane	<30.5	ug/L	50.0	30.5	50		01/20/12 16:04	142-28-9	
2,2-Dichloropropane	<31.0	ug/L	50.0	31.0	50		01/20/12 16:04	594-20-7	
1,1-Dichloropropene	<37.5	ug/L	50.0	37.5	50		01/20/12 16:04	563-58-6	
cis-1,3-Dichloropropene	<10.0	ug/L	50.0	10.0	50		01/20/12 16:04	10061-01-5	
trans-1,3-Dichloropropene	<9.5	ug/L	50.0	9.5	50		01/20/12 16:04	10061-02-6	
Diisopropyl ether	<38.0	ug/L	50.0	38.0	50		01/20/12 16:04	108-20-3	
Ethylbenzene	<27.0	ug/L	50.0	27.0	50		01/20/12 16:04	100-41-4	
Hexachloro-1,3-butadiene	<33.5	ug/L	250	33.5	50		01/20/12 16:04	87-68-3	
Isopropylbenzene (Cumene)	<29.5	ug/L	50.0	29.5	50		01/20/12 16:04	98-82-8	
p-Isopropyltoluene	<33.5	ug/L	50.0	33.5	50		01/20/12 16:04	99-87-6	
Methylene Chloride	<21.5	ug/L	50.0	21.5	50		01/20/12 16:04	75-09-2	
Methyl-tert-butyl ether	<30.5	ug/L	50.0	30.5	50		01/20/12 16:04	1634-04-4	
Naphthalene	<44.5	ug/L	250	44.5	50		01/20/12 16:04	91-20-3	
n-Propylbenzene	<40.5	ug/L	50.0	40.5	50		01/20/12 16:04	103-65-1	
Styrene	<43.0	ug/L	50.0	43.0	50		01/20/12 16:04	100-42-5	
1,1,1,2-Tetrachloroethane	<46.0	ug/L	50.0	46.0	50		01/20/12 16:04	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING

Pace Project No.: 4055946

Sample: MW-5 Lab ID: 4055946005 Collected: 01/17/12 09:30 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<10.0	ug/L	50.0	10.0	50		01/20/12 16:04	79-34-5	
Tetrachloroethene	13100	ug/L	50.0	22.5	50		01/20/12 16:04	127-18-4	
Toluene	<33.5	ug/L	50.0	33.5	50		01/20/12 16:04	108-88-3	
1,2,3-Trichlorobenzene	<37.0	ug/L	50.0	37.0	50		01/20/12 16:04	87-61-6	
1,2,4-Trichlorobenzene	<48.5	ug/L	250	48.5	50		01/20/12 16:04	120-82-1	
1,1,1-Trichloroethane	<45.0	ug/L	50.0	45.0	50		01/20/12 16:04	71-55-6	
1,1,2-Trichloroethane	<21.0	ug/L	50.0	21.0	50		01/20/12 16:04	79-00-5	
Trichloroethene	401	ug/L	50.0	24.0	50		01/20/12 16:04	79-01-6	
Trichlorofluoromethane	<39.5	ug/L	50.0	39.5	50		01/20/12 16:04	75-69-4	
1,2,3-Trichloropropane	<49.5	ug/L	50.0	49.5	50		01/20/12 16:04	96-18-4	
1,2,4-Trimethylbenzene	<48.5	ug/L	50.0	48.5	50		01/20/12 16:04	95-63-6	
1,3,5-Trimethylbenzene	<41.5	ug/L	50.0	41.5	50		01/20/12 16:04	108-67-8	
Vinyl chloride	<9.0	ug/L	50.0	9.0	50		01/20/12 16:04	75-01-4	
m&p-Xylene	<90.0	ug/L	100	90.0	50		01/20/12 16:04	179601-23-1	
o-Xylene	<41.5	ug/L	50.0	41.5	50		01/20/12 16:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93 %		70-130		50		01/20/12 16:04	460-00-4	
Dibromofluoromethane (S)	91 %		70-130		50		01/20/12 16:04	1868-53-7	
Toluene-d8 (S)	99 %		70-130		50		01/20/12 16:04	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-6 Lab ID: 4055946006 Collected: 01/16/12 16:45 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<82.0	ug/L	200	82.0	200		01/20/12 14:10	71-43-2	
Bromobenzene	<164	ug/L	200	164	200		01/20/12 14:10	108-86-1	
Bromochloromethane	<194	ug/L	200	194	200		01/20/12 14:10	74-97-5	
Bromodichloromethane	<112	ug/L	200	112	200		01/20/12 14:10	75-27-4	
Bromoform	<188	ug/L	200	188	200		01/20/12 14:10	75-25-2	
Bromomethane	<182	ug/L	200	182	200		01/20/12 14:10	74-83-9	
n-Butylbenzene	<186	ug/L	200	186	200		01/20/12 14:10	104-51-8	
sec-Butylbenzene	<178	ug/L	1000	178	200		01/20/12 14:10	135-98-8	
tert-Butylbenzene	<194	ug/L	200	194	200		01/20/12 14:10	98-06-6	
Carbon tetrachloride	<98.0	ug/L	200	98.0	200		01/20/12 14:10	56-23-5	
Chlorobenzene	<82.0	ug/L	200	82.0	200		01/20/12 14:10	108-90-7	
Chloroethane	<194	ug/L	200	194	200		01/20/12 14:10	75-00-3	
Chloroform	<260	ug/L	1000	260	200		01/20/12 14:10	67-66-3	
Chloromethane	<48.0	ug/L	200	48.0	200		01/20/12 14:10	74-87-3	
2-Chlorotoluene	<170	ug/L	200	170	200		01/20/12 14:10	95-49-8	
4-Chlorotoluene	<148	ug/L	200	148	200		01/20/12 14:10	106-43-4	
1,2-Dibromo-3-chloropropane	<336	ug/L	1000	336	200		01/20/12 14:10	96-12-8	
Dibromochloromethane	<162	ug/L	200	162	200		01/20/12 14:10	124-48-1	
1,2-Dibromoethane (EDB)	<112	ug/L	200	112	200		01/20/12 14:10	106-93-4	
Dibromomethane	<120	ug/L	200	120	200		01/20/12 14:10	74-95-3	
1,2-Dichlorobenzene	<166	ug/L	200	166	200		01/20/12 14:10	95-50-1	
1,3-Dichlorobenzene	<174	ug/L	200	174	200		01/20/12 14:10	541-73-1	
1,4-Dichlorobenzene	<190	ug/L	200	190	200		01/20/12 14:10	106-46-7	
Dichlorodifluoromethane	<198	ug/L	200	198	200		01/20/12 14:10	75-71-8	
1,1-Dichloroethane	<150	ug/L	200	150	200		01/20/12 14:10	75-34-3	
1,2-Dichloroethane	<72.0	ug/L	200	72.0	200		01/20/12 14:10	107-06-2	
1,1-Dichloroethene	<114	ug/L	200	114	200		01/20/12 14:10	75-35-4	
cis-1,2-Dichloroethene	26400	ug/L	200	166	200		01/20/12 14:10	156-59-2	
trans-1,2-Dichloroethene	595	ug/L	200	178	200		01/20/12 14:10	156-60-5	
1,2-Dichloropropane	<98.0	ug/L	200	98.0	200		01/20/12 14:10	78-87-5	
1,3-Dichloropropane	<122	ug/L	200	122	200		01/20/12 14:10	142-28-9	
2,2-Dichloropropane	<124	ug/L	200	124	200		01/20/12 14:10	594-20-7	
1,1-Dichloropropene	<150	ug/L	200	150	200		01/20/12 14:10	563-58-6	
cis-1,3-Dichloropropene	<40.0	ug/L	200	40.0	200		01/20/12 14:10	10061-01-5	
trans-1,3-Dichloropropene	<38.0	ug/L	200	38.0	200		01/20/12 14:10	10061-02-6	
Diisopropyl ether	<152	ug/L	200	152	200		01/20/12 14:10	108-20-3	
Ethylbenzene	<108	ug/L	200	108	200		01/20/12 14:10	100-41-4	
Hexachloro-1,3-butadiene	<134	ug/L	1000	134	200		01/20/12 14:10	87-68-3	
Isopropylbenzene (Cumene)	<118	ug/L	200	118	200		01/20/12 14:10	98-82-8	
p-Isopropyltoluene	<134	ug/L	200	134	200		01/20/12 14:10	99-87-6	
Methylene Chloride	<86.0	ug/L	200	86.0	200		01/20/12 14:10	75-09-2	
Methyl-tert-butyl ether	<122	ug/L	200	122	200		01/20/12 14:10	1634-04-4	
Naphthalene	<178	ug/L	1000	178	200		01/20/12 14:10	91-20-3	
n-Propylbenzene	<162	ug/L	200	162	200		01/20/12 14:10	103-65-1	
Styrene	<172	ug/L	200	172	200		01/20/12 14:10	100-42-5	
1,1,1,2-Tetrachloroethane	<184	ug/L	200	184	200		01/20/12 14:10	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-6 Lab ID: 4055946006 Collected: 01/16/12 16:45 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<40.0	ug/L	200	40.0	200		01/20/12 14:10	79-34-5	
Tetrachloroethene	<90.0	ug/L	200	90.0	200		01/20/12 14:10	127-18-4	
Toluene	<134	ug/L	200	134	200		01/20/12 14:10	108-88-3	
1,2,3-Trichlorobenzene	<148	ug/L	200	148	200		01/20/12 14:10	87-61-6	
1,2,4-Trichlorobenzene	<194	ug/L	1000	194	200		01/20/12 14:10	120-82-1	
1,1,1-Trichloroethane	<180	ug/L	200	180	200		01/20/12 14:10	71-55-6	
1,1,2-Trichloroethane	<84.0	ug/L	200	84.0	200		01/20/12 14:10	79-00-5	
Trichloroethene	155J	ug/L	200	96.0	200		01/20/12 14:10	79-01-6	
Trichlorofluoromethane	<158	ug/L	200	158	200		01/20/12 14:10	75-69-4	
1,2,3-Trichloropropane	<198	ug/L	200	198	200		01/20/12 14:10	96-18-4	
1,2,4-Trimethylbenzene	<194	ug/L	200	194	200		01/20/12 14:10	95-63-6	
1,3,5-Trimethylbenzene	<166	ug/L	200	166	200		01/20/12 14:10	108-67-8	
Vinyl chloride	<36.0	ug/L	200	36.0	200		01/20/12 14:10	75-01-4	
m&p-Xylene	<360	ug/L	400	360	200		01/20/12 14:10	179601-23-1	
o-Xylene	<166	ug/L	200	166	200		01/20/12 14:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94 %		70-130		200		01/20/12 14:10	460-00-4	
Dibromofluoromethane (S)	92 %		70-130		200		01/20/12 14:10	1868-53-7	
Toluene-d8 (S)	100 %		70-130		200		01/20/12 14:10	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-7 Lab ID: 4055946007 Collected: 01/16/12 15:22 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<1.0	ug/L	2.5	1.0	2.5		01/20/12 14:33	71-43-2	
Bromobenzene	<2.0	ug/L	2.5	2.0	2.5		01/20/12 14:33	108-86-1	
Bromochloromethane	<2.4	ug/L	2.5	2.4	2.5		01/20/12 14:33	74-97-5	
Bromodichloromethane	<1.4	ug/L	2.5	1.4	2.5		01/20/12 14:33	75-27-4	
Bromoform	<2.4	ug/L	2.5	2.4	2.5		01/20/12 14:33	75-25-2	
Bromomethane	<2.3	ug/L	2.5	2.3	2.5		01/20/12 14:33	74-83-9	
n-Butylbenzene	<2.3	ug/L	2.5	2.3	2.5		01/20/12 14:33	104-51-8	
sec-Butylbenzene	<2.2	ug/L	12.5	2.2	2.5		01/20/12 14:33	135-98-8	
tert-Butylbenzene	<2.4	ug/L	2.5	2.4	2.5		01/20/12 14:33	98-06-6	
Carbon tetrachloride	<1.2	ug/L	2.5	1.2	2.5		01/20/12 14:33	56-23-5	
Chlorobenzene	<1.0	ug/L	2.5	1.0	2.5		01/20/12 14:33	108-90-7	
Chloroethane	<2.4	ug/L	2.5	2.4	2.5		01/20/12 14:33	75-00-3	
Chloroform	<3.2	ug/L	12.5	3.2	2.5		01/20/12 14:33	67-66-3	
Chloromethane	<0.60	ug/L	2.5	0.60	2.5		01/20/12 14:33	74-87-3	
2-Chlorotoluene	<2.1	ug/L	2.5	2.1	2.5		01/20/12 14:33	95-49-8	
4-Chlorotoluene	<1.8	ug/L	2.5	1.8	2.5		01/20/12 14:33	106-43-4	
1,2-Dibromo-3-chloropropane	<4.2	ug/L	12.5	4.2	2.5		01/20/12 14:33	96-12-8	
Dibromochloromethane	<2.0	ug/L	2.5	2.0	2.5		01/20/12 14:33	124-48-1	
1,2-Dibromoethane (EDB)	<1.4	ug/L	2.5	1.4	2.5		01/20/12 14:33	106-93-4	
Dibromomethane	<1.5	ug/L	2.5	1.5	2.5		01/20/12 14:33	74-95-3	
1,2-Dichlorobenzene	<2.1	ug/L	2.5	2.1	2.5		01/20/12 14:33	95-50-1	
1,3-Dichlorobenzene	<2.2	ug/L	2.5	2.2	2.5		01/20/12 14:33	541-73-1	
1,4-Dichlorobenzene	<2.4	ug/L	2.5	2.4	2.5		01/20/12 14:33	106-46-7	
Dichlorodifluoromethane	<2.5	ug/L	2.5	2.5	2.5		01/20/12 14:33	75-71-8	
1,1-Dichloroethane	<1.9	ug/L	2.5	1.9	2.5		01/20/12 14:33	75-34-3	
1,2-Dichloroethane	<0.90	ug/L	2.5	0.90	2.5		01/20/12 14:33	107-06-2	
1,1-Dichloroethene	<1.4	ug/L	2.5	1.4	2.5		01/20/12 14:33	75-35-4	
cis-1,2-Dichloroethene	236	ug/L	2.5	2.1	2.5		01/20/12 14:33	156-59-2	
trans-1,2-Dichloroethene	6.3	ug/L	2.5	2.2	2.5		01/20/12 14:33	156-60-5	
1,2-Dichloropropane	<1.2	ug/L	2.5	1.2	2.5		01/20/12 14:33	78-87-5	
1,3-Dichloropropane	<1.5	ug/L	2.5	1.5	2.5		01/20/12 14:33	142-28-9	
2,2-Dichloropropane	<1.6	ug/L	2.5	1.6	2.5		01/20/12 14:33	594-20-7	
1,1-Dichloropropene	<1.9	ug/L	2.5	1.9	2.5		01/20/12 14:33	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	2.5	0.50	2.5		01/20/12 14:33	10061-01-5	
trans-1,3-Dichloropropene	<0.48	ug/L	2.5	0.48	2.5		01/20/12 14:33	10061-02-6	
Diisopropyl ether	<1.9	ug/L	2.5	1.9	2.5		01/20/12 14:33	108-20-3	
Ethylbenzene	<1.4	ug/L	2.5	1.4	2.5		01/20/12 14:33	100-41-4	
Hexachloro-1,3-butadiene	<1.7	ug/L	12.5	1.7	2.5		01/20/12 14:33	87-68-3	
Isopropylbenzene (Cumene)	<1.5	ug/L	2.5	1.5	2.5		01/20/12 14:33	98-82-8	
p-Isopropyltoluene	<1.7	ug/L	2.5	1.7	2.5		01/20/12 14:33	99-87-6	
Methylene Chloride	<1.1	ug/L	2.5	1.1	2.5		01/20/12 14:33	75-09-2	
Methyl-tert-butyl ether	<1.5	ug/L	2.5	1.5	2.5		01/20/12 14:33	1634-04-4	
Naphthalene	<2.2	ug/L	12.5	2.2	2.5		01/20/12 14:33	91-20-3	
n-Propylbenzene	<2.0	ug/L	2.5	2.0	2.5		01/20/12 14:33	103-65-1	
Styrene	<2.2	ug/L	2.5	2.2	2.5		01/20/12 14:33	100-42-5	
1,1,1,2-Tetrachloroethane	<2.3	ug/L	2.5	2.3	2.5		01/20/12 14:33	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-7 Lab ID: 4055946007 Collected: 01/16/12 15:22 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.50	ug/L	2.5	0.50	2.5		01/20/12 14:33	79-34-5	
Tetrachloroethene	28.0	ug/L	2.5	1.1	2.5		01/20/12 14:33	127-18-4	
Toluene	<1.7	ug/L	2.5	1.7	2.5		01/20/12 14:33	108-88-3	
1,2,3-Trichlorobenzene	<1.8	ug/L	2.5	1.8	2.5		01/20/12 14:33	87-61-6	
1,2,4-Trichlorobenzene	<2.4	ug/L	12.5	2.4	2.5		01/20/12 14:33	120-82-1	
1,1,1-Trichloroethane	<2.2	ug/L	2.5	2.2	2.5		01/20/12 14:33	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	2.5	1.0	2.5		01/20/12 14:33	79-00-5	
Trichloroethene	27.5	ug/L	2.5	1.2	2.5		01/20/12 14:33	79-01-6	
Trichlorofluoromethane	<2.0	ug/L	2.5	2.0	2.5		01/20/12 14:33	75-69-4	
1,2,3-Trichloropropane	<2.5	ug/L	2.5	2.5	2.5		01/20/12 14:33	96-18-4	
1,2,4-Trimethylbenzene	<2.4	ug/L	2.5	2.4	2.5		01/20/12 14:33	95-63-6	
1,3,5-Trimethylbenzene	<2.1	ug/L	2.5	2.1	2.5		01/20/12 14:33	108-67-8	
Vinyl chloride	2.9	ug/L	2.5	0.45	2.5		01/20/12 14:33	75-01-4	
m&p-Xylene	<4.5	ug/L	5.0	4.5	2.5		01/20/12 14:33	179601-23-1	
o-Xylene	<2.1	ug/L	2.5	2.1	2.5		01/20/12 14:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		2.5		01/20/12 14:33	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		2.5		01/20/12 14:33	1868-53-7	
Toluene-d8 (S)	99	%	70-130		2.5		01/20/12 14:33	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-8 Lab ID: 4055946008 Collected: 01/16/12 12:55 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41 ug/L		1.0	0.41	1		01/20/12 09:38	71-43-2	
Bromobenzene	<0.82 ug/L		1.0	0.82	1		01/20/12 09:38	108-86-1	
Bromochloromethane	<0.97 ug/L		1.0	0.97	1		01/20/12 09:38	74-97-5	
Bromodichloromethane	<0.56 ug/L		1.0	0.56	1		01/20/12 09:38	75-27-4	
Bromoform	<0.94 ug/L		1.0	0.94	1		01/20/12 09:38	75-25-2	
Bromomethane	<0.91 ug/L		1.0	0.91	1		01/20/12 09:38	74-83-9	
n-Butylbenzene	<0.93 ug/L		1.0	0.93	1		01/20/12 09:38	104-51-8	
sec-Butylbenzene	<0.89 ug/L		5.0	0.89	1		01/20/12 09:38	135-98-8	
tert-Butylbenzene	<0.97 ug/L		1.0	0.97	1		01/20/12 09:38	98-06-6	
Carbon tetrachloride	<0.49 ug/L		1.0	0.49	1		01/20/12 09:38	56-23-5	
Chlorobenzene	<0.41 ug/L		1.0	0.41	1		01/20/12 09:38	108-90-7	
Chloroethane	<0.97 ug/L		1.0	0.97	1		01/20/12 09:38	75-00-3	
Chloroform	<1.3 ug/L		5.0	1.3	1		01/20/12 09:38	67-66-3	
Chloromethane	<0.24 ug/L		1.0	0.24	1		01/20/12 09:38	74-87-3	
2-Chlorotoluene	<0.85 ug/L		1.0	0.85	1		01/20/12 09:38	95-49-8	
4-Chlorotoluene	<0.74 ug/L		1.0	0.74	1		01/20/12 09:38	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7 ug/L		5.0	1.7	1		01/20/12 09:38	96-12-8	
Dibromochloromethane	<0.81 ug/L		1.0	0.81	1		01/20/12 09:38	124-48-1	
1,2-Dibromoethane (EDB)	<0.56 ug/L		1.0	0.56	1		01/20/12 09:38	106-93-4	
Dibromomethane	<0.60 ug/L		1.0	0.60	1		01/20/12 09:38	74-95-3	
1,2-Dichlorobenzene	<0.83 ug/L		1.0	0.83	1		01/20/12 09:38	95-50-1	
1,3-Dichlorobenzene	<0.87 ug/L		1.0	0.87	1		01/20/12 09:38	541-73-1	
1,4-Dichlorobenzene	<0.95 ug/L		1.0	0.95	1		01/20/12 09:38	106-46-7	
Dichlorodifluoromethane	<0.99 ug/L		1.0	0.99	1		01/20/12 09:38	75-71-8	
1,1-Dichloroethane	<0.75 ug/L		1.0	0.75	1		01/20/12 09:38	75-34-3	
1,2-Dichloroethane	<0.36 ug/L		1.0	0.36	1		01/20/12 09:38	107-06-2	
1,1-Dichloroethene	<0.57 ug/L		1.0	0.57	1		01/20/12 09:38	75-35-4	
cis-1,2-Dichloroethene	<0.83 ug/L		1.0	0.83	1		01/20/12 09:38	156-59-2	
trans-1,2-Dichloroethene	<0.89 ug/L		1.0	0.89	1		01/20/12 09:38	156-60-5	
1,2-Dichloropropane	<0.49 ug/L		1.0	0.49	1		01/20/12 09:38	78-87-5	
1,3-Dichloropropane	<0.61 ug/L		1.0	0.61	1		01/20/12 09:38	142-28-9	
2,2-Dichloropropane	<0.62 ug/L		1.0	0.62	1		01/20/12 09:38	594-20-7	
1,1-Dichloropropene	<0.75 ug/L		1.0	0.75	1		01/20/12 09:38	563-58-6	
cis-1,3-Dichloropropene	<0.20 ug/L		1.0	0.20	1		01/20/12 09:38	10061-01-5	
trans-1,3-Dichloropropene	<0.19 ug/L		1.0	0.19	1		01/20/12 09:38	10061-02-6	
Diisopropyl ether	<0.76 ug/L		1.0	0.76	1		01/20/12 09:38	108-20-3	
Ethylbenzene	<0.54 ug/L		1.0	0.54	1		01/20/12 09:38	100-41-4	
Hexachloro-1,3-butadiene	<0.67 ug/L		5.0	0.67	1		01/20/12 09:38	87-68-3	
Isopropylbenzene (Cumene)	<0.59 ug/L		1.0	0.59	1		01/20/12 09:38	98-82-8	
p-Isopropyltoluene	<0.67 ug/L		1.0	0.67	1		01/20/12 09:38	99-87-6	
Methylene Chloride	<0.43 ug/L		1.0	0.43	1		01/20/12 09:38	75-09-2	
Methyl-tert-butyl ether	<0.61 ug/L		1.0	0.61	1		01/20/12 09:38	1634-04-4	
Naphthalene	<0.89 ug/L		5.0	0.89	1		01/20/12 09:38	91-20-3	
n-Propylbenzene	<0.81 ug/L		1.0	0.81	1		01/20/12 09:38	103-65-1	
Styrene	<0.86 ug/L		1.0	0.86	1		01/20/12 09:38	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92 ug/L		1.0	0.92	1		01/20/12 09:38	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING

Pace Project No.: 4055946

Sample: MW-8 Lab ID: 4055946008 Collected: 01/16/12 12:55 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		01/20/12 09:38	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		01/20/12 09:38	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		01/20/12 09:38	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		01/20/12 09:38	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	5.0	0.97	1		01/20/12 09:38	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		01/20/12 09:38	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		01/20/12 09:38	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		01/20/12 09:38	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		01/20/12 09:38	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		01/20/12 09:38	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 09:38	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 09:38	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		01/20/12 09:38	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		01/20/12 09:38	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		01/20/12 09:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95 %		70-130		1		01/20/12 09:38	460-00-4	
Dibromofluoromethane (S)	93 %		70-130		1		01/20/12 09:38	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		01/20/12 09:38	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-9 Lab ID: 4055946009 Collected: 01/17/12 13:06 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<410	ug/L	1000	410	1000		01/23/12 10:03	71-43-2	
Bromobenzene	<820	ug/L	1000	820	1000		01/23/12 10:03	108-86-1	
Bromochloromethane	<970	ug/L	1000	970	1000		01/23/12 10:03	74-97-5	
Bromodichloromethane	<560	ug/L	1000	560	1000		01/23/12 10:03	75-27-4	
Bromoform	<940	ug/L	1000	940	1000		01/23/12 10:03	75-25-2	
Bromomethane	<910	ug/L	1000	910	1000		01/23/12 10:03	74-83-9	
n-Butylbenzene	<930	ug/L	1000	930	1000		01/23/12 10:03	104-51-8	
sec-Butylbenzene	<890	ug/L	5000	890	1000		01/23/12 10:03	135-98-8	
tert-Butylbenzene	<970	ug/L	1000	970	1000		01/23/12 10:03	98-06-6	
Carbon tetrachloride	<490	ug/L	1000	490	1000		01/23/12 10:03	56-23-5	
Chlorobenzene	<410	ug/L	1000	410	1000		01/23/12 10:03	108-90-7	
Chloroethane	<970	ug/L	1000	970	1000		01/23/12 10:03	75-00-3	
Chloroform	<1300	ug/L	5000	1300	1000		01/23/12 10:03	67-66-3	
Chloromethane	<240	ug/L	1000	240	1000		01/23/12 10:03	74-87-3	
2-Chlorotoluene	<850	ug/L	1000	850	1000		01/23/12 10:03	95-49-8	
4-Chlorotoluene	<740	ug/L	1000	740	1000		01/23/12 10:03	106-43-4	
1,2-Dibromo-3-chloropropane	<1680	ug/L	5000	1680	1000		01/23/12 10:03	96-12-8	
Dibromochloromethane	<810	ug/L	1000	810	1000		01/23/12 10:03	124-48-1	
1,2-Dibromoethane (EDB)	<560	ug/L	1000	560	1000		01/23/12 10:03	106-93-4	
Dibromomethane	<600	ug/L	1000	600	1000		01/23/12 10:03	74-95-3	
1,2-Dichlorobenzene	<830	ug/L	1000	830	1000		01/23/12 10:03	95-50-1	
1,3-Dichlorobenzene	<870	ug/L	1000	870	1000		01/23/12 10:03	541-73-1	
1,4-Dichlorobenzene	<950	ug/L	1000	950	1000		01/23/12 10:03	106-46-7	
Dichlorodifluoromethane	<990	ug/L	1000	990	1000		01/23/12 10:03	75-71-8	
1,1-Dichloroethane	<750	ug/L	1000	750	1000		01/23/12 10:03	75-34-3	
1,2-Dichloroethane	<360	ug/L	1000	360	1000		01/23/12 10:03	107-06-2	
1,1-Dichloroethene	<570	ug/L	1000	570	1000		01/23/12 10:03	75-35-4	
cis-1,2-Dichloroethene	76600	ug/L	1000	830	1000		01/23/12 10:03	156-59-2	
trans-1,2-Dichloroethene	1130	ug/L	1000	890	1000		01/23/12 10:03	156-60-5	
1,2-Dichloropropane	<490	ug/L	1000	490	1000		01/23/12 10:03	78-87-5	
1,3-Dichloropropane	<610	ug/L	1000	610	1000		01/23/12 10:03	142-28-9	
2,2-Dichloropropane	<620	ug/L	1000	620	1000		01/23/12 10:03	594-20-7	
1,1-Dichloropropene	<750	ug/L	1000	750	1000		01/23/12 10:03	563-58-6	
cis-1,3-Dichloropropene	<200	ug/L	1000	200	1000		01/23/12 10:03	10061-01-5	
trans-1,3-Dichloropropene	<190	ug/L	1000	190	1000		01/23/12 10:03	10061-02-6	
Diisopropyl ether	<760	ug/L	1000	760	1000		01/23/12 10:03	108-20-3	
Ethylbenzene	<540	ug/L	1000	540	1000		01/23/12 10:03	100-41-4	
Hexachloro-1,3-butadiene	<670	ug/L	5000	670	1000		01/23/12 10:03	87-68-3	
Isopropylbenzene (Cumene)	<590	ug/L	1000	590	1000		01/23/12 10:03	98-82-8	
p-Isopropyltoluene	<670	ug/L	1000	670	1000		01/23/12 10:03	99-87-6	
Methylene Chloride	<430	ug/L	1000	430	1000		01/23/12 10:03	75-09-2	
Methyl-tert-butyl ether	<610	ug/L	1000	610	1000		01/23/12 10:03	1634-04-4	
Naphthalene	<890	ug/L	5000	890	1000		01/23/12 10:03	91-20-3	
n-Propylbenzene	<810	ug/L	1000	810	1000		01/23/12 10:03	103-65-1	
Styrene	<860	ug/L	1000	860	1000		01/23/12 10:03	100-42-5	
1,1,1,2-Tetrachloroethane	<920	ug/L	1000	920	1000		01/23/12 10:03	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING

Pace Project No.: 4055946

Sample: MW-9 Lab ID: 4055946009 Collected: 01/17/12 13:06 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<200	ug/L	1000	200	1000		01/23/12 10:03	79-34-5	
Tetrachloroethene	1350	ug/L	1000	450	1000		01/23/12 10:03	127-18-4	
Toluene	<670	ug/L	1000	670	1000		01/23/12 10:03	108-88-3	
1,2,3-Trichlorobenzene	<740	ug/L	1000	740	1000		01/23/12 10:03	87-61-6	
1,2,4-Trichlorobenzene	<970	ug/L	5000	970	1000		01/23/12 10:03	120-82-1	
1,1,1-Trichloroethane	<900	ug/L	1000	900	1000		01/23/12 10:03	71-55-6	
1,1,2-Trichloroethane	<420	ug/L	1000	420	1000		01/23/12 10:03	79-00-5	
Trichloroethene	1200	ug/L	1000	480	1000		01/23/12 10:03	79-01-6	
Trichlorofluoromethane	<790	ug/L	1000	790	1000		01/23/12 10:03	75-69-4	
1,2,3-Trichloropropane	<990	ug/L	1000	990	1000		01/23/12 10:03	96-18-4	
1,2,4-Trimethylbenzene	<970	ug/L	1000	970	1000		01/23/12 10:03	95-63-6	
1,3,5-Trimethylbenzene	<830	ug/L	1000	830	1000		01/23/12 10:03	108-67-8	
Vinyl chloride	257J	ug/L	1000	180	1000		01/23/12 10:03	75-01-4	
m&p-Xylene	<1800	ug/L	2000	1800	1000		01/23/12 10:03	179601-23-1	
o-Xylene	<830	ug/L	1000	830	1000		01/23/12 10:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96 %		70-130		1000		01/23/12 10:03	460-00-4	
Dibromofluoromethane (S)	95 %		70-130		1000		01/23/12 10:03	1868-53-7	
Toluene-d8 (S)	101 %		70-130		1000		01/23/12 10:03	2037-26-5	

ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

Sample: MW-10 Lab ID: 4055946010 Collected: 01/16/12 11:10 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41	ug/L	1.0	0.41	1		01/20/12 13:48	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		01/20/12 13:48	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		01/20/12 13:48	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		01/20/12 13:48	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		01/20/12 13:48	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		01/20/12 13:48	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		01/20/12 13:48	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		01/20/12 13:48	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 13:48	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		01/20/12 13:48	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		01/20/12 13:48	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		01/20/12 13:48	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/20/12 13:48	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		01/20/12 13:48	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		01/20/12 13:48	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		01/20/12 13:48	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		01/20/12 13:48	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		01/20/12 13:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		01/20/12 13:48	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		01/20/12 13:48	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 13:48	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		01/20/12 13:48	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		01/20/12 13:48	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		01/20/12 13:48	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		01/20/12 13:48	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		01/20/12 13:48	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		01/20/12 13:48	75-35-4	
cis-1,2-Dichloroethene	10.7	ug/L	1.0	0.83	1		01/20/12 13:48	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		01/20/12 13:48	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		01/20/12 13:48	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		01/20/12 13:48	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		01/20/12 13:48	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		01/20/12 13:48	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		01/20/12 13:48	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		01/20/12 13:48	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		01/20/12 13:48	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		01/20/12 13:48	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		01/20/12 13:48	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		01/20/12 13:48	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		01/20/12 13:48	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		01/20/12 13:48	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		01/20/12 13:48	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		01/20/12 13:48	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		01/20/12 13:48	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		01/20/12 13:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		01/20/12 13:48	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-10 Lab ID: 4055946010 Collected: 01/16/12 11:10 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		01/20/12 13:48	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		01/20/12 13:48	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		01/20/12 13:48	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		01/20/12 13:48	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	5.0	0.97	1		01/20/12 13:48	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		01/20/12 13:48	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		01/20/12 13:48	79-00-5	
Trichloroethene	1.0	ug/L	1.0	0.48	1		01/20/12 13:48	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		01/20/12 13:48	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		01/20/12 13:48	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 13:48	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 13:48	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		01/20/12 13:48	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		01/20/12 13:48	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		01/20/12 13:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94 %		70-130		1		01/20/12 13:48	460-00-4	
Dibromofluoromethane (S)	91 %		70-130		1		01/20/12 13:48	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		01/20/12 13:48	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-11 Lab ID: 4055946011 Collected: 01/16/12 09:50 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41	ug/L	1.0	0.41	1		01/20/12 11:31	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		01/20/12 11:31	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		01/20/12 11:31	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		01/20/12 11:31	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		01/20/12 11:31	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		01/20/12 11:31	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		01/20/12 11:31	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		01/20/12 11:31	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 11:31	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		01/20/12 11:31	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		01/20/12 11:31	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		01/20/12 11:31	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/20/12 11:31	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		01/20/12 11:31	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		01/20/12 11:31	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		01/20/12 11:31	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		01/20/12 11:31	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		01/20/12 11:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		01/20/12 11:31	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		01/20/12 11:31	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 11:31	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		01/20/12 11:31	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		01/20/12 11:31	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		01/20/12 11:31	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		01/20/12 11:31	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		01/20/12 11:31	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		01/20/12 11:31	75-35-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		01/20/12 11:31	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		01/20/12 11:31	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		01/20/12 11:31	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		01/20/12 11:31	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		01/20/12 11:31	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		01/20/12 11:31	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		01/20/12 11:31	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		01/20/12 11:31	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		01/20/12 11:31	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		01/20/12 11:31	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		01/20/12 11:31	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		01/20/12 11:31	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		01/20/12 11:31	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		01/20/12 11:31	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		01/20/12 11:31	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		01/20/12 11:31	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		01/20/12 11:31	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		01/20/12 11:31	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		01/20/12 11:31	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-11 Lab ID: 4055946011 Collected: 01/16/12 09:50 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		01/20/12 11:31	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		01/20/12 11:31	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		01/20/12 11:31	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		01/20/12 11:31	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	5.0	0.97	1		01/20/12 11:31	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		01/20/12 11:31	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		01/20/12 11:31	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		01/20/12 11:31	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		01/20/12 11:31	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		01/20/12 11:31	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 11:31	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 11:31	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		01/20/12 11:31	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		01/20/12 11:31	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		01/20/12 11:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94 %		70-130		1		01/20/12 11:31	460-00-4	
Dibromofluoromethane (S)	91 %		70-130		1		01/20/12 11:31	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		01/20/12 11:31	2037-26-5	

ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

Sample: MW-12 Lab ID: 4055946012 Collected: 01/16/12 10:30 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41 ug/L		1.0	0.41	1		01/20/12 11:54	71-43-2	
Bromobenzene	<0.82 ug/L		1.0	0.82	1		01/20/12 11:54	108-86-1	
Bromochloromethane	<0.97 ug/L		1.0	0.97	1		01/20/12 11:54	74-97-5	
Bromodichloromethane	<0.56 ug/L		1.0	0.56	1		01/20/12 11:54	75-27-4	
Bromoform	<0.94 ug/L		1.0	0.94	1		01/20/12 11:54	75-25-2	
Bromomethane	<0.91 ug/L		1.0	0.91	1		01/20/12 11:54	74-83-9	
n-Butylbenzene	<0.93 ug/L		1.0	0.93	1		01/20/12 11:54	104-51-8	
sec-Butylbenzene	<0.89 ug/L		5.0	0.89	1		01/20/12 11:54	135-98-8	
tert-Butylbenzene	<0.97 ug/L		1.0	0.97	1		01/20/12 11:54	98-06-6	
Carbon tetrachloride	<0.49 ug/L		1.0	0.49	1		01/20/12 11:54	56-23-5	
Chlorobenzene	<0.41 ug/L		1.0	0.41	1		01/20/12 11:54	108-90-7	
Chloroethane	<0.97 ug/L		1.0	0.97	1		01/20/12 11:54	75-00-3	
Chloroform	<1.3 ug/L		5.0	1.3	1		01/20/12 11:54	67-66-3	
Chloromethane	<0.24 ug/L		1.0	0.24	1		01/20/12 11:54	74-87-3	
2-Chlorotoluene	<0.85 ug/L		1.0	0.85	1		01/20/12 11:54	95-49-8	
4-Chlorotoluene	<0.74 ug/L		1.0	0.74	1		01/20/12 11:54	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7 ug/L		5.0	1.7	1		01/20/12 11:54	96-12-8	
Dibromochloromethane	<0.81 ug/L		1.0	0.81	1		01/20/12 11:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.56 ug/L		1.0	0.56	1		01/20/12 11:54	106-93-4	
Dibromomethane	<0.60 ug/L		1.0	0.60	1		01/20/12 11:54	74-95-3	
1,2-Dichlorobenzene	<0.83 ug/L		1.0	0.83	1		01/20/12 11:54	95-50-1	
1,3-Dichlorobenzene	<0.87 ug/L		1.0	0.87	1		01/20/12 11:54	541-73-1	
1,4-Dichlorobenzene	<0.95 ug/L		1.0	0.95	1		01/20/12 11:54	106-46-7	
Dichlorodifluoromethane	<0.99 ug/L		1.0	0.99	1		01/20/12 11:54	75-71-8	
1,1-Dichloroethane	<0.75 ug/L		1.0	0.75	1		01/20/12 11:54	75-34-3	
1,2-Dichloroethane	<0.36 ug/L		1.0	0.36	1		01/20/12 11:54	107-06-2	
1,1-Dichloroethene	<0.57 ug/L		1.0	0.57	1		01/20/12 11:54	75-35-4	
cis-1,2-Dichloroethene	<0.83 ug/L		1.0	0.83	1		01/20/12 11:54	156-59-2	
trans-1,2-Dichloroethene	<0.89 ug/L		1.0	0.89	1		01/20/12 11:54	156-60-5	
1,2-Dichloropropane	<0.49 ug/L		1.0	0.49	1		01/20/12 11:54	78-87-5	
1,3-Dichloropropane	<0.61 ug/L		1.0	0.61	1		01/20/12 11:54	142-28-9	
2,2-Dichloropropane	<0.62 ug/L		1.0	0.62	1		01/20/12 11:54	594-20-7	
1,1-Dichloropropene	<0.75 ug/L		1.0	0.75	1		01/20/12 11:54	563-58-6	
cis-1,3-Dichloropropene	<0.20 ug/L		1.0	0.20	1		01/20/12 11:54	10061-01-5	
trans-1,3-Dichloropropene	<0.19 ug/L		1.0	0.19	1		01/20/12 11:54	10061-02-6	
Diisopropyl ether	<0.76 ug/L		1.0	0.76	1		01/20/12 11:54	108-20-3	
Ethylbenzene	<0.54 ug/L		1.0	0.54	1		01/20/12 11:54	100-41-4	
Hexachloro-1,3-butadiene	<0.67 ug/L		5.0	0.67	1		01/20/12 11:54	87-68-3	
Isopropylbenzene (Cumene)	<0.59 ug/L		1.0	0.59	1		01/20/12 11:54	98-82-8	
p-Isopropyltoluene	<0.67 ug/L		1.0	0.67	1		01/20/12 11:54	99-87-6	
Methylene Chloride	<0.43 ug/L		1.0	0.43	1		01/20/12 11:54	75-09-2	
Methyl-tert-butyl ether	<0.61 ug/L		1.0	0.61	1		01/20/12 11:54	1634-04-4	
Naphthalene	<0.89 ug/L		5.0	0.89	1		01/20/12 11:54	91-20-3	
n-Propylbenzene	<0.81 ug/L		1.0	0.81	1		01/20/12 11:54	103-65-1	
Styrene	<0.86 ug/L		1.0	0.86	1		01/20/12 11:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92 ug/L		1.0	0.92	1		01/20/12 11:54	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-12 Lab ID: 4055946012 Collected: 01/16/12 10:30 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		01/20/12 11:54	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		01/20/12 11:54	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		01/20/12 11:54	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		01/20/12 11:54	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	5.0	0.97	1		01/20/12 11:54	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		01/20/12 11:54	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		01/20/12 11:54	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		01/20/12 11:54	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		01/20/12 11:54	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		01/20/12 11:54	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 11:54	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 11:54	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		01/20/12 11:54	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		01/20/12 11:54	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		01/20/12 11:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94 %		70-130		1		01/20/12 11:54	460-00-4	
Dibromofluoromethane (S)	91 %		70-130		1		01/20/12 11:54	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		01/20/12 11:54	2037-26-5	

ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

Sample: MW-13 Lab ID: 4055946013 Collected: 01/16/12 12:10 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	<0.41	ug/L	1.0	0.41	1		01/20/12 12:17	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		01/20/12 12:17	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		01/20/12 12:17	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		01/20/12 12:17	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		01/20/12 12:17	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		01/20/12 12:17	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		01/20/12 12:17	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		01/20/12 12:17	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 12:17	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		01/20/12 12:17	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		01/20/12 12:17	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		01/20/12 12:17	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/20/12 12:17	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		01/20/12 12:17	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		01/20/12 12:17	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		01/20/12 12:17	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		01/20/12 12:17	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		01/20/12 12:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		01/20/12 12:17	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		01/20/12 12:17	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 12:17	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		01/20/12 12:17	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		01/20/12 12:17	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		01/20/12 12:17	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		01/20/12 12:17	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		01/20/12 12:17	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		01/20/12 12:17	75-35-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		01/20/12 12:17	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		01/20/12 12:17	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		01/20/12 12:17	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		01/20/12 12:17	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		01/20/12 12:17	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		01/20/12 12:17	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		01/20/12 12:17	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		01/20/12 12:17	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		01/20/12 12:17	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		01/20/12 12:17	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		01/20/12 12:17	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		01/20/12 12:17	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		01/20/12 12:17	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		01/20/12 12:17	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		01/20/12 12:17	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		01/20/12 12:17	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		01/20/12 12:17	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		01/20/12 12:17	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		01/20/12 12:17	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: MW-13 Lab ID: 4055946013 Collected: 01/16/12 12:10 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		01/20/12 12:17	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		01/20/12 12:17	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		01/20/12 12:17	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		01/20/12 12:17	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	5.0	0.97	1		01/20/12 12:17	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		01/20/12 12:17	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		01/20/12 12:17	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		01/20/12 12:17	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		01/20/12 12:17	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		01/20/12 12:17	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 12:17	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 12:17	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		01/20/12 12:17	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		01/20/12 12:17	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		01/20/12 12:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95 %		70-130		1		01/20/12 12:17	460-00-4	
Dibromofluoromethane (S)	92 %		70-130		1		01/20/12 12:17	1868-53-7	
Toluene-d8 (S)	100 %		70-130		1		01/20/12 12:17	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: PZ-2 Lab ID: 4055946014 Collected: 01/16/12 15:55 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41	ug/L	1.0	0.41	1		01/20/12 12:40	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		01/20/12 12:40	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		01/20/12 12:40	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		01/20/12 12:40	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		01/20/12 12:40	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		01/20/12 12:40	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		01/20/12 12:40	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		01/20/12 12:40	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 12:40	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		01/20/12 12:40	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		01/20/12 12:40	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		01/20/12 12:40	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		01/20/12 12:40	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		01/20/12 12:40	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		01/20/12 12:40	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		01/20/12 12:40	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		01/20/12 12:40	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		01/20/12 12:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		01/20/12 12:40	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		01/20/12 12:40	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 12:40	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		01/20/12 12:40	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		01/20/12 12:40	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		01/20/12 12:40	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		01/20/12 12:40	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		01/20/12 12:40	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		01/20/12 12:40	75-35-4	
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.83	1		01/20/12 12:40	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		01/20/12 12:40	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		01/20/12 12:40	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		01/20/12 12:40	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		01/20/12 12:40	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		01/20/12 12:40	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		01/20/12 12:40	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		01/20/12 12:40	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		01/20/12 12:40	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		01/20/12 12:40	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		01/20/12 12:40	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		01/20/12 12:40	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		01/20/12 12:40	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		01/20/12 12:40	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		01/20/12 12:40	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		01/20/12 12:40	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		01/20/12 12:40	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		01/20/12 12:40	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		01/20/12 12:40	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: PZ-2 Lab ID: 4055946014 Collected: 01/16/12 15:55 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		01/20/12 12:40	79-34-5	
Tetrachloroethene	6.4	ug/L	1.0	0.45	1		01/20/12 12:40	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		01/20/12 12:40	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		01/20/12 12:40	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	5.0	0.97	1		01/20/12 12:40	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		01/20/12 12:40	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		01/20/12 12:40	79-00-5	
Trichloroethene	4.7	ug/L	1.0	0.48	1		01/20/12 12:40	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		01/20/12 12:40	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		01/20/12 12:40	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 12:40	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 12:40	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		01/20/12 12:40	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		01/20/12 12:40	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		01/20/12 12:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93 %		70-130		1		01/20/12 12:40	460-00-4	
Dibromofluoromethane (S)	91 %		70-130		1		01/20/12 12:40	1868-53-7	
Toluene-d8 (S)	99 %		70-130		1		01/20/12 12:40	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: TRIP BLANK Lab ID: 4055946015 Collected: 01/16/12 00:00 Received: 01/19/12 09:15 Matrix: Water

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



ANALYTICAL RESULTS

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Sample: TRIP BLANK Lab ID: 4055946015 Collected: 01/16/12 00:00 Received: 01/19/12 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		01/20/12 10:00	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		01/20/12 10:00	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		01/20/12 10:00	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		01/20/12 10:00	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	5.0	0.97	1		01/20/12 10:00	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		01/20/12 10:00	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		01/20/12 10:00	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		01/20/12 10:00	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		01/20/12 10:00	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		01/20/12 10:00	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		01/20/12 10:00	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		01/20/12 10:00	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		01/20/12 10:00	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		01/20/12 10:00	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		01/20/12 10:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93 %		70-130		1		01/20/12 10:00	460-00-4	
Dibromofluoromethane (S)	92 %		70-130		1		01/20/12 10:00	1868-53-7	
Toluene-d8 (S)	98 %		70-130		1		01/20/12 10:00	2037-26-5	

QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

QC Batch: MSV/13900 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4055946001, 4055946002, 4055946003, 4055946004, 4055946005, 4055946006, 4055946007, 4055946008, 4055946009, 4055946010, 4055946011, 4055946012, 4055946013, 4055946014, 4055946015

METHOD BLANK: 558653 Matrix: Water
Associated Lab Samples: 4055946001, 4055946002, 4055946003, 4055946004, 4055946005, 4055946006, 4055946007, 4055946008, 4055946009, 4055946010, 4055946011, 4055946012, 4055946013, 4055946014, 4055946015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	01/20/12 07:43	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	01/20/12 07:43	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	01/20/12 07:43	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	01/20/12 07:43	
1,1-Dichloroethane	ug/L	<0.75	1.0	01/20/12 07:43	
1,1-Dichloroethene	ug/L	<0.57	1.0	01/20/12 07:43	
1,1-Dichloropropene	ug/L	<0.75	1.0	01/20/12 07:43	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	01/20/12 07:43	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	01/20/12 07:43	
1,2,4-Trichlorobenzene	ug/L	<0.97	5.0	01/20/12 07:43	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	01/20/12 07:43	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	01/20/12 07:43	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	01/20/12 07:43	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	01/20/12 07:43	
1,2-Dichloroethane	ug/L	<0.36	1.0	01/20/12 07:43	
1,2-Dichloropropane	ug/L	<0.49	1.0	01/20/12 07:43	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	01/20/12 07:43	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	01/20/12 07:43	
1,3-Dichloropropane	ug/L	<0.61	1.0	01/20/12 07:43	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	01/20/12 07:43	
2,2-Dichloropropane	ug/L	<0.62	1.0	01/20/12 07:43	
2-Chlorotoluene	ug/L	<0.85	1.0	01/20/12 07:43	
4-Chlorotoluene	ug/L	<0.74	1.0	01/20/12 07:43	
Benzene	ug/L	<0.41	1.0	01/20/12 07:43	
Bromobenzene	ug/L	<0.82	1.0	01/20/12 07:43	
Bromochloromethane	ug/L	<0.97	1.0	01/20/12 07:43	
Bromodichloromethane	ug/L	<0.56	1.0	01/20/12 07:43	
Bromoform	ug/L	<0.94	1.0	01/20/12 07:43	
Bromomethane	ug/L	<0.91	1.0	01/20/12 07:43	
Carbon tetrachloride	ug/L	<0.49	1.0	01/20/12 07:43	
Chlorobenzene	ug/L	<0.41	1.0	01/20/12 07:43	
Chloroethane	ug/L	<0.97	1.0	01/20/12 07:43	
Chloroform	ug/L	<1.3	5.0	01/20/12 07:43	
Chloromethane	ug/L	<0.24	1.0	01/20/12 07:43	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	01/20/12 07:43	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	01/20/12 07:43	
Dibromochloromethane	ug/L	<0.81	1.0	01/20/12 07:43	
Dibromomethane	ug/L	<0.60	1.0	01/20/12 07:43	
Dichlorodifluoromethane	ug/L	<0.99	1.0	01/20/12 07:43	
Diisopropyl ether	ug/L	<0.76	1.0	01/20/12 07:43	
Ethylbenzene	ug/L	<0.54	1.0	01/20/12 07:43	



QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

METHOD BLANK: 558653 Matrix: Water
 Associated Lab Samples: 4055946001, 4055946002, 4055946003, 4055946004, 4055946005, 4055946006, 4055946007, 4055946008,
 4055946009, 4055946010, 4055946011, 4055946012, 4055946013, 4055946014, 4055946015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	01/20/12 07:43	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	01/20/12 07:43	
m&p-Xylene	ug/L	<1.8	2.0	01/20/12 07:43	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	01/20/12 07:43	
Methylene Chloride	ug/L	<0.43	1.0	01/20/12 07:43	
n-Butylbenzene	ug/L	<0.93	1.0	01/20/12 07:43	
n-Propylbenzene	ug/L	<0.81	1.0	01/20/12 07:43	
Naphthalene	ug/L	<0.89	5.0	01/20/12 07:43	
o-Xylene	ug/L	<0.83	1.0	01/20/12 07:43	
p-Isopropyltoluene	ug/L	<0.67	1.0	01/20/12 07:43	
sec-Butylbenzene	ug/L	<0.89	5.0	01/20/12 07:43	
Styrene	ug/L	<0.86	1.0	01/20/12 07:43	
tert-Butylbenzene	ug/L	<0.97	1.0	01/20/12 07:43	
Tetrachloroethene	ug/L	<0.45	1.0	01/20/12 07:43	
Toluene	ug/L	<0.67	1.0	01/20/12 07:43	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	01/20/12 07:43	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	01/20/12 07:43	
Trichloroethene	ug/L	<0.48	1.0	01/20/12 07:43	
Trichlorofluoromethane	ug/L	<0.79	1.0	01/20/12 07:43	
Vinyl chloride	ug/L	<0.18	1.0	01/20/12 07:43	
4-Bromofluorobenzene (S)	%	94	70-130	01/20/12 07:43	
Dibromofluoromethane (S)	%	91	70-130	01/20/12 07:43	
Toluene-d8 (S)	%	101	70-130	01/20/12 07:43	

LABORATORY CONTROL SAMPLE & LCSD: 558654 558655

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	51.8	102	104	70-133	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	51.1	49.1	102	98	70-130	4	20	
1,1,2-Trichloroethane	ug/L	50	52.4	51.1	105	102	70-130	3	20	
1,1-Dichloroethane	ug/L	50	47.7	48.1	95	96	70-130	.9	20	
1,1-Dichloroethene	ug/L	50	47.6	48.3	95	97	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	50	54.7	56.5	109	113	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	45.9	44.0	92	88	50-150	4	20	
1,2-Dibromoethane (EDB)	ug/L	50	53.4	53.0	107	106	70-130	.7	20	
1,2-Dichlorobenzene	ug/L	50	52.7	54.1	105	108	70-130	3	20	
1,2-Dichloroethane	ug/L	50	50.5	49.8	101	100	70-145	1	20	
1,2-Dichloropropane	ug/L	50	51.0	50.8	102	102	70-130	.5	20	
1,3-Dichlorobenzene	ug/L	50	52.3	53.1	105	106	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	52.1	53.4	104	107	70-130	3	20	
Benzene	ug/L	50	48.5	49.1	97	98	70-130	1	20	
Bromodichloromethane	ug/L	50	45.5	45.4	91	91	70-130	.2	20	
Bromoform	ug/L	50	49.2	49.3	98	99	70-130	.2	20	
Bromomethane	ug/L	50	48.0	52.1	96	104	52-155	8	20	

QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

LABORATORY CONTROL SAMPLE & LCSD: 558654		558655								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	55.3	56.7	111	113	70-153	3	20	
Chlorobenzene	ug/L	50	52.0	53.1	104	106	70-130	2	20	
Chloroethane	ug/L	50	50.1	52.9	100	106	70-130	5	20	
Chloroform	ug/L	50	49.4	50.1	99	100	70-130	1	20	
Chloromethane	ug/L	50	48.6	48.9	97	98	50-130	.6	20	
cis-1,2-Dichloroethene	ug/L	50	48.3	47.9	97	96	70-130	.8	20	
cis-1,3-Dichloropropene	ug/L	50	55.4	55.6	111	111	70-130	.3	20	
Dibromochloromethane	ug/L	50	51.1	51.8	102	104	70-130	2	20	
Dichlorodifluoromethane	ug/L	50	51.3	51.9	103	104	50-150	1	20	
Ethylbenzene	ug/L	50	53.1	54.6	106	109	70-130	3	20	
Isopropylbenzene (Cumene)	ug/L	50	55.6	57.1	111	114	70-130	3	20	
m&p-Xylene	ug/L	100	109	112	109	112	70-130	2	20	
Methyl-tert-butyl ether	ug/L	50	48.7	47.6	97	95	70-130	2	20	
Methylene Chloride	ug/L	50	47.2	48.3	94	97	70-130	2	20	
o-Xylene	ug/L	50	54.4	55.5	109	111	70-130	2	20	
Styrene	ug/L	50	56.1	56.8	112	114	70-130	1	20	
Tetrachloroethene	ug/L	50	54.6	54.8	109	110	70-130	.3	20	
Toluene	ug/L	50	51.3	52.9	103	106	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	50	48.5	49.1	97	98	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	43.7	43.9	87	88	70-130	.5	20	
Trichloroethene	ug/L	50	52.4	52.7	105	105	70-130	.5	20	
Trichlorofluoromethane	ug/L	50	50.9	51.0	102	102	50-150	.2	20	
Vinyl chloride	ug/L	50	50.0	50.9	100	102	66-130	2	20	
4-Bromofluorobenzene (S)	%				96	97	70-130			
Dibromofluoromethane (S)	%				93	96	70-130			
Toluene-d8 (S)	%				98	101	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 558683		558684											
Parameter	Units	4055946008		MS Spike	MSD Spike	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Conc.	Result	Result	% Rec	% Rec				
1,1,1-Trichloroethane	ug/L	<0.90	50	50	50.9	50.2	102	100	100	70-133	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	49.8	51.0	100	102	102	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	52.5	51.9	105	104	104	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	47.2	46.6	94	93	93	70-133	1	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	47.4	47.6	95	95	95	70-130	.5	20	
1,2,4-Trichlorobenzene	ug/L	<0.97	50	50	53.0	52.8	104	104	104	70-130	.3	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	50	50	43.0	44.4	86	89	89	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.56	50	50	53.1	53.5	106	107	107	70-130	.7	20	
1,2-Dichlorobenzene	ug/L	<0.83	50	50	52.0	51.2	104	102	102	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	49.0	49.5	98	99	99	70-145	1	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	51.7	51.3	103	103	103	70-130	.8	20	
1,3-Dichlorobenzene	ug/L	<0.87	50	50	50.7	50.8	101	102	102	70-130	.2	20	
1,4-Dichlorobenzene	ug/L	<0.95	50	50	51.1	50.9	102	102	102	70-130	.3	20	
Benzene	ug/L	<0.41	50	50	48.1	47.9	96	96	96	70-130	.4	20	
Bromodichloromethane	ug/L	<0.56	50	50	45.4	45.7	91	91	91	70-130	.5	20	
Bromoform	ug/L	<0.94	50	50	50.1	49.7	100	99	99	70-130	.7	20	

Date: 01/23/2012 03:33 PM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15807 K&W MANUFACTURING
 Pace Project No.: 4055946

Parameter	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 558683			558684			MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
	4055946008 Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					
Bromomethane	ug/L	<0.91	50	50	50.3	50.4	101	101	52-155	.4	20
Carbon tetrachloride	ug/L	<0.49	50	50	55.5	54.5	111	109	70-158	2	20
Chlorobenzene	ug/L	<0.41	50	50	52.9	51.5	106	103	70-130	3	20
Chloroethane	ug/L	<0.97	50	50	50.9	49.4	102	99	70-130	3	20
Chloroform	ug/L	<1.3	50	50	48.7	48.7	97	97	70-130	.1	20
Chloromethane	ug/L	<0.24	50	50	46.8	45.4	94	91	46-130	3	20
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	47.4	47.2	95	94	70-130	.5	20
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	56.2	56.1	112	112	70-130	.3	20
Dibromochloromethane	ug/L	<0.81	50	50	52.3	51.4	105	103	70-130	2	20
Dichlorodifluoromethane	ug/L	<0.99	50	50	48.9	48.4	98	97	50-150	1	20
Ethylbenzene	ug/L	<0.54	50	50	54.0	52.4	108	105	70-130	3	20
Isopropylbenzene (Cumene)	ug/L	<0.59	50	50	56.4	55.1	113	110	70-130	2	20
m&p-Xylene	ug/L	<1.8	100	100	110	108	110	108	70-130	2	20
Methyl-tert-butyl ether	ug/L	<0.61	50	50	47.5	49.7	95	99	70-130	5	20
Methylene Chloride	ug/L	<0.43	50	50	47.2	47.6	94	95	70-130	.8	20
o-Xylene	ug/L	<0.83	50	50	54.8	53.8	110	108	70-130	2	20
Styrene	ug/L	<0.86	50	50	55.3	55.0	111	110	19-157	.5	20
Tetrachloroethene	ug/L	<0.45	50	50	54.3	52.8	109	106	70-130	3	20
Toluene	ug/L	<0.67	50	50	52.7	51.7	105	103	70-130	2	20
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	47.3	49.7	95	99	70-130	5	20
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	44.3	44.1	89	88	70-130	.5	20
Trichloroethene	ug/L	<0.48	50	50	52.1	52.3	104	105	70-130	.4	20
Trichlorofluoromethane	ug/L	<0.79	50	50	49.1	49.6	98	99	50-150	1	20
Vinyl chloride	ug/L	<0.18	50	50	49.5	49.3	99	99	62-130	.5	20
4-Bromofluorobenzene (S)	%						97	96	70-130		
Dibromofluoromethane (S)	%						93	95	70-130		
Toluene-d8 (S)	%						100	99	70-130		

QUALIFIERS

Project: 15807 K&W MANUFACTURING
Pace Project No.: 4055946

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.

SG - Silica Gel - Clean-Up

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

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.



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

July 08, 2011

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

RE: Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Dear Rich Gnat:

Enclosed are the analytical results for sample(s) received by the laboratory on July 06, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888

New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4047928001	MW-1	Water	06/30/11 10:50	07/06/11 08:40
4047928002	MW-2	Water	06/30/11 10:15	07/06/11 08:40
4047928003	MW-3	Water	06/30/11 15:10	07/06/11 08:40
4047928004	MW-4	Water	06/30/11 12:20	07/06/11 08:40
4047928005	MW-5	Water	06/30/11 08:55	07/06/11 08:40
4047928006	MW-6	Water	06/30/11 15:55	07/06/11 08:40
4047928007	MW-7	Water	06/30/11 14:00	07/06/11 08:40
4047928008	MW-8	Water	06/30/11 09:00	07/06/11 08:40
4047928009	MW-9	Water	06/30/11 09:50	07/06/11 08:40
4047928010	MW-10	Water	06/30/11 11:35	07/06/11 08:40
4047928011	MW-11	Water	06/30/11 11:00	07/06/11 08:40
4047928012	MW-12	Water	06/30/11 10:30	07/06/11 08:40
4047928013	MW-13	Water	07/05/11 08:00	07/06/11 08:40
4047928014	PZ-2	Water	06/30/11 14:55	07/06/11 08:40
4047928015	DUPLICATE	Water	06/30/11 00:00	07/06/11 08:40
4047928016	TRIP BLANK	Water	06/30/11 00:00	07/06/11 08:40

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SAMPLE ANALYTE COUNT

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4047928001	MW-1	EPA 8260	SMT	64	PASI-G
4047928002	MW-2	EPA 8260	SMT	64	PASI-G
4047928003	MW-3	EPA 8260	SMT	64	PASI-G
4047928004	MW-4	EPA 8260	SMT	64	PASI-G
4047928005	MW-5	EPA 8260	SMT	64	PASI-G
4047928006	MW-6	EPA 8260	SMT	64	PASI-G
4047928007	MW-7	EPA 8260	SMT	64	PASI-G
4047928008	MW-8	EPA 8260	SMT	64	PASI-G
4047928009	MW-9	EPA 8260	SMT	64	PASI-G
4047928010	MW-10	EPA 8260	SMT	64	PASI-G
4047928011	MW-11	EPA 8260	SMT	64	PASI-G
4047928012	MW-12	EPA 8260	SMT	64	PASI-G
4047928013	MW-13	EPA 8260	SMT	64	PASI-G
4047928014	PZ-2	EPA 8260	JJB	64	PASI-G
4047928015	DUPLICATE	EPA 8260	SMT	64	PASI-G
4047928016	TRIP BLANK	EPA 8260	SMT	64	PASI-G

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-1 Lab ID: 4047928001 Collected: 06/30/11 10:50 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	<102	ug/L	250	102	250		07/07/11 11:18	71-43-2	
Bromobenzene	<205	ug/L	250	205	250		07/07/11 11:18	108-86-1	
Bromochloromethane	<242	ug/L	250	242	250		07/07/11 11:18	74-97-5	
Bromodichloromethane	<140	ug/L	250	140	250		07/07/11 11:18	75-27-4	
Bromoform	<235	ug/L	250	235	250		07/07/11 11:18	75-25-2	
Bromomethane	<228	ug/L	250	228	250		07/07/11 11:18	74-83-9	
n-Butylbenzene	<232	ug/L	250	232	250		07/07/11 11:18	104-51-8	
sec-Butylbenzene	<222	ug/L	1250	222	250		07/07/11 11:18	135-98-8	
tert-Butylbenzene	<242	ug/L	250	242	250		07/07/11 11:18	98-06-6	
Carbon tetrachloride	<122	ug/L	250	122	250		07/07/11 11:18	56-23-5	
Chlorobenzene	<102	ug/L	250	102	250		07/07/11 11:18	108-90-7	
Chloroethane	<242	ug/L	250	242	250		07/07/11 11:18	75-00-3	
Chloroform	<325	ug/L	1250	325	250		07/07/11 11:18	67-66-3	
Chloromethane	<60.0	ug/L	250	60.0	250		07/07/11 11:18	74-87-3	
2-Chlorotoluene	<212	ug/L	250	212	250		07/07/11 11:18	95-49-8	
4-Chlorotoluene	<185	ug/L	250	185	250		07/07/11 11:18	106-43-4	
1,2-Dibromo-3-chloropropane	<420	ug/L	1250	420	250		07/07/11 11:18	96-12-8	
Dibromochloromethane	<202	ug/L	250	202	250		07/07/11 11:18	124-48-1	
1,2-Dibromoethane (EDB)	<140	ug/L	250	140	250		07/07/11 11:18	106-93-4	
Dibromomethane	<150	ug/L	250	150	250		07/07/11 11:18	74-95-3	
1,2-Dichlorobenzene	<208	ug/L	250	208	250		07/07/11 11:18	95-50-1	
1,3-Dichlorobenzene	<218	ug/L	250	218	250		07/07/11 11:18	541-73-1	
1,4-Dichlorobenzene	<238	ug/L	250	238	250		07/07/11 11:18	106-46-7	
Dichlorodifluoromethane	<248	ug/L	250	248	250		07/07/11 11:18	75-71-8	
1,1-Dichloroethane	<188	ug/L	250	188	250		07/07/11 11:18	75-34-3	
1,2-Dichloroethane	<90.0	ug/L	250	90.0	250		07/07/11 11:18	107-06-2	
1,1-Dichloroethene	<142	ug/L	250	142	250		07/07/11 11:18	75-35-4	
cis-1,2-Dichloroethene	1260	ug/L	250	208	250		07/07/11 11:18	156-59-2	
trans-1,2-Dichloroethene	<222	ug/L	250	222	250		07/07/11 11:18	156-60-5	
1,2-Dichloropropane	<122	ug/L	250	122	250		07/07/11 11:18	78-87-5	
1,3-Dichloropropane	<152	ug/L	250	152	250		07/07/11 11:18	142-28-9	
2,2-Dichloropropane	<155	ug/L	250	155	250		07/07/11 11:18	594-20-7	
1,1-Dichloropropene	<188	ug/L	250	188	250		07/07/11 11:18	563-58-6	
cis-1,3-Dichloropropene	<50.0	ug/L	250	50.0	250		07/07/11 11:18	10061-01-5	
trans-1,3-Dichloropropene	<47.5	ug/L	250	47.5	250		07/07/11 11:18	10061-02-6	
Diisopropyl ether	<190	ug/L	250	190	250		07/07/11 11:18	108-20-3	
Ethylbenzene	<135	ug/L	250	135	250		07/07/11 11:18	100-41-4	
Hexachloro-1,3-butadiene	<168	ug/L	1250	168	250		07/07/11 11:18	87-68-3	
Isopropylbenzene (Cumene)	<148	ug/L	250	148	250		07/07/11 11:18	98-82-8	
p-Isopropyltoluene	<168	ug/L	250	168	250		07/07/11 11:18	99-87-6	
Methylene Chloride	165J	ug/L	250	108	250		07/07/11 11:18	75-09-2	Z3
Methyl-tert-butyl ether	<152	ug/L	250	152	250		07/07/11 11:18	1634-04-4	
Naphthalene	<222	ug/L	1250	222	250		07/07/11 11:18	91-20-3	
n-Propylbenzene	<202	ug/L	250	202	250		07/07/11 11:18	103-65-1	
Styrene	<215	ug/L	250	215	250		07/07/11 11:18	100-42-5	
1,1,1,2-Tetrachloroethane	<230	ug/L	250	230	250		07/07/11 11:18	630-20-6	

Date: 07/08/2011 04:32 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-1 Lab ID: 4047928001 Collected: 06/30/11 10:50 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<50.0	ug/L	250	50.0	250		07/07/11 11:18	79-34-5	
Tetrachloroethene	22700	ug/L	250	112	250		07/07/11 11:18	127-18-4	
Toluene	<168	ug/L	250	168	250		07/07/11 11:18	108-88-3	
1,2,3-Trichlorobenzene	<185	ug/L	250	185	250		07/07/11 11:18	87-61-6	
1,2,4-Trichlorobenzene	<242	ug/L	250	242	250		07/07/11 11:18	120-82-1	
1,1,1-Trichloroethane	<225	ug/L	250	225	250		07/07/11 11:18	71-55-6	
1,1,2-Trichloroethane	<105	ug/L	250	105	250		07/07/11 11:18	79-00-5	
Trichloroethene	539	ug/L	250	120	250		07/07/11 11:18	79-01-6	
Trichlorofluoromethane	<198	ug/L	250	198	250		07/07/11 11:18	75-69-4	
1,2,3-Trichloropropane	<248	ug/L	250	248	250		07/07/11 11:18	96-18-4	
1,2,4-Trimethylbenzene	<242	ug/L	250	242	250		07/07/11 11:18	95-63-6	
1,3,5-Trimethylbenzene	<208	ug/L	250	208	250		07/07/11 11:18	108-67-8	
Vinyl chloride	<45.0	ug/L	250	45.0	250		07/07/11 11:18	75-01-4	
m&p-Xylene	<450	ug/L	500	450	250		07/07/11 11:18	179601-23-1	
o-Xylene	<208	ug/L	250	208	250		07/07/11 11:18	95-47-6	
4-Bromofluorobenzene (S)	92	%	69-130		250		07/07/11 11:18	460-00-4	
Dibromofluoromethane (S)	107	%	70-134		250		07/07/11 11:18	1868-53-7	
Toluene-d8 (S)	102	%	70-130		250		07/07/11 11:18	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-2 Lab ID: 4047928002 Collected: 06/30/11 10:15 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<2.0 ug/L		5.0	2.0	5		07/07/11 13:57	71-43-2	
Bromobenzene	<4.1 ug/L		5.0	4.1	5		07/07/11 13:57	108-86-1	
Bromochloromethane	<4.8 ug/L		5.0	4.8	5		07/07/11 13:57	74-97-5	
Bromodichloromethane	<2.8 ug/L		5.0	2.8	5		07/07/11 13:57	75-27-4	
Bromoform	<4.7 ug/L		5.0	4.7	5		07/07/11 13:57	75-25-2	
Bromomethane	<4.6 ug/L		5.0	4.6	5		07/07/11 13:57	74-83-9	
n-Butylbenzene	<4.6 ug/L		5.0	4.6	5		07/07/11 13:57	104-51-8	
sec-Butylbenzene	<4.4 ug/L		25.0	4.4	5		07/07/11 13:57	135-98-8	
tert-Butylbenzene	<4.8 ug/L		5.0	4.8	5		07/07/11 13:57	98-06-6	
Carbon tetrachloride	<2.4 ug/L		5.0	2.4	5		07/07/11 13:57	56-23-5	
Chlorobenzene	<2.0 ug/L		5.0	2.0	5		07/07/11 13:57	108-90-7	
Chloroethane	<4.8 ug/L		5.0	4.8	5		07/07/11 13:57	75-00-3	
Chloroform	<6.5 ug/L		25.0	6.5	5		07/07/11 13:57	67-66-3	
Chloromethane	<1.2 ug/L		5.0	1.2	5		07/07/11 13:57	74-87-3	
2-Chlorotoluene	<4.2 ug/L		5.0	4.2	5		07/07/11 13:57	95-49-8	
4-Chlorotoluene	<3.7 ug/L		5.0	3.7	5		07/07/11 13:57	106-43-4	
1,2-Dibromo-3-chloropropane	<8.4 ug/L		25.0	8.4	5		07/07/11 13:57	96-12-8	
Dibromochloromethane	<4.0 ug/L		5.0	4.0	5		07/07/11 13:57	124-48-1	
1,2-Dibromoethane (EDB)	<2.8 ug/L		5.0	2.8	5		07/07/11 13:57	106-93-4	
Dibromomethane	<3.0 ug/L		5.0	3.0	5		07/07/11 13:57	74-95-3	
1,2-Dichlorobenzene	<4.2 ug/L		5.0	4.2	5		07/07/11 13:57	95-50-1	
1,3-Dichlorobenzene	<4.4 ug/L		5.0	4.4	5		07/07/11 13:57	541-73-1	
1,4-Dichlorobenzene	<4.8 ug/L		5.0	4.8	5		07/07/11 13:57	106-46-7	
Dichlorodifluoromethane	<5.0 ug/L		5.0	5.0	5		07/07/11 13:57	75-71-8	
1,1-Dichloroethane	<3.8 ug/L		5.0	3.8	5		07/07/11 13:57	75-34-3	
1,2-Dichloroethane	<1.8 ug/L		5.0	1.8	5		07/07/11 13:57	107-06-2	
1,1-Dichloroethene	<2.8 ug/L		5.0	2.8	5		07/07/11 13:57	75-35-4	
cis-1,2-Dichloroethene	<4.2 ug/L		5.0	4.2	5		07/07/11 13:57	156-59-2	
trans-1,2-Dichloroethene	<4.4 ug/L		5.0	4.4	5		07/07/11 13:57	156-60-5	
1,2-Dichloropropane	<2.4 ug/L		5.0	2.4	5		07/07/11 13:57	78-87-5	
1,3-Dichloropropane	<3.0 ug/L		5.0	3.0	5		07/07/11 13:57	142-28-9	
2,2-Dichloropropane	<3.1 ug/L		5.0	3.1	5		07/07/11 13:57	594-20-7	
1,1-Dichloropropene	<3.8 ug/L		5.0	3.8	5		07/07/11 13:57	563-58-6	
cis-1,3-Dichloropropene	<1.0 ug/L		5.0	1.0	5		07/07/11 13:57	10061-01-5	
trans-1,3-Dichloropropene	<0.95 ug/L		5.0	0.95	5		07/07/11 13:57	10061-02-6	
Diisopropyl ether	<3.8 ug/L		5.0	3.8	5		07/07/11 13:57	108-20-3	
Ethylbenzene	<2.7 ug/L		5.0	2.7	5		07/07/11 13:57	100-41-4	
Hexachloro-1,3-butadiene	<3.4 ug/L		25.0	3.4	5		07/07/11 13:57	87-68-3	
Isopropylbenzene (Cumene)	<3.0 ug/L		5.0	3.0	5		07/07/11 13:57	98-82-8	
p-Isopropyltoluene	<3.4 ug/L		5.0	3.4	5		07/07/11 13:57	99-87-6	
Methylene Chloride	<2.2 ug/L		5.0	2.2	5		07/07/11 13:57	75-09-2	
Methyl-tert-butyl ether	<3.0 ug/L		5.0	3.0	5		07/07/11 13:57	1634-04-4	
Naphthalene	<4.4 ug/L		25.0	4.4	5		07/07/11 13:57	91-20-3	
n-Propylbenzene	<4.0 ug/L		5.0	4.0	5		07/07/11 13:57	103-65-1	
Styrene	<4.3 ug/L		5.0	4.3	5		07/07/11 13:57	100-42-5	
1,1,1,2-Tetrachloroethane	<4.6 ug/L		5.0	4.6	5		07/07/11 13:57	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-2 Lab ID: 4047928002 Collected: 06/30/11 10:15 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.0	ug/L	5.0	1.0	5		07/07/11 13:57	79-34-5	
Tetrachloroethene	672	ug/L	5.0	2.2	5		07/07/11 13:57	127-18-4	
Toluene	<3.4	ug/L	5.0	3.4	5		07/07/11 13:57	108-88-3	
1,2,3-Trichlorobenzene	<3.7	ug/L	5.0	3.7	5		07/07/11 13:57	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	5.0	4.8	5		07/07/11 13:57	120-82-1	
1,1,1-Trichloroethane	<4.5	ug/L	5.0	4.5	5		07/07/11 13:57	71-55-6	
1,1,2-Trichloroethane	<2.1	ug/L	5.0	2.1	5		07/07/11 13:57	79-00-5	
Trichloroethene	<2.4	ug/L	5.0	2.4	5		07/07/11 13:57	79-01-6	
Trichlorofluoromethane	<4.0	ug/L	5.0	4.0	5		07/07/11 13:57	75-69-4	
1,2,3-Trichloropropane	<5.0	ug/L	5.0	5.0	5		07/07/11 13:57	96-18-4	
1,2,4-Trimethylbenzene	<4.8	ug/L	5.0	4.8	5		07/07/11 13:57	95-63-6	
1,3,5-Trimethylbenzene	<4.2	ug/L	5.0	4.2	5		07/07/11 13:57	108-67-8	
Vinyl chloride	<0.90	ug/L	5.0	0.90	5		07/07/11 13:57	75-01-4	
m&p-Xylene	<9.0	ug/L	10.0	9.0	5		07/07/11 13:57	179601-23-1	
o-Xylene	<4.2	ug/L	5.0	4.2	5		07/07/11 13:57	95-47-6	
4-Bromofluorobenzene (S)	92	%	69-130		5		07/07/11 13:57	460-00-4	
Dibromofluoromethane (S)	108	%	70-134		5		07/07/11 13:57	1868-53-7	HS,pH
Toluene-d8 (S)	101	%	70-130		5		07/07/11 13:57	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-3 Lab ID: 4047928003 Collected: 06/30/11 15:10 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41	ug/L	1.0	0.41	1		07/07/11 10:10	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		07/07/11 10:10	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		07/07/11 10:10	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		07/07/11 10:10	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		07/07/11 10:10	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		07/07/11 10:10	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		07/07/11 10:10	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		07/07/11 10:10	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		07/07/11 10:10	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/07/11 10:10	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		07/07/11 10:10	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		07/07/11 10:10	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		07/07/11 10:10	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		07/07/11 10:10	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		07/07/11 10:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		07/07/11 10:10	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		07/07/11 10:10	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:10	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		07/07/11 10:10	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		07/07/11 10:10	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		07/07/11 10:10	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		07/07/11 10:10	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		07/07/11 10:10	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		07/07/11 10:10	75-35-4	
cis-1,2-Dichloroethene	1.1	ug/L	1.0	0.83	1		07/07/11 10:10	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		07/07/11 10:10	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		07/07/11 10:10	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		07/07/11 10:10	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		07/07/11 10:10	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		07/07/11 10:10	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		07/07/11 10:10	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		07/07/11 10:10	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		07/07/11 10:10	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		07/07/11 10:10	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		07/07/11 10:10	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		07/07/11 10:10	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		07/07/11 10:10	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		07/07/11 10:10	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		07/07/11 10:10	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		07/07/11 10:10	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		07/07/11 10:10	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		07/07/11 10:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		07/07/11 10:10	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Sample: MW-3 Lab ID: 4047928003 Collected: 06/30/11 15:10 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		07/07/11 10:10	79-34-5	
Tetrachloroethene	54.5	ug/L	1.0	0.45	1		07/07/11 10:10	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		07/07/11 10:10	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		07/07/11 10:10	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		07/07/11 10:10	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		07/07/11 10:10	79-00-5	
Trichloroethene	7.7	ug/L	1.0	0.48	1		07/07/11 10:10	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		07/07/11 10:10	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		07/07/11 10:10	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:10	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/07/11 10:10	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		07/07/11 10:10	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:10	95-47-6	
4-Bromofluorobenzene (S)	91	%	69-130		1		07/07/11 10:10	460-00-4	
Dibromofluoromethane (S)	107	%	70-134		1		07/07/11 10:10	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		07/07/11 10:10	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Sample: MW-4 Lab ID: 4047928004 Collected: 06/30/11 12:20 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<164	ug/L	400	164	400		07/07/11 12:03	71-43-2	
Bromobenzene	<328	ug/L	400	328	400		07/07/11 12:03	108-86-1	
Bromochloromethane	<388	ug/L	400	388	400		07/07/11 12:03	74-97-5	
Bromodichloromethane	<224	ug/L	400	224	400		07/07/11 12:03	75-27-4	
Bromoform	<376	ug/L	400	376	400		07/07/11 12:03	75-25-2	
Bromomethane	<364	ug/L	400	364	400		07/07/11 12:03	74-83-9	
n-Butylbenzene	<372	ug/L	400	372	400		07/07/11 12:03	104-51-8	
sec-Butylbenzene	<356	ug/L	2000	356	400		07/07/11 12:03	135-98-8	
tert-Butylbenzene	<388	ug/L	400	388	400		07/07/11 12:03	98-06-6	
Carbon tetrachloride	<196	ug/L	400	196	400		07/07/11 12:03	56-23-5	
Chlorobenzene	<164	ug/L	400	164	400		07/07/11 12:03	108-90-7	
Chloroethane	<388	ug/L	400	388	400		07/07/11 12:03	75-00-3	
Chloroform	<520	ug/L	2000	520	400		07/07/11 12:03	67-66-3	
Chloromethane	<96.0	ug/L	400	96.0	400		07/07/11 12:03	74-87-3	
2-Chlorotoluene	<340	ug/L	400	340	400		07/07/11 12:03	95-49-8	
4-Chlorotoluene	<296	ug/L	400	296	400		07/07/11 12:03	106-43-4	
1,2-Dibromo-3-chloropropane	<672	ug/L	2000	672	400		07/07/11 12:03	96-12-8	
Dibromochloromethane	<324	ug/L	400	324	400		07/07/11 12:03	124-48-1	
1,2-Dibromoethane (EDB)	<224	ug/L	400	224	400		07/07/11 12:03	106-93-4	
Dibromomethane	<240	ug/L	400	240	400		07/07/11 12:03	74-95-3	
1,2-Dichlorobenzene	<332	ug/L	400	332	400		07/07/11 12:03	95-50-1	
1,3-Dichlorobenzene	<348	ug/L	400	348	400		07/07/11 12:03	541-73-1	
1,4-Dichlorobenzene	<380	ug/L	400	380	400		07/07/11 12:03	106-46-7	
Dichlorodifluoromethane	<396	ug/L	400	396	400		07/07/11 12:03	75-71-8	
1,1-Dichloroethane	<300	ug/L	400	300	400		07/07/11 12:03	75-34-3	
1,2-Dichloroethane	<144	ug/L	400	144	400		07/07/11 12:03	107-06-2	
1,1-Dichloroethene	<228	ug/L	400	228	400		07/07/11 12:03	75-35-4	
cis-1,2-Dichloroethene	1980	ug/L	400	332	400		07/07/11 12:03	156-59-2	
trans-1,2-Dichloroethene	<356	ug/L	400	356	400		07/07/11 12:03	156-80-5	
1,2-Dichloropropane	<196	ug/L	400	196	400		07/07/11 12:03	78-87-5	
1,3-Dichloropropane	<244	ug/L	400	244	400		07/07/11 12:03	142-28-9	
2,2-Dichloropropane	<248	ug/L	400	248	400		07/07/11 12:03	594-20-7	
1,1-Dichloropropene	<300	ug/L	400	300	400		07/07/11 12:03	563-58-6	
cis-1,3-Dichloropropene	<80.0	ug/L	400	80.0	400		07/07/11 12:03	10061-01-5	
trans-1,3-Dichloropropene	<76.0	ug/L	400	76.0	400		07/07/11 12:03	10061-02-6	
Diisopropyl ether	<304	ug/L	400	304	400		07/07/11 12:03	108-20-3	
Ethylbenzene	<216	ug/L	400	216	400		07/07/11 12:03	100-41-4	
Hexachloro-1,3-butadiene	<268	ug/L	2000	268	400		07/07/11 12:03	87-68-3	
Isopropylbenzene (Cumene)	<236	ug/L	400	236	400		07/07/11 12:03	98-82-8	
p-Isopropyltoluene	<268	ug/L	400	268	400		07/07/11 12:03	99-87-6	
Methylene Chloride	240J	ug/L	400	172	400		07/07/11 12:03	75-09-2	Z3
Methyl-tert-butyl ether	<244	ug/L	400	244	400		07/07/11 12:03	1634-04-4	
Naphthalene	<356	ug/L	2000	356	400		07/07/11 12:03	91-20-3	
n-Propylbenzene	<324	ug/L	400	324	400		07/07/11 12:03	103-65-1	
Styrene	<344	ug/L	400	344	400		07/07/11 12:03	100-42-5	
1,1,1,2-Tetrachloroethane	<368	ug/L	400	368	400		07/07/11 12:03	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-4 Lab ID: 4047928004 Collected: 06/30/11 12:20 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<80.0	ug/L	400	80.0	400		07/07/11 12:03	79-34-5	
Tetrachloroethene	45500	ug/L	400	180	400		07/07/11 12:03	127-18-4	
Toluene	<268	ug/L	400	268	400		07/07/11 12:03	108-88-3	
1,2,3-Trichlorobenzene	<296	ug/L	400	296	400		07/07/11 12:03	87-61-6	
1,2,4-Trichlorobenzene	<388	ug/L	400	388	400		07/07/11 12:03	120-82-1	
1,1,1-Trichloroethane	<360	ug/L	400	360	400		07/07/11 12:03	71-55-6	
1,1,2-Trichloroethane	<168	ug/L	400	168	400		07/07/11 12:03	79-00-5	
Trichloroethene	2230	ug/L	400	192	400		07/07/11 12:03	79-01-6	
Trichlorofluoromethane	<316	ug/L	400	316	400		07/07/11 12:03	75-69-4	
1,2,3-Trichloropropane	<396	ug/L	400	396	400		07/07/11 12:03	96-18-4	
1,2,4-Trimethylbenzene	<388	ug/L	400	388	400		07/07/11 12:03	95-63-6	
1,3,5-Trimethylbenzene	<332	ug/L	400	332	400		07/07/11 12:03	108-67-8	
Vinyl chloride	<72.0	ug/L	400	72.0	400		07/07/11 12:03	75-01-4	
m&p-Xylene	<720	ug/L	800	720	400		07/07/11 12:03	179601-23-1	
o-Xylene	<332	ug/L	400	332	400		07/07/11 12:03	95-47-6	
4-Bromofluorobenzene (S)	91	%	69-130		400		07/07/11 12:03	460-00-4	
Dibromofluoromethane (S)	106	%	70-134		400		07/07/11 12:03	1868-53-7	
Toluene-d8 (S)	101	%	70-130		400		07/07/11 12:03	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-5 Lab ID: 4047928005 Collected: 06/30/11 08:55 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<41.0	ug/L	100	41.0	100		07/07/11 12:26	71-43-2	
Bromobenzene	<82.0	ug/L	100	82.0	100		07/07/11 12:26	108-86-1	
Bromochloromethane	<97.0	ug/L	100	97.0	100		07/07/11 12:26	74-97-5	
Bromodichloromethane	<56.0	ug/L	100	56.0	100		07/07/11 12:26	75-27-4	
Bromoform	<94.0	ug/L	100	94.0	100		07/07/11 12:26	75-25-2	
Bromomethane	<91.0	ug/L	100	91.0	100		07/07/11 12:26	74-83-9	
n-Butylbenzene	<93.0	ug/L	100	93.0	100		07/07/11 12:26	104-51-8	
sec-Butylbenzene	<89.0	ug/L	500	89.0	100		07/07/11 12:26	135-98-8	
tert-Butylbenzene	<97.0	ug/L	100	97.0	100		07/07/11 12:26	98-06-6	
Carbon tetrachloride	<49.0	ug/L	100	49.0	100		07/07/11 12:26	56-23-5	
Chlorobenzene	<41.0	ug/L	100	41.0	100		07/07/11 12:26	108-90-7	
Chloroethane	<97.0	ug/L	100	97.0	100		07/07/11 12:26	75-00-3	
Chloroform	<130	ug/L	500	130	100		07/07/11 12:26	67-66-3	
Chloromethane	<24.0	ug/L	100	24.0	100		07/07/11 12:26	74-87-3	
2-Chlorotoluene	<85.0	ug/L	100	85.0	100		07/07/11 12:26	95-49-8	
4-Chlorotoluene	<74.0	ug/L	100	74.0	100		07/07/11 12:26	106-43-4	
1,2-Dibromo-3-chloropropane	<168	ug/L	500	168	100		07/07/11 12:26	96-12-8	
Dibromochloromethane	<81.0	ug/L	100	81.0	100		07/07/11 12:26	124-48-1	
1,2-Dibromoethane (EDB)	<56.0	ug/L	100	56.0	100		07/07/11 12:26	106-93-4	
Dibromomethane	<60.0	ug/L	100	60.0	100		07/07/11 12:26	74-95-3	
1,2-Dichlorobenzene	<83.0	ug/L	100	83.0	100		07/07/11 12:26	95-50-1	
1,3-Dichlorobenzene	<87.0	ug/L	100	87.0	100		07/07/11 12:26	541-73-1	
1,4-Dichlorobenzene	<95.0	ug/L	100	95.0	100		07/07/11 12:26	106-46-7	
Dichlorodifluoromethane	<99.0	ug/L	100	99.0	100		07/07/11 12:26	75-71-8	
1,1-Dichloroethane	<75.0	ug/L	100	75.0	100		07/07/11 12:26	75-34-3	
1,2-Dichloroethane	<36.0	ug/L	100	36.0	100		07/07/11 12:26	107-06-2	
1,1-Dichloroethene	<57.0	ug/L	100	57.0	100		07/07/11 12:26	75-35-4	
cis-1,2-Dichloroethene	556	ug/L	100	83.0	100		07/07/11 12:26	156-59-2	
trans-1,2-Dichloroethene	<89.0	ug/L	100	89.0	100		07/07/11 12:26	156-60-5	
1,2-Dichloropropane	<49.0	ug/L	100	49.0	100		07/07/11 12:26	78-87-5	
1,3-Dichloropropane	<61.0	ug/L	100	61.0	100		07/07/11 12:26	142-28-9	
2,2-Dichloropropane	<62.0	ug/L	100	62.0	100		07/07/11 12:26	594-20-7	
1,1-Dichloropropene	<75.0	ug/L	100	75.0	100		07/07/11 12:26	563-58-6	
cis-1,3-Dichloropropene	<20.0	ug/L	100	20.0	100		07/07/11 12:26	10061-01-5	
trans-1,3-Dichloropropene	<19.0	ug/L	100	19.0	100		07/07/11 12:26	10061-02-6	
Diisopropyl ether	<76.0	ug/L	100	76.0	100		07/07/11 12:26	108-20-3	
Ethylbenzene	<54.0	ug/L	100	54.0	100		07/07/11 12:26	100-41-4	
Hexachloro-1,3-butadiene	<67.0	ug/L	500	67.0	100		07/07/11 12:26	87-68-3	
Isopropylbenzene (Cumene)	<59.0	ug/L	100	59.0	100		07/07/11 12:26	98-82-8	
p-Isopropyltoluene	<67.0	ug/L	100	67.0	100		07/07/11 12:26	99-87-6	
Methylene Chloride	62.1J	ug/L	100	43.0	100		07/07/11 12:26	75-09-2	Z3
Methyl-tert-butyl ether	<61.0	ug/L	100	61.0	100		07/07/11 12:26	1634-04-4	
Naphthalene	<89.0	ug/L	500	89.0	100		07/07/11 12:26	91-20-3	
n-Propylbenzene	<81.0	ug/L	100	81.0	100		07/07/11 12:26	103-65-1	
Styrene	<86.0	ug/L	100	86.0	100		07/07/11 12:26	100-42-5	
1,1,1,2-Tetrachloroethane	<92.0	ug/L	100	92.0	100		07/07/11 12:26	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-5 Lab ID: 4047928005 Collected: 06/30/11 08:55 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<20.0	ug/L	100	20.0	100		07/07/11 12:26	79-34-5	
Tetrachloroethene	7660	ug/L	100	45.0	100		07/07/11 12:26	127-18-4	
Toluene	<67.0	ug/L	100	67.0	100		07/07/11 12:26	108-88-3	
1,2,3-Trichlorobenzene	<74.0	ug/L	100	74.0	100		07/07/11 12:26	87-61-6	
1,2,4-Trichlorobenzene	<97.0	ug/L	100	97.0	100		07/07/11 12:26	120-82-1	
1,1,1-Trichloroethane	<90.0	ug/L	100	90.0	100		07/07/11 12:26	71-55-6	
1,1,2-Trichloroethane	<42.0	ug/L	100	42.0	100		07/07/11 12:26	79-00-5	
Trichloroethene	304	ug/L	100	48.0	100		07/07/11 12:26	79-01-6	
Trichlorofluoromethane	<79.0	ug/L	100	79.0	100		07/07/11 12:26	75-69-4	
1,2,3-Trichloropropane	<99.0	ug/L	100	99.0	100		07/07/11 12:26	96-18-4	
1,2,4-Trimethylbenzene	<97.0	ug/L	100	97.0	100		07/07/11 12:26	95-63-6	
1,3,5-Trimethylbenzene	<83.0	ug/L	100	83.0	100		07/07/11 12:26	108-67-8	
Vinyl chloride	<18.0	ug/L	100	18.0	100		07/07/11 12:26	75-01-4	
m&p-Xylene	<180	ug/L	200	180	100		07/07/11 12:26	179601-23-1	
o-Xylene	<83.0	ug/L	100	83.0	100		07/07/11 12:26	95-47-6	
4-Bromofluorobenzene (S)	92	%	69-130		100		07/07/11 12:26	460-00-4	
Dibromofluoromethane (S)	108	%	70-134		100		07/07/11 12:26	1868-53-7	
Toluene-d8 (S)	101	%	70-130		100		07/07/11 12:26	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-6 Lab ID: 4047928006 Collected: 06/30/11 15:55 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<82.0	ug/L	200	82.0	200		07/07/11 13:34	71-43-2	
Bromobenzene	<164	ug/L	200	164	200		07/07/11 13:34	108-86-1	
Bromochloromethane	<194	ug/L	200	194	200		07/07/11 13:34	74-97-5	
Bromodichloromethane	<112	ug/L	200	112	200		07/07/11 13:34	75-27-4	
Bromoform	<188	ug/L	200	188	200		07/07/11 13:34	75-25-2	
Bromomethane	<182	ug/L	200	182	200		07/07/11 13:34	74-83-9	
n-Butylbenzene	<186	ug/L	200	186	200		07/07/11 13:34	104-51-8	
sec-Butylbenzene	<178	ug/L	1000	178	200		07/07/11 13:34	135-98-8	
tert-Butylbenzene	<194	ug/L	200	194	200		07/07/11 13:34	98-06-6	
Carbon tetrachloride	<98.0	ug/L	200	98.0	200		07/07/11 13:34	56-23-5	
Chlorobenzene	<82.0	ug/L	200	82.0	200		07/07/11 13:34	108-90-7	
Chloroethane	<194	ug/L	200	194	200		07/07/11 13:34	75-00-3	
Chloroform	<260	ug/L	1000	260	200		07/07/11 13:34	67-66-3	
Chloromethane	<48.0	ug/L	200	48.0	200		07/07/11 13:34	74-87-3	
2-Chlorotoluene	<170	ug/L	200	170	200		07/07/11 13:34	95-49-8	
4-Chlorotoluene	<148	ug/L	200	148	200		07/07/11 13:34	106-43-4	
1,2-Dibromo-3-chloropropane	<336	ug/L	1000	336	200		07/07/11 13:34	96-12-8	
Dibromochloromethane	<162	ug/L	200	162	200		07/07/11 13:34	124-48-1	
1,2-Dibromoethane (EDB)	<112	ug/L	200	112	200		07/07/11 13:34	106-93-4	
Dibromomethane	<120	ug/L	200	120	200		07/07/11 13:34	74-95-3	
1,2-Dichlorobenzene	<166	ug/L	200	166	200		07/07/11 13:34	95-50-1	
1,3-Dichlorobenzene	<174	ug/L	200	174	200		07/07/11 13:34	541-73-1	
1,4-Dichlorobenzene	<190	ug/L	200	190	200		07/07/11 13:34	106-46-7	
Dichlorodifluoromethane	<198	ug/L	200	198	200		07/07/11 13:34	75-71-8	
1,1-Dichloroethane	<150	ug/L	200	150	200		07/07/11 13:34	75-34-3	
1,2-Dichloroethane	<72.0	ug/L	200	72.0	200		07/07/11 13:34	107-06-2	
1,1-Dichloroethene	<114	ug/L	200	114	200		07/07/11 13:34	75-35-4	
cis-1,2-Dichloroethene	<166	ug/L	200	166	200		07/07/11 13:34	156-59-2	
trans-1,2-Dichloroethene	<178	ug/L	200	178	200		07/07/11 13:34	156-60-5	
1,2-Dichloropropane	<98.0	ug/L	200	98.0	200		07/07/11 13:34	78-87-5	
1,3-Dichloropropane	<122	ug/L	200	122	200		07/07/11 13:34	142-28-9	
2,2-Dichloropropane	<124	ug/L	200	124	200		07/07/11 13:34	594-20-7	
1,1-Dichloropropene	<150	ug/L	200	150	200		07/07/11 13:34	563-58-6	
cis-1,3-Dichloropropene	<40.0	ug/L	200	40.0	200		07/07/11 13:34	10061-01-5	
trans-1,3-Dichloropropene	<38.0	ug/L	200	38.0	200		07/07/11 13:34	10061-02-6	
Diisopropyl ether	<152	ug/L	200	152	200		07/07/11 13:34	108-20-3	
Ethylbenzene	<108	ug/L	200	108	200		07/07/11 13:34	100-41-4	
Hexachloro-1,3-butadiene	<134	ug/L	1000	134	200		07/07/11 13:34	87-68-3	
Isopropylbenzene (Cumene)	<118	ug/L	200	118	200		07/07/11 13:34	98-82-8	
p-Isopropyltoluene	<134	ug/L	200	134	200		07/07/11 13:34	99-87-6	
Methylene Chloride	183J	ug/L	200	86.0	200		07/07/11 13:34	75-09-2	Z3
Methyl-tert-butyl ether	<122	ug/L	200	122	200		07/07/11 13:34	1634-04-4	
Naphthalene	<178	ug/L	1000	178	200		07/07/11 13:34	91-20-3	
n-Propylbenzene	<162	ug/L	200	162	200		07/07/11 13:34	103-65-1	
Styrene	<172	ug/L	200	172	200		07/07/11 13:34	100-42-5	
1,1,1,2-Tetrachloroethane	<184	ug/L	200	184	200		07/07/11 13:34	630-20-6	





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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Sample: MW-6 Lab ID: 4047928006 Collected: 06/30/11 15:55 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<40.0	ug/L	200	40.0	200		07/07/11 13:34	79-34-5	
Tetrachloroethene	<90.0	ug/L	200	90.0	200		07/07/11 13:34	127-18-4	
Toluene	<134	ug/L	200	134	200		07/07/11 13:34	108-88-3	
1,2,3-Trichlorobenzene	<148	ug/L	200	148	200		07/07/11 13:34	87-61-6	
1,2,4-Trichlorobenzene	<194	ug/L	200	194	200		07/07/11 13:34	120-82-1	
1,1,1-Trichloroethane	<180	ug/L	200	180	200		07/07/11 13:34	71-55-6	
1,1,2-Trichloroethane	<84.0	ug/L	200	84.0	200		07/07/11 13:34	79-00-5	
Trichloroethene	<96.0	ug/L	200	96.0	200		07/07/11 13:34	79-01-6	
Trichlorofluoromethane	<158	ug/L	200	158	200		07/07/11 13:34	75-69-4	
1,2,3-Trichloropropane	<198	ug/L	200	198	200		07/07/11 13:34	96-18-4	
1,2,4-Trimethylbenzene	<194	ug/L	200	194	200		07/07/11 13:34	95-63-6	
1,3,5-Trimethylbenzene	<166	ug/L	200	166	200		07/07/11 13:34	108-67-8	
Vinyl chloride	<36.0	ug/L	200	36.0	200		07/07/11 13:34	75-01-4	
m&p-Xylene	<360	ug/L	400	360	200		07/07/11 13:34	179601-23-1	
o-Xylene	<166	ug/L	200	166	200		07/07/11 13:34	95-47-6	
4-Bromofluorobenzene (S)	90	%	69-130		200		07/07/11 13:34	460-00-4	
Dibromofluoromethane (S)	108	%	70-134		200		07/07/11 13:34	1868-53-7	D3
Toluene-d8 (S)	102	%	70-130		200		07/07/11 13:34	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MWV-7 Lab ID: 4047928007 Collected: 06/30/11 14:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<1.0 ug/L		2.5	1.0	2.5		07/07/11 12:49	71-43-2	
Bromobenzene	<2.0 ug/L		2.5	2.0	2.5		07/07/11 12:49	108-86-1	
Bromochloromethane	<2.4 ug/L		2.5	2.4	2.5		07/07/11 12:49	74-97-5	
Bromodichloromethane	<1.4 ug/L		2.5	1.4	2.5		07/07/11 12:49	75-27-4	
Bromoform	<2.4 ug/L		2.5	2.4	2.5		07/07/11 12:49	75-25-2	
Bromomethane	<2.3 ug/L		2.5	2.3	2.5		07/07/11 12:49	74-83-9	
n-Butylbenzene	<2.3 ug/L		2.5	2.3	2.5		07/07/11 12:49	104-51-8	
sec-Butylbenzene	<2.2 ug/L		12.5	2.2	2.5		07/07/11 12:49	135-98-8	
tert-Butylbenzene	<2.4 ug/L		2.5	2.4	2.5		07/07/11 12:49	98-06-6	
Carbon tetrachloride	<1.2 ug/L		2.5	1.2	2.5		07/07/11 12:49	56-23-5	
Chlorobenzene	<1.0 ug/L		2.5	1.0	2.5		07/07/11 12:49	108-90-7	
Chloroethane	<2.4 ug/L		2.5	2.4	2.5		07/07/11 12:49	75-00-3	
Chloroform	<3.2 ug/L		12.5	3.2	2.5		07/07/11 12:49	67-66-3	
Chloromethane	<0.60 ug/L		2.5	0.60	2.5		07/07/11 12:49	74-87-3	
2-Chlorotoluene	<2.1 ug/L		2.5	2.1	2.5		07/07/11 12:49	95-49-8	
4-Chlorotoluene	<1.8 ug/L		2.5	1.8	2.5		07/07/11 12:49	106-43-4	
1,2-Dibromo-3-chloropropane	<4.2 ug/L		12.5	4.2	2.5		07/07/11 12:49	96-12-8	
Dibromochloromethane	<2.0 ug/L		2.5	2.0	2.5		07/07/11 12:49	124-48-1	
1,2-Dibromoethane (EDB)	<1.4 ug/L		2.5	1.4	2.5		07/07/11 12:49	106-93-4	
Dibromomethane	<1.5 ug/L		2.5	1.5	2.5		07/07/11 12:49	74-95-3	
1,2-Dichlorobenzene	<2.1 ug/L		2.5	2.1	2.5		07/07/11 12:49	95-50-1	
1,3-Dichlorobenzene	<2.2 ug/L		2.5	2.2	2.5		07/07/11 12:49	541-73-1	
1,4-Dichlorobenzene	<2.4 ug/L		2.5	2.4	2.5		07/07/11 12:49	106-46-7	
Dichlorodifluoromethane	<2.5 ug/L		2.5	2.5	2.5		07/07/11 12:49	75-71-8	
1,1-Dichloroethane	<1.9 ug/L		2.5	1.9	2.5		07/07/11 12:49	75-34-3	
1,2-Dichloroethane	<0.90 ug/L		2.5	0.90	2.5		07/07/11 12:49	107-06-2	
1,1-Dichloroethene	<1.4 ug/L		2.5	1.4	2.5		07/07/11 12:49	75-35-4	
cis-1,2-Dichloroethene	392 ug/L		2.5	2.1	2.5		07/07/11 12:49	156-59-2	
trans-1,2-Dichloroethene	12.2 ug/L		2.5	2.2	2.5		07/07/11 12:49	156-60-5	
1,2-Dichloropropane	<1.2 ug/L		2.5	1.2	2.5		07/07/11 12:49	78-87-5	
1,3-Dichloropropane	<1.5 ug/L		2.5	1.5	2.5		07/07/11 12:49	142-28-9	
2,2-Dichloropropane	<1.6 ug/L		2.5	1.6	2.5		07/07/11 12:49	594-20-7	
1,1-Dichloropropene	<1.9 ug/L		2.5	1.9	2.5		07/07/11 12:49	563-58-6	
cis-1,3-Dichloropropene	<0.50 ug/L		2.5	0.50	2.5		07/07/11 12:49	10061-01-5	
trans-1,3-Dichloropropene	<0.48 ug/L		2.5	0.48	2.5		07/07/11 12:49	10061-02-6	
Diisopropyl ether	<1.9 ug/L		2.5	1.9	2.5		07/07/11 12:49	108-20-3	
Ethylbenzene	<1.4 ug/L		2.5	1.4	2.5		07/07/11 12:49	100-41-4	
Hexachloro-1,3-butadiene	<1.7 ug/L		12.5	1.7	2.5		07/07/11 12:49	87-68-3	
Isopropylbenzene (Cumene)	<1.5 ug/L		2.5	1.5	2.5		07/07/11 12:49	98-82-8	
p-Isopropyltoluene	<1.7 ug/L		2.5	1.7	2.5		07/07/11 12:49	99-87-6	
Methylene Chloride	<1.1 ug/L		2.5	1.1	2.5		07/07/11 12:49	75-09-2	
Methyl-tert-butyl ether	<1.5 ug/L		2.5	1.5	2.5		07/07/11 12:49	1634-04-4	
Naphthalene	<2.2 ug/L		12.5	2.2	2.5		07/07/11 12:49	91-20-3	
n-Propylbenzene	<2.0 ug/L		2.5	2.0	2.5		07/07/11 12:49	103-65-1	
Styrene	<2.2 ug/L		2.5	2.2	2.5		07/07/11 12:49	100-42-5	
1,1,1,2-Tetrachloroethane	<2.3 ug/L		2.5	2.3	2.5		07/07/11 12:49	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-7 Lab ID: 4047928007 Collected: 06/30/11 14:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.50	ug/L	2.5	0.50	2.5		07/07/11 12:49	79-34-5	
Tetrachloroethene	48.9	ug/L	2.5	1.1	2.5		07/07/11 12:49	127-18-4	
Toluene	<1.7	ug/L	2.5	1.7	2.5		07/07/11 12:49	108-88-3	
1,2,3-Trichlorobenzene	<1.8	ug/L	2.5	1.8	2.5		07/07/11 12:49	87-61-6	
1,2,4-Trichlorobenzene	<2.4	ug/L	2.5	2.4	2.5		07/07/11 12:49	120-82-1	
1,1,1-Trichloroethane	<2.2	ug/L	2.5	2.2	2.5		07/07/11 12:49	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	2.5	1.0	2.5		07/07/11 12:49	79-00-5	
Trichloroethene	40.9	ug/L	2.5	1.2	2.5		07/07/11 12:49	79-01-6	
Trichlorofluoromethane	<2.0	ug/L	2.5	2.0	2.5		07/07/11 12:49	75-69-4	
1,2,3-Trichloropropane	<2.5	ug/L	2.5	2.5	2.5		07/07/11 12:49	96-18-4	
1,2,4-Trimethylbenzene	<2.4	ug/L	2.5	2.4	2.5		07/07/11 12:49	95-63-6	
1,3,5-Trimethylbenzene	<2.1	ug/L	2.5	2.1	2.5		07/07/11 12:49	108-67-8	
Vinyl chloride	4.0	ug/L	2.5	0.45	2.5		07/07/11 12:49	75-01-4	
m&p-Xylene	<4.5	ug/L	5.0	4.5	2.5		07/07/11 12:49	179601-23-1	
o-Xylene	<2.1	ug/L	2.5	2.1	2.5		07/07/11 12:49	95-47-6	
4-Bromofluorobenzene (S)	91	%	69-130		2.5		07/07/11 12:49	460-00-4	
Dibromofluoromethane (S)	106	%	70-134		2.5		07/07/11 12:49	1868-53-7	
Toluene-d8 (S)	101	%	70-130		2.5		07/07/11 12:49	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Sample: MW-8 Lab ID: 4047928008 Collected: 06/30/11 09:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41	ug/L	1.0	0.41	1		07/07/11 09:47	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		07/07/11 09:47	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		07/07/11 09:47	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		07/07/11 09:47	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		07/07/11 09:47	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		07/07/11 09:47	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		07/07/11 09:47	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		07/07/11 09:47	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		07/07/11 09:47	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/07/11 09:47	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		07/07/11 09:47	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		07/07/11 09:47	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		07/07/11 09:47	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		07/07/11 09:47	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		07/07/11 09:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		07/07/11 09:47	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		07/07/11 09:47	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 09:47	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		07/07/11 09:47	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		07/07/11 09:47	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		07/07/11 09:47	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		07/07/11 09:47	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		07/07/11 09:47	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		07/07/11 09:47	75-35-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		07/07/11 09:47	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		07/07/11 09:47	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		07/07/11 09:47	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		07/07/11 09:47	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		07/07/11 09:47	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		07/07/11 09:47	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		07/07/11 09:47	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		07/07/11 09:47	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		07/07/11 09:47	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		07/07/11 09:47	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		07/07/11 09:47	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		07/07/11 09:47	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		07/07/11 09:47	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		07/07/11 09:47	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		07/07/11 09:47	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		07/07/11 09:47	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		07/07/11 09:47	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		07/07/11 09:47	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		07/07/11 09:47	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Sample: MW-8 Lab ID: 4047928008 Collected: 06/30/11 09:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		07/07/11 09:47	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		07/07/11 09:47	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		07/07/11 09:47	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		07/07/11 09:47	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		07/07/11 09:47	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		07/07/11 09:47	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		07/07/11 09:47	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		07/07/11 09:47	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		07/07/11 09:47	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 09:47	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/07/11 09:47	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		07/07/11 09:47	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		07/07/11 09:47	95-47-6	
4-Bromofluorobenzene (S)	92	%	69-130		1		07/07/11 09:47	460-00-4	
Dibromofluoromethane (S)	104	%	70-134		1		07/07/11 09:47	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		07/07/11 09:47	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-9 Lab ID: 4047928009 Collected: 06/30/11 09:50 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<82.0	ug/L	200	82.0	200		07/07/11 13:12	71-43-2	
Bromobenzene	<164	ug/L	200	164	200		07/07/11 13:12	108-86-1	
Bromochloromethane	<194	ug/L	200	194	200		07/07/11 13:12	74-97-5	
Bromodichloromethane	<112	ug/L	200	112	200		07/07/11 13:12	75-27-4	
Bromoform	<188	ug/L	200	188	200		07/07/11 13:12	75-25-2	
Bromomethane	<182	ug/L	200	182	200		07/07/11 13:12	74-83-9	
n-Butylbenzene	<186	ug/L	200	186	200		07/07/11 13:12	104-51-8	
sec-Butylbenzene	<178	ug/L	1000	178	200		07/07/11 13:12	135-98-8	
tert-Butylbenzene	<194	ug/L	200	194	200		07/07/11 13:12	98-06-6	
Carbon tetrachloride	<98.0	ug/L	200	98.0	200		07/07/11 13:12	56-23-5	
Chlorobenzene	<82.0	ug/L	200	82.0	200		07/07/11 13:12	108-90-7	
Chloroethane	<194	ug/L	200	194	200		07/07/11 13:12	75-00-3	
Chloroform	<260	ug/L	1000	260	200		07/07/11 13:12	67-66-3	
Chloromethane	<48.0	ug/L	200	48.0	200		07/07/11 13:12	74-87-3	
2-Chlorotoluene	<170	ug/L	200	170	200		07/07/11 13:12	95-49-8	
4-Chlorotoluene	<148	ug/L	200	148	200		07/07/11 13:12	106-43-4	
1,2-Dibromo-3-chloropropane	<336	ug/L	1000	336	200		07/07/11 13:12	96-12-8	
Dibromochloromethane	<162	ug/L	200	162	200		07/07/11 13:12	124-48-1	
1,2-Dibromoethane (EDB)	<112	ug/L	200	112	200		07/07/11 13:12	106-93-4	
Dibromomethane	<120	ug/L	200	120	200		07/07/11 13:12	74-95-3	
1,2-Dichlorobenzene	<166	ug/L	200	166	200		07/07/11 13:12	95-50-1	
1,3-Dichlorobenzene	<174	ug/L	200	174	200		07/07/11 13:12	541-73-1	
1,4-Dichlorobenzene	<190	ug/L	200	190	200		07/07/11 13:12	106-46-7	
Dichlorodifluoromethane	<198	ug/L	200	198	200		07/07/11 13:12	75-71-8	
1,1-Dichloroethane	<150	ug/L	200	150	200		07/07/11 13:12	75-34-3	
1,2-Dichloroethane	<72.0	ug/L	200	72.0	200		07/07/11 13:12	107-06-2	
1,1-Dichloroethene	<114	ug/L	200	114	200		07/07/11 13:12	75-35-4	
cis-1,2-Dichloroethene	32700	ug/L	200	166	200		07/07/11 13:12	156-59-2	
trans-1,2-Dichloroethene	612	ug/L	200	178	200		07/07/11 13:12	156-60-5	
1,2-Dichloropropane	<98.0	ug/L	200	98.0	200		07/07/11 13:12	78-87-5	
1,3-Dichloropropane	<122	ug/L	200	122	200		07/07/11 13:12	142-28-9	
2,2-Dichloropropane	<124	ug/L	200	124	200		07/07/11 13:12	594-20-7	
1,1-Dichloropropene	<150	ug/L	200	150	200		07/07/11 13:12	563-58-6	
cis-1,3-Dichloropropene	<40.0	ug/L	200	40.0	200		07/07/11 13:12	10061-01-5	
trans-1,3-Dichloropropene	<38.0	ug/L	200	38.0	200		07/07/11 13:12	10061-02-6	
Diisopropyl ether	<152	ug/L	200	152	200		07/07/11 13:12	108-20-3	
Ethylbenzene	<108	ug/L	200	108	200		07/07/11 13:12	100-41-4	
Hexachloro-1,3-butadiene	<134	ug/L	1000	134	200		07/07/11 13:12	87-68-3	
Isopropylbenzene (Cumene)	<118	ug/L	200	118	200		07/07/11 13:12	98-82-8	
p-Isopropyltoluene	<134	ug/L	200	134	200		07/07/11 13:12	99-87-6	
Methylene Chloride	126J	ug/L	200	86.0	200		07/07/11 13:12	75-09-2	Z3
Methyl-tert-butyl ether	<122	ug/L	200	122	200		07/07/11 13:12	1634-04-4	
Naphthalene	<178	ug/L	1000	178	200		07/07/11 13:12	91-20-3	
n-Propylbenzene	<162	ug/L	200	162	200		07/07/11 13:12	103-65-1	
Styrene	<172	ug/L	200	172	200		07/07/11 13:12	100-42-5	
1,1,1,2-Tetrachloroethane	<184	ug/L	200	184	200		07/07/11 13:12	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-9 Lab ID: 4047928009 Collected: 06/30/11 09:50 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<40.0	ug/L	200	40.0	200		07/07/11 13:12	79-34-5	
Tetrachloroethene	16800	ug/L	200	90.0	200		07/07/11 13:12	127-18-4	
Toluene	<134	ug/L	200	134	200		07/07/11 13:12	108-88-3	
1,2,3-Trichlorobenzene	<148	ug/L	200	148	200		07/07/11 13:12	87-61-6	
1,2,4-Trichlorobenzene	<194	ug/L	200	194	200		07/07/11 13:12	120-82-1	
1,1,1-Trichloroethane	<180	ug/L	200	180	200		07/07/11 13:12	71-55-6	
1,1,2-Trichloroethane	<84.0	ug/L	200	84.0	200		07/07/11 13:12	79-00-5	
Trichloroethene	13500	ug/L	200	96.0	200		07/07/11 13:12	79-01-6	
Trichlorofluoromethane	<158	ug/L	200	158	200		07/07/11 13:12	75-69-4	
1,2,3-Trichloropropane	<198	ug/L	200	198	200		07/07/11 13:12	96-18-4	
1,2,4-Trimethylbenzene	<194	ug/L	200	194	200		07/07/11 13:12	95-63-6	
1,3,5-Trimethylbenzene	<166	ug/L	200	166	200		07/07/11 13:12	108-67-8	
Vinyl chloride	437	ug/L	200	36.0	200		07/07/11 13:12	75-01-4	
m&p-Xylene	<360	ug/L	400	360	200		07/07/11 13:12	179601-23-1	
o-Xylene	<166	ug/L	200	166	200		07/07/11 13:12	95-47-6	
4-Bromofluorobenzene (S)	91	%	69-130		200		07/07/11 13:12	460-00-4	
Dibromofluoromethane (S)	108	%	70-134		200		07/07/11 13:12	1868-53-7	
Toluene-d8 (S)	102	%	70-130		200		07/07/11 13:12	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-10 Lab ID: 4047928010 Collected: 06/30/11 11:35 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41	ug/L	1.0	0.41	1		07/07/11 10:32	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		07/07/11 10:32	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		07/07/11 10:32	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		07/07/11 10:32	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		07/07/11 10:32	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		07/07/11 10:32	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		07/07/11 10:32	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		07/07/11 10:32	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 10:32	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		07/07/11 10:32	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		07/07/11 10:32	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		07/07/11 10:32	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/07/11 10:32	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		07/07/11 10:32	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		07/07/11 10:32	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		07/07/11 10:32	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		07/07/11 10:32	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		07/07/11 10:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		07/07/11 10:32	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		07/07/11 10:32	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:32	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		07/07/11 10:32	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		07/07/11 10:32	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		07/07/11 10:32	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		07/07/11 10:32	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		07/07/11 10:32	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		07/07/11 10:32	75-35-4	
cis-1,2-Dichloroethene	13.3	ug/L	1.0	0.83	1		07/07/11 10:32	156-59-2	
trans-1,2-Dichloroethene	0.90J	ug/L	1.0	0.89	1		07/07/11 10:32	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		07/07/11 10:32	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		07/07/11 10:32	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		07/07/11 10:32	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		07/07/11 10:32	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		07/07/11 10:32	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		07/07/11 10:32	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		07/07/11 10:32	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		07/07/11 10:32	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		07/07/11 10:32	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		07/07/11 10:32	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		07/07/11 10:32	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		07/07/11 10:32	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		07/07/11 10:32	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		07/07/11 10:32	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		07/07/11 10:32	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		07/07/11 10:32	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		07/07/11 10:32	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-10 Lab ID: 4047928010 Collected: 06/30/11 11:35 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		07/07/11 10:32	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		07/07/11 10:32	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		07/07/11 10:32	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		07/07/11 10:32	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 10:32	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		07/07/11 10:32	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		07/07/11 10:32	79-00-5	
Trichloroethene	1.3	ug/L	1.0	0.48	1		07/07/11 10:32	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		07/07/11 10:32	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		07/07/11 10:32	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 10:32	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:32	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/07/11 10:32	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		07/07/11 10:32	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:32	95-47-6	
4-Bromofluorobenzene (S)	92 %		69-130		1		07/07/11 10:32	460-00-4	
Dibromofluoromethane (S)	106 %		70-134		1		07/07/11 10:32	1868-53-7	
Toluene-d8 (S)	103 %		70-130		1		07/07/11 10:32	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-11 Lab ID: 4047928011 Collected: 06/30/11 11:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41 ug/L		1.0	0.41	1		07/07/11 16:37	71-43-2	
Bromobenzene	<0.82 ug/L		1.0	0.82	1		07/07/11 16:37	108-86-1	
Bromochloromethane	<0.97 ug/L		1.0	0.97	1		07/07/11 16:37	74-97-5	
Bromodichloromethane	<0.56 ug/L		1.0	0.56	1		07/07/11 16:37	75-27-4	
Bromoform	<0.94 ug/L		1.0	0.94	1		07/07/11 16:37	75-25-2	
Bromomethane	<0.91 ug/L		1.0	0.91	1		07/07/11 16:37	74-83-9	
n-Butylbenzene	<0.93 ug/L		1.0	0.93	1		07/07/11 16:37	104-51-8	
sec-Butylbenzene	<0.89 ug/L		5.0	0.89	1		07/07/11 16:37	135-98-8	
tert-Butylbenzene	<0.97 ug/L		1.0	0.97	1		07/07/11 16:37	98-06-6	
Carbon tetrachloride	<0.49 ug/L		1.0	0.49	1		07/07/11 16:37	56-23-5	
Chlorobenzene	<0.41 ug/L		1.0	0.41	1		07/07/11 16:37	108-90-7	
Chloroethane	<0.97 ug/L		1.0	0.97	1		07/07/11 16:37	75-00-3	
Chloroform	<1.3 ug/L		5.0	1.3	1		07/07/11 16:37	67-66-3	
Chloromethane	<0.24 ug/L		1.0	0.24	1		07/07/11 16:37	74-87-3	
2-Chlorotoluene	<0.85 ug/L		1.0	0.85	1		07/07/11 16:37	95-49-8	
4-Chlorotoluene	<0.74 ug/L		1.0	0.74	1		07/07/11 16:37	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7 ug/L		5.0	1.7	1		07/07/11 16:37	96-12-8	
Dibromochloromethane	<0.81 ug/L		1.0	0.81	1		07/07/11 16:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.56 ug/L		1.0	0.56	1		07/07/11 16:37	106-93-4	
Dibromomethane	<0.60 ug/L		1.0	0.60	1		07/07/11 16:37	74-95-3	
1,2-Dichlorobenzene	<0.83 ug/L		1.0	0.83	1		07/07/11 16:37	95-50-1	
1,3-Dichlorobenzene	<0.87 ug/L		1.0	0.87	1		07/07/11 16:37	541-73-1	
1,4-Dichlorobenzene	<0.95 ug/L		1.0	0.95	1		07/07/11 16:37	106-46-7	
Dichlorodifluoromethane	<0.99 ug/L		1.0	0.99	1		07/07/11 16:37	75-71-8	
1,1-Dichloroethane	<0.75 ug/L		1.0	0.75	1		07/07/11 16:37	75-34-3	
1,2-Dichloroethane	<0.36 ug/L		1.0	0.36	1		07/07/11 16:37	107-06-2	
1,1-Dichloroethene	<0.57 ug/L		1.0	0.57	1		07/07/11 16:37	75-35-4	
cis-1,2-Dichloroethene	<0.83 ug/L		1.0	0.83	1		07/07/11 16:37	156-59-2	
trans-1,2-Dichloroethene	<0.89 ug/L		1.0	0.89	1		07/07/11 16:37	156-60-5	
1,2-Dichloropropane	<0.49 ug/L		1.0	0.49	1		07/07/11 16:37	78-87-5	
1,3-Dichloropropane	<0.61 ug/L		1.0	0.61	1		07/07/11 16:37	142-28-9	
2,2-Dichloropropane	<0.62 ug/L		1.0	0.62	1		07/07/11 16:37	594-20-7	
1,1-Dichloropropene	<0.75 ug/L		1.0	0.75	1		07/07/11 16:37	563-58-6	
cis-1,3-Dichloropropene	<0.20 ug/L		1.0	0.20	1		07/07/11 16:37	10061-01-5	
trans-1,3-Dichloropropene	<0.19 ug/L		1.0	0.19	1		07/07/11 16:37	10061-02-6	
Diisopropyl ether	<0.76 ug/L		1.0	0.76	1		07/07/11 16:37	108-20-3	
Ethylbenzene	<0.54 ug/L		1.0	0.54	1		07/07/11 16:37	100-41-4	
Hexachloro-1,3-butadiene	<0.67 ug/L		5.0	0.67	1		07/07/11 16:37	87-68-3	
Isopropylbenzene (Cumene)	<0.59 ug/L		1.0	0.59	1		07/07/11 16:37	98-82-8	
p-Isopropyltoluene	<0.67 ug/L		1.0	0.67	1		07/07/11 16:37	99-87-6	
Methylene Chloride	<0.43 ug/L		1.0	0.43	1		07/07/11 16:37	75-09-2	
Methyl-tert-butyl ether	<0.61 ug/L		1.0	0.61	1		07/07/11 16:37	1634-04-4	
Naphthalene	<0.89 ug/L		5.0	0.89	1		07/07/11 16:37	91-20-3	
n-Propylbenzene	<0.81 ug/L		1.0	0.81	1		07/07/11 16:37	103-65-1	
Styrene	<0.86 ug/L		1.0	0.86	1		07/07/11 16:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92 ug/L		1.0	0.92	1		07/07/11 16:37	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Sample: MW-11 Lab ID: 4047928011 Collected: 06/30/11 11:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		07/07/11 16:37	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		07/07/11 16:37	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		07/07/11 16:37	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		07/07/11 16:37	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 16:37	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		07/07/11 16:37	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		07/07/11 16:37	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		07/07/11 16:37	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		07/07/11 16:37	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		07/07/11 16:37	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 16:37	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 16:37	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/07/11 16:37	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		07/07/11 16:37	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		07/07/11 16:37	95-47-6	
4-Bromofluorobenzene (S)	95	%	69-130		1		07/07/11 16:37	460-00-4	
Dibromofluoromethane (S)	93	%	70-134		1		07/07/11 16:37	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		07/07/11 16:37	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-12 Lab ID: 4047928012 Collected: 06/30/11 10:30 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	<0.41	ug/L	1.0	0.41	1		07/07/11 09:47	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		07/07/11 09:47	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		07/07/11 09:47	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		07/07/11 09:47	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		07/07/11 09:47	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		07/07/11 09:47	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		07/07/11 09:47	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		07/07/11 09:47	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		07/07/11 09:47	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/07/11 09:47	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		07/07/11 09:47	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		07/07/11 09:47	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		07/07/11 09:47	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		07/07/11 09:47	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		07/07/11 09:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		07/07/11 09:47	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		07/07/11 09:47	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 09:47	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		07/07/11 09:47	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		07/07/11 09:47	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		07/07/11 09:47	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		07/07/11 09:47	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		07/07/11 09:47	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		07/07/11 09:47	75-35-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		07/07/11 09:47	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		07/07/11 09:47	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		07/07/11 09:47	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		07/07/11 09:47	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		07/07/11 09:47	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		07/07/11 09:47	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		07/07/11 09:47	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		07/07/11 09:47	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		07/07/11 09:47	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		07/07/11 09:47	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		07/07/11 09:47	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		07/07/11 09:47	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		07/07/11 09:47	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		07/07/11 09:47	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		07/07/11 09:47	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		07/07/11 09:47	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		07/07/11 09:47	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		07/07/11 09:47	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		07/07/11 09:47	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
 Pace Project No.: 4047928

Sample: MW-12 Lab ID: 4047928012 Collected: 06/30/11 10:30 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		07/07/11 09:47	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		07/07/11 09:47	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		07/07/11 09:47	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		07/07/11 09:47	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		07/07/11 09:47	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		07/07/11 09:47	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		07/07/11 09:47	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		07/07/11 09:47	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		07/07/11 09:47	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 09:47	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 09:47	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/07/11 09:47	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		07/07/11 09:47	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		07/07/11 09:47	95-47-6	
4-Bromofluorobenzene (S)	96 %		69-130		1		07/07/11 09:47	460-00-4	
Dibromofluoromethane (S)	92 %		70-134		1		07/07/11 09:47	1868-53-7	
Toluene-d8 (S)	93 %		70-130		1		07/07/11 09:47	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: MW-13 Lab ID: 4047928013 Collected: 07/05/11 08:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41	ug/L	1.0	0.41	1		07/07/11 17:00	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		07/07/11 17:00	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		07/07/11 17:00	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		07/07/11 17:00	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		07/07/11 17:00	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		07/07/11 17:00	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		07/07/11 17:00	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		07/07/11 17:00	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 17:00	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		07/07/11 17:00	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		07/07/11 17:00	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		07/07/11 17:00	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/07/11 17:00	67-66-3	
Chloromethane	0.33J	ug/L	1.0	0.24	1		07/07/11 17:00	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		07/07/11 17:00	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		07/07/11 17:00	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		07/07/11 17:00	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		07/07/11 17:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		07/07/11 17:00	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		07/07/11 17:00	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 17:00	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		07/07/11 17:00	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		07/07/11 17:00	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		07/07/11 17:00	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		07/07/11 17:00	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		07/07/11 17:00	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		07/07/11 17:00	75-35-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		07/07/11 17:00	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		07/07/11 17:00	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		07/07/11 17:00	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		07/07/11 17:00	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		07/07/11 17:00	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		07/07/11 17:00	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		07/07/11 17:00	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		07/07/11 17:00	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		07/07/11 17:00	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		07/07/11 17:00	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		07/07/11 17:00	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		07/07/11 17:00	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		07/07/11 17:00	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		07/07/11 17:00	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		07/07/11 17:00	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		07/07/11 17:00	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		07/07/11 17:00	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		07/07/11 17:00	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		07/07/11 17:00	630-20-6	

Date: 07/08/2011 04:32 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Sample: MW-13 Lab ID: 4047928013 Collected: 07/05/11 08:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		07/07/11 17:00	79-34-5	
Tetrachloroethene	0.61J	ug/L	1.0	0.45	1		07/07/11 17:00	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		07/07/11 17:00	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		07/07/11 17:00	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 17:00	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		07/07/11 17:00	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		07/07/11 17:00	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		07/07/11 17:00	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		07/07/11 17:00	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		07/07/11 17:00	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 17:00	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 17:00	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/07/11 17:00	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		07/07/11 17:00	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		07/07/11 17:00	95-47-6	
4-Bromofluorobenzene (S)	94	%	69-130		1		07/07/11 17:00	460-00-4	
Dibromofluoromethane (S)	93	%	70-134		1		07/07/11 17:00	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		07/07/11 17:00	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: PZ-2 Lab ID: 4047928014 Collected: 06/30/11 14:55 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41 ug/L		1.0	0.41	1		07/08/11 09:46	71-43-2	
Bromobenzene	<0.82 ug/L		1.0	0.82	1		07/08/11 09:46	108-86-1	
Bromochloromethane	<0.97 ug/L		1.0	0.97	1		07/08/11 09:46	74-97-5	
Bromodichloromethane	<0.56 ug/L		1.0	0.56	1		07/08/11 09:46	75-27-4	
Bromoform	<0.94 ug/L		1.0	0.94	1		07/08/11 09:46	75-25-2	
Bromomethane	<0.91 ug/L		1.0	0.91	1		07/08/11 09:46	74-83-9	
n-Butylbenzene	<0.93 ug/L		1.0	0.93	1		07/08/11 09:46	104-51-8	
sec-Butylbenzene	<0.89 ug/L		5.0	0.89	1		07/08/11 09:46	135-98-8	
tert-Butylbenzene	<0.97 ug/L		1.0	0.97	1		07/08/11 09:46	98-06-6	
Carbon tetrachloride	<0.49 ug/L		1.0	0.49	1		07/08/11 09:46	56-23-5	
Chlorobenzene	<0.41 ug/L		1.0	0.41	1		07/08/11 09:46	108-90-7	
Chloroethane	<0.97 ug/L		1.0	0.97	1		07/08/11 09:46	75-00-3	
Chloroform	<1.3 ug/L		5.0	1.3	1		07/08/11 09:46	67-66-3	
Chloromethane	<0.24 ug/L		1.0	0.24	1		07/08/11 09:46	74-87-3	
2-Chlorotoluene	<0.85 ug/L		1.0	0.85	1		07/08/11 09:46	95-49-8	
4-Chlorotoluene	<0.74 ug/L		1.0	0.74	1		07/08/11 09:46	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7 ug/L		5.0	1.7	1		07/08/11 09:46	96-12-8	
Dibromochloromethane	<0.81 ug/L		1.0	0.81	1		07/08/11 09:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.56 ug/L		1.0	0.56	1		07/08/11 09:46	106-93-4	
Dibromomethane	<0.60 ug/L		1.0	0.60	1		07/08/11 09:46	74-95-3	
1,2-Dichlorobenzene	<0.83 ug/L		1.0	0.83	1		07/08/11 09:46	95-50-1	
1,3-Dichlorobenzene	<0.87 ug/L		1.0	0.87	1		07/08/11 09:46	541-73-1	
1,4-Dichlorobenzene	<0.95 ug/L		1.0	0.95	1		07/08/11 09:46	106-46-7	
Dichlorodifluoromethane	<0.99 ug/L		1.0	0.99	1		07/08/11 09:46	75-71-8	
1,1-Dichloroethane	<0.75 ug/L		1.0	0.75	1		07/08/11 09:46	75-34-3	
1,2-Dichloroethane	<0.36 ug/L		1.0	0.36	1		07/08/11 09:46	107-06-2	
1,1-Dichloroethene	<0.57 ug/L		1.0	0.57	1		07/08/11 09:46	75-35-4	
cis-1,2-Dichloroethene	<0.83 ug/L		1.0	0.83	1		07/08/11 09:46	156-59-2	
trans-1,2-Dichloroethene	<0.89 ug/L		1.0	0.89	1		07/08/11 09:46	156-60-5	
1,2-Dichloropropane	<0.49 ug/L		1.0	0.49	1		07/08/11 09:46	78-87-5	
1,3-Dichloropropane	<0.61 ug/L		1.0	0.61	1		07/08/11 09:46	142-28-9	
2,2-Dichloropropane	<0.62 ug/L		1.0	0.62	1		07/08/11 09:46	594-20-7	
1,1-Dichloropropene	<0.75 ug/L		1.0	0.75	1		07/08/11 09:46	563-58-6	
cis-1,3-Dichloropropene	<0.20 ug/L		1.0	0.20	1		07/08/11 09:46	10061-01-5	
trans-1,3-Dichloropropene	<0.19 ug/L		1.0	0.19	1		07/08/11 09:46	10061-02-6	
Diisopropyl ether	<0.76 ug/L		1.0	0.76	1		07/08/11 09:46	108-20-3	
Ethylbenzene	<0.54 ug/L		1.0	0.54	1		07/08/11 09:46	100-41-4	
Hexachloro-1,3-butadiene	<0.67 ug/L		5.0	0.67	1		07/08/11 09:46	87-68-3	
Isopropylbenzene (Cumene)	<0.59 ug/L		1.0	0.59	1		07/08/11 09:46	98-82-8	
p-Isopropyltoluene	<0.67 ug/L		1.0	0.67	1		07/08/11 09:46	99-87-6	
Methylene Chloride	<0.43 ug/L		1.0	0.43	1		07/08/11 09:46	75-09-2	
Methyl-tert-butyl ether	<0.61 ug/L		1.0	0.61	1		07/08/11 09:46	1634-04-4	
Naphthalene	<0.89 ug/L		5.0	0.89	1		07/08/11 09:46	91-20-3	
n-Propylbenzene	<0.81 ug/L		1.0	0.81	1		07/08/11 09:46	103-65-1	
Styrene	<0.86 ug/L		1.0	0.86	1		07/08/11 09:46	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92 ug/L		1.0	0.92	1		07/08/11 09:46	630-20-6	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: PZ-2 Lab ID: 4047928014 Collected: 06/30/11 14:55 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		07/08/11 09:46	79-34-5	
Tetrachloroethene	13.0	ug/L	1.0	0.45	1		07/08/11 09:46	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		07/08/11 09:46	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		07/08/11 09:46	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		07/08/11 09:46	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		07/08/11 09:46	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		07/08/11 09:46	79-00-5	
Trichloroethene	0.74J	ug/L	1.0	0.48	1		07/08/11 09:46	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		07/08/11 09:46	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		07/08/11 09:46	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		07/08/11 09:46	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		07/08/11 09:46	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/08/11 09:46	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		07/08/11 09:46	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		07/08/11 09:46	95-47-6	
4-Bromofluorobenzene (S)	94	%	69-130		1		07/08/11 09:46	460-00-4	
Dibromofluoromethane (S)	91	%	70-134		1		07/08/11 09:46	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		07/08/11 09:46	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: DUPLICATE Lab ID: 4047928015 Collected: 06/30/11 00:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<2.0	ug/L	5.0	2.0	5		07/07/11 17:22	71-43-2	
Bromobenzene	<4.1	ug/L	5.0	4.1	5		07/07/11 17:22	108-86-1	
Bromochloromethane	<4.8	ug/L	5.0	4.8	5		07/07/11 17:22	74-97-5	
Bromodichloromethane	<2.8	ug/L	5.0	2.8	5		07/07/11 17:22	75-27-4	
Bromoform	<4.7	ug/L	5.0	4.7	5		07/07/11 17:22	75-25-2	
Bromomethane	<4.6	ug/L	5.0	4.6	5		07/07/11 17:22	74-83-9	
n-Butylbenzene	<4.6	ug/L	5.0	4.6	5		07/07/11 17:22	104-51-8	
sec-Butylbenzene	<4.4	ug/L	25.0	4.4	5		07/07/11 17:22	135-98-8	
tert-Butylbenzene	<4.8	ug/L	5.0	4.8	5		07/07/11 17:22	98-06-6	
Carbon tetrachloride	<2.4	ug/L	5.0	2.4	5		07/07/11 17:22	56-23-5	
Chlorobenzene	<2.0	ug/L	5.0	2.0	5		07/07/11 17:22	108-90-7	
Chloroethane	<4.8	ug/L	5.0	4.8	5		07/07/11 17:22	75-00-3	
Chloroform	<6.5	ug/L	25.0	6.5	5		07/07/11 17:22	67-66-3	
Chloromethane	<1.2	ug/L	5.0	1.2	5		07/07/11 17:22	74-87-3	
2-Chlorotoluene	<4.2	ug/L	5.0	4.2	5		07/07/11 17:22	95-49-8	
4-Chlorotoluene	<3.7	ug/L	5.0	3.7	5		07/07/11 17:22	106-43-4	
1,2-Dibromo-3-chloropropane	<8.4	ug/L	25.0	8.4	5		07/07/11 17:22	96-12-8	
Dibromochloromethane	<4.0	ug/L	5.0	4.0	5		07/07/11 17:22	124-48-1	
1,2-Dibromoethane (EDB)	<2.8	ug/L	5.0	2.8	5		07/07/11 17:22	106-93-4	
Dibromomethane	<3.0	ug/L	5.0	3.0	5		07/07/11 17:22	74-95-3	
1,2-Dichlorobenzene	<4.2	ug/L	5.0	4.2	5		07/07/11 17:22	95-50-1	
1,3-Dichlorobenzene	<4.4	ug/L	5.0	4.4	5		07/07/11 17:22	541-73-1	
1,4-Dichlorobenzene	<4.8	ug/L	5.0	4.8	5		07/07/11 17:22	106-46-7	
Dichlorodifluoromethane	<5.0	ug/L	5.0	5.0	5		07/07/11 17:22	75-71-8	
1,1-Dichloroethane	<3.8	ug/L	5.0	3.8	5		07/07/11 17:22	75-34-3	
1,2-Dichloroethane	<1.8	ug/L	5.0	1.8	5		07/07/11 17:22	107-06-2	
1,1-Dichloroethene	<2.8	ug/L	5.0	2.8	5		07/07/11 17:22	75-35-4	
cis-1,2-Dichloroethene	19.9	ug/L	5.0	4.2	5		07/07/11 17:22	156-59-2	
trans-1,2-Dichloroethene	<4.4	ug/L	5.0	4.4	5		07/07/11 17:22	156-60-5	
1,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		07/07/11 17:22	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	5.0	3.0	5		07/07/11 17:22	142-28-9	
2,2-Dichloropropane	<3.1	ug/L	5.0	3.1	5		07/07/11 17:22	594-20-7	
1,1-Dichloropropene	<3.8	ug/L	5.0	3.8	5		07/07/11 17:22	563-58-6	
cis-1,3-Dichloropropene	<1.0	ug/L	5.0	1.0	5		07/07/11 17:22	10061-01-5	
trans-1,3-Dichloropropene	<0.95	ug/L	5.0	0.95	5		07/07/11 17:22	10061-02-6	
Diisopropyl ether	<3.8	ug/L	5.0	3.8	5		07/07/11 17:22	108-20-3	
Ethylbenzene	<2.7	ug/L	5.0	2.7	5		07/07/11 17:22	100-41-4	
Hexachloro-1,3-butadiene	<3.4	ug/L	25.0	3.4	5		07/07/11 17:22	87-68-3	
Isopropylbenzene (Cumene)	<3.0	ug/L	5.0	3.0	5		07/07/11 17:22	98-82-8	
p-Isopropyltoluene	<3.4	ug/L	5.0	3.4	5		07/07/11 17:22	99-87-6	
Methylene Chloride	4.2J	ug/L	5.0	2.2	5		07/07/11 17:22	75-09-2	Z3
Methyl-tert-butyl ether	<3.0	ug/L	5.0	3.0	5		07/07/11 17:22	1634-04-4	
Naphthalene	<4.4	ug/L	25.0	4.4	5		07/07/11 17:22	91-20-3	
n-Propylbenzene	<4.0	ug/L	5.0	4.0	5		07/07/11 17:22	103-65-1	
Styrene	<4.3	ug/L	5.0	4.3	5		07/07/11 17:22	100-42-5	
1,1,1,2-Tetrachloroethane	<4.6	ug/L	5.0	4.6	5		07/07/11 17:22	630-20-6	





ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
 Pace Project No.: 4047928

Sample: DUPLICATE Lab ID: 4047928015 Collected: 06/30/11 00:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.0	ug/L	5.0	1.0	5		07/07/11 17:22	79-34-5	
Tetrachloroethene	986	ug/L	5.0	2.2	5		07/07/11 17:22	127-18-4	
Toluene	<3.4	ug/L	5.0	3.4	5		07/07/11 17:22	108-88-3	
1,2,3-Trichlorobenzene	<3.7	ug/L	5.0	3.7	5		07/07/11 17:22	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	5.0	4.8	5		07/07/11 17:22	120-82-1	
1,1,1-Trichloroethane	<4.5	ug/L	5.0	4.5	5		07/07/11 17:22	71-55-6	
1,1,2-Trichloroethane	<2.1	ug/L	5.0	2.1	5		07/07/11 17:22	79-00-5	
Trichloroethene	72.4	ug/L	5.0	2.4	5		07/07/11 17:22	79-01-6	
Trichlorofluoromethane	<4.0	ug/L	5.0	4.0	5		07/07/11 17:22	75-69-4	
1,2,3-Trichloropropane	<5.0	ug/L	5.0	5.0	5		07/07/11 17:22	96-18-4	
1,2,4-Trimethylbenzene	<4.8	ug/L	5.0	4.8	5		07/07/11 17:22	95-63-6	
1,3,5-Trimethylbenzene	<4.2	ug/L	5.0	4.2	5		07/07/11 17:22	108-67-8	
Vinyl chloride	<0.90	ug/L	5.0	0.90	5		07/07/11 17:22	75-01-4	
m&p-Xylene	<9.0	ug/L	10.0	9.0	5		07/07/11 17:22	179601-23-1	
o-Xylene	<4.2	ug/L	5.0	4.2	5		07/07/11 17:22	95-47-6	
4-Bromofluorobenzene (S)	93	%	69-130		5		07/07/11 17:22	460-00-4	
Dibromofluoromethane (S)	92	%	70-134		5		07/07/11 17:22	1868-53-7	pH
Toluene-d8 (S)	93	%	70-130		5		07/07/11 17:22	2037-26-5	



ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

Sample: TRIP BLANK Lab ID: 4047928016 Collected: 06/30/11 00:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.41	ug/L	1.0	0.41	1		07/07/11 10:10	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		07/07/11 10:10	108-86-1	
Bromochloromethane	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	74-97-5	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		07/07/11 10:10	75-27-4	
Bromoform	<0.94	ug/L	1.0	0.94	1		07/07/11 10:10	75-25-2	
Bromomethane	<0.91	ug/L	1.0	0.91	1		07/07/11 10:10	74-83-9	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		07/07/11 10:10	104-51-8	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		07/07/11 10:10	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	98-06-6	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		07/07/11 10:10	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		07/07/11 10:10	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		07/07/11 10:10	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		07/07/11 10:10	74-87-3	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		07/07/11 10:10	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		07/07/11 10:10	106-43-4	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		07/07/11 10:10	96-12-8	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		07/07/11 10:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		07/07/11 10:10	106-93-4	
Dibromomethane	<0.60	ug/L	1.0	0.60	1		07/07/11 10:10	74-95-3	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:10	95-50-1	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		07/07/11 10:10	541-73-1	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		07/07/11 10:10	106-46-7	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		07/07/11 10:10	75-71-8	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		07/07/11 10:10	75-34-3	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		07/07/11 10:10	107-06-2	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		07/07/11 10:10	75-35-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:10	156-59-2	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		07/07/11 10:10	156-60-5	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		07/07/11 10:10	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		07/07/11 10:10	142-28-9	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		07/07/11 10:10	594-20-7	
1,1-Dichloropropene	<0.75	ug/L	1.0	0.75	1		07/07/11 10:10	563-58-6	
cis-1,3-Dichloropropene	<0.20	ug/L	1.0	0.20	1		07/07/11 10:10	10061-01-5	
trans-1,3-Dichloropropene	<0.19	ug/L	1.0	0.19	1		07/07/11 10:10	10061-02-6	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		07/07/11 10:10	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		07/07/11 10:10	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		07/07/11 10:10	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		07/07/11 10:10	98-82-8	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		07/07/11 10:10	99-87-6	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		07/07/11 10:10	75-09-2	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		07/07/11 10:10	1634-04-4	
Naphthalene	<0.89	ug/L	5.0	0.89	1		07/07/11 10:10	91-20-3	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		07/07/11 10:10	103-65-1	
Styrene	<0.86	ug/L	1.0	0.86	1		07/07/11 10:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.92	ug/L	1.0	0.92	1		07/07/11 10:10	630-20-6	

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ANALYTICAL RESULTS

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Sample: TRIP BLANK Lab ID: 4047928016 Collected: 06/30/11 00:00 Received: 07/06/11 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		07/07/11 10:10	79-34-5	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		07/07/11 10:10	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		07/07/11 10:10	108-88-3	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		07/07/11 10:10	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	120-82-1	
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		07/07/11 10:10	71-55-6	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		07/07/11 10:10	79-00-5	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		07/07/11 10:10	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		07/07/11 10:10	75-69-4	
1,2,3-Trichloropropane	<0.99	ug/L	1.0	0.99	1		07/07/11 10:10	96-18-4	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		07/07/11 10:10	95-63-6	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:10	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		07/07/11 10:10	75-01-4	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		07/07/11 10:10	179601-23-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		07/07/11 10:10	95-47-6	
4-Bromofluorobenzene (S)	97 %		69-130		1		07/07/11 10:10	460-00-4	
Dibromofluoromethane (S)	90 %		70-134		1		07/07/11 10:10	1868-53-7	
Toluene-d8 (S)	93 %		70-130		1		07/07/11 10:10	2037-26-5	



QUALITY CONTROL DATA

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

QC Batch: MSV/11884 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4047928011, 4047928012, 4047928013, 4047928014, 4047928015, 4047928016

METHOD BLANK: 474021 Matrix: Water
Associated Lab Samples: 4047928011, 4047928012, 4047928013, 4047928014, 4047928015, 4047928016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	07/07/11 06:22	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	07/07/11 06:22	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	07/07/11 06:22	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	07/07/11 06:22	
1,1-Dichloroethane	ug/L	<0.75	1.0	07/07/11 06:22	
1,1-Dichloroethene	ug/L	<0.57	1.0	07/07/11 06:22	
1,1-Dichloropropene	ug/L	<0.75	1.0	07/07/11 06:22	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	07/07/11 06:22	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	07/07/11 06:22	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	07/07/11 06:22	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	07/07/11 06:22	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	07/07/11 06:22	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	07/07/11 06:22	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	07/07/11 06:22	
1,2-Dichloroethane	ug/L	<0.36	1.0	07/07/11 06:22	
1,2-Dichloropropane	ug/L	<0.49	1.0	07/07/11 06:22	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	07/07/11 06:22	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	07/07/11 06:22	
1,3-Dichloropropane	ug/L	<0.61	1.0	07/07/11 06:22	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	07/07/11 06:22	
2,2-Dichloropropane	ug/L	<0.62	1.0	07/07/11 06:22	
2-Chlorotoluene	ug/L	<0.85	1.0	07/07/11 06:22	
4-Chlorotoluene	ug/L	<0.74	1.0	07/07/11 06:22	
Benzene	ug/L	<0.41	1.0	07/07/11 06:22	
Bromobenzene	ug/L	<0.82	1.0	07/07/11 06:22	
Bromochloromethane	ug/L	<0.97	1.0	07/07/11 06:22	
Bromodichloromethane	ug/L	<0.56	1.0	07/07/11 06:22	
Bromoform	ug/L	<0.94	1.0	07/07/11 06:22	
Bromomethane	ug/L	<0.91	1.0	07/07/11 06:22	
Carbon tetrachloride	ug/L	<0.49	1.0	07/07/11 06:22	
Chlorobenzene	ug/L	<0.41	1.0	07/07/11 06:22	
Chloroethane	ug/L	<0.97	1.0	07/07/11 06:22	
Chloroform	ug/L	<1.3	5.0	07/07/11 06:22	
Chloromethane	ug/L	<0.24	1.0	07/07/11 06:22	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	07/07/11 06:22	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	07/07/11 06:22	
Dibromochloromethane	ug/L	<0.81	1.0	07/07/11 06:22	
Dibromomethane	ug/L	<0.60	1.0	07/07/11 06:22	
Dichlorodifluoromethane	ug/L	<0.99	1.0	07/07/11 06:22	
Diisopropyl ether	ug/L	<0.76	1.0	07/07/11 06:22	
Ethylbenzene	ug/L	<0.54	1.0	07/07/11 06:22	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	07/07/11 06:22	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	07/07/11 06:22	

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QUALITY CONTROL DATA

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

METHOD BLANK: 474021

Matrix: Water

Associated Lab Samples: 4047928011, 4047928012, 4047928013, 4047928014, 4047928015, 4047928016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.8	2.0	07/07/11 06:22	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	07/07/11 06:22	
Methylene Chloride	ug/L	<0.43	1.0	07/07/11 06:22	
n-Butylbenzene	ug/L	<0.93	1.0	07/07/11 06:22	
n-Propylbenzene	ug/L	<0.81	1.0	07/07/11 06:22	
Naphthalene	ug/L	<0.89	5.0	07/07/11 06:22	
o-Xylene	ug/L	<0.83	1.0	07/07/11 06:22	
p-Isopropyltoluene	ug/L	<0.67	1.0	07/07/11 06:22	
sec-Butylbenzene	ug/L	<0.89	5.0	07/07/11 06:22	
Styrene	ug/L	<0.86	1.0	07/07/11 06:22	
tert-Butylbenzene	ug/L	<0.97	1.0	07/07/11 06:22	
Tetrachloroethene	ug/L	<0.45	1.0	07/07/11 06:22	
Toluene	ug/L	<0.67	1.0	07/07/11 06:22	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	07/07/11 06:22	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	07/07/11 06:22	
Trichloroethene	ug/L	<0.48	1.0	07/07/11 06:22	
Trichlorofluoromethane	ug/L	<0.79	1.0	07/07/11 06:22	
Vinyl chloride	ug/L	<0.18	1.0	07/07/11 06:22	
4-Bromofluorobenzene (S)	%	94	69-130	07/07/11 06:22	
Dibromofluoromethane (S)	%	92	70-134	07/07/11 06:22	
Toluene-d8 (S)	%	94	70-130	07/07/11 06:22	

LABORATORY CONTROL SAMPLE & LCSD: 474022

474023

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	58.8	60.4	118	121	70-132	3	20	
1,1,2,2-Tetrachloroethane	ug/L	50	43.9	43.5	88	87	63-130	.9	20	
1,1,2-Trichloroethane	ug/L	50	49.8	50.3	100	101	70-130	1	20	
1,1-Dichloroethane	ug/L	50	53.6	54.7	107	109	70-132	2	20	
1,1-Dichloroethene	ug/L	50	47.7	49.3	95	99	70-137	3	20	
1,2-Dichloroethane	ug/L	50	58.8	59.6	118	119	70-130	1	20	
1,2-Dichloropropane	ug/L	50	54.2	55.2	108	110	70-130	2	20	
Benzene	ug/L	50	48.4	49.4	97	99	70-130	2	20	
Bromodichloromethane	ug/L	50	58.3	58.6	117	117	70-131	.4	20	
Bromoform	ug/L	50	51.5	50.7	103	101	70-130	1	20	
Bromomethane	ug/L	50	42.6	46.8	85	94	53-160	9	20	
Carbon tetrachloride	ug/L	50	56.5	58.3	113	117	70-130	3	20	
Chlorobenzene	ug/L	50	50.2	51.1	100	102	70-130	2	20	
Chloroethane	ug/L	50	46.6	48.2	93	96	70-147	3	20	
Chloroform	ug/L	50	51.5	52.3	103	105	70-130	2	20	
Chloromethane	ug/L	50	38.0	36.9	76	74	41-137	3	20	
cis-1,2-Dichloroethene	ug/L	50	46.7	47.7	93	95	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	50	51.7	50.3	103	101	70-130	3	20	
Dibromochloromethane	ug/L	50	51.7	52.6	103	105	70-130	2	20	
Ethylbenzene	ug/L	50	55.5	56.3	111	113	70-130	2	20	

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QUALITY CONTROL DATA

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

LABORATORY CONTROL SAMPLE & LCSD: 474022		474023								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/L	100	108	113	108	113	70-130	4	20	
Methylene Chloride	ug/L	50	45.6	47.0	91	94	70-130	3	20	
o-Xylene	ug/L	50	53.2	54.4	106	109	70-130	2	20	
Styrene	ug/L	50	54.7	55.8	109	112	70-130	2	20	
Tetrachloroethene	ug/L	50	52.9	54.0	106	108	70-130	2	20	
Toluene	ug/L	50	52.5	54.5	105	109	70-130	4	20	
trans-1,2-Dichloroethene	ug/L	50	49.2	51.4	98	103	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	50	50.0	50.3	100	101	70-130	.5	20	
Trichloroethene	ug/L	50	57.5	57.9	115	116	70-130	.7	20	
Vinyl chloride	ug/L	50	43.7	45.7	87	91	47-131	4	20	
4-Bromofluorobenzene (S)	%				99	100	69-130			
Dibromofluoromethane (S)	%				90	93	70-134			
Toluene-d8 (S)	%				95	96	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 474103		474104											
Parameter	Units	4047928012		MS Spike	MSD Spike	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Conc.	Result	Result	% Rec	% Rec				
1,1,1-Trichloroethane	ug/L	<0.90	50	50	57.4	59.0	115	118	70-132	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	42.7	44.9	85	90	61-130	5	20		
1,1,2-Trichloroethane	ug/L	<0.42	50	50	50.0	50.3	100	101	70-130	.6	20		
1,1-Dichloroethane	ug/L	<0.75	50	50	54.4	54.1	109	108	70-132	.6	20		
1,1-Dichloroethene	ug/L	<0.57	50	50	47.8	47.7	96	95	70-137	.2	20		
1,2-Dichloroethane	ug/L	<0.36	50	50	58.3	58.6	117	117	70-133	.5	20		
1,2-Dichloropropane	ug/L	<0.49	50	50	54.1	54.4	108	109	70-130	.6	20		
Benzene	ug/L	<0.41	50	50	48.8	48.6	98	97	70-130	.5	20		
Bromodichloromethane	ug/L	<0.56	50	50	57.6	57.7	115	115	70-131	.2	20		
Bromoform	ug/L	<0.94	50	50	47.7	48.0	95	96	68-130	.5	20		
Bromomethane	ug/L	<0.91	50	50	39.7	46.0	79	92	47-177	15	20		
Carbon tetrachloride	ug/L	<0.49	50	50	55.1	56.4	110	113	70-149	2	20		
Chlorobenzene	ug/L	<0.41	50	50	50.5	51.7	101	103	70-130	2	20		
Chloroethane	ug/L	<0.97	50	50	46.6	47.1	93	94	66-147	1	20		
Chloroform	ug/L	<1.3	50	50	52.0	52.4	104	105	70-130	.9	20		
Chloromethane	ug/L	<0.24	50	50	38.8	39.3	78	79	41-137	1	20		
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	46.9	46.2	94	92	70-130	2	20		
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	45.2	46.4	90	93	70-130	3	20		
Dibromochloromethane	ug/L	<0.81	50	50	50.6	50.5	101	101	70-130	.06	20		
Ethylbenzene	ug/L	<0.54	50	50	56.5	56.0	113	112	70-130	.8	20		
m&p-Xylene	ug/L	<1.8	100	100	108	110	108	110	70-130	2	20		
Methylene Chloride	ug/L	<0.43	50	50	46.8	46.4	94	93	70-130	.9	20		
o-Xylene	ug/L	<0.83	50	50	53.6	53.3	107	107	70-130	.6	20		
Styrene	ug/L	<0.86	50	50	44.3	46.9	89	94	13-149	6	20		
Tetrachloroethene	ug/L	<0.45	50	50	53.9	54.4	108	109	70-130	.8	20		
Toluene	ug/L	<0.67	50	50	54.1	54.1	108	108	70-130	.03	20		
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	47.9	50.3	96	101	70-130	5	20		
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	45.0	47.4	90	95	70-130	5	20		
Trichloroethene	ug/L	<0.48	50	50	56.7	57.1	113	114	70-130	.8	20		

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QUALITY CONTROL DATA

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE:								% Rec Limits	Max	
		4047928012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD		RPD	Qual
Vinyl chloride	ug/L	<0.18	50	50	43.4	44.4	87	89	46-131	2	20	
4-Bromofluorobenzene (S)	%						99	99	69-130			
Dibromofluoromethane (S)	%						90	90	70-134			
Toluene-d8 (S)	%						96	95	70-130			



QUALITY CONTROL DATA

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

QC Batch: MSV/11890 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4047928001, 4047928002, 4047928003, 4047928004, 4047928005, 4047928006, 4047928007, 4047928008, 4047928009, 4047928010

METHOD BLANK: 474061

Matrix: Water

Associated Lab Samples: 4047928001, 4047928002, 4047928003, 4047928004, 4047928005, 4047928006, 4047928007, 4047928008, 4047928009, 4047928010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	07/07/11 06:22	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	07/07/11 06:22	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	07/07/11 06:22	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	07/07/11 06:22	
1,1-Dichloroethane	ug/L	<0.75	1.0	07/07/11 06:22	
1,1-Dichloroethene	ug/L	<0.57	1.0	07/07/11 06:22	
1,1-Dichloropropene	ug/L	<0.75	1.0	07/07/11 06:22	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	07/07/11 06:22	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	07/07/11 06:22	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	07/07/11 06:22	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	07/07/11 06:22	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	07/07/11 06:22	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	07/07/11 06:22	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	07/07/11 06:22	
1,2-Dichloroethane	ug/L	<0.36	1.0	07/07/11 06:22	
1,2-Dichloropropane	ug/L	<0.49	1.0	07/07/11 06:22	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	07/07/11 06:22	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	07/07/11 06:22	
1,3-Dichloropropane	ug/L	<0.61	1.0	07/07/11 06:22	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	07/07/11 06:22	
2,2-Dichloropropane	ug/L	<0.62	1.0	07/07/11 06:22	
2-Chlorotoluene	ug/L	<0.85	1.0	07/07/11 06:22	
4-Chlorotoluene	ug/L	<0.74	1.0	07/07/11 06:22	
Benzene	ug/L	<0.41	1.0	07/07/11 06:22	
Bromobenzene	ug/L	<0.82	1.0	07/07/11 06:22	
Bromochloromethane	ug/L	<0.97	1.0	07/07/11 06:22	
Bromodichloromethane	ug/L	<0.56	1.0	07/07/11 06:22	
Bromoform	ug/L	<0.94	1.0	07/07/11 06:22	
Bromomethane	ug/L	<0.91	1.0	07/07/11 06:22	
Carbon tetrachloride	ug/L	<0.49	1.0	07/07/11 06:22	
Chlorobenzene	ug/L	<0.41	1.0	07/07/11 06:22	
Chloroethane	ug/L	<0.97	1.0	07/07/11 06:22	
Chloroform	ug/L	<1.3	5.0	07/07/11 06:22	
Chloromethane	ug/L	<0.24	1.0	07/07/11 06:22	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	07/07/11 06:22	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	07/07/11 06:22	
Dibromochloromethane	ug/L	<0.81	1.0	07/07/11 06:22	
Dibromomethane	ug/L	<0.60	1.0	07/07/11 06:22	
Dichlorodifluoromethane	ug/L	<0.99	1.0	07/07/11 06:22	
Diisopropyl ether	ug/L	<0.76	1.0	07/07/11 06:22	
Ethylbenzene	ug/L	<0.54	1.0	07/07/11 06:22	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15807 K & W MANUFACTURING
 Pace Project No.: 4047928

METHOD BLANK: 474061 Matrix: Water
 Associated Lab Samples: 4047928001, 4047928002, 4047928003, 4047928004, 4047928005, 4047928006, 4047928007, 4047928008, 4047928009, 4047928010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	07/07/11 06:22	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	07/07/11 06:22	
m&p-Xylene	ug/L	<1.8	2.0	07/07/11 06:22	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	07/07/11 06:22	
Methylene Chloride	ug/L	<0.43	1.0	07/07/11 06:22	
n-Butylbenzene	ug/L	<0.93	1.0	07/07/11 06:22	
n-Propylbenzene	ug/L	<0.81	1.0	07/07/11 06:22	
Naphthalene	ug/L	<0.89	5.0	07/07/11 06:22	
o-Xylene	ug/L	<0.83	1.0	07/07/11 06:22	
p-Isopropyltoluene	ug/L	<0.67	1.0	07/07/11 06:22	
sec-Butylbenzene	ug/L	<0.89	5.0	07/07/11 06:22	
Styrene	ug/L	<0.86	1.0	07/07/11 06:22	
tert-Butylbenzene	ug/L	<0.97	1.0	07/07/11 06:22	
Tetrachloroethene	ug/L	<0.45	1.0	07/07/11 06:22	
Toluene	ug/L	<0.67	1.0	07/07/11 06:22	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	07/07/11 06:22	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	07/07/11 06:22	
Trichloroethene	ug/L	<0.48	1.0	07/07/11 06:22	
Trichlorofluoromethane	ug/L	<0.79	1.0	07/07/11 06:22	
Vinyl chloride	ug/L	<0.18	1.0	07/07/11 06:22	
4-Bromofluorobenzene (S)	%	92	69-130	07/07/11 06:22	
Dibromofluoromethane (S)	%	102	70-134	07/07/11 06:22	
Toluene-d8 (S)	%	101	70-130	07/07/11 06:22	

LABORATORY CONTROL SAMPLE & LCSD: 474062

474063

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.6	56.6	111	113	70-132	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	54.2	56.2	108	112	63-130	4	20	
1,1,2-Trichloroethane	ug/L	50	53.0	54.1	106	108	70-130	2	20	
1,1-Dichloroethane	ug/L	50	60.8	60.7	122	121	70-132	.1	20	
1,1-Dichloroethene	ug/L	50	60.4	60.5	121	121	70-137	.09	20	
1,2-Dichloroethane	ug/L	50	57.7	57.9	115	116	70-130	.2	20	
1,2-Dichloropropane	ug/L	50	56.9	57.8	114	116	70-130	2	20	
Benzene	ug/L	50	59.7	60.5	119	121	70-130	1	20	
Bromodichloromethane	ug/L	50	52.8	53.5	106	107	70-131	1	20	
Bromoform	ug/L	50	41.1	43.1	82	86	70-130	5	20	
Bromomethane	ug/L	50	57.5	61.6	115	123	53-160	7	20	
Carbon tetrachloride	ug/L	50	56.0	58.5	112	117	70-130	4	20	
Chlorobenzene	ug/L	50	51.2	52.3	102	105	70-130	2	20	
Chloroethane	ug/L	50	60.3	61.0	121	122	70-147	1	20	
Chloroform	ug/L	50	57.0	58.1	114	116	70-130	2	20	
Chloromethane	ug/L	50	53.9	53.9	108	108	41-137	.07	20	
cis-1,2-Dichloroethene	ug/L	50	54.2	54.5	108	109	70-130	.6	20	



QUALITY CONTROL DATA

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

LABORATORY CONTROL SAMPLE & LCSD: 474062		474063								
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	46.5	47.9	93	96	70-130	3	20	
Dibromochloromethane	ug/L	50	45.1	47.4	90	95	70-130	5	20	
Ethylbenzene	ug/L	50	53.8	54.9	108	110	70-130	2	20	
m&p-Xylene	ug/L	100	107	109	107	109	70-130	2	20	
Methylene Chloride	ug/L	50	60.8	62.2	122	124	70-130	2	20	
o-Xylene	ug/L	50	52.1	53.2	104	106	70-130	2	20	
Styrene	ug/L	50	48.7	49.5	97	99	70-130	2	20	
Tetrachloroethene	ug/L	50	48.2	49.2	96	98	70-130	2	20	
Toluene	ug/L	50	53.6	54.6	107	109	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	50	55.8	56.6	112	113	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	42.2	42.7	84	85	70-130	1	20	
Trichloroethene	ug/L	50	54.4	55.4	109	111	70-130	2	20	
Vinyl chloride	ug/L	50	57.7	59.3	115	119	47-131	3	20	
4-Bromofluorobenzene (S)	%				100	100	69-130			
Dibromofluoromethane (S)	%				105	107	70-134			
Toluene-d8 (S)	%				102	103	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 474101		474102											
Parameter	Units	4047928008		MS Spike	MSD Spike	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		Result	Conc.	Conc.	Result	Result	% Rec	% Rec	RPD	RPD			
1,1,1-Trichloroethane	ug/L	<0.90	50	50	54.4	55.8	109	112	70-132	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	55.5	56.0	111	112	61-130	1	20		
1,1,2-Trichloroethane	ug/L	<0.42	50	50	54.0	53.4	108	107	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.75	50	50	59.6	60.9	119	122	70-132	2	20		
1,1-Dichloroethene	ug/L	<0.57	50	50	59.2	60.9	118	122	70-137	3	20		
1,2-Dichloroethane	ug/L	<0.36	50	50	58.0	58.6	116	117	70-133	1	20		
1,2-Dichloropropane	ug/L	<0.49	50	50	56.4	57.9	113	116	70-130	3	20		
Benzene	ug/L	<0.41	50	50	59.4	60.1	119	120	70-130	1	20		
Bromodichloromethane	ug/L	<0.56	50	50	52.7	54.1	105	108	70-131	3	20		
Bromoform	ug/L	<0.94	50	50	41.9	43.1	84	86	68-130	3	20		
Bromomethane	ug/L	<0.91	50	50	57.7	60.8	115	122	47-177	5	20		
Carbon tetrachloride	ug/L	<0.49	50	50	55.5	57.0	111	114	70-149	3	20		
Chlorobenzene	ug/L	<0.41	50	50	50.6	51.5	101	103	70-130	2	20		
Chloroethane	ug/L	<0.97	50	50	59.7	61.1	119	122	66-147	2	20		
Chloroform	ug/L	<1.3	50	50	57.3	58.0	115	116	70-130	1	20		
Chloromethane	ug/L	<0.24	50	50	50.7	51.9	101	104	41-137	2	20		
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	53.5	54.9	107	110	70-130	3	20		
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	46.7	47.6	93	95	70-130	2	20		
Dibromochloromethane	ug/L	<0.81	50	50	45.8	46.1	92	92	70-130	.7	20		
Ethylbenzene	ug/L	<0.54	50	50	53.2	54.4	106	109	70-130	2	20		
m&p-Xylene	ug/L	<1.8	100	100	105	108	105	108	70-130	2	20		
Methylene Chloride	ug/L	<0.43	50	50	60.7	62.1	121	124	70-130	2	20		
o-Xylene	ug/L	<0.83	50	50	51.3	52.2	103	104	70-130	2	20		
Styrene	ug/L	<0.86	50	50	47.7	48.4	95	97	13-149	1	20		
Tetrachloroethene	ug/L	<0.45	50	50	47.7	48.5	95	97	70-130	2	20		
Toluene	ug/L	<0.67	50	50	52.9	53.9	106	108	70-130	2	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 15807 K & W MANUFACTURING

Pace Project No.: 4047928

Parameter	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 474101			474102			MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
	Units	4047928008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result				RPD	RPD	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	54.9	55.8	110	112	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	41.8	42.7	84	85	70-130	2	20	
Trichloroethene	ug/L	<0.48	50	50	53.9	54.8	108	110	70-130	2	20	
Vinyl chloride	ug/L	<0.18	50	50	56.1	57.3	112	115	46-131	2	20	
4-Bromofluorobenzene (S)	%						101	100	69-130			
Dibromofluoromethane (S)	%						108	107	70-134			
Toluene-d8 (S)	%						102	104	70-130			



QUALIFIERS

Project: 15807 K & W MANUFACTURING
Pace Project No.: 4047928

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.

SG - Silica Gel - Clean-Up

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

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
- 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.
- pH Post-analysis pH measurement indicates insufficient VOA sample preservation.





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

June 23, 2011

Rich Gnat
KPRG and Associates
14665 W. Lisbon Rd.
Suite 28
Brookfield, WI 53005

RE: Project: 15807 K+W Manufacturing
Pace Project No.: 10159900

Dear Rich Gnat:

Enclosed are the analytical results for sample(s) received by the laboratory on June 10, 2011. 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,

Carolynne Trout

Carolynne Trout

carolynne.trout@paceiabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 15807 K+W Manufacturing

Pace Project No.: 10159900

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

EPA Region 8 Certification #: Pace

Florida/NELAP Certification #: E87605

Georgia Certification #: 959

Idaho Certification #: MN00064

Illinois Certification #: 200011

Iowa Certification #: 368

Kansas Certification #: E-10167

Louisiana Certification #: 03086

Louisiana Certification #: LA080009

Maine Certification #: 2007029

Maryland Certification #: 322

Michigan DEQ Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT CERT0092

Nevada Certification #: MN_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New Mexico Certification #: Pace

New York Certification #: 11647

North Carolina Certification #: 530

North Dakota Certification #: R-036

North Dakota Certification #: R-036A

Ohio VAP Certification #: CL101

Oklahoma Certification #: D9921

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Tennessee Certification #: 02818

Texas Certification #: T104704192

Washington Certification #: C754

Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 15807 K+W Manufacturing
Pace Project No.: 10159900

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10159900001	8619 INDOOR-1	Air	06/08/11 09:12	06/10/11 14:31
10159900002	8619 INDOOR-2	Air	06/08/11 09:13	06/10/11 14:31
10159900003	8633 INDOOR-1	Air	06/08/11 09:10	06/10/11 14:31
10159900004	8619 OUTDOOR-1	Air	06/07/11 04:58	06/10/11 14:31

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 15807 K+W Manufacturing
Pace Project No.: 10159900

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10159900001	8619 INDOOR-1	TO-15	DR1	5
10159900002	8619 INDOOR-2	TO-15	DR1	5
10159900003	8633 INDOOR-1	TO-15	DR1	5
10159900004	8619 OUTDOOR-1	TO-15	DR1	5

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 15807 K+W Manufacturing

Pace Project No.: 10159900

Sample: 8619 INDOOR-1 Lab ID: 10159900001 Collected: 06/08/11 09:12 Received: 06/10/11 14:31 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.54		06/16/11 22:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.54		06/16/11 22:37	156-60-5	
Tetrachloroethene	ND	ug/m3	1.1	1.54		06/16/11 22:37	127-18-4	
Trichloroethene	ND	ug/m3	0.85	1.54		06/16/11 22:37	79-01-6	
Vinyl chloride	ND	ug/m3	0.40	1.54		06/16/11 22:37	75-01-4	

ANALYTICAL RESULTS

Project: 15807 K+W Manufacturing

Pace Project No.: 10159900

Sample: 8619 INDOOR-2 Lab ID: 10159900002 Collected: 06/08/11 09:13 Received: 06/10/11 14:31 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
cis-1,2-Dichloroethene	ND	ug/m3	1.1	1.38		06/16/11 23:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	1.38		06/16/11 23:06	156-60-5	
Tetrachloroethene	1.4	ug/m3	0.95	1.38		06/16/11 23:06	127-18-4	
Trichloroethene	ND	ug/m3	0.76	1.38		06/16/11 23:06	79-01-6	
Vinyl chloride	ND	ug/m3	0.36	1.38		06/16/11 23:06	75-01-4	

ANALYTICAL RESULTS

Project: 15807 K+W Manufacturing
Pace Project No.: 10159900

Sample: 8633 INDOOR-1		Lab ID: 10159900003	Collected: 06/08/11 09:10	Received: 06/10/11 14:31	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
cis-1,2-Dichloroethene	ND	ug/m3	1.1	1.38		06/16/11 23:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	1.38		06/16/11 23:34	156-60-5	
Tetrachloroethene	ND	ug/m3	0.95	1.38		06/16/11 23:34	127-18-4	
Trichloroethene	ND	ug/m3	0.76	1.38		06/16/11 23:34	79-01-6	
Vinyl chloride	ND	ug/m3	0.36	1.38		06/16/11 23:34	75-01-4	

ANALYTICAL RESULTS

Project: 15807 K+W Manufacturing
Pace Project No.: 10159900

Sample: 8619 OUTDOOR-1 **Lab ID: 10159900004** Collected: 06/07/11 04:58 Received: 06/10/11 14:31 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.59		06/17/11 00:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	1.59		06/17/11 00:03	156-60-5	
Tetrachloroethene	ND	ug/m3	1.1	1.59		06/17/11 00:03	127-18-4	
Trichloroethene	ND	ug/m3	0.87	1.59		06/17/11 00:03	79-01-6	
Vinyl chloride	ND	ug/m3	0.41	1.59		06/17/11 00:03	75-01-4	

QUALITY CONTROL DATA

Project: 15807 K+W Manufacturing
Pace Project No.: 10159900

QC Batch: AIR/12517 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10159900001, 10159900002, 10159900003, 10159900004

METHOD BLANK: 996477 Matrix: Air
Associated Lab Samples: 10159900001, 10159900002, 10159900003, 10159900004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	06/16/11 09:55	
Tetrachloroethene	ug/m3	ND	0.69	06/16/11 09:55	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	06/16/11 09:55	
Trichloroethene	ug/m3	ND	0.55	06/16/11 09:55	
Vinyl chloride	ug/m3	ND	0.26	06/16/11 09:55	

LABORATORY CONTROL SAMPLE: 996478

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	33.7	84	69-130	
Tetrachloroethene	ug/m3	69	64.0	93	64-142	
trans-1,2-Dichloroethene	ug/m3	40.3	40.0	99	64-132	
Trichloroethene	ug/m3	54.6	51.4	94	68-132	
Vinyl chloride	ug/m3	26	22.8	88	64-129	

SAMPLE DUPLICATE: 997172

Parameter	Units	10160337002 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	ND			25
Tetrachloroethene	ug/m3	ND	ND			25
trans-1,2-Dichloroethene	ug/m3	ND	ND			25
Trichloroethene	ug/m3	1.7	1.7	3		25
Vinyl chloride	ug/m3	ND	ND			25



QUALIFIERS

Project: 15807 K+W Manufacturing
Pace Project No.: 10159900

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.

SG - Silica Gel - Clean-Up

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

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 15807 K+W Manufacturing
Pace Project No.: 10159900

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10159900001	8619 INDOOR-1	TO-15	AIR/12517		
10159900002	8619 INDOOR-2	TO-15	AIR/12517		
10159900003	8633 INDOOR-1	TO-15	AIR/12517		
10159900004	8619 OUTDOOR-1	TO-15	AIR/12517		



AIR Sample Condition Upon Receipt

Client Name: KPRG Project # 10159900

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

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

Packing Material: Bubble Wrap Bubble Bags None Other _____

Collection
Proj. Due Date
Proj. Name

Tracking #: _____ Comments: _____ Date and Initials of person examining contents: 6/10/11 *[Signature]*

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: <u>nic cu-</u>		11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.

Samples Received:

Canisters		Flow Controllers		Stand Alone G		Tedlar Bags	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
<u>8619 indoor 1</u>	<u>D>65</u>		<u>FC0353</u>				
<u>8619 indoor 2</u>	<u>0618</u>		<u>FC0037</u>				
<u>8633 indoor 1</u>	<u>1685</u>		<u>FC0055</u>				
<u>8619 outdoor</u>	<u>0064</u>		<u>FC0110</u>				

Client Notification/ Resolution: _____ Field Data Required? Y / N
Person Contacted: R. Gnat Date/Time: 6/13/11

Comments/ Resolution: Analyze for Vinyl Chloride, TCE, PCE, CIS+trans
1,2 DCE

Project Manager Review: [Signature] Date: 6/13/11

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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