ADDITIONAL GROUNDWATER MONITORING RESULTS

August 14, 2013

RECEIVED
AUG 15 2013
By

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

VIA FEDERAL EXPRESS

KPRG Project No. 15807.4

Re: Case Closure Denial Response - Additional Groundwater Monitoring Results
K&W Manufacturing
8619 W. Lynx Avenue, Milwaukee, WI
BRRTS #02-41-279720, FID #241813770

Dear Mr. Amungwafor:

KPRG and Associates, Inc. (KPRG), on behalf of K&W Manufacturing, is submitting this additional groundwater monitoring data in response to the Wisconsin Department of Natural Resources (WDNR) Case Closure denial letter dated February 14, 2013. The Case Closure denial had four items that needed to be addressed. The first three items within the denial were addressed in a response letter dated March 26, 2013. The fourth item was a request for additional groundwater sampling. Based on a telephone conversation with the WDNR project manager, two additional rounds of groundwater samples were collected to verify that no significant rebound in tetrachloroethene (PCE) concentrations is occurring and that overall stable conditions have been established.

Two additional full rounds of groundwater samples were collected in March and July 2013. The same sampling procedures were followed as in previous rounds of sampling. All samples were analyzed for volatile organic compounds (VOCs). The samples were shipped on ice under a completed chain-of-custody to Pace Analytical for analysis. The data packages are included in Attachment 1.

A groundwater contour map using the most recent round of water levels is provided as Figure 1. A review of the flow map indicates a consistent flow pattern with the previous several rounds of sampling with some divergent and convergent flow in the area.

Table 1 summarizes the data from the last two rounds of sampling along with all historical data. A review of the data indicates that the enhanced reductive dechlorination (ERD) injection that was performed in December 2011 is still continuing to actively spur natural reductive dechlorination of the PCE. Wells MW-9, MW-1, MW-2 and MW-6, which are all within the

former source area on K&W property, continue to have PCE at non-detected levels in the last round of sampling. The primary PCE breakdown products of trichloroethene (TCE), cis-1,2-dichlroethene (DCE) and vinyl chloride (VC) continue to increase and/or have stabilized and in some instances, the TCE concentrations have also started to decrease as breakdown continues. Well MW-5 has displayed an increase of PCE as some of the impacted groundwater may have been pushed in that direction during injection (this is upgradient) or alternatively, an off-site upgradient source of PCE may be present. However, increases in breakdown products within this area document that natural degradation of the PCE is also actively occurring at that location. Well MW-4, which is located within the adjoining Kraussel Tool facility, has shown a slight decrease in PCE concentrations along with an increase in the noted breakdown products.

The off-site peripheral wells (MW-8, MW-10, MW-11, MW-12 and MW-13) all continue to indicate no VOC impacts above enforcement standards (ES) and only TCE remains above the preventative action limit (PAL) at location MW-10. Based on the most recent data, a map showing the projected extent of residual groundwater impacts is provided on Figure 2.

Overall the ERD injection has successfully stimulated the natural degradation of PCE with no noted substantial PCE rebound effects within the source area on K&W property. The primary PCE breakdown products of TCE, cis-DCE and VC continue to increase and/or have stabilized and in some instances, the TCE concentrations have also started to decrease as breakdown continues. As noted in the Case Closure package and in the Site Investigation (SI) Report, there are no groundwater use receptors in the area. All required engineered barriers and institutional controls are in place. It is requested that the WDNR reconsider the Case Closure request which includes placement of the site on the WDNR GIS Soil and Groundwater Registries, engineered barriers and institutional controls as detailed in the initial Case Closure submittal. All associated fees have already been paid.

We look forward to continue working cooperatively with the WDNR in achieving closure for this site. If there are any questions, please contact me at 262-781-0475.

Sincerely,
KPRG and Associates, Inc.

Richard R Gnat

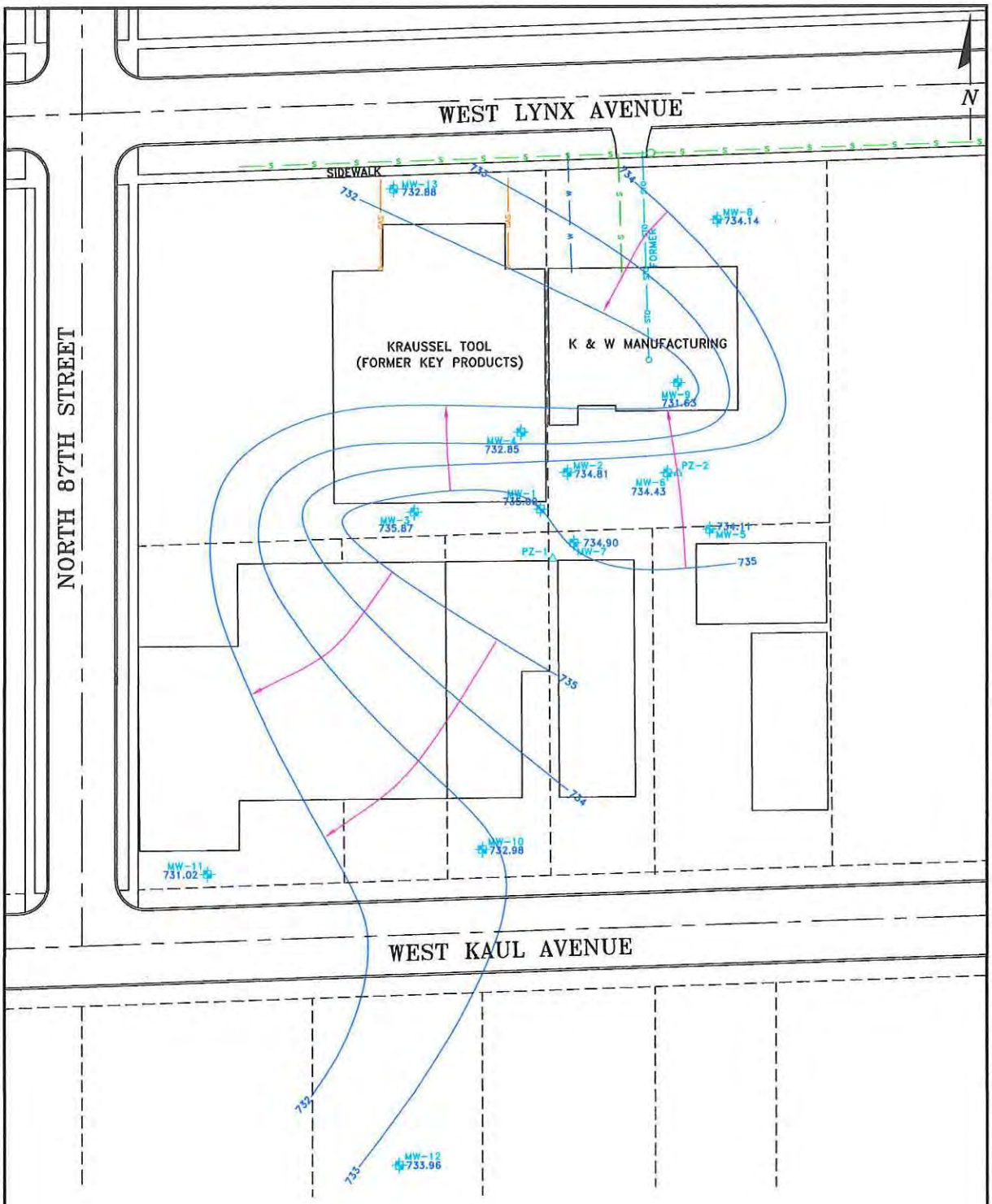
Richard R. Gnat, P.G.
Principal

262 781 0475

cc: Mr. Greg Krieger, Owner

Attachments

FIGURES



LEGEND

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

0 50'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

14665 West Lisbon Road, Suite 2B 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 7-30-13

K & W MANUFACTURING CORP.
MILWAUKEE, WISCONSIN

Scale: 1" = 50'	Date: August 14, 2013
KPRG Project No. 15807.4	FIGURE 1

TABLE

Table 1. Groundwater Monitoring Analytical Results for Detected VOCs - K&W Manufacturing, Milwaukee, WI

SAMPLE ID	WDNR NR 140 Standards		MW-1											MW-2											MW-3										
PARAMETER DATE	PAL	ES	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/03/12	10/31/12	03/27/13	07/30/13	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/03/12	10/31/12	03/27/13	07/30/13	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/03/12	10/31/12	03/27/13	07/30/13
VOCs																																			
cis-1,2-Dichloroethene	7.0	70	884	1,060	985	1,160	1,260	16,900	47,400	18,900	6,850	4,030	658	1,050	563	<4,150	593	<4.2	7,980	13,600	14.6	8.6	369	436	7.3	1.1	1.4	2.0	1.1	0.85 J	0.94 J	1.3	25.5	<0.83	1.5
trans-1,2-Dichloroethene	20	100	<222	<222	<222	<222	<222	<222	751	698	285	179	42.7	<22.2	<44.5	<4,450	5.0	<4.4	215	435	219	3.2	24.3	7.3	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	2.2	<0.89	<0.37
Tetrachloroethene	0.5	5.0	25,400	32,500	26,400	29,100	22,700	9,680	<112	<112	<45.0	<45.0	<4.7	5,500	9,050	<2,250	56	672	856	414	<0.90	0.59 J	<0.90	<2.4	188	35.3	56.0	80.9	54.5	32.1	40.6	57.2	49.8	6.0	31.1
Trichloroethene	0.5	5.0	438	502	552	625	539	2,760	273	<120	<48.0	<48.0	<4.3	430	339	<2,400	71	<2.4	1,390	563	<0.96	<0.49	0.97 J	<2.1	11.2	6.9	8.4	4.7	7.7	3.5	3.6	7.3	6.2	1.1	4.4
Vinyl Chloride	0.02	0.2	<45.0	<45.0	<45.0	<45.0	<45.0	<45.0	627	9,080	4,380	3,110	1,970	<4.5	<9.0	<900	1.3 J	<0.90	191	573	9.1	4.7	225	268	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	0.22 J	18.1	<0.18	0.62 J
FIELD PARAMETERS																																			
Dissolved Oxygen (mg/L)	NE	NE	0.67	0.66	0.74	1.09	0.71	4.12	0.26	2.02	0.37	3.40	0.09	0.69	0.64	NM	NM	NM	0.77	0.31	0.85	0.03	0.50	0.16	3.34	0.05	0.58	1.37	0.30	2.68	0.26	1.09	0.63	3.91	0.18
Oxidation-Reduction Potential (mV)	NE	NE	84.3	114	-5.5	594.3	31.5	-106.3	24.3	-12.9	-73.8	-138	-116.4	90.4	110	NM	NM	NM	7.5	-11.2	-71.6	-112.3	-160	-199.8	88.7	10.8	-9.6	69.4	-9.83	81	62.3	100.4	-9.4	-100	-32.8

SAMPLE ID	WDNR NR 140 Standards		MW-4											MW-5											MW-6										
PARAMETER DATE	PAL	ES	10/09/09	01/14/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/02/12	10/31/12	03/27/13	07/31/13	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/03/12	10/31/12	03/27/13	07/30/13	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/03/12	10/31/12	03/27/13	07/30/13
VOCs																																			
cis-1,2-Dichloroethene	7.0	70	1,310	1,870	1,530	1,790	1,980	1,360	1,960	1,710	2,150	2,340	2,530	530	672	731	365	556	682	888	1,410	1,320	1,550	5,260	4,240	2,010	<4,150	<415	<166	26,400	24,400	13,400	22,400	9,850	46,400
trans-1,2-Dichloroethene	20	100	<178	<356	<356	<356	<356	<356	<356	<356	<356	<356	<149	<35.6	<89.0	<89.0	<89.0	<89.0	<44.5	<44.5	<44.5	<44.5	<89.0	127	<111	<178	<4,150	<445	<178	595	1,130	2,490	1,530	601	3,220
Tetrachloroethene	0.5	5.0	45,100	56,200	56,100	58,100	45,500	48,600	43,700	43,500	55,300	36,500	40,300	9,510	12,900	10,700	5,050	7,660	13,100	9,900	14,300	11,200	11,800	16,400	10,300	20,000	<2,250	<225	<90	<90	161 J	48.7 J	<90.0	<90.0	<94.4
Trichloroethene	0.5	5.0	2,000	2,350	2,170	2,120	2,230	1,500	1,760	1,570	1,900	1,700	1,750	341	411	376	184	304	401	485	513	351	394	828	3,860	2,310	<2,400	<240	<96	155 J	158 J	<48.0	<96.0	<96.0	<85.8
Vinyl Chloride	0.02	0.2	<36	<72.0	<72.0	<72.0	<72.0	<72.0	<72.0	<72.0	<72.0	<72.0	120 J	<7.2	<18.0	<18.0	<18.0	<0.18	<9.0	<9.0	53.1	59.6	23.2 J	345	<22.5	<36	<900	<90	<36	<36	1,510	5,080	5,270	2,080	20,200
FIELD PARAMETERS																																			
Dissolved Oxygen (mg/L)	NE	NE	2.09	0.16	0.17	0.18	0.46	0.75	0.13	0.89	0.13	0.70	0.14	0.65	0.22	0.64	0.89	0.07	0.81	0.17	4.21	0.23	1.19	0.80	4.20	0.80	NM	NM	1.43	0.33	1.22	1.00	0.01	0.95	0.02
Oxidation-Reduction Potential (mV)	NE	NE	-125.4	18.4	82	28.5	6.86	47	44.9	72.3	4.5	-112	-8.2	88.9	128	220.5	74.3	41.4	31	111.5	97	-28.2	-101	-38.7	89	145	NM	NM	843.1	-72.2	-85.7	-66.9	-224.2	-153	-206.8

SAMPLE ID	WDNR NR 140 Standards		MW-7											MW-8											MW-9										
PARAMETER DATE	PAL	ES	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/02/12	10/31/12	03/27/13	07/31/13	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/02/12	10/31/12	03/27/13	07/30/13	10/09/09	01/14/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/02/12	10/31/12	03/27/13	07/31/13
VOCs																																			
cis-1,2-Dichloroethene	7.0	70	441	238	272	286	392	235	NS	364	588	261	253	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	1.5	3.0	33,700	40,800	<1,660	12,600	32,700	76,600	135,000	49,500	21,900	200,000	28,300
trans-1,2-Dichloroethene	20	100	17.3	7.1	22.5	10.7	12.2	6.3	NS	11.0	21.2	12.7	10.3	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.37	<890	<1110	<1,780	317	812	1,130	2,160	1,700	4,220	15,300	2,580
Tetrachloroethene	0.5	5.0	70.9	38.7	99.9	50.4	28.9	28.0	NS	23.7	40.4	23.9	32.0	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.47	155,000	139,000	<900	17,000	16,800	1,350	<900	<112	<450	1,210 J	<944
Trichloroethene	0.5	5.0	56	32.9	38.3	34	40.9	27.5	NS	23.0	31.6	17.3	19.0	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.43	2,080	2,470	<960	2,770	13,500	1,200	<960	<120	<480	<960	<858
Vinyl Chloride	0.02	0.2	10.7	<0.72	2.2 J	<0.45	4.0	2.9	NS	59.4	99.5	35	52.3	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	1,140	1,730	<360	382	437	257 J	1,620 J	66,900	70,100	43,300	98,800
FIELD PARAMETERS																																			
Dissolved Oxygen (mg/L)	NE	NE	1.87	0.69	0.90	0.60	0.85	1.43	NS	1.59	0.19	1.15	0.22	NM	0.50	0.35	0.74	2.21	0.72	0.35	2.04	0.24	0.78	0.16	2.90	1.72	NM	NM	0.46	0.13	0.06	0.19	0.13	0.42	0.13
Oxidation-Reduction Potential (mV)	NE	NE	68.3	123	-5.4	68.3	20	45.8	NS	95.5	-10.8	-165	-35.8	NM	135	12.6	81.1	-30.4	-12.4	37.7	32.8	35.7	-164.3	-45.1	109	132	NM	NM	-35.9	-89.1	-79.3	-44.2	-34.4	-137.9	-77.7

SAMPLE ID	WDNR NR 140 Standards		MW-10											MW-11											MW-12										
PARAMETER DATE	PAL	ES	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/02/12	10/31/12	03/27/13	07/30/13	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/02/12	10/31/12	03/27/13	07/30/13	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/02/12	10/31/12	03/27/13	07/30/13
VOCs																																			
cis-1,2-Dichloroethene	7.0	70	5.0	10.4	14.3	10.3	13.3	10.7	9.0	9.3	12.5	9.7	12.3	2.4	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	NS	<0.42	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.42
trans-1,2-Dichloroethene	20	100	<0.89	<0.89	1.1	<0.89	0.90 J	<0.89	<0.89	0.94 J	0.92 J	<0.89	1.0 J	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	NS	<0.37	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.37
Tetrachloroethene	0.5	5.0	0.74 J	0.72 J	1.1	1.1	1.3	1.0	0.80 J	0.96 J	1.4	1.2	1.7	23.3	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	NS	<0.47	1.6	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.47
Trichloroethene	0.5	5.0	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	2.2	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	NS	<0.43	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.43
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	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	NS	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
FIELD PARAMETERS																																			
Dissolved Oxygen (mg/L)	NE	NE	3.47	0.38	0.52	0.42	0.52	1.43	0.67	2.80	0.80	1.26	0.61	2.18	0.33	0.66	0.46	0.44	0.96	1.11	1.66	0.61	NS	2.36	3.36	0.68	0.61	0.43	1.91	4.25	0.37	3.24	0.55	1.45	0.65
Oxidation-Reduction Potential (mV)	NE	NE	90.3	126	-7.7	42.3	2.73	47.5	122.9	115.2	131.4	-160	-15.3	87.9	187	-15.9	59.5	7.83	16.9	174.7	164.4	83.3	NS	-27.3	71.9	115	-15.5	64.9	3.53	50.1	91.2	91.7	109.1	-158	-16.7

SAMPLE ID	WDNR NR 140 Standards		MW-13							PZ-2											
PARAMETER DATE	PAL	ES	08/30/11	01/14/12	04/12/12	08/02/12	10/31/12	03/27/13	07/30/13	10/08/09	01/13/10	12/22/10*	04/06/11	08/30/11	01/16/12	04/12/12	08/02/12	10/31/12	03/27/13	07/30/13
VOCs																				
cis-1,2-Dichloroethene	7.0	70	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.42	NS-D	NS-D	<0.83	2.3	<0.83	1.3	19.0	17.8	18.7	4.1	26.3
trans-1,2-Dichloroethene	20	100	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.37	NS-D	NS-D	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	1.8
Tetrachloroethene	0.5	5.0	0.61 J	<0.45	<0.45	<0.45	<0.45	<0.45	<0.47	NS-D	NS-D	19.0	52.7	13	8.4	46.0	2.5	2.4	6.0	1.7
Trichloroethene	0.5	5.0	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.43	NS-D	NS-D	1.2	2.5	0.74 J	4.7	3.8	1.3	1.5	1.1	1.6
Vinyl Chloride	0.02	0.2	<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	<0.18	<0.18	<0.18	<0.18	9.4
FIELD PARAMETERS																				
Dissolved Oxygen (mg/L)	NE	NE	4.36	1.44	0.28	1.59	0.52	0.71	0.50	NS-D	NS-D	0.27	0.41	0.92	0.81	0.18	0.66	0.11	2.31	0.29
Oxidation-Reduction Potential (mV)	NE	NE	23.3	38.8	155.1	50.1	116	-178	-9.7	NS-D	NS-D	-7.4	44.3	-18.4	-91.4	-130.4	-60.8	-27.3	-144	-103.6

Note - All values in ug/L unless otherwise noted
PAL - Preventive Action Limit
ES - Enforcement Standard
NA - Not Analyzed
NE - Not Established

NS - Not Sampled
NS-D - Not Sampled - Dry
NM - Not Measured
* - Samples collected after chemical injection
** - Samples collected after bio injection

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

ATTACHMENT 1
Analytical Data Packages

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

April 04, 2013

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

RE: Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Dear Rich Gnat:
Enclosed are the analytical results for sample(s) received by the laboratory on March 28, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky

dan.milewsky@pacelabs.com
Project Manager

Enclosures

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

CERTIFICATIONS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

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

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SAMPLE SUMMARY

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4075576001	MW-1	Water	03/27/13 13:12	03/28/13 15:30
4075576002	MW-2	Water	03/27/13 12:00	03/28/13 15:30
4075576003	MW-3	Water	03/27/13 10:16	03/28/13 15:30
4075576004	MW-4	Water	03/27/13 14:45	03/28/13 15:30
4075576005	MW-5	Water	03/27/13 13:56	03/28/13 15:30
4075576006	MW-6	Water	03/27/13 13:40	03/28/13 15:30
4075576007	MW-7	Water	03/27/13 12:55	03/28/13 15:30
4075576008	MW-8	Water	03/27/13 10:25	03/28/13 15:30
4075576009	MW-10	Water	03/27/13 09:12	03/28/13 15:30
4075576010	MW-12	Water	03/27/13 08:53	03/28/13 15:30
4075576011	MW-13	Water	03/27/13 10:13	03/28/13 15:30
4075576012	PZ-2	Water	03/27/13 13:32	03/28/13 15:30
4075576013	DUPLICATE	Water	03/27/13 00:00	03/28/13 15:30
4075576014	TRIP BLANK	Water	03/27/13 00:00	03/28/13 15:30

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SAMPLE ANALYTE COUNT

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4075576001	MW-1	EPA 8260	HNW	64	PASI-G
4075576002	MW-2	EPA 8260	HNW	64	PASI-G
4075576003	MW-3	EPA 8260	HNW	64	PASI-G
4075576004	MW-4	EPA 8260	HNW	64	PASI-G
4075576005	MW-5	EPA 8260	HNW	64	PASI-G
4075576006	MW-6	EPA 8260	HNW	64	PASI-G
4075576007	MW-7	EPA 8260	HNW	64	PASI-G
4075576008	MW-8	EPA 8260	HNW	64	PASI-G
4075576009	MW-10	EPA 8260	HNW	64	PASI-G
4075576010	MW-12	EPA 8260	HNW	64	PASI-G
4075576011	MW-13	EPA 8260	HNW	64	PASI-G
4075576012	PZ-2	EPA 8260	HNW	64	PASI-G
4075576013	DUPLICATE	EPA 8260	HNW	64	PASI-G
4075576014	TRIP BLANK	EPA 8260	HNW	64	PASI-G

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-1 **Lab ID: 4075576001** Collected: 03/27/13 13:12 Received: 03/28/13 15:30 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		04/02/13 13:01	71-43-2	
Bromobenzene	**<82.0**	ug/L	100	82.0	100		04/02/13 13:01	108-86-1	
Bromochloromethane	**<97.0**	ug/L	100	97.0	100		04/02/13 13:01	74-97-5	
Bromodichloromethane	**<56.0**	ug/L	100	56.0	100		04/02/13 13:01	75-27-4	
Bromoform	**<94.0**	ug/L	100	94.0	100		04/02/13 13:01	75-25-2	
Bromomethane	**<91.0**	ug/L	100	91.0	100		04/02/13 13:01	74-83-9	
n-Butylbenzene	**<93.0**	ug/L	100	93.0	100		04/02/13 13:01	104-51-8	
sec-Butylbenzene	**<89.0**	ug/L	500	89.0	100		04/02/13 13:01	135-98-8	
tert-Butylbenzene	**<97.0**	ug/L	100	97.0	100		04/02/13 13:01	98-06-6	
Carbon tetrachloride	**<49.0**	ug/L	100	49.0	100		04/02/13 13:01	56-23-5	
Chlorobenzene	**<41.0**	ug/L	100	41.0	100		04/02/13 13:01	108-90-7	
Chloroethane	**<97.0**	ug/L	100	97.0	100		04/02/13 13:01	75-00-3	
Chloroform	**<130**	ug/L	500	130	100		04/02/13 13:01	67-66-3	
Chloromethane	**<24.0**	ug/L	100	24.0	100		04/02/13 13:01	74-87-3	
2-Chlorotoluene	**<85.0**	ug/L	100	85.0	100		04/02/13 13:01	95-49-8	
4-Chlorotoluene	**<74.0**	ug/L	100	74.0	100		04/02/13 13:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<168**	ug/L	500	168	100		04/02/13 13:01	96-12-8	
Dibromochloromethane	**<81.0**	ug/L	100	81.0	100		04/02/13 13:01	124-48-1	
1,2-Dibromoethane (EDB)	**<56.0**	ug/L	100	56.0	100		04/02/13 13:01	106-93-4	
Dibromomethane	**<60.0**	ug/L	100	60.0	100		04/02/13 13:01	74-95-3	
1,2-Dichlorobenzene	**<83.0**	ug/L	100	83.0	100		04/02/13 13:01	95-50-1	
1,3-Dichlorobenzene	**<87.0**	ug/L	100	87.0	100		04/02/13 13:01	541-73-1	
1,4-Dichlorobenzene	**<95.0**	ug/L	100	95.0	100		04/02/13 13:01	106-46-7	
Dichlorodifluoromethane	**<99.0**	ug/L	100	99.0	100		04/02/13 13:01	75-71-8	
1,1-Dichloroethane	**<75.0**	ug/L	100	75.0	100		04/02/13 13:01	75-34-3	
1,2-Dichloroethane	**<36.0**	ug/L	100	36.0	100		04/02/13 13:01	107-06-2	
1,1-Dichloroethene	**<57.0**	ug/L	100	57.0	100		04/02/13 13:01	75-35-4	
cis-1,2-Dichloroethene	**4030**	ug/L	100	83.0	100		04/02/13 13:01	156-59-2	
trans-1,2-Dichloroethene	**179**	ug/L	100	89.0	100		04/02/13 13:01	156-60-5	
1,2-Dichloropropane	**<49.0**	ug/L	100	49.0	100		04/02/13 13:01	78-87-5	
1,3-Dichloropropane	**<61.0**	ug/L	100	61.0	100		04/02/13 13:01	142-28-9	
2,2-Dichloropropane	**<62.0**	ug/L	100	62.0	100		04/02/13 13:01	594-20-7	
1,1-Dichloropropene	**<75.0**	ug/L	100	75.0	100		04/02/13 13:01	563-58-6	
cis-1,3-Dichloropropene	**<20.0**	ug/L	100	20.0	100		04/02/13 13:01	10061-01-5	
trans-1,3-Dichloropropene	**<19.0**	ug/L	100	19.0	100		04/02/13 13:01	10061-02-6	
Diisopropyl ether	**<76.0**	ug/L	100	76.0	100		04/02/13 13:01	108-20-3	
Ethylbenzene	**<54.0**	ug/L	100	54.0	100		04/02/13 13:01	100-41-4	
Hexachloro-1,3-butadiene	**<67.0**	ug/L	500	67.0	100		04/02/13 13:01	87-68-3	
Isopropylbenzene (Cumene)	**<59.0**	ug/L	100	59.0	100		04/02/13 13:01	98-82-8	
p-Isopropyltoluene	**<67.0**	ug/L	100	67.0	100		04/02/13 13:01	99-87-6	
Methylene Chloride	**<43.0**	ug/L	100	43.0	100		04/02/13 13:01	75-09-2	
Methyl-tert-butyl ether	**<61.0**	ug/L	100	61.0	100		04/02/13 13:01	1634-04-4	
Naphthalene	**<89.0**	ug/L	500	89.0	100		04/02/13 13:01	91-20-3	
n-Propylbenzene	**<81.0**	ug/L	100	81.0	100		04/02/13 13:01	103-65-1	
Styrene	**<86.0**	ug/L	100	86.0	100		04/02/13 13:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<92.0**	ug/L	100	92.0	100		04/02/13 13:01	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-1 **Lab ID: 4075576001** Collected: 03/27/13 13:12 Received: 03/28/13 15:30 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		04/02/13 13:01	79-34-5	
Tetrachloroethene	**<45.0**	ug/L	100	45.0	100		04/02/13 13:01	127-18-4	
Toluene	**<67.0**	ug/L	100	67.0	100		04/02/13 13:01	108-88-3	
1,2,3-Trichlorobenzene	**<74.0**	ug/L	100	74.0	100		04/02/13 13:01	87-61-6	
1,2,4-Trichlorobenzene	**<97.0**	ug/L	500	97.0	100		04/02/13 13:01	120-82-1	
1,1,1-Trichloroethane	**<90.0**	ug/L	100	90.0	100		04/02/13 13:01	71-55-6	
1,1,2-Trichloroethane	**<42.0**	ug/L	100	42.0	100		04/02/13 13:01	79-00-5	
Trichloroethene	**<48.0**	ug/L	100	48.0	100		04/02/13 13:01	79-01-6	
Trichlorofluoromethane	**<79.0**	ug/L	100	79.0	100		04/02/13 13:01	75-69-4	
1,2,3-Trichloropropane	**<99.0**	ug/L	100	99.0	100		04/02/13 13:01	96-18-4	
1,2,4-Trimethylbenzene	**<97.0**	ug/L	100	97.0	100		04/02/13 13:01	95-63-6	
1,3,5-Trimethylbenzene	**<83.0**	ug/L	100	83.0	100		04/02/13 13:01	108-67-8	
Vinyl chloride	**3110**	ug/L	100	18.0	100		04/02/13 13:01	75-01-4	
m&p-Xylene	**<180**	ug/L	200	180	100		04/02/13 13:01	179601-23-1	
o-Xylene	**<83.0**	ug/L	100	83.0	100		04/02/13 13:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	43-137		100		04/02/13 13:01	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		100		04/02/13 13:01	1868-53-7	
Toluene-d8 (S)	99	%	55-137		100		04/02/13 13:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-2 **Lab ID: 4075576002** Collected: 03/27/13 12:00 Received: 03/28/13 15:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.82**	ug/L	2.0	0.82	2		04/02/13 22:56	71-43-2	
Bromobenzene	**<1.6**	ug/L	2.0	1.6	2		04/02/13 22:56	108-86-1	
Bromochloromethane	**<1.9**	ug/L	2.0	1.9	2		04/02/13 22:56	74-97-5	
Bromodichloromethane	**<1.1**	ug/L	2.0	1.1	2		04/02/13 22:56	75-27-4	
Bromoform	**<1.9**	ug/L	2.0	1.9	2		04/02/13 22:56	75-25-2	
Bromomethane	**<1.8**	ug/L	2.0	1.8	2		04/02/13 22:56	74-83-9	
n-Butylbenzene	**<1.9**	ug/L	2.0	1.9	2		04/02/13 22:56	104-51-8	
sec-Butylbenzene	**<1.8**	ug/L	10.0	1.8	2		04/02/13 22:56	135-98-8	
tert-Butylbenzene	**<1.9**	ug/L	2.0	1.9	2		04/02/13 22:56	98-06-6	
Carbon tetrachloride	**<0.98**	ug/L	2.0	0.98	2		04/02/13 22:56	56-23-5	
Chlorobenzene	**<0.82**	ug/L	2.0	0.82	2		04/02/13 22:56	108-90-7	
Chloroethane	**<1.9**	ug/L	2.0	1.9	2		04/02/13 22:56	75-00-3	
Chloroform	**<2.6**	ug/L	10.0	2.6	2		04/02/13 22:56	67-66-3	
Chloromethane	**<0.48**	ug/L	2.0	0.48	2		04/02/13 22:56	74-87-3	
2-Chlorotoluene	**<1.7**	ug/L	2.0	1.7	2		04/02/13 22:56	95-49-8	
4-Chlorotoluene	**<1.5**	ug/L	2.0	1.5	2		04/02/13 22:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<3.4**	ug/L	10.0	3.4	2		04/02/13 22:56	96-12-8	
Dibromochloromethane	**<1.6**	ug/L	2.0	1.6	2		04/02/13 22:56	124-48-1	
1,2-Dibromoethane (EDB)	**<1.1**	ug/L	2.0	1.1	2		04/02/13 22:56	106-93-4	
Dibromomethane	**<1.2**	ug/L	2.0	1.2	2		04/02/13 22:56	74-95-3	
1,2-Dichlorobenzene	**<1.7**	ug/L	2.0	1.7	2		04/02/13 22:56	95-50-1	
1,3-Dichlorobenzene	**<1.7**	ug/L	2.0	1.7	2		04/02/13 22:56	541-73-1	
1,4-Dichlorobenzene	**<1.9**	ug/L	2.0	1.9	2		04/02/13 22:56	106-46-7	
Dichlorodifluoromethane	**<2.0**	ug/L	2.0	2.0	2		04/02/13 22:56	75-71-8	
1,1-Dichloroethane	**<1.5**	ug/L	2.0	1.5	2		04/02/13 22:56	75-34-3	
1,2-Dichloroethane	**<0.72**	ug/L	2.0	0.72	2		04/02/13 22:56	107-06-2	
1,1-Dichloroethene	**<1.1**	ug/L	2.0	1.1	2		04/02/13 22:56	75-35-4	
cis-1,2-Dichloroethene	**309**	ug/L	2.0	1.7	2		04/02/13 22:56	156-59-2	
trans-1,2-Dichloroethene	**24.3**	ug/L	2.0	1.8	2		04/02/13 22:56	156-60-5	
1,2-Dichloropropane	**<0.98**	ug/L	2.0	0.98	2		04/02/13 22:56	78-87-5	
1,3-Dichloropropane	**<1.2**	ug/L	2.0	1.2	2		04/02/13 22:56	142-28-9	
2,2-Dichloropropane	**<1.2**	ug/L	2.0	1.2	2		04/02/13 22:56	594-20-7	
1,1-Dichloropropene	**<1.5**	ug/L	2.0	1.5	2		04/02/13 22:56	563-58-6	
cis-1,3-Dichloropropene	**<0.40**	ug/L	2.0	0.40	2		04/02/13 22:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.38**	ug/L	2.0	0.38	2		04/02/13 22:56	10061-02-6	
Diisopropyl ether	**<1.5**	ug/L	2.0	1.5	2		04/02/13 22:56	108-20-3	
Ethylbenzene	**<1.1**	ug/L	2.0	1.1	2		04/02/13 22:56	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	10.0	1.3	2		04/02/13 22:56	87-68-3	
Isopropylbenzene (Cumene)	**<1.2**	ug/L	2.0	1.2	2		04/02/13 22:56	98-82-8	
p-Isopropyltoluene	**<1.3**	ug/L	2.0	1.3	2		04/02/13 22:56	99-87-6	
Methylene Chloride	**<0.86**	ug/L	2.0	0.86	2		04/02/13 22:56	75-09-2	
Methyl-tert-butyl ether	**<1.2**	ug/L	2.0	1.2	2		04/02/13 22:56	1634-04-4	
Naphthalene	**<1.8**	ug/L	10.0	1.8	2		04/02/13 22:56	91-20-3	
n-Propylbenzene	**<1.6**	ug/L	2.0	1.6	2		04/02/13 22:56	103-65-1	
Styrene	**<1.7**	ug/L	2.0	1.7	2		04/02/13 22:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	2.0	1.8	2		04/02/13 22:56	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-2 **Lab ID: 4075576002** Collected: 03/27/13 12:00 Received: 03/28/13 15:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.40**	ug/L	2.0	0.40	2		04/02/13 22:56	79-34-5	
Tetrachloroethene	**<0.90**	ug/L	2.0	0.90	2		04/02/13 22:56	127-18-4	
Toluene	**<1.3**	ug/L	2.0	1.3	2		04/02/13 22:56	108-88-3	
1,2,3-Trichlorobenzene	**<1.5**	ug/L	2.0	1.5	2		04/02/13 22:56	87-61-6	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		04/02/13 22:56	120-82-1	
1,1,1-Trichloroethane	**<1.8**	ug/L	2.0	1.8	2		04/02/13 22:56	71-55-6	
1,1,2-Trichloroethane	**<0.84**	ug/L	2.0	0.84	2		04/02/13 22:56	79-00-5	
Trichloroethene	**0.97J**	ug/L	2.0	0.96	2		04/02/13 22:56	79-01-6	
Trichlorofluoromethane	**<1.6**	ug/L	2.0	1.6	2		04/02/13 22:56	75-69-4	
1,2,3-Trichloropropane	**<2.0**	ug/L	2.0	2.0	2		04/02/13 22:56	96-18-4	
1,2,4-Trimethylbenzene	**<1.9**	ug/L	2.0	1.9	2		04/02/13 22:56	95-63-6	
1,3,5-Trimethylbenzene	**<1.7**	ug/L	2.0	1.7	2		04/02/13 22:56	108-67-8	
Vinyl chloride	**225**	ug/L	2.0	0.36	2		04/02/13 22:56	75-01-4	
m&p-Xylene	**<3.6**	ug/L	4.0	3.6	2		04/02/13 22:56	179601-23-1	
o-Xylene	**<1.7**	ug/L	2.0	1.7	2		04/02/13 22:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	43-137		2		04/02/13 22:56	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		2		04/02/13 22:56	1868-53-7	
Toluene-d8 (S)	99	%	55-137		2		04/02/13 22:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-3 **Lab ID: 4075576003** Collected: 03/27/13 10:16 Received: 03/28/13 15:30 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		04/02/13 18:04	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		04/02/13 18:04	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:04	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		04/02/13 18:04	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		04/02/13 18:04	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		04/02/13 18:04	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		04/02/13 18:04	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 18:04	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:04	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		04/02/13 18:04	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		04/02/13 18:04	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:04	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/02/13 18:04	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		04/02/13 18:04	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		04/02/13 18:04	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		04/02/13 18:04	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		04/02/13 18:04	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		04/02/13 18:04	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		04/02/13 18:04	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:04	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		04/02/13 18:04	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		04/02/13 18:04	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 18:04	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		04/02/13 18:04	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		04/02/13 18:04	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		04/02/13 18:04	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:04	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		04/02/13 18:04	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		04/02/13 18:04	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		04/02/13 18:04	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		04/02/13 18:04	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		04/02/13 18:04	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		04/02/13 18:04	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		04/02/13 18:04	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		04/02/13 18:04	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		04/02/13 18:04	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		04/02/13 18:04	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		04/02/13 18:04	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 18:04	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		04/02/13 18:04	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		04/02/13 18:04	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 18:04	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		04/02/13 18:04	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		04/02/13 18:04	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		04/02/13 18:04	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-3 **Lab ID: 4075576003** Collected: 03/27/13 10:16 Received: 03/28/13 15:30 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		04/02/13 18:04	79-34-5	
Tetrachloroethene	**6.0**	ug/L	1.0	0.45	1		04/02/13 18:04	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 18:04	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 18:04	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		04/02/13 18:04	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		04/02/13 18:04	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		04/02/13 18:04	79-00-5	
Trichloroethene	**1.1**	ug/L	1.0	0.48	1		04/02/13 18:04	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		04/02/13 18:04	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 18:04	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:04	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:04	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/02/13 18:04	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		04/02/13 18:04	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		04/02/13 18:04	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		04/02/13 18:04	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		04/02/13 18:04	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-4 **Lab ID: 4075576004** Collected: 03/27/13 14:45 Received: 03/28/13 15:30 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		04/02/13 13:46	71-43-2	
Bromobenzene	**<328**	ug/L	400	328	400		04/02/13 13:46	108-86-1	
Bromochloromethane	**<388**	ug/L	400	388	400		04/02/13 13:46	74-97-5	
Bromodichloromethane	**<224**	ug/L	400	224	400		04/02/13 13:46	75-27-4	
Bromoform	**<376**	ug/L	400	376	400		04/02/13 13:46	75-25-2	
Bromomethane	**<364**	ug/L	400	364	400		04/02/13 13:46	74-83-9	
n-Butylbenzene	**<372**	ug/L	400	372	400		04/02/13 13:46	104-51-8	
sec-Butylbenzene	**<356**	ug/L	2000	356	400		04/02/13 13:46	135-98-8	
tert-Butylbenzene	**<388**	ug/L	400	388	400		04/02/13 13:46	98-06-6	
Carbon tetrachloride	**<196**	ug/L	400	196	400		04/02/13 13:46	56-23-5	
Chlorobenzene	**<164**	ug/L	400	164	400		04/02/13 13:46	108-90-7	
Chloroethane	**<388**	ug/L	400	388	400		04/02/13 13:46	75-00-3	
Chloroform	**<520**	ug/L	2000	520	400		04/02/13 13:46	67-66-3	
Chloromethane	**<96.0**	ug/L	400	96.0	400		04/02/13 13:46	74-87-3	
2-Chlorotoluene	**<340**	ug/L	400	340	400		04/02/13 13:46	95-49-8	
4-Chlorotoluene	**<296**	ug/L	400	296	400		04/02/13 13:46	106-43-4	
1,2-Dibromo-3-chloropropane	**<672**	ug/L	2000	672	400		04/02/13 13:46	96-12-8	
Dibromochloromethane	**<324**	ug/L	400	324	400		04/02/13 13:46	124-48-1	
1,2-Dibromoethane (EDB)	**<224**	ug/L	400	224	400		04/02/13 13:46	106-93-4	
Dibromomethane	**<240**	ug/L	400	240	400		04/02/13 13:46	74-95-3	
1,2-Dichlorobenzene	**<332**	ug/L	400	332	400		04/02/13 13:46	95-50-1	
1,3-Dichlorobenzene	**<348**	ug/L	400	348	400		04/02/13 13:46	541-73-1	
1,4-Dichlorobenzene	**<380**	ug/L	400	380	400		04/02/13 13:46	106-46-7	
Dichlorodifluoromethane	**<396**	ug/L	400	396	400		04/02/13 13:46	75-71-8	
1,1-Dichloroethane	**<300**	ug/L	400	300	400		04/02/13 13:46	75-34-3	
1,2-Dichloroethane	**<144**	ug/L	400	144	400		04/02/13 13:46	107-06-2	
1,1-Dichloroethene	**<228**	ug/L	400	228	400		04/02/13 13:46	75-35-4	
cis-1,2-Dichloroethene	**2340**	ug/L	400	332	400		04/02/13 13:46	156-59-2	
trans-1,2-Dichloroethene	**<356**	ug/L	400	356	400		04/02/13 13:46	156-60-5	
1,2-Dichloropropane	**<196**	ug/L	400	196	400		04/02/13 13:46	78-87-5	
1,3-Dichloropropane	**<244**	ug/L	400	244	400		04/02/13 13:46	142-28-9	
2,2-Dichloropropane	**<248**	ug/L	400	248	400		04/02/13 13:46	594-20-7	
1,1-Dichloropropene	**<300**	ug/L	400	300	400		04/02/13 13:46	563-58-6	
cis-1,3-Dichloropropene	**<80.0**	ug/L	400	80.0	400		04/02/13 13:46	10061-01-5	
trans-1,3-Dichloropropene	**<76.0**	ug/L	400	76.0	400		04/02/13 13:46	10061-02-6	
Diisopropyl ether	**<304**	ug/L	400	304	400		04/02/13 13:46	108-20-3	
Ethylbenzene	**<216**	ug/L	400	216	400		04/02/13 13:46	100-41-4	
Hexachloro-1,3-butadiene	**<268**	ug/L	2000	268	400		04/02/13 13:46	87-68-3	
Isopropylbenzene (Cumene)	**<236**	ug/L	400	236	400		04/02/13 13:46	98-82-8	
p-Isopropyltoluene	**<268**	ug/L	400	268	400		04/02/13 13:46	99-87-6	
Methylene Chloride	**<172**	ug/L	400	172	400		04/02/13 13:46	75-09-2	
Methyl-tert-butyl ether	**<244**	ug/L	400	244	400		04/02/13 13:46	1634-04-4	
Naphthalene	**<356**	ug/L	2000	356	400		04/02/13 13:46	91-20-3	
n-Propylbenzene	**<324**	ug/L	400	324	400		04/02/13 13:46	103-65-1	
Styrene	**<344**	ug/L	400	344	400		04/02/13 13:46	100-42-5	
1,1,1,2-Tetrachloroethane	**<368**	ug/L	400	368	400		04/02/13 13:46	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-4 **Lab ID: 4075576004** Collected: 03/27/13 14:45 Received: 03/28/13 15:30 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		04/02/13 13:46	79-34-5	
Tetrachloroethene	**36500**	ug/L	400	180	400		04/02/13 13:46	127-18-4	
Toluene	**<268**	ug/L	400	268	400		04/02/13 13:46	108-88-3	
1,2,3-Trichlorobenzene	**<296**	ug/L	400	296	400		04/02/13 13:46	87-61-6	
1,2,4-Trichlorobenzene	**<388**	ug/L	2000	388	400		04/02/13 13:46	120-82-1	
1,1,1-Trichloroethane	**<360**	ug/L	400	360	400		04/02/13 13:46	71-55-6	
1,1,2-Trichloroethane	**<168**	ug/L	400	168	400		04/02/13 13:46	79-00-5	
Trichloroethene	**1700**	ug/L	400	192	400		04/02/13 13:46	79-01-6	
Trichlorofluoromethane	**<316**	ug/L	400	316	400		04/02/13 13:46	75-69-4	
1,2,3-Trichloropropane	**<396**	ug/L	400	396	400		04/02/13 13:46	96-18-4	
1,2,4-Trimethylbenzene	**<388**	ug/L	400	388	400		04/02/13 13:46	95-63-6	
1,3,5-Trimethylbenzene	**<332**	ug/L	400	332	400		04/02/13 13:46	108-67-8	
Vinyl chloride	**<72.0**	ug/L	400	72.0	400		04/02/13 13:46	75-01-4	
m&p-Xylene	**<720**	ug/L	800	720	400		04/02/13 13:46	179601-23-1	
o-Xylene	**<332**	ug/L	400	332	400		04/02/13 13:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	43-137		400		04/02/13 13:46	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		400		04/02/13 13:46	1868-53-7	
Toluene-d8 (S)	98	%	55-137		400		04/02/13 13:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-5 **Lab ID: 4075576005** Collected: 03/27/13 13:56 Received: 03/28/13 15:30 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		04/02/13 14:08	71-43-2	
Bromobenzene	**<82.0**	ug/L	100	82.0	100		04/02/13 14:08	108-86-1	
Bromochloromethane	**<97.0**	ug/L	100	97.0	100		04/02/13 14:08	74-97-5	
Bromodichloromethane	**<56.0**	ug/L	100	56.0	100		04/02/13 14:08	75-27-4	
Bromoform	**<94.0**	ug/L	100	94.0	100		04/02/13 14:08	75-25-2	
Bromomethane	**<91.0**	ug/L	100	91.0	100		04/02/13 14:08	74-83-9	
n-Butylbenzene	**<93.0**	ug/L	100	93.0	100		04/02/13 14:08	104-51-8	
sec-Butylbenzene	**<89.0**	ug/L	500	89.0	100		04/02/13 14:08	135-98-8	
tert-Butylbenzene	**<97.0**	ug/L	100	97.0	100		04/02/13 14:08	98-06-6	
Carbon tetrachloride	**<49.0**	ug/L	100	49.0	100		04/02/13 14:08	56-23-5	
Chlorobenzene	**<41.0**	ug/L	100	41.0	100		04/02/13 14:08	108-90-7	
Chloroethane	**<97.0**	ug/L	100	97.0	100		04/02/13 14:08	75-00-3	
Chloroform	**<130**	ug/L	500	130	100		04/02/13 14:08	67-66-3	
Chloromethane	**<24.0**	ug/L	100	24.0	100		04/02/13 14:08	74-87-3	
2-Chlorotoluene	**<85.0**	ug/L	100	85.0	100		04/02/13 14:08	95-49-8	
4-Chlorotoluene	**<74.0**	ug/L	100	74.0	100		04/02/13 14:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<168**	ug/L	500	168	100		04/02/13 14:08	96-12-8	
Dibromochloromethane	**<81.0**	ug/L	100	81.0	100		04/02/13 14:08	124-48-1	
1,2-Dibromoethane (EDB)	**<56.0**	ug/L	100	56.0	100		04/02/13 14:08	106-93-4	
Dibromomethane	**<60.0**	ug/L	100	60.0	100		04/02/13 14:08	74-95-3	
1,2-Dichlorobenzene	**<83.0**	ug/L	100	83.0	100		04/02/13 14:08	95-50-1	
1,3-Dichlorobenzene	**<87.0**	ug/L	100	87.0	100		04/02/13 14:08	541-73-1	
1,4-Dichlorobenzene	**<95.0**	ug/L	100	95.0	100		04/02/13 14:08	106-46-7	
Dichlorodifluoromethane	**<99.0**	ug/L	100	99.0	100		04/02/13 14:08	75-71-8	
1,1-Dichloroethane	**<75.0**	ug/L	100	75.0	100		04/02/13 14:08	75-34-3	
1,2-Dichloroethane	**<36.0**	ug/L	100	36.0	100		04/02/13 14:08	107-06-2	
1,1-Dichloroethene	**<57.0**	ug/L	100	57.0	100		04/02/13 14:08	75-35-4	
cis-1,2-Dichloroethene	**1550**	ug/L	100	83.0	100		04/02/13 14:08	156-59-2	
trans-1,2-Dichloroethene	**<89.0**	ug/L	100	89.0	100		04/02/13 14:08	156-60-5	
1,2-Dichloropropane	**<49.0**	ug/L	100	49.0	100		04/02/13 14:08	78-87-5	
1,3-Dichloropropane	**<61.0**	ug/L	100	61.0	100		04/02/13 14:08	142-28-9	
2,2-Dichloropropane	**<62.0**	ug/L	100	62.0	100		04/02/13 14:08	594-20-7	
1,1-Dichloropropene	**<75.0**	ug/L	100	75.0	100		04/02/13 14:08	563-58-6	
cis-1,3-Dichloropropene	**<20.0**	ug/L	100	20.0	100		04/02/13 14:08	10061-01-5	
trans-1,3-Dichloropropene	**<19.0**	ug/L	100	19.0	100		04/02/13 14:08	10061-02-6	
Diisopropyl ether	**<76.0**	ug/L	100	76.0	100		04/02/13 14:08	108-20-3	
Ethylbenzene	**<54.0**	ug/L	100	54.0	100		04/02/13 14:08	100-41-4	
Hexachloro-1,3-butadiene	**<67.0**	ug/L	500	67.0	100		04/02/13 14:08	87-68-3	
Isopropylbenzene (Cumene)	**<59.0**	ug/L	100	59.0	100		04/02/13 14:08	98-82-8	
p-Isopropyltoluene	**<67.0**	ug/L	100	67.0	100		04/02/13 14:08	99-87-6	
Methylene Chloride	**<43.0**	ug/L	100	43.0	100		04/02/13 14:08	75-09-2	
Methyl-tert-butyl ether	**<61.0**	ug/L	100	61.0	100		04/02/13 14:08	1634-04-4	
Naphthalene	**<89.0**	ug/L	500	89.0	100		04/02/13 14:08	91-20-3	
n-Propylbenzene	**<81.0**	ug/L	100	81.0	100		04/02/13 14:08	103-65-1	
Styrene	**<86.0**	ug/L	100	86.0	100		04/02/13 14:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<92.0**	ug/L	100	92.0	100		04/02/13 14:08	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-5 **Lab ID: 4075576005** Collected: 03/27/13 13:56 Received: 03/28/13 15:30 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		04/02/13 14:08	79-34-5	
Tetrachloroethene	**11800**	ug/L	100	45.0	100		04/02/13 14:08	127-18-4	
Toluene	**<67.0**	ug/L	100	67.0	100		04/02/13 14:08	108-88-3	
1,2,3-Trichlorobenzene	**<74.0**	ug/L	100	74.0	100		04/02/13 14:08	87-61-6	
1,2,4-Trichlorobenzene	**<97.0**	ug/L	500	97.0	100		04/02/13 14:08	120-82-1	
1,1,1-Trichloroethane	**<90.0**	ug/L	100	90.0	100		04/02/13 14:08	71-55-6	
1,1,2-Trichloroethane	**<42.0**	ug/L	100	42.0	100		04/02/13 14:08	79-00-5	
Trichloroethene	**394**	ug/L	100	48.0	100		04/02/13 14:08	79-01-6	
Trichlorofluoromethane	**<79.0**	ug/L	100	79.0	100		04/02/13 14:08	75-69-4	
1,2,3-Trichloropropane	**<99.0**	ug/L	100	99.0	100		04/02/13 14:08	96-18-4	
1,2,4-Trimethylbenzene	**<97.0**	ug/L	100	97.0	100		04/02/13 14:08	95-63-6	
1,3,5-Trimethylbenzene	**<83.0**	ug/L	100	83.0	100		04/02/13 14:08	108-67-8	
Vinyl chloride	**23.2J**	ug/L	100	18.0	100		04/02/13 14:08	75-01-4	
m&p-Xylene	**<180**	ug/L	200	180	100		04/02/13 14:08	179601-23-1	
o-Xylene	**<83.0**	ug/L	100	83.0	100		04/02/13 14:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	43-137		100		04/02/13 14:08	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		100		04/02/13 14:08	1868-53-7	
Toluene-d8 (S)	98	%	55-137		100		04/02/13 14:08	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-6 **Lab ID: 4075576006** Collected: 03/27/13 13:40 Received: 03/28/13 15:30 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		04/02/13 14:30	71-43-2	
Bromobenzene	**<164**	ug/L	200	164	200		04/02/13 14:30	108-86-1	
Bromochloromethane	**<194**	ug/L	200	194	200		04/02/13 14:30	74-97-5	
Bromodichloromethane	**<112**	ug/L	200	112	200		04/02/13 14:30	75-27-4	
Bromoform	**<188**	ug/L	200	188	200		04/02/13 14:30	75-25-2	
Bromomethane	**<182**	ug/L	200	182	200		04/02/13 14:30	74-83-9	
n-Butylbenzene	**<186**	ug/L	200	186	200		04/02/13 14:30	104-51-8	
sec-Butylbenzene	**<178**	ug/L	1000	178	200		04/02/13 14:30	135-98-8	
tert-Butylbenzene	**<194**	ug/L	200	194	200		04/02/13 14:30	98-06-6	
Carbon tetrachloride	**<98.0**	ug/L	200	98.0	200		04/02/13 14:30	56-23-5	
Chlorobenzene	**<82.0**	ug/L	200	82.0	200		04/02/13 14:30	108-90-7	
Chloroethane	**<194**	ug/L	200	194	200		04/02/13 14:30	75-00-3	
Chloroform	**<260**	ug/L	1000	260	200		04/02/13 14:30	67-66-3	
Chloromethane	**<48.0**	ug/L	200	48.0	200		04/02/13 14:30	74-87-3	
2-Chlorotoluene	**<170**	ug/L	200	170	200		04/02/13 14:30	95-49-8	
4-Chlorotoluene	**<148**	ug/L	200	148	200		04/02/13 14:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<336**	ug/L	1000	336	200		04/02/13 14:30	96-12-8	
Dibromochloromethane	**<162**	ug/L	200	162	200		04/02/13 14:30	124-48-1	
1,2-Dibromoethane (EDB)	**<112**	ug/L	200	112	200		04/02/13 14:30	106-93-4	
Dibromomethane	**<120**	ug/L	200	120	200		04/02/13 14:30	74-95-3	
1,2-Dichlorobenzene	**<166**	ug/L	200	166	200		04/02/13 14:30	95-50-1	
1,3-Dichlorobenzene	**<174**	ug/L	200	174	200		04/02/13 14:30	541-73-1	
1,4-Dichlorobenzene	**<190**	ug/L	200	190	200		04/02/13 14:30	106-46-7	
Dichlorodifluoromethane	**<198**	ug/L	200	198	200		04/02/13 14:30	75-71-8	
1,1-Dichloroethane	**<150**	ug/L	200	150	200		04/02/13 14:30	75-34-3	
1,2-Dichloroethane	**<72.0**	ug/L	200	72.0	200		04/02/13 14:30	107-06-2	
1,1-Dichloroethene	**<114**	ug/L	200	114	200		04/02/13 14:30	75-35-4	
cis-1,2-Dichloroethene	**9850**	ug/L	200	166	200		04/02/13 14:30	156-59-2	
trans-1,2-Dichloroethene	**601**	ug/L	200	178	200		04/02/13 14:30	156-60-5	
1,2-Dichloropropane	**<98.0**	ug/L	200	98.0	200		04/02/13 14:30	78-87-5	
1,3-Dichloropropane	**<122**	ug/L	200	122	200		04/02/13 14:30	142-28-9	
2,2-Dichloropropane	**<124**	ug/L	200	124	200		04/02/13 14:30	594-20-7	
1,1-Dichloropropene	**<150**	ug/L	200	150	200		04/02/13 14:30	563-58-6	
cis-1,3-Dichloropropene	**<40.0**	ug/L	200	40.0	200		04/02/13 14:30	10061-01-5	
trans-1,3-Dichloropropene	**<38.0**	ug/L	200	38.0	200		04/02/13 14:30	10061-02-6	
Diisopropyl ether	**<152**	ug/L	200	152	200		04/02/13 14:30	108-20-3	
Ethylbenzene	**<108**	ug/L	200	108	200		04/02/13 14:30	100-41-4	
Hexachloro-1,3-butadiene	**<134**	ug/L	1000	134	200		04/02/13 14:30	87-68-3	
Isopropylbenzene (Cumene)	**<118**	ug/L	200	118	200		04/02/13 14:30	98-82-8	
p-Isopropyltoluene	**<134**	ug/L	200	134	200		04/02/13 14:30	99-87-6	
Methylene Chloride	**<86.0**	ug/L	200	86.0	200		04/02/13 14:30	75-09-2	
Methyl-tert-butyl ether	**<122**	ug/L	200	122	200		04/02/13 14:30	1634-04-4	
Naphthalene	**<178**	ug/L	1000	178	200		04/02/13 14:30	91-20-3	
n-Propylbenzene	**<162**	ug/L	200	162	200		04/02/13 14:30	103-65-1	
Styrene	**<172**	ug/L	200	172	200		04/02/13 14:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<184**	ug/L	200	184	200		04/02/13 14:30	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-6 **Lab ID: 4075576006** Collected: 03/27/13 13:40 Received: 03/28/13 15:30 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		04/02/13 14:30	79-34-5	
Tetrachloroethene	**<90.0**	ug/L	200	90.0	200		04/02/13 14:30	127-18-4	
Toluene	**<134**	ug/L	200	134	200		04/02/13 14:30	108-88-3	
1,2,3-Trichlorobenzene	**<148**	ug/L	200	148	200		04/02/13 14:30	87-61-6	
1,2,4-Trichlorobenzene	**<194**	ug/L	1000	194	200		04/02/13 14:30	120-82-1	
1,1,1-Trichloroethane	**<180**	ug/L	200	180	200		04/02/13 14:30	71-55-6	
1,1,2-Trichloroethane	**<84.0**	ug/L	200	84.0	200		04/02/13 14:30	79-00-5	
Trichloroethene	**<96.0**	ug/L	200	96.0	200		04/02/13 14:30	79-01-6	
Trichlorofluoromethane	**<158**	ug/L	200	158	200		04/02/13 14:30	75-69-4	
1,2,3-Trichloropropane	**<198**	ug/L	200	198	200		04/02/13 14:30	96-18-4	
1,2,4-Trimethylbenzene	**<194**	ug/L	200	194	200		04/02/13 14:30	95-63-6	
1,3,5-Trimethylbenzene	**<166**	ug/L	200	166	200		04/02/13 14:30	108-67-8	
Vinyl chloride	**2060**	ug/L	200	36.0	200		04/02/13 14:30	75-01-4	
m&p-Xylene	**<360**	ug/L	400	360	200		04/02/13 14:30	179601-23-1	
o-Xylene	**<166**	ug/L	200	166	200		04/02/13 14:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	43-137		200		04/02/13 14:30	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		200		04/02/13 14:30	1868-53-7	
Toluene-d8 (S)	99	%	55-137		200		04/02/13 14:30	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-7 **Lab ID: 4075576007** Collected: 03/27/13 12:55 Received: 03/28/13 15:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<1.6**	ug/L	4.0	1.6	4		04/02/13 17:19	71-43-2	
Bromobenzene	**<3.3**	ug/L	4.0	3.3	4		04/02/13 17:19	108-86-1	
Bromochloromethane	**<3.9**	ug/L	4.0	3.9	4		04/02/13 17:19	74-97-5	
Bromodichloromethane	**<2.2**	ug/L	4.0	2.2	4		04/02/13 17:19	75-27-4	
Bromoform	**<3.8**	ug/L	4.0	3.8	4		04/02/13 17:19	75-25-2	
Bromomethane	**<3.6**	ug/L	4.0	3.6	4		04/02/13 17:19	74-83-9	
n-Butylbenzene	**<3.7**	ug/L	4.0	3.7	4		04/02/13 17:19	104-51-8	
sec-Butylbenzene	**<3.6**	ug/L	20.0	3.6	4		04/02/13 17:19	135-98-8	
tert-Butylbenzene	**<3.9**	ug/L	4.0	3.9	4		04/02/13 17:19	98-06-6	
Carbon tetrachloride	**<2.0**	ug/L	4.0	2.0	4		04/02/13 17:19	56-23-5	
Chlorobenzene	**<1.6**	ug/L	4.0	1.6	4		04/02/13 17:19	108-90-7	
Chloroethane	**<3.9**	ug/L	4.0	3.9	4		04/02/13 17:19	75-00-3	
Chloroform	**<5.2**	ug/L	20.0	5.2	4		04/02/13 17:19	67-66-3	
Chloromethane	**<0.96**	ug/L	4.0	0.96	4		04/02/13 17:19	74-87-3	
2-Chlorotoluene	**<3.4**	ug/L	4.0	3.4	4		04/02/13 17:19	95-49-8	
4-Chlorotoluene	**<3.0**	ug/L	4.0	3.0	4		04/02/13 17:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<6.7**	ug/L	20.0	6.7	4		04/02/13 17:19	96-12-8	
Dibromochloromethane	**<3.2**	ug/L	4.0	3.2	4		04/02/13 17:19	124-48-1	
1,2-Dibromoethane (EDB)	**<2.2**	ug/L	4.0	2.2	4		04/02/13 17:19	106-93-4	
Dibromomethane	**<2.4**	ug/L	4.0	2.4	4		04/02/13 17:19	74-95-3	
1,2-Dichlorobenzene	**<3.3**	ug/L	4.0	3.3	4		04/02/13 17:19	95-50-1	
1,3-Dichlorobenzene	**<3.5**	ug/L	4.0	3.5	4		04/02/13 17:19	541-73-1	
1,4-Dichlorobenzene	**<3.8**	ug/L	4.0	3.8	4		04/02/13 17:19	106-46-7	
Dichlorodifluoromethane	**<4.0**	ug/L	4.0	4.0	4		04/02/13 17:19	75-71-8	
1,1-Dichloroethane	**<3.0**	ug/L	4.0	3.0	4		04/02/13 17:19	75-34-3	
1,2-Dichloroethane	**<1.4**	ug/L	4.0	1.4	4		04/02/13 17:19	107-06-2	
1,1-Dichloroethene	**<2.3**	ug/L	4.0	2.3	4		04/02/13 17:19	75-35-4	
cis-1,2-Dichloroethene	**261**	ug/L	4.0	3.3	4		04/02/13 17:19	156-59-2	
trans-1,2-Dichloroethene	**12.7**	ug/L	4.0	3.6	4		04/02/13 17:19	156-60-5	
1,2-Dichloropropane	**<2.0**	ug/L	4.0	2.0	4		04/02/13 17:19	78-87-5	
1,3-Dichloropropane	**<2.4**	ug/L	4.0	2.4	4		04/02/13 17:19	142-28-9	
2,2-Dichloropropane	**<2.5**	ug/L	4.0	2.5	4		04/02/13 17:19	594-20-7	
1,1-Dichloropropene	**<3.0**	ug/L	4.0	3.0	4		04/02/13 17:19	563-58-6	
cis-1,3-Dichloropropene	**<0.80**	ug/L	4.0	0.80	4		04/02/13 17:19	10061-01-5	
trans-1,3-Dichloropropene	**<0.76**	ug/L	4.0	0.76	4		04/02/13 17:19	10061-02-6	
Diisopropyl ether	**<3.0**	ug/L	4.0	3.0	4		04/02/13 17:19	108-20-3	
Ethylbenzene	**<2.2**	ug/L	4.0	2.2	4		04/02/13 17:19	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	20.0	2.7	4		04/02/13 17:19	87-68-3	
Isopropylbenzene (Cumene)	**<2.4**	ug/L	4.0	2.4	4		04/02/13 17:19	98-82-8	
p-Isopropyltoluene	**<2.7**	ug/L	4.0	2.7	4		04/02/13 17:19	99-87-6	
Methylene Chloride	**<1.7**	ug/L	4.0	1.7	4		04/02/13 17:19	75-09-2	
Methyl-tert-butyl ether	**<2.4**	ug/L	4.0	2.4	4		04/02/13 17:19	1634-04-4	
Naphthalene	**<3.6**	ug/L	20.0	3.6	4		04/02/13 17:19	91-20-3	
n-Propylbenzene	**<3.2**	ug/L	4.0	3.2	4		04/02/13 17:19	103-65-1	
Styrene	**<3.4**	ug/L	4.0	3.4	4		04/02/13 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<3.7**	ug/L	4.0	3.7	4		04/02/13 17:19	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-7 **Lab ID: 4075576007** Collected: 03/27/13 12:55 Received: 03/28/13 15:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.80**	ug/L	4.0	0.80	4		04/02/13 17:19	79-34-5	
Tetrachloroethene	**23.9**	ug/L	4.0	1.8	4		04/02/13 17:19	127-18-4	
Toluene	**<2.7**	ug/L	4.0	2.7	4		04/02/13 17:19	108-88-3	
1,2,3-Trichlorobenzene	**<3.0**	ug/L	4.0	3.0	4		04/02/13 17:19	87-61-6	
1,2,4-Trichlorobenzene	**<3.9**	ug/L	20.0	3.9	4		04/02/13 17:19	120-82-1	
1,1,1-Trichloroethane	**<3.6**	ug/L	4.0	3.6	4		04/02/13 17:19	71-55-6	
1,1,2-Trichloroethane	**<1.7**	ug/L	4.0	1.7	4		04/02/13 17:19	79-00-5	
Trichloroethene	**17.3**	ug/L	4.0	1.9	4		04/02/13 17:19	79-01-6	
Trichlorofluoromethane	**<3.2**	ug/L	4.0	3.2	4		04/02/13 17:19	75-69-4	
1,2,3-Trichloropropane	**<4.0**	ug/L	4.0	4.0	4		04/02/13 17:19	96-18-4	
1,2,4-Trimethylbenzene	**<3.9**	ug/L	4.0	3.9	4		04/02/13 17:19	95-63-6	
1,3,5-Trimethylbenzene	**<3.3**	ug/L	4.0	3.3	4		04/02/13 17:19	108-67-8	
Vinyl chloride	**35.0**	ug/L	4.0	0.72	4		04/02/13 17:19	75-01-4	
m&p-Xylene	**<7.2**	ug/L	8.0	7.2	4		04/02/13 17:19	179601-23-1	
o-Xylene	**<3.3**	ug/L	4.0	3.3	4		04/02/13 17:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	43-137		4		04/02/13 17:19	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		4		04/02/13 17:19	1868-53-7	
Toluene-d8 (S)	98	%	55-137		4		04/02/13 17:19	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-8 **Lab ID: 4075576008** Collected: 03/27/13 10:25 Received: 03/28/13 15:30 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		04/02/13 18:27	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		04/02/13 18:27	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:27	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		04/02/13 18:27	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		04/02/13 18:27	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		04/02/13 18:27	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		04/02/13 18:27	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 18:27	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:27	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		04/02/13 18:27	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		04/02/13 18:27	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:27	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/02/13 18:27	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		04/02/13 18:27	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		04/02/13 18:27	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 18:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		04/02/13 18:27	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		04/02/13 18:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		04/02/13 18:27	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		04/02/13 18:27	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:27	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		04/02/13 18:27	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		04/02/13 18:27	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 18:27	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		04/02/13 18:27	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		04/02/13 18:27	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		04/02/13 18:27	75-35-4	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.83	1		04/02/13 18:27	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		04/02/13 18:27	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		04/02/13 18:27	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		04/02/13 18:27	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		04/02/13 18:27	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		04/02/13 18:27	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		04/02/13 18:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		04/02/13 18:27	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		04/02/13 18:27	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		04/02/13 18:27	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		04/02/13 18:27	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		04/02/13 18:27	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 18:27	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		04/02/13 18:27	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		04/02/13 18:27	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 18:27	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		04/02/13 18:27	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		04/02/13 18:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		04/02/13 18:27	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-8 **Lab ID: 4075576008** Collected: 03/27/13 10:25 Received: 03/28/13 15:30 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		04/02/13 18:27	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		04/02/13 18:27	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 18:27	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 18:27	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		04/02/13 18:27	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		04/02/13 18:27	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		04/02/13 18:27	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		04/02/13 18:27	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		04/02/13 18:27	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 18:27	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:27	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/02/13 18:27	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		04/02/13 18:27	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	43-137		1		04/02/13 18:27	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		04/02/13 18:27	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		04/02/13 18:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-10 **Lab ID: 4075576009** Collected: 03/27/13 09:12 Received: 03/28/13 15:30 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		04/02/13 18:49	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		04/02/13 18:49	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:49	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		04/02/13 18:49	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		04/02/13 18:49	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		04/02/13 18:49	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		04/02/13 18:49	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 18:49	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:49	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		04/02/13 18:49	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		04/02/13 18:49	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:49	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/02/13 18:49	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		04/02/13 18:49	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		04/02/13 18:49	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 18:49	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		04/02/13 18:49	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		04/02/13 18:49	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		04/02/13 18:49	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		04/02/13 18:49	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:49	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		04/02/13 18:49	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		04/02/13 18:49	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 18:49	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		04/02/13 18:49	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		04/02/13 18:49	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		04/02/13 18:49	75-35-4	
cis-1,2-Dichloroethene	**9.7**	ug/L	1.0	0.83	1		04/02/13 18:49	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		04/02/13 18:49	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		04/02/13 18:49	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		04/02/13 18:49	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		04/02/13 18:49	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		04/02/13 18:49	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		04/02/13 18:49	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		04/02/13 18:49	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		04/02/13 18:49	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		04/02/13 18:49	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		04/02/13 18:49	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		04/02/13 18:49	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 18:49	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		04/02/13 18:49	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		04/02/13 18:49	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 18:49	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		04/02/13 18:49	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		04/02/13 18:49	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		04/02/13 18:49	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-10 **Lab ID: 4075576009** Collected: 03/27/13 09:12 Received: 03/28/13 15:30 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		04/02/13 18:49	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		04/02/13 18:49	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 18:49	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 18:49	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		04/02/13 18:49	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		04/02/13 18:49	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		04/02/13 18:49	79-00-5	
Trichloroethene	**1.2**	ug/L	1.0	0.48	1		04/02/13 18:49	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		04/02/13 18:49	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 18:49	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 18:49	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:49	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/02/13 18:49	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		04/02/13 18:49	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 18:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	43-137		1		04/02/13 18:49	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/02/13 18:49	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		04/02/13 18:49	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-12 **Lab ID: 4075576010** Collected: 03/27/13 08:53 Received: 03/28/13 15:30 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		04/02/13 19:12	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		04/02/13 19:12	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:12	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		04/02/13 19:12	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		04/02/13 19:12	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		04/02/13 19:12	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		04/02/13 19:12	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 19:12	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:12	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		04/02/13 19:12	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		04/02/13 19:12	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:12	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/02/13 19:12	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		04/02/13 19:12	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		04/02/13 19:12	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 19:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		04/02/13 19:12	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		04/02/13 19:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		04/02/13 19:12	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		04/02/13 19:12	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:12	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		04/02/13 19:12	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		04/02/13 19:12	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 19:12	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		04/02/13 19:12	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		04/02/13 19:12	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		04/02/13 19:12	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:12	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		04/02/13 19:12	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		04/02/13 19:12	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		04/02/13 19:12	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		04/02/13 19:12	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		04/02/13 19:12	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		04/02/13 19:12	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		04/02/13 19:12	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		04/02/13 19:12	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		04/02/13 19:12	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		04/02/13 19:12	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		04/02/13 19:12	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 19:12	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		04/02/13 19:12	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		04/02/13 19:12	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 19:12	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		04/02/13 19:12	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		04/02/13 19:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		04/02/13 19:12	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-12 **Lab ID: 4075576010** Collected: 03/27/13 08:53 Received: 03/28/13 15:30 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		04/02/13 19:12	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		04/02/13 19:12	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 19:12	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 19:12	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		04/02/13 19:12	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		04/02/13 19:12	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		04/02/13 19:12	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		04/02/13 19:12	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		04/02/13 19:12	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 19:12	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:12	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/02/13 19:12	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		04/02/13 19:12	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		04/02/13 19:12	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/02/13 19:12	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		04/02/13 19:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-13 **Lab ID: 4075576011** Collected: 03/27/13 10:13 Received: 03/28/13 15:30 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		04/02/13 19:34	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		04/02/13 19:34	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:34	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		04/02/13 19:34	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		04/02/13 19:34	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		04/02/13 19:34	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		04/02/13 19:34	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 19:34	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:34	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		04/02/13 19:34	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		04/02/13 19:34	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:34	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/02/13 19:34	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		04/02/13 19:34	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		04/02/13 19:34	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 19:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		04/02/13 19:34	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		04/02/13 19:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		04/02/13 19:34	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		04/02/13 19:34	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:34	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		04/02/13 19:34	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		04/02/13 19:34	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 19:34	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		04/02/13 19:34	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		04/02/13 19:34	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		04/02/13 19:34	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:34	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		04/02/13 19:34	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		04/02/13 19:34	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		04/02/13 19:34	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		04/02/13 19:34	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		04/02/13 19:34	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		04/02/13 19:34	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		04/02/13 19:34	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		04/02/13 19:34	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		04/02/13 19:34	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		04/02/13 19:34	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		04/02/13 19:34	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 19:34	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		04/02/13 19:34	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		04/02/13 19:34	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 19:34	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		04/02/13 19:34	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		04/02/13 19:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		04/02/13 19:34	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: MW-13 **Lab ID: 4075576011** Collected: 03/27/13 10:13 Received: 03/28/13 15:30 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		04/02/13 19:34	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		04/02/13 19:34	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 19:34	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 19:34	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		04/02/13 19:34	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		04/02/13 19:34	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		04/02/13 19:34	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		04/02/13 19:34	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		04/02/13 19:34	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 19:34	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:34	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/02/13 19:34	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		04/02/13 19:34	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		04/02/13 19:34	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/02/13 19:34	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		04/02/13 19:34	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: PZ-2 **Lab ID: 4075576012** Collected: 03/27/13 13:32 Received: 03/28/13 15:30 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		04/02/13 19:56	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		04/02/13 19:56	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:56	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		04/02/13 19:56	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		04/02/13 19:56	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		04/02/13 19:56	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		04/02/13 19:56	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 19:56	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:56	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		04/02/13 19:56	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		04/02/13 19:56	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:56	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/02/13 19:56	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		04/02/13 19:56	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		04/02/13 19:56	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 19:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		04/02/13 19:56	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		04/02/13 19:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		04/02/13 19:56	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		04/02/13 19:56	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:56	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		04/02/13 19:56	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		04/02/13 19:56	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 19:56	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		04/02/13 19:56	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		04/02/13 19:56	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		04/02/13 19:56	75-35-4	
cis-1,2-Dichloroethene	**4.1**	ug/L	1.0	0.83	1		04/02/13 19:56	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		04/02/13 19:56	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		04/02/13 19:56	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		04/02/13 19:56	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		04/02/13 19:56	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		04/02/13 19:56	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		04/02/13 19:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		04/02/13 19:56	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		04/02/13 19:56	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		04/02/13 19:56	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		04/02/13 19:56	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		04/02/13 19:56	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 19:56	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		04/02/13 19:56	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		04/02/13 19:56	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 19:56	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		04/02/13 19:56	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		04/02/13 19:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		04/02/13 19:56	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: PZ-2 **Lab ID: 4075576012** Collected: 03/27/13 13:32 Received: 03/28/13 15:30 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		04/02/13 19:56	79-34-5	
Tetrachloroethene	**6.0**	ug/L	1.0	0.45	1		04/02/13 19:56	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 19:56	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 19:56	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		04/02/13 19:56	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		04/02/13 19:56	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		04/02/13 19:56	79-00-5	
Trichloroethene	**1.1**	ug/L	1.0	0.48	1		04/02/13 19:56	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		04/02/13 19:56	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 19:56	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 19:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:56	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/02/13 19:56	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		04/02/13 19:56	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 19:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		04/02/13 19:56	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/02/13 19:56	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		04/02/13 19:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: DUPLICATE **Lab ID: 4075576013** Collected: 03/27/13 00:00 Received: 03/28/13 15:30 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		04/02/13 17:42	71-43-2	
Bromobenzene	**<328**	ug/L	400	328	400		04/02/13 17:42	108-86-1	
Bromochloromethane	**<388**	ug/L	400	388	400		04/02/13 17:42	74-97-5	
Bromodichloromethane	**<224**	ug/L	400	224	400		04/02/13 17:42	75-27-4	
Bromoform	**<376**	ug/L	400	376	400		04/02/13 17:42	75-25-2	
Bromomethane	**<364**	ug/L	400	364	400		04/02/13 17:42	74-83-9	
n-Butylbenzene	**<372**	ug/L	400	372	400		04/02/13 17:42	104-51-8	
sec-Butylbenzene	**<356**	ug/L	2000	356	400		04/02/13 17:42	135-98-8	
tert-Butylbenzene	**<388**	ug/L	400	388	400		04/02/13 17:42	98-06-6	
Carbon tetrachloride	**<196**	ug/L	400	196	400		04/02/13 17:42	56-23-5	
Chlorobenzene	**<164**	ug/L	400	164	400		04/02/13 17:42	108-90-7	
Chloroethane	**<388**	ug/L	400	388	400		04/02/13 17:42	75-00-3	
Chloroform	**<520**	ug/L	2000	520	400		04/02/13 17:42	67-66-3	
Chloromethane	**<96.0**	ug/L	400	96.0	400		04/02/13 17:42	74-87-3	
2-Chlorotoluene	**<340**	ug/L	400	340	400		04/02/13 17:42	95-49-8	
4-Chlorotoluene	**<296**	ug/L	400	296	400		04/02/13 17:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<672**	ug/L	2000	672	400		04/02/13 17:42	96-12-8	
Dibromochloromethane	**<324**	ug/L	400	324	400		04/02/13 17:42	124-48-1	
1,2-Dibromoethane (EDB)	**<224**	ug/L	400	224	400		04/02/13 17:42	106-93-4	
Dibromomethane	**<240**	ug/L	400	240	400		04/02/13 17:42	74-95-3	
1,2-Dichlorobenzene	**<332**	ug/L	400	332	400		04/02/13 17:42	95-50-1	
1,3-Dichlorobenzene	**<348**	ug/L	400	348	400		04/02/13 17:42	541-73-1	
1,4-Dichlorobenzene	**<380**	ug/L	400	380	400		04/02/13 17:42	106-46-7	
Dichlorodifluoromethane	**<396**	ug/L	400	396	400		04/02/13 17:42	75-71-8	
1,1-Dichloroethane	**<300**	ug/L	400	300	400		04/02/13 17:42	75-34-3	
1,2-Dichloroethane	**<144**	ug/L	400	144	400		04/02/13 17:42	107-06-2	
1,1-Dichloroethene	**<228**	ug/L	400	228	400		04/02/13 17:42	75-35-4	
cis-1,2-Dichloroethene	**2300**	ug/L	400	332	400		04/02/13 17:42	156-59-2	
trans-1,2-Dichloroethene	**<356**	ug/L	400	356	400		04/02/13 17:42	156-60-5	
1,2-Dichloropropane	**<196**	ug/L	400	196	400		04/02/13 17:42	78-87-5	
1,3-Dichloropropane	**<244**	ug/L	400	244	400		04/02/13 17:42	142-28-9	
2,2-Dichloropropane	**<248**	ug/L	400	248	400		04/02/13 17:42	594-20-7	
1,1-Dichloropropene	**<300**	ug/L	400	300	400		04/02/13 17:42	563-58-6	
cis-1,3-Dichloropropene	**<80.0**	ug/L	400	80.0	400		04/02/13 17:42	10061-01-5	
trans-1,3-Dichloropropene	**<76.0**	ug/L	400	76.0	400		04/02/13 17:42	10061-02-6	
Diisopropyl ether	**<304**	ug/L	400	304	400		04/02/13 17:42	108-20-3	
Ethylbenzene	**<216**	ug/L	400	216	400		04/02/13 17:42	100-41-4	
Hexachloro-1,3-butadiene	**<268**	ug/L	2000	268	400		04/02/13 17:42	87-68-3	
Isopropylbenzene (Cumene)	**<236**	ug/L	400	236	400		04/02/13 17:42	98-82-8	
p-Isopropyltoluene	**<268**	ug/L	400	268	400		04/02/13 17:42	99-87-6	
Methylene Chloride	**<172**	ug/L	400	172	400		04/02/13 17:42	75-09-2	
Methyl-tert-butyl ether	**<244**	ug/L	400	244	400		04/02/13 17:42	1634-04-4	
Naphthalene	**<356**	ug/L	2000	356	400		04/02/13 17:42	91-20-3	
n-Propylbenzene	**<324**	ug/L	400	324	400		04/02/13 17:42	103-65-1	
Styrene	**<344**	ug/L	400	344	400		04/02/13 17:42	100-42-5	
1,1,1,2-Tetrachloroethane	**<368**	ug/L	400	368	400		04/02/13 17:42	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: DUPLICATE **Lab ID: 4075576013** Collected: 03/27/13 00:00 Received: 03/28/13 15:30 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		04/02/13 17:42	79-34-5	
Tetrachloroethene	**34500**	ug/L	400	180	400		04/02/13 17:42	127-18-4	
Toluene	**<268**	ug/L	400	268	400		04/02/13 17:42	108-88-3	
1,2,3-Trichlorobenzene	**<296**	ug/L	400	296	400		04/02/13 17:42	87-61-6	
1,2,4-Trichlorobenzene	**<388**	ug/L	2000	388	400		04/02/13 17:42	120-82-1	
1,1,1-Trichloroethane	**<360**	ug/L	400	360	400		04/02/13 17:42	71-55-6	
1,1,2-Trichloroethane	**<168**	ug/L	400	168	400		04/02/13 17:42	79-00-5	
Trichloroethene	**1640**	ug/L	400	192	400		04/02/13 17:42	79-01-6	
Trichlorofluoromethane	**<316**	ug/L	400	316	400		04/02/13 17:42	75-69-4	
1,2,3-Trichloropropane	**<396**	ug/L	400	396	400		04/02/13 17:42	96-18-4	
1,2,4-Trimethylbenzene	**<388**	ug/L	400	388	400		04/02/13 17:42	95-63-6	
1,3,5-Trimethylbenzene	**<332**	ug/L	400	332	400		04/02/13 17:42	108-67-8	
Vinyl chloride	**<72.0**	ug/L	400	72.0	400		04/02/13 17:42	75-01-4	
m&p-Xylene	**<720**	ug/L	800	720	400		04/02/13 17:42	179601-23-1	
o-Xylene	**<332**	ug/L	400	332	400		04/02/13 17:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	43-137		400		04/02/13 17:42	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		400		04/02/13 17:42	1868-53-7	
Toluene-d8 (S)	98	%	55-137		400		04/02/13 17:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: TRIP BLANK **Lab ID: 4075576014** Collected: 03/27/13 00:00 Received: 03/28/13 15:30 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		04/02/13 20:19	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		04/02/13 20:19	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 20:19	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		04/02/13 20:19	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		04/02/13 20:19	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		04/02/13 20:19	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		04/02/13 20:19	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 20:19	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 20:19	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		04/02/13 20:19	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		04/02/13 20:19	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		04/02/13 20:19	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		04/02/13 20:19	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		04/02/13 20:19	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		04/02/13 20:19	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 20:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		04/02/13 20:19	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		04/02/13 20:19	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		04/02/13 20:19	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		04/02/13 20:19	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 20:19	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		04/02/13 20:19	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		04/02/13 20:19	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 20:19	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		04/02/13 20:19	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		04/02/13 20:19	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		04/02/13 20:19	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 20:19	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		04/02/13 20:19	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		04/02/13 20:19	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		04/02/13 20:19	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		04/02/13 20:19	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		04/02/13 20:19	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		04/02/13 20:19	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		04/02/13 20:19	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		04/02/13 20:19	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		04/02/13 20:19	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		04/02/13 20:19	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		04/02/13 20:19	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 20:19	99-87-6	
Methylene Chloride	**0.72J**	ug/L	1.0	0.43	1		04/02/13 20:19	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		04/02/13 20:19	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		04/02/13 20:19	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		04/02/13 20:19	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		04/02/13 20:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		04/02/13 20:19	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Sample: TRIP BLANK **Lab ID: 4075576014** Collected: 03/27/13 00:00 Received: 03/28/13 15:30 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		04/02/13 20:19	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		04/02/13 20:19	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		04/02/13 20:19	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		04/02/13 20:19	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		04/02/13 20:19	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		04/02/13 20:19	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		04/02/13 20:19	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		04/02/13 20:19	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		04/02/13 20:19	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		04/02/13 20:19	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		04/02/13 20:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 20:19	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/02/13 20:19	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		04/02/13 20:19	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		04/02/13 20:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		04/02/13 20:19	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		04/02/13 20:19	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		04/02/13 20:19	2037-26-5	

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QUALITY CONTROL DATA

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

QC Batch: MSV/19033 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4075576001, 4075576002, 4075576003, 4075576004, 4075576005, 4075576006, 4075576007, 4075576008, 4075576009, 4075576010, 4075576011, 4075576012, 4075576013, 4075576014

METHOD BLANK: 767665 Matrix: Water
Associated Lab Samples: 4075576001, 4075576002, 4075576003, 4075576004, 4075576005, 4075576006, 4075576007, 4075576008, 4075576009, 4075576010, 4075576011, 4075576012, 4075576013, 4075576014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	04/02/13 07:42	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	04/02/13 07:42	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	04/02/13 07:42	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	04/02/13 07:42	
1,1-Dichloroethane	ug/L	<0.75	1.0	04/02/13 07:42	
1,1-Dichloroethene	ug/L	<0.57	1.0	04/02/13 07:42	
1,1-Dichloropropene	ug/L	<0.75	1.0	04/02/13 07:42	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	04/02/13 07:42	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	04/02/13 07:42	
1,2,4-Trichlorobenzene	ug/L	<0.97	5.0	04/02/13 07:42	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	04/02/13 07:42	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	04/02/13 07:42	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	04/02/13 07:42	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	04/02/13 07:42	
1,2-Dichloroethane	ug/L	<0.36	1.0	04/02/13 07:42	
1,2-Dichloropropane	ug/L	<0.49	1.0	04/02/13 07:42	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	04/02/13 07:42	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	04/02/13 07:42	
1,3-Dichloropropane	ug/L	<0.61	1.0	04/02/13 07:42	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	04/02/13 07:42	
2,2-Dichloropropane	ug/L	<0.62	1.0	04/02/13 07:42	
2-Chlorotoluene	ug/L	<0.85	1.0	04/02/13 07:42	
4-Chlorotoluene	ug/L	<0.74	1.0	04/02/13 07:42	
Benzene	ug/L	<0.41	1.0	04/02/13 07:42	
Bromobenzene	ug/L	<0.82	1.0	04/02/13 07:42	
Bromochloromethane	ug/L	<0.97	1.0	04/02/13 07:42	
Bromodichloromethane	ug/L	<0.56	1.0	04/02/13 07:42	
Bromoform	ug/L	<0.94	1.0	04/02/13 07:42	
Bromomethane	ug/L	<0.91	1.0	04/02/13 07:42	
Carbon tetrachloride	ug/L	<0.49	1.0	04/02/13 07:42	
Chlorobenzene	ug/L	<0.41	1.0	04/02/13 07:42	
Chloroethane	ug/L	<0.97	1.0	04/02/13 07:42	
Chloroform	ug/L	<1.3	5.0	04/02/13 07:42	
Chloromethane	ug/L	<0.24	1.0	04/02/13 07:42	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	04/02/13 07:42	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	04/02/13 07:42	
Dibromochloromethane	ug/L	<0.81	1.0	04/02/13 07:42	
Dibromomethane	ug/L	<0.60	1.0	04/02/13 07:42	
Dichlorodifluoromethane	ug/L	<0.99	1.0	04/02/13 07:42	
Diisopropyl ether	ug/L	<0.76	1.0	04/02/13 07:42	
Ethylbenzene	ug/L	<0.54	1.0	04/02/13 07:42	

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QUALITY CONTROL DATA

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

METHOD BLANK: 767665 Matrix: Water

Associated Lab Samples: 4075576001, 4075576002, 4075576003, 4075576004, 4075576005, 4075576006, 4075576007, 4075576008, 4075576009, 4075576010, 4075576011, 4075576012, 4075576013, 4075576014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	04/02/13 07:42	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	04/02/13 07:42	
m&p-Xylene	ug/L	<1.8	2.0	04/02/13 07:42	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	04/02/13 07:42	
Methylene Chloride	ug/L	<0.43	1.0	04/02/13 07:42	
n-Butylbenzene	ug/L	<0.93	1.0	04/02/13 07:42	
n-Propylbenzene	ug/L	<0.81	1.0	04/02/13 07:42	
Naphthalene	ug/L	<0.89	5.0	04/02/13 07:42	
o-Xylene	ug/L	<0.83	1.0	04/02/13 07:42	
p-Isopropyltoluene	ug/L	<0.67	1.0	04/02/13 07:42	
sec-Butylbenzene	ug/L	<0.89	5.0	04/02/13 07:42	
Styrene	ug/L	<0.86	1.0	04/02/13 07:42	
tert-Butylbenzene	ug/L	<0.97	1.0	04/02/13 07:42	
Tetrachloroethene	ug/L	<0.45	1.0	04/02/13 07:42	
Toluene	ug/L	<0.67	1.0	04/02/13 07:42	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	04/02/13 07:42	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	04/02/13 07:42	
Trichloroethene	ug/L	<0.48	1.0	04/02/13 07:42	
Trichlorofluoromethane	ug/L	<0.79	1.0	04/02/13 07:42	
Vinyl chloride	ug/L	<0.18	1.0	04/02/13 07:42	
4-Bromofluorobenzene (S)	%	98	43-137	04/02/13 07:42	
Dibromofluoromethane (S)	%	98	70-130	04/02/13 07:42	
Toluene-d8 (S)	%	98	55-137	04/02/13 07:42	

LABORATORY CONTROL SAMPLE & LCSD: 767666 767667

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	57.4	56.6	115	113	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	50.9	50.9	102	102	70-130	0	20	
1,1,2-Trichloroethane	ug/L	50	53.6	53.4	107	107	70-130	0	20	
1,1-Dichloroethane	ug/L	50	54.6	55.0	109	110	70-146	1	20	
1,1-Dichloroethene	ug/L	50	54.2	54.4	108	109	70-130	0	20	
1,2,4-Trichlorobenzene	ug/L	50	55.1	53.8	110	108	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	47.6	45.9	95	92	46-150	4	20	
1,2-Dibromoethane (EDB)	ug/L	50	53.7	53.4	107	107	70-130	0	20	
1,2-Dichlorobenzene	ug/L	50	52.9	51.9	106	104	70-130	2	20	
1,2-Dichloroethane	ug/L	50	55.2	54.7	110	109	70-144	1	20	
1,2-Dichloropropane	ug/L	50	55.9	55.7	112	111	70-136	0	20	
1,3-Dichlorobenzene	ug/L	50	52.8	52.4	106	105	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	52.3	51.8	105	104	70-130	1	20	
Benzene	ug/L	50	56.3	56.4	113	113	70-137	0	20	
Bromodichloromethane	ug/L	50	56.2	56.0	112	112	70-133	0	20	
Bromoform	ug/L	50	48.8	48.0	98	96	59-130	2	20	
Bromomethane	ug/L	50	45.1	47.4	90	95	41-148	5	20	

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QUALITY CONTROL DATA

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

LABORATORY CONTROL SAMPLE & LCSD: 767666 767667

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	58.4	57.6	117	115	70-154	1	20	
Chlorobenzene	ug/L	50	54.0	53.3	108	107	70-130	1	20	
Chloroethane	ug/L	50	52.9	53.0	106	106	70-139	0	20	
Chloroform	ug/L	50	58.3	57.2	117	114	70-130	2	20	
Chloromethane	ug/L	50	44.9	44.3	90	89	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	50	53.3	54.0	107	108	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	50	46.0	46.1	92	92	70-136	0	20	
Dibromochloromethane	ug/L	50	48.4	48.0	97	96	70-130	1	20	
Dichlorodifluoromethane	ug/L	50	37.0	35.5	74	71	20-157	4	20	
Ethylbenzene	ug/L	50	56.4	55.6	113	111	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	50	57.0	56.0	114	112	70-130	2	20	
m&p-Xylene	ug/L	100	112	111	112	111	70-130	1	20	
Methyl-tert-butyl ether	ug/L	50	50.3	49.7	101	99	59-141	1	20	
Methylene Chloride	ug/L	50	53.1	53.1	106	106	70-130	0	20	
o-Xylene	ug/L	50	56.9	55.9	114	112	70-130	2	20	
Styrene	ug/L	50	53.4	52.4	107	105	70-130	2	20	
Tetrachloroethene	ug/L	50	53.8	53.3	108	107	70-130	1	20	
Toluene	ug/L	50	55.1	54.6	110	109	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	55.1	55.4	110	111	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	50	49.0	48.7	98	97	55-135	1	20	
Trichloroethene	ug/L	50	58.1	57.1	116	114	70-130	2	20	
Trichlorofluoromethane	ug/L	50	54.6	53.7	109	107	50-150	2	20	
Vinyl chloride	ug/L	50	50.5	50.4	101	101	61-143	0	20	
4-Bromofluorobenzene (S)	%				101	101	43-137			
Dibromofluoromethane (S)	%				101	101	70-130			
Toluene-d8 (S)	%				98	98	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 768289 768290

Parameter	Units	4075607010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.90	50	50	56.1	57.8	112	116	70-136	3	20	
1,1,2,2-Tetrachloroethane	ug/L				55.1	56.3				2	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	55.1	56.2	110	112	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	55.5	56.7	111	113	70-146	2	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	53.8	56.4	108	113	70-130	5	20	
1,2,4-Trichlorobenzene	ug/L				53.8	56.1				4	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	50	50	52.1	53.8	104	108	46-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.56	50	50	55.4	57.4	111	115	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.83	50	50	53.0	54.2	106	108	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	57.8	59.0	116	118	70-146	2	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	57.3	58.2	115	116	70-136	2	20	
1,3-Dichlorobenzene	ug/L	<0.87	50	50	52.1	53.7	104	107	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.95	50	50	51.7	53.4	103	107	70-130	3	20	
Benzene	ug/L	<0.41	50	50	57.7	59.0	115	118	70-137	2	20	
Bromodichloromethane	ug/L	<0.56	50	50	56.8	57.7	114	115	70-133	2	20	
Bromoform	ug/L	<0.94	50	50	49.1	50.2	98	100	57-130	2	20	

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QUALITY CONTROL DATA

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 768289 768290

Parameter	Units	4075607010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromomethane	ug/L	<0.91	50	50	44.8	49.2	90	98	41-148	10	20	
Carbon tetrachloride	ug/L	<0.49	50	50	58.2	60.3	116	121	70-154	4	20	
Chlorobenzene	ug/L	<0.41	50	50	53.5	54.6	107	109	70-130	2	20	
Chloroethane	ug/L	<0.97	50	50	52.7	54.4	105	109	70-140	3	20	
Chloroform	ug/L	<1.3	50	50	55.0	55.2	110	110	70-130	0	20	
Chloromethane	ug/L	<0.24	50	50	45.7	46.4	91	93	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	54.1	55.1	108	110	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	46.3	47.2	93	94	70-136	2	20	
Dibromochloromethane	ug/L	<0.81	50	50	48.5	49.4	97	99	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.99	50	50	32.1	32.9	64	66	10-157	2	20	
Ethylbenzene	ug/L	<0.54	50	50	56.2	57.5	112	115	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L				56.3	58.2				3	20	
m&p-Xylene	ug/L		100	100	112	116	112	116	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<0.61	50	50	51.2	52.6	102	105	59-141	3	20	
Methylene Chloride	ug/L	<0.43	50	50	54.2	55.3	108	111	70-130	2	20	
o-Xylene	ug/L		50	50	56.9	58.3	114	117	70-130	2	20	
Styrene	ug/L	<0.86	50	50	52.9	54.3	106	109	35-164	3	20	
Tetrachloroethene	ug/L	<0.45	50	50	52.9	54.3	106	109	70-130	3	20	
Toluene	ug/L	<0.67	50	50	54.4	55.9	109	112	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	55.5	57.4	111	115	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	48.4	49.9	97	100	55-137	3	20	
Trichloroethene	ug/L	<0.48	50	50	57.6	59.5	115	119	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.79	50	50	53.8	55.4	108	111	50-150	3	20	
Vinyl chloride	ug/L	<0.18	50	50	49.5	51.7	99	103	59-144	4	20	
4-Bromofluorobenzene (S)	%						102	103	43-137			
Dibromofluoromethane (S)	%						103	104	70-130			
Toluene-d8 (S)	%						97	98	55-137			

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QUALIFIERS

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 15807.4 K+W MANUFACTURING
Pace Project No.: 4075576

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4075576001	MW-1	EPA 8260	MSV/19033		
4075576002	MW-2	EPA 8260	MSV/19033		
4075576003	MW-3	EPA 8260	MSV/19033		
4075576004	MW-4	EPA 8260	MSV/19033		
4075576005	MW-5	EPA 8260	MSV/19033		
4075576006	MW-6	EPA 8260	MSV/19033		
4075576007	MW-7	EPA 8260	MSV/19033		
4075576008	MW-8	EPA 8260	MSV/19033		
4075576009	MW-10	EPA 8260	MSV/19033		
4075576010	MW-12	EPA 8260	MSV/19033		
4075576011	MW-13	EPA 8260	MSV/19033		
4075576012	PZ-2	EPA 8260	MSV/19033		
4075576013	DUPLICATE	EPA 8260	MSV/19033		
4075576014	TRIP BLANK	EPA 8260	MSV/19033		

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April 10, 2013

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

RE: Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

Dear Rich Gnat:
Enclosed are the analytical results for sample(s) received by the laboratory on April 03, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky

dan.milewsky@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

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

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SAMPLE SUMMARY

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4075769001	MW-9	Water	04/02/13 09:40	04/03/13 10:10

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SAMPLE ANALYTE COUNT

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4075769001	MW-9	EPA 8260	HNW	64	PASI-G

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ANALYTICAL RESULTS

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

Sample: MW-9 **Lab ID: 4075769001** Collected: 04/02/13 09:40 Received: 04/03/13 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<820**	ug/L	2000	820	2000		04/08/13 19:07	71-43-2	
Bromobenzene	**<1640**	ug/L	2000	1640	2000		04/08/13 19:07	108-86-1	
Bromochloromethane	**<1940**	ug/L	2000	1940	2000		04/08/13 19:07	74-97-5	
Bromodichloromethane	**<1120**	ug/L	2000	1120	2000		04/08/13 19:07	75-27-4	
Bromoform	**<1880**	ug/L	2000	1880	2000		04/08/13 19:07	75-25-2	
Bromomethane	**<1820**	ug/L	2000	1820	2000		04/08/13 19:07	74-83-9	
n-Butylbenzene	**<1860**	ug/L	2000	1860	2000		04/08/13 19:07	104-51-8	
sec-Butylbenzene	**<1780**	ug/L	10000	1780	2000		04/08/13 19:07	135-98-8	
tert-Butylbenzene	**<1940**	ug/L	2000	1940	2000		04/08/13 19:07	98-06-6	
Carbon tetrachloride	**<980**	ug/L	2000	980	2000		04/08/13 19:07	56-23-5	
Chlorobenzene	**<820**	ug/L	2000	820	2000		04/08/13 19:07	108-90-7	
Chloroethane	**<1940**	ug/L	2000	1940	2000		04/08/13 19:07	75-00-3	
Chloroform	**<2600**	ug/L	10000	2600	2000		04/08/13 19:07	67-66-3	
Chloromethane	**<480**	ug/L	2000	480	2000		04/08/13 19:07	74-87-3	
2-Chlorotoluene	**<1700**	ug/L	2000	1700	2000		04/08/13 19:07	95-49-8	
4-Chlorotoluene	**<1480**	ug/L	2000	1480	2000		04/08/13 19:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<3360**	ug/L	10000	3360	2000		04/08/13 19:07	96-12-8	
Dibromochloromethane	**<1620**	ug/L	2000	1620	2000		04/08/13 19:07	124-48-1	
1,2-Dibromoethane (EDB)	**<1120**	ug/L	2000	1120	2000		04/08/13 19:07	106-93-4	
Dibromomethane	**<1200**	ug/L	2000	1200	2000		04/08/13 19:07	74-95-3	
1,2-Dichlorobenzene	**<1660**	ug/L	2000	1660	2000		04/08/13 19:07	95-50-1	
1,3-Dichlorobenzene	**<1740**	ug/L	2000	1740	2000		04/08/13 19:07	541-73-1	
1,4-Dichlorobenzene	**<1900**	ug/L	2000	1900	2000		04/08/13 19:07	106-46-7	
Dichlorodifluoromethane	**<1980**	ug/L	2000	1980	2000		04/08/13 19:07	75-71-8	
1,1-Dichloroethane	**<1500**	ug/L	2000	1500	2000		04/08/13 19:07	75-34-3	
1,2-Dichloroethane	**<720**	ug/L	2000	720	2000		04/08/13 19:07	107-06-2	
1,1-Dichloroethene	**<1140**	ug/L	2000	1140	2000		04/08/13 19:07	75-35-4	
cis-1,2-Dichloroethene	**200000**	ug/L	2000	1660	2000		04/08/13 19:07	156-59-2	
trans-1,2-Dichloroethene	**15300**	ug/L	2000	1780	2000		04/08/13 19:07	156-60-5	
1,2-Dichloropropane	**<980**	ug/L	2000	980	2000		04/08/13 19:07	78-87-5	
1,3-Dichloropropane	**<1220**	ug/L	2000	1220	2000		04/08/13 19:07	142-28-9	
2,2-Dichloropropane	**<1240**	ug/L	2000	1240	2000		04/08/13 19:07	594-20-7	
1,1-Dichloropropene	**<1500**	ug/L	2000	1500	2000		04/08/13 19:07	563-58-6	
cis-1,3-Dichloropropene	**<400**	ug/L	2000	400	2000		04/08/13 19:07	10061-01-5	
trans-1,3-Dichloropropene	**<380**	ug/L	2000	380	2000		04/08/13 19:07	10061-02-6	
Diisopropyl ether	**<1520**	ug/L	2000	1520	2000		04/08/13 19:07	108-20-3	
Ethylbenzene	**<1080**	ug/L	2000	1080	2000		04/08/13 19:07	100-41-4	
Hexachloro-1,3-butadiene	**<1340**	ug/L	10000	1340	2000		04/08/13 19:07	87-68-3	
Isopropylbenzene (Cumene)	**<1180**	ug/L	2000	1180	2000		04/08/13 19:07	98-82-8	
p-Isopropyltoluene	**<1340**	ug/L	2000	1340	2000		04/08/13 19:07	99-87-6	
Methylene Chloride	**<860**	ug/L	2000	860	2000		04/08/13 19:07	75-09-2	
Methyl-tert-butyl ether	**<1220**	ug/L	2000	1220	2000		04/08/13 19:07	1634-04-4	
Naphthalene	**<1780**	ug/L	10000	1780	2000		04/08/13 19:07	91-20-3	
n-Propylbenzene	**<1620**	ug/L	2000	1620	2000		04/08/13 19:07	103-65-1	
Styrene	**<1720**	ug/L	2000	1720	2000		04/08/13 19:07	100-42-5	
1,1,1,2-Tetrachloroethane	**<1840**	ug/L	2000	1840	2000		04/08/13 19:07	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

Sample: MW-9 **Lab ID: 4075769001** Collected: 04/02/13 09:40 Received: 04/03/13 10:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<400**	ug/L	2000	400	2000		04/08/13 19:07	79-34-5	
Tetrachloroethene	**1210J**	ug/L	2000	900	2000		04/08/13 19:07	127-18-4	
Toluene	**<1340**	ug/L	2000	1340	2000		04/08/13 19:07	108-88-3	
1,2,3-Trichlorobenzene	**<1480**	ug/L	2000	1480	2000		04/08/13 19:07	87-61-6	
1,2,4-Trichlorobenzene	**<1940**	ug/L	10000	1940	2000		04/08/13 19:07	120-82-1	
1,1,1-Trichloroethane	**<1800**	ug/L	2000	1800	2000		04/08/13 19:07	71-55-6	
1,1,2-Trichloroethane	**<840**	ug/L	2000	840	2000		04/08/13 19:07	79-00-5	
Trichloroethene	**<960**	ug/L	2000	960	2000		04/08/13 19:07	79-01-6	
Trichlorofluoromethane	**<1580**	ug/L	2000	1580	2000		04/08/13 19:07	75-69-4	
1,2,3-Trichloropropane	**<1980**	ug/L	2000	1980	2000		04/08/13 19:07	96-18-4	
1,2,4-Trimethylbenzene	**<1940**	ug/L	2000	1940	2000		04/08/13 19:07	95-63-6	
1,3,5-Trimethylbenzene	**<1660**	ug/L	2000	1660	2000		04/08/13 19:07	108-67-8	
Vinyl chloride	**43300**	ug/L	2000	360	2000		04/08/13 19:07	75-01-4	
m&p-Xylene	**<3600**	ug/L	4000	3600	2000		04/08/13 19:07	179601-23-1	
o-Xylene	**<1660**	ug/L	2000	1660	2000		04/08/13 19:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		2000		04/08/13 19:07	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		2000		04/08/13 19:07	1868-53-7	
Toluene-d8 (S)	100	%	55-137		2000		04/08/13 19:07	2037-26-5	

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QUALITY CONTROL DATA

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

QC Batch: MSV/19072
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 4075769001

METHOD BLANK: 769052
Matrix: Water
Associated Lab Samples: 4075769001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	04/08/13 06:49	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	04/08/13 06:49	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	04/08/13 06:49	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	04/08/13 06:49	
1,1-Dichloroethane	ug/L	<0.75	1.0	04/08/13 06:49	
1,1-Dichloroethene	ug/L	<0.57	1.0	04/08/13 06:49	
1,1-Dichloropropene	ug/L	<0.75	1.0	04/08/13 06:49	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	04/08/13 06:49	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	04/08/13 06:49	
1,2,4-Trichlorobenzene	ug/L	<0.97	5.0	04/08/13 06:49	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	04/08/13 06:49	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	04/08/13 06:49	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	04/08/13 06:49	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	04/08/13 06:49	
1,2-Dichloroethane	ug/L	<0.36	1.0	04/08/13 06:49	
1,2-Dichloropropane	ug/L	<0.49	1.0	04/08/13 06:49	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	04/08/13 06:49	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	04/08/13 06:49	
1,3-Dichloropropane	ug/L	<0.61	1.0	04/08/13 06:49	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	04/08/13 06:49	
2,2-Dichloropropane	ug/L	<0.62	1.0	04/08/13 06:49	
2-Chlorotoluene	ug/L	<0.85	1.0	04/08/13 06:49	
4-Chlorotoluene	ug/L	<0.74	1.0	04/08/13 06:49	
Benzene	ug/L	<0.41	1.0	04/08/13 06:49	
Bromobenzene	ug/L	<0.82	1.0	04/08/13 06:49	
Bromochloromethane	ug/L	<0.97	1.0	04/08/13 06:49	
Bromodichloromethane	ug/L	<0.56	1.0	04/08/13 06:49	
Bromoform	ug/L	<0.94	1.0	04/08/13 06:49	
Bromomethane	ug/L	<0.91	1.0	04/08/13 06:49	
Carbon tetrachloride	ug/L	<0.49	1.0	04/08/13 06:49	
Chlorobenzene	ug/L	<0.41	1.0	04/08/13 06:49	
Chloroethane	ug/L	<0.97	1.0	04/08/13 06:49	
Chloroform	ug/L	<1.3	5.0	04/08/13 06:49	
Chloromethane	ug/L	<0.24	1.0	04/08/13 06:49	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	04/08/13 06:49	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	04/08/13 06:49	
Dibromochloromethane	ug/L	<0.81	1.0	04/08/13 06:49	
Dibromomethane	ug/L	<0.60	1.0	04/08/13 06:49	
Dichlorodifluoromethane	ug/L	<0.99	1.0	04/08/13 06:49	
Diisopropyl ether	ug/L	<0.76	1.0	04/08/13 06:49	
Ethylbenzene	ug/L	<0.54	1.0	04/08/13 06:49	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	04/08/13 06:49	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	04/08/13 06:49	

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QUALITY CONTROL DATA

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

METHOD BLANK: 769052 Matrix: Water

Associated Lab Samples: 4075769001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.8	2.0	04/08/13 06:49	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	04/08/13 06:49	
Methylene Chloride	ug/L	<0.43	1.0	04/08/13 06:49	
n-Butylbenzene	ug/L	<0.93	1.0	04/08/13 06:49	
n-Propylbenzene	ug/L	<0.81	1.0	04/08/13 06:49	
Naphthalene	ug/L	<0.89	5.0	04/08/13 06:49	
o-Xylene	ug/L	<0.83	1.0	04/08/13 06:49	
p-Isopropyltoluene	ug/L	<0.67	1.0	04/08/13 06:49	
sec-Butylbenzene	ug/L	<0.89	5.0	04/08/13 06:49	
Styrene	ug/L	<0.86	1.0	04/08/13 06:49	
tert-Butylbenzene	ug/L	<0.97	1.0	04/08/13 06:49	
Tetrachloroethene	ug/L	<0.45	1.0	04/08/13 06:49	
Toluene	ug/L	<0.67	1.0	04/08/13 06:49	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	04/08/13 06:49	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	04/08/13 06:49	
Trichloroethene	ug/L	<0.48	1.0	04/08/13 06:49	
Trichlorofluoromethane	ug/L	<0.79	1.0	04/08/13 06:49	
Vinyl chloride	ug/L	<0.18	1.0	04/08/13 06:49	
4-Bromofluorobenzene (S)	%	98	43-137	04/08/13 06:49	
Dibromofluoromethane (S)	%	98	70-130	04/08/13 06:49	
Toluene-d8 (S)	%	99	55-137	04/08/13 06:49	

LABORATORY CONTROL SAMPLE & LCSD: 769053 769054

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	52.2	51.9	104	104	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	52.4	51.2	105	102	70-130	2	20	
1,1,2-Trichloroethane	ug/L	50	55.1	53.4	110	107	70-130	3	20	
1,1-Dichloroethane	ug/L	50	51.3	49.8	103	100	70-146	3	20	
1,1-Dichloroethene	ug/L	50	51.0	49.6	102	99	70-130	3	20	
1,2,4-Trichlorobenzene	ug/L	50	52.3	51.5	105	103	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	46.7	46.2	93	92	46-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	50	55.1	54.1	110	108	70-130	2	20	
1,2-Dichlorobenzene	ug/L	50	52.1	51.0	104	102	70-130	2	20	
1,2-Dichloroethane	ug/L	50	53.5	51.7	107	103	70-144	3	20	
1,2-Dichloropropane	ug/L	50	53.6	53.3	107	107	70-136	1	20	
1,3-Dichlorobenzene	ug/L	50	51.5	50.7	103	101	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	51.9	50.6	104	101	70-130	3	20	
Benzene	ug/L	50	53.3	51.8	107	104	70-137	3	20	
Bromodichloromethane	ug/L	50	55.7	54.5	111	109	70-133	2	20	
Bromoform	ug/L	50	49.3	48.5	99	97	59-130	2	20	
Bromomethane	ug/L	50	39.4	41.3	79	83	41-148	5	20	
Carbon tetrachloride	ug/L	50	53.6	52.7	107	105	70-154	2	20	
Chlorobenzene	ug/L	50	54.1	52.7	108	105	70-130	3	20	
Chloroethane	ug/L	50	48.5	47.1	97	94	70-139	3	20	

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QUALITY CONTROL DATA

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

LABORATORY CONTROL SAMPLE & LCSD: 769053 769054

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	49.1	52.4	98	105	70-130	6	20	
Chloromethane	ug/L	50	41.3	40.6	83	81	45-154	2	20	
cis-1,2-Dichloroethene	ug/L	50	51.3	49.8	103	100	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	50	45.7	45.0	91	90	70-136	2	20	
Dibromochloromethane	ug/L	50	51.5	50.5	103	101	70-130	2	20	
Dichlorodifluoromethane	ug/L	50	32.9	33.2	66	66	20-157	1	20	
Ethylbenzene	ug/L	50	56.1	55.0	112	110	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	50	56.0	55.3	112	111	70-130	1	20	
m&p-Xylene	ug/L	100	113	110	113	110	70-130	3	20	
Methyl-tert-butyl ether	ug/L	50	47.3	46.0	95	92	59-141	3	20	
Methylene Chloride	ug/L	50	50.6	49.0	101	98	70-130	3	20	
o-Xylene	ug/L	50	56.5	54.9	113	110	70-130	3	20	
Styrene	ug/L	50	56.6	55.2	113	110	70-130	2	20	
Tetrachloroethene	ug/L	50	53.4	52.7	107	105	70-130	1	20	
Toluene	ug/L	50	55.6	53.7	111	107	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	50	51.4	50.2	103	100	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	50	50.0	48.8	100	98	55-135	3	20	
Trichloroethene	ug/L	50	55.6	54.2	111	108	70-130	3	20	
Trichlorofluoromethane	ug/L	50	47.9	47.5	96	95	50-150	1	20	
Vinyl chloride	ug/L	50	44.8	44.8	90	90	61-143	0	20	
4-Bromofluorobenzene (S)	%				103	103	43-137			
Dibromofluoromethane (S)	%				100	99	70-130			
Toluene-d8 (S)	%				101	101	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 769055 769056

Parameter	Units	4075743002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.90	50	50	52.5	53.7	105	107	70-136	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	49.9	53.4	100	107	70-130	7	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	53.3	54.6	107	109	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	51.0	51.7	102	103	70-146	1	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	51.0	51.7	102	103	70-130	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.97	50	50	53.1	51.2	106	102	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	50	50	48.0	49.7	96	99	46-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.56	50	50	53.9	54.7	108	109	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.83	50	50	51.9	52.3	104	105	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	52.5	53.3	105	107	70-146	2	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	54.3	54.7	109	109	70-136	1	20	
1,3-Dichlorobenzene	ug/L	<0.87	50	50	50.8	51.6	102	103	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.95	50	50	50.7	51.0	101	102	70-130	1	20	
Benzene	ug/L	<0.41	50	50	52.8	53.8	105	107	70-137	2	20	
Bromodichloromethane	ug/L	<0.56	50	50	55.4	56.3	111	113	70-133	2	20	
Bromoform	ug/L	<0.94	50	50	48.2	49.7	96	99	57-130	3	20	
Bromomethane	ug/L	<0.91	50	50	44.2	44.2	88	88	41-148	0	20	
Carbon tetrachloride	ug/L	<0.49	50	50	53.5	55.2	107	110	70-154	3	20	
Chlorobenzene	ug/L	<0.41	50	50	53.3	53.5	107	107	70-130	0	20	

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QUALITY CONTROL DATA

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 769055 769056

Parameter	Units	4075743002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.97	50	50	48.7	49.3	97	99	70-140	1	20	
Chloroform	ug/L	<1.3	50	50	53.2	53.8	106	108	70-130	1	20	
Chloromethane	ug/L	<0.24	50	50	42.4	42.3	85	85	45-154	0	20	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	50.8	51.2	101	102	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.20	50	50	46.3	46.9	93	94	70-136	1	20	
Dibromochloromethane	ug/L	<0.81	50	50	49.8	51.0	100	102	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.99	50	50	34.1	34.2	68	68	10-157	0	20	
Ethylbenzene	ug/L	<0.54	50	50	55.4	55.6	110	111	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	<0.59	50	50	55.6	55.8	111	112	70-130	0	20	
m&p-Xylene	ug/L	<1.8	100	100	112	112	111	112	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<0.61	50	50	45.5	47.0	91	94	59-141	3	20	
Methylene Chloride	ug/L	<0.43	50	50	50.9	51.0	102	102	70-130	0	20	
o-Xylene	ug/L	<0.83	50	50	55.9	55.7	112	111	70-130	0	20	
Styrene	ug/L	<0.86	50	50	55.9	55.6	112	111	35-164	1	20	
Tetrachloroethene	ug/L	<0.45	50	50	53.6	54.0	107	108	70-130	1	20	
Toluene	ug/L	<0.67	50	50	55.3	55.1	110	109	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	51.4	52.1	103	104	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<0.19	50	50	49.0	50.7	98	101	55-137	3	20	
Trichloroethene	ug/L	<0.48	50	50	54.9	55.3	110	111	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.79	50	50	48.6	50.0	97	100	50-150	3	20	
Vinyl chloride	ug/L	<0.18	50	50	46.0	46.1	92	92	59-144	0	20	
4-Bromofluorobenzene (S)	%						103	101	43-137			
Dibromofluoromethane (S)	%						98	99	70-130			
Toluene-d8 (S)	%						100	100	55-137			

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QUALIFIERS

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 15807.4 K&W MANUFACTURING
Pace Project No.: 4075769

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4075769001	**MW-9**	EPA 8260	MSV/19072		

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August 05, 2013

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

RE: Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Dear Rich Gnat:
Enclosed are the analytical results for sample(s) received by the laboratory on August 01, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky

dan.milewsky@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4082079001	MW-1	Water	07/30/13 13:40	08/01/13 09:40
4082079002	MW-2	Water	07/30/13 14:25	08/01/13 09:40
4082079003	MW-3	Water	07/30/13 13:28	08/01/13 09:40
4082079004	MW-4	Water	07/31/13 09:05	08/01/13 09:40
4082079005	MW-5	Water	07/30/13 15:50	08/01/13 09:40
4082079006	MW-6	Water	07/30/13 15:20	08/01/13 09:40
4082079007	MW-7	Water	07/31/13 08:50	08/01/13 09:40
4082079008	MW-8	Water	07/30/13 11:34	08/01/13 09:40
4082079009	MW-9	Water	07/31/13 09:50	08/01/13 09:40
4082079010	MW-10	Water	07/30/13 10:08	08/01/13 09:40
4082079011	MW-11	Water	07/30/13 09:40	08/01/13 09:40
4082079012	MW-12	Water	07/30/13 09:10	08/01/13 09:40
4082079013	MW-13	Water	07/30/13 11:15	08/01/13 09:40
4082079014	DUPLICATE	Water	07/30/13 00:00	08/01/13 09:40
4082079015	TRIP BLANK	Water	07/30/13 00:00	08/01/13 09:40
4082079016	PZ-2	Water	07/30/13 15:04	08/01/13 09:40

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SAMPLE ANALYTE COUNT

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4082079001	MW-1	EPA 8260	HNW	64	PASI-G
4082079002	MW-2	EPA 8260	HNW	64	PASI-G
4082079003	MW-3	EPA 8260	HNW	64	PASI-G
4082079004	MW-4	EPA 8260	HNW	64	PASI-G
4082079005	MW-5	EPA 8260	HNW	64	PASI-G
4082079006	MW-6	EPA 8260	HNW	64	PASI-G
4082079007	MW-7	EPA 8260	HNW	64	PASI-G
4082079008	MW-8	EPA 8260	HNW	64	PASI-G
4082079009	MW-9	EPA 8260	HNW	64	PASI-G
4082079010	MW-10	EPA 8260	HNW	64	PASI-G
4082079011	MW-11	EPA 8260	HNW	64	PASI-G
4082079012	MW-12	EPA 8260	HNW	64	PASI-G
4082079013	MW-13	EPA 8260	HNW	64	PASI-G
4082079014	DUPLICATE	EPA 8260	HNW	64	PASI-G
4082079015	TRIP BLANK	EPA 8260	HNW	64	PASI-G
4082079016	PZ-2	EPA 8260	HNW	64	PASI-G

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HITS ONLY

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
4082079001	**MW-1**					
EPA 8260	cis-1,2-Dichloroethene	658	ug/L	10.0	08/02/13 16:49	
EPA 8260	trans-1,2-Dichloroethene	42.7	ug/L	10.0	08/02/13 16:49	
EPA 8260	Vinyl chloride	1970	ug/L	10.0	08/02/13 16:49	
4082079002	**MW-2**					
EPA 8260	cis-1,2-Dichloroethene	436	ug/L	5.0	08/02/13 17:34	
EPA 8260	trans-1,2-Dichloroethene	7.3	ug/L	5.0	08/02/13 17:34	
EPA 8260	Vinyl chloride	268	ug/L	5.0	08/02/13 17:34	
4082079003	**MW-3**					
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	08/02/13 09:19	
EPA 8260	Tetrachloroethene	31.1	ug/L	1.0	08/02/13 09:19	
EPA 8260	Trichloroethene	4.4	ug/L	1.0	08/02/13 09:19	
EPA 8260	Vinyl chloride	0.62J	ug/L	1.0	08/02/13 09:19	
4082079004	**MW-4**					
EPA 8260	cis-1,2-Dichloroethene	2530	ug/L	400	08/02/13 11:57	
EPA 8260	Tetrachloroethene	40800	ug/L	400	08/02/13 11:57	
EPA 8260	Trichloroethene	1750	ug/L	400	08/02/13 11:57	
EPA 8260	Vinyl chloride	120J	ug/L	400	08/02/13 11:57	
4082079005	**MW-5**					
EPA 8260	cis-1,2-Dichloroethene	5260	ug/L	100	08/02/13 11:12	
EPA 8260	trans-1,2-Dichloroethene	127	ug/L	100	08/02/13 11:12	
EPA 8260	Tetrachloroethene	16400	ug/L	100	08/02/13 11:12	
EPA 8260	Trichloroethene	828	ug/L	100	08/02/13 11:12	
EPA 8260	Vinyl chloride	345	ug/L	100	08/02/13 11:12	
4082079006	**MW-6**					
EPA 8260	cis-1,2-Dichloroethene	46400	ug/L	200	08/02/13 11:34	
EPA 8260	trans-1,2-Dichloroethene	3220	ug/L	200	08/02/13 11:34	
EPA 8260	Vinyl chloride	20200	ug/L	200	08/02/13 11:34	
4082079007	**MW-7**					
EPA 8260	Chloroethane	2.6J	ug/L	4.0	08/02/13 12:42	
EPA 8260	cis-1,2-Dichloroethene	253	ug/L	4.0	08/02/13 12:42	
EPA 8260	trans-1,2-Dichloroethene	10.3	ug/L	4.0	08/02/13 12:42	
EPA 8260	Tetrachloroethene	32.0	ug/L	4.0	08/02/13 12:42	
EPA 8260	Trichloroethene	19.0	ug/L	4.0	08/02/13 12:42	
EPA 8260	Vinyl chloride	52.3	ug/L	4.0	08/02/13 12:42	
4082079008	**MW-8**					
EPA 8260	cis-1,2-Dichloroethene	3.0	ug/L	1.0	08/02/13 09:42	
4082079009	**MW-9**					
EPA 8260	cis-1,2-Dichloroethene	28300	ug/L	2000	08/02/13 12:20	
EPA 8260	trans-1,2-Dichloroethene	2580	ug/L	2000	08/02/13 12:20	
EPA 8260	Vinyl chloride	98800	ug/L	2000	08/02/13 12:20	
4082079010	**MW-10**					
EPA 8260	cis-1,2-Dichloroethene	12.3	ug/L	1.0	08/02/13 10:04	

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HITS ONLY

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
4082079010	**MW-10**					
EPA 8260	trans-1,2-Dichloroethene	1.0J	ug/L	1.0	08/02/13 10:04	
EPA 8260	Trichloroethene	1.7	ug/L	1.0	08/02/13 10:04	
4082079016	**PZ-2**					
EPA 8260	cis-1,2-Dichloroethene	26.3	ug/L	1.0	08/02/13 15:19	
EPA 8260	trans-1,2-Dichloroethene	1.8	ug/L	1.0	08/02/13 15:19	
EPA 8260	Tetrachloroethene	1.7	ug/L	1.0	08/02/13 15:19	
EPA 8260	Trichloroethene	1.6	ug/L	1.0	08/02/13 15:19	
EPA 8260	Vinyl chloride	9.4	ug/L	1.0	08/02/13 15:19	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-1 **Lab ID: 4082079001** Collected: 07/30/13 13:40 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<5.0**	ug/L	10.0	5.0	10		08/02/13 16:49	71-43-2	
Bromobenzene	**<4.8**	ug/L	10.0	4.8	10		08/02/13 16:49	108-86-1	
Bromochloromethane	**<4.9**	ug/L	10.0	4.9	10		08/02/13 16:49	74-97-5	
Bromodichloromethane	**<4.5**	ug/L	10.0	4.5	10		08/02/13 16:49	75-27-4	
Bromoform	**<2.3**	ug/L	10.0	2.3	10		08/02/13 16:49	75-25-2	
Bromomethane	**<4.3**	ug/L	50.0	4.3	10		08/02/13 16:49	74-83-9	
n-Butylbenzene	**<4.0**	ug/L	10.0	4.0	10		08/02/13 16:49	104-51-8	
sec-Butylbenzene	**<6.0**	ug/L	50.0	6.0	10		08/02/13 16:49	135-98-8	
tert-Butylbenzene	**<4.2**	ug/L	10.0	4.2	10		08/02/13 16:49	98-06-6	
Carbon tetrachloride	**<3.7**	ug/L	10.0	3.7	10		08/02/13 16:49	56-23-5	
Chlorobenzene	**<3.6**	ug/L	10.0	3.6	10		08/02/13 16:49	108-90-7	
Chloroethane	**<4.4**	ug/L	10.0	4.4	10		08/02/13 16:49	75-00-3	
Chloroform	**<6.9**	ug/L	50.0	6.9	10		08/02/13 16:49	67-66-3	
Chloromethane	**<3.9**	ug/L	10.0	3.9	10		08/02/13 16:49	74-87-3	
2-Chlorotoluene	**<4.8**	ug/L	10.0	4.8	10		08/02/13 16:49	95-49-8	
4-Chlorotoluene	**<4.8**	ug/L	10.0	4.8	10		08/02/13 16:49	106-43-4	
1,2-Dibromo-3-chloropropane	**<15.0**	ug/L	50.0	15.0	10		08/02/13 16:49	96-12-8	
Dibromochloromethane	**<19.0**	ug/L	50.0	19.0	10		08/02/13 16:49	124-48-1	
1,2-Dibromoethane (EDB)	**<3.8**	ug/L	10.0	3.8	10		08/02/13 16:49	106-93-4	
Dibromomethane	**<4.8**	ug/L	10.0	4.8	10		08/02/13 16:49	74-95-3	
1,2-Dichlorobenzene	**<4.4**	ug/L	10.0	4.4	10		08/02/13 16:49	95-50-1	
1,3-Dichlorobenzene	**<4.5**	ug/L	10.0	4.5	10		08/02/13 16:49	541-73-1	
1,4-Dichlorobenzene	**<4.3**	ug/L	10.0	4.3	10		08/02/13 16:49	106-46-7	
Dichlorodifluoromethane	**<4.0**	ug/L	10.0	4.0	10		08/02/13 16:49	75-71-8	
1,1-Dichloroethane	**<2.8**	ug/L	10.0	2.8	10		08/02/13 16:49	75-34-3	
1,2-Dichloroethane	**<4.8**	ug/L	10.0	4.8	10		08/02/13 16:49	107-06-2	
1,1-Dichloroethene	**<4.3**	ug/L	10.0	4.3	10		08/02/13 16:49	75-35-4	
cis-1,2-Dichloroethene	**658**	ug/L	10.0	4.2	10		08/02/13 16:49	156-59-2	
trans-1,2-Dichloroethene	**42.7**	ug/L	10.0	3.7	10		08/02/13 16:49	156-60-5	
1,2-Dichloropropane	**<5.0**	ug/L	10.0	5.0	10		08/02/13 16:49	78-87-5	
1,3-Dichloropropane	**<4.6**	ug/L	10.0	4.6	10		08/02/13 16:49	142-28-9	
2,2-Dichloropropane	**<3.7**	ug/L	10.0	3.7	10		08/02/13 16:49	594-20-7	
1,1-Dichloropropene	**<5.1**	ug/L	10.0	5.1	10		08/02/13 16:49	563-58-6	
cis-1,3-Dichloropropene	**<2.9**	ug/L	10.0	2.9	10		08/02/13 16:49	10061-01-5	
trans-1,3-Dichloropropene	**<2.6**	ug/L	10.0	2.6	10		08/02/13 16:49	10061-02-6	
Diisopropyl ether	**<5.0**	ug/L	10.0	5.0	10		08/02/13 16:49	108-20-3	
Ethylbenzene	**<5.0**	ug/L	10.0	5.0	10		08/02/13 16:49	100-41-4	
Hexachloro-1,3-butadiene	**<12.6**	ug/L	50.0	12.6	10		08/02/13 16:49	87-68-3	
Isopropylbenzene (Cumene)	**<3.4**	ug/L	10.0	3.4	10		08/02/13 16:49	98-82-8	
p-Isopropyltoluene	**<4.0**	ug/L	10.0	4.0	10		08/02/13 16:49	99-87-6	
Methylene Chloride	**<3.6**	ug/L	10.0	3.6	10		08/02/13 16:49	75-09-2	
Methyl-tert-butyl ether	**<4.9**	ug/L	10.0	4.9	10		08/02/13 16:49	1634-04-4	
Naphthalene	**<25.0**	ug/L	50.0	25.0	10		08/02/13 16:49	91-20-3	
n-Propylbenzene	**<5.0**	ug/L	10.0	5.0	10		08/02/13 16:49	103-65-1	
Styrene	**<3.5**	ug/L	10.0	3.5	10		08/02/13 16:49	100-42-5	
1,1,1,2-Tetrachloroethane	**<4.5**	ug/L	10.0	4.5	10		08/02/13 16:49	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-1 **Lab ID: 4082079001** Collected: 07/30/13 13:40 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<3.8**	ug/L	10.0	3.8	10		08/02/13 16:49	79-34-5	
Tetrachloroethene	**<4.7**	ug/L	10.0	4.7	10		08/02/13 16:49	127-18-4	
Toluene	**<4.4**	ug/L	10.0	4.4	10		08/02/13 16:49	108-88-3	
1,2,3-Trichlorobenzene	**<7.7**	ug/L	50.0	7.7	10		08/02/13 16:49	87-61-6	
1,2,4-Trichlorobenzene	**<25.0**	ug/L	50.0	25.0	10		08/02/13 16:49	120-82-1	
1,1,1-Trichloroethane	**<4.4**	ug/L	10.0	4.4	10		08/02/13 16:49	71-55-6	
1,1,2-Trichloroethane	**<3.9**	ug/L	10.0	3.9	10		08/02/13 16:49	79-00-5	
Trichloroethene	**<4.3**	ug/L	10.0	4.3	10		08/02/13 16:49	79-01-6	
Trichlorofluoromethane	**<4.8**	ug/L	10.0	4.8	10		08/02/13 16:49	75-69-4	
1,2,3-Trichloropropane	**<4.7**	ug/L	10.0	4.7	10		08/02/13 16:49	96-18-4	
1,2,4-Trimethylbenzene	**<5.7**	ug/L	50.0	5.7	10		08/02/13 16:49	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/L	50.0	25.0	10		08/02/13 16:49	108-67-8	
Vinyl chloride	**1970**	ug/L	10.0	1.8	10		08/02/13 16:49	75-01-4	
m&p-Xylene	**<8.2**	ug/L	20.0	8.2	10		08/02/13 16:49	179601-23-1	
o-Xylene	**<5.0**	ug/L	10.0	5.0	10		08/02/13 16:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	43-137		10		08/02/13 16:49	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		10		08/02/13 16:49	1868-53-7	
Toluene-d8 (S)	97	%	55-137		10		08/02/13 16:49	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-2 **Lab ID: 4082079002** Collected: 07/30/13 14:25 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<2.5**	ug/L	5.0	2.5	5		08/02/13 17:34	71-43-2	
Bromobenzene	**<2.4**	ug/L	5.0	2.4	5		08/02/13 17:34	108-86-1	
Bromochloromethane	**<2.5**	ug/L	5.0	2.5	5		08/02/13 17:34	74-97-5	
Bromodichloromethane	**<2.3**	ug/L	5.0	2.3	5		08/02/13 17:34	75-27-4	
Bromoform	**<1.2**	ug/L	5.0	1.2	5		08/02/13 17:34	75-25-2	
Bromomethane	**<2.1**	ug/L	25.0	2.1	5		08/02/13 17:34	74-83-9	
n-Butylbenzene	**<2.0**	ug/L	5.0	2.0	5		08/02/13 17:34	104-51-8	
sec-Butylbenzene	**<3.0**	ug/L	25.0	3.0	5		08/02/13 17:34	135-98-8	
tert-Butylbenzene	**<2.1**	ug/L	5.0	2.1	5		08/02/13 17:34	98-06-6	
Carbon tetrachloride	**<1.8**	ug/L	5.0	1.8	5		08/02/13 17:34	56-23-5	
Chlorobenzene	**<1.8**	ug/L	5.0	1.8	5		08/02/13 17:34	108-90-7	
Chloroethane	**<2.2**	ug/L	5.0	2.2	5		08/02/13 17:34	75-00-3	
Chloroform	**<3.4**	ug/L	25.0	3.4	5		08/02/13 17:34	67-66-3	
Chloromethane	**<1.9**	ug/L	5.0	1.9	5		08/02/13 17:34	74-87-3	
2-Chlorotoluene	**<2.4**	ug/L	5.0	2.4	5		08/02/13 17:34	95-49-8	
4-Chlorotoluene	**<2.4**	ug/L	5.0	2.4	5		08/02/13 17:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<7.5**	ug/L	25.0	7.5	5		08/02/13 17:34	96-12-8	
Dibromochloromethane	**<9.5**	ug/L	25.0	9.5	5		08/02/13 17:34	124-48-1	
1,2-Dibromoethane (EDB)	**<1.9**	ug/L	5.0	1.9	5		08/02/13 17:34	106-93-4	
Dibromomethane	**<2.4**	ug/L	5.0	2.4	5		08/02/13 17:34	74-95-3	
1,2-Dichlorobenzene	**<2.2**	ug/L	5.0	2.2	5		08/02/13 17:34	95-50-1	
1,3-Dichlorobenzene	**<2.3**	ug/L	5.0	2.3	5		08/02/13 17:34	541-73-1	
1,4-Dichlorobenzene	**<2.2**	ug/L	5.0	2.2	5		08/02/13 17:34	106-46-7	
Dichlorodifluoromethane	**<2.0**	ug/L	5.0	2.0	5		08/02/13 17:34	75-71-8	
1,1-Dichloroethane	**<1.4**	ug/L	5.0	1.4	5		08/02/13 17:34	75-34-3	
1,2-Dichloroethane	**<2.4**	ug/L	5.0	2.4	5		08/02/13 17:34	107-06-2	
1,1-Dichloroethene	**<2.1**	ug/L	5.0	2.1	5		08/02/13 17:34	75-35-4	
cis-1,2-Dichloroethene	**436**	ug/L	5.0	2.1	5		08/02/13 17:34	156-59-2	
trans-1,2-Dichloroethene	**7.3**	ug/L	5.0	1.9	5		08/02/13 17:34	156-60-5	
1,2-Dichloropropane	**<2.5**	ug/L	5.0	2.5	5		08/02/13 17:34	78-87-5	
1,3-Dichloropropane	**<2.3**	ug/L	5.0	2.3	5		08/02/13 17:34	142-28-9	
2,2-Dichloropropane	**<1.8**	ug/L	5.0	1.8	5		08/02/13 17:34	594-20-7	
1,1-Dichloropropene	**<2.5**	ug/L	5.0	2.5	5		08/02/13 17:34	563-58-6	
cis-1,3-Dichloropropene	**<1.5**	ug/L	5.0	1.5	5		08/02/13 17:34	10061-01-5	
trans-1,3-Dichloropropene	**<1.3**	ug/L	5.0	1.3	5		08/02/13 17:34	10061-02-6	
Diisopropyl ether	**<2.5**	ug/L	5.0	2.5	5		08/02/13 17:34	108-20-3	
Ethylbenzene	**<2.5**	ug/L	5.0	2.5	5		08/02/13 17:34	100-41-4	
Hexachloro-1,3-butadiene	**<6.3**	ug/L	25.0	6.3	5		08/02/13 17:34	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.0	1.7	5		08/02/13 17:34	98-82-8	
p-Isopropyltoluene	**<2.0**	ug/L	5.0	2.0	5		08/02/13 17:34	99-87-6	
Methylene Chloride	**<1.8**	ug/L	5.0	1.8	5		08/02/13 17:34	75-09-2	
Methyl-tert-butyl ether	**<2.5**	ug/L	5.0	2.5	5		08/02/13 17:34	1634-04-4	
Naphthalene	**<12.5**	ug/L	25.0	12.5	5		08/02/13 17:34	91-20-3	
n-Propylbenzene	**<2.5**	ug/L	5.0	2.5	5		08/02/13 17:34	103-65-1	
Styrene	**<1.7**	ug/L	5.0	1.7	5		08/02/13 17:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<2.3**	ug/L	5.0	2.3	5		08/02/13 17:34	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-2 **Lab ID: 4082079002** Collected: 07/30/13 14:25 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<1.9**	ug/L	5.0	1.9	5		08/02/13 17:34	79-34-5	
Tetrachloroethene	**<2.4**	ug/L	5.0	2.4	5		08/02/13 17:34	127-18-4	
Toluene	**<2.2**	ug/L	5.0	2.2	5		08/02/13 17:34	108-88-3	
1,2,3-Trichlorobenzene	**<3.8**	ug/L	25.0	3.8	5		08/02/13 17:34	87-61-6	
1,2,4-Trichlorobenzene	**<12.5**	ug/L	25.0	12.5	5		08/02/13 17:34	120-82-1	
1,1,1-Trichloroethane	**<2.2**	ug/L	5.0	2.2	5		08/02/13 17:34	71-55-6	
1,1,2-Trichloroethane	**<1.9**	ug/L	5.0	1.9	5		08/02/13 17:34	79-00-5	
Trichloroethene	**<2.1**	ug/L	5.0	2.1	5		08/02/13 17:34	79-01-6	
Trichlorofluoromethane	**<2.4**	ug/L	5.0	2.4	5		08/02/13 17:34	75-69-4	
1,2,3-Trichloropropane	**<2.3**	ug/L	5.0	2.3	5		08/02/13 17:34	96-18-4	
1,2,4-Trimethylbenzene	**<2.9**	ug/L	25.0	2.9	5		08/02/13 17:34	95-63-6	
1,3,5-Trimethylbenzene	**<12.5**	ug/L	25.0	12.5	5		08/02/13 17:34	108-67-8	
Vinyl chloride	**268**	ug/L	5.0	0.92	5		08/02/13 17:34	75-01-4	
m&p-Xylene	**<4.1**	ug/L	10.0	4.1	5		08/02/13 17:34	179601-23-1	
o-Xylene	**<2.5**	ug/L	5.0	2.5	5		08/02/13 17:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	43-137		5		08/02/13 17:34	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		5		08/02/13 17:34	1868-53-7	
Toluene-d8 (S)	97	%	55-137		5		08/02/13 17:34	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-3 **Lab ID: 4082079003** Collected: 07/30/13 13:28 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:19	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:19	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		08/02/13 09:19	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 09:19	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		08/02/13 09:19	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		08/02/13 09:19	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 09:19	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		08/02/13 09:19	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/02/13 09:19	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/02/13 09:19	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		08/02/13 09:19	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 09:19	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		08/02/13 09:19	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 09:19	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:19	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		08/02/13 09:19	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		08/02/13 09:19	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		08/02/13 09:19	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:19	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		08/02/13 09:19	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		08/02/13 09:19	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 09:19	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		08/02/13 09:19	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		08/02/13 09:19	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:19	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 09:19	75-35-4	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.42	1		08/02/13 09:19	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		08/02/13 09:19	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:19	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		08/02/13 09:19	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		08/02/13 09:19	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		08/02/13 09:19	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		08/02/13 09:19	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		08/02/13 09:19	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:19	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:19	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		08/02/13 09:19	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		08/02/13 09:19	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 09:19	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		08/02/13 09:19	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		08/02/13 09:19	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 09:19	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:19	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		08/02/13 09:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 09:19	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-3 **Lab ID: 4082079003** Collected: 07/30/13 13:28 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/02/13 09:19	79-34-5	
Tetrachloroethene	**31.1**	ug/L	1.0	0.47	1		08/02/13 09:19	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		08/02/13 09:19	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		08/02/13 09:19	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 09:19	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 09:19	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 09:19	79-00-5	
Trichloroethene	**4.4**	ug/L	1.0	0.43	1		08/02/13 09:19	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:19	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		08/02/13 09:19	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		08/02/13 09:19	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 09:19	108-67-8	
Vinyl chloride	**0.62J**	ug/L	1.0	0.18	1		08/02/13 09:19	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		08/02/13 09:19	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	43-137		1		08/02/13 09:19	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		08/02/13 09:19	1868-53-7	
Toluene-d8 (S)	96	%	55-137		1		08/02/13 09:19	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-4 **Lab ID: 4082079004** Collected: 07/31/13 09:05 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<200**	ug/L	400	200	400		08/02/13 11:57	71-43-2	
Bromobenzene	**<193**	ug/L	400	193	400		08/02/13 11:57	108-86-1	
Bromochloromethane	**<197**	ug/L	400	197	400		08/02/13 11:57	74-97-5	
Bromodichloromethane	**<181**	ug/L	400	181	400		08/02/13 11:57	75-27-4	
Bromoform	**<93.1**	ug/L	400	93.1	400		08/02/13 11:57	75-25-2	
Bromomethane	**<172**	ug/L	2000	172	400		08/02/13 11:57	74-83-9	
n-Butylbenzene	**<160**	ug/L	400	160	400		08/02/13 11:57	104-51-8	
sec-Butylbenzene	**<242**	ug/L	2000	242	400		08/02/13 11:57	135-98-8	
tert-Butylbenzene	**<170**	ug/L	400	170	400		08/02/13 11:57	98-06-6	
Carbon tetrachloride	**<146**	ug/L	400	146	400		08/02/13 11:57	56-23-5	
Chlorobenzene	**<143**	ug/L	400	143	400		08/02/13 11:57	108-90-7	
Chloroethane	**<177**	ug/L	400	177	400		08/02/13 11:57	75-00-3	
Chloroform	**<275**	ug/L	2000	275	400		08/02/13 11:57	67-66-3	
Chloromethane	**<155**	ug/L	400	155	400		08/02/13 11:57	74-87-3	
2-Chlorotoluene	**<191**	ug/L	400	191	400		08/02/13 11:57	95-49-8	
4-Chlorotoluene	**<193**	ug/L	400	193	400		08/02/13 11:57	106-43-4	
1,2-Dibromo-3-chloropropane	**<599**	ug/L	2000	599	400		08/02/13 11:57	96-12-8	
Dibromochloromethane	**<758**	ug/L	2000	758	400		08/02/13 11:57	124-48-1	
1,2-Dibromoethane (EDB)	**<152**	ug/L	400	152	400		08/02/13 11:57	106-93-4	
Dibromomethane	**<192**	ug/L	400	192	400		08/02/13 11:57	74-95-3	
1,2-Dichlorobenzene	**<175**	ug/L	400	175	400		08/02/13 11:57	95-50-1	
1,3-Dichlorobenzene	**<180**	ug/L	400	180	400		08/02/13 11:57	541-73-1	
1,4-Dichlorobenzene	**<174**	ug/L	400	174	400		08/02/13 11:57	106-46-7	
Dichlorodifluoromethane	**<160**	ug/L	400	160	400		08/02/13 11:57	75-71-8	
1,1-Dichloroethane	**<114**	ug/L	400	114	400		08/02/13 11:57	75-34-3	
1,2-Dichloroethane	**<191**	ug/L	400	191	400		08/02/13 11:57	107-06-2	
1,1-Dichloroethene	**<171**	ug/L	400	171	400		08/02/13 11:57	75-35-4	
cis-1,2-Dichloroethene	**2530**	ug/L	400	168	400		08/02/13 11:57	156-59-2	
trans-1,2-Dichloroethene	**<149**	ug/L	400	149	400		08/02/13 11:57	156-60-5	
1,2-Dichloropropane	**<199**	ug/L	400	199	400		08/02/13 11:57	78-87-5	
1,3-Dichloropropane	**<185**	ug/L	400	185	400		08/02/13 11:57	142-28-9	
2,2-Dichloropropane	**<148**	ug/L	400	148	400		08/02/13 11:57	594-20-7	
1,1-Dichloropropene	**<203**	ug/L	400	203	400		08/02/13 11:57	563-58-6	
cis-1,3-Dichloropropene	**<116**	ug/L	400	116	400		08/02/13 11:57	10061-01-5	
trans-1,3-Dichloropropene	**<105**	ug/L	400	105	400		08/02/13 11:57	10061-02-6	
Diisopropyl ether	**<200**	ug/L	400	200	400		08/02/13 11:57	108-20-3	
Ethylbenzene	**<200**	ug/L	400	200	400		08/02/13 11:57	100-41-4	
Hexachloro-1,3-butadiene	**<503**	ug/L	2000	503	400		08/02/13 11:57	87-68-3	
Isopropylbenzene (Cumene)	**<136**	ug/L	400	136	400		08/02/13 11:57	98-82-8	
p-Isopropyltoluene	**<159**	ug/L	400	159	400		08/02/13 11:57	99-87-6	
Methylene Chloride	**<143**	ug/L	400	143	400		08/02/13 11:57	75-09-2	
Methyl-tert-butyl ether	**<197**	ug/L	400	197	400		08/02/13 11:57	1634-04-4	
Naphthalene	**<1000**	ug/L	2000	1000	400		08/02/13 11:57	91-20-3	
n-Propylbenzene	**<200**	ug/L	400	200	400		08/02/13 11:57	103-65-1	
Styrene	**<140**	ug/L	400	140	400		08/02/13 11:57	100-42-5	
1,1,1,2-Tetrachloroethane	**<180**	ug/L	400	180	400		08/02/13 11:57	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-4 **Lab ID: 4082079004** Collected: 07/31/13 09:05 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<154**	ug/L	400	154	400		08/02/13 11:57	79-34-5	
Tetrachloroethene	**40800**	ug/L	400	189	400		08/02/13 11:57	127-18-4	
Toluene	**<175**	ug/L	400	175	400		08/02/13 11:57	108-88-3	
1,2,3-Trichlorobenzene	**<307**	ug/L	2000	307	400		08/02/13 11:57	87-61-6	
1,2,4-Trichlorobenzene	**<1000**	ug/L	2000	1000	400		08/02/13 11:57	120-82-1	
1,1,1-Trichloroethane	**<177**	ug/L	400	177	400		08/02/13 11:57	71-55-6	
1,1,2-Trichloroethane	**<156**	ug/L	400	156	400		08/02/13 11:57	79-00-5	
Trichloroethene	**1750**	ug/L	400	172	400		08/02/13 11:57	79-01-6	
Trichlorofluoromethane	**<191**	ug/L	400	191	400		08/02/13 11:57	75-69-4	
1,2,3-Trichloropropane	**<187**	ug/L	400	187	400		08/02/13 11:57	96-18-4	
1,2,4-Trimethylbenzene	**<229**	ug/L	2000	229	400		08/02/13 11:57	95-63-6	
1,3,5-Trimethylbenzene	**<1000**	ug/L	2000	1000	400		08/02/13 11:57	108-67-8	
Vinyl chloride	**120J**	ug/L	400	74.0	400		08/02/13 11:57	75-01-4	
m&p-Xylene	**<327**	ug/L	800	327	400		08/02/13 11:57	179601-23-1	
o-Xylene	**<200**	ug/L	400	200	400		08/02/13 11:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	43-137		400		08/02/13 11:57	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		400		08/02/13 11:57	1868-53-7	
Toluene-d8 (S)	96	%	55-137		400		08/02/13 11:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-5 **Lab ID: 4082079005** Collected: 07/30/13 15:50 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<50.0**	ug/L	100	50.0	100		08/02/13 11:12	71-43-2	
Bromobenzene	**<48.4**	ug/L	100	48.4	100		08/02/13 11:12	108-86-1	
Bromochloromethane	**<49.2**	ug/L	100	49.2	100		08/02/13 11:12	74-97-5	
Bromodichloromethane	**<45.3**	ug/L	100	45.3	100		08/02/13 11:12	75-27-4	
Bromoform	**<23.3**	ug/L	100	23.3	100		08/02/13 11:12	75-25-2	
Bromomethane	**<43.0**	ug/L	500	43.0	100		08/02/13 11:12	74-83-9	
n-Butylbenzene	**<40.0**	ug/L	100	40.0	100		08/02/13 11:12	104-51-8	
sec-Butylbenzene	**<60.5**	ug/L	500	60.5	100		08/02/13 11:12	135-98-8	
tert-Butylbenzene	**<42.4**	ug/L	100	42.4	100		08/02/13 11:12	98-06-6	
Carbon tetrachloride	**<36.5**	ug/L	100	36.5	100		08/02/13 11:12	56-23-5	
Chlorobenzene	**<35.8**	ug/L	100	35.8	100		08/02/13 11:12	108-90-7	
Chloroethane	**<44.4**	ug/L	100	44.4	100		08/02/13 11:12	75-00-3	
Chloroform	**<68.9**	ug/L	500	68.9	100		08/02/13 11:12	67-66-3	
Chloromethane	**<38.8**	ug/L	100	38.8	100		08/02/13 11:12	74-87-3	
2-Chlorotoluene	**<47.7**	ug/L	100	47.7	100		08/02/13 11:12	95-49-8	
4-Chlorotoluene	**<48.4**	ug/L	100	48.4	100		08/02/13 11:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<150**	ug/L	500	150	100		08/02/13 11:12	96-12-8	
Dibromochloromethane	**<190**	ug/L	500	190	100		08/02/13 11:12	124-48-1	
1,2-Dibromoethane (EDB)	**<38.1**	ug/L	100	38.1	100		08/02/13 11:12	106-93-4	
Dibromomethane	**<48.0**	ug/L	100	48.0	100		08/02/13 11:12	74-95-3	
1,2-Dichlorobenzene	**<43.9**	ug/L	100	43.9	100		08/02/13 11:12	95-50-1	
1,3-Dichlorobenzene	**<45.1**	ug/L	100	45.1	100		08/02/13 11:12	541-73-1	
1,4-Dichlorobenzene	**<43.4**	ug/L	100	43.4	100		08/02/13 11:12	106-46-7	
Dichlorodifluoromethane	**<40.1**	ug/L	100	40.1	100		08/02/13 11:12	75-71-8	
1,1-Dichloroethane	**<28.5**	ug/L	100	28.5	100		08/02/13 11:12	75-34-3	
1,2-Dichloroethane	**<47.6**	ug/L	100	47.6	100		08/02/13 11:12	107-06-2	
1,1-Dichloroethene	**<42.7**	ug/L	100	42.7	100		08/02/13 11:12	75-35-4	
cis-1,2-Dichloroethene	**5260**	ug/L	100	41.9	100		08/02/13 11:12	156-59-2	
trans-1,2-Dichloroethene	**127**	ug/L	100	37.1	100		08/02/13 11:12	156-60-5	
1,2-Dichloropropane	**<49.8**	ug/L	100	49.8	100		08/02/13 11:12	78-87-5	
1,3-Dichloropropane	**<46.3**	ug/L	100	46.3	100		08/02/13 11:12	142-28-9	
2,2-Dichloropropane	**<36.9**	ug/L	100	36.9	100		08/02/13 11:12	594-20-7	
1,1-Dichloropropene	**<50.7**	ug/L	100	50.7	100		08/02/13 11:12	563-58-6	
cis-1,3-Dichloropropene	**<29.0**	ug/L	100	29.0	100		08/02/13 11:12	10061-01-5	
trans-1,3-Dichloropropene	**<26.2**	ug/L	100	26.2	100		08/02/13 11:12	10061-02-6	
Diisopropyl ether	**<50.0**	ug/L	100	50.0	100		08/02/13 11:12	108-20-3	
Ethylbenzene	**<50.0**	ug/L	100	50.0	100		08/02/13 11:12	100-41-4	
Hexachloro-1,3-butadiene	**<126**	ug/L	500	126	100		08/02/13 11:12	87-68-3	
Isopropylbenzene (Cumene)	**<34.1**	ug/L	100	34.1	100		08/02/13 11:12	98-82-8	
p-Isopropyltoluene	**<39.7**	ug/L	100	39.7	100		08/02/13 11:12	99-87-6	
Methylene Chloride	**<35.9**	ug/L	100	35.9	100		08/02/13 11:12	75-09-2	
Methyl-tert-butyl ether	**<49.4**	ug/L	100	49.4	100		08/02/13 11:12	1634-04-4	
Naphthalene	**<250**	ug/L	500	250	100		08/02/13 11:12	91-20-3	
n-Propylbenzene	**<50.0**	ug/L	100	50.0	100		08/02/13 11:12	103-65-1	
Styrene	**<35.0**	ug/L	100	35.0	100		08/02/13 11:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<45.0**	ug/L	100	45.0	100		08/02/13 11:12	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-5 **Lab ID: 4082079005** Collected: 07/30/13 15:50 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<38.4**	ug/L	100	38.4	100		08/02/13 11:12	79-34-5	
Tetrachloroethene	**16400**	ug/L	100	47.2	100		08/02/13 11:12	127-18-4	
Toluene	**<43.9**	ug/L	100	43.9	100		08/02/13 11:12	108-88-3	
1,2,3-Trichlorobenzene	**<76.8**	ug/L	500	76.8	100		08/02/13 11:12	87-61-6	
1,2,4-Trichlorobenzene	**<250**	ug/L	500	250	100		08/02/13 11:12	120-82-1	
1,1,1-Trichloroethane	**<44.3**	ug/L	100	44.3	100		08/02/13 11:12	71-55-6	
1,1,2-Trichloroethane	**<39.0**	ug/L	100	39.0	100		08/02/13 11:12	79-00-5	
Trichloroethene	**828**	ug/L	100	42.9	100		08/02/13 11:12	79-01-6	
Trichlorofluoromethane	**<47.7**	ug/L	100	47.7	100		08/02/13 11:12	75-69-4	
1,2,3-Trichloropropane	**<46.8**	ug/L	100	46.8	100		08/02/13 11:12	96-18-4	
1,2,4-Trimethylbenzene	**<57.2**	ug/L	500	57.2	100		08/02/13 11:12	95-63-6	
1,3,5-Trimethylbenzene	**<250**	ug/L	500	250	100		08/02/13 11:12	108-67-8	
Vinyl chloride	**345**	ug/L	100	18.5	100		08/02/13 11:12	75-01-4	
m&p-Xylene	**<81.7**	ug/L	200	81.7	100		08/02/13 11:12	179601-23-1	
o-Xylene	**<50.0**	ug/L	100	50.0	100		08/02/13 11:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	43-137		100		08/02/13 11:12	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		100		08/02/13 11:12	1868-53-7	
Toluene-d8 (S)	95	%	55-137		100		08/02/13 11:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-6 **Lab ID: 4082079006** Collected: 07/30/13 15:20 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<100**	ug/L	200	100	200		08/02/13 11:34	71-43-2	
Bromobenzene	**<96.7**	ug/L	200	96.7	200		08/02/13 11:34	108-86-1	
Bromochloromethane	**<98.4**	ug/L	200	98.4	200		08/02/13 11:34	74-97-5	
Bromodichloromethane	**<90.6**	ug/L	200	90.6	200		08/02/13 11:34	75-27-4	
Bromoform	**<46.5**	ug/L	200	46.5	200		08/02/13 11:34	75-25-2	
Bromomethane	**<85.9**	ug/L	1000	85.9	200		08/02/13 11:34	74-83-9	
n-Butylbenzene	**<79.9**	ug/L	200	79.9	200		08/02/13 11:34	104-51-8	
sec-Butylbenzene	**<121**	ug/L	1000	121	200		08/02/13 11:34	135-98-8	
tert-Butylbenzene	**<84.9**	ug/L	200	84.9	200		08/02/13 11:34	98-06-6	
Carbon Tetrachloride	**<73.0**	ug/L	200	73.0	200		08/02/13 11:34	56-23-5	
Chlorobenzene	**<71.7**	ug/L	200	71.7	200		08/02/13 11:34	108-90-7	
Chloroethane	**<88.7**	ug/L	200	88.7	200		08/02/13 11:34	75-00-3	
Chloroform	**<138**	ug/L	1000	138	200		08/02/13 11:34	67-66-3	
Chloromethane	**<77.5**	ug/L	200	77.5	200		08/02/13 11:34	74-87-3	
2-Chlorotoluene	**<95.3**	ug/L	200	95.3	200		08/02/13 11:34	95-49-8	
4-Chlorotoluene	**<96.7**	ug/L	200	96.7	200		08/02/13 11:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<299**	ug/L	1000	299	200		08/02/13 11:34	96-12-8	
Dibromochloromethane	**<379**	ug/L	1000	379	200		08/02/13 11:34	124-48-1	
1,2-Dibromoethane (EDB)	**<76.2**	ug/L	200	76.2	200		08/02/13 11:34	106-93-4	
Dibromomethane	**<96.1**	ug/L	200	96.1	200		08/02/13 11:34	74-95-3	
1,2-Dichlorobenzene	**<87.7**	ug/L	200	87.7	200		08/02/13 11:34	95-50-1	
1,3-Dichlorobenzene	**<90.2**	ug/L	200	90.2	200		08/02/13 11:34	541-73-1	
1,4-Dichlorobenzene	**<86.9**	ug/L	200	86.9	200		08/02/13 11:34	106-46-7	
Dichlorodifluoromethane	**<80.2**	ug/L	200	80.2	200		08/02/13 11:34	75-71-8	
1,1-Dichloroethane	**<57.0**	ug/L	200	57.0	200		08/02/13 11:34	75-34-3	
1,2-Dichloroethane	**<95.3**	ug/L	200	95.3	200		08/02/13 11:34	107-06-2	
1,1-Dichloroethene	**<85.4**	ug/L	200	85.4	200		08/02/13 11:34	75-35-4	
cis-1,2-Dichloroethene	**46400**	ug/L	200	83.8	200		08/02/13 11:34	156-59-2	
trans-1,2-Dichloroethene	**3220**	ug/L	200	74.3	200		08/02/13 11:34	156-60-5	
1,2-Dichloropropane	**<99.6**	ug/L	200	99.6	200		08/02/13 11:34	78-87-5	
1,3-Dichloropropane	**<92.7**	ug/L	200	92.7	200		08/02/13 11:34	142-28-9	
2,2-Dichloropropane	**<73.8**	ug/L	200	73.8	200		08/02/13 11:34	594-20-7	
1,1-Dichloropropene	**<101**	ug/L	200	101	200		08/02/13 11:34	563-58-6	
cis-1,3-Dichloropropene	**<58.0**	ug/L	200	58.0	200		08/02/13 11:34	10061-01-5	
trans-1,3-Dichloropropene	**<52.4**	ug/L	200	52.4	200		08/02/13 11:34	10061-02-6	
Diisopropyl ether	**<100**	ug/L	200	100	200		08/02/13 11:34	108-20-3	
Ethylbenzene	**<100**	ug/L	200	100	200		08/02/13 11:34	100-41-4	
Hexachloro-1,3-butadiene	**<251**	ug/L	1000	251	200		08/02/13 11:34	87-68-3	
Isopropylbenzene (Cumene)	**<68.2**	ug/L	200	68.2	200		08/02/13 11:34	98-82-8	
p-Isopropyltoluene	**<79.4**	ug/L	200	79.4	200		08/02/13 11:34	99-87-6	
Methylene Chloride	**<71.7**	ug/L	200	71.7	200		08/02/13 11:34	75-09-2	
Methyl-tert-butyl ether	**<98.7**	ug/L	200	98.7	200		08/02/13 11:34	1634-04-4	
Naphthalene	**<500**	ug/L	1000	500	200		08/02/13 11:34	91-20-3	
n-Propylbenzene	**<100**	ug/L	200	100	200		08/02/13 11:34	103-65-1	
Styrene	**<70.0**	ug/L	200	70.0	200		08/02/13 11:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<90.1**	ug/L	200	90.1	200		08/02/13 11:34	630-20-6	

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ANALYTICAL RESULTS

Proje 15807.4 K & W MANUFACTURING
Pace ect No.: 4082079

Sam **MW-6** **Lab ID: 4082079006** Collected: 07/30/13 15:20 Received: 08/01/13 09:40 Matrix: Water

	Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260		Analytical Method: EPA 8260								
1,1,2-	trachloroethane	**<76.8**	ug/L	200	76.8	200		08/02/13 11:34	79-34-5	
Tetra	ethene	**<94.4**	ug/L	200	94.4	200		08/02/13 11:34	127-18-4	
Toluе		**<87.7**	ug/L	200	87.7	200		08/02/13 11:34	108-88-3	
1,2,3-	orobenzene	**<154**	ug/L	1000	154	200		08/02/13 11:34	87-61-6	
1,2,4-	lorobenzene	**<500**	ug/L	1000	500	200		08/02/13 11:34	120-82-1	
1,1,1-	loroethane	**<88.6**	ug/L	200	88.6	200		08/02/13 11:34	71-55-6	
1,1,2-	loroethane	**<78.0**	ug/L	200	78.0	200		08/02/13 11:34	79-00-5	
Trichl	hene	**<85.8**	ug/L	200	85.8	200		08/02/13 11:34	79-01-6	
Trichl	uoromethane	**<95.3**	ug/L	200	95.3	200		08/02/13 11:34	75-69-4	
1,2,3-	loropropane	**<93.7**	ug/L	200	93.7	200		08/02/13 11:34	96-18-4	
1,2,4-	thylbenzene	**<114**	ug/L	1000	114	200		08/02/13 11:34	95-63-6	
1,3,5-	thylbenzene	**<500**	ug/L	1000	500	200		08/02/13 11:34	108-67-8	
Vinyl	le	**20200**	ug/L	200	37.0	200		08/02/13 11:34	75-01-4	
m&p-	e	**<163**	ug/L	400	163	200		08/02/13 11:34	179601-23-1	
o-Xyl		**<100**	ug/L	200	100	200		08/02/13 11:34	95-47-6	
Surro	s									
4-Bro	orobenzene (S)	90	%	43-137		200		08/02/13 11:34	460-00-4	
Dibro	oromethane (S)	105	%	70-130		200		08/02/13 11:34	1868-53-7	
Tolue	8 (S)	97	%	55-137		200		08/02/13 11:34	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-7 **Lab ID: 4082079007** Collected: 07/31/13 08:50 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<2.0**	ug/L	4.0	2.0	4		08/02/13 12:42	71-43-2	
Bromobenzene	**<1.9**	ug/L	4.0	1.9	4		08/02/13 12:42	108-86-1	
Bromochloromethane	**<2.0**	ug/L	4.0	2.0	4		08/02/13 12:42	74-97-5	
Bromodichloromethane	**<1.8**	ug/L	4.0	1.8	4		08/02/13 12:42	75-27-4	
Bromoform	**<0.93**	ug/L	4.0	0.93	4		08/02/13 12:42	75-25-2	
Bromomethane	**<1.7**	ug/L	20.0	1.7	4		08/02/13 12:42	74-83-9	
n-Butylbenzene	**<1.6**	ug/L	4.0	1.6	4		08/02/13 12:42	104-51-8	
sec-Butylbenzene	**<2.4**	ug/L	20.0	2.4	4		08/02/13 12:42	135-98-8	
tert-Butylbenzene	**<1.7**	ug/L	4.0	1.7	4		08/02/13 12:42	98-06-6	
Carbon tetrachloride	**<1.5**	ug/L	4.0	1.5	4		08/02/13 12:42	56-23-5	
Chlorobenzene	**<1.4**	ug/L	4.0	1.4	4		08/02/13 12:42	108-90-7	
Chloroethane	**2.6J**	ug/L	4.0	1.8	4		08/02/13 12:42	75-00-3	
Chloroform	**<2.8**	ug/L	20.0	2.8	4		08/02/13 12:42	67-66-3	
Chloromethane	**<1.6**	ug/L	4.0	1.6	4		08/02/13 12:42	74-87-3	
2-Chlorotoluene	**<1.9**	ug/L	4.0	1.9	4		08/02/13 12:42	95-49-8	
4-Chlorotoluene	**<1.9**	ug/L	4.0	1.9	4		08/02/13 12:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<6.0**	ug/L	20.0	6.0	4		08/02/13 12:42	96-12-8	
Dibromochloromethane	**<7.6**	ug/L	20.0	7.6	4		08/02/13 12:42	124-48-1	
1,2-Dibromoethane (EDB)	**<1.5**	ug/L	4.0	1.5	4		08/02/13 12:42	106-93-4	
Dibromomethane	**<1.9**	ug/L	4.0	1.9	4		08/02/13 12:42	74-95-3	
1,2-Dichlorobenzene	**<1.8**	ug/L	4.0	1.8	4		08/02/13 12:42	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	4.0	1.8	4		08/02/13 12:42	541-73-1	
1,4-Dichlorobenzene	**<1.7**	ug/L	4.0	1.7	4		08/02/13 12:42	106-46-7	
Dichlorodifluoromethane	**<1.6**	ug/L	4.0	1.6	4		08/02/13 12:42	75-71-8	
1,1-Dichloroethane	**<1.1**	ug/L	4.0	1.1	4		08/02/13 12:42	75-34-3	
1,2-Dichloroethane	**<1.9**	ug/L	4.0	1.9	4		08/02/13 12:42	107-06-2	
1,1-Dichloroethene	**<1.7**	ug/L	4.0	1.7	4		08/02/13 12:42	75-35-4	
cis-1,2-Dichloroethene	**253**	ug/L	4.0	1.7	4		08/02/13 12:42	156-59-2	
trans-1,2-Dichloroethene	**10.3**	ug/L	4.0	1.5	4		08/02/13 12:42	156-60-5	
1,2-Dichloropropane	**<2.0**	ug/L	4.0	2.0	4		08/02/13 12:42	78-87-5	
1,3-Dichloropropane	**<1.9**	ug/L	4.0	1.9	4		08/02/13 12:42	142-28-9	
2,2-Dichloropropane	**<1.5**	ug/L	4.0	1.5	4		08/02/13 12:42	594-20-7	
1,1-Dichloropropene	**<2.0**	ug/L	4.0	2.0	4		08/02/13 12:42	563-58-6	
cis-1,3-Dichloropropene	**<1.2**	ug/L	4.0	1.2	4		08/02/13 12:42	10061-01-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	4.0	1.0	4		08/02/13 12:42	10061-02-6	
Diisopropyl ether	**<2.0**	ug/L	4.0	2.0	4		08/02/13 12:42	108-20-3	
Ethylbenzene	**<2.0**	ug/L	4.0	2.0	4		08/02/13 12:42	100-41-4	
Hexachloro-1,3-butadiene	**<5.0**	ug/L	20.0	5.0	4		08/02/13 12:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.4**	ug/L	4.0	1.4	4		08/02/13 12:42	98-82-8	
p-Isopropyltoluene	**<1.6**	ug/L	4.0	1.6	4		08/02/13 12:42	99-87-6	
Methylene Chloride	**<1.4**	ug/L	4.0	1.4	4		08/02/13 12:42	75-09-2	
Methyl-tert-butyl ether	**<2.0**	ug/L	4.0	2.0	4		08/02/13 12:42	1634-04-4	
Naphthalene	**<10.0**	ug/L	20.0	10.0	4		08/02/13 12:42	91-20-3	
n-Propylbenzene	**<2.0**	ug/L	4.0	2.0	4		08/02/13 12:42	103-65-1	
Styrene	**<1.4**	ug/L	4.0	1.4	4		08/02/13 12:42	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	4.0	1.8	4		08/02/13 12:42	630-20-6	

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ANALYTICAL RESULTS

Proj: 15807.4 K & W MANUFACTURING
Pace ct No.: 4082079

Sam: W-7 **Lab ID: 4082079007** Collected: 07/31/13 08:50 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260	Analytical Method: EPA 8260								
1,1,2 achloroethane	**<1.5**	ug/L	4.0	1.5	4		08/02/13 12:42	79-34-5	
Tetra ethene	**32.0**	ug/L	4.0	1.9	4		08/02/13 12:42	127-18-4	
Tolu	**<1.8**	ug/L	4.0	1.8	4		08/02/13 12:42	108-88-3	
1,2,3- robenzene	**<3.1**	ug/L	20.0	3.1	4		08/02/13 12:42	87-61-6	
1,2,4- orobenzene	**<10.0**	ug/L	20.0	10.0	4		08/02/13 12:42	120-82-1	
1,1,1- roethane	**<1.8**	ug/L	4.0	1.8	4		08/02/13 12:42	71-55-6	
1,1,2- roethane	**<1.6**	ug/L	4.0	1.6	4		08/02/13 12:42	79-00-5	
Trichl ene	**19.0**	ug/L	4.0	1.7	4		08/02/13 12:42	79-01-6	
Trichl oromethane	**<1.9**	ug/L	4.0	1.9	4		08/02/13 12:42	75-69-4	
1,2,3- ropropane	**<1.9**	ug/L	4.0	1.9	4		08/02/13 12:42	96-18-4	
1,2,4 thylbenzene	**<2.3**	ug/L	20.0	2.3	4		08/02/13 12:42	95-63-6	
1,3,5 thylbenzene	**<10.0**	ug/L	20.0	10.0	4		08/02/13 12:42	108-67-8	
Viny e	**52.3**	ug/L	4.0	0.74	4		08/02/13 12:42	75-01-4	
m&p	**<3.3**	ug/L	8.0	3.3	4		08/02/13 12:42	179601-23-1	
o-Xyl	**<2.0**	ug/L	4.0	2.0	4		08/02/13 12:42	95-47-6	
Surr									
4-Bro robenzene (S)	91	%	43-137		4		08/02/13 12:42	460-00-4	
Dibro romethane (S)	104	%	70-130		4		08/02/13 12:42	1868-53-7	
Tolue (S)	97	%	55-137		4		08/02/13 12:42	2037-26-5	

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ANALYTICAL RESULTS

Proje 15807.4 K & W MANUFACTURING
Pace ct No.: 4082079

Sam W-8 **Lab ID: 4082079008** Collected: 07/30/13 11:34 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260	Analytical Method: EPA 8260								
Benze	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:42	71-43-2	
Brom zene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:42	108-86-1	
Brom omethane	**<0.49**	ug/L	1.0	0.49	1		08/02/13 09:42	74-97-5	
Brom romethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 09:42	75-27-4	
Brom	**<0.23**	ug/L	1.0	0.23	1		08/02/13 09:42	75-25-2	
Bromo ane	**<0.43**	ug/L	5.0	0.43	1		08/02/13 09:42	74-83-9	
n-Buty zene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 09:42	104-51-8	
sec-B enzene	**<0.60**	ug/L	5.0	0.60	1		08/02/13 09:42	135-98-8	
tert-B enzene	**<0.42**	ug/L	1.0	0.42	1		08/02/13 09:42	98-06-6	
Carbo rachloride	**<0.37**	ug/L	1.0	0.37	1		08/02/13 09:42	56-23-5	
Chlo ene	**<0.36**	ug/L	1.0	0.36	1		08/02/13 09:42	108-90-7	
Chlo e	**<0.44**	ug/L	1.0	0.44	1		08/02/13 09:42	75-00-3	
Chlo	**<0.69**	ug/L	5.0	0.69	1		08/02/13 09:42	67-66-3	
Chlo ane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 09:42	74-87-3	
2-Chl ene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:42	95-49-8	
4-Chl ene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:42	106-43-4	
1,2-D -3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		08/02/13 09:42	96-12-8	
Dibro oromethane	**<1.9**	ug/L	5.0	1.9	1		08/02/13 09:42	124-48-1	
1,2-D ethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		08/02/13 09:42	106-93-4	
Dibro thane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:42	74-95-3	
1,2-D benzene	**<0.44**	ug/L	1.0	0.44	1		08/02/13 09:42	95-50-1	
1,3-D benzene	**<0.45**	ug/L	1.0	0.45	1		08/02/13 09:42	541-73-1	
1,4-D benzene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 09:42	106-46-7	
Dichl oromethane	**<0.40**	ug/L	1.0	0.40	1		08/02/13 09:42	75-71-8	
1,1-D thane	**<0.28**	ug/L	1.0	0.28	1		08/02/13 09:42	75-34-3	
1,2-D thane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:42	107-06-2	
1,1-D ethene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 09:42	75-35-4	
cis-1 loroethene	**3.0**	ug/L	1.0	0.42	1		08/02/13 09:42	156-59-2	
trans hloroethene	**<0.37**	ug/L	1.0	0.37	1		08/02/13 09:42	156-60-5	
1,2-D ropane	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:42	78-87-5	
1,3-D ropane	**<0.46**	ug/L	1.0	0.46	1		08/02/13 09:42	142-28-9	
2,2-D propane	**<0.37**	ug/L	1.0	0.37	1		08/02/13 09:42	594-20-7	
1,1-D propene	**<0.51**	ug/L	1.0	0.51	1		08/02/13 09:42	563-58-6	
cis-1 propropene	**<0.29**	ug/L	1.0	0.29	1		08/02/13 09:42	10061-01-5	
trans loropropene	**<0.26**	ug/L	1.0	0.26	1		08/02/13 09:42	10061-02-6	
Diiso ther	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:42	108-20-3	
Ethyl e	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:42	100-41-4	
Hexa 1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		08/02/13 09:42	87-68-3	
Isop ene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		08/02/13 09:42	98-82-8	
p-Iso ene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 09:42	99-87-6	
Meth oride	**<0.36**	ug/L	1.0	0.36	1		08/02/13 09:42	75-09-2	
Meth utyl ether	**<0.49**	ug/L	1.0	0.49	1		08/02/13 09:42	1634-04-4	
Napt	**<2.5**	ug/L	5.0	2.5	1		08/02/13 09:42	91-20-3	
n-Pro ne	**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:42	103-65-1	
Styr	**<0.35**	ug/L	1.0	0.35	1		08/02/13 09:42	100-42-5	
1,1,1 hloroethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 09:42	630-20-6	

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ANALYTICAL RESULTS

Proj 15807.4 K & W MANUFACTURING
Pac No.: 4082079

San -8 **Lab ID: 4082079008** Collected: 07/30/13 11:34 Received: 08/01/13 09:40 Matrix: Water

	Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260		Analytical Method: EPA 8260								
1,1,2	chloroethane	**<0.38**	ug/L	1.0	0.38	1		08/02/13 09:42	79-34-5	
Tetr	hene	**<0.47**	ug/L	1.0	0.47	1		08/02/13 09:42	127-18-4	
Tolu		**<0.44**	ug/L	1.0	0.44	1		08/02/13 09:42	108-88-3	
1,2,	benzene	**<0.77**	ug/L	5.0	0.77	1		08/02/13 09:42	87-61-6	
1,2,4	obenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 09:42	120-82-1	
1,1,1	oethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 09:42	71-55-6	
1,1,2	ethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 09:42	79-00-5	
Trich	ne	**<0.43**	ug/L	1.0	0.43	1		08/02/13 09:42	79-01-6	
Tricl	romethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 09:42	75-69-4	
1,2,3	opropane	**<0.47**	ug/L	1.0	0.47	1		08/02/13 09:42	96-18-4	
1,2,	lbenzene	**<0.57**	ug/L	5.0	0.57	1		08/02/13 09:42	95-63-6	
1,3,	benzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 09:42	108-67-8	
Viny		**<0.18**	ug/L	1.0	0.18	1		08/02/13 09:42	75-01-4	
m&;		**<0.82**	ug/L	2.0	0.82	1		08/02/13 09:42	179601-23-1	
o-X)		**<0.50**	ug/L	1.0	0.50	1		08/02/13 09:42	95-47-6	
Surr										
4-Br	obenzene (S)	92	%	43-137		1		08/02/13 09:42	460-00-4	
Dibr	omethane (S)	104	%	70-130		1		08/02/13 09:42	1868-53-7	
Tolu	S)	98	%	55-137		1		08/02/13 09:42	2037-26-5	

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ANALYTICAL RESULTS

Proj 15807.4 K & W MANUFACTURING
Pac No.: 4082079

Sam **Lab ID: 4082079009** Collected: 07/31/13 09:50 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260	Analytical Method: EPA 8260								
Benz	**<1000**	ug/L	2000	1000	2000		08/02/13 12:20	71-43-2	
Bro ene	**<967**	ug/L	2000	967	2000		08/02/13 12:20	108-86-1	
Bro ethane	**<984**	ug/L	2000	984	2000		08/02/13 12:20	74-97-5	
Bro methane	**<906**	ug/L	2000	906	2000		08/02/13 12:20	75-27-4	
Bro	**<465**	ug/L	2000	465	2000		08/02/13 12:20	75-25-2	
Brom ne	**<859**	ug/L	10000	859	2000		08/02/13 12:20	74-83-9	
n-But ne	**<799**	ug/L	2000	799	2000		08/02/13 12:20	104-51-8	
sec-B zene	**<1210**	ug/L	10000	1210	2000		08/02/13 12:20	135-98-8	
tert-B zene	**<849**	ug/L	2000	849	2000		08/02/13 12:20	98-06-6	
Carb chloride	**<730**	ug/L	2000	730	2000		08/02/13 12:20	56-23-5	
Chl ne	**<717**	ug/L	2000	717	2000		08/02/13 12:20	108-90-7	
Chl	**<887**	ug/L	2000	887	2000		08/02/13 12:20	75-00-3	
Chl	**<1380**	ug/L	10000	1380	2000		08/02/13 12:20	67-66-3	
Chlo e	**<775**	ug/L	2000	775	2000		08/02/13 12:20	74-87-3	
2-Ch ene	**<953**	ug/L	2000	953	2000		08/02/13 12:20	95-49-8	
4-Ch e	**<967**	ug/L	2000	967	2000		08/02/13 12:20	106-43-4	
1,2-D -chloropropane	**<2990**	ug/L	10000	2990	2000		08/02/13 12:20	96-12-8	
Dibr omethane	**<3790**	ug/L	10000	3790	2000		08/02/13 12:20	124-48-1	
1,2-D thane (EDB)	**<762**	ug/L	2000	762	2000		08/02/13 12:20	106-93-4	
Dibr ane	**<961**	ug/L	2000	961	2000		08/02/13 12:20	74-95-3	
1,2- nzene	**<877**	ug/L	2000	877	2000		08/02/13 12:20	95-50-1	
1,3- nzene	**<902**	ug/L	2000	902	2000		08/02/13 12:20	541-73-1	
1,4- nzene	**<869**	ug/L	2000	869	2000		08/02/13 12:20	106-46-7	
Dich romethane	**<802**	ug/L	2000	802	2000		08/02/13 12:20	75-71-8	
1,1-D hane	**<570**	ug/L	2000	570	2000		08/02/13 12:20	75-34-3	
1,2-D hane	**<953**	ug/L	2000	953	2000		08/02/13 12:20	107-06-2	
1,1- hene	**<854**	ug/L	2000	854	2000		08/02/13 12:20	75-35-4	
cis- oethene	**28300**	ug/L	2000	838	2000		08/02/13 12:20	156-59-2	
tran oroethene	**2580**	ug/L	2000	743	2000		08/02/13 12:20	156-60-5	
1,2- pane	**<996**	ug/L	2000	996	2000		08/02/13 12:20	78-87-5	
1,3- pane	**<927**	ug/L	2000	927	2000		08/02/13 12:20	142-28-9	
2,2- pane	**<738**	ug/L	2000	738	2000		08/02/13 12:20	594-20-7	
1,1- opene	**<1010**	ug/L	2000	1010	2000		08/02/13 12:20	563-58-6	
cis- opropene	**<580**	ug/L	2000	580	2000		08/02/13 12:20	10061-01-5	
tran oropropene	**<524**	ug/L	2000	524	2000		08/02/13 12:20	10061-02-6	
Diis er	**<1000**	ug/L	2000	1000	2000		08/02/13 12:20	108-20-3	
Ethy	**<1000**	ug/L	2000	1000	2000		08/02/13 12:20	100-41-4	
Hex -butadiene	**<2510**	ug/L	10000	2510	2000		08/02/13 12:20	87-68-3	
Iso ne (Cumene)	**<682**	ug/L	2000	682	2000		08/02/13 12:20	98-82-8	
p-Is ene	**<794**	ug/L	2000	794	2000		08/02/13 12:20	99-87-6	
Me ride	**<717**	ug/L	2000	717	2000		08/02/13 12:20	75-09-2	
Me l ether	**<987**	ug/L	2000	987	2000		08/02/13 12:20	1634-04-4	
Nap	**<5000**	ug/L	10000	5000	2000		08/02/13 12:20	91-20-3	
n-Pr ne	**<1000**	ug/L	2000	1000	2000		08/02/13 12:20	103-65-1	
Sty	**<700**	ug/L	2000	700	2000		08/02/13 12:20	100-42-5	
1,1, loroethane	**<901**	ug/L	2000	901	2000		08/02/13 12:20	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-9 **Lab ID: 4082079009** Collected: 07/31/13 09:50 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<768**	ug/L	2000	768	2000		08/02/13 12:20	79-34-5	
Tetrachloroethene	**<944**	ug/L	2000	944	2000		08/02/13 12:20	127-18-4	
Toluene	**<877**	ug/L	2000	877	2000		08/02/13 12:20	108-88-3	
1,2,4-Trichlorobenzene	**<1540**	ug/L	10000	1540	2000		08/02/13 12:20	87-61-6	
1,2,3-Trichlorobenzene	**<5000**	ug/L	10000	5000	2000		08/02/13 12:20	120-82-1	
1,1,1-Trichloroethane	**<886**	ug/L	2000	886	2000		08/02/13 12:20	71-55-6	
1,1,2-Trichloroethane	**<780**	ug/L	2000	780	2000		08/02/13 12:20	79-00-5	
Trichloroethene	**<858**	ug/L	2000	858	2000		08/02/13 12:20	79-01-6	
Trichlorofluoromethane	**<953**	ug/L	2000	953	2000		08/02/13 12:20	75-69-4	
1,2,3-Trichloropropane	**<937**	ug/L	2000	937	2000		08/02/13 12:20	96-18-4	
1,2,4-Trimethylbenzene	**<1140**	ug/L	10000	1140	2000		08/02/13 12:20	95-63-6	
1,3,5-Trimethylbenzene	**<5000**	ug/L	10000	5000	2000		08/02/13 12:20	108-67-8	
Vinyl chloride	**98800**	ug/L	2000	370	2000		08/02/13 12:20	75-01-4	
m&p-Xylene	**<1630**	ug/L	4000	1630	2000		08/02/13 12:20	179601-23-1	
o-Xylene	**<1000**	ug/L	2000	1000	2000		08/02/13 12:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	43-137		2000		08/02/13 12:20	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		2000		08/02/13 12:20	1868-53-7	
Toluene-d8 (S)	97	%	55-137		2000		08/02/13 12:20	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-10 **Lab ID: 4082079010** Collected: 07/30/13 10:08 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:04	71-43-2	
Bro obenzene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:04	108-86-1	
Bro ochloromethane	**<0.49**	ug/L	1.0	0.49	1		08/02/13 10:04	74-97-5	
Bro odichloromethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 10:04	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		08/02/13 10:04	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		08/02/13 10:04	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 10:04	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		08/02/13 10:04	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/02/13 10:04	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/02/13 10:04	56-23-5	
Chl obenzene	**<0.36**	ug/L	1.0	0.36	1		08/02/13 10:04	108-90-7	
Chl oethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 10:04	75-00-3	
Chl oform	**<0.69**	ug/L	5.0	0.69	1		08/02/13 10:04	67-66-3	
Chlo omethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 10:04	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:04	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		08/02/13 10:04	96-12-8	
Dibr mochloromethane	**<1.9**	ug/L	5.0	1.9	1		08/02/13 10:04	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		08/02/13 10:04	106-93-4	
Dib omomethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:04	74-95-3	
1,2- ichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		08/02/13 10:04	95-50-1	
1,3- ichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		08/02/13 10:04	541-73-1	
1,4- ichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 10:04	106-46-7	
Dich orodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		08/02/13 10:04	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		08/02/13 10:04	75-34-3	
1,2- ichloroethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:04	107-06-2	
1,1- ichloroethene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 10:04	75-35-4	
cis- 2-Dichloroethene	**12.3**	ug/L	1.0	0.42	1		08/02/13 10:04	156-59-2	
tran -1,2-Dichloroethene	**1.0J**	ug/L	1.0	0.37	1		08/02/13 10:04	156-60-5	
1,2- chloropropane	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:04	78-87-5	
1,3- hloropropane	**<0.46**	ug/L	1.0	0.46	1		08/02/13 10:04	142-28-9	
2,2- chloropropane	**<0.37**	ug/L	1.0	0.37	1		08/02/13 10:04	594-20-7	
1,1- ichloropropene	**<0.51**	ug/L	1.0	0.51	1		08/02/13 10:04	563-58-6	
cis- 3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		08/02/13 10:04	10061-01-5	
tran -1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		08/02/13 10:04	10061-02-6	
Diis ropyl ether	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:04	108-20-3	
Eth enzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:04	100-41-4	
Hex hloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		08/02/13 10:04	87-68-3	
Isop ylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		08/02/13 10:04	98-82-8	
p-Is opyltoluene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 10:04	99-87-6	
Me one Chloride	**<0.36**	ug/L	1.0	0.36	1		08/02/13 10:04	75-09-2	
Met -tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		08/02/13 10:04	1634-04-4	
Nap halene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 10:04	91-20-3	
n-P ylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:04	103-65-1	
Sty e	**<0.35**	ug/L	1.0	0.35	1		08/02/13 10:04	100-42-5	
1,1 ,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 10:04	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-10 **Lab ID: 4082079010** Collected: 07/30/13 10:08 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/02/13 10:04	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		08/02/13 10:04	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		08/02/13 10:04	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		08/02/13 10:04	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 10:04	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 10:04	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 10:04	79-00-5	
Trichloroethene	**1.7**	ug/L	1.0	0.43	1		08/02/13 10:04	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:04	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		08/02/13 10:04	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		08/02/13 10:04	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 10:04	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/02/13 10:04	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		08/02/13 10:04	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	43-137		1		08/02/13 10:04	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		08/02/13 10:04	1868-53-7	
Toluene-d8 (S)	96	%	55-137		1		08/02/13 10:04	2037-26-5	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: MW-11 **Lab ID: 4082079011** Collected: 07/30/13 09:40 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:27	71-43-2	
Bro[illegible]obenzene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:27	108-86-1	
Bro[illegible]ochloromethane	**<0.49**	ug/L	1.0	0.49	1		08/02/13 10:27	74-97-5	
Bro[illegible]odichloromethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 10:27	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		08/02/13 10:27	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		08/02/13 10:27	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 10:27	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		08/02/13 10:27	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/02/13 10:27	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/02/13 10:27	56-23-5	
Chl[illegible]obenzene	**<0.36**	ug/L	1.0	0.36	1		08/02/13 10:27	108-90-7	
Chl[illegible]ethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 10:27	75-00-3	
Chl[illegible]oform	**<0.69**	ug/L	5.0	0.69	1		08/02/13 10:27	67-66-3	
Chl[illegible]omethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 10:27	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:27	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		08/02/13 10:27	96-12-8	
Dibr[illegible]omochloromethane	**<1.9**	ug/L	5.0	1.9	1		08/02/13 10:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		08/02/13 10:27	106-93-4	
Dib[illegible]omomethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:27	74-95-3	
1,2-[illegible]chlorobenzene	**<0.44**	ug/L	1.0	0.44	1		08/02/13 10:27	95-50-1	
1,3-[illegible]chlorobenzene	**<0.45**	ug/L	1.0	0.45	1		08/02/13 10:27	541-73-1	
1,4-[illegible]chlorobenzene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 10:27	106-46-7	
Dich[illegible]orodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		08/02/13 10:27	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		08/02/13 10:27	75-34-3	
1,2-[illegible]ichloroethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:27	107-06-2	
1,1-[illegible]ichloroethene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 10:27	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		08/02/13 10:27	156-59-2	
tra[illegible]1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		08/02/13 10:27	156-60-5	
1,2-[illegible]hloropropane	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:27	78-87-5	
1,3-[illegible]loropropane	**<0.46**	ug/L	1.0	0.46	1		08/02/13 10:27	142-28-9	
2,2-[illegible]loropropane	**<0.37**	ug/L	1.0	0.37	1		08/02/13 10:27	594-20-7	
1,1-[illegible]chloropropene	**<0.51**	ug/L	1.0	0.51	1		08/02/13 10:27	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		08/02/13 10:27	10061-01-5	
tra[illegible]1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		08/02/13 10:27	10061-02-6	
Di[illegible]opyl ether	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:27	108-20-3	
Eth[illegible]enzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:27	100-41-4	
He[illegible]loro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		08/02/13 10:27	87-68-3	
Iso[illegible]ylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		08/02/13 10:27	98-82-8	
p-I[illegible]opyltoluene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 10:27	99-87-6	
Me[illegible]ne Chloride	**<0.36**	ug/L	1.0	0.36	1		08/02/13 10:27	75-09-2	
Me[illegible]-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		08/02/13 10:27	1634-04-4	
Na[illegible]alene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 10:27	91-20-3	
n-P[illegible]ylbenzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:27	103-65-1	
Sty[illegible]e	**<0.35**	ug/L	1.0	0.35	1		08/02/13 10:27	100-42-5	
1,1[illegible]Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 10:27	630-20-6	

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ANALYTICAL RESULTS

Pr : 15807.4 K & W MANUFACTURING
Pa. oject No.: 4082079

Sa : MW-11 **Lab ID: 4082079011** Collected: 07/30/13 09:40 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
826 SV	Analytical Method: EPA 8260								
1,1,2 -Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/02/13 10:27	79-34-5	
Tet oroethene	**<0.47**	ug/L	1.0	0.47	1		08/02/13 10:27	127-18-4	
Tol	**<0.44**	ug/L	1.0	0.44	1		08/02/13 10:27	108-88-3	
1,2 chlorobenzene	**<0.77**	ug/L	5.0	0.77	1		08/02/13 10:27	87-61-6	
1,2, chlorobenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 10:27	120-82-1	
1,1, ichloroethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 10:27	71-55-6	
1,1, ichloroethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 10:27	79-00-5	
Tric oethene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 10:27	79-01-6	
Tric ofluoromethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 10:27	75-69-4	
1,2, chloropropane	**<0.47**	ug/L	1.0	0.47	1		08/02/13 10:27	96-18-4	
1,2 methylbenzene	**<0.57**	ug/L	5.0	0.57	1		08/02/13 10:27	95-63-6	
1,3 methylbenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 10:27	108-67-8	
Vi ide	**<0.18**	ug/L	1.0	0.18	1		08/02/13 10:27	75-01-4	
m& ne	**<0.82**	ug/L	2.0	0.82	1		08/02/13 10:27	179601-23-1	
o-X e	**<0.50**	ug/L	1.0	0.50	1		08/02/13 10:27	95-47-6	
Su *rfes*									
4-B fluorobenzene (S)	91	%	43-137		1		08/02/13 10:27	460-00-4	
Dit fluoromethane (S)	104	%	70-130		1		08/02/13 10:27	1868-53-7	
Tol d8 (S)	98	%	55-137		1		08/02/13 10:27	2037-26-5	

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(920)469-2436

ANALYTICAL RESULTS

Pro[illegible]: 15807.4 K & W MANUFACTURING
Pac[illegible]oject No.: 4082079

Sam[illegible]: MW-12 **Lab ID: 4082079012** Collected: 07/30/13 09:10 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Ben[illegible]e	**<0.50**	ug/L	1.0	0.50	1		08/02/13 19:38	71-43-2	
Bro[illegible]nzene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 19:38	108-86-1	
Bro[illegible]romethane	**<0.49**	ug/L	1.0	0.49	1		08/02/13 19:38	74-97-5	
Bro[illegible]chloromethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 19:38	75-27-4	
Bro[illegible]rm	**<0.23**	ug/L	1.0	0.23	1		08/02/13 19:38	75-25-2	
Bro[illegible]ethane	**<0.43**	ug/L	5.0	0.43	1		08/02/13 19:38	74-83-9	
n-Bu[illegible]benzene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 19:38	104-51-8	
sec-B[illegible]tylbenzene	**<0.60**	ug/L	5.0	0.60	1		08/02/13 19:38	135-98-8	
tert-B[illegible]tylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/02/13 19:38	98-06-6	
Car[illegible]etrachloride	**<0.37**	ug/L	1.0	0.37	1		08/02/13 19:38	56-23-5	
Chl[illegible]nzene	**<0.36**	ug/L	1.0	0.36	1		08/02/13 19:38	108-90-7	
Chl[illegible]ane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 19:38	75-00-3	
Chl[illegible]n	**<0.69**	ug/L	5.0	0.69	1		08/02/13 19:38	67-66-3	
Chl[illegible]ethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 19:38	74-87-3	
2-Ch[illegible]toluene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 19:38	95-49-8	
4-Ch[illegible]otoluene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 19:38	106-43-4	
1,2-[illegible]romo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		08/02/13 19:38	96-12-8	
Dibr[illegible]chloromethane	**<1.9**	ug/L	5.0	1.9	1		08/02/13 19:38	124-48-1	
1,2-[illegible]romoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		08/02/13 19:38	106-93-4	
Dib[illegible]methane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 19:38	74-95-3	
1,2[illegible]robenzene	**<0.44**	ug/L	1.0	0.44	1		08/02/13 19:38	95-50-1	
1,3[illegible]robenzene	**<0.45**	ug/L	1.0	0.45	1		08/02/13 19:38	541-73-1	
1,4[illegible]robenzene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 19:38	106-46-7	
Dic[illegible]fluoromethane	**<0.40**	ug/L	1.0	0.40	1		08/02/13 19:38	75-71-8	
1,1-[illegible]roethane	**<0.28**	ug/L	1.0	0.28	1		08/02/13 19:38	75-34-3	
1,2-[illegible]roethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 19:38	107-06-2	
1,1-[illegible]roethene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 19:38	75-35-4	
cis-[illegible]chloroethene	**<0.42**	ug/L	1.0	0.42	1		08/02/13 19:38	156-59-2	
tra[illegible]-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		08/02/13 19:38	156-60-5	
1,2[illegible]ropropane	**<0.50**	ug/L	1.0	0.50	1		08/02/13 19:38	78-87-5	
1,3[illegible]ropropane	**<0.46**	ug/L	1.0	0.46	1		08/02/13 19:38	142-28-9	
2,2[illegible]opropane	**<0.37**	ug/L	1.0	0.37	1		08/02/13 19:38	594-20-7	
1,1-[illegible]ropropene	**<0.51**	ug/L	1.0	0.51	1		08/02/13 19:38	563-58-6	
cis-[illegible]hloropropene	**<0.29**	ug/L	1.0	0.29	1		08/02/13 19:38	10061-01-5	
tra[illegible]Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		08/02/13 19:38	10061-02-6	
Di[illegible]l ether	**<0.50**	ug/L	1.0	0.50	1		08/02/13 19:38	108-20-3	
Eth[illegible]ene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 19:38	100-41-4	
He[illegible]o-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		08/02/13 19:38	87-68-3	
Iso[illegible]enzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		08/02/13 19:38	98-82-8	
p-I[illegible]toluene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 19:38	99-87-6	
M[illegible] Chloride	**<0.36**	ug/L	1.0	0.36	1		08/02/13 19:38	75-09-2	
M[illegible]butyl ether	**<0.49**	ug/L	1.0	0.49	1		08/02/13 19:38	1634-04-4	
Na[illegible]e	**<2.5**	ug/L	5.0	2.5	1		08/02/13 19:38	91-20-3	
n-P[illegible]nzene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 19:38	103-65-1	
St[illegible]	**<0.35**	ug/L	1.0	0.35	1		08/02/13 19:38	100-42-5	
1,1[illegible]rachloroethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 19:38	630-20-6	

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ANALYTICAL RESULTS

Pr 15807.4 K & W MANUFACTURING
Pa ect No.: 4082079

Sa MW-12 **Lab ID: 4082079012** Collected: 07/30/13 09:10 Received: 08/01/13 09:40 Matrix: Water

	Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
826	√	Analytical Method: EPA 8260								
1,1	trachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/02/13 19:38	79-34-5	
Te	oethene	**<0.47**	ug/L	1.0	0.47	1		08/02/13 19:38	127-18-4	
To		**<0.44**	ug/L	1.0	0.44	1		08/02/13 19:38	108-88-3	
1,2	orobenzene	**<0.77**	ug/L	5.0	0.77	1		08/02/13 19:38	87-61-6	
1,2	lorobenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 19:38	120-82-1	
1,1	loroethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 19:38	71-55-6	
1,1	loroethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 19:38	79-00-5	
Tric	hene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 19:38	79-01-6	
Tric	uoromethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 19:38	75-69-4	
1,2	loropropane	**<0.47**	ug/L	1.0	0.47	1		08/02/13 19:38	96-18-4	
1,2	thylbenzene	**<0.57**	ug/L	5.0	0.57	1		08/02/13 19:38	95-63-6	
1,3	thylbenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 19:38	108-67-8	
Vi	le	**<0.18**	ug/L	1.0	0.18	1		08/02/13 19:38	75-01-4	
m	e	**<0.82**	ug/L	2.0	0.82	1		08/02/13 19:38	179601-23-1	
o->		**<0.50**	ug/L	1.0	0.50	1		08/02/13 19:38	95-47-6	
Su	s									
4-B	orobenzene (S)	89	%	43-137		1		08/02/13 19:38	460-00-4	
Di	oromethane (S)	104	%	70-130		1		08/02/13 19:38	1868-53-7	
Tol	(S)	98	%	55-137		1		08/02/13 19:38	2037-26-5	

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ANALYTICAL RESULTS

Pr 15807.4 K & W MANUFACTURING
Pa ject No.: 4082079

Sa MW-13 **Lab ID: 4082079013** Collected: 07/30/13 11:15 Received: 08/01/13 09:40 Matrix: Water

	Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
826	V	Analytical Method: EPA 8260								
Ber		<0.50	ug/L	1.0	0.50	1		08/05/13 09:05	71-43-2	
Br	nzene	<0.48	ug/L	1.0	0.48	1		08/05/13 09:05	108-86-1	
Br	romethane	<0.49	ug/L	1.0	0.49	1		08/05/13 09:05	74-97-5	
Br	loromethane	<0.45	ug/L	1.0	0.45	1		08/05/13 09:05	75-27-4	
Bro	m	<0.23	ug/L	1.0	0.23	1		08/05/13 09:05	75-25-2	
Bro	thane	<0.43	ug/L	5.0	0.43	1		08/05/13 09:05	74-83-9	
n-B	nzene	<0.40	ug/L	1.0	0.40	1		08/05/13 09:05	104-51-8	
sec	benzene	<0.60	ug/L	5.0	0.60	1		08/05/13 09:05	135-98-8	
ter	benzene	<0.42	ug/L	1.0	0.42	1		08/05/13 09:05	98-06-6	
Car	trachloride	<0.37	ug/L	1.0	0.37	1		08/05/13 09:05	56-23-5	
Cl	nzene	<0.36	ug/L	1.0	0.36	1		08/05/13 09:05	108-90-7	
Cl	ne	<0.44	ug/L	1.0	0.44	1		08/05/13 09:05	75-00-3	
Ch		<0.69	ug/L	5.0	0.69	1		08/05/13 09:05	67-66-3	
Ch	hane	<0.39	ug/L	1.0	0.39	1		08/05/13 09:05	74-87-3	
2-C	luene	<0.48	ug/L	1.0	0.48	1		08/05/13 09:05	95-49-8	
4-C	luene	<0.48	ug/L	1.0	0.48	1		08/05/13 09:05	106-43-4	
1,2	no-3-chloropropane	<1.5	ug/L	5.0	1.5	1		08/05/13 09:05	96-12-8	
Di	hloromethane	<1.9	ug/L	5.0	1.9	1		08/05/13 09:05	124-48-1	
1,2	noethane (EDB)	<0.38	ug/L	1.0	0.38	1		08/05/13 09:05	106-93-4	
Di	ethane	<0.48	ug/L	1.0	0.48	1		08/05/13 09:05	74-95-3	
1,2	obenzene	<0.44	ug/L	1.0	0.44	1		08/05/13 09:05	95-50-1	
1,3	obenzene	<0.45	ug/L	1.0	0.45	1		08/05/13 09:05	541-73-1	
1,4	obenzene	<0.43	ug/L	1.0	0.43	1		08/05/13 09:05	106-46-7	
Dic	luoromethane	<0.40	ug/L	1.0	0.40	1		08/05/13 09:05	75-71-8	
1,1	ch oethane	<0.28	ug/L	1.0	0.28	1		08/05/13 09:05	75-34-3	
1,2	chl oethane	<0.48	ug/L	1.0	0.48	1		08/05/13 09:05	107-06-2	
1,1	roethene	<0.43	ug/L	1.0	0.43	1		08/05/13 09:05	75-35-4	
cis	hloroethene	<0.42	ug/L	1.0	0.42	1		08/05/13 09:05	156-59-2	
tra	Dichloroethene	<0.37	ug/L	1.0	0.37	1		08/05/13 09:05	156-60-5	
1,2	propane	<0.50	ug/L	1.0	0.50	1		08/05/13 09:05	78-87-5	
1,3	propane	<0.46	ug/L	1.0	0.46	1		08/05/13 09:05	142-28-9	
2,2	propane	<0.37	ug/L	1.0	0.37	1		08/05/13 09:05	594-20-7	
1,1	opropene	<0.51	ug/L	1.0	0.51	1		08/05/13 09:05	563-58-6	
cis	loropropene	<0.29	ug/L	1.0	0.29	1		08/05/13 09:05	10061-01-5	
tra	1,3-Dichloropropene	<0.26	ug/L	1.0	0.26	1		08/05/13 09:05	10061-02-6	
Di	ether	<0.50	ug/L	1.0	0.50	1		08/05/13 09:05	108-20-3	
Et	ne	<0.50	ug/L	1.0	0.50	1		08/05/13 09:05	100-41-4	
He	-1,3-butadiene	<1.3	ug/L	5.0	1.3	1		08/05/13 09:05	87-68-3	
Is	nzene (Cumene)	<0.34	ug/L	1.0	0.34	1		08/05/13 09:05	98-82-8	
p-	oluene	<0.40	ug/L	1.0	0.40	1		08/05/13 09:05	99-87-6	
M	Chloride	<0.36	ug/L	1.0	0.36	1		08/05/13 09:05	75-09-2	
M	butyl ether	<0.49	ug/L	1.0	0.49	1		08/05/13 09:05	1634-04-4	
Na	e	<2.5	ug/L	5.0	2.5	1		08/05/13 09:05	91-20-3	
n-	yl zene	<0.50	ug/L	1.0	0.50	1		08/05/13 09:05	103-65-1	
St	e	<0.35	ug/L	1.0	0.35	1		08/05/13 09:05	100-42-5	
1,1	chloroethane	<0.45	ug/L	1.0	0.45	1		08/05/13 09:05	630-20-6	

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ANALYTICAL RESULTS

Pr 15807.4 K & W MANUFACTURING
P. ct No.: 4082079

Sa W-13 **Lab ID: 4082079013** Collected: 07/30/13 11:15 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
82	Analytical Method: EPA 8260								
1,1 achloroethane	**<0.38**	ug/L	1.0	0.38	1		08/05/13 09:05	79-34-5	
Te ethene	**<0.47**	ug/L	1.0	0.47	1		08/05/13 09:05	127-18-4	
To	**<0.44**	ug/L	1.0	0.44	1		08/05/13 09:05	108-88-3	
1, robenzene	**<0.77**	ug/L	5.0	0.77	1		08/05/13 09:05	87-61-6	
1,2 dich orobenzene	**<2.5**	ug/L	5.0	2.5	1		08/05/13 09:05	120-82-1	
1,1 richloroethane	**<0.44**	ug/L	1.0	0.44	1		08/05/13 09:05	71-55-6	
1,1 ichloroethane	**<0.39**	ug/L	1.0	0.39	1		08/05/13 09:05	79-00-5	
Tri ene	**<0.43**	ug/L	1.0	0.43	1		08/05/13 09:05	79-01-6	
Tri oromethane	**<0.48**	ug/L	1.0	0.48	1		08/05/13 09:05	75-69-4	
1,2 ropropane	**<0.47**	ug/L	1.0	0.47	1		08/05/13 09:05	96-18-4	
1, hylbenzene	**<0.57**	ug/L	5.0	0.57	1		08/05/13 09:05	95-63-6	
1, ylbenzene	**<2.5**	ug/L	5.0	2.5	1		08/05/13 09:05	108-67-8	
Vi e	**<0.18**	ug/L	1.0	0.18	1		08/05/13 09:05	75-01-4	
m-	**<0.82**	ug/L	2.0	0.82	1		08/05/13 09:05	179601-23-1	
o-> e	**<0.50**	ug/L	1.0	0.50	1		08/05/13 09:05	95-47-6	
Su									
4-I orobenzene (S)	88	%	43-137		1		08/05/13 09:05	460-00-4	
Di romethane (S)	103	%	70-130		1		08/05/13 09:05	1868-53-7	
To (S)	94	%	55-137		1		08/05/13 09:05	2037-26-5	

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ANALYTICAL RESULTS

Pr 15807.4 K & W MANUFACTURING
Pa ct No.: 4082079

Sa DUPLICATE **Lab ID: 4082079014** Collected: 07/30/13 00:00 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
826	Analytical Method: EPA 8260								
Ber	**<0.50**	ug/L	1.0	0.50	1		08/05/13 09:27	71-43-2	
Br zene	**<0.48**	ug/L	1.0	0.48	1		08/05/13 09:27	108-86-1	
Br methane	**<0.49**	ug/L	1.0	0.49	1		08/05/13 09:27	74-97-5	
Br romethane	**<0.45**	ug/L	1.0	0.45	1		08/05/13 09:27	75-27-4	
Bro	**<0.23**	ug/L	1.0	0.23	1		08/05/13 09:27	75-25-2	
Bro hane	**<0.43**	ug/L	5.0	0.43	1		08/05/13 09:27	74-83-9	
n-B zene	**<0.40**	ug/L	1.0	0.40	1		08/05/13 09:27	104-51-8	
sec enzene	**<0.60**	ug/L	5.0	0.60	1		08/05/13 09:27	135-98-8	
ter enzene	**<0.42**	ug/L	1.0	0.42	1		08/05/13 09:27	98-06-6	
Ca rachloride	**<0.37**	ug/L	1.0	0.37	1		08/05/13 09:27	56-23-5	
Cl zene	**<0.36**	ug/L	1.0	0.36	1		08/05/13 09:27	108-90-7	
Cl	**<0.44**	ug/L	1.0	0.44	1		08/05/13 09:27	75-00-3	
Cl	**<0.69**	ug/L	5.0	0.69	1		08/05/13 09:27	67-66-3	
Cl ane	**<0.39**	ug/L	1.0	0.39	1		08/05/13 09:27	74-87-3	
2-C uene	**<0.48**	ug/L	1.0	0.48	1		08/05/13 09:27	95-49-8	
4-C ene	**<0.48**	ug/L	1.0	0.48	1		08/05/13 09:27	106-43-4	
1,2 -3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		08/05/13 09:27	96-12-8	
Di oromethane	**<1.9**	ug/L	5.0	1.9	1		08/05/13 09:27	124-48-1	
1,2 ethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		08/05/13 09:27	106-93-4	
Di thane	**<0.48**	ug/L	1.0	0.48	1		08/05/13 09:27	74-95-3	
1,2 enzene	**<0.44**	ug/L	1.0	0.44	1		08/05/13 09:27	95-50-1	
1,3 enzene	**<0.45**	ug/L	1.0	0.45	1		08/05/13 09:27	541-73-1	
1,4 benzene	**<0.43**	ug/L	1.0	0.43	1		08/05/13 09:27	106-46-7	
Di oromethane	**<0.40**	ug/L	1.0	0.40	1		08/05/13 09:27	75-71-8	
1,1 ethane	**<0.28**	ug/L	1.0	0.28	1		08/05/13 09:27	75-34-3	
1,2 ethane	**<0.48**	ug/L	1.0	0.48	1		08/05/13 09:27	107-06-2	
1,1 ethene	**<0.43**	ug/L	1.0	0.43	1		08/05/13 09:27	75-35-4	
cis loroethene	**<0.42**	ug/L	1.0	0.42	1		08/05/13 09:27	156-59-2	
tra hloroethene	**<0.37**	ug/L	1.0	0.37	1		08/05/13 09:27	156-60-5	
1,2 ropane	**<0.50**	ug/L	1.0	0.50	1		08/05/13 09:27	78-87-5	
1,3 ropane	**<0.46**	ug/L	1.0	0.46	1		08/05/13 09:27	142-28-9	
2,2 ropane	**<0.37**	ug/L	1.0	0.37	1		08/05/13 09:27	594-20-7	
1,1 opropene	**<0.51**	ug/L	1.0	0.51	1		08/05/13 09:27	563-58-6	
cis propropene	**<0.29**	ug/L	1.0	0.29	1		08/05/13 09:27	10061-01-5	
tra floropropene	**<0.26**	ug/L	1.0	0.26	1		08/05/13 09:27	10061-02-6	
Di ether	**<0.50**	ug/L	1.0	0.50	1		08/05/13 09:27	108-20-3	
Et	**<0.50**	ug/L	1.0	0.50	1		08/05/13 09:27	100-41-4	
He ,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		08/05/13 09:27	87-68-3	
Is zene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		08/05/13 09:27	98-82-8	
p- uene	**<0.40**	ug/L	1.0	0.40	1		08/05/13 09:27	99-87-6	
M loride	**<0.36**	ug/L	1.0	0.36	1		08/05/13 09:27	75-09-2	
M tyl ether	**<0.49**	ug/L	1.0	0.49	1		08/05/13 09:27	1634-04-4	
Na	**<2.5**	ug/L	5.0	2.5	1		08/05/13 09:27	91-20-3	
n- ene	**<0.50**	ug/L	1.0	0.50	1		08/05/13 09:27	103-65-1	
St	**<0.35**	ug/L	1.0	0.35	1		08/05/13 09:27	100-42-5	
1,1 hloroethane	**<0.45**	ug/L	1.0	0.45	1		08/05/13 09:27	630-20-6	

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ANALYTICAL RESULTS

Project: 15807.4 K & W MANUFACTURING
Pace Project No.: 4082079

Sample: DUPLICATE **Lab ID: 4082079014** Collected: 07/30/13 00:00 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/05/13 09:27	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		08/05/13 09:27	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		08/05/13 09:27	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		08/05/13 09:27	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		08/05/13 09:27	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		08/05/13 09:27	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		08/05/13 09:27	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		08/05/13 09:27	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		08/05/13 09:27	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		08/05/13 09:27	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		08/05/13 09:27	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		08/05/13 09:27	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		08/05/13 09:27	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		08/05/13 09:27	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		08/05/13 09:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	43-137		1		08/05/13 09:27	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		08/05/13 09:27	1868-53-7	
Toluene-d8 (S)	96	%	55-137		1		08/05/13 09:27	2037-26-5	

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ANALYTICAL RESULTS

Pr 15807.4 K & W MANUFACTURING
P No.: 4082079

Sa P BLANK **Lab ID: 4082079015** Collected: 07/30/13 00:00 Received: 08/01/13 09:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
82	Analytical Method: EPA 8260								
Be	<0.50	ug/L	1.0	0.50	1		08/02/13 16:04	71-43-2	
Br ene	<0.48	ug/L	1.0	0.48	1		08/02/13 16:04	108-86-1	
Br ethane	<0.49	ug/L	1.0	0.49	1		08/02/13 16:04	74-97-5	
Br nethane	<0.45	ug/L	1.0	0.45	1		08/02/13 16:04	75-27-4	
Br	<0.23	ug/L	1.0	0.23	1		08/02/13 16:04	75-25-2	
Br ne	<0.43	ug/L	5.0	0.43	1		08/02/13 16:04	74-83-9	
n-B se	<0.40	ug/L	1.0	0.40	1		08/02/13 16:04	104-51-8	
se Butylb zene	<0.60	ug/L	5.0	0.60	1		08/02/13 16:04	135-98-8	
te Butylb nzene	<0.42	ug/L	1.0	0.42	1		08/02/13 16:04	98-06-6	
Ca on te chloride	<0.37	ug/L	1.0	0.37	1		08/02/13 16:04	56-23-5	
C roben ne	<0.36	ug/L	1.0	0.36	1		08/02/13 16:04	108-90-7	
C roeth	<0.44	ug/L	1.0	0.44	1		08/02/13 16:04	75-00-3	
C ofor	<0.69	ug/L	5.0	0.69	1		08/02/13 16:04	67-66-3	
Cl ome e	<0.39	ug/L	1.0	0.39	1		08/02/13 16:04	74-87-3	
2-C ro ne	<0.48	ug/L	1.0	0.48	1		08/02/13 16:04	95-49-8	
4-C ne	<0.48	ug/L	1.0	0.48	1		08/02/13 16:04	106-43-4	
1,2 Dibron 3-chloropropane	<1.5	ug/L	5.0	1.5	1		08/02/13 16:04	96-12-8	
Di omoch romethane	<1.9	ug/L	5.0	1.9	1		08/02/13 16:04	124-48-1	
1,2 Dibron thane (EDB)	<0.38	ug/L	1.0	0.38	1		08/02/13 16:04	106-93-4	
Di omom nane	<0.48	ug/L	1.0	0.48	1		08/02/13 16:04	74-95-3	
1,2 Dichlor nzene	<0.44	ug/L	1.0	0.44	1		08/02/13 16:04	95-50-1	
1, Dichlo nzene	<0.45	ug/L	1.0	0.45	1		08/02/13 16:04	541-73-1	
1, Dichlo nzene	<0.43	ug/L	1.0	0.43	1		08/02/13 16:04	106-46-7	
Di rod romethane	<0.40	ug/L	1.0	0.40	1		08/02/13 16:04	75-71-8	
1,1 hane	<0.28	ug/L	1.0	0.28	1		08/02/13 16:04	75-34-3	
1,2 Dichlo ane	<0.48	ug/L	1.0	0.48	1		08/02/13 16:04	107-06-2	
1,1 Dichlor hene	<0.43	ug/L	1.0	0.43	1		08/02/13 16:04	75-35-4	
cis 1,2-Dic oethene	<0.42	ug/L	1.0	0.42	1		08/02/13 16:04	156-59-2	
tra s-1,2-D loroethene	<0.37	ug/L	1.0	0.37	1		08/02/13 16:04	156-60-5	
1,2 Dichlor pane	<0.50	ug/L	1.0	0.50	1		08/02/13 16:04	78-87-5	
1, Dichlor pane	<0.46	ug/L	1.0	0.46	1		08/02/13 16:04	142-28-9	
2, Dichlo pane	<0.37	ug/L	1.0	0.37	1		08/02/13 16:04	594-20-7	
1,1 ichlo opene	<0.51	ug/L	1.0	0.51	1		08/02/13 16:04	563-58-6	
cis -D opropene	<0.29	ug/L	1.0	0.29	1		08/02/13 16:04	10061-01-5	
tra 1,3- oropropene	<0.26	ug/L	1.0	0.26	1		08/02/13 16:04	10061-02-6	
Di opropy er	<0.50	ug/L	1.0	0.50	1		08/02/13 16:04	108-20-3	
Et lbenz	<0.50	ug/L	1.0	0.50	1		08/02/13 16:04	100-41-4	
He achlor 3-butadiene	<1.3	ug/L	5.0	1.3	1		08/02/13 16:04	87-68-3	
Is opylb ne (Cumene)	<0.34	ug/L	1.0	0.34	1		08/02/13 16:04	98-82-8	
p- ipropy ene	<0.40	ug/L	1.0	0.40	1		08/02/13 16:04	99-87-6	
M ylene ride	<0.36	ug/L	1.0	0.36	1		08/02/13 16:04	75-09-2	
M M-ter l ether	<0.49	ug/L	1.0	0.49	1		08/02/13 16:04	1634-04-4	
N hal	<2.5	ug/L	5.0	2.5	1		08/02/13 16:04	91-20-3	
n- yl ne	<0.50	ug/L	1.0	0.50	1		08/02/13 16:04	103-65-1	
S ne	<0.35	ug/L	1.0	0.35	1		08/02/13 16:04	100-42-5	
1,1 ,2-Te loroethane	<0.45	ug/L	1.0	0.45	1		08/02/13 16:04	630-20-6	

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ANALYTICAL RESULTS

P ct: 15807.4 K & W MANUFACTURING
P lo.: 4082079

S BLANK **Lab ID: 4082079015** Collected: 07/30/13 00:00 Received: 08/01/13 09:40 Matrix: Water

	rameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
82) MSV		Analytical Method: EPA 8260								
1,' ,2-To	hloroethane	**<0.38**	ug/L	1.0	0.38	1		08/02/13 16:04	79-34-5	
Te lor	ene	**<0.47**	ug/L	1.0	0.47	1		08/02/13 16:04	127-18-4	
To		**<0.44**	ug/L	1.0	0.44	1		08/02/13 16:04	108-88-3	
1	benzene	**<0.77**	ug/L	5.0	0.77	1		08/02/13 16:04	87-61-6	
1,	benzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 16:04	120-82-1	
1, Tricl	ethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 16:04	71-55-6	
1, -Tricl	ethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 16:04	79-00-5	
Tr loroet	e	**<0.43**	ug/L	1.0	0.43	1		08/02/13 16:04	79-01-6	
Tr lorofo	omethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 16:04	75-69-4	
1, -Tricl	propane	**<0.47**	ug/L	1.0	0.47	1		08/02/13 16:04	96-18-4	
1	lbenzene	**<0.57**	ug/L	5.0	0.57	1		08/02/13 16:04	95-63-6	
1.	lbenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 16:04	108-67-8	
V		**<0.18**	ug/L	1.0	0.18	1		08/02/13 16:04	75-01-4	
m		**<0.82**	ug/L	2.0	0.82	1		08/02/13 16:04	179601-23-1	
o-		**<0.50**	ug/L	1.0	0.50	1		08/02/13 16:04	95-47-6	
S										
4-	benzene (S)	86	%	43-137		1		08/02/13 16:04	460-00-4	
D	methane (S)	104	%	70-130		1		08/02/13 16:04	1868-53-7	
To	)	95	%	55-137		1		08/02/13 16:04	2037-26-5	

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ANALYTICAL RESULTS

Pr 15807.4 K & W MANUFACTURING
P. t No.: 4082079

Sa -2 **Lab ID: 4082079016** Collected: 07/30/13 15:04 Received: 08/01/13 09:40 Matrix: Water

	Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
82		Analytical Method: EPA 8260								
Be		**<0.50**	ug/L	1.0	0.50	1		08/02/13 15:19	71-43-2	
Br	ne	**<0.48**	ug/L	1.0	0.48	1		08/02/13 15:19	108-86-1	
Br	methane	**<0.49**	ug/L	1.0	0.49	1		08/02/13 15:19	74-97-5	
Br	omethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 15:19	75-27-4	
Br		**<0.23**	ug/L	1.0	0.23	1		08/02/13 15:19	75-25-2	
Br	ne	**<0.43**	ug/L	5.0	0.43	1		08/02/13 15:19	74-83-9	
n-I	ne	**<0.40**	ug/L	1.0	0.40	1		08/02/13 15:19	104-51-8	
se	nzene	**<0.60**	ug/L	5.0	0.60	1		08/02/13 15:19	135-98-8	
te	nzene	**<0.42**	ug/L	1.0	0.42	1		08/02/13 15:19	98-06-6	
Ca	chloride	**<0.37**	ug/L	1.0	0.37	1		08/02/13 15:19	56-23-5	
Cl	ne	**<0.36**	ug/L	1.0	0.36	1		08/02/13 15:19	108-90-7	
C		**<0.44**	ug/L	1.0	0.44	1		08/02/13 15:19	75-00-3	
C		**<0.69**	ug/L	5.0	0.69	1		08/02/13 15:19	67-66-3	
Cl	ne	**<0.39**	ug/L	1.0	0.39	1		08/02/13 15:19	74-87-3	
2-(	ene	**<0.48**	ug/L	1.0	0.48	1		08/02/13 15:19	95-49-8	
4-(	ne	**<0.48**	ug/L	1.0	0.48	1		08/02/13 15:19	106-43-4	
1,2	3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		08/02/13 15:19	96-12-8	
Di	romethane	**<1.9**	ug/L	5.0	1.9	1		08/02/13 15:19	124-48-1	
1,2	ethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		08/02/13 15:19	106-93-4	
D	hane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 15:19	74-95-3	
1,	enzene	**<0.44**	ug/L	1.0	0.44	1		08/02/13 15:19	95-50-1	
1,	enzene	**<0.45**	ug/L	1.0	0.45	1		08/02/13 15:19	541-73-1	
1,	enzene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 15:19	106-46-7	
Di	romethane	**<0.40**	ug/L	1.0	0.40	1		08/02/13 15:19	75-71-8	
1,1	thane	**<0.28**	ug/L	1.0	0.28	1		08/02/13 15:19	75-34-3	
1,1	thane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 15:19	107-06-2	
1,	thene	**<0.43**	ug/L	1.0	0.43	1		08/02/13 15:19	75-35-4	
ci	roethene	**26.3**	ug/L	1.0	0.42	1		08/02/13 15:19	156-59-2	
tr	hloroethene	**1.8**	ug/L	1.0	0.37	1		08/02/13 15:19	156-60-5	
1,	ropane	**<0.50**	ug/L	1.0	0.50	1		08/02/13 15:19	78-87-5	
1,	ropane	**<0.46**	ug/L	1.0	0.46	1		08/02/13 15:19	142-28-9	
2,	ropane	**<0.37**	ug/L	1.0	0.37	1		08/02/13 15:19	594-20-7	
1,	ropene	**<0.51**	ug/L	1.0	0.51	1		08/02/13 15:19	563-58-6	
ci	ropropene	**<0.29**	ug/L	1.0	0.29	1		08/02/13 15:19	10061-01-5	
tr	loropropene	**<0.26**	ug/L	1.0	0.26	1		08/02/13 15:19	10061-02-6	
D	her	**<0.50**	ug/L	1.0	0.50	1		08/02/13 15:19	108-20-3	
E		**<0.50**	ug/L	1.0	0.50	1		08/02/13 15:19	100-41-4	
H	,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		08/02/13 15:19	87-68-3	
Is	ene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		08/02/13 15:19	98-82-8	
p-	uene	**<0.40**	ug/L	1.0	0.40	1		08/02/13 15:19	99-87-6	
M	loride	**<0.36**	ug/L	1.0	0.36	1		08/02/13 15:19	75-09-2	
M	tyl ether	**<0.49**	ug/L	1.0	0.49	1		08/02/13 15:19	1634-04-4	
N		**<2.5**	ug/L	5.0	2.5	1		08/02/13 15:19	91-20-3	
n-	ene	**<0.50**	ug/L	1.0	0.50	1		08/02/13 15:19	103-65-1	
S		**<0.35**	ug/L	1.0	0.35	1		08/02/13 15:19	100-42-5	
1,	hloroethane	**<0.45**	ug/L	1.0	0.45	1		08/02/13 15:19	630-20-6	

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ANALYTICAL RESULTS

P 15807.4 K & W MANUFACTURING
P No.: 4082079
S 2 **Lab ID: 4082079016** Collected: 07/30/13 15:04 Received: 08/01/13 09:40 Matrix: Water

	Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
82		Analytical Method: EPA 8260								
1,	chloroethane	**<0.38**	ug/L	1.0	0.38	1		08/02/13 15:19	79-34-5	
T	hene	**1.7**	ug/L	1.0	0.47	1		08/02/13 15:19	127-18-4	
T		**<0.44**	ug/L	1.0	0.44	1		08/02/13 15:19	108-88-3	
1	benzene	**<0.77**	ug/L	5.0	0.77	1		08/02/13 15:19	87-61-6	
1,	obenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 15:19	120-82-1	
1,	oethane	**<0.44**	ug/L	1.0	0.44	1		08/02/13 15:19	71-55-6	
1,	oethane	**<0.39**	ug/L	1.0	0.39	1		08/02/13 15:19	79-00-5	
Tr	ne	**1.6**	ug/L	1.0	0.43	1		08/02/13 15:19	79-01-6	
Ti	omethane	**<0.48**	ug/L	1.0	0.48	1		08/02/13 15:19	75-69-4	
1,	opropane	**<0.47**	ug/L	1.0	0.47	1		08/02/13 15:19	96-18-4	
1	lbenzene	**<0.57**	ug/L	5.0	0.57	1		08/02/13 15:19	95-63-6	
1	lbenzene	**<2.5**	ug/L	5.0	2.5	1		08/02/13 15:19	108-67-8	
V		**9.4**	ug/L	1.0	0.18	1		08/02/13 15:19	75-01-4	
n		**<0.82**	ug/L	2.0	0.82	1		08/02/13 15:19	179601-23-1	
o		**<0.50**	ug/L	1.0	0.50	1		08/02/13 15:19	95-47-6	
S										
4	obenzene (S)	89	%	43-137		1		08/02/13 15:19	460-00-4	
D	omethane (S)	105	%	70-130		1		08/02/13 15:19	1868-53-7	
T	)	95	%	55-137		1		08/02/13 15:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

P 15807.4 K & W MANUFACTURING
P t No.: 4082079

Q MSV/20700 Analysis Method: EPA 8260
Q ethod: EPA 8260 Analysis Description: 8260 MSV
As Lab Samples: 4082079001, 4082079002, 4082079003, 4082079004, 4082079005, 4082079006, 4082079007, 4082079008, 4082079009, 4082079010, 4082079011, 4082079012, 4082079013, 4082079014, 4082079015, 4082079016

M LANK: 832186 Matrix: Water
A Lab Samples: 4082079001, 4082079002, 4082079003, 4082079004, 4082079005, 4082079006, 4082079007, 4082079008, 4082079009, 4082079010, 4082079011, 4082079012, 4082079013, 4082079014, 4082079015, 4082079016

	Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,	chloroethane	ug/L	<0.45	1.0	08/02/13 07:04	
1,	roethane	ug/L	<0.44	1.0	08/02/13 07:04	
1,	achloroethane	ug/L	<0.38	1.0	08/02/13 07:04	
1,	roethane	ug/L	<0.39	1.0	08/02/13 07:04	
1,	ethane	ug/L	<0.28	1.0	08/02/13 07:04	
1	ethene	ug/L	<0.43	1.0	08/02/13 07:04	
1,	propene	ug/L	<0.51	1.0	08/02/13 07:04	
1,	robenzene	ug/L	<0.77	5.0	08/02/13 07:04	
1,	ropropane	ug/L	<0.47	1.0	08/02/13 07:04	
1,	robenzene	ug/L	<2.5	5.0	08/02/13 07:04	
1,	hylbenzene	ug/L	<0.57	5.0	08/02/13 07:04	
1,	-3-chloropropane	ug/L	<1.5	5.0	08/02/13 07:04	
1,	ethane (EDB)	ug/L	<0.38	1.0	08/02/13 07:04	
1,	enzene	ug/L	<0.44	1.0	08/02/13 07:04	
1	thane	ug/L	<0.48	1.0	08/02/13 07:04	
1	ropane	ug/L	<0.50	1.0	08/02/13 07:04	
1	hylbenzene	ug/L	<2.5	5.0	08/02/13 07:04	
1	enzene	ug/L	<0.45	1.0	08/02/13 07:04	
1	ropane	ug/L	<0.46	1.0	08/02/13 07:04	
1,	enzene	ug/L	<0.43	1.0	08/02/13 07:04	
2	ropane	ug/L	<0.37	1.0	08/02/13 07:04	
2-	ne	ug/L	<0.48	1.0	08/02/13 07:04	
4	ne	ug/L	<0.48	1.0	08/02/13 07:04	
B		ug/L	<0.50	1.0	08/02/13 07:04	
B	e	ug/L	<0.48	1.0	08/02/13 07:04	
B	methane	ug/L	<0.49	1.0	08/02/13 07:04	
B	methane	ug/L	<0.45	1.0	08/02/13 07:04	
B		ug/L	<0.23	1.0	08/02/13 07:04	
B	e	ug/L	<0.43	5.0	08/02/13 07:04	
C	hloride	ug/L	<0.37	1.0	08/02/13 07:04	
C	e	ug/L	<0.36	1.0	08/02/13 07:04	
C		ug/L	<0.44	1.0	08/02/13 07:04	
C		ug/L	<0.69	5.0	08/02/13 07:04	
C	e	ug/L	<0.39	1.0	08/02/13 07:04	
c	roethene	ug/L	<0.42	1.0	08/02/13 07:04	
c	opropene	ug/L	<0.29	1.0	08/02/13 07:04	
D	omethane	ug/L	<1.9	5.0	08/02/13 07:04	
D	ane	ug/L	<0.48	1.0	08/02/13 07:04	
D	omethane	ug/L	<0.40	1.0	08/02/13 07:04	
D	er	ug/L	<0.50	1.0	08/02/13 07:04	
E		ug/L	<0.50	1.0	08/02/13 07:04	

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

P 15807.4 K & W MANUFACTURING
F lo.: 4082079

M NK: 832186 Matrix: Water

A b Samples: 4082079001, 4082079002, 4082079003, 4082079004, 4082079005, 4082079006, 4082079007, 4082079008, 4082079009, 4082079010, 4082079011, 4082079012, 4082079013, 4082079014, 4082079015, 4082079016

	Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
H	1,3-butadiene	ug/L	<1.3	5.0	08/02/13 07:04	
Is	ene (Cumene)	ug/L	<0.34	1.0	08/02/13 07:04	
n		ug/L	<0.82	2.0	08/02/13 07:04	
M	yl ether	ug/L	<0.49	1.0	08/02/13 07:04	
M	oride	ug/L	<0.36	1.0	08/02/13 07:04	
n	e	ug/L	<0.40	1.0	08/02/13 07:04	
n-	ene	ug/L	<0.50	1.0	08/02/13 07:04	
N		ug/L	<2.5	5.0	08/02/13 07:04	
o-		ug/L	<0.50	1.0	08/02/13 07:04	
p-	ene	ug/L	<0.40	1.0	08/02/13 07:04	
s	ene	ug/L	<0.60	5.0	08/02/13 07:04	
S		ug/L	<0.35	1.0	08/02/13 07:04	
t	ene	ug/L	<0.42	1.0	08/02/13 07:04	
T	ne	ug/L	<0.47	1.0	08/02/13 07:04	
T		ug/L	<0.44	1.0	08/02/13 07:04	
tr	loroethene	ug/L	<0.37	1.0	08/02/13 07:04	
tr	hloropropene	ug/L	<0.26	1.0	08/02/13 07:04	
Tr	ne	ug/L	<0.43	1.0	08/02/13 07:04	
T	methane	ug/L	<0.48	1.0	08/02/13 07:04	
V		ug/L	<0.18	1.0	08/02/13 07:04	
4	benzene (S)	%	89	43-137	08/02/13 07:04	
D	methane (S)	%	101	70-130	08/02/13 07:04	
T		%	99	55-137	08/02/13 07:04	

L Y CONTROL SAMPLE & LCSD: 832187 832188

	Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1	ethane	ug/L	50	53.2	51.9	106	104	70-136	2	20	
1	loroethane	ug/L	50	50.3	49.2	101	98	70-130	2	20	
1	thane	ug/L	50	51.5	51.2	103	102	70-130	1	20	
1	ane	ug/L	50	53.6	51.3	107	103	70-146	4	20	
1	ene	ug/L	50	53.8	51.8	108	104	70-130	4	20	
1	benzene	ug/L	50	49.8	49.9	100	100	70-130	0	20	
1,	-chloropropane	ug/L	50	45.0	44.2	90	88	46-150	2	20	
1,	thane (EDB)	ug/L	50	50.4	50.6	101	101	70-130	0	20	
1,	nzene	ug/L	50	51.6	51.3	103	103	70-130	1	20	
1	ane	ug/L	50	53.9	51.4	108	103	70-144	5	20	
1	pane	ug/L	50	52.5	54.5	105	109	70-136	4	20	
1	zene	ug/L	50	50.3	49.8	101	100	70-130	1	20	
1	zene	ug/L	50	49.4	48.9	99	98	70-130	1	20	
B		ug/L	50	55.1	55.4	110	111	70-137	0	20	
B	methane	ug/L	50	50.3	52.3	101	105	70-133	4	20	
B		ug/L	50	47.5	47.8	95	96	59-130	1	20	
B	e	ug/L	50	39.3	40.3	79	81	41-148	2	20	

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QUALITY CONTROL DATA

P 15807.4 K & W MANUFACTURING
F o.: 4082079

L CONTROL SAMPLE & LCSD: 832187 832188

	Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
C	loride	ug/L	50	53.5	52.3	107	105	70-154	2	20	
C	e	ug/L	50	51.5	51.9	103	104	70-130	1	20	
C		ug/L	50	55.0	53.6	110	107	70-139	3	20	
C		ug/L	50	53.1	51.1	106	102	70-130	4	20	
C	e	ug/L	50	50.0	49.8	100	100	45-154	0	20	
ci	ethene	ug/L	50	51.4	49.0	103	98	70-130	5	20	
ci	opropene	ug/L	50	44.2	46.1	88	92	70-136	4	20	
D	methane	ug/L	50	48.9	48.4	98	97	70-130	1	20	
D	omethane	ug/L	50	45.0	45.8	90	92	20-157	2	20	
E		ug/L	50	53.9	54.4	108	109	70-130	1	20	
Is	ene (Cumene)	ug/L	50	50.0	50.3	100	101	70-130	1	20	
n		ug/L	100	109	109	109	109	70-130	0	20	
M	yl ether	ug/L	50	43.3	41.0	87	82	59-141	5	20	
M	ride	ug/L	50	53.5	52.1	107	104	70-130	3	20	
o		ug/L	50	50.9	51.3	102	103	70-130	1	20	
S		ug/L	50	49.5	49.6	99	99	70-130	0	20	
T	ene	ug/L	50	47.9	46.6	96	93	70-130	3	20	
T		ug/L	50	52.7	52.4	105	105	70-130	1	20	
tr	oroethene	ug/L	50	54.1	51.0	108	102	70-130	6	20	
tr	oropropene	ug/L	50	46.4	45.6	93	91	55-135	2	20	
T	e	ug/L	50	53.3	55.2	107	110	70-130	4	20	
T	methane	ug/L	50	53.8	51.7	108	103	50-150	4	20	
V		ug/L	50	54.7	52.6	109	105	61-143	4	20	
4	enzene (S)	%				101	99	43-137			
D	ethane (S)	%				103	102	70-130			
T		%				98	98	55-137			

M & MATRIX SPIKE DUPLICATE: 832211 832212

	ameter	Units	4082079003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1	thane	ug/L	<0.44	50	50	54.3	53.1	109	106	70-136	2	20	
1	oroethane	ug/L	<0.38	50	50	51.3	49.8	103	100	70-130	3	20	
1	thane	ug/L	<0.39	50	50	51.9	50.3	104	101	70-130	3	20	
1	ane	ug/L	<0.28	50	50	50.1	47.6	100	95	70-146	5	20	
1	ene	ug/L	<0.43	50	50	52.1	51.6	104	103	70-130	1	20	
1	enzene	ug/L	<2.5	50	50	50.2	48.1	100	96	70-130	4	20	
1	chloropropane	ug/L	<1.5	50	50	45.0	42.4	90	85	46-150	6	20	
1	ane (EDB)	ug/L	<0.38	50	50	51.3	49.8	103	100	70-130	3	20	
1	zene	ug/L	<0.44	50	50	52.1	49.5	104	99	70-130	5	20	
1	ane	ug/L	<0.48	50	50	53.8	49.0	108	98	70-146	9	20	
1	pane	ug/L	<0.50	50	50	55.0	51.6	110	103	70-136	7	20	
1	zene	ug/L	<0.45	50	50	50.4	48.9	101	98	70-130	3	20	
1	zene	ug/L	<0.43	50	50	49.4	47.2	99	94	70-130	4	20	
B		ug/L	<0.50	50	50	55.9	54.2	112	108	70-137	3	20	
E	ethane	ug/L	<0.45	50	50	52.2	49.0	104	98	70-133	6	20	
B		ug/L	<0.23	50	50	47.5	45.6	95	91	57-130	4	20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

P 15807.4 K & W MANUFACTURING
P o.: 4082079

M & MATRIX SPIKE DUPLICATE: 832211 832212

	rameter	Units	4082079003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
B	e	ug/L	<0.43	50	50	39.8	38.7	80	77	41-148	3	20	
C	loride	ug/L	<0.37	50	50	55.9	55.4	112	111	70-154	1	20	
C	e	ug/L	<0.36	50	50	52.3	50.5	105	101	70-130	4	20	
C		ug/L	<0.44	50	50	51.7	49.2	103	98	70-140	5	20	
C		ug/L	<0.69	50	50	52.3	49.5	105	99	70-130	5	20	
C	e	ug/L	<0.39	50	50	49.6	48.4	99	97	45-154	2	20	
ci	oethene	ug/L	1.5	50	50	48.8	46.3	95	90	70-130	5	20	
ci	opropene	ug/L	<0.29	50	50	46.2	44.9	92	90	70-136	3	20	
D	nethane	ug/L	<1.9	50	50	48.3	47.0	97	94	70-130	3	20	
D	omethane	ug/L	<0.40	50	50	48.7	53.4	97	107	10-157	9	20	
E		ug/L	<0.50	50	50	54.5	53.3	109	107	70-130	2	20	
I	ne (Cumene)	ug/L	<0.34	50	50	50.0	49.4	100	99	70-130	1	20	
n		ug/L	<0.82	100	100	109	106	109	106	70-130	2	20	
M	l ether	ug/L	<0.49	50	50	39.8	37.3	80	75	59-141	6	20	
M	ride	ug/L	<0.36	50	50	50.6	47.4	101	95	70-130	6	20	
o		ug/L	<0.50	50	50	51.1	48.9	102	98	70-130	4	20	
S		ug/L	<0.35	50	50	49.2	47.8	98	96	35-164	3	20	
T	ne	ug/L	31.1	50	50	81.3	82.6	100	103	70-130	2	20	
T		ug/L	<0.44	50	50	52.5	51.4	105	103	70-130	2	20	
tr	oroethene	ug/L	<0.37	50	50	50.1	47.9	100	96	70-130	4	20	
t	opropene	ug/L	<0.26	50	50	45.8	44.4	92	89	55-137	3	20	
T	e	ug/L	4.4	50	50	59.8	57.1	111	106	70-130	5	20	
T	nethane	ug/L	<0.48	50	50	54.4	56.2	109	112	50-150	3	20	
V		ug/L	0.62J	50	50	53.7	52.3	106	103	59-144	3	20	
4	enzene (S)	%						99	101	43-137			
D	nethane (S)	%						102	102	70-130			
T		%						97	99	55-137			

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QUALIFIERS

P 15807.4 K & W MANUFACTURING
F lo.: 4082079

D

ilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of mple aliquot, or moisture content.
t Detected at or above adjusted reporting limit.
mated concentration above the adjusted method detection limit and below the adjusted reporting limit.
djusted Method Detection Limit.
ce Reporting Limit.
orting Limit.
ogate
henylhydrazine (8270 listed analyte) decomposes to Azobenzene.
nt with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
- Laboratory Control Sample (Duplicate)
- Matrix Spike (Duplicate)
ample Duplicate
lative Percent Difference
Calculable.
ca Gel - Clean-Up
tes the compound was analyzed for, but not detected.
diphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for lyte is a combined concentration.
alytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
e NELAC Institute.

L S

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Pr 15807.4 K & W MANUFACTURING
Pa lo.: 4082079

La	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40	**MW-1**	EPA 8260	MSV/20700		
40	**MW-2**	EPA 8260	MSV/20700		
40	**MW-3**	EPA 8260	MSV/20700		
40	**MW-4**	EPA 8260	MSV/20700		
4(	**MW-5**	EPA 8260	MSV/20700		
40	**MW-6**	EPA 8260	MSV/20700		
40	**MW-7**	EPA 8260	MSV/20700		
40	**MW-8**	EPA 8260	MSV/20700		
40	**MW-9**	EPA 8260	MSV/20700		
40	**MW-10**	EPA 8260	MSV/20700		
40	**MW-11**	EPA 8260	MSV/20700		
40	**MW-12**	EPA 8260	MSV/20700		
4(	**MW-13**	EPA 8260	MSV/20700		
4	**DUPLICATE**	EPA 8260	MSV/20700		
4(	**TRIP BLANK**	EPA 8260	MSV/20700		
40	**PZ-2**	EPA 8260	MSV/20700		

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

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CHAIN OF CUSTODY

4082079

(Please Print Clearly)	
Company Name:	KPRG and ASSOCIATES
Branch/Location:	BROOKFIELD, WI
Project Contact:	RICH GNAT/JOSH DAVENPORT
Phone:	262-781-0475
Project Number:	15807.4
Project Name:	K+W MANUFACTURING
Project State:	WI
Sampled By (Print):	JOSH DAVENPORT
Sampled By (Sign):	
PO #:	Regulatory Program:

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

Quote #:	
Mail To Contact:	RICH / JOSH
Mail To Company:	KPRG and ASSOCIATES
Mail To Address:	14605 W. LISBON RD, STE 2B BROOKFIELD, WI 53005
Invoice To Contact:	RICH / JOSH
Invoice To Company:	KPRG
Invoice To Address:	SAME
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter				
					N	B				
001	MW-1	7/30	1340	GW			X		3-40mL B	
002	MW-2	7/30	1425	GW			X			
003	MW-3	7/30	1328	GW			X			
004	MW-4	7/31	0965	GW			X			
005	MW-5	7/30	1550	GW			X			
006	MW-6	7/30	1520	GW			X			
007	MW-7	7/31	0850	GW			X			
008	MW-8	7/30	1134	GW			X			
009	MW-9	7/31	0950	GW			X			
010	MW-10	7/30	1008	GW			X			
011	MW-11	7/30	0940	GW			X			
012	MW-12	7/30	0910	GW			X			
013	MW-13	7/30	1115	GW			X			

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

Transmit Prelim Rush Results by (complete what you want):
Email #1:

Relinquished By:	Date/Time:	Received By:	Date/Time:
	7/31/13 1207	Mary Jannin	7/31/13 1207
Mary Jannin	7/31/13 1515		

PACE Project No.: 4082079

Receipt Temp = 6.1 °C

special pricing and release of liability

Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

4082079

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	KPRG and ASSOCIATES
Branch/Location:	BROOKFIELD, WI
Project Contact:	RICH / JOSH
Phone:	262-781-0475
Project Number:	15807.9
Project Name:	K&W MANUFACTURING
Project State:	WI
Sampled By (Print):	JOSH DAVENPORT
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	RICH / JOSH
Mail To Company:	KPRG
Mail To Address:	14665 W. LISBON RD STE 2B BROOKFIELD, WI 53005
Invoice To Contact:	RICH / JOSH
Invoice To Company:	KPRG
Invoice To Address:	SAME
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	VOC			
014	DUPLICATE	-	-	GW	N	B	X		3-40mL B	
015	TRIP BLANK	-	-	W			X		2-40mL B	
016	PZ-2	7/30	1504	GW			X		3-40mL B	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (complete what you want):

Relinquished By:	Date/Time:	Received By:	Date/Time:
	7/31/13 12:07	Mary Fannin	7/31/13 12:07
Mary Fannin	7/31/13 15:15		

PACE Project No.

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

Analytical™

Sample Condition Upon Receipt

Client Name: KPR6 Project # 4082079

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

Tracking #:

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

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

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

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

Cooler Temperature Uncorr: /Corr: 20.1 Biological Tissue is Frozen: ☐ yes ☐ no

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

Person examining contents:
Date: 8-1-13
Initials: BF

				Comments:
Chain of Custody Present:	☐Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☐Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☐Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☐Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☐Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☐No	☐N/A	6.
Rush Turn Time Requested:	☐Yes	☐No	☐N/A	7.
	☐Yes	☐No	☐N/A	8.
Correct Containers Used:	☐Yes	☐No	☐N/A	9.
Sufficient Volume Used:	☐Yes	☐No	☐N/A	
Samples Received Using Correct Preservatives:	☐Yes	☐No	☐N/A	
	☐Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☐N/A	11.
Sample Labels match COC:	☐Yes	☐No	☐N/A	12.
Time/ID/Analysis Matrix:	W			
All containers needing preservation have been checked. (N exceptions noted in 13.)	☐Yes	☐No	☐N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4, pH<2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☐N/A	
Exceptions: VOA, Coliform, TOC, TOX, TOH, Phenolics, OTHER:	☐Yes	☐No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Trip Blank Present: Vials (>6mm):	☐Yes	☐No	☐N/A	14.
	☐Yes	☐No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased): 307				

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

Person Contacted: Date/Time:

Comments/Resolution:

Review: MAT for DM Date: 8·1·13