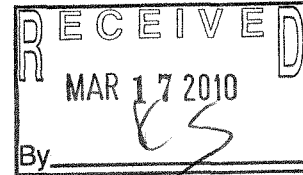


March 10, 2010

Mr. John Feeney
Wisconsin Department of Natural Resources
1155 Pilgrim Road
Plymouth, WI 53703-0408



**Subject: July Through December 2009 Semiannual Status Report
Monitored Natural Attenuation Demonstration
Tecumseh Products Company, Grafton, Wisconsin
WDNR FID #24009170, BRRTS #02-46000751**

Dear Mr. Feeney:

Monitored natural attenuation (MNA) is ongoing at the Tecumseh Products Company (Tecumseh) in Grafton, Wisconsin. In December 2007, RMT, Inc. (RMT), on behalf of Tecumseh, submitted an MNA Demonstration Workplan to the Wisconsin Department of Natural Resources (WDNR), which outlined four rounds of semiannual monitoring to be completed at the site. The WDNR approved this plan in a letter dated March 5, 2008. The first three rounds of sampling have been completed and reported to the WDNR. The purpose of this letter is to document the fourth, and final, monitoring event that was completed in October 2009, and to respond to each of the conditions listed by the WDNR in the March 2008 approval letter.

Status of Additional Activities

Within the WDNR's conceptual approval of the MNA Workplan, the WDNR specified additional items that must be addressed at the site in preparation for a future request for closure. These items and the status of work on the items are as follows:

1. *Submit maps of where residual soil and groundwater contamination is located.*

This will be done as part of a formal closure request.
2. *Complete additional investigation of the groundwater to the east of the plant near the Heiser well, and assess the vapor intrusion risk associated with the downgradient plume.*

These items were completed last year, and were summarized in the January 8, 2009 Status Letter.

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3. *Determine if other water supply wells are in the area near the plume*

This item was complete, and the results were summarized in the August, 25 2009 Status Letter.

4. *Conduct a vapor intrusion assessment of the Tecumseh building*

Tecumseh completed a subsurface vapor investigation of the facility in September 2009, and the results were submitted to the WDNR in a report dated November 17, 2009. A small area within the facility was found to contain subsurface vapor concentrations of 1,1,1-trichloroethane (TCA) and its daughter products that pose a potential vapor intrusion risk. RMT has prepared a workplan to mitigate the vapor intrusion risk, and this workplan is being submitted to the WDNR under separate cover, concurrent with this report.

5. *All institutional controls for the site should be in place prior to the start of the MNA program.*

This item is complete.

Semiannual Monitoring

Sampling Method

The fourth round of semiannual groundwater monitoring was completed between October 5 and 7, 2009 for the wells shown on Figure 1. Groundwater samples were collected using low-flow purging and sampling methods. (The previous consultants did not use low-flow sampling methods; however, low-flow sampling was specified for the implementation of the MNA Demonstration workplan.) Groundwater samples were sent to Pace Analytical Services, Inc., and laboratory-analyzed for chloride, iron, manganese, nitrogen, sulfate, total organic carbon (TOC), and chlorinated volatile organic compounds (CVOCs). The laboratory reports for this period are included in Attachment A. In addition, the water level, pH, specific conductivity, temperature, oxidation-reduction potential (ORP), and dissolved oxygen (DO) concentration of the groundwater samples were measured in the field.

Results

The results of the CVOC analysis are summarized in Table 1, and the results of the field parameter measurements and nonvolatile compound laboratory analyses are summarized in Table 2. In general, NR 140 ES exceedences for trichloroethene (TCE) do remain, but the overall plume containing TCE impacts is stable to decreasing in extent. There are currently no NR 140 ES exceedences for 1,1,1-TCA on-site or in the downgradient plume.

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March 10, 2010
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For the on-site wells in the West Dock Area, reductive dechlorination continues to control the transport of TCE in the groundwater; as demonstrated by the decrease in concentration of TCE between MW-25 and downgradient well MW-26, and the concurrent increase in the concentration of the breakdown products cis-1,2-DCE and vinyl chloride between these two wells. In addition, reducing conditions persist in this area, with ORP less than -50mV and DO less than 1 ppm.

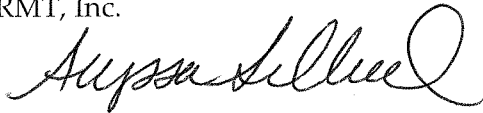
The TCE plume that extends downgradient from the West Dock Area is stable to decreasing in extent. The concentration of TCE, and all other CVOCs, continue to be below the limit of detection in sentinel wells MW-20BR1 and MW-20BR2. The concentrations of TCE at specific wells within the plume are relatively stable, with the exception of MW-9D, MW-18BR2, and MW-19B. In each case, a slight increasing trend in TCE has been observed over the most recent four sampling events. However, reductive dechlorination is on-going in each of these wells, as demonstrated by the elevated concentrations of cis-1,2-DCE and the presence of reducing conditions in the aquifer.

The completion of the October 2009 sampling event fulfills the four rounds of semi-annual MNA sampling that were approved by the WDNR for Tecumseh. In order to define the next steps for the site, RMT and Tecumseh met with the WDNR on February 23, 2010. Within that meeting, the WDNR agreed that additional sampling is not required for the site at this time, and that Tecumseh can apply for site closure, with the contingency that Tecumseh can demonstrate that the vapor intrusion risk will be mitigated. Tecumseh is submitting a Vapor Intrusion Remedy Workplan concurrent with this final Status letter and anticipates submitting the formal request for closure by April 2010.

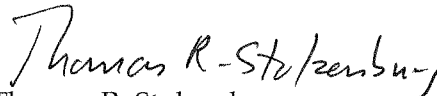
Please feel free to contact Mr. Tom Stolzenburg, at 608-662-5287, or Alyssa Sellwood, at 608-662-5480, if you have any questions.

Sincerely,

RMT, Inc.



Alyssa Sellwood, P.E.
Project Engineer



Thomas R. Stolzenburg
Senior Project Manager

Attachments: Tables 1 and 2
Figure 1
Attachment A – Laboratory Reports

cc: Jason Smith – Tecumseh Products Company
Henry Handzel – DeWitt, Ross, and Stevens
John Rice – RMT

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Table 1
 Summary of Chlorinated VOCs Detected in Groundwater (µg/L)
 Tecumseh Products Company - Grafton, Wisconsin

WELL I.D.	SAMPLE DATE	TCE	CIS-1,2-DCE	TRANS-1,2-DCE	VINYL CHLORIDE	1,1,1-TCA	1,1-DCA	1,1-DCE	CHLOROETHANE
On-Site Monitoring Wells									
NR 140 Enforcement Standard		5	70	100	0.2	200	850	7	400
NR 140 Preventive Action Limit		0.5	7	20	0.02	40	85	0.7	80
On-Site Monitoring Wells - West Dock Area									
MW-25	4/30/2008	354	4.7 J	<4.4	<0.9	<4.5	<3.8	<2.8	<4.8
	10/8/2008	3,770	534	<22.2	48.3	<22.5	<18.8	<14.2	<24.2
	4/20/2009	324	5.1	<1.8	<0.36	<1.8	<1.5	<1.1	<1.9
	10/5/2009	4,460	618	41.1	<4.5	<22.5	<18.8	<14.2	<24.2
MW-26	4/30/2008	39.5	345	2.8 J	210	<2.2	7.3	3.3 J	10
	10/8/2008	44.3	721	39	148	4.9 J	25.2	<2.8	13.6 J
	4/20/2009	33.5	597	13.3	183	4.7 J	21.1	5.6	10.1
	10/5/2009	34.0	868	19.7	238	6.1	29.2	<2.8	<4.8
Eastern Property Line Wells - Recycling Dock Area									
MW-24R	4/28/2008	1.2 J	<0.83	<0.89	0.52 J	<0.9	12.7	<0.57	75.8
	10/7/2008	1.8	1.5 J	<0.89	0.63	<0.9	1.1 J	<0.57	7.7
	4/22/2009	0.61 J	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	10/7/2009	1.0	<0.83	1.3	0.41 J	<0.9	9.0	<0.57	70.5
MW-3	4/28/2008	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	10/8/2008	DRY							
	4/20/2009	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	10/5/2009	DRY							
MW-3D	4/28/2008	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	10/8/2008	<0.48	<0.83	<0.89	<0.18	<0.9	4.5	<0.57	<0.97
	4/20/2009	<0.48	<0.83	<0.89	0.32 J	<0.9	<0.75	<0.57	15.8
	10/7/2009	<0.48	<0.83	<0.89	<0.18	<0.9	1.6	<0.57	<0.97
MW-3BR1	4/29/2008	102	18.5	<0.89	1.2	36.4	27.1	10.7	<0.97
	10/7/2008	104	18	<0.89	1.3	51	28.1	11.1	<0.97
	4/21/2009	133	19.8	<0.89	1.5	44.5	26	11.7	<0.97
	10/6/2009	96.3	18.9	<0.89	1.5	37.3	24.3	9.5	<0.97
MW-3BR2	4/29/2008	170	47.7	<0.89	2	3.9	12.6	1.6 J	<0.97
	10/7/2008	216	45.3	1.9 J	2.1	5.7	17.9	2.4	<0.97
	4/21/2009	172	36.3	<0.89	2.2	6.6	18.8	2.6	<0.97
	10/6/2009	111	27.8	<1.8	2.1	5.7	21.2	1.7 J	<1.9
MW-3BR3	4/28/2008	No Sample							
	10/7/2008	222	61	8.3	3.9	7.1 J	28	2.5 J	<2.4
	4/21/2009	247	65.7	2	5.1	6.7	29.5	5.6	<1.9
	10/6/2009	195	56.3	2.6	3.4	4.9	24.1	2.9	<1.9
Eastern Property Line Wells									
MW-9	4/28/2008	992	1,010	<0.89	<1.8	211	94.8	16.1 J	<9.7
	10/9/2008	1,200	819	9.8 J	<1.8	225	45.3	21.1	<9.7
	4/21/2009	429	310	7.5	<0.45	85.4	27.4	4.2	<2.4
	10/5/2009	1,090	573	12.3	<1.8	153	46.9	<5.7	<9.7
MW-9D	4/28/2008	519	89.2	<4.4	<0.9	78.9	111	11.4	<4.8
	10/9/2008	522	149	<8.9	10.6	59.1	130	6.3 J	<9.7
	4/21/2009	801	191	6.3	10.8	55.2	159	15.3	<4.8
	10/5/2009	1,680	374	27.7	16.7	68.5	73.9	6.4	<4.8
MW-12	4/28/2008	303	4.2 J	<4.4	<0.9	<4.5	<3.8	<2.8	<4.8
	10/9/2008	778	8.3 J	<8.9	<1.8	24.6 J	<7.5	<0.57	<9.7
	4/21/2009	618	<0.83	<0.89	<1.8	22.5	<7.5	<0.57	<9.7
	10/5/2009	618	15.9	<2.2	<0.45	23.6	5.9	<1.4	<2.4
MW-12BR	4/30/2008	24.6	91.8	<0.89	<0.18	24.9	38.9	4.2	<9.7
	10/8/2008	11.6	86.6	<0.89	<0.18	15.0	31.1	2.8	<9.7
	4/21/2009	76.8	45.9	<0.89	0.43 J	50.3	82.4	7.8	<9.7
	10/5/2009	36.6	78.0	<0.89	0.74 J	35.8	73.5	7.3	<9.7

Table 1 (continued)
 Summary of Chlorinated VOCs Detected in Groundwater (µg/L)
 Tecumseh Products Company - Grafton, Wisconsin

WELL I.D.	SAMPLE DATE	TCE	CIS-1,2-DCE	TRANS-1,2-DCE	VINYL CHLORIDE	1,1,1-TCA	1,1-DCA	1,1-DCE	CHLOROETHANE
MW-13BR2	4/29/2008	311	25.5	<2.2	1.8	185	191	7.5	<2.4
	10/8/2008	265	29	<0.89	2.7	155	158	34.8	<0.97
	4/21/2009	314	28.1	<1.8	2.9	164	162	27.5	<1.9
	10/5/2009	279	28.8	<1.8	3.6	129	160	25.8	<1.9
MW-13BR3	4/29/2008	149	13.4	<0.89	0.45 J	58.8	64.2	14.5	<0.97
	10/8/2008	115	13.9	<0.89	0.44 J	43.3	51.1	11.3	<0.97
	4/21/2009	149	13.8	<0.89	0.66 J	47.8	49.6	12.7	<0.97
	10/5/2009	115	12.8	<0.89	<0.18	32.4	42.6	10.2	<0.97
Off-Site Downgradient Wells									
MW-22BR	4/29/2008	53.2	8.8	<0.89	<0.18	<0.9	1.4 J	<0.57	<0.97
	10/8/2008	18.1	3.7	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	4/22/2009	39.5	5.4	<0.89	<0.18	<0.9	1.0	<0.57	<0.97 L
	10/7/2009	14.8	4.4	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
PW-30 (Heiser) ⁽¹⁾	4/29/2008	<i>1.2 J</i>	< 0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
MW-27 ⁽²⁾	7/22/2008	<i>0.98 J</i>	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	10/8/2008	<i>0.53 J</i>	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	4/22/2009	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97 L
	10/5/2009	<i>0.55 J</i>	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
MW-18BR1	4/29/2008	48.0	19	<0.89	<0.18	5.7	28.2	3.3	<0.97
	10/7/2008	48.6	16.9	<0.89	<0.18	5.3	25.8	3.1	<0.97
	4/22/2009	41.1	12.7	<0.89	<0.18	4.0	19.8	3.3	<0.97 L
	10/6/2009	20.4	7.4	<0.89	<0.18	2.2	11.0	1.2	<0.97
MW-18BR2	4/29/2008	129	63.9	1.4 J	<0.18	19.5	96.4	12.8	<0.97
	10/7/2008	146	63.4	2.8 J	<0.18	20.1	96.2	12.3	<0.97
	4/22/2009	150	60.7	1.2	<0.18	16.2	90.3	16.3	<0.97 L
	10/6/2009	124	58.4	1.4	<0.18	14.5	86.9	11.1	<0.97
MW-14BR	4/29/2008	0.49 J	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	10/8/2008	0.48 J	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	4/22/2009	<i>0.70 J</i>	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97 L
	10/5/2009	<i>0.95 J</i>	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
MW-19BR1	4/29/2008	18.3	2.6 J	<0.89	<0.18	<0.9	4.2	0.093 J	<0.97
	10/7/2008	227	125	2.6 J	7.8	<0.9	120	30.5	<0.97
	4/22/2009	251	69.1	5.4	2.7 J	<A94.5	95.6	5.5	<4.8 L
	10/6/2009	255	86.0	1.3	2.8	<0.9	96.5	13.7	<0.97
MW-19BR2	4/28/2008	No Sample							
	10/7/2008	<0.48	<0.83	<0.89	0.87	<0.9	<0.75	<0.57	<0.97
	4/22/2009	2.0	<0.83	<0.89	2.1	<0.9	0.83 J	<0.57	<0.97 L
	10/6/2009	1.1	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
MW-20BR1	4/29/2008	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	10/7/2008	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	4/22/2009	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97 L
	10/6/2009	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
MW-20BR2	4/29/2008	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	10/7/2008	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97
	4/22/2009	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97 L
	10/6/2009	<0.48	<0.83	<0.89	<0.18	<0.9	<0.75	<0.57	<0.97

Notes:

⁽¹⁾ PW-30 (Heiser) was abandoned on 9/3/08.

⁽²⁾ MW-27 was installed on 7/22/08.

Italicized values = constituents that exceed NR 140 Preventive Action Limits

Bolded values = constituents that exceed NR 140 Enforcement Standards.

J = concentration detected equal to or greater than the method detection limit but less than the reporting limit.

DCE = dichloroethene.

DCA = dichloroethane.

TCA = trichloroethane.

TCE = trichloroethene.

Entered by: PMP 11/15/09

QC by: AAS 11/16/09

Table 2
 Summary of Groundwater Field and Degradation Evaluation Parameters
 Tecumseh Products Company - Grafton, Wisconsin

SAMPLE LOCATION	SAMPLE DATE	WATER LEVEL	pH	SPECIFIC CONDUCTANCE	TEMPERATURE	ORP	DISSOLVED OXYGEN	DISSOLVED NITRATE	DISSOLVED MANGANESE	DISSOLVED IRON	DISSOLVED SULFATE	CHLORIDE	TOC	
UNITS		ft (MSL)		µmhoms/cm	°C	mV	mg/L	mg/L	ug/L	ug/L	mg/L	mg/L	mg/L	
On-Site Monitoring Wells														
MW-25	4/30/08	757.86	7.18	820	11.7	-62	0.22	< 0.085 H	60.7	< 26 H	92.4	28.2 B	< 1.4	
	10/8/08	753.01	7.20	875	14.9	-80	0.57	<0.085	66.6	<26	85.6	28.4	<1.4	
	4/20/09	755.59	7.26	845	10.9	39	1.36	0.18 J	61.2	0.4	91	20.2	2.6	
	10/5/09	752.09	7.24	895	14.9	-34	0.0	<0.25	62.1	--	97.9	36.3	1.9 J	
MW-26	4/30/08	753.61	7.09	970	15.0	-164	0.18	< 0.085 H	83.8	< 26 H	89.8	72.6	< 1.4	
	10/8/08	747.98	6.98	1,452	16.0	-183	0.96	<0.085	206	<26	92	186	3.3	
	4/20/09	750.87	6.98	1,345	14.6	-58	0.35	< 0.085	203	0.1	91.1	161	3.7	
	10/5/09	747.10	7.03	1,414	15.4	-167	0.0	<0.25	238	--	88.1	199	3.9	
Eastern Property Line Wells - Recycling Dock Area														
MW-24R	4/28/08	753.95	7.08	1,735	10.3	-182	0.18	< 0.085 H	189	130 H	20.5	402	6.4	
	10/7/08	747.87	7.10	1,080	16.5	-165	1.48 J	<0.085	140	<26	17.6	103	6.3	
	4/21/09	750.82	7.07	1,116	9.2	-54	0.43	0.17 J	148	0.8	16.8	157	3	
	10/7/09	746.90	6.94	1,121	15.9	-89	0.4	<0.25	151	--	16.3	115	13.9	
MW-3	4/28/08	755.21	7.25	1,343	8.1	176	4.51	3.6 H	8	< 26 H	21.4	241	1.9	
	10/8/08						Dry							
	4/20/09	752.68	7.23	1,165	6.4	133	6.91	0.6	6.9	0.1	19	188	3.4	
	10/5/09						Dry							
MW-3D	4/28/08	752.86	6.94	1,136	12.5	-172	0.17	< 0.085 H	115	150 H	74.8	111	< 1.4	
	10/8/08	746.81	7.12	1,189	15.0	-167	0.35	0.28 JH	73.2	<26	48.8	135	<1.4	
	4/20/09	NM	6.90	1,238	12.5	-42	0.27	0.26 J	190	1.5	58.9 M	134	3.9	
	10/7/09	745.97	7.20	1,125	14.4	-102	0.3	0.38 J	63.6	--	60.6	108	<1.4	
MW-3BR1	4/29/08	NM	7.08	768	13.0	-237	0.33	< 0.085	59	< 26 H	68.6	35.9 B	2.1	
	10/7/08	NM	7.13	790	16.1	-281	0.2	<0.085	59.5	<26	60.7	32.5	1.8 J	
	4/21/09	NM	7.05	798	12.0	-141	2.65	0.16 J	62.7	1	61.6	33.2	1.5 J	
	10/6/09	NM	7.03	795	15.8	NA	0.5	<0.25	58.9	--	65.7	36.2	<1.4	
MW-3BR2	4/29/08	NM	7.20	1,117	14.0	-221	0.15	< 0.085	46	< 26 H	83.4	102	< 1.4	
	10/7/08	NM	7.26	1,119	15.2	-169 R	0.5 R	<0.085	43.4	<26	82.8	99.8	1.4 J	
	4/21/09	NM	7.12	1,113	11.5	-85	0.7	< 0.085	50.2	0.6	84	99.7	< 1.4	
	10/6/09	NM	7.12	1,088	15.1	NA	NA	<0.25	39.7	--	92.8	90.4	<1.4	

Table 2 (continued)
 Summary of Groundwater Field and Degradation Evaluation Parameters
 Tecumseh Products Company - Grafton, Wisconsin

SAMPLE LOCATION	SAMPLE DATE	WATER LEVEL	pH	SPECIFIC CONDUCTANCE	TEMPERATURE	ORP	DISSOLVED OXYGEN	DISSOLVED NITRATE	DISSOLVED MANGANESE	DISSOLVED IRON	DISSOLVED SULFATE	CHLORIDE	TOC	
UNITS		ft. (MSL)		µmhoms/cm	°C	mV	mg/L	mg/L	ug/L	ug/L	mg/L	mg/L	mg/L	
MW-3BR3	4/29/08						No Sample							
	10/7/08	NM	7.18	1,012	14.9	-231	0.2	<0.085	50.7	<26	83.3	73.4	1.6 J	
	4/21/09	NM	7.03	1,024	13.0	-86	1.33	0.17 J	51.2	1	84.5	79	1.4 J	
	10/6/09	NM	7.08	1,030	15.4	NA	0.2	<0.25	48.6	--	91.2	86.4	<1.4	
<i>Eastern Property Line Wells</i>														
MW-9	4/28/08	752.98	6.97	2,170	9.0	220	3.95	4.8 H, M	1.1 J	< 26 H	27.9 M	437 M	2.7	
	10/9/08	746.73	6.87	1,371	17.6	56	1.19	3.3	17.9	<26	23.0 B	200	1.9 J	
	4/21/09	749.86	7.09	2,390	8.3	161	6.06	< 0.085	5	0.05	25	482	4	
	10/5/09	745.76	7.04	1,088	17.4	67	1.5	3.6	10.2	--	16.5	124	3.2	
MW-9D	4/28/08	752.92	7.18	1,183	11.8	-88	0.39	< 0.085 H	130	< 26 H	86.8	119	< 1.4	
	10/9/08	746.72	7.08	1,160	15.0	-98	0.15	<0.085	100	<26	87.2	117	<1.4	
	4/21/09	749.86	7.20	1,139	11.5	58	2.35	0.19 JM	79.2	0.8	75.4	158 M	< 1.4	
	10/5/09	745.78	7.22	1,108	15.5	-62	0.2	<0.25	122	--	86.7	106	35.3	
MW-12	4/28/08	753.01	7.17	769	9.0	250	2.39	0.18 H	9.1	< 26 H, R1	25.1 M	73.8 M	< 1.4	
	10/9/08	746.74	6.81	770	NA	124	0.85	0.20 J	28.1	<26	26.9 B	57.2	<1.4	
	4/21/09	749.92	6.79	981	9.2	246	0.48	0.19 J	26.8	0.2	20.6	106	1.5 J	
	10/5/09	745.77	7.16	1,237	15.2	142	1.0	<0.25	46.9	--	21.5	220	<1.4	
MW-12BR	4/30/08	752.61	7.18	1,031	11.2	-235	0.16	< 0.085 H	48.6	< 26 H	90.8	91.5	< 1.4	
	10/8/08	746.59	7.35	1,087	15.2	-323	0.49	<0.085	66.1	<26	60.2	87.3	<1.4	
	4/21/09	749.77	7.23	1,041	9.8	-11	0.36	0.25 J	48.1	1.5	82.1	88.8	1.9 J	
	10/5/09	745.59	7.51	1,054	14.6	-276	0.05	<0.25	34.3	--	63.9	94.1	<1.4	
MW-13BR2	4/29/08	NM	7.18	1,093	11.7	-201	0.29	< 0.085	73.4	< 26 H	87.6	108	< 1.4	
	10/8/08	NM	6.98	1,105	16.3	-215	0.42	0.58	73.5	<26	78	102	<1.4	
	4/21/09	NM	7.07	1,124	10.5	-80	1.46	0.52	76.4	0.8	86.9	103	1.8 J	
	10/5/09	NM	7.12	1,134	14.9	-186	0.6	<0.25	71.5	--	93.9	112	<1.4	
MW-13BR3	4/29/08	NM	7.21	917	12.0	-192	0.3	< 0.085	213	< 26 H	79.8	68.6	< 1.4	
	10/8/08	NM	7.05	943	16.5	-184	0.5	<0.085	212	<26	77.3	61.5	<1.4	
	4/21/09	NM	7.10	940	11.2	-70	1.65	0.17 J	204	0.3	77.6	60.6	< 1.4	
	10/5/09	NM	7.16	928	14.4	-173	0.3	<0.25	212	--	82.2	61.2	<1.4	

Table 2 (continued)
 Summary of Groundwater Field and Degradation Evaluation Parameters
 Tecumseh Products Company - Grafton, Wisconsin

SAMPLE LOCATION	SAMPLE DATE	WATER LEVEL	pH	SPECIFIC CONDUCTANCE	TEMPERATURE	ORP	DISSOLVED OXYGEN	DISSOLVED NITRATE	DISSOLVED MANGANESE	DISSOLVED IRON	DISSOLVED SULFATE	CHLORIDE	TOC
UNITS		ft.(MSL)		µmhoms/cm	°C	mV	mg/L	mg/L	ug/L	ug/L	mg/L	mg/L	mg/L
Off-Site Downgradient Wells													
MW-22BR	4/29/08	749.78	7.38	732	12.0	-6	1.4	0.32 J	73.3	< 26 H	49.2	42.1 B	< 1.4
	10/8/08	743.91	7.18	760	14.0	180	0.5	0.17 JH	81.8	<26	41.5	52.5	<1.4
	4/22/09	746.88	7.00	880	11.5	250	0.7	< 0.085	103	0.05	44.2	68.4	< 1.4
	10/7/09	742.82	7.27	824	13.7	24	0.2	<0.25	112	--	44.2 M	58.9 M	<1.4
MW-27 ⁽²⁾	7/22/08	750.34	7.27	626	13.4	134	3.39	0.18 JM	52.7	<26	14.1 B	4 JM	4 JM
	10/8/08	746.89	7.09	512	15.1	62	2.61	<0.085	34	<26	15	3.1 J	<1.4
	4/22/09	750.11	7.01	638	8.1	348	6.19	0.18 JM	1.6 J	0.1	13.5	2.6 JM	1.8 J
	10/5/09	746.97	7.21	551	14.5	104	0.8	<0.25	7.7	--	14.5	3.2 J	27.8
PW-30 (Heiser) ⁽¹⁾	4/29/08	NM	7.78	NA	10.2	-10	6.85	9.2 H	0.63 J	< 26 H	34.2	38.8 B	< 1.4
MW-18BR1	4/29/08	NM	7.28	1,135	10.8	-68	4.48	7.8	0.67 J	< 26 H	36.9	136	< 1.4
	10/7/08	NM	7.17	1,166	13.5	-136	2.5	6.3	2.5 J	<26	34.7	134	1.6 J
	4/22/09	NM	7.07	1,110	10.3	235	6.14	5.9	3.2 J	0.1	31.8	118	< 1.4
	10/6/09	NM	7.06	1,011	13.5	69	5.2	6.1 M	<0.12	--	37.4 M	93.7 M	<1.4
MW-18BR2	4/29/08	NM	7.15	1,616	11.0	-251	1.08	3	102	< 26 H	43	243	19.4
	10/7/08	NM	7.10	1,496	13.4	-244	0.5	3.1	39.1	<26	44.6	242	1.8 J
	4/22/09	NM	6.99	1,644	10.6	-78	1.05	< 0.085	171	0.8	38.7	258	6.7
	10/6/09	NM	7.01	1,545	13.9	-198	0.9	3.8	55.9	--	43.5	265	2.6
MW-14BR	4/29/08	743.37	7.33	859	9.8	32	7.32	11.4 H	0.8 J	< 26 H	32.5	63.1	< 1.4
	10/8/08	736.08	7.13	856	15.9	208	8.06	10.0 H	1.5 J	<26	28.8	55.6	<1.4
	4/22/09	740.61	7.08	858	9.5	354	8.15	8.2	2.0 J	0	27.3	62.3	< 1.4
	10/5/09	734.63	7.22	857	14.2	173	6.68	9.4 M	<0.12	--	29.8	63.1 M	<1.4
MW-19BR1	4/29/08	NM	7.35	298	10.4	-180	0.3	0.31 J	10.2	< 26 H	5.5	6.7 B	9
	10/7/08	NM	7.08	1,024	12.2	-268	2.51	<0.085	101	<26	52.3	96	2.5
	4/22/09	NM	7.15	1,049	10.2	-212	0.29	< 0.085	40.2	0.5	53.9	98	< 1.4
	10/6/09	NM	7.11	1,078	12.6	-138	0.2	<0.25	33.6	--	58.9	110	<1.4
MW-19BR2	4/29/08	No Sample											
	10/7/08	NM	7.01	539	12.7	-299	2.19	2	204	<26	6.4	3.1 J	2.3
	4/22/09	NM	7.01	533	10.1	-226	0.29	< 0.085	186	1	5.2	2.0 J	< 1.4
	10/6/09	NM	7.17	556	12.7	-261	0.1	<0.25	172	--	7.4	2.6 J	<1.4

Table 2 (continued)
 Summary of Groundwater Field and Degradation Evaluation Parameters
 Tecumseh Products Company - Grafton, Wisconsin

SAMPLE LOCATION	SAMPLE DATE	WATER LEVEL	pH	SPECIFIC CONDUCTANCE	TEMPERATURE	ORP	DISSOLVED OXYGEN	DISSOLVED NITRATE	DISSOLVED MANGANESE	DISSOLVED IRON	DISSOLVED SULFATE	CHLORIDE	TOC
UNITS		ft (MSL)		µmhoms/cm	°C	mV	mg/L	mg/L	ug/L	ug/L	mg/L	mg/L	mg/L
MW-20BR1	4/29/08	NM	8.13	987	9.0	-134	1.8	0.14 J	74.3	< 26 H	14.8	751	8.3
	10/7/08	NM	7.69	778	12.9	-274	1.62	0.16 J	93.2	<26	4.5	142	14.7
	4/22/09	NM	8.00	4,280	11.2	-168	0.64	0.19 J	380	0.6	15.8	1210	11.7
	10/6/09	NM	8.19	1,888	12.3	-172	0.6	<0.25	142	--	10.4	495	8.2
MW-20BR2	4/29/08	NM	6.93	1,554	10.4	-270	0.34	0.15 J	193	38 J, H	2.2 J	361	15.5
	10/7/08	NM	6.52	1,865	12.9	-290	0.31	0.16 J	189	<26	3.1 J	419	14.5
	4/22/09	NM	7.00	2,480	10.7	-216	0.29	0.20 J	195	3	3.9 J	605	11.7
	10/6/09	NM	6.95	2,830	12.2	-247	0.1	<0.25	176	--	3.8 J	761	10.3
Terminal Electron Accepting Process ⁽³⁾			--	--	--	--	Aerobic respiration	Denitrification	Manganese reduction	Iron (III) reduction	Sulfate reduction	--	--
Trend During Biodegradation ⁽³⁾⁽⁴⁾			Optimal range: 5 to 9	Increase over background	--	< 50 mV suggests reductive dechlorination possible	Reductive dechlorination can occur in groundwater microcosms at < 1 to 2 mg/L	< 1 mg/L in source area	Increase over background	Increase over background	Decrease compared to background	Increase over background	> 20 mg/L preferred

Notes:

- NM = not measured. Water levels cannot be measured in the multi-level water 100 wells.
- NS = not sampled.
- B = analyte present in the method blank.
- H = preservation, extraction, or analysis performed past holding time.
- J = estimated value.
- M = matrix spike recovery was outside laboratory control limits.
- R1 = relative percent difference (RPD) value was outside control limits.
- = not analyzed. ORP meter malfunctioned during October 2009 sampling, and therefore ORP not recorded for all samples.

Footnotes

- ⁽¹⁾ PW-30 (Heiser) was abandoned on 9/3/08.
- ⁽²⁾ MW-27 was installed on 7/22/08.
- ⁽³⁾ Wiedemier, 1998.
- ⁽⁴⁾ WDNR quick reference guide to natural biodegradation of chlorinated solvents, May 2007.

Entered by: PMP 11/13/09

QC by: AAS 11/16/09

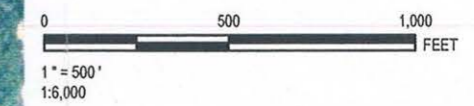


LEGEND

- WELLS IN MONITORING PROGRAM FOR MNA DEMONSTRATION APPROACH
- WELLS NOT IN PROGRAM

NOTES

1. AERIAL PHOTOGRAPHY FROM USDA – NATIONAL AGRICULTURE IMAGERY PROGRAM, DATED: JUNE 2, 2005 AND IMAGERY FROM SOUTH EAST WISCONSIN REGIONAL PLANNING COMMISSION, 2005.
2. PW-30 WAS ABANDONED ON SEPTEMBER 3, 2008 AND WAS THEREFORE REMOVED FROM THE MNA PROGRAM.
3. THE LOCATION OF MW-22BR(old) WAS BASED ON HISTORICAL MAPPING FROM THE SITE, BUT IS NOT THE LOCATION OF THE WELL INCLUDED IN RMT'S SAMPLING PROGRAM. THE PRECISE LOCATION OF MW-22BR WAS SURVEYED WITH A GPS UNIT IN JULY 2008, AND IS SHOWN ON THIS FIGURE. RMT HAS NOT FIELD VERIFIED IF A WELL IS LOCATED AT MW-22BR(old).



PROJECT:				TECUMSEH PRODUCTS COMPANY GRAFTON, WI	
SHEET TITLE:				MNA MONITORING NETWORK	
DRAWN BY:	PAPEZ J	SCALE:	AS NOTED	PROJ. NO.	00-007397.07
CHECKED BY:	SAK	DATE PRINTED:	12/8/2008	FILE NO.	73970501.mxd
APPROVED BY:	JMR			FIGURE 1	
DATE:	DECEMBER 2008				
RMT				744 Heartland Trail Madison, WI 53717-1934 P.O. Box 8923 53708-8923 Phone: 608-831-4444 Fax: 608-831-3334	

Attachment A
Laboratory Reports

October 15, 2009

ALYSSA SELLWOOD
RMT MADISON
744 HEARTLAND TRAIL
Madison, WI 53717


RE: Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Dear ALYSSA SELLWOOD:

Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,



Tod Noltemeyer

tod.noltemeyer@pacelabs.com
Project Manager

Enclosures

cc: Nate Keller, RMT MADISON

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Green Bay Certification IDs

California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Kentucky Certification #: 83
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334

New York Certification #: 11887
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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SAMPLE SUMMARY

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4023503001	MW-26	Water	10/05/09 10:00	10/06/09 10:05
4023503002	MW-25	Water	10/05/09 10:35	10/06/09 10:05
4023503003	MW-12	Water	10/05/09 11:40	10/06/09 10:05
4023503004	MW-12BR	Water	10/05/09 12:10	10/06/09 10:05
4023503005	MW-13BR2	Water	10/05/09 12:45	10/06/09 10:05
4023503006	MW-13BR3	Water	10/05/09 13:15	10/06/09 10:05
4023503007	MW-9D	Water	10/05/09 14:00	10/06/09 10:05
4023503008	MW-9	Water	10/05/09 14:35	10/06/09 10:05
4023503009	MW-27	Water	10/05/09 15:30	10/06/09 10:05
4023503010	MW-14BR	Water	10/05/09 16:20	10/06/09 10:05
4023503011	TRIP BLANK	Water	10/05/09 00:00	10/06/09 10:05

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SAMPLE ANALYTE COUNT

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4023503001	MW-26	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503002	MW-25	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503003	MW-12	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503004	MW-12BR	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503005	MW-13BR2	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503006	MW-13BR3	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503007	MW-9D	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503008	MW-9	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503009	MW-27	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503010	MW-14BR	EPA 300.0	DDY	3	PASI-G

REPORT OF LABORATORY ANALYSIS

Page 4 of 42

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SAMPLE ANALYTE COUNT

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023503011	TRIP BLANK	EPA 8260	SMT	54	PASI-G

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: RMT - MADISON
Date: October 15, 2009

General Information:

10 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Method: EPA 8260
Description: 8260 MSV
Client: RMT - MADISON
Date: October 15, 2009

General Information:

11 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Method: EPA 300.0
Description: 300.0 IC Anions 28 Days, Diss
Client: RMT - MADISON
Date: October 15, 2009

General Information:

10 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

QC Batch: WETA/4911

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4023503010

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 217536)
 - Chloride, Dissolved
- MSD (Lab ID: 217537)
 - Chloride, Dissolved

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Method: EPA 300.0
Description: 300.0 IC Anions, Dissolved
Client: RMT - MADISON
Date: October 15, 2009

General Information:

10 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

QC Batch: WETA/4910

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4023503010

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 217532)
 - Nitrate as N, Dissolved
- MSD (Lab ID: 217533)
 - Nitrate as N, Dissolved

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: WETA/4910

1j: Parent sample was within range. Spiking resulted in the MS/MSD going over range.

- MS (Lab ID: 217532)
 - Nitrate as N, Dissolved
- MSD (Lab ID: 217533)
 - Nitrate as N, Dissolved

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Method: SM 5310C
Description: 5310C TOC
Client: RMT - MADISON
Date: October 15, 2009

General Information:

10 samples were analyzed for SM 5310C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-26 Lab ID: 4023503001 Collected: 10/05/09 10:00 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	238	ug/L	5.0	0.12	1		10/08/09 01:04	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	6.1	ug/L	5.0	4.5	5		10/08/09 14:39	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	5.0	1.0	5		10/08/09 14:39	79-34-5	
1,1,2-Trichloroethane	<2.1	ug/L	5.0	2.1	5		10/08/09 14:39	79-00-5	
1,1-Dichloroethane	29.2	ug/L	5.0	3.8	5		10/08/09 14:39	75-34-3	
1,1-Dichloroethene	<2.8	ug/L	5.0	2.8	5		10/08/09 14:39	75-35-4	
1,2,3-Trichlorobenzene	<3.7	ug/L	5.0	3.7	5		10/08/09 14:39	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	5.0	4.8	5		10/08/09 14:39	120-82-1	
1,2,4-Trimethylbenzene	<4.8	ug/L	5.0	4.8	5		10/08/09 14:39	95-63-6	
1,2-Dibromo-3-chloropropane	<8.4	ug/L	25.0	8.4	5		10/08/09 14:39	96-12-8	
1,2-Dibromoethane (EDB)	<2.8	ug/L	5.0	2.8	5		10/08/09 14:39	106-93-4	
1,2-Dichlorobenzene	<4.2	ug/L	5.0	4.2	5		10/08/09 14:39	95-50-1	
1,2-Dichloroethane	<1.8	ug/L	5.0	1.8	5		10/08/09 14:39	107-06-2	
1,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		10/08/09 14:39	78-87-5	
1,3,5-Trimethylbenzene	<4.2	ug/L	5.0	4.2	5		10/08/09 14:39	108-67-8	
1,3-Dichlorobenzene	<4.4	ug/L	5.0	4.4	5		10/08/09 14:39	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	5.0	3.0	5		10/08/09 14:39	142-28-9	
1,4-Dichlorobenzene	<4.8	ug/L	5.0	4.8	5		10/08/09 14:39	106-46-7	
2,2-Dichloropropane	<3.1	ug/L	5.0	3.1	5		10/08/09 14:39	594-20-7	
2-Chlorotoluene	<4.2	ug/L	5.0	4.2	5		10/08/09 14:39	95-49-8	
4-Chlorotoluene	<3.7	ug/L	5.0	3.7	5		10/08/09 14:39	106-43-4	
Benzene	3.5J	ug/L	5.0	2.0	5		10/08/09 14:39	71-43-2	
Bromobenzene	<4.1	ug/L	5.0	4.1	5		10/08/09 14:39	108-86-1	
Bromodichloromethane	<2.8	ug/L	5.0	2.8	5		10/08/09 14:39	75-27-4	
Carbon tetrachloride	<2.4	ug/L	5.0	2.4	5		10/08/09 14:39	56-23-5	
Chlorobenzene	<2.0	ug/L	5.0	2.0	5		10/08/09 14:39	108-90-7	
Chloroethane	<4.8	ug/L	5.0	4.8	5		10/08/09 14:39	75-00-3	
Chloroform	<6.5	ug/L	25.0	6.5	5		10/08/09 14:39	67-66-3	
Chloromethane	<1.2	ug/L	5.0	1.2	5		10/08/09 14:39	74-87-3	
Dibromochloromethane	<4.0	ug/L	5.0	4.0	5		10/08/09 14:39	124-48-1	
Dichlorodifluoromethane	<5.0	ug/L	5.0	5.0	5		10/08/09 14:39	75-71-8	
Diisopropyl ether	<3.8	ug/L	5.0	3.8	5		10/08/09 14:39	108-20-3	
Ethylbenzene	<2.7	ug/L	5.0	2.7	5		10/08/09 14:39	100-41-4	
Hexachloro-1,3-butadiene	<3.4	ug/L	25.0	3.4	5		10/08/09 14:39	87-68-3	
Isopropylbenzene (Cumene)	<3.0	ug/L	5.0	3.0	5		10/08/09 14:39	98-82-8	
Methyl-tert-butyl ether	<3.0	ug/L	5.0	3.0	5		10/08/09 14:39	1634-04-4	
Methylene Chloride	<2.2	ug/L	5.0	2.2	5		10/08/09 14:39	75-09-2	
Naphthalene	<4.4	ug/L	25.0	4.4	5		10/08/09 14:39	91-20-3	
Tetrachloroethene	<2.2	ug/L	5.0	2.2	5		10/08/09 14:39	127-18-4	
Toluene	<3.4	ug/L	5.0	3.4	5		10/08/09 14:39	108-88-3	
Trichloroethene	34.0	ug/L	5.0	2.4	5		10/08/09 14:39	79-01-6	
Trichlorofluoromethane	<4.0	ug/L	5.0	4.0	5		10/08/09 14:39	75-69-4	
Vinyl chloride	238	ug/L	5.0	0.90	5		10/08/09 14:39	75-01-4	
cis-1,2-Dichloroethene	868	ug/L	5.0	4.2	5		10/08/09 14:39	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-26 Lab ID: 4023503001 Collected: 10/05/09 10:00 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<9.0	ug/L	10.0	9.0	5		10/08/09 14:39	1330-20-7	
n-Butylbenzene	<4.6	ug/L	5.0	4.6	5		10/08/09 14:39	104-51-8	
n-Propylbenzene	<4.0	ug/L	5.0	4.0	5		10/08/09 14:39	103-65-1	
o-Xylene	<4.2	ug/L	5.0	4.2	5		10/08/09 14:39	95-47-6	
p-Isopropyltoluene	<3.4	ug/L	5.0	3.4	5		10/08/09 14:39	99-87-6	
sec-Butylbenzene	<4.4	ug/L	25.0	4.4	5		10/08/09 14:39	135-98-8	
tert-Butylbenzene	<4.8	ug/L	5.0	4.8	5		10/08/09 14:39	98-06-6	
trans-1,2-Dichloroethene	19.7	ug/L	5.0	4.4	5		10/08/09 14:39	156-60-5	
4-Bromofluorobenzene (S)	87	%	70-130		5		10/08/09 14:39	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		5		10/08/09 14:39	1868-53-7	
Toluene-d8 (S)	95	%	70-130		5		10/08/09 14:39	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	199	mg/L	25.0	12.5	5		10/07/09 11:27	16887-00-6	
Sulfate, Dissolved	88.1	mg/L	5.0	2.5	1		10/06/09 18:54	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/06/09 18:54	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	3.9	mg/L	2.0	1.4	1		10/09/09 08:57	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-25 Lab ID: 4023503002 Collected: 10/05/09 10:35 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	62.1	ug/L	5.0	0.12	1		10/08/09 01:08	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<22.5	ug/L	25.0	22.5	25		10/08/09 16:36	71-55-6	
1,1,2,2-Tetrachloroethane	<5.0	ug/L	25.0	5.0	25		10/08/09 16:36	79-34-5	
1,1,2-Trichloroethane	<10.5	ug/L	25.0	10.5	25		10/08/09 16:36	79-00-5	
1,1-Dichloroethane	<18.8	ug/L	25.0	18.8	25		10/08/09 16:36	75-34-3	
1,1-Dichloroethene	<14.2	ug/L	25.0	14.2	25		10/08/09 16:36	75-35-4	
1,2,3-Trichlorobenzene	<18.5	ug/L	25.0	18.5	25		10/08/09 16:36	87-61-6	
1,2,4-Trichlorobenzene	<24.2	ug/L	25.0	24.2	25		10/08/09 16:36	120-82-1	
1,2,4-Trimethylbenzene	<24.2	ug/L	25.0	24.2	25		10/08/09 16:36	95-63-6	
1,2-Dibromo-3-chloropropane	<42.0	ug/L	125	42.0	25		10/08/09 16:36	96-12-8	
1,2-Dibromoethane (EDB)	<14.0	ug/L	25.0	14.0	25		10/08/09 16:36	106-93-4	
1,2-Dichlorobenzene	<20.8	ug/L	25.0	20.8	25		10/08/09 16:36	95-50-1	
1,2-Dichloroethane	<9.0	ug/L	25.0	9.0	25		10/08/09 16:36	107-06-2	
1,2-Dichloropropane	<12.2	ug/L	25.0	12.2	25		10/08/09 16:36	78-87-5	
1,3,5-Trimethylbenzene	<20.8	ug/L	25.0	20.8	25		10/08/09 16:36	108-67-8	
1,3-Dichlorobenzene	<21.8	ug/L	25.0	21.8	25		10/08/09 16:36	541-73-1	
1,3-Dichloropropane	<15.2	ug/L	25.0	15.2	25		10/08/09 16:36	142-28-9	
1,4-Dichlorobenzene	<23.8	ug/L	25.0	23.8	25		10/08/09 16:36	106-46-7	
2,2-Dichloropropane	<15.5	ug/L	25.0	15.5	25		10/08/09 16:36	594-20-7	
2-Chlorotoluene	<21.2	ug/L	25.0	21.2	25		10/08/09 16:36	95-49-8	
4-Chlorotoluene	<18.5	ug/L	25.0	18.5	25		10/08/09 16:36	106-43-4	
Benzene	<10.2	ug/L	25.0	10.2	25		10/08/09 16:36	71-43-2	
Bromobenzene	<20.5	ug/L	25.0	20.5	25		10/08/09 16:36	108-86-1	
Bromodichloromethane	<14.0	ug/L	25.0	14.0	25		10/08/09 16:36	75-27-4	
Carbon tetrachloride	<12.2	ug/L	25.0	12.2	25		10/08/09 16:36	56-23-5	
Chlorobenzene	<10.2	ug/L	25.0	10.2	25		10/08/09 16:36	108-90-7	
Chloroethane	<24.2	ug/L	25.0	24.2	25		10/08/09 16:36	75-00-3	
Chloroform	<32.5	ug/L	125	32.5	25		10/08/09 16:36	67-66-3	
Chloromethane	<6.0	ug/L	25.0	6.0	25		10/08/09 16:36	74-87-3	
Dibromochloromethane	<20.2	ug/L	25.0	20.2	25		10/08/09 16:36	124-48-1	
Dichlorodifluoromethane	<24.8	ug/L	25.0	24.8	25		10/08/09 16:36	75-71-8	
Diisopropyl ether	<19.0	ug/L	25.0	19.0	25		10/08/09 16:36	108-20-3	
Ethylbenzene	<13.5	ug/L	25.0	13.5	25		10/08/09 16:36	100-41-4	
Hexachloro-1,3-butadiene	<16.8	ug/L	125	16.8	25		10/08/09 16:36	87-68-3	
Isopropylbenzene (Cumene)	<14.8	ug/L	25.0	14.8	25		10/08/09 16:36	98-82-8	
Methyl-tert-butyl ether	<15.2	ug/L	25.0	15.2	25		10/08/09 16:36	1634-04-4	
Methylene Chloride	<10.8	ug/L	25.0	10.8	25		10/08/09 16:36	75-09-2	
Naphthalene	<22.2	ug/L	125	22.2	25		10/08/09 16:36	91-20-3	
Tetrachloroethene	<11.2	ug/L	25.0	11.2	25		10/08/09 16:36	127-18-4	
Toluene	<16.8	ug/L	25.0	16.8	25		10/08/09 16:36	108-88-3	
Trichloroethene	4460	ug/L	25.0	12.0	25		10/08/09 16:36	79-01-6	
Trichlorofluoromethane	<19.8	ug/L	25.0	19.8	25		10/08/09 16:36	75-69-4	
Vinyl chloride	<4.5	ug/L	25.0	4.5	25		10/08/09 16:36	75-01-4	
cis-1,2-Dichloroethene	618	ug/L	25.0	20.8	25		10/08/09 16:36	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-25 Lab ID: 4023503002 Collected: 10/05/09 10:35 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<45.0	ug/L	50.0	45.0	25		10/08/09 16:36	1330-20-7	
n-Butylbenzene	<23.2	ug/L	25.0	23.2	25		10/08/09 16:36	104-51-8	
n-Propylbenzene	<20.2	ug/L	25.0	20.2	25		10/08/09 16:36	103-65-1	
o-Xylene	<20.8	ug/L	25.0	20.8	25		10/08/09 16:36	95-47-6	
p-Isopropyltoluene	<16.8	ug/L	25.0	16.8	25		10/08/09 16:36	99-87-6	
sec-Butylbenzene	<22.2	ug/L	125	22.2	25		10/08/09 16:36	135-98-8	
tert-Butylbenzene	<24.2	ug/L	25.0	24.2	25		10/08/09 16:36	98-06-6	
trans-1,2-Dichloroethene	41.1	ug/L	25.0	22.2	25		10/08/09 16:36	156-60-5	
4-Bromofluorobenzene (S)	86	%	70-130		25		10/08/09 16:36	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		25		10/08/09 16:36	1868-53-7	
Toluene-d8 (S)	96	%	70-130		25		10/08/09 16:36	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	36.3	mg/L	5.0	2.5	1		10/06/09 19:08	16887-00-6	
Sulfate, Dissolved	97.9	mg/L	5.0	2.5	1		10/06/09 19:08	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/06/09 19:08	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	1.9J	mg/L	2.0	1.4	1		10/09/09 09:50	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-12 Lab ID: 4023503003 Collected: 10/05/09 11:40 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	46.9	ug/L	5.0	0.12	1		10/08/09 01:12	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	23.6	ug/L	2.5	2.2	2.5		10/08/09 15:03	71-55-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	2.5	0.50	2.5		10/08/09 15:03	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	2.5	1.0	2.5		10/08/09 15:03	79-00-5	
1,1-Dichloroethane	5.9	ug/L	2.5	1.9	2.5		10/08/09 15:03	75-34-3	
1,1-Dichloroethene	<1.4	ug/L	2.5	1.4	2.5		10/08/09 15:03	75-35-4	
1,2,3-Trichlorobenzene	<1.8	ug/L	2.5	1.8	2.5		10/08/09 15:03	87-61-6	
1,2,4-Trichlorobenzene	<2.4	ug/L	2.5	2.4	2.5		10/08/09 15:03	120-82-1	
1,2,4-Trimethylbenzene	<2.4	ug/L	2.5	2.4	2.5		10/08/09 15:03	95-63-6	
1,2-Dibromo-3-chloropropane	<4.2	ug/L	12.5	4.2	2.5		10/08/09 15:03	96-12-8	
1,2-Dibromoethane (EDB)	<1.4	ug/L	2.5	1.4	2.5		10/08/09 15:03	106-93-4	
1,2-Dichlorobenzene	<2.1	ug/L	2.5	2.1	2.5		10/08/09 15:03	95-50-1	
1,2-Dichloroethane	<0.90	ug/L	2.5	0.90	2.5		10/08/09 15:03	107-06-2	
1,2-Dichloropropane	<1.2	ug/L	2.5	1.2	2.5		10/08/09 15:03	78-87-5	
1,3,5-Trimethylbenzene	<2.1	ug/L	2.5	2.1	2.5		10/08/09 15:03	108-67-8	
1,3-Dichlorobenzene	<2.2	ug/L	2.5	2.2	2.5		10/08/09 15:03	541-73-1	
1,3-Dichloropropane	<1.5	ug/L	2.5	1.5	2.5		10/08/09 15:03	142-28-9	
1,4-Dichlorobenzene	<2.4	ug/L	2.5	2.4	2.5		10/08/09 15:03	106-46-7	
2,2-Dichloropropane	<1.6	ug/L	2.5	1.6	2.5		10/08/09 15:03	594-20-7	
2-Chlorotoluene	<2.1	ug/L	2.5	2.1	2.5		10/08/09 15:03	95-49-8	
4-Chlorotoluene	<1.8	ug/L	2.5	1.8	2.5		10/08/09 15:03	106-43-4	
Benzene	<1.0	ug/L	2.5	1.0	2.5		10/08/09 15:03	71-43-2	
Bromobenzene	<2.0	ug/L	2.5	2.0	2.5		10/08/09 15:03	108-86-1	
Bromodichloromethane	<1.4	ug/L	2.5	1.4	2.5		10/08/09 15:03	75-27-4	
Carbon tetrachloride	<1.2	ug/L	2.5	1.2	2.5		10/08/09 15:03	56-23-5	
Chlorobenzene	<1.0	ug/L	2.5	1.0	2.5		10/08/09 15:03	108-90-7	
Chloroethane	<2.4	ug/L	2.5	2.4	2.5		10/08/09 15:03	75-00-3	
Chloroform	<3.2	ug/L	12.5	3.2	2.5		10/08/09 15:03	67-66-3	
Chloromethane	<0.60	ug/L	2.5	0.60	2.5		10/08/09 15:03	74-87-3	
Dibromochloromethane	<2.0	ug/L	2.5	2.0	2.5		10/08/09 15:03	124-48-1	
Dichlorodifluoromethane	<2.5	ug/L	2.5	2.5	2.5		10/08/09 15:03	75-71-8	
Diisopropyl ether	<1.9	ug/L	2.5	1.9	2.5		10/08/09 15:03	108-20-3	
Ethylbenzene	<1.4	ug/L	2.5	1.4	2.5		10/08/09 15:03	100-41-4	
Hexachloro-1,3-butadiene	<1.7	ug/L	12.5	1.7	2.5		10/08/09 15:03	87-68-3	
Isopropylbenzene (Cumene)	<1.5	ug/L	2.5	1.5	2.5		10/08/09 15:03	98-82-8	
Methyl-tert-butyl ether	<1.5	ug/L	2.5	1.5	2.5		10/08/09 15:03	1634-04-4	
Methylene Chloride	<1.1	ug/L	2.5	1.1	2.5		10/08/09 15:03	75-09-2	
Naphthalene	<2.2	ug/L	12.5	2.2	2.5		10/08/09 15:03	91-20-3	
Tetrachloroethene	<1.1	ug/L	2.5	1.1	2.5		10/08/09 15:03	127-18-4	
Toluene	<1.7	ug/L	2.5	1.7	2.5		10/08/09 15:03	108-88-3	
Trichloroethene	618	ug/L	2.5	1.2	2.5		10/08/09 15:03	79-01-6	
Trichlorofluoromethane	<2.0	ug/L	2.5	2.0	2.5		10/08/09 15:03	75-69-4	
Vinyl chloride	<0.45	ug/L	2.5	0.45	2.5		10/08/09 15:03	75-01-4	
cis-1,2-Dichloroethene	15.9	ug/L	2.5	2.1	2.5		10/08/09 15:03	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-12 Lab ID: 4023503003 Collected: 10/05/09 11:40 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<4.5	ug/L	5.0	4.5	2.5		10/08/09 15:03	1330-20-7	
n-Butylbenzene	<2.3	ug/L	2.5	2.3	2.5		10/08/09 15:03	104-51-8	
n-Propylbenzene	<2.0	ug/L	2.5	2.0	2.5		10/08/09 15:03	103-65-1	
o-Xylene	<2.1	ug/L	2.5	2.1	2.5		10/08/09 15:03	95-47-6	
p-Isopropyltoluene	<1.7	ug/L	2.5	1.7	2.5		10/08/09 15:03	99-87-6	
sec-Butylbenzene	<2.2	ug/L	12.5	2.2	2.5		10/08/09 15:03	135-98-8	
tert-Butylbenzene	<2.4	ug/L	2.5	2.4	2.5		10/08/09 15:03	98-06-6	
trans-1,2-Dichloroethene	<2.2	ug/L	2.5	2.2	2.5		10/08/09 15:03	156-60-5	
4-Bromofluorobenzene (S)	87	%	70-130		2.5		10/08/09 15:03	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		2.5		10/08/09 15:03	1868-53-7	
Toluene-d8 (S)	96	%	70-130		2.5		10/08/09 15:03	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	220	mg/L	25.0	12.5	5		10/07/09 11:41	16887-00-6	
Sulfate, Dissolved	21.5	mg/L	5.0	2.5	1		10/06/09 19:23	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/06/09 19:23	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/09/09 10:06	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-12BR Lab ID: 4023503004 Collected: 10/05/09 12:10 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	34.3	ug/L	5.0	0.12	1		10/08/09 01:16	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	35.8	ug/L	1.0	0.90	1		10/08/09 11:56	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 11:56	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 11:56	79-00-5	
1,1-Dichloroethane	73.5	ug/L	1.0	0.75	1		10/08/09 11:56	75-34-3	
1,1-Dichloroethene	7.3	ug/L	1.0	0.57	1		10/08/09 11:56	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 11:56	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 11:56	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 11:56	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 11:56	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 11:56	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:56	95-50-1	
1,2-Dichloroethane	0.38J	ug/L	1.0	0.36	1		10/08/09 11:56	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 11:56	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:56	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 11:56	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 11:56	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 11:56	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 11:56	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 11:56	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 11:56	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 11:56	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 11:56	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 11:56	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 11:56	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 11:56	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 11:56	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 11:56	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 11:56	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 11:56	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 11:56	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 11:56	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 11:56	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 11:56	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 11:56	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 11:56	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 11:56	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 11:56	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 11:56	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 11:56	108-88-3	
Trichloroethene	36.6	ug/L	1.0	0.48	1		10/08/09 11:56	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 11:56	75-69-4	
Vinyl chloride	0.74J	ug/L	1.0	0.18	1		10/08/09 11:56	75-01-4	
cis-1,2-Dichloroethene	78.0	ug/L	1.0	0.83	1		10/08/09 11:56	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-12BR Lab ID: 4023503004 Collected: 10/05/09 12:10 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 11:56	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 11:56	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 11:56	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:56	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 11:56	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 11:56	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 11:56	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 11:56	156-60-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		10/08/09 11:56	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/08/09 11:56	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		10/08/09 11:56	2037-26-5	
300.0 IC Anions 28 Days, Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	94.1	mg/L	5.0	2.5	1		10/06/09 19:37	16887-00-6	
Sulfate, Dissolved	63.9	mg/L	5.0	2.5	1		10/06/09 19:37	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/06/09 19:37	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/09/09 10:10	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-13BR2 Lab ID: 4023503005 Collected: 10/05/09 12:45 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	71.5 ug/L		5.0	0.12	1		10/08/09 01:20	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	129 ug/L		2.0	1.8	2		10/08/09 15:26	71-55-6	
1,1,1,2,2-Tetrachloroethane	<0.40 ug/L		2.0	0.40	2		10/08/09 15:26	79-34-5	
1,1,1,2-Trichloroethane	<0.84 ug/L		2.0	0.84	2		10/08/09 15:26	79-00-5	
1,1-Dichloroethane	160 ug/L		2.0	1.5	2		10/08/09 15:26	75-34-3	
1,1-Dichloroethene	25.8 ug/L		2.0	1.1	2		10/08/09 15:26	75-35-4	
1,2,3-Trichlorobenzene	<1.5 ug/L		2.0	1.5	2		10/08/09 15:26	87-61-6	
1,2,4-Trichlorobenzene	<1.9 ug/L		2.0	1.9	2		10/08/09 15:26	120-82-1	
1,2,4-Trimethylbenzene	<1.9 ug/L		2.0	1.9	2		10/08/09 15:26	95-63-6	
1,2-Dibromo-3-chloropropane	<3.4 ug/L		10.0	3.4	2		10/08/09 15:26	96-12-8	
1,2-Dibromoethane (EDB)	<1.1 ug/L		2.0	1.1	2		10/08/09 15:26	106-93-4	
1,2-Dichlorobenzene	<1.7 ug/L		2.0	1.7	2		10/08/09 15:26	95-50-1	
1,2-Dichloroethane	<0.72 ug/L		2.0	0.72	2		10/08/09 15:26	107-06-2	
1,2-Dichloropropane	<0.98 ug/L		2.0	0.98	2		10/08/09 15:26	78-87-5	
1,3,5-Trimethylbenzene	<1.7 ug/L		2.0	1.7	2		10/08/09 15:26	108-67-8	
1,3-Dichlorobenzene	<1.7 ug/L		2.0	1.7	2		10/08/09 15:26	541-73-1	
1,3-Dichloropropane	<1.2 ug/L		2.0	1.2	2		10/08/09 15:26	142-28-9	
1,4-Dichlorobenzene	<1.9 ug/L		2.0	1.9	2		10/08/09 15:26	106-46-7	
2,2-Dichloropropane	<1.2 ug/L		2.0	1.2	2		10/08/09 15:26	594-20-7	
2-Chlorotoluene	<1.7 ug/L		2.0	1.7	2		10/08/09 15:26	95-49-8	
4-Chlorotoluene	<1.5 ug/L		2.0	1.5	2		10/08/09 15:26	106-43-4	
Benzene	<0.82 ug/L		2.0	0.82	2		10/08/09 15:26	71-43-2	
Bromobenzene	<1.6 ug/L		2.0	1.6	2		10/08/09 15:26	108-86-1	
Bromodichloromethane	<1.1 ug/L		2.0	1.1	2		10/08/09 15:26	75-27-4	
Carbon tetrachloride	<0.98 ug/L		2.0	0.98	2		10/08/09 15:26	56-23-5	
Chlorobenzene	<0.82 ug/L		2.0	0.82	2		10/08/09 15:26	108-90-7	
Chloroethane	<1.9 ug/L		2.0	1.9	2		10/08/09 15:26	75-00-3	
Chloroform	<2.6 ug/L		10.0	2.6	2		10/08/09 15:26	67-66-3	
Chloromethane	<0.48 ug/L		2.0	0.48	2		10/08/09 15:26	74-87-3	
Dibromochloromethane	<1.6 ug/L		2.0	1.6	2		10/08/09 15:26	124-48-1	
Dichlorodifluoromethane	<2.0 ug/L		2.0	2.0	2		10/08/09 15:26	75-71-8	
Diisopropyl ether	<1.5 ug/L		2.0	1.5	2		10/08/09 15:26	108-20-3	
Ethylbenzene	<1.1 ug/L		2.0	1.1	2		10/08/09 15:26	100-41-4	
Hexachloro-1,3-butadiene	<1.3 ug/L		10.0	1.3	2		10/08/09 15:26	87-68-3	
Isopropylbenzene (Cumene)	<1.2 ug/L		2.0	1.2	2		10/08/09 15:26	98-82-8	
Methyl-tert-butyl ether	<1.2 ug/L		2.0	1.2	2		10/08/09 15:26	1634-04-4	
Methylene Chloride	<0.86 ug/L		2.0	0.86	2		10/08/09 15:26	75-09-2	
Naphthalene	<1.8 ug/L		10.0	1.8	2		10/08/09 15:26	91-20-3	
Tetrachloroethene	<0.90 ug/L		2.0	0.90	2		10/08/09 15:26	127-18-4	
Toluene	<1.3 ug/L		2.0	1.3	2		10/08/09 15:26	108-88-3	
Trichloroethene	279 ug/L		2.0	0.96	2		10/08/09 15:26	79-01-6	
Trichlorofluoromethane	<1.6 ug/L		2.0	1.6	2		10/08/09 15:26	75-69-4	
Vinyl chloride	3.6 ug/L		2.0	0.36	2		10/08/09 15:26	75-01-4	
cis-1,2-Dichloroethene	28.8 ug/L		2.0	1.7	2		10/08/09 15:26	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-13BR2 Lab ID: 4023503005 Collected: 10/05/09 12:45 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
m&p-Xylene	<3.6	ug/L	4.0	3.6	2		10/08/09 15:26	1330-20-7	
n-Butylbenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 15:26	104-51-8	
n-Propylbenzene	<1.6	ug/L	2.0	1.6	2		10/08/09 15:26	103-65-1	
o-Xylene	<1.7	ug/L	2.0	1.7	2		10/08/09 15:26	95-47-6	
p-Isopropyltoluene	<1.3	ug/L	2.0	1.3	2		10/08/09 15:26	99-87-6	
sec-Butylbenzene	<1.8	ug/L	10.0	1.8	2		10/08/09 15:26	135-98-8	
tert-Butylbenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 15:26	98-06-6	
trans-1,2-Dichloroethene	<1.8	ug/L	2.0	1.8	2		10/08/09 15:26	156-60-5	
4-Bromofluorobenzene (S)	87	%	70-130		2		10/08/09 15:26	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		2		10/08/09 15:26	1868-53-7	
Toluene-d8 (S)	95	%	70-130		2		10/08/09 15:26	2037-26-5	
300.0 IC Anions 28 Days,Diss									
Analytical Method: EPA 300.0									
Chloride, Dissolved	112	mg/L	25.0	12.5	5		10/07/09 11:56	16887-00-6	
Sulfate, Dissolved	93.9	mg/L	5.0	2.5	1		10/06/09 19:51	14808-79-8	
300.0 IC Anions, Dissolved									
Analytical Method: EPA 300.0									
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/06/09 19:51	14797-55-8	
5310C TOC									
Analytical Method: SM 5310C									
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/09/09 10:13	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-13BR3 Lab ID: 4023503006 Collected: 10/05/09 13:15 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	212	ug/L	5.0	0.12	1		10/08/09 01:24	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	32.4	ug/L	1.0	0.90	1		10/08/09 12:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 12:20	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 12:20	79-00-5	
1,1-Dichloroethane	42.6	ug/L	1.0	0.75	1		10/08/09 12:20	75-34-3	
1,1-Dichloroethene	10.2	ug/L	1.0	0.57	1		10/08/09 12:20	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 12:20	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 12:20	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 12:20	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 12:20	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 12:20	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:20	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 12:20	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 12:20	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:20	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 12:20	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 12:20	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 12:20	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 12:20	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 12:20	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 12:20	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 12:20	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 12:20	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 12:20	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 12:20	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 12:20	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 12:20	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 12:20	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 12:20	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 12:20	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 12:20	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 12:20	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 12:20	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 12:20	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 12:20	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 12:20	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 12:20	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 12:20	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 12:20	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 12:20	108-88-3	
Trichloroethene	115	ug/L	1.0	0.48	1		10/08/09 12:20	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 12:20	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 12:20	75-01-4	
cis-1,2-Dichloroethene	12.8	ug/L	1.0	0.83	1		10/08/09 12:20	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-13BR3 Lab ID: 4023503006 Collected: 10/05/09 13:15 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 12:20	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 12:20	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 12:20	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:20	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 12:20	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 12:20	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 12:20	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 12:20	156-60-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/08/09 12:20	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/08/09 12:20	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		10/08/09 12:20	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	61.2	mg/L	5.0	2.5	1		10/06/09 20:05	16887-00-6	
Sulfate, Dissolved	82.2	mg/L	5.0	2.5	1		10/06/09 20:05	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/06/09 20:05	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/09/09 10:17	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-9D Lab ID: 4023503007 Collected: 10/05/09 14:00 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	122	ug/L	5.0	0.12	1		10/08/09 01:28	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	68.5	ug/L	5.0	4.5	5		10/08/09 15:49	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	5.0	1.0	5		10/08/09 15:49	79-34-5	
1,1,2-Trichloroethane	<2.1	ug/L	5.0	2.1	5		10/08/09 15:49	79-00-5	
1,1-Dichloroethane	73.9	ug/L	5.0	3.8	5		10/08/09 15:49	75-34-3	
1,1-Dichloroethene	6.4	ug/L	5.0	2.8	5		10/08/09 15:49	75-35-4	
1,2,3-Trichlorobenzene	<3.7	ug/L	5.0	3.7	5		10/08/09 15:49	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	5.0	4.8	5		10/08/09 15:49	120-82-1	
1,2,4-Trimethylbenzene	<4.8	ug/L	5.0	4.8	5		10/08/09 15:49	95-63-6	
1,2-Dibromo-3-chloropropane	<8.4	ug/L	25.0	8.4	5		10/08/09 15:49	96-12-8	
1,2-Dibromoethane (EDB)	<2.8	ug/L	5.0	2.8	5		10/08/09 15:49	106-93-4	
1,2-Dichlorobenzene	<4.2	ug/L	5.0	4.2	5		10/08/09 15:49	95-50-1	
1,2-Dichloroethane	<1.8	ug/L	5.0	1.8	5		10/08/09 15:49	107-06-2	
1,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		10/08/09 15:49	78-87-5	
1,3,5-Trimethylbenzene	<4.2	ug/L	5.0	4.2	5		10/08/09 15:49	108-67-8	
1,3-Dichlorobenzene	<4.4	ug/L	5.0	4.4	5		10/08/09 15:49	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	5.0	3.0	5		10/08/09 15:49	142-28-9	
1,4-Dichlorobenzene	<4.8	ug/L	5.0	4.8	5		10/08/09 15:49	106-46-7	
2,2-Dichloropropane	<3.1	ug/L	5.0	3.1	5		10/08/09 15:49	594-20-7	
2-Chlorotoluene	<4.2	ug/L	5.0	4.2	5		10/08/09 15:49	95-49-8	
4-Chlorotoluene	<3.7	ug/L	5.0	3.7	5		10/08/09 15:49	106-43-4	
Benzene	<2.0	ug/L	5.0	2.0	5		10/08/09 15:49	71-43-2	
Bromobenzene	<4.1	ug/L	5.0	4.1	5		10/08/09 15:49	108-86-1	
Bromodichloromethane	<2.8	ug/L	5.0	2.8	5		10/08/09 15:49	75-27-4	
Carbon tetrachloride	<2.4	ug/L	5.0	2.4	5		10/08/09 15:49	56-23-5	
Chlorobenzene	<2.0	ug/L	5.0	2.0	5		10/08/09 15:49	108-90-7	
Chloroethane	<4.8	ug/L	5.0	4.8	5		10/08/09 15:49	75-00-3	
Chloroform	<6.5	ug/L	25.0	6.5	5		10/08/09 15:49	67-66-3	
Chloromethane	<1.2	ug/L	5.0	1.2	5		10/08/09 15:49	74-87-3	
Dibromochloromethane	<4.0	ug/L	5.0	4.0	5		10/08/09 15:49	124-48-1	
Dichlorodifluoromethane	<5.0	ug/L	5.0	5.0	5		10/08/09 15:49	75-71-8	
Diisopropyl ether	<3.8	ug/L	5.0	3.8	5		10/08/09 15:49	108-20-3	
Ethylbenzene	<2.7	ug/L	5.0	2.7	5		10/08/09 15:49	100-41-4	
Hexachloro-1,3-butadiene	<3.4	ug/L	25.0	3.4	5		10/08/09 15:49	87-68-3	
Isopropylbenzene (Cumene)	<3.0	ug/L	5.0	3.0	5		10/08/09 15:49	98-82-8	
Methyl-tert-butyl ether	<3.0	ug/L	5.0	3.0	5		10/08/09 15:49	1634-04-4	
Methylene Chloride	<2.2	ug/L	5.0	2.2	5		10/08/09 15:49	75-09-2	
Naphthalene	<4.4	ug/L	25.0	4.4	5		10/08/09 15:49	91-20-3	
Tetrachloroethene	<2.2	ug/L	5.0	2.2	5		10/08/09 15:49	127-18-4	
Toluene	<3.4	ug/L	5.0	3.4	5		10/08/09 15:49	108-88-3	
Trichloroethene	1680	ug/L	20.0	9.6	20		10/09/09 11:22	79-01-6	
Trichlorofluoromethane	<4.0	ug/L	5.0	4.0	5		10/08/09 15:49	75-69-4	
Vinyl chloride	16.7	ug/L	5.0	0.90	5		10/08/09 15:49	75-01-4	
cis-1,2-Dichloroethene	374	ug/L	5.0	4.2	5		10/08/09 15:49	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-9D Lab ID: 4023503007 Collected: 10/05/09 14:00 Received: 10/06/09 10:05 Matrix: Water									
8260 MSV Analytical Method: EPA 8260									
m&p-Xylene	<9.0	ug/L	10.0	9.0	5		10/08/09 15:49	1330-20-7	
n-Butylbenzene	<4.6	ug/L	5.0	4.6	5		10/08/09 15:49	104-51-8	
n-Propylbenzene	<4.0	ug/L	5.0	4.0	5		10/08/09 15:49	103-65-1	
o-Xylene	<4.2	ug/L	5.0	4.2	5		10/08/09 15:49	95-47-6	
p-Isopropyltoluene	<3.4	ug/L	5.0	3.4	5		10/08/09 15:49	99-87-6	
sec-Butylbenzene	<4.4	ug/L	25.0	4.4	5		10/08/09 15:49	135-98-8	
tert-Butylbenzene	<4.8	ug/L	5.0	4.8	5		10/08/09 15:49	98-06-6	
trans-1,2-Dichloroethene	27.7	ug/L	5.0	4.4	5		10/08/09 15:49	156-60-5	
4-Bromofluorobenzene (S)	88	%	70-130		5		10/08/09 15:49	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		5		10/08/09 15:49	1868-53-7	
Toluene-d8 (S)	97	%	70-130		5		10/08/09 15:49	2037-26-5	
300.0 IC Anions 28 Days,Diss Analytical Method: EPA 300.0									
Chloride, Dissolved	106	mg/L	25.0	12.5	5		10/07/09 12:10	16887-00-6	
Sulfate, Dissolved	86.7	mg/L	5.0	2.5	1		10/06/09 20:19	14808-79-8	
300.0 IC Anions, Dissolved Analytical Method: EPA 300.0									
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/06/09 20:19	14797-55-8	
5310C TOC Analytical Method: SM 5310C									
Total Organic Carbon	35.3	mg/L	2.0	1.4	1		10/09/09 10:30	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-9 Lab ID: 4023503008 Collected: 10/05/09 14:35 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	10.2	ug/L	5.0	0.12	1		10/08/09 01:32	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	153	ug/L	10.0	9.0	10		10/08/09 16:12	71-55-6	
1,1,1,2-Tetrachloroethane	<2.0	ug/L	10.0	2.0	10		10/08/09 16:12	79-34-5	
1,1,2-Trichloroethane	<4.2	ug/L	10.0	4.2	10		10/08/09 16:12	79-00-5	
1,1-Dichloroethane	46.9	ug/L	10.0	7.5	10		10/08/09 16:12	75-34-3	
1,1-Dichloroethene	<5.7	ug/L	10.0	5.7	10		10/08/09 16:12	75-35-4	
1,2,3-Trichlorobenzene	<7.4	ug/L	10.0	7.4	10		10/08/09 16:12	87-61-6	
1,2,4-Trichlorobenzene	<9.7	ug/L	10.0	9.7	10		10/08/09 16:12	120-82-1	
1,2,4-Trimethylbenzene	<9.7	ug/L	10.0	9.7	10		10/08/09 16:12	95-63-6	
1,2-Dibromo-3-chloropropane	<16.8	ug/L	50.0	16.8	10		10/08/09 16:12	96-12-8	
1,2-Dibromoethane (EDB)	<5.6	ug/L	10.0	5.6	10		10/08/09 16:12	106-93-4	
1,2-Dichlorobenzene	<8.3	ug/L	10.0	8.3	10		10/08/09 16:12	95-50-1	
1,2-Dichloroethane	<3.6	ug/L	10.0	3.6	10		10/08/09 16:12	107-06-2	
1,2-Dichloropropane	<4.9	ug/L	10.0	4.9	10		10/08/09 16:12	78-87-5	
1,3,5-Trimethylbenzene	<8.3	ug/L	10.0	8.3	10		10/08/09 16:12	108-67-8	
1,3-Dichlorobenzene	<8.7	ug/L	10.0	8.7	10		10/08/09 16:12	541-73-1	
1,3-Dichloropropane	<6.1	ug/L	10.0	6.1	10		10/08/09 16:12	142-28-9	
1,4-Dichlorobenzene	<9.5	ug/L	10.0	9.5	10		10/08/09 16:12	106-46-7	
2,2-Dichloropropane	<6.2	ug/L	10.0	6.2	10		10/08/09 16:12	594-20-7	
2-Chlorotoluene	<8.5	ug/L	10.0	8.5	10		10/08/09 16:12	95-49-8	
4-Chlorotoluene	<7.4	ug/L	10.0	7.4	10		10/08/09 16:12	106-43-4	
Benzene	<4.1	ug/L	10.0	4.1	10		10/08/09 16:12	71-43-2	
Bromobenzene	<8.2	ug/L	10.0	8.2	10		10/08/09 16:12	108-86-1	
Bromodichloromethane	<5.6	ug/L	10.0	5.6	10		10/08/09 16:12	75-27-4	
Carbon tetrachloride	<4.9	ug/L	10.0	4.9	10		10/08/09 16:12	56-23-5	
Chlorobenzene	<4.1	ug/L	10.0	4.1	10		10/08/09 16:12	108-90-7	
Chloroethane	<9.7	ug/L	10.0	9.7	10		10/08/09 16:12	75-00-3	
Chloroform	<13.0	ug/L	50.0	13.0	10		10/08/09 16:12	67-66-3	
Chloromethane	<2.4	ug/L	10.0	2.4	10		10/08/09 16:12	74-87-3	
Dibromochloromethane	<8.1	ug/L	10.0	8.1	10		10/08/09 16:12	124-48-1	
Dichlorodifluoromethane	<9.9	ug/L	10.0	9.9	10		10/08/09 16:12	75-71-8	
Diisopropyl ether	<7.6	ug/L	10.0	7.6	10		10/08/09 16:12	108-20-3	
Ethylbenzene	<5.4	ug/L	10.0	5.4	10		10/08/09 16:12	100-41-4	
Hexachloro-1,3-butadiene	<6.7	ug/L	50.0	6.7	10		10/08/09 16:12	87-68-3	
Isopropylbenzene (Cumene)	<5.9	ug/L	10.0	5.9	10		10/08/09 16:12	98-82-8	
Methyl-tert-butyl ether	<6.1	ug/L	10.0	6.1	10		10/08/09 16:12	1634-04-4	
Methylene Chloride	<4.3	ug/L	10.0	4.3	10		10/08/09 16:12	75-09-2	
Naphthalene	<8.9	ug/L	50.0	8.9	10		10/08/09 16:12	91-20-3	
Tetrachloroethene	<4.5	ug/L	10.0	4.5	10		10/08/09 16:12	127-18-4	
Toluene	<6.7	ug/L	10.0	6.7	10		10/08/09 16:12	108-88-3	
Trichloroethene	1090	ug/L	10.0	4.8	10		10/08/09 16:12	79-01-6	
Trichlorofluoromethane	<7.9	ug/L	10.0	7.9	10		10/08/09 16:12	75-69-4	
Vinyl chloride	<1.8	ug/L	10.0	1.8	10		10/08/09 16:12	75-01-4	
cis-1,2-Dichloroethene	573	ug/L	10.0	8.3	10		10/08/09 16:12	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-9 Lab ID: 4023503008 Collected: 10/05/09 14:35 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<18.0	ug/L	20.0	18.0	10		10/08/09 16:12	1330-20-7	
n-Butylbenzene	<9.3	ug/L	10.0	9.3	10		10/08/09 16:12	104-51-8	
n-Propylbenzene	<8.1	ug/L	10.0	8.1	10		10/08/09 16:12	103-65-1	
o-Xylene	<8.3	ug/L	10.0	8.3	10		10/08/09 16:12	95-47-6	
p-Isopropyltoluene	<6.7	ug/L	10.0	6.7	10		10/08/09 16:12	99-87-6	
sec-Butylbenzene	<8.9	ug/L	50.0	8.9	10		10/08/09 16:12	135-98-8	
tert-Butylbenzene	<9.7	ug/L	10.0	9.7	10		10/08/09 16:12	98-06-6	
trans-1,2-Dichloroethene	12.3	ug/L	10.0	8.9	10		10/08/09 16:12	156-60-5	
4-Bromofluorobenzene (S)	87	%	70-130		10		10/08/09 16:12	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		10		10/08/09 16:12	1868-53-7	
Toluene-d8 (S)	97	%	70-130		10		10/08/09 16:12	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	124	mg/L	25.0	12.5	5		10/07/09 12:24	16887-00-6	
Sulfate, Dissolved	16.5	mg/L	5.0	2.5	1		10/06/09 20:34	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	3.6	mg/L	0.50	0.25	1		10/06/09 20:34	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	3.2	mg/L	2.0	1.4	1		10/09/09 10:35	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-27 Lab ID: 4023503009 Collected: 10/05/09 15:30 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	7.7	ug/L	5.0	0.12	1		10/08/09 01:44	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/08/09 10:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 10:47	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 10:47	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		10/08/09 10:47	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/08/09 10:47	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 10:47	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 10:47	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 10:47	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 10:47	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 10:47	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 10:47	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 10:47	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 10:47	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 10:47	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 10:47	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 10:47	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 10:47	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 10:47	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 10:47	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 10:47	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 10:47	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 10:47	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 10:47	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 10:47	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 10:47	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 10:47	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 10:47	67-66-3	
Chloromethane	0.28J	ug/L	1.0	0.24	1		10/08/09 10:47	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 10:47	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 10:47	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 10:47	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 10:47	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 10:47	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 10:47	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 10:47	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 10:47	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 10:47	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 10:47	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 10:47	108-88-3	
Trichloroethene	0.55J	ug/L	1.0	0.48	1		10/08/09 10:47	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 10:47	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 10:47	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		10/08/09 10:47	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-27 Lab ID: 4023503009 Collected: 10/05/09 15:30 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 10:47	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 10:47	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 10:47	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 10:47	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 10:47	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 10:47	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 10:47	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 10:47	156-60-5	
4-Bromofluorobenzene (S)	85 %		70-130		1		10/08/09 10:47	460-00-4	
Dibromofluoromethane (S)	100 %		70-130		1		10/08/09 10:47	1868-53-7	
Toluene-d8 (S)	96 %		70-130		1		10/08/09 10:47	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	3.2J	mg/L	5.0	2.5	1		10/06/09 21:16	16887-00-6	
Sulfate, Dissolved	14.5	mg/L	5.0	2.5	1		10/06/09 21:16	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/06/09 21:16	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	27.8	mg/L	2.0	1.4	1		10/09/09 10:40	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA

Pace Project No.: 4023503

Sample: MW-14BR Lab ID: 4023503010 Collected: 10/05/09 16:20 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	<0.12	ug/L	5.0	0.12	1		10/08/09 01:48	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/08/09 11:33	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 11:33	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 11:33	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		10/08/09 11:33	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/08/09 11:33	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 11:33	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 11:33	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 11:33	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 11:33	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 11:33	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:33	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 11:33	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 11:33	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:33	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 11:33	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 11:33	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 11:33	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 11:33	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 11:33	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 11:33	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 11:33	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 11:33	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 11:33	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 11:33	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 11:33	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 11:33	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 11:33	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 11:33	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 11:33	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 11:33	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 11:33	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 11:33	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 11:33	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 11:33	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 11:33	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 11:33	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 11:33	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 11:33	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 11:33	108-88-3	
Trichloroethene	0.95J	ug/L	1.0	0.48	1		10/08/09 11:33	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 11:33	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 11:33	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:33	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: MW-14BR Lab ID: 4023503010 Collected: 10/05/09 16:20 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 11:33	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 11:33	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 11:33	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:33	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 11:33	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 11:33	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 11:33	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 11:33	156-60-5	
4-Bromofluorobenzene (S)	87	%	70-130		1		10/08/09 11:33	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/08/09 11:33	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		10/08/09 11:33	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	63.1	mg/L	5.0	2.5	1		10/06/09 21:30	16887-00-6	M0
Sulfate, Dissolved	29.8	mg/L	5.0	2.5	1		10/06/09 21:30	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	9.4	mg/L	0.50	0.25	1		10/06/09 21:30	14797-55-8	M0
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/09/09 10:44	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA

Pace Project No.: 4023503

Sample: TRIP BLANK **Lab ID: 4023503011** Collected: 10/05/09 00:00 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/08/09 11:10	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 11:10	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 11:10	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		10/08/09 11:10	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/08/09 11:10	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 11:10	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 11:10	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 11:10	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 11:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 11:10	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:10	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 11:10	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 11:10	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:10	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 11:10	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 11:10	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 11:10	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 11:10	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 11:10	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 11:10	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 11:10	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 11:10	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 11:10	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 11:10	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 11:10	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 11:10	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 11:10	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 11:10	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 11:10	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 11:10	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 11:10	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 11:10	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 11:10	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 11:10	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 11:10	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 11:10	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 11:10	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 11:10	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 11:10	108-88-3	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		10/08/09 11:10	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 11:10	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 11:10	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:10	156-59-2	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 11:10	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 11:10	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 11:10	103-65-1	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Sample: TRIP BLANK Lab ID: 4023503011 Collected: 10/05/09 00:00 Received: 10/06/09 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 11:10	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 11:10	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 11:10	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 11:10	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 11:10	156-60-5	
4-Bromofluorobenzene (S)	84	%	70-130		1		10/08/09 11:10	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		10/08/09 11:10	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		10/08/09 11:10	2037-26-5	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

QC Batch: WETA/4910 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions,Dissolved
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010

METHOD BLANK: 217530 Matrix: Water
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.25	0.50	10/06/09 18:26	

LABORATORY CONTROL SAMPLE: 217531

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	2	2.1	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 217532 217533

Parameter	Units	4023503010 Result	MS	MSD	MS	MSD	MS	MSD	% Rec Limits	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
Nitrate as N	mg/L	9.4	2	2	11.7	11.8	116	120	90-110	.7	20 1j,M0

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

QC Batch: WETA/4911 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions, Dissolved
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010

METHOD BLANK: 217534 Matrix: Water
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.5	5.0	10/06/09 18:26	
Sulfate	mg/L	<2.5	5.0	10/06/09 18:26	

LABORATORY CONTROL SAMPLE: 217535

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.0	100	90-110	
Sulfate	mg/L	20	20.4	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 217536 217537

Parameter	Units	4023503010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Chloride	mg/L	63.1	20	20	86.0	86.6	115	118	90-110	.7	20	M0
Sulfate	mg/L	29.8	20	20	51.6	51.6	109	109	90-110	.02	20	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

QC Batch: WETA/4916 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010

METHOD BLANK: 217742 Matrix: Water
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<1.4	2.0	10/09/09 08:38	

LABORATORY CONTROL SAMPLE: 217743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	100	95.6	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 217744 217745

Parameter	Units	4023503002 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	
Total Organic Carbon	mg/L	1.9J	100	100	103	104	101	102	80-120	.7	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218291 218292

Parameter	Units	10114210004 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	
Total Organic Carbon	mg/L	ND	100	100	101	100	101	100	80-120	1	20	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

QC Batch: ICP/2707 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010

METHOD BLANK: 217774 Matrix: Water
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Manganese, Dissolved	ug/L	<0.12	5.0	10/07/09 23:57	

LABORATORY CONTROL SAMPLE: 217775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese, Dissolved	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 217776 217777

Parameter	Units	4023407013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Manganese, Dissolved	ug/L	2.8J	500	500	480	483	96	96	75-125	.6 20	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

QC Batch: MSV/5713 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010, 4023503011

METHOD BLANK: 217847 Matrix: Water
Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010, 4023503011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.90	1.0	10/08/09 08:33	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	10/08/09 08:33	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	10/08/09 08:33	
1,1-Dichloroethane	ug/L	<0.75	1.0	10/08/09 08:33	
1,1-Dichloroethene	ug/L	<0.57	1.0	10/08/09 08:33	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	10/08/09 08:33	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	10/08/09 08:33	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	10/08/09 08:33	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	10/08/09 08:33	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	10/08/09 08:33	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	10/08/09 08:33	
1,2-Dichloroethane	ug/L	<0.36	1.0	10/08/09 08:33	
1,2-Dichloropropane	ug/L	<0.49	1.0	10/08/09 08:33	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	10/08/09 08:33	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	10/08/09 08:33	
1,3-Dichloropropane	ug/L	<0.61	1.0	10/08/09 08:33	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	10/08/09 08:33	
2,2-Dichloropropane	ug/L	<0.62	1.0	10/08/09 08:33	
2-Chlorotoluene	ug/L	<0.85	1.0	10/08/09 08:33	
4-Chlorotoluene	ug/L	<0.74	1.0	10/08/09 08:33	
Benzene	ug/L	<0.41	1.0	10/08/09 08:33	
Bromobenzene	ug/L	<0.82	1.0	10/08/09 08:33	
Bromodichloromethane	ug/L	<0.56	1.0	10/08/09 08:33	
Carbon tetrachloride	ug/L	<0.49	1.0	10/08/09 08:33	
Chlorobenzene	ug/L	<0.41	1.0	10/08/09 08:33	
Chloroethane	ug/L	<0.97	1.0	10/08/09 08:33	
Chloroform	ug/L	<1.3	5.0	10/08/09 08:33	
Chloromethane	ug/L	<0.24	1.0	10/08/09 08:33	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	10/08/09 08:33	
Dibromochloromethane	ug/L	<0.81	1.0	10/08/09 08:33	
Dichlorodifluoromethane	ug/L	<0.99	1.0	10/08/09 08:33	
Diisopropyl ether	ug/L	<0.76	1.0	10/08/09 08:33	
Ethylbenzene	ug/L	<0.54	1.0	10/08/09 08:33	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	10/08/09 08:33	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	10/08/09 08:33	
m&p-Xylene	ug/L	<1.8	2.0	10/08/09 08:33	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	10/08/09 08:33	
Methylene Chloride	ug/L	<0.43	1.0	10/08/09 08:33	
n-Butylbenzene	ug/L	<0.93	1.0	10/08/09 08:33	
n-Propylbenzene	ug/L	<0.81	1.0	10/08/09 08:33	
Naphthalene	ug/L	<0.89	5.0	10/08/09 08:33	

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QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

METHOD BLANK: 217847

Matrix: Water

Associated Lab Samples: 4023503001, 4023503002, 4023503003, 4023503004, 4023503005, 4023503006, 4023503007, 4023503008, 4023503009, 4023503010, 4023503011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/L	<0.83	1.0	10/08/09 08:33	
p-Isopropyltoluene	ug/L	<0.67	1.0	10/08/09 08:33	
sec-Butylbenzene	ug/L	<0.89	5.0	10/08/09 08:33	
tert-Butylbenzene	ug/L	<0.97	1.0	10/08/09 08:33	
Tetrachloroethene	ug/L	<0.45	1.0	10/08/09 08:33	
Toluene	ug/L	<0.67	1.0	10/08/09 08:33	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	10/08/09 08:33	
Trichloroethene	ug/L	<0.48	1.0	10/08/09 08:33	
Trichlorofluoromethane	ug/L	<0.79	1.0	10/08/09 08:33	
Vinyl chloride	ug/L	<0.18	1.0	10/08/09 08:33	
4-Bromofluorobenzene (S)	%	86	70-130	10/08/09 08:33	
Dibromofluoromethane (S)	%	98	70-130	10/08/09 08:33	
Toluene-d8 (S)	%	96	70-130	10/08/09 08:33	

LABORATORY CONTROL SAMPLE & LCSD: 217848

217849

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.6	55.8	111	112	70-132	.4	20	
1,1,2,2-Tetrachloroethane	ug/L	50	54.8	52.2	110	104	69-130	.5	20	
1,1,2-Trichloroethane	ug/L	50	53.3	52.9	107	106	70-130	.8	20	
1,1-Dichloroethane	ug/L	50	56.4	56.2	113	112	70-130	.3	20	
1,1-Dichloroethene	ug/L	50	58.2	57.2	116	114	70-130	.2	20	
1,2-Dichloroethane	ug/L	50	56.4	56.5	113	113	70-134	.007	20	
1,2-Dichloropropane	ug/L	50	55.1	53.5	110	107	70-130	.3	20	
Benzene	ug/L	50	59.0	59.1	118	118	70-131	.1	20	
Bromodichloromethane	ug/L	50	50.3	50.0	101	100	70-130	.4	20	
Carbon tetrachloride	ug/L	50	54.7	54.7	109	109	70-144	.08	20	
Chlorobenzene	ug/L	50	52.2	52.3	104	105	70-130	.07	20	
Chloroethane	ug/L	50	61.0	60.5	122	121	70-136	.8	20	
Chloroform	ug/L	50	56.2	56.5	112	113	70-130	.5	20	
Chloromethane	ug/L	50	53.5	51.5	107	103	54-148	.4	20	
cis-1,2-Dichloroethene	ug/L	50	56.3	56.2	113	112	70-130	.3	20	
Dibromochloromethane	ug/L	50	46.3	46.1	93	92	70-130	.5	20	
Ethylbenzene	ug/L	50	54.2	54.1	108	108	70-130	.1	20	
m&p-Xylene	ug/L	100	107	108	107	108	70-130	.6	20	
Methylene Chloride	ug/L	50	57.8	57.8	116	116	66-130	.05	20	
o-Xylene	ug/L	50	52.2	52.7	104	105	70-130	.1	20	
Tetrachloroethene	ug/L	50	47.3	48.4	95	97	75-130	.2	20	
Toluene	ug/L	50	53.2	53.7	106	107	70-130	.8	20	
trans-1,2-Dichloroethene	ug/L	50	56.7	57.5	113	115	70-130	.1	20	
Trichloroethene	ug/L	50	54.2	53.4	108	107	70-130	.1	20	
Vinyl chloride	ug/L	50	56.1	55.7	112	111	63-141	.7	20	
4-Bromofluorobenzene (S)	%				85	88	70-130			
Dibromofluoromethane (S)	%				103	103	70-130			

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QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

LABORATORY CONTROL SAMPLE & LCSD: 217848		217849									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Toluene-d8 (S)	%				95	97	70-130				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 217956		217957												
Parameter	Units	4023503009		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Conc.									
1,1,1-Trichloroethane	ug/L	<0.90	50	50	55.5	55.5	111	111	111	111	70-137	.02	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	52.1	51.5	104	103	103	103	67-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	53.5	52.9	107	106	106	106	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	55.0	54.6	110	109	109	109	70-130	.7	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	57.8	57.5	116	115	115	115	70-130	.5	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	54.5	54.0	109	108	108	108	69-134	.9	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	53.1	52.7	106	105	105	105	70-130	.8	20	
Benzene	ug/L	<0.41	50	50	57.8	57.3	116	115	115	115	69-131	.9	20	
Bromodichloromethane	ug/L	<0.56	50	50	49.8	47.9	100	96	96	96	70-130	4	20	
Carbon tetrachloride	ug/L	<0.49	50	50	53.7	52.2	107	104	104	104	70-144	3	20	
Chlorobenzene	ug/L	<0.41	50	50	51.6	52.3	103	105	105	105	70-130	1	20	
Chloroethane	ug/L	<0.97	50	50	60.0	59.8	120	120	120	120	66-136	.5	20	
Chloroform	ug/L	<1.3	50	50	55.7	55.5	111	111	111	111	70-130	.3	20	
Chloromethane	ug/L	0.28J	50	50	52.5	51.1	105	102	102	102	54-148	3	20	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	55.5	54.8	111	110	110	110	70-130	1	20	
Dibromochloromethane	ug/L	<0.81	50	50	46.4	43.3	93	87	87	87	70-130	7	20	
Ethylbenzene	ug/L	<0.54	50	50	53.7	54.4	107	109	109	109	70-130	1	20	
m&p-Xylene	ug/L	<1.8	100	100	108	108	108	108	108	108	70-130	.8	20	
Methylene Chloride	ug/L	<0.43	50	50	57.2	56.1	114	112	112	112	64-130	2	20	
o-Xylene	ug/L	<0.83	50	50	52.2	52.9	104	106	106	106	70-130	1	20	
Tetrachloroethene	ug/L	<0.45	50	50	48.4	48.9	97	98	98	98	70-130	1	20	
Toluene	ug/L	<0.67	50	50	54.2	53.6	108	107	107	107	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	56.4	56.3	113	113	113	113	70-130	.2	20	
Trichloroethene	ug/L	0.55J	50	50	54.0	53.6	107	106	106	106	70-130	.8	20	
Vinyl chloride	ug/L	<0.18	50	50	55.7	54.4	111	109	109	109	59-141	2	20	
4-Bromofluorobenzene (S)	%							88	88	88	70-130			
Dibromofluoromethane (S)	%							101	100	100	70-130			
Toluene-d8 (S)	%							96	97	97	70-130			

QUALIFIERS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

1j Parent sample was within range. Spiking resulted in the MS/MSD going over range.
M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4023503001	MW-26	EPA 300.0	WETA/4910		
4023503002	MW-25	EPA 300.0	WETA/4910		
4023503003	MW-12	EPA 300.0	WETA/4910		
4023503004	MW-12BR	EPA 300.0	WETA/4910		
4023503005	MW-13BR2	EPA 300.0	WETA/4910		
4023503006	MW-13BR3	EPA 300.0	WETA/4910		
4023503007	MW-9D	EPA 300.0	WETA/4910		
4023503008	MW-9	EPA 300.0	WETA/4910		
4023503009	MW-27	EPA 300.0	WETA/4910		
4023503010	MW-14BR	EPA 300.0	WETA/4910		
4023503001	MW-26	EPA 300.0	WETA/4911		
4023503002	MW-25	EPA 300.0	WETA/4911		
4023503003	MW-12	EPA 300.0	WETA/4911		
4023503004	MW-12BR	EPA 300.0	WETA/4911		
4023503005	MW-13BR2	EPA 300.0	WETA/4911		
4023503006	MW-13BR3	EPA 300.0	WETA/4911		
4023503007	MW-9D	EPA 300.0	WETA/4911		
4023503008	MW-9	EPA 300.0	WETA/4911		
4023503009	MW-27	EPA 300.0	WETA/4911		
4023503010	MW-14BR	EPA 300.0	WETA/4911		
4023503001	MW-26	SM 5310C	WETA/4916		
4023503002	MW-25	SM 5310C	WETA/4916		
4023503003	MW-12	SM 5310C	WETA/4916		
4023503004	MW-12BR	SM 5310C	WETA/4916		
4023503005	MW-13BR2	SM 5310C	WETA/4916		
4023503006	MW-13BR3	SM 5310C	WETA/4916		
4023503007	MW-9D	SM 5310C	WETA/4916		
4023503008	MW-9	SM 5310C	WETA/4916		
4023503009	MW-27	SM 5310C	WETA/4916		
4023503010	MW-14BR	SM 5310C	WETA/4916		
4023503001	MW-26	EPA 6010	ICP/2707		
4023503002	MW-25	EPA 6010	ICP/2707		
4023503003	MW-12	EPA 6010	ICP/2707		
4023503004	MW-12BR	EPA 6010	ICP/2707		
4023503005	MW-13BR2	EPA 6010	ICP/2707		
4023503006	MW-13BR3	EPA 6010	ICP/2707		
4023503007	MW-9D	EPA 6010	ICP/2707		
4023503008	MW-9	EPA 6010	ICP/2707		
4023503009	MW-27	EPA 6010	ICP/2707		
4023503010	MW-14BR	EPA 6010	ICP/2707		
4023503001	MW-26	EPA 8260	MSV/5713		
4023503002	MW-25	EPA 8260	MSV/5713		
4023503003	MW-12	EPA 8260	MSV/5713		
4023503004	MW-12BR	EPA 8260	MSV/5713		
4023503005	MW-13BR2	EPA 8260	MSV/5713		
4023503006	MW-13BR3	EPA 8260	MSV/5713		
4023503007	MW-9D	EPA 8260	MSV/5713		

Date: 10/15/2009 04:41 PM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023503

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4023503008	MW-9	EPA 8260	MSV/5713		
4023503009	MW-27	EPA 8260	MSV/5713		
4023503010	MW-14BR	EPA 8260	MSV/5713		
4023503011	TRIP BLANK	EPA 8260	MSV/5713		

(Please Print Clearly)

Company Name: **RMT, Inc**
 Branch/Location: **Madison, WI**
 Project Contact: **Tom Stolzenberg**
 Phone: **608-831-4444**
 Project Number: **7397.07**
 Project Name: **Tecumseh MNA**
 Project State: **WI**
 Sampled By (Print): **Wade Keller**
 Sampled By (Sign): *[Signature]*
 PO #: _____ Regulatory Program: _____



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 928-469-2436

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=D1 Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

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

Y/N	Y	Y	N	N						
Filter Letter	D	A	B	C						
Analysis Requested										
Mn	X									
Soy, Na ₂ Cl	X									
VOCs (see list)	X									
TOC	X									

Quote #:	
Mail To Contact:	Alyssa Sellwood
Mail To Company:	RMT, Inc
Mail To Address:	744 Heartland Tr. Madison, WI 53717
Invoice To Contact:	Tom Stolzenberg
Invoice To Company:	
Invoice To Address:	As Above
Invoice To Phone:	
CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
	Profile #

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

PAGE LAB#	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	MW-26	10/9/09	1000	GW
002	MW-25		1035	
003	MW-12		1140	
004	MW-12BR		1210	
005	MW-13BR2		1245	
006	MW-13BR3		1315	
007	MW-9D		1400	
008	MW-9		1435	
009	MW-27		1530	
010	MW-14BR		1620	
011	Trip Blank			

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>Wade Keller</i> Date/Time: 10/9/09 17¹⁵	Received By:	Date/Time:	PACE Project No. 4023503
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <i>HEX</i> Date/Time: 10/6/09 1005	Received By: <i>Wade Keller</i>	Date/Time: 10/6/09 1005	Receipt Temp = 70 °C
Email #1:	Relinquished By:	Received By:	Date/Time:	Sample Receipt pH (OK) / Adjusted
Email #2:	Relinquished By:	Received By:	Date/Time:	Cooler Custody Seal Present / Not Present
Telephone:	Relinquished By:	Received By:	Date/Time:	Intact / Not Intact
Fax:	Relinquished By:	Received By:	Date/Time:	

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October 15, 2009

ALYSSA SELLWOOD
RMT MADISON
744 HEARTLAND TRAIL
Madison, WI 53717


RE: Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Dear ALYSSA SELLWOOD:

Enclosed are the analytical results for sample(s) received by the laboratory on October 07, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,



Tod Noltemeyer

tod.noltemeyer@pacelabs.com
Project Manager

Enclosures

cc: Nate Keller, RMT MADISON

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Green Bay Certification IDs

California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Kentucky Certification #: 83
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334

New York Certification #: 11887
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4023569001	MW-20BR1	Water	10/06/09 09:45	10/07/09 10:00
4023569002	MW-20BR2	Water	10/06/09 08:50	10/07/09 10:00
4023569003	MW-18BR1	Water	10/06/09 10:40	10/07/09 10:00
4023569004	MW-18BR2	Water	10/06/09 11:10	10/07/09 10:00
4023569005	MW-19BR1	Water	10/06/09 12:40	10/07/09 10:00
4023569006	MW-19BR2	Water	10/06/09 13:20	10/07/09 10:00
4023569007	MW-3BR1	Water	10/06/09 14:50	10/07/09 10:00
4023569008	MW-3BR2	Water	10/06/09 15:20	10/07/09 10:00
4023569009	MW-3BR3	Water	10/06/09 16:00	10/07/09 10:00
4023569010	TRIP BLANK	Water	10/06/09 00:00	10/07/09 10:00

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SAMPLE ANALYTE COUNT

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4023569001	MW-20BR1	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023569002	MW-20BR2	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023569003	MW-18BR1	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023569004	MW-18BR2	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023569005	MW-19BR1	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023569006	MW-19BR2	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023569007	MW-3BR1	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023569008	MW-3BR2	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023569009	MW-3BR3	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023569010	TRIP BLANK	EPA 8260	SMT	54	PASI-G

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: RMT - MADISON
Date: October 15, 2009

General Information:

9 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Method: EPA 8260
Description: 8260 MSV
Client: RMT - MADISON
Date: October 15, 2009

General Information:

10 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Method: EPA 300.0
Description: 300.0 IC Anions 28 Days,Diss
Client: RMT - MADISON
Date: October 15, 2009

General Information:

9 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

QC Batch: WETA/4927

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4023569003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 218236)
 - Chloride, Dissolved
- MSD (Lab ID: 218237)
 - Chloride, Dissolved
 - Sulfate, Dissolved

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: WETA/4927

1j: Parent sample was within range. Spiking resulted in the MS/MSD going over range.

- MS (Lab ID: 218236)
 - Chloride, Dissolved
- MSD (Lab ID: 218237)
 - Chloride, Dissolved

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Method: EPA 300.0
Description: 300.0 IC Anions, Dissolved
Client: RMT - MADISON
Date: October 15, 2009

General Information:

9 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

QC Batch: WETA/4926

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10114072001,4023569003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 218229)
 - Nitrate as N, Dissolved
- MSD (Lab ID: 218230)
 - Nitrate as N, Dissolved

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Method: SM 5310C
Description: 5310C TOC
Client: RMT - MADISON
Date: October 15, 2009

General Information:

9 samples were analyzed for SM 5310C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-20BR1 Lab ID: 4023569001 Collected: 10/06/09 09:45 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Manganese, Dissolved	142	ug/L	5.0	0.12	1		10/13/09 12:02	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/08/09 14:08	71-55-6	
1,1,1,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 14:08	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 14:08	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		10/08/09 14:08	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/08/09 14:08	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 14:08	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 14:08	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 14:08	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 14:08	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 14:08	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:08	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 14:08	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 14:08	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:08	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 14:08	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 14:08	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 14:08	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 14:08	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 14:08	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 14:08	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 14:08	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 14:08	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 14:08	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 14:08	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 14:08	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 14:08	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 14:08	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 14:08	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 14:08	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 14:08	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 14:08	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 14:08	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 14:08	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 14:08	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 14:08	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 14:08	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 14:08	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 14:08	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 14:08	108-88-3	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		10/08/09 14:08	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 14:08	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 14:08	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:08	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-20BR1 Lab ID: 4023569001 Collected: 10/06/09 09:45 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 14:08	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 14:08	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 14:08	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:08	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 14:08	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 14:08	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 14:08	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 14:08	156-60-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		10/08/09 14:08	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		10/08/09 14:08	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		10/08/09 14:08	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	495	mg/L	50.0	25.0	10		10/09/09 15:40	16887-00-6	
Sulfate, Dissolved	10.4	mg/L	5.0	2.5	1		10/07/09 19:13	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/07/09 19:13	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	8.2	mg/L	2.0	1.4	1		10/14/09 08:34	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-20BR2 Lab ID: 4023569002 Collected: 10/06/09 08:50 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	176	ug/L	5.0	0.12	1		10/13/09 12:06	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/08/09 12:10	71-55-6	
1,1,1,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 12:10	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 12:10	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		10/08/09 12:10	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/08/09 12:10	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 12:10	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 12:10	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 12:10	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 12:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 12:10	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:10	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 12:10	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 12:10	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:10	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 12:10	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 12:10	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 12:10	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 12:10	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 12:10	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 12:10	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 12:10	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 12:10	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 12:10	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 12:10	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 12:10	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 12:10	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 12:10	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 12:10	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 12:10	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 12:10	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 12:10	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 12:10	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 12:10	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 12:10	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 12:10	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 12:10	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 12:10	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 12:10	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 12:10	108-88-3	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		10/08/09 12:10	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 12:10	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 12:10	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:10	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA

Pace Project No.: 4023569

Sample: MW-20BR2 Lab ID: 4023569002 Collected: 10/06/09 08:50 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 12:10	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 12:10	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 12:10	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:10	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 12:10	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 12:10	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 12:10	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 12:10	156-60-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		10/08/09 12:10	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		10/08/09 12:10	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		10/08/09 12:10	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	761	mg/L	50.0	25.0	10		10/09/09 15:55	16887-00-6	
Sulfate, Dissolved	3.8J	mg/L	5.0	2.5	1		10/07/09 19:27	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/07/09 19:27	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	10.3	mg/L	2.0	1.4	1		10/14/09 08:37	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA

Pace Project No.: 4023569

Sample: MW-18BR1 Lab ID: 4023569003 Collected: 10/06/09 10:40 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Manganese, Dissolved	<0.12	ug/L	5.0	0.12	1		10/13/09 12:10	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	2.2	ug/L	1.0	0.90	1		10/08/09 14:55	71-55-6	
1,1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 14:55	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 14:55	79-00-5	
1,1-Dichloroethane	11.0	ug/L	1.0	0.75	1		10/08/09 14:55	75-34-3	
1,1-Dichloroethene	1.2	ug/L	1.0	0.57	1		10/08/09 14:55	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 14:55	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 14:55	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 14:55	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 14:55	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 14:55	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:55	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 14:55	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 14:55	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:55	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 14:55	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 14:55	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 14:55	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 14:55	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 14:55	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 14:55	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 14:55	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 14:55	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 14:55	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 14:55	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 14:55	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 14:55	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 14:55	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 14:55	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 14:55	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 14:55	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 14:55	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 14:55	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 14:55	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 14:55	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 14:55	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 14:55	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 14:55	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 14:55	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 14:55	108-88-3	
Trichloroethene	20.4	ug/L	1.0	0.48	1		10/08/09 14:55	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 14:55	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 14:55	75-01-4	
cis-1,2-Dichloroethene	7.4	ug/L	1.0	0.83	1		10/08/09 14:55	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-18BR1 Lab ID: 4023569003 Collected: 10/06/09 10:40 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 14:55	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 14:55	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 14:55	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:55	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 14:55	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 14:55	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 14:55	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 14:55	156-60-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		10/08/09 14:55	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/08/09 14:55	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		10/08/09 14:55	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	93.7	mg/L	5.0	2.5	1		10/07/09 19:41	16887-00-6	M0
Sulfate, Dissolved	37.4	mg/L	5.0	2.5	1		10/07/09 19:41	14808-79-8	M0
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	6.1	mg/L	0.50	0.25	1		10/07/09 19:41	14797-55-8	M0
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/14/09 08:42	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-18BR2 Lab ID: 4023569004 Collected: 10/06/09 11:10 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	55.9	ug/L	5.0	0.12	1		10/13/09 12:26	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	14.5	ug/L	1.0	0.90	1		10/08/09 15:19	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 15:19	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 15:19	79-00-5	
1,1-Dichloroethane	86.9	ug/L	1.0	0.75	1		10/08/09 15:19	75-34-3	
1,1-Dichloroethene	11.1	ug/L	1.0	0.57	1		10/08/09 15:19	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 15:19	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 15:19	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 15:19	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 15:19	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 15:19	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 15:19	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 15:19	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 15:19	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 15:19	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 15:19	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 15:19	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 15:19	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 15:19	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 15:19	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 15:19	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 15:19	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 15:19	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 15:19	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 15:19	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 15:19	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 15:19	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 15:19	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 15:19	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 15:19	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 15:19	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 15:19	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 15:19	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 15:19	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 15:19	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 15:19	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 15:19	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 15:19	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 15:19	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 15:19	108-88-3	
Trichloroethene	124	ug/L	1.0	0.48	1		10/08/09 15:19	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 15:19	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 15:19	75-01-4	
cis-1,2-Dichloroethene	58.4	ug/L	1.0	0.83	1		10/08/09 15:19	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-18BR2 Lab ID: 4023569004 Collected: 10/06/09 11:10 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 15:19	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 15:19	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 15:19	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 15:19	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 15:19	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 15:19	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 15:19	98-06-6	
trans-1,2-Dichloroethene	1.4	ug/L	1.0	0.89	1		10/08/09 15:19	156-60-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		10/08/09 15:19	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/08/09 15:19	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/08/09 15:19	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	265	mg/L	25.0	12.5	5		10/09/09 16:09	16887-00-6	
Sulfate, Dissolved	43.5	mg/L	5.0	2.5	1		10/07/09 20:23	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	3.8	mg/L	0.50	0.25	1		10/07/09 20:23	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	2.6	mg/L	2.0	1.4	1		10/14/09 09:02	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-19BR1 Lab ID: 4023569005 Collected: 10/06/09 12:40 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	33.6	ug/L	5.0	0.12	1		10/13/09 12:30	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/08/09 15:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 15:43	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 15:43	79-00-5	
1,1-Dichloroethane	96.5	ug/L	1.0	0.75	1		10/08/09 15:43	75-34-3	
1,1-Dichloroethene	13.7	ug/L	1.0	0.57	1		10/08/09 15:43	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 15:43	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 15:43	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 15:43	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 15:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 15:43	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 15:43	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 15:43	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 15:43	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 15:43	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 15:43	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 15:43	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 15:43	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 15:43	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 15:43	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 15:43	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 15:43	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 15:43	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 15:43	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 15:43	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 15:43	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 15:43	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 15:43	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 15:43	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 15:43	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 15:43	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 15:43	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 15:43	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 15:43	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 15:43	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 15:43	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 15:43	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 15:43	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 15:43	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 15:43	108-88-3	
Trichloroethene	255	ug/L	1.0	0.48	1		10/08/09 15:43	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 15:43	75-69-4	
Vinyl chloride	2.8	ug/L	1.0	0.18	1		10/08/09 15:43	75-01-4	
cis-1,2-Dichloroethene	86.0	ug/L	1.0	0.83	1		10/08/09 15:43	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: MW-19BR1		Lab ID: 4023569005		Collected: 10/06/09 12:40		Received: 10/07/09 10:00		Matrix: Water	
8260 MSV									
Analytical Method: EPA 8260									
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 15:43	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 15:43	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 15:43	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 15:43	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 15:43	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 15:43	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 15:43	98-06-6	
trans-1,2-Dichloroethene	1.3	ug/L	1.0	0.89	1		10/08/09 15:43	156-60-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		10/08/09 15:43	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		10/08/09 15:43	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		10/08/09 15:43	2037-26-5	
300.0 IC Anions 28 Days,Diss									
Analytical Method: EPA 300.0									
Chloride, Dissolved	110	mg/L	25.0	12.5	5		10/09/09 16:23	16887-00-6	
Sulfate, Dissolved	58.9	mg/L	5.0	2.5	1		10/07/09 20:38	14808-79-8	
300.0 IC Anions, Dissolved									
Analytical Method: EPA 300.0									
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/07/09 20:38	14797-55-8	
5310C TOC									
Analytical Method: SM 5310C									
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/14/09 09:12	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-19BR2 Lab ID: 4023569006 Collected: 10/06/09 13:20 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	172	ug/L	5.0	0.12	1		10/13/09 12:34	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/08/09 14:31	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 14:31	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 14:31	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		10/08/09 14:31	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/08/09 14:31	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 14:31	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 14:31	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 14:31	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 14:31	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 14:31	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:31	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 14:31	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 14:31	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:31	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 14:31	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 14:31	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 14:31	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 14:31	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 14:31	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 14:31	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 14:31	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 14:31	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 14:31	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 14:31	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 14:31	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 14:31	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 14:31	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 14:31	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 14:31	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 14:31	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 14:31	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 14:31	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 14:31	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 14:31	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 14:31	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 14:31	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 14:31	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 14:31	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 14:31	108-88-3	
Trichloroethene	1.1	ug/L	1.0	0.48	1		10/08/09 14:31	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 14:31	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 14:31	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:31	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-19BR2 Lab ID: 4023569006 Collected: 10/06/09 13:20 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 14:31	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 14:31	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 14:31	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 14:31	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 14:31	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 14:31	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 14:31	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 14:31	156-60-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		10/08/09 14:31	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		10/08/09 14:31	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		10/08/09 14:31	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	2.6J	mg/L	5.0	2.5	1		10/07/09 20:52	16887-00-6	
Sulfate, Dissolved	7.4	mg/L	5.0	2.5	1		10/07/09 20:52	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/07/09 20:52	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/14/09 09:38	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-3BR1 Lab ID: 4023569007 Collected: 10/06/09 14:50 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	58.9	ug/L	5.0	0.12	1		10/13/09 12:38	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	37.3	ug/L	1.0	0.90	1		10/08/09 16:06	71-55-6	
1,1,1,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 16:06	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 16:06	79-00-5	
1,1-Dichloroethane	24.3	ug/L	1.0	0.75	1		10/08/09 16:06	75-34-3	
1,1-Dichloroethene	9.5	ug/L	1.0	0.57	1		10/08/09 16:06	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 16:06	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 16:06	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 16:06	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 16:06	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 16:06	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 16:06	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 16:06	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 16:06	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 16:06	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 16:06	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 16:06	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 16:06	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 16:06	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 16:06	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 16:06	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 16:06	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 16:06	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 16:06	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 16:06	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 16:06	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 16:06	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 16:06	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 16:06	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 16:06	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 16:06	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 16:06	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 16:06	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 16:06	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 16:06	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 16:06	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 16:06	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 16:06	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 16:06	127-18-4	
Toluene	0.78J	ug/L	1.0	0.67	1		10/08/09 16:06	108-88-3	
Trichloroethene	96.3	ug/L	1.0	0.48	1		10/08/09 16:06	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 16:06	75-69-4	
Vinyl chloride	1.5	ug/L	1.0	0.18	1		10/08/09 16:06	75-01-4	
cis-1,2-Dichloroethene	18.9	ug/L	1.0	0.83	1		10/08/09 16:06	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-3BR1 Lab ID: 4023569007 Collected: 10/06/09 14:50 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 16:06	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 16:06	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 16:06	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 16:06	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 16:06	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 16:06	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 16:06	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 16:06	156-60-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		10/08/09 16:06	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/08/09 16:06	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		10/08/09 16:06	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	36.2	mg/L	5.0	2.5	1		10/07/09 21:35	16887-00-6	
Sulfate, Dissolved	65.7	mg/L	5.0	2.5	1		10/07/09 21:35	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/07/09 21:35	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/14/09 09:42	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-3BR2 Lab ID: 4023569008 Collected: 10/06/09 15:20 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	39.7	ug/L	5.0	0.12	1		10/13/09 12:42	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	5.7	ug/L	2.0	1.8	2		10/08/09 18:04	71-55-6	
1,1,2,2-Tetrachloroethane	<0.40	ug/L	2.0	0.40	2		10/08/09 18:04	79-34-5	
1,1,2-Trichloroethane	<0.84	ug/L	2.0	0.84	2		10/08/09 18:04	79-00-5	
1,1-Dichloroethane	21.2	ug/L	2.0	1.5	2		10/08/09 18:04	75-34-3	
1,1-Dichloroethene	1.7J	ug/L	2.0	1.1	2		10/08/09 18:04	75-35-4	
1,2,3-Trichlorobenzene	<1.5	ug/L	2.0	1.5	2		10/08/09 18:04	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:04	120-82-1	
1,2,4-Trimethylbenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:04	95-63-6	
1,2-Dibromo-3-chloropropane	<3.4	ug/L	10.0	3.4	2		10/08/09 18:04	96-12-8	
1,2-Dibromoethane (EDB)	<1.1	ug/L	2.0	1.1	2		10/08/09 18:04	106-93-4	
1,2-Dichlorobenzene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:04	95-50-1	
1,2-Dichloroethane	<0.72	ug/L	2.0	0.72	2		10/08/09 18:04	107-06-2	
1,2-Dichloropropane	<0.98	ug/L	2.0	0.98	2		10/08/09 18:04	78-87-5	
1,3,5-Trimethylbenzene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:04	108-67-8	
1,3-Dichlorobenzene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:04	541-73-1	
1,3-Dichloropropane	<1.2	ug/L	2.0	1.2	2		10/08/09 18:04	142-28-9	
1,4-Dichlorobenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:04	106-46-7	
2,2-Dichloropropane	<1.2	ug/L	2.0	1.2	2		10/08/09 18:04	594-20-7	
2-Chlorotoluene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:04	95-49-8	
4-Chlorotoluene	<1.5	ug/L	2.0	1.5	2		10/08/09 18:04	106-43-4	
Benzene	<0.82	ug/L	2.0	0.82	2		10/08/09 18:04	71-43-2	
Bromobenzene	<1.6	ug/L	2.0	1.6	2		10/08/09 18:04	108-86-1	
Bromodichloromethane	<1.1	ug/L	2.0	1.1	2		10/08/09 18:04	75-27-4	
Carbon tetrachloride	<0.98	ug/L	2.0	0.98	2		10/08/09 18:04	56-23-5	
Chlorobenzene	<0.82	ug/L	2.0	0.82	2		10/08/09 18:04	108-90-7	
Chloroethane	<1.9	ug/L	2.0	1.9	2		10/08/09 18:04	75-00-3	
Chloroform	<2.6	ug/L	10.0	2.6	2		10/08/09 18:04	67-66-3	
Chloromethane	<0.48	ug/L	2.0	0.48	2		10/08/09 18:04	74-87-3	
Dibromochloromethane	<1.6	ug/L	2.0	1.6	2		10/08/09 18:04	124-48-1	
Dichlorodifluoromethane	<2.0	ug/L	2.0	2.0	2		10/08/09 18:04	75-71-8	
Diisopropyl ether	<1.5	ug/L	2.0	1.5	2		10/08/09 18:04	108-20-3	
Ethylbenzene	<1.1	ug/L	2.0	1.1	2		10/08/09 18:04	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	10.0	1.3	2		10/08/09 18:04	87-68-3	
Isopropylbenzene (Cumene)	<1.2	ug/L	2.0	1.2	2		10/08/09 18:04	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	2.0	1.2	2		10/08/09 18:04	1634-04-4	
Methylene Chloride	<0.86	ug/L	2.0	0.86	2		10/08/09 18:04	75-09-2	
Naphthalene	<1.8	ug/L	10.0	1.8	2		10/08/09 18:04	91-20-3	
Tetrachloroethene	<0.90	ug/L	2.0	0.90	2		10/08/09 18:04	127-18-4	
Toluene	<1.3	ug/L	2.0	1.3	2		10/08/09 18:04	108-88-3	
Trichloroethene	111	ug/L	2.0	0.96	2		10/08/09 18:04	79-01-6	
Trichlorofluoromethane	<1.6	ug/L	2.0	1.6	2		10/08/09 18:04	75-69-4	
Vinyl chloride	2.1	ug/L	2.0	0.36	2		10/08/09 18:04	75-01-4	
cis-1,2-Dichloroethene	27.8	ug/L	2.0	1.7	2		10/08/09 18:04	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA

Pace Project No.: 4023569

Sample: MW-3BR2 Lab ID: 4023569008 Collected: 10/06/09 15:20 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<3.6	ug/L	4.0	3.6	2		10/08/09 18:04	1330-20-7	
n-Butylbenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:04	104-51-8	
n-Propylbenzene	<1.6	ug/L	2.0	1.6	2		10/08/09 18:04	103-65-1	
o-Xylene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:04	95-47-6	
p-Isopropyltoluene	<1.3	ug/L	2.0	1.3	2		10/08/09 18:04	99-87-6	
sec-Butylbenzene	<1.8	ug/L	10.0	1.8	2		10/08/09 18:04	135-98-8	
tert-Butylbenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:04	98-06-6	
trans-1,2-Dichloroethene	<1.8	ug/L	2.0	1.8	2		10/08/09 18:04	156-60-5	
4-Bromofluorobenzene (S)	105	%	70-130		2		10/08/09 18:04	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		2		10/08/09 18:04	1868-53-7	
Toluene-d8 (S)	99	%	70-130		2		10/08/09 18:04	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	90.4	mg/L	25.0	12.5	5		10/09/09 16:37	16887-00-6	
Sulfate, Dissolved	92.8	mg/L	5.0	2.5	1		10/07/09 21:49	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/07/09 21:49	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/14/09 09:45	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-3BR3 Lab ID: 4023569009 Collected: 10/06/09 16:00 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese, Dissolved	48.6	ug/L	5.0	0.12	1		10/13/09 12:46	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	4.9	ug/L	2.0	1.8	2		10/08/09 18:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.40	ug/L	2.0	0.40	2		10/08/09 18:28	79-34-5	
1,1,2-Trichloroethane	<0.84	ug/L	2.0	0.84	2		10/08/09 18:28	79-00-5	
1,1-Dichloroethane	24.1	ug/L	2.0	1.5	2		10/08/09 18:28	75-34-3	
1,1-Dichloroethene	2.9	ug/L	2.0	1.1	2		10/08/09 18:28	75-35-4	
1,2,3-Trichlorobenzene	<1.5	ug/L	2.0	1.5	2		10/08/09 18:28	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:28	120-82-1	
1,2,4-Trimethylbenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:28	95-63-6	
1,2-Dibromo-3-chloropropane	<3.4	ug/L	10.0	3.4	2		10/08/09 18:28	96-12-8	
1,2-Dibromoethane (EDB)	<1.1	ug/L	2.0	1.1	2		10/08/09 18:28	106-93-4	
1,2-Dichlorobenzene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:28	95-50-1	
1,2-Dichloroethane	<0.72	ug/L	2.0	0.72	2		10/08/09 18:28	107-06-2	
1,2-Dichloropropane	<0.98	ug/L	2.0	0.98	2		10/08/09 18:28	78-87-5	
1,3,5-Trimethylbenzene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:28	108-67-8	
1,3-Dichlorobenzene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:28	541-73-1	
1,3-Dichloropropane	<1.2	ug/L	2.0	1.2	2		10/08/09 18:28	142-28-9	
1,4-Dichlorobenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:28	106-46-7	
2,2-Dichloropropane	<1.2	ug/L	2.0	1.2	2		10/08/09 18:28	594-20-7	
2-Chlorotoluene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:28	95-49-8	
4-Chlorotoluene	<1.5	ug/L	2.0	1.5	2		10/08/09 18:28	106-43-4	
Benzene	<0.82	ug/L	2.0	0.82	2		10/08/09 18:28	71-43-2	
Bromobenzene	<1.6	ug/L	2.0	1.6	2		10/08/09 18:28	108-86-1	
Bromodichloromethane	<1.1	ug/L	2.0	1.1	2		10/08/09 18:28	75-27-4	
Carbon tetrachloride	<0.98	ug/L	2.0	0.98	2		10/08/09 18:28	56-23-5	
Chlorobenzene	<0.82	ug/L	2.0	0.82	2		10/08/09 18:28	108-90-7	
Chloroethane	<1.9	ug/L	2.0	1.9	2		10/08/09 18:28	75-00-3	
Chloroform	<2.6	ug/L	10.0	2.6	2		10/08/09 18:28	67-66-3	
Chloromethane	<0.48	ug/L	2.0	0.48	2		10/08/09 18:28	74-87-3	
Dibromochloromethane	<1.6	ug/L	2.0	1.6	2		10/08/09 18:28	124-48-1	
Dichlorodifluoromethane	<2.0	ug/L	2.0	2.0	2		10/08/09 18:28	75-71-8	
Diisopropyl ether	<1.5	ug/L	2.0	1.5	2		10/08/09 18:28	108-20-3	
Ethylbenzene	<1.1	ug/L	2.0	1.1	2		10/08/09 18:28	100-41-4	
Hexachloro-1,3-butadiene	<1.3	ug/L	10.0	1.3	2		10/08/09 18:28	87-68-3	
Isopropylbenzene (Cumene)	<1.2	ug/L	2.0	1.2	2		10/08/09 18:28	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	2.0	1.2	2		10/08/09 18:28	1634-04-4	
Methylene Chloride	<0.86	ug/L	2.0	0.86	2		10/08/09 18:28	75-09-2	
Naphthalene	<1.8	ug/L	10.0	1.8	2		10/08/09 18:28	91-20-3	
Tetrachloroethene	<0.90	ug/L	2.0	0.90	2		10/08/09 18:28	127-18-4	
Toluene	<1.3	ug/L	2.0	1.3	2		10/08/09 18:28	108-88-3	
Trichloroethene	195	ug/L	2.0	0.96	2		10/08/09 18:28	79-01-6	
Trichlorofluoromethane	<1.6	ug/L	2.0	1.6	2		10/08/09 18:28	75-69-4	
Vinyl chloride	3.4	ug/L	2.0	0.36	2		10/08/09 18:28	75-01-4	
cis-1,2-Dichloroethene	56.3	ug/L	2.0	1.7	2		10/08/09 18:28	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: MW-3BR3 Lab ID: 4023569009 Collected: 10/06/09 16:00 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<3.6	ug/L	4.0	3.6	2		10/08/09 18:28	1330-20-7	
n-Butylbenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:28	104-51-8	
n-Propylbenzene	<1.6	ug/L	2.0	1.6	2		10/08/09 18:28	103-65-1	
o-Xylene	<1.7	ug/L	2.0	1.7	2		10/08/09 18:28	95-47-6	
p-Isopropyltoluene	<1.3	ug/L	2.0	1.3	2		10/08/09 18:28	99-87-6	
sec-Butylbenzene	<1.8	ug/L	10.0	1.8	2		10/08/09 18:28	135-98-8	
tert-Butylbenzene	<1.9	ug/L	2.0	1.9	2		10/08/09 18:28	98-06-6	
trans-1,2-Dichloroethene	2.6	ug/L	2.0	1.8	2		10/08/09 18:28	156-60-5	
4-Bromofluorobenzene (S)	105	%	70-130		2		10/08/09 18:28	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		2		10/08/09 18:28	1868-53-7	
Toluene-d8 (S)	100	%	70-130		2		10/08/09 18:28	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	86.4	mg/L	5.0	2.5	1		10/08/09 12:49	16887-00-6	
Sulfate, Dissolved	91.2	mg/L	5.0	2.5	1		10/08/09 12:49	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/08/09 12:49	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/14/09 09:49	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: TRIP BLANK Lab ID: 4023569010 Collected: 10/06/09 00:00 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/08/09 12:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/08/09 12:34	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/08/09 12:34	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		10/08/09 12:34	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/08/09 12:34	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/08/09 12:34	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 12:34	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 12:34	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/08/09 12:34	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/08/09 12:34	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:34	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/08/09 12:34	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/08/09 12:34	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:34	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/08/09 12:34	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/08/09 12:34	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/08/09 12:34	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/08/09 12:34	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/08/09 12:34	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/08/09 12:34	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/08/09 12:34	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/08/09 12:34	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/08/09 12:34	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/08/09 12:34	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/08/09 12:34	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/08/09 12:34	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/08/09 12:34	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/08/09 12:34	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/08/09 12:34	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/08/09 12:34	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/08/09 12:34	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/08/09 12:34	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/08/09 12:34	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/08/09 12:34	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/08/09 12:34	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/08/09 12:34	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/08/09 12:34	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/08/09 12:34	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/08/09 12:34	108-88-3	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		10/08/09 12:34	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/08/09 12:34	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/08/09 12:34	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:34	156-59-2	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/08/09 12:34	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/08/09 12:34	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/08/09 12:34	103-65-1	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Sample: TRIP BLANK Lab ID: 4023569010 Collected: 10/06/09 00:00 Received: 10/07/09 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/08/09 12:34	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/08/09 12:34	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/08/09 12:34	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/08/09 12:34	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/08/09 12:34	156-60-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		10/08/09 12:34	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/08/09 12:34	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		10/08/09 12:34	2037-26-5	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

QC Batch: MSV/5718 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009, 4023569010

METHOD BLANK: 218078 Matrix: Water
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009, 4023569010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.90	1.0	10/08/09 08:42	
1,1,1,2-Tetrachloroethane	ug/L	<0.20	1.0	10/08/09 08:42	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	10/08/09 08:42	
1,1-Dichloroethane	ug/L	<0.75	1.0	10/08/09 08:42	
1,1-Dichloroethene	ug/L	<0.57	1.0	10/08/09 08:42	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	10/08/09 08:42	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	10/08/09 08:42	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	10/08/09 08:42	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	10/08/09 08:42	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	10/08/09 08:42	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	10/08/09 08:42	
1,2-Dichloroethane	ug/L	<0.36	1.0	10/08/09 08:42	
1,2-Dichloropropane	ug/L	<0.49	1.0	10/08/09 08:42	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	10/08/09 08:42	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	10/08/09 08:42	
1,3-Dichloropropane	ug/L	<0.61	1.0	10/08/09 08:42	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	10/08/09 08:42	
2,2-Dichloropropane	ug/L	<0.62	1.0	10/08/09 08:42	
2-Chlorotoluene	ug/L	<0.85	1.0	10/08/09 08:42	
4-Chlorotoluene	ug/L	<0.74	1.0	10/08/09 08:42	
Benzene	ug/L	<0.41	1.0	10/08/09 08:42	
Bromobenzene	ug/L	<0.82	1.0	10/08/09 08:42	
Bromodichloromethane	ug/L	<0.56	1.0	10/08/09 08:42	
Carbon tetrachloride	ug/L	<0.49	1.0	10/08/09 08:42	
Chlorobenzene	ug/L	<0.41	1.0	10/08/09 08:42	
Chloroethane	ug/L	<0.97	1.0	10/08/09 08:42	
Chloroform	ug/L	<1.3	5.0	10/08/09 08:42	
Chloromethane	ug/L	<0.24	1.0	10/08/09 08:42	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	10/08/09 08:42	
Dibromochloromethane	ug/L	<0.81	1.0	10/08/09 08:42	
Dichlorodifluoromethane	ug/L	<0.99	1.0	10/08/09 08:42	
Diisopropyl ether	ug/L	<0.76	1.0	10/08/09 08:42	
Ethylbenzene	ug/L	<0.54	1.0	10/08/09 08:42	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	10/08/09 08:42	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	10/08/09 08:42	
m&p-Xylene	ug/L	<1.8	2.0	10/08/09 08:42	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	10/08/09 08:42	
Methylene Chloride	ug/L	<0.43	1.0	10/08/09 08:42	
n-Butylbenzene	ug/L	<0.93	1.0	10/08/09 08:42	
n-Propylbenzene	ug/L	<0.81	1.0	10/08/09 08:42	
Naphthalene	ug/L	<0.89	5.0	10/08/09 08:42	

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QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

METHOD BLANK: 218078 Matrix: Water
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009, 4023569010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
o-Xylene	ug/L	<0.83	1.0	10/08/09 08:42	
p-Isopropyltoluene	ug/L	<0.67	1.0	10/08/09 08:42	
sec-Butylbenzene	ug/L	<0.89	5.0	10/08/09 08:42	
tert-Butylbenzene	ug/L	<0.97	1.0	10/08/09 08:42	
Tetrachloroethene	ug/L	<0.45	1.0	10/08/09 08:42	
Toluene	ug/L	<0.67	1.0	10/08/09 08:42	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	10/08/09 08:42	
Trichloroethene	ug/L	<0.48	1.0	10/08/09 08:42	
Trichlorofluoromethane	ug/L	<0.79	1.0	10/08/09 08:42	
Vinyl chloride	ug/L	<0.18	1.0	10/08/09 08:42	
4-Bromofluorobenzene (S)	%	105	70-130	10/08/09 08:42	
Dibromofluoromethane (S)	%	97	70-130	10/08/09 08:42	
Toluene-d8 (S)	%	97	70-130	10/08/09 08:42	

Parameter	Units	218079		218080		% Rec Limits	% Rec	% Rec	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCS % Rec						
1,1,1-Trichloroethane	ug/L	50	54.3	53.1	109	106	70-132	2	20		
1,1,2,2-Tetrachloroethane	ug/L	50	46.2	44.5	92	89	69-130	4	20		
1,1,2-Trichloroethane	ug/L	50	51.0	48.7	102	97	70-130	5	20		
1,1-Dichloroethane	ug/L	50	53.3	50.6	107	101	70-130	5	20		
1,1-Dichloroethene	ug/L	50	49.2	47.2	98	94	70-130	4	20		
1,2-Dichloroethane	ug/L	50	55.8	52.9	112	106	70-134	5	20		
1,2-Dichloropropane	ug/L	50	52.6	51.9	105	104	70-130	1	20		
Benzene	ug/L	50	53.6	52.9	107	106	70-131	1	20		
Bromodichloromethane	ug/L	50	49.1	48.2	98	96	70-130	2	20		
Carbon tetrachloride	ug/L	50	53.6	52.4	107	105	70-144	2	20		
Chlorobenzene	ug/L	50	52.5	52.0	105	104	70-130	1	20		
Chloroethane	ug/L	50	49.3	49.6	99	99	70-136	.7	20		
Chloroform	ug/L	50	52.5	50.7	105	101	70-130	4	20		
Chloromethane	ug/L	50	45.2	43.1	90	86	54-148	5	20		
cis-1,2-Dichloroethene	ug/L	50	52.9	50.8	106	102	70-130	4	20		
Dibromochloromethane	ug/L	50	45.2	46.3	90	93	70-130	2	20		
Ethylbenzene	ug/L	50	54.0	53.5	108	107	70-130	1	20		
m&p-Xylene	ug/L	100	106	108	106	108	70-130	1	20		
Methylene Chloride	ug/L	50	42.8	41.8	86	84	66-130	2	20		
o-Xylene	ug/L	50	53.0	51.6	106	103	70-130	3	20		
Tetrachloroethene	ug/L	50	53.7	53.3	107	107	75-130	.8	20		
Toluene	ug/L	50	53.9	53.2	108	106	70-130	1	20		
trans-1,2-Dichloroethene	ug/L	50	54.3	50.5	109	101	70-130	7	20		
Trichloroethene	ug/L	50	53.4	51.9	107	104	70-130	3	20		
Vinyl chloride	ug/L	50	44.7	44.3	89	89	63-141	1	20		
4-Bromofluorobenzene (S)	%				106	104	70-130				
Dibromofluoromethane (S)	%				101	99	70-130				

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QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

LABORATORY CONTROL SAMPLE & LCSD: 218079			218080							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Toluene-d8 (S)	%				101	100	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218081			218082									
Parameter	Units	4023569002	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.90	50	50	52.5	50.8	105	102	70-137	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	44.8	45.3	90	91	67-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	47.2	46.1	94	92	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.75	50	50	50.8	49.5	102	99	70-130	2	20	
1,1-Dichloroethene	ug/L	<0.57	50	50	46.6	44.6	93	89	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.36	50	50	52.5	51.4	105	103	69-134	2	20	
1,2-Dichloropropane	ug/L	<0.49	50	50	51.6	48.8	103	98	70-130	6	20	
Benzene	ug/L	<0.41	50	50	51.3	50.3	103	101	69-131	2	20	
Bromodichloromethane	ug/L	<0.56	50	50	47.5	44.6	95	89	70-130	6	20	
Carbon tetrachloride	ug/L	<0.49	50	50	49.7	50.0	99	100	70-144	.6	20	
Chlorobenzene	ug/L	<0.41	50	50	51.2	49.7	102	99	70-130	3	20	
Chloroethane	ug/L	<0.97	50	50	47.9	47.2	96	94	66-136	1	20	
Chloroform	ug/L	<1.3	50	50	51.1	49.9	102	100	70-130	2	20	
Chloromethane	ug/L	<0.24	50	50	40.7	39.0	81	78	54-148	4	20	
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	50.9	50.5	102	101	70-130	.6	20	
Dibromochloromethane	ug/L	<0.81	50	50	42.3	42.6	85	85	70-130	.7	20	
Ethylbenzene	ug/L	<0.54	50	50	51.6	50.9	103	101	70-130	1	20	
m&p-Xylene	ug/L	<1.8	100	100	103	102	103	101	70-130	2	20	
Methylene Chloride	ug/L	<0.43	50	50	40.0	39.3	80	79	64-130	2	20	
o-Xylene	ug/L	<0.83	50	50	50.3	49.7	101	99	70-130	1	20	
Tetrachloroethene	ug/L	<0.45	50	50	51.7	50.3	103	101	70-130	3	20	
Toluene	ug/L	<0.67	50	50	51.9	51.7	103	103	70-130	.3	20	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	49.8	50.4	100	101	70-130	1	20	
Trichloroethene	ug/L	<0.48	50	50	52.2	48.4	104	97	70-130	7	20	
Vinyl chloride	ug/L	<0.18	50	50	40.3	40.6	81	81	59-141	.8	20	
4-Bromofluorobenzene (S)	%						102	105	70-130			
Dibromofluoromethane (S)	%						102	103	70-130			
Toluene-d8 (S)	%						99	100	70-130			

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

QC Batch: WETA/4926 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions, Dissolved
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009

METHOD BLANK: 218225 Matrix: Water
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.25	0.50	10/07/09 18:44	

LABORATORY CONTROL SAMPLE: 218226

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	2	2.1	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218227 218228

Parameter	Units	10114072001 Result	MS		MSD		% Rec		% Rec Limits	Max		Qual
			Conc.	Spike Conc.	Result	Result	% Rec	% Rec		RPD	RPD	
Nitrate as N	mg/L		2	2	2.3	2.3	98	98	90-110	.9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218229 218230

Parameter	Units	4023569003 Result	MS		MSD		% Rec		% Rec Limits	Max		Qual
			Conc.	Spike Conc.	Result	Result	% Rec	% Rec		RPD	RPD	
Nitrate as N	mg/L	6.1	2	2	8.3	8.4	111	114	90-110	.7	20 M0	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

QC Batch: WETA/4927 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions, Dissolved
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009

METHOD BLANK: 218234 Matrix: Water
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.5	5.0	10/07/09 18:44	
Sulfate	mg/L	<2.5	5.0	10/07/09 18:44	

LABORATORY CONTROL SAMPLE: 218235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	19.7	98	90-110	
Sulfate	mg/L	20	20.2	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218236 218237

Parameter	Units	4023569003 Result	MS Spike Conc.	MSD Spike Conc.	218236		218237		% Rec Limits	Max RPD	Qual
					MS Result	MSD Result	MS % Rec	MSD % Rec			
Chloride	mg/L	93.7	20	20	117	117	114	115	90-110	.1	20 1j, M0
Sulfate	mg/L	37.4	20	20	59.5	59.9	110	112	90-110	.7	20 M0

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

QC Batch: WETA/4938 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009

METHOD BLANK: 218846 Matrix: Water
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<1.4	2.0	10/14/09 08:21	

LABORATORY CONTROL SAMPLE: 218847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	100	91.1	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218848 218849

Parameter	Units	4023569003 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	
Total Organic Carbon	mg/L	<1.4	100	100	104	104	103	103	80-120	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218850 218851

Parameter	Units	4023569005 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	
Total Organic Carbon	mg/L	<1.4	100	100	102	103	101	102	80-120	.7	20	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

QC Batch: ICP/2730 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009

METHOD BLANK: 219809 Matrix: Water
Associated Lab Samples: 4023569001, 4023569002, 4023569003, 4023569004, 4023569005, 4023569006, 4023569007, 4023569008, 4023569009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Manganese, Dissolved	ug/L	0.12J	5.0	10/13/09 10:59	

LABORATORY CONTROL SAMPLE: 219810

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese, Dissolved	ug/L	500	509	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 219811 219812

Parameter	Units	4023567029 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Manganese, Dissolved	ug/L	0.70J	500	500	502	490	100	98	75-125	2	20	

QUALIFIERS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

- 1j Parent sample was within range. Spiking resulted in the MS/MSD going over range.
- M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023569

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4023569001	MW-20BR1	EPA 8260	MSV/5718		
4023569002	MW-20BR2	EPA 8260	MSV/5718		
4023569003	MW-18BR1	EPA 8260	MSV/5718		
4023569004	MW-18BR2	EPA 8260	MSV/5718		
4023569005	MW-19BR1	EPA 8260	MSV/5718		
4023569006	MW-19BR2	EPA 8260	MSV/5718		
4023569007	MW-3BR1	EPA 8260	MSV/5718		
4023569008	MW-3BR2	EPA 8260	MSV/5718		
4023569009	MW-3BR3	EPA 8260	MSV/5718		
4023569010	TRIP BLANK	EPA 8260	MSV/5718		
4023569001	MW-20BR1	EPA 300.0	WETA/4926		
4023569002	MW-20BR2	EPA 300.0	WETA/4926		
4023569003	MW-18BR1	EPA 300.0	WETA/4926		
4023569004	MW-18BR2	EPA 300.0	WETA/4926		
4023569005	MW-19BR1	EPA 300.0	WETA/4926		
4023569006	MW-19BR2	EPA 300.0	WETA/4926		
4023569007	MW-3BR1	EPA 300.0	WETA/4926		
4023569008	MW-3BR2	EPA 300.0	WETA/4926		
4023569009	MW-3BR3	EPA 300.0	WETA/4926		
4023569001	MW-20BR1	EPA 300.0	WETA/4927		
4023569002	MW-20BR2	EPA 300.0	WETA/4927		
4023569003	MW-18BR1	EPA 300.0	WETA/4927		
4023569004	MW-18BR2	EPA 300.0	WETA/4927		
4023569005	MW-19BR1	EPA 300.0	WETA/4927		
4023569006	MW-19BR2	EPA 300.0	WETA/4927		
4023569007	MW-3BR1	EPA 300.0	WETA/4927		
4023569008	MW-3BR2	EPA 300.0	WETA/4927		
4023569009	MW-3BR3	EPA 300.0	WETA/4927		
4023569001	MW-20BR1	SM 5310C	WETA/4938		
4023569002	MW-20BR2	SM 5310C	WETA/4938		
4023569003	MW-18BR1	SM 5310C	WETA/4938		
4023569004	MW-18BR2	SM 5310C	WETA/4938		
4023569005	MW-19BR1	SM 5310C	WETA/4938		
4023569006	MW-19BR2	SM 5310C	WETA/4938		
4023569007	MW-3BR1	SM 5310C	WETA/4938		
4023569008	MW-3BR2	SM 5310C	WETA/4938		
4023569009	MW-3BR3	SM 5310C	WETA/4938		
4023569001	MW-20BR1	EPA 6010	ICP/2730		
4023569002	MW-20BR2	EPA 6010	ICP/2730		
4023569003	MW-18BR1	EPA 6010	ICP/2730		
4023569004	MW-18BR2	EPA 6010	ICP/2730		
4023569005	MW-19BR1	EPA 6010	ICP/2730		
4023569006	MW-19BR2	EPA 6010	ICP/2730		
4023569007	MW-3BR1	EPA 6010	ICP/2730		
4023569008	MW-3BR2	EPA 6010	ICP/2730		
4023569009	MW-3BR3	EPA 6010	ICP/2730		

(Please Print Clearly)

Company Name: *RMT, Inc*
 Branch/Location: *Madison*
 Project Contact: *Tom Stolzberg*
 Phone: *608-831-4444*
 Project Number: *7397.07*
 Project Name: *Tecumseh MNA*
 Project State: *WI*
 Sampled By (Print): *Nate Keller*
 Sampled By (Sign): *[Signature]*
 PO #:
 Regulatory Program:



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

CHAIN OF CUSTODY

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

FILTERED? (YES/NO)	Y/N	Y	Y	N							
		N	Y	Y	N						

PRESERVATION (CODE)*	Y/N	Y	Y	N							
		N	Y	Y	N						

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
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analysis Requested	Y/N	Y	Y	N								CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #	
		DATE	TIME																	
001	MW-20BR1	10/6/09	945	GW	VOCs Cl-504, NO3- Mn TOC	X	X	X	X								2-500ml AD	1-125ml M9	3-40ml B	
002	MW-20BR2		850																	
003	MW-18BR1		1040																	
004	MW-18BR2		1110																	
005	MW-19BR1		1240																	
006	MW-19BR2		1320																	
007	MW-3BR1		1450																	
008	MW-3BR2		1520																	
009	MW-3BR3		1600																	
010	Trip Blank						X											1-40ml B		

Quote #:
 Mail To Contact: *Alyssa Sellwood*
 Mail To Company: *RMT, Inc*
 Mail To Address: *744 Highland Tr Madison WI 53717*
 Invoice To Contact: *Tom Stolzberg*
 Invoice To Company:
 Invoice To Address: *As Above*
 Invoice To Phone:

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: <i>William R. Keller</i> Date/Time: <i>10/6/09 1700</i>	Received By: <i>10 Fed Ex</i> Date/Time:
Relinquished By: <i>FLDEX</i> Date/Time: <i>10/7/09 1000</i>	Received By: <i>[Signature]</i> Date/Time: <i>10/7/09 1000</i>
Relinquished By:	Received By:
Relinquished By:	Received By:

PACE Project No. *4023569*
 Receipt Temp = *701* °C
 Sample Receipt pH *OK* / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact

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October 19, 2009

ALYSSA SELLWOOD
RMT MADISON
744 HEARTLAND TRAIL
Madison, WI 53717

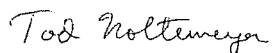
RE: Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Dear ALYSSA SELLWOOD:

Enclosed are the analytical results for sample(s) received by the laboratory on October 08, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,



Tod Noltemeyer

tod.noltemeyer@pacelabs.com
Project Manager

Enclosures

cc: Nate Keller, RMT MADISON

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Green Bay Certification IDs

California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Kentucky Certification #: 83
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334

New York Certification #: 11887
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

Page 2 of 26

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SAMPLE SUMMARY

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4023646001	MW-24R	Water	10/07/09 08:05	10/08/09 10:15
4023646002	MW-3D	Water	10/07/09 08:40	10/08/09 10:15
4023646003	MW-22BR	Water	10/07/09 09:15	10/08/09 10:15
4023646004	DRUM COMP	Water	10/07/09 09:40	10/08/09 10:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4023646001	MW-24R	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023646002	MW-3D	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023646003	MW-22BR	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	SMT	54	PASI-G
		SM 5310C	JMM	1	PASI-G
4023646004	DRUM COMP	EPA 8260	SMT	54	PASI-G

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: RMT - MADISON
Date: October 19, 2009

General Information:

3 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Method: EPA 8260
Description: 8260 MSV
Client: RMT - MADISON
Date: October 19, 2009

General Information:

4 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Method: EPA 300.0
Description: 300.0 IC Anions 28 Days,Diss
Client: RMT - MADISON
Date: October 19, 2009

General Information:

3 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

QC Batch: WETA/4941

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4023646003,4023663010

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 218960)
 - Chloride, Dissolved
 - Sulfate, Dissolved
- MSD (Lab ID: 218961)
 - Chloride, Dissolved
 - Sulfate, Dissolved

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Method: EPA 300.0
Description: 300.0 IC Anions, Dissolved
Client: RMT - MADISON
Date: October 19, 2009

General Information:

3 samples were analyzed for EPA 300.0. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Method: SM 5310C
Description: 5310C TOC
Client: RMT - MADISON
Date: October 19, 2009

General Information:

3 samples were analyzed for SM 5310C. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Sample: MW-24R Lab ID: 4023646001 Collected: 10/07/09 08:05 Received: 10/08/09 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Manganese, Dissolved	151	ug/L	5.0	0.12	1		10/16/09 17:48	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/09/09 17:11	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/09/09 17:11	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/09/09 17:11	79-00-5	
1,1-Dichloroethane	9.0	ug/L	1.0	0.75	1		10/09/09 17:11	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/09/09 17:11	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/09/09 17:11	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 17:11	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 17:11	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/09/09 17:11	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/09/09 17:11	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:11	95-50-1	
1,2-Dichloroethane	0.39J	ug/L	1.0	0.36	1		10/09/09 17:11	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/09/09 17:11	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:11	108-63-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/09/09 17:11	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/09/09 17:11	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/09/09 17:11	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/09/09 17:11	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/09/09 17:11	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/09/09 17:11	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/09/09 17:11	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/09/09 17:11	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/09/09 17:11	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/09/09 17:11	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/09/09 17:11	108-90-7	
Chloroethane	70.5	ug/L	1.0	0.97	1		10/09/09 17:11	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/09/09 17:11	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/09/09 17:11	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/09/09 17:11	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/09/09 17:11	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/09/09 17:11	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/09/09 17:11	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/09/09 17:11	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/09/09 17:11	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/09/09 17:11	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/09/09 17:11	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/09/09 17:11	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/09/09 17:11	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/09/09 17:11	108-88-3	
Trichloroethene	1.0	ug/L	1.0	0.48	1		10/09/09 17:11	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/09/09 17:11	75-69-4	
Vinyl chloride	0.41J	ug/L	1.0	0.18	1		10/09/09 17:11	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:11	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Sample: MW-24R Lab ID: 4023646001 Collected: 10/07/09 08:05 Received: 10/08/09 10:15 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/09/09 17:11	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/09/09 17:11	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/09/09 17:11	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:11	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/09/09 17:11	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/09/09 17:11	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 17:11	98-06-6	
trans-1,2-Dichloroethene	1.3	ug/L	1.0	0.89	1		10/09/09 17:11	156-60-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		10/09/09 17:11	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		10/09/09 17:11	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		10/09/09 17:11	2037-26-5	
300.0 IC Anions 28 Days,Diss Analytical Method: EPA 300.0									
Chloride, Dissolved	115	mg/L	25.0	12.5	5		10/09/09 16:51	16887-00-6	
Sulfate, Dissolved	16.3	mg/L	5.0	2.5	1		10/08/09 23:28	14808-79-8	
300.0 IC Anions, Dissolved Analytical Method: EPA 300.0									
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/08/09 23:28	14797-55-8	
5310C TOC Analytical Method: SM 5310C									
Total Organic Carbon	13.9	mg/L	2.0	1.4	1		10/14/09 10:07	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA

Pace Project No.: 4023646

Sample: MW-3D Lab ID: 4023646002 Collected: 10/07/09 08:40 Received: 10/08/09 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Manganese, Dissolved	63.6	ug/L	5.0	0.12	1		10/16/09 18:04	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/09/09 16:48	71-55-6	
1,1,1,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/09/09 16:48	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/09/09 16:48	79-00-5	
1,1-Dichloroethane	1.6	ug/L	1.0	0.75	1		10/09/09 16:48	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/09/09 16:48	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/09/09 16:48	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 16:48	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 16:48	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/09/09 16:48	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/09/09 16:48	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/09/09 16:48	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/09/09 16:48	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/09/09 16:48	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/09/09 16:48	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/09/09 16:48	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/09/09 16:48	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/09/09 16:48	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/09/09 16:48	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/09/09 16:48	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/09/09 16:48	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/09/09 16:48	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/09/09 16:48	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/09/09 16:48	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/09/09 16:48	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/09/09 16:48	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/09/09 16:48	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/09/09 16:48	67-66-3	
Chloromethane	0.45J	ug/L	1.0	0.24	1		10/09/09 16:48	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/09/09 16:48	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/09/09 16:48	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/09/09 16:48	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/09/09 16:48	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/09/09 16:48	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/09/09 16:48	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/09/09 16:48	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/09/09 16:48	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/09/09 16:48	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/09/09 16:48	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/09/09 16:48	108-88-3	
Trichloroethene	<0.48	ug/L	1.0	0.48	1		10/09/09 16:48	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/09/09 16:48	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/09/09 16:48	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	1.0	0.83	1		10/09/09 16:48	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Sample: MW-3D Lab ID: 4023646002 Collected: 10/07/09 08:40 Received: 10/08/09 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/09/09 16:48	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/09/09 16:48	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/09/09 16:48	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/09/09 16:48	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/09/09 16:48	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/09/09 16:48	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 16:48	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/09/09 16:48	156-60-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		10/09/09 16:48	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		10/09/09 16:48	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		10/09/09 16:48	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	108	mg/L	25.0	12.5	5		10/09/09 17:06	16887-00-6	
Sulfate, Dissolved	60.6	mg/L	5.0	2.5	1		10/08/09 23:42	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	0.38J	mg/L	0.50	0.25	1		10/08/09 23:42	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/14/09 10:11	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Sample: MW-22BR Lab ID: 4023646003 Collected: 10/07/09 09:15 Received: 10/08/09 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Manganese, Dissolved	112	ug/L	5.0	0.12	1		10/16/09 18:08	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	<0.90	ug/L	1.0	0.90	1		10/09/09 17:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/09/09 17:34	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/09/09 17:34	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	1.0	0.75	1		10/09/09 17:34	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.0	0.57	1		10/09/09 17:34	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/09/09 17:34	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 17:34	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 17:34	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/09/09 17:34	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/09/09 17:34	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:34	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/09/09 17:34	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/09/09 17:34	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:34	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/09/09 17:34	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/09/09 17:34	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/09/09 17:34	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/09/09 17:34	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/09/09 17:34	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/09/09 17:34	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/09/09 17:34	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/09/09 17:34	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/09/09 17:34	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/09/09 17:34	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/09/09 17:34	108-90-7	
Chloroethane	<0.97	ug/L	1.0	0.97	1		10/09/09 17:34	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/09/09 17:34	67-66-3	
Chloromethane	0.25J	ug/L	1.0	0.24	1		10/09/09 17:34	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/09/09 17:34	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/09/09 17:34	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/09/09 17:34	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/09/09 17:34	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/09/09 17:34	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/09/09 17:34	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/09/09 17:34	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/09/09 17:34	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/09/09 17:34	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/09/09 17:34	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/09/09 17:34	108-88-3	
Trichloroethene	14.8	ug/L	1.0	0.48	1		10/09/09 17:34	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/09/09 17:34	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		10/09/09 17:34	75-01-4	
cis-1,2-Dichloroethene	4.4	ug/L	1.0	0.83	1		10/09/09 17:34	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Sample: MW-22BR Lab ID: 4023646003 Collected: 10/07/09 09:15 Received: 10/08/09 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/09/09 17:34	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/09/09 17:34	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/09/09 17:34	103-65-1	
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:34	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/09/09 17:34	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/09/09 17:34	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 17:34	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/09/09 17:34	156-60-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		10/09/09 17:34	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		10/09/09 17:34	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		10/09/09 17:34	2037-26-5	
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride, Dissolved	58.9	mg/L	5.0	2.5	1		10/08/09 23:56	16887-00-6	M0
Sulfate, Dissolved	44.2	mg/L	5.0	2.5	1		10/08/09 23:56	14808-79-8	M0
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N, Dissolved	<0.25	mg/L	0.50	0.25	1		10/08/09 23:56	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		10/14/09 10:14	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

Sample: DRUM COMP Lab ID: 4023646004 Collected: 10/07/09 09:40 Received: 10/08/09 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	6.1	ug/L	1.0	0.90	1		10/09/09 17:57	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	1.0	0.20	1		10/09/09 17:57	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.0	0.42	1		10/09/09 17:57	79-00-5	
1,1-Dichloroethane	13.0	ug/L	1.0	0.75	1		10/09/09 17:57	75-34-3	
1,1-Dichloroethene	1.6	ug/L	1.0	0.57	1		10/09/09 17:57	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	1.0	0.74	1		10/09/09 17:57	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 17:57	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 17:57	95-63-6	
1,2-Dibromo-3-chloropropane	<1.7	ug/L	5.0	1.7	1		10/09/09 17:57	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.0	0.56	1		10/09/09 17:57	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:57	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.0	0.36	1		10/09/09 17:57	107-06-2	
1,2-Dichloropropane	<0.49	ug/L	1.0	0.49	1		10/09/09 17:57	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:57	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	1.0	0.87	1		10/09/09 17:57	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	1.0	0.61	1		10/09/09 17:57	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	1.0	0.95	1		10/09/09 17:57	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	1.0	0.62	1		10/09/09 17:57	594-20-7	
2-Chlorotoluene	<0.85	ug/L	1.0	0.85	1		10/09/09 17:57	95-49-8	
4-Chlorotoluene	<0.74	ug/L	1.0	0.74	1		10/09/09 17:57	106-43-4	
Benzene	<0.41	ug/L	1.0	0.41	1		10/09/09 17:57	71-43-2	
Bromobenzene	<0.82	ug/L	1.0	0.82	1		10/09/09 17:57	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.0	0.56	1		10/09/09 17:57	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.0	0.49	1		10/09/09 17:57	56-23-5	
Chlorobenzene	<0.41	ug/L	1.0	0.41	1		10/09/09 17:57	108-90-7	
Chloroethane	2.4	ug/L	1.0	0.97	1		10/09/09 17:57	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/09/09 17:57	67-66-3	
Chloromethane	<0.24	ug/L	1.0	0.24	1		10/09/09 17:57	74-87-3	
Dibromochloromethane	<0.81	ug/L	1.0	0.81	1		10/09/09 17:57	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	1.0	0.99	1		10/09/09 17:57	75-71-8	
Diisopropyl ether	<0.76	ug/L	1.0	0.76	1		10/09/09 17:57	108-20-3	
Ethylbenzene	<0.54	ug/L	1.0	0.54	1		10/09/09 17:57	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	5.0	0.67	1		10/09/09 17:57	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	1.0	0.59	1		10/09/09 17:57	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	1.0	0.61	1		10/09/09 17:57	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.0	0.43	1		10/09/09 17:57	75-09-2	
Naphthalene	<0.89	ug/L	5.0	0.89	1		10/09/09 17:57	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.0	0.45	1		10/09/09 17:57	127-18-4	
Toluene	<0.67	ug/L	1.0	0.67	1		10/09/09 17:57	108-88-3	
Trichloroethene	128	ug/L	1.0	0.48	1		10/09/09 17:57	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	1.0	0.79	1		10/09/09 17:57	75-69-4	
Vinyl chloride	2.9	ug/L	1.0	0.18	1		10/09/09 17:57	75-01-4	
cis-1,2-Dichloroethene	42.2	ug/L	1.0	0.83	1		10/09/09 17:57	156-59-2	
m&p-Xylene	<1.8	ug/L	2.0	1.8	1		10/09/09 17:57	1330-20-7	
n-Butylbenzene	<0.93	ug/L	1.0	0.93	1		10/09/09 17:57	104-51-8	
n-Propylbenzene	<0.81	ug/L	1.0	0.81	1		10/09/09 17:57	103-65-1	

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ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA

Pace Project No.: 4023646

Sample: DRUM COMP		Lab ID: 4023646004	Collected: 10/07/09 09:40	Received: 10/08/09 10:15	Matrix: Water				
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
o-Xylene	<0.83	ug/L	1.0	0.83	1		10/09/09 17:57	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	1.0	0.67	1		10/09/09 17:57	99-87-6	
sec-Butylbenzene	<0.89	ug/L	5.0	0.89	1		10/09/09 17:57	135-98-8	
tert-Butylbenzene	<0.97	ug/L	1.0	0.97	1		10/09/09 17:57	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	1.0	0.89	1		10/09/09 17:57	156-60-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		10/09/09 17:57	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		10/09/09 17:57	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		10/09/09 17:57	2037-26-5	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

QC Batch: MSV/5728 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4023646001, 4023646002, 4023646003, 4023646004

METHOD BLANK: 218570 Matrix: Water
Associated Lab Samples: 4023646001, 4023646002, 4023646003, 4023646004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.90	1.0	10/09/09 08:14	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	10/09/09 08:14	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	10/09/09 08:14	
1,1-Dichloroethane	ug/L	<0.75	1.0	10/09/09 08:14	
1,1-Dichloroethene	ug/L	<0.57	1.0	10/09/09 08:14	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	10/09/09 08:14	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	10/09/09 08:14	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	10/09/09 08:14	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	10/09/09 08:14	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	10/09/09 08:14	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	10/09/09 08:14	
1,2-Dichloroethane	ug/L	<0.36	1.0	10/09/09 08:14	
1,2-Dichloropropane	ug/L	<0.49	1.0	10/09/09 08:14	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	10/09/09 08:14	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	10/09/09 08:14	
1,3-Dichloropropane	ug/L	<0.61	1.0	10/09/09 08:14	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	10/09/09 08:14	
2,2-Dichloropropane	ug/L	<0.62	1.0	10/09/09 08:14	
2-Chlorotoluene	ug/L	<0.85	1.0	10/09/09 08:14	
4-Chlorotoluene	ug/L	<0.74	1.0	10/09/09 08:14	
Benzene	ug/L	<0.41	1.0	10/09/09 08:14	
Bromobenzene	ug/L	<0.82	1.0	10/09/09 08:14	
Bromodichloromethane	ug/L	<0.56	1.0	10/09/09 08:14	
Carbon tetrachloride	ug/L	<0.49	1.0	10/09/09 08:14	
Chlorobenzene	ug/L	<0.41	1.0	10/09/09 08:14	
Chloroethane	ug/L	<0.97	1.0	10/09/09 08:14	
Chloroform	ug/L	<1.3	5.0	10/09/09 08:14	
Chloromethane	ug/L	<0.24	1.0	10/09/09 08:14	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	10/09/09 08:14	
Dibromochloromethane	ug/L	<0.81	1.0	10/09/09 08:14	
Dichlorodifluoromethane	ug/L	<0.99	1.0	10/09/09 08:14	
Diisopropyl ether	ug/L	<0.76	1.0	10/09/09 08:14	
Ethylbenzene	ug/L	<0.54	1.0	10/09/09 08:14	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	10/09/09 08:14	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	10/09/09 08:14	
m&p-Xylene	ug/L	<1.8	2.0	10/09/09 08:14	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	10/09/09 08:14	
Methylene Chloride	ug/L	<0.43	1.0	10/09/09 08:14	
n-Butylbenzene	ug/L	<0.93	1.0	10/09/09 08:14	
n-Propylbenzene	ug/L	<0.81	1.0	10/09/09 08:14	
Naphthalene	ug/L	<0.89	5.0	10/09/09 08:14	
o-Xylene	ug/L	<0.83	1.0	10/09/09 08:14	
p-Isopropyltoluene	ug/L	<0.67	1.0	10/09/09 08:14	

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QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA

Pace Project No.: 4023646

METHOD BLANK: 218570

Matrix: Water

Associated Lab Samples: 4023646001, 4023646002, 4023646003, 4023646004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
sec-Butylbenzene	ug/L	<0.89	5.0	10/09/09 08:14	
tert-Butylbenzene	ug/L	<0.97	1.0	10/09/09 08:14	
Tetrachloroethene	ug/L	<0.45	1.0	10/09/09 08:14	
Toluene	ug/L	<0.67	1.0	10/09/09 08:14	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	10/09/09 08:14	
Trichloroethene	ug/L	<0.48	1.0	10/09/09 08:14	
Trichlorofluoromethane	ug/L	<0.79	1.0	10/09/09 08:14	
Vinyl chloride	ug/L	<0.18	1.0	10/09/09 08:14	
4-Bromofluorobenzene (S)	%	86	70-130	10/09/09 08:14	
Dibromofluoromethane (S)	%	103	70-130	10/09/09 08:14	
Toluene-d8 (S)	%	96	70-130	10/09/09 08:14	

LABORATORY CONTROL SAMPLE & LCSD: 218571

218572

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.6	56.5	111	113	70-132	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	53.9	55.3	108	111	69-130	2	20	
1,1,2-Trichloroethane	ug/L	50	54.0	54.0	108	108	70-130	.04	20	
1,1-Dichloroethane	ug/L	50	56.7	57.2	113	114	70-130	.9	20	
1,1-Dichloroethene	ug/L	50	59.8	60.6	120	121	70-130	1	20	
1,2-Dichloroethane	ug/L	50	56.1	56.1	112	112	70-134	.06	20	
1,2-Dichloropropane	ug/L	50	54.2	54.8	108	110	70-130	1	20	
Benzene	ug/L	50	59.5	60.1	119	120	70-131	1	20	
Bromodichloromethane	ug/L	50	50.1	50.5	100	101	70-130	.7	20	
Carbon tetrachloride	ug/L	50	53.7	55.1	107	110	70-144	3	20	
Chlorobenzene	ug/L	50	51.5	52.2	103	104	70-130	2	20	
Chloroethane	ug/L	50	64.4	65.7	129	131	70-136	2	20	
Chloroform	ug/L	50	57.0	57.0	114	114	70-130	.1	20	
Chloromethane	ug/L	50	66.5	65.3	133	131	54-148	2	20	
cis-1,2-Dichloroethene	ug/L	50	57.0	56.9	114	114	70-130	.1	20	
Dibromochloromethane	ug/L	50	46.3	46.8	93	94	70-130	1	20	
Ethylbenzene	ug/L	50	53.5	53.5	107	107	70-130	.01	20	
m&p-Xylene	ug/L	100	108	108	108	108	70-130	.3	20	
Methylene Chloride	ug/L	50	58.7	58.7	117	117	66-130	.08	20	
o-Xylene	ug/L	50	52.8	52.2	106	104	70-130	1	20	
Tetrachloroethene	ug/L	50	48.1	48.4	96	97	75-130	.4	20	
Toluene	ug/L	50	53.8	54.6	108	109	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	59.0	59.2	118	118	70-130	.3	20	
Trichloroethene	ug/L	50	53.8	54.2	108	108	70-130	.8	20	
Vinyl chloride	ug/L	50	65.2	64.8	130	130	63-141	.6	20	
4-Bromofluorobenzene (S)	%				88	87	70-130			
Dibromofluoromethane (S)	%				102	101	70-130			
Toluene-d8 (S)	%				97	97	70-130			

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QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218619 218620													
Parameter	Units	4023611006 Result	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD RPD	Qual
			Spike Conc.	Spike Conc.	MS Result	MSD Result							
1,1,1-Trichloroethane	ug/L	<0.90	50	50	56.5	55.3	113	111	70-137	2	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	54.7	54.2	109	108	67-130	.9	20		
1,1,2-Trichloroethane	ug/L	<0.42	50	50	54.0	53.7	108	107	70-130	.7	20		
1,1-Dichloroethane	ug/L	<0.75	50	50	56.5	56.5	113	113	70-130	.03	20		
1,1-Dichloroethene	ug/L	<0.57	50	50	58.9	58.0	118	116	70-130	1	20		
1,2-Dichloroethane	ug/L	<0.36	50	50	54.7	54.4	109	109	69-134	.5	20		
1,2-Dichloropropane	ug/L	<0.49	50	50	53.6	54.5	107	109	70-130	2	20		
Benzene	ug/L	<0.41	50	50	59.4	59.1	119	118	69-131	.6	20		
Bromodichloromethane	ug/L	<0.56	50	50	50.6	49.9	101	100	70-130	1	20		
Carbon tetrachloride	ug/L	<0.49	50	50	54.9	54.0	110	108	70-144	2	20		
Chlorobenzene	ug/L	<0.41	50	50	51.5	52.0	103	104	70-130	1	20		
Chloroethane	ug/L	<0.97	50	50	64.0	63.5	128	127	66-136	.8	20		
Chloroform	ug/L	<1.3	50	50	56.2	55.5	112	111	70-130	1	20		
Chloromethane	ug/L	0.25J	50	50	63.6	63.3	127	126	54-148	.4	20		
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	56.3	56.8	113	114	70-130	.9	20		
Dibromochloromethane	ug/L	<0.81	50	50	46.2	45.6	92	91	70-130	1	20		
Ethylbenzene	ug/L	<0.54	50	50	53.9	52.8	108	106	70-130	2	20		
m&p-Xylene	ug/L	<1.8	100	100	107	104	106	104	70-130	3	20		
Methylene Chloride	ug/L	<0.43	50	50	57.2	57.8	114	116	64-130	1	20		
o-Xylene	ug/L	<0.83	50	50	51.4	50.9	103	102	70-130	.9	20		
Tetrachloroethene	ug/L	<0.45	50	50	50.0	48.5	100	97	70-130	3	20		
Toluene	ug/L	<0.67	50	50	54.3	53.9	108	107	70-130	.8	20		
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	59.1	56.9	118	114	70-130	4	20		
Trichloroethene	ug/L	<0.48	50	50	54.8	54.4	110	109	70-130	.7	20		
Vinyl chloride	ug/L	1.3	50	50	66.0	66.2	129	130	59-141	.3	20		
4-Bromofluorobenzene (S)	%						87	87	70-130				
Dibromofluoromethane (S)	%						103	97	70-130				
Toluene-d8 (S)	%						97	97	70-130				

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

QC Batch: WETA/4938 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 4023646001, 4023646002, 4023646003

METHOD BLANK: 218846 Matrix: Water
Associated Lab Samples: 4023646001, 4023646002, 4023646003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<1.4	2.0	10/14/09 08:21	

LABORATORY CONTROL SAMPLE: 218847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	100	91.1	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218848 218849

Parameter	Units	4023569003 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result						
Total Organic Carbon	mg/L	<1.4	100	100	104	104	103	103	80-120	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218850 218851

Parameter	Units	4023569005 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result						
Total Organic Carbon	mg/L	<1.4	100	100	102	103	101	102	80-120	.7	20	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

QC Batch: WETA/4940 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions, Dissolved
Associated Lab Samples: 4023646001, 4023646002, 4023646003

METHOD BLANK: 218952 Matrix: Water

Associated Lab Samples: 4023646001, 4023646002, 4023646003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	<0.25	0.50	10/08/09 22:45	

LABORATORY CONTROL SAMPLE: 218953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	2	2.1	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218954 218955

Parameter	Units	4023646003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Nitrate as N	mg/L	<0.25	2	2	2.1	2.1	104	105	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218956 218957

Parameter	Units	4023663010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Nitrate as N	mg/L		2	2	2.2	2.2	99	100	90-110	.4	20	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

QC Batch: WETA/4941 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions, Dissolved
Associated Lab Samples: 4023646001, 4023646002, 4023646003

METHOD BLANK: 218958 Matrix: Water
Associated Lab Samples: 4023646001, 4023646002, 4023646003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.5	5.0	10/08/09 22:45	
Sulfate	mg/L	<2.5	5.0	10/08/09 22:45	

LABORATORY CONTROL SAMPLE: 218959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.6	103	90-110	
Sulfate	mg/L	20	21.1	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218960 218961

Parameter	Units	4023646003 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		
			Spike Conc.	Spike Conc.						RPD	RPD	Qual
Chloride	mg/L	58.9	20	20	81.9	82.0	115	115	90-110	.05	20	M0
Sulfate	mg/L	44.2	20	20	67.2	67.2	115	115	90-110	.1	20	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 218962 218963

Parameter	Units	4023663010 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		
			Spike Conc.	Spike Conc.						RPD	RPD	Qual
Chloride	mg/L		100	100	196	196	104	104	90-110	0	20	
Sulfate	mg/L		100	100	415	414	110	109	90-110	.4	20	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

QC Batch: ICP/2750 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 4023646001, 4023646002, 4023646003

METHOD BLANK: 222187 Matrix: Water
Associated Lab Samples: 4023646001, 4023646002, 4023646003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Manganese, Dissolved	ug/L	0.25J	5.0	10/16/09 16:48	

LABORATORY CONTROL SAMPLE: 222188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese, Dissolved	ug/L	500	523	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 222189 222190

Parameter	Units	4023883003 Result	MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
			Spike Conc.	Conc.	Result	Result	% Rec	% Rec					
Manganese, Dissolved	ug/L	156	500	500	687	702	106	109	75-125	2	20		

QUALIFIERS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 4023646

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7397.07 TECUMSEH MNA

Pace Project No.: 4023646

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4023646001	MW-24R	EPA 8260	MSV/5728		
4023646002	MW-3D	EPA 8260	MSV/5728		
4023646003	MW-22BR	EPA 8260	MSV/5728		
4023646004	DRUM COMP	EPA 8260	MSV/5728		
4023646001	MW-24R	SM 5310C	WETA/4938		
4023646002	MW-3D	SM 5310C	WETA/4938		
4023646003	MW-22BR	SM 5310C	WETA/4938		
4023646001	MW-24R	EPA 300.0	WETA/4940		
4023646002	MW-3D	EPA 300.0	WETA/4940		
4023646003	MW-22BR	EPA 300.0	WETA/4940		
4023646001	MW-24R	EPA 300.0	WETA/4941		
4023646002	MW-3D	EPA 300.0	WETA/4941		
4023646003	MW-22BR	EPA 300.0	WETA/4941		
4023646001	MW-24R	EPA 6010	ICP/2750		
4023646002	MW-3D	EPA 6010	ICP/2750		
4023646003	MW-22BR	EPA 6010	ICP/2750		

(Please Print Clearly)

Company Name: RMT, Inc
 Branch/Location: Madison, WI
 Project Contact: Tom Stolzenburg
 Phone: 608 831 4444
 Project Number: 7397.07
 Project Name: Teumseh MNA
 Project State: WI
 Sampled By (Print): Nate Keller
 Sampled By (Sign): Mathew R Keller
 PO #: _____ Regulatory Program: _____



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

4023046

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

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

Y/N	Pick Label	Analysis Requested	A	B	C	D	E	F	G	H	I	J
N	B	VOCs										
Y	D	Mn										
Y	A	C, S, P, NO3										
N	C	TOC										

Quote #: _____
 Mail To Contact: Alysa Sellwood
 Mail To Company: RMT, Inc
 Mail To Address: 774 Heartland Tr
Madison, WI
 Invoice To Contact: Tom Stolzenburg
 Invoice To Company: _____
 Invoice To Address: As Above
 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		MATRIX
		DATE	TIME	
001	MW-24R	10/2/09	805	GW
002	MW-3D		840	
003	MW-22BR		915	
004	Drum Comp		940	GW
—	Temp Blank			

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	<u>3.40ul; 2.500ul; 1.40ul</u>	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <u>Mathew R Keller</u> Date/Time: <u>10/7/09 10:30</u>	Received By: <u>To Fed Ex</u> Date/Time: _____	PACE Project No. <u>4023046</u>
	Relinquished By: <u>Rider</u> Date/Time: <u>10/8/09 10:15</u>	Received By: <u>A. Buler</u> Date/Time: <u>10/8/09 12:15</u>	
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	Sample Receipt pH <u>(OK) Adjusted</u>
Email #1:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	Cooler Custody Seal <u>Present / Not Present</u>
Email #2:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	Intact / Not Intact
Telephone:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Fax:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Samples on HOLD are subject to special pricing and release of liability	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	

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