

June 23, 2008

Mr. John Feeney
Wisconsin Department of Natural Resources
1155 Pilgrim Road
Plymouth, WI 53703-4294

**Subject: January 2008 Through June 2008 Semiannual Status Report
Monitored Natural Attenuation Demonstration
Tecumseh Products Company, Grafton, Wisconsin
WDNR FID #24009170, BRRTS #02-46000751**

Dear Mr. Feeney:

The purpose of this Monitored Natural Attenuation Demonstration letter is to provide the Wisconsin Department of Natural Resources (WDNR) with a status report on the Tecumseh Products Company (Tecumseh) in Grafton, Wisconsin, for the reporting period of January 2008 through June 2008. The letter includes a discussion of monitoring events and planned activities.

Monitoring Events

Baseline groundwater monitoring was completed at the end of April. Samples were collected using low-flow purging and sampling methods (well locations can be found on Figure 1). The previous consultants did not use low-flow sampling methods; but, as stated in the Workplan (RMT, 2007), low-flow sampling was specified for the implementation of the Monitored Natural Attenuation (MNA) Demonstration. 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, and dissolved oxygen concentration of the groundwater samples were measured in the field. 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. The analytical results collected during this reporting period will be used as a baseline against which to compare future rounds to determine if the plume is stable or receding.

Two of the multilevel sampling ports listed in the Workplan, MW-19BR2 and MW-3BR3, could not be sampled due to mechanical failure of the sampling apparatus. RMT will attempt to repair and sample these ports during the next semiannual reporting period. However, if they cannot be repaired, they

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will be deleted from the program. All other wells listed in the Workplan, including the Heiser well (PW-30), were sampled.

Planned Activities

The following three activities are planned for the week of July 21, 2008:

1. The Heiser well will be abandoned, and a municipal hookup will be installed (the Heisers have been notified).
2. A new monitoring well will be installed (MW-27) approximately between Heisers and the plant, along the Interurban bicycle path, and groundwater from this well will be immediately sampled and analyzed.
3. Soil gas samples will be collected and analyzed from locations along Green Bay Road near the Heiser property.

It should be noted that access agreements are still pending for items 2 (We Energies) and 3 (City of Grafton).

RMT expects the next round of groundwater monitoring to occur in October 2008. A letter report documenting the site activities and the results of the groundwater and soil gas sampling over the next reporting period will be submitted to the WDNR the following winter.

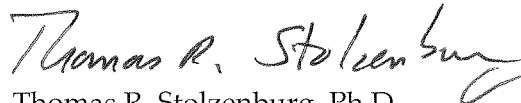
Please feel free to contact Tom Stolzenburg, at 608-662-5287, or Stacey Koch, at 608-662-5405, if you have any questions.

Sincerely,

RMT, Inc.



Stacey Koch
Project Engineer



Thomas R. Stolzenburg, Ph.D.
Senior Project Manager

Attachments: Tables, Figure, Groundwater Laboratory Reports, References

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

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									
MW-24R	4/28/2008	1.2 J	< 0.83	< 0.89	0.52 J	< 0.9	12.7	< 0.57	75.8
MW-25	4/30/2008	354	4.7 J	< 4.4	< 0.9	< 4.5	< 3.8	< 2.8	< 4.8
MW-26	4/30/2008	39.5	345	2.8 J	210	< 2.2	7.3	3.3 J	10
Eastern Property Line Wells									
MW-3	4/28/2008	< 0.48	< 0.83	< 0.89	< 0.18	< 0.9	< 0.75	< 0.57	< 0.97
MW-3D	4/28/2008	< 0.48	< 0.83	< 0.89	< 0.18	< 0.9	< 0.75	< 0.57	< 0.97
MW-3BR1	4/29/2008	102	18.5	< 0.89	1.2	36.4	27.1	10.7	< 0.97
MW-3BR2	4/29/2008	170	47.7	< 0.89	2	3.9	12.6	1.6 J	< 0.97
MW-9	4/28/2008	992	1010	< 8.9	< 1.8	211	94.8	16.1 J	< 9.7
MW-9D	4/28/2008	519	89.2	< 4.4	< 0.9	78.9	111	11.4	< 4.8
MW-12	4/28/2008	303	4.2 J	< 4.4	< 0.9	< 4.5	< 3.8	< 2.8	< 4.8
MW-12BR	4/30/2008	24.6	91.8	< 0.89	< 0.18	24.9	38.9	4.2	< 0.97
MW-13BR2	4/29/2008	311	25.5	< 2.2	1.8	185	191	7.5	< 2.4
MW-13BR3	4/29/2008	149	13.4	< 0.89	0.45 J	58.8	64.2	14.5	< 0.97
Off-Site Downgradient Wells									
MW-14BR	4/29/2008	0.49 J	< 0.83	< 0.89	< 0.18	< 0.9	< 0.75	< 0.57	< 0.97
MW-18BR1	4/29/2008	48	19	< 0.89	< 0.18	5.7	28.2	3.3	< 0.97
MW-18BR2	4/29/2008	129	63.9	1.4 J	< 0.18	19.5	96.4	12.8	< 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
MW-20BR1	4/29/2008	< 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
MW-22BR	4/29/2008	53.2	8.8	< 0.89	< 0.18	< 0.9	1.4 J	< 0.57	< 0.97
PW-30 (Heiser) ⁽¹⁾	4/29/2008	1.2 J	< 0.83	< 0.89	< 0.18	< 0.9	< 0.75	< 0.57	< 0.97
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

Notes:

⁽¹⁾ PW-30 (Heiser) is in the process of being abandoned and converted to city water. This well is not being used for potable water supply.

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: MDW, 6/11/08

QC by: KJK, 6/12/08

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

SAMPLE LOCATION	SAMPLE DATE	INJECTION DATE	WATER LEVEL	pH	SPECIFIC CONDUCTANCE	TEMPERATURE	ORP	DISSOLVED OXYGEN	DISSOLVED NITRATE	DISSOLVED MANGANESE	DISSOLVED IRON	DISSOLVED SULFATE	CHLORIDE	TOC
UNITS			R (MSL)		mmhoms/cm	°C	mV	mg/L	mg/L	ug/L	ug/L	mg/L	mg/L	mg/L
On-Site Monitoring Wells														
MW-24R	4/28/08	10/3/05	753.95	7.08	1,735	10.3	-182	0.18	< 0.085 H	189	130 H	20.5	402	6.4
MW-25	4/30/08	5/18/2006 - 7/13/2006	757.86	7.18	820	11.7	-62	0.22	< 0.085 H	60.7	< 26 H	92.4	28.2 B	< 1.4
MW-26	4/30/08	5/18/2006 - 7/13/2006	753.61	7.09	970	15	-164	0.18	< 0.085 H	83.8	< 26 H	89.8	72.6	< 1.4
Eastern Property Line Wells														
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
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
MW-3BR1	4/29/08	--	NM	7.08	768	13	-237	0.33	< 0.085	59	< 26 H	68.6	35.9 B	2.1
MW-3BR2	4/29/08	--	NM	7.2	1,117	14	-221	0.15	< 0.085	46	< 26 H	83.4	102	< 1.4
MW-9	4/28/08	--	752.98	6.97	2,170	9	220	3.95	4.8 H, M	1.1 J	< 26 H	27.9 M	437 M	2.7
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
MW-12	4/28/08	--	753.01	7.17	769	9	250	2.39	0.18 H	9.1	< 26 H, R1	25.1 M	73.8 M	< 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
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
MW-13BR3	4/29/08	--	NM	7.21	917	12	-192	0.3	< 0.085	213	< 26 H	79.8	68.6	< 1.4
Off-Site Downgradient Wells														
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
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
MW-18BR2	4/29/08	--	NM	7.15	1,616	11	-251	1.08	3	102	< 26 H	43	243	19.4
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
MW-20BR1	4/29/08	--	NM	8.13	987	9	-134	1.8	0.14 J	74.3	< 26 H	14.8	751	8.3
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
MW-22BR	4/29/08	--	749.78	7.38	732	12	-6	1.4	0.32 J	73.3	< 26 H	49.2	42.1 B	< 1.4
PW-30 (HEISER)	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
Terminal Electron Accepting Process ⁽¹⁾				--	--	--	--	Aerobic respiration	Denitrification	Manganese reduction	Iron (III) reduction	Sulfate reduction	--	--
Trend During Biodegradation ⁽¹⁾⁽²⁾				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.

-- = injection date not applicable as injections not performed in close proximity to well.

⁽¹⁾ Wiedemier, 1998.

⁽²⁾ WDNR quick reference guide to natural biodegradation of chlorinated solvents, May 2007.

Entered by: MDW, 6/11/08

QC by: KJK, 6/12/08

FIGURES

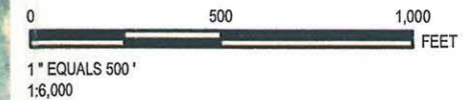


LEGEND

- 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.



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:	6/16/2008	FILE NO.	73970501.mxd
APPROVED BY:	JMR	FIGURE 1			
DATE:	JUNE 2008				



744 Heartland Trail
Madison, WI 53717-1934
P.O. Box 8923 53708-8923
Phone: 608-831-4444
Fax: 608-831-3334



Attachment 1

Groundwater Laboratory Reports

May 21, 2008

Peggy Popp
RMT Madison
744 Heartland Trail
Madison, WI 537171934

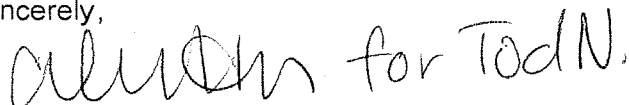
RE: Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Dear Peggy Popp:

Enclosed are the analytical results for sample(s) received by the laboratory on April 30, 2008. 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

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Green Bay Certification IDs

Florida (NELAP) Certification #: E87948
Illinois Certification #: 200050
California Certification #: 06246CA
New York Certification #: 11888
North Dakota Certification #: R-150
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 82
Louisiana Certification #: 04168

Green Bay Volatiles Certification IDs

Florida (NELAP) Certification #: E87951
California Certification #: 06247CA
Illinois Certification #: 200051
New York Certification #: 11887
North Dakota Certification #: R-200
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 83
Louisiana Certification #: 04169

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Lab ID	Sample ID	Matrix	Date Collected	Date Received
403245001	MW14 BR	Water	04/29/08 16:18	04/30/08 10:05
403245002	MW13 BR3	Water	04/29/08 15:25	04/30/08 10:05
403245003	MW13 BR2	Water	04/29/08 14:52	04/30/08 10:05
403245004	PW-HEISER	Water	04/29/08 14:05	04/30/08 10:05
403245005	MW18 BR2	Water	04/29/08 12:15	04/30/08 10:05
403245006	MW22 BR	Water	04/29/08 07:20	04/30/08 10:05
403245007	MW20 BR1	Water	04/29/08 08:36	04/30/08 10:05
403245008	MW3 BR2	Water	04/29/08 13:25	04/30/08 10:05
403245009	MW3 BR1	Water	04/29/08 12:59	04/30/08 10:05
403245010	MW19 BR1	Water	04/29/08 10:41	04/30/08 10:05
403245011	MW18 BR1	Water	04/29/08 11:56	04/30/08 10:05
403245012	MW20 BR2	Water	04/29/08 09:50	04/30/08 10:05
403245013	MW12	Water	04/28/08 16:50	04/30/08 10:05
403245014	MW9	Water	04/28/08 16:05	04/30/08 10:05
403245015	MW9D	Water	04/28/08 15:15	04/30/08 10:05
403245016	MW24R	Water	04/28/08 14:00	04/30/08 10:05
403245017	MW3	Water	04/28/08 12:55	04/30/08 10:05
403245018	MW3D	Water	04/28/08 11:40	04/30/08 10:05
403245019	TRIP BLANK	Water	04/28/08 00:00	04/30/08 10:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
403245001	MW14 BR	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403245002	MW13 BR3	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403245003	MW13 BR2	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403245004	PW-HEISER	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403245005	MW18 BR2	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403245006	MW22 BR	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403245007	MW20 BR1	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403245008	MW3 BR2	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
403245009	MW3 BR1	EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
		EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
403245010	MW19 BR1	HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
		EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
403245011	MW18 BR1	SM 5310C	AMT	1	PASI-G
		EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403245012	MW20 BR2	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
		EPA 8260	JJS	54	PASI-G
403245013	MW12	EPA 8260	JJS	54	PASI-G
403245014	MW9	EPA 8260	JJS	54	PASI-G
403245015	MW9D	EPA 8260	JJS	54	PASI-G
403245016	MW24R	EPA 8260	JJS	54	PASI-G
403245017	MW3	EPA 8260	JJS	54	PASI-G
403245018	MW3D	EPA 8260	JJS	55	PASI-G
403245019	TRIP BLANK	EPA 8260	JJS	54	PASI-G

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: RMT MADISON
Date: May 21, 2008

General Information:

12 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 TECHUMSEH MNA
Pace Project No.: 403245

Method: EPA 8260
Description: 8260 MSV
Client: RMT MADISON
Date: May 21, 2008

General Information:

19 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:

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PROJECT NARRATIVE

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Method: HACH 8146
Description: Iron, Ferrous
Client: RMT MADISON
Date: May 21, 2008

General Information:

12 samples were analyzed for HACH 8146. 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.

H6: Analysis initiated more than 15 minutes after sample collection.

- MW13 BR2 (Lab ID: 403245003)
- MW13 BR3 (Lab ID: 403245002)
- MW14 BR (Lab ID: 403245001)
- MW18 BR1 (Lab ID: 403245011)
- MW18 BR2 (Lab ID: 403245005)
- MW19 BR1 (Lab ID: 403245010)
- MW20 BR1 (Lab ID: 403245007)
- MW20 BR2 (Lab ID: 403245012)
- MW22 BR (Lab ID: 403245006)
- MW3 BR1 (Lab ID: 403245009)
- MW3 BR2 (Lab ID: 403245008)
- PW-HEISER (Lab ID: 403245004)

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:

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PROJECT NARRATIVE

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Method: EPA 300.0
Description: 300.0 IC Anions 28 Days, Diss
Client: RMT MADISON
Date: May 21, 2008

General Information:

12 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/1415

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 403186001,403186002

M0: Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 22246)
 - Chloride
 - Sulfate
- MS (Lab ID: 22248)
 - Chloride
 - Sulfate
- MSD (Lab ID: 22247)
 - Chloride
 - Sulfate
- MSD (Lab ID: 22249)
 - Chloride
 - Sulfate

Duplicate Sample:

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

Additional Comments:

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PROJECT NARRATIVE

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Method: EPA 300.0
Description: 300.0 IC Anions, Dissolved
Client: RMT MADISON
Date: May 21, 2008

General Information:

12 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.

- H5: Reanalysis conducted in excess of EPA method holding time. Results confirm original analysis performed in hold time.
- MW14 BR (Lab ID: 403245001)
 - PW-HEISER (Lab ID: 403245004)

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/1414

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 403186001,403186002

M0: Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 22240)
 - Nitrate as N
- MSD (Lab ID: 22241)
 - Nitrate as N

Duplicate Sample:

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

Additional Comments:

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PROJECT NARRATIVE

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Method: SM 5310C
Description: 5310C TOC
Client: RMT MADISON
Date: May 21, 2008

General Information:

12 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 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW14 BR Lab ID: 403245001 Collected: 04/29/08 16:18 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	0.80J	ug/L	5.0	0.48	1		05/01/08 22:40	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	3.0	0.90	1		05/02/08 11:32	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/02/08 11:32	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/02/08 11:32	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	2.5	0.75	1		05/02/08 11:32	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/02/08 11:32	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/02/08 11:32	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 11:32	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 11:32	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/02/08 11:32	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/02/08 11:32	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/02/08 11:32	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/02/08 11:32	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/02/08 11:32	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/02/08 11:32	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/02/08 11:32	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/02/08 11:32	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/02/08 11:32	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/02/08 11:32	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/02/08 11:32	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/02/08 11:32	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/02/08 11:32	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/02/08 11:32	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/02/08 11:32	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/02/08 11:32	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/02/08 11:32	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/02/08 11:32	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/02/08 11:32	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/02/08 11:32	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/02/08 11:32	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/02/08 11:32	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/02/08 11:32	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/02/08 11:32	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/02/08 11:32	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/02/08 11:32	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/02/08 11:32	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/02/08 11:32	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/02/08 11:32	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/02/08 11:32	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/02/08 11:32	108-88-3	
Trichloroethene	0.49J	ug/L	1.6	0.48	1		05/02/08 11:32	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/02/08 11:32	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/02/08 11:32	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	2.8	0.83	1		05/02/08 11:32	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA

Pace Project No.: 403245

Sample: MW14 BR Lab ID: 403245001 Collected: 04/29/08 16:18 Received: 04/30/08 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	6.0	1.8	1		05/02/08 11:32	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/02/08 11:32	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/02/08 11:32	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/02/08 11:32	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/02/08 11:32	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/02/08 11:32	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 11:32	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/02/08 11:32	156-60-5	
4-Bromofluorobenzene (S)	101	%	64-132		1		05/02/08 11:32	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		1		05/02/08 11:32	1868-53-7	
Toluene-d8 (S)	109	%	73-127		1		05/02/08 11:32	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	63.1	mg/L	5.0	1.1	1		04/30/08 21:33	16887-00-6	
Sulfate	32.5	mg/L	4.0	0.51	1		04/30/08 21:33	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	11.4	mg/L	2.0	0.42	5		05/01/08 17:58	14797-55-8	H5
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 09:40	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW13 BR3 Lab ID: 403245002 Collected: 04/29/08 15:25 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	213	ug/L	5.0	0.48	1		05/01/08 22:51	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	58.8	ug/L	3.0	0.90	1		05/01/08 15:41	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 15:41	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 15:41	79-00-5	
1,1-Dichloroethane	64.2	ug/L	2.5	0.75	1		05/01/08 15:41	75-34-3	
1,1-Dichloroethene	14.5	ug/L	1.9	0.57	1		05/01/08 15:41	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 15:41	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 15:41	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 15:41	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 15:41	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 15:41	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 15:41	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 15:41	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 15:41	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 15:41	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 15:41	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 15:41	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 15:41	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 15:41	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 15:41	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 15:41	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 15:41	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 15:41	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 15:41	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 15:41	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 15:41	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 15:41	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 15:41	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 15:41	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 15:41	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 15:41	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 15:41	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 15:41	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 15:41	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 15:41	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 15:41	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 15:41	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 15:41	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 15:41	127-18-4	
Toluene	0.70J	ug/L	2.2	0.67	1		05/01/08 15:41	108-88-3	
Trichloroethene	149	ug/L	1.6	0.48	1		05/01/08 15:41	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 15:41	75-69-4	
Vinyl chloride	0.45J	ug/L	0.60	0.18	1		05/01/08 15:41	75-01-4	
cis-1,2-Dichloroethene	13.4	ug/L	2.8	0.83	1		05/01/08 15:41	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW13 BR3 Lab ID: 403245002 Collected: 04/29/08 15:25 Received: 04/30/08 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	6.0	1.8	1		05/01/08 15:41	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 15:41	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 15:41	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 15:41	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 15:41	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 15:41	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 15:41	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 15:41	156-60-5	
4-Bromofluorobenzene (S)	101	%	64-132		1		05/01/08 15:41	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		1		05/01/08 15:41	1868-53-7	
Toluene-d8 (S)	109	%	73-127		1		05/01/08 15:41	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	68.6	mg/L	5.0	1.1	1		04/30/08 21:47	16887-00-6	
Sulfate	79.8	mg/L	20.0	2.6	5		05/01/08 18:12	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	<0.085	mg/L	0.40	0.085	1		04/30/08 21:47	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 10:06	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW13 BR2 Lab ID: 403245003 Collected: 04/29/08 14:52 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	73.4	ug/L	5.0	0.48	1		05/01/08 22:55	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	185	ug/L	7.5	2.2	2.5		05/01/08 19:36	71-55-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	1.7	0.50	2.5		05/01/08 19:36	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	3.5	1.0	2.5		05/01/08 19:36	79-00-5	
1,1-Dichloroethane	191	ug/L	6.2	1.9	2.5		05/01/08 19:36	75-34-3	
1,1-Dichloroethene	7.5	ug/L	4.7	1.4	2.5		05/01/08 19:36	75-35-4	
1,2,3-Trichlorobenzene	<1.8	ug/L	6.2	1.8	2.5		05/01/08 19:36	87-61-6	
1,2,4-Trichlorobenzene	<2.4	ug/L	8.1	2.4	2.5		05/01/08 19:36	120-82-1	
1,2,4-Trimethylbenzene	<2.4	ug/L	8.1	2.4	2.5		05/01/08 19:36	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	7.2	2.2	2.5		05/01/08 19:36	96-12-8	
1,2-Dibromoethane (EDB)	<1.4	ug/L	4.7	1.4	2.5		05/01/08 19:36	106-93-4	
1,2-Dichlorobenzene	<2.1	ug/L	6.9	2.1	2.5		05/01/08 19:36	95-50-1	
1,2-Dichloroethane	<0.90	ug/L	3.0	0.90	2.5		05/01/08 19:36	107-06-2	
1,2-Dichloropropane	<1.2	ug/L	3.8	1.2	2.5		05/01/08 19:36	78-87-5	
1,3,5-Trimethylbenzene	<2.1	ug/L	6.9	2.1	2.5		05/01/08 19:36	108-67-8	
1,3-Dichlorobenzene	<2.2	ug/L	7.2	2.2	2.5		05/01/08 19:36	541-73-1	
1,3-Dichloropropane	<1.5	ug/L	5.1	1.5	2.5		05/01/08 19:36	142-28-9	
1,4-Dichlorobenzene	<2.4	ug/L	7.9	2.4	2.5		05/01/08 19:36	106-46-7	
2,2-Dichloropropane	<1.6	ug/L	5.2	1.6	2.5		05/01/08 19:36	594-20-7	
2-Chlorotoluene	<2.1	ug/L	7.1	2.1	2.5		05/01/08 19:36	95-49-8	
4-Chlorotoluene	<1.8	ug/L	6.2	1.8	2.5		05/01/08 19:36	106-43-4	
Benzene	<1.0	ug/L	3.4	1.0	2.5		05/01/08 19:36	71-43-2	
Bromobenzene	<2.0	ug/L	6.8	2.0	2.5		05/01/08 19:36	108-86-1	
Bromodichloromethane	<1.4	ug/L	4.7	1.4	2.5		05/01/08 19:36	75-27-4	
Carbon tetrachloride	<1.2	ug/L	4.1	1.2	2.5		05/01/08 19:36	56-23-5	
Chlorobenzene	<1.0	ug/L	3.4	1.0	2.5		05/01/08 19:36	108-90-7	
Chloroethane	<2.4	ug/L	8.1	2.4	2.5		05/01/08 19:36	75-00-3	
Chloroform	<0.92	ug/L	3.1	0.92	2.5		05/01/08 19:36	67-66-3	
Chloromethane	<0.60	ug/L	2.0	0.60	2.5		05/01/08 19:36	74-87-3	
Dibromochloromethane	<2.0	ug/L	6.7	2.0	2.5		05/01/08 19:36	124-48-1	
Dichlorodifluoromethane	<2.5	ug/L	8.2	2.5	2.5		05/01/08 19:36	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	2.5		05/01/08 19:36	108-20-3	
Ethylbenzene	<1.4	ug/L	4.5	1.4	2.5		05/01/08 19:36	100-41-4	
Hexachloro-1,3-butadiene	<1.7	ug/L	5.6	1.7	2.5		05/01/08 19:36	87-68-3	
Isopropylbenzene (Cumene)	<1.5	ug/L	4.9	1.5	2.5		05/01/08 19:36	98-82-8	
Methyl-tert-butyl ether	<1.5	ug/L	5.1	1.5	2.5		05/01/08 19:36	1634-04-4	
Methylene Chloride	<1.1	ug/L	3.6	1.1	2.5		05/01/08 19:36	75-09-2	
Naphthalene	<1.8	ug/L	6.2	1.8	2.5		05/01/08 19:36	91-20-3	
Tetrachloroethene	<1.1	ug/L	3.7	1.1	2.5		05/01/08 19:36	127-18-4	
Toluene	<1.7	ug/L	5.6	1.7	2.5		05/01/08 19:36	108-88-3	
Trichloroethene	311	ug/L	4.0	1.2	2.5		05/01/08 19:36	79-01-6	
Trichlorofluoromethane	<2.0	ug/L	6.6	2.0	2.5		05/01/08 19:36	75-69-4	
Vinyl chloride	1.8	ug/L	1.5	0.45	2.5		05/01/08 19:36	75-01-4	
cis-1,2-Dichloroethene	25.5	ug/L	6.9	2.1	2.5		05/01/08 19:36	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA

Pace Project No.: 403245

Sample: MW13 BR2 Lab ID: 403245003 Collected: 04/29/08 14:52 Received: 04/30/08 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	15.0	4.5	2.5		05/01/08 19:36	1330-20-7	
n-Butylbenzene	<2.3	ug/L	7.7	2.3	2.5		05/01/08 19:36	104-51-8	
n-Propylbenzene	<2.0	ug/L	6.7	2.0	2.5		05/01/08 19:36	103-65-1	
o-Xylene	<2.1	ug/L	6.9	2.1	2.5		05/01/08 19:36	95-47-6	
p-Isopropyltoluene	<1.7	ug/L	5.6	1.7	2.5		05/01/08 19:36	99-87-6	
sec-Butylbenzene	<2.2	ug/L	7.4	2.2	2.5		05/01/08 19:36	135-98-8	
tert-Butylbenzene	<2.4	ug/L	8.1	2.4	2.5		05/01/08 19:36	98-06-6	
trans-1,2-Dichloroethene	<2.2	ug/L	7.4	2.2	2.5		05/01/08 19:36	156-60-5	
4-Bromofluorobenzene (S)	102	%	64-132		2.5		05/01/08 19:36	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		2.5		05/01/08 19:36	1868-53-7	
Toluene-d8 (S)	108	%	73-127		2.5		05/01/08 19:36	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	108	mg/L	25.0	5.3	5		05/01/08 18:27	16887-00-6	
Sulfate	87.6	mg/L	20.0	2.6	5		05/01/08 18:27	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	<0.085	mg/L	0.40	0.085	1		04/30/08 22:01	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 10:11	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: PW-HEISER Lab ID: 403245004 Collected: 04/29/08 14:05 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	0.63J	ug/L	5.0	0.48	1		05/01/08 23:07	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	3.0	0.90	1		05/01/08 16:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 16:05	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 16:05	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	2.5	0.75	1		05/01/08 16:05	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/01/08 16:05	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 16:05	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 16:05	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 16:05	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 16:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 16:05	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:05	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 16:05	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 16:05	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:05	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 16:05	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 16:05	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 16:05	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 16:05	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 16:05	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 16:05	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 16:05	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 16:05	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 16:05	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 16:05	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 16:05	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 16:05	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 16:05	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 16:05	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 16:05	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 16:05	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 16:05	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 16:05	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 16:05	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 16:05	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 16:05	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 16:05	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 16:05	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 16:05	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 16:05	108-88-3	
Trichloroethene	1.2J	ug/L	1.6	0.48	1		05/01/08 16:05	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 16:05	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/01/08 16:05	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:05	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: PW-HEISER Lab ID: 403245004 Collected: 04/29/08 14:05 Received: 04/30/08 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	6.0	1.8	1		05/01/08 16:05	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 16:05	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 16:05	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:05	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 16:05	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 16:05	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 16:05	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 16:05	156-60-5	
4-Bromofluorobenzene (S)	102	%	64-132		1		05/01/08 16:05	460-00-4	
Dibromofluoromethane (S)	112	%	68-122		1		05/01/08 16:05	1868-53-7	
Toluene-d8 (S)	109	%	73-127		1		05/01/08 16:05	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss									
Analytical Method: EPA 300.0									
Chloride	38.8	mg/L	5.0	1.1	1		04/30/08 22:16	16887-00-6	B
Sulfate	34.2	mg/L	4.0	0.51	1		04/30/08 22:16	14808-79-8	
300.0 IC Anions, Dissolved									
Analytical Method: EPA 300.0									
Nitrate as N	9.2	mg/L	2.0	0.42	5		05/01/08 19:09	14797-55-8	H5
5310C TOC									
Analytical Method: SM 5310C									
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 10:16	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA

Pace Project No.: 403245

Sample: MW18 BR2 Lab ID: 403245005 Collected: 04/29/08 12:15 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	102	ug/L	5.0	0.48	1		05/01/08 23:11	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	19.5	ug/L	3.0	0.90	1		05/01/08 16:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 16:28	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 16:28	79-00-5	
1,1-Dichloroethane	96.4	ug/L	2.5	0.75	1		05/01/08 16:28	75-34-3	
1,1-Dichloroethene	12.8	ug/L	1.9	0.57	1		05/01/08 16:28	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 16:28	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 16:28	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 16:28	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 16:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 16:28	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:28	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 16:28	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 16:28	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:28	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 16:28	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 16:28	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 16:28	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 16:28	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 16:28	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 16:28	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 16:28	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 16:28	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 16:28	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 16:28	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 16:28	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 16:28	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 16:28	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 16:28	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 16:28	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 16:28	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 16:28	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 16:28	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 16:28	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 16:28	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 16:28	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 16:28	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 16:28	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 16:28	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 16:28	108-88-3	
Trichloroethene	129	ug/L	1.6	0.48	1		05/01/08 16:28	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 16:28	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/01/08 16:28	75-01-4	
cis-1,2-Dichloroethene	63.9	ug/L	2.8	0.83	1		05/01/08 16:28	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW18 BR2 Lab ID: 403245005 Collected: 04/29/08 12:15 Received: 04/30/08 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	6.0	1.8	1		05/01/08 16:28	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 16:28	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 16:28	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:28	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 16:28	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 16:28	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 16:28	98-06-6	
trans-1,2-Dichloroethene	1.4J	ug/L	3.0	0.89	1		05/01/08 16:28	156-60-5	
4-Bromofluorobenzene (S)	99	%	64-132		1		05/01/08 16:28	460-00-4	
Dibromofluoromethane (S)	115	%	68-122		1		05/01/08 16:28	1868-53-7	
Toluene-d8 (S)	109	%	73-127		1		05/01/08 16:28	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	243	mg/L	25.0	5.3	5		05/01/08 19:23	16887-00-6	
Sulfate	43.0	mg/L	4.0	0.51	1		04/30/08 22:30	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	3.0	mg/L	0.40	0.085	1		04/30/08 22:30	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	19.4	mg/L	2.0	1.4	1		05/14/08 10:22	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW22 BR Lab ID: 403245006 Collected: 04/29/08 07:20 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	73.3	ug/L	5.0	0.48	1		05/01/08 23:15	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	3.0	0.90	1		05/01/08 16:52	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 16:52	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 16:52	79-00-5	
1,1-Dichloroethane	1.4J	ug/L	2.5	0.75	1		05/01/08 16:52	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/01/08 16:52	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 16:52	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 16:52	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 16:52	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 16:52	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 16:52	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:52	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 16:52	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 16:52	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:52	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 16:52	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 16:52	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 16:52	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 16:52	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 16:52	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 16:52	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 16:52	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 16:52	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 16:52	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 16:52	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 16:52	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 16:52	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 16:52	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 16:52	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 16:52	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 16:52	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 16:52	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 16:52	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 16:52	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 16:52	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 16:52	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 16:52	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 16:52	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 16:52	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 16:52	108-88-3	
Trichloroethene	53.2	ug/L	1.6	0.48	1		05/01/08 16:52	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 16:52	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/01/08 16:52	75-01-4	
cis-1,2-Dichloroethene	8.8	ug/L	2.8	0.83	1		05/01/08 16:52	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW22 BR Lab ID: 403245006 Collected: 04/29/08 07:20 Received: 04/30/08 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	6.0	1.8	1		05/01/08 16:52	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 16:52	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 16:52	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 16:52	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 16:52	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 16:52	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 16:52	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 16:52	156-60-5	
4-Bromofluorobenzene (S)	101	%	64-132		1		05/01/08 16:52	460-00-4	
Dibromofluoromethane (S)	113	%	68-122		1		05/01/08 16:52	1868-53-7	
Toluene-d8 (S)	108	%	73-127		1		05/01/08 16:52	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	42.1	mg/L	5.0	1.1	1		04/30/08 22:44	16887-00-6	B
Sulfate	49.2	mg/L	4.0	0.51	1		04/30/08 22:44	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	0.32J	mg/L	0.40	0.085	1		04/30/08 22:44	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 10:27	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW20 BR1 Lab ID: 403245007 Collected: 04/29/08 08:36 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	74.3	ug/L	5.0	0.48	1		05/01/08 23:19	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	3.0	0.90	1		05/01/08 17:15	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 17:15	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 17:15	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	2.5	0.75	1		05/01/08 17:15	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/01/08 17:15	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 17:15	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 17:15	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 17:15	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 17:15	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 17:15	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 17:15	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 17:15	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 17:15	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 17:15	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 17:15	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 17:15	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 17:15	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 17:15	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 17:15	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 17:15	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 17:15	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 17:15	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 17:15	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 17:15	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 17:15	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 17:15	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 17:15	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 17:15	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 17:15	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 17:15	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 17:15	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 17:15	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 17:15	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 17:15	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 17:15	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 17:15	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 17:15	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 17:15	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 17:15	108-88-3	
Trichloroethene	<0.48	ug/L	1.6	0.48	1		05/01/08 17:15	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 17:15	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/01/08 17:15	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	2.8	0.83	1		05/01/08 17:15	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW20 BR1 Lab ID: 403245007 Collected: 04/29/08 08:36 Received: 04/30/08 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	6.0	1.8	1		05/01/08 17:15	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 17:15	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 17:15	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 17:15	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 17:15	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 17:15	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 17:15	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 17:15	156-60-5	
4-Bromofluorobenzene (S)	100	%	64-132		1		05/01/08 17:15	460-00-4	
Dibromofluoromethane (S)	108	%	68-122		1		05/01/08 17:15	1868-53-7	
Toluene-d8 (S)	108	%	73-127		1		05/01/08 17:15	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	751	mg/L	50.0	10.6	10		05/01/08 19:37	16887-00-6	
Sulfate	14.8	mg/L	4.0	0.51	1		04/30/08 22:58	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	0.14J	mg/L	0.40	0.085	1		04/30/08 22:58	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	8.3	mg/L	2.0	1.4	1		05/14/08 10:39	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW3 BR2 Lab ID: 403245008 Collected: 04/29/08 13:25 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	46.0	ug/L	5.0	0.48	1		05/01/08 23:23	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	3.9	ug/L	3.0	0.90	1		05/01/08 17:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 17:39	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 17:39	79-00-5	
1,1-Dichloroethane	12.6	ug/L	2.5	0.75	1		05/01/08 17:39	75-34-3	
1,1-Dichloroethene	1.6J	ug/L	1.9	0.57	1		05/01/08 17:39	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 17:39	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 17:39	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 17:39	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 17:39	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 17:39	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 17:39	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 17:39	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 17:39	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 17:39	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 17:39	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 17:39	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 17:39	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 17:39	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 17:39	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 17:39	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 17:39	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 17:39	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 17:39	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 17:39	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 17:39	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 17:39	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 17:39	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 17:39	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 17:39	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 17:39	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 17:39	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 17:39	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 17:39	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 17:39	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 17:39	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 17:39	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 17:39	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 17:39	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 17:39	108-88-3	
Trichloroethene	170	ug/L	1.6	0.48	1		05/01/08 17:39	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 17:39	75-69-4	
Vinyl chloride	2.0	ug/L	0.60	0.18	1		05/01/08 17:39	75-01-4	
cis-1,2-Dichloroethene	47.7	ug/L	2.8	0.83	1		05/01/08 17:39	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW3 BR2	Lab ID: 403245008	Collected: 04/29/08 13:25	Received: 04/30/08 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	6.0	1.8	1		05/01/08 17:39	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 17:39	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 17:39	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 17:39	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 17:39	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 17:39	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 17:39	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 17:39	156-60-5	
4-Bromofluorobenzene (S)	99	%	64-132		1		05/01/08 17:39	460-00-4	
Dibromofluoromethane (S)	110	%	68-122		1		05/01/08 17:39	1868-53-7	
Toluene-d8 (S)	107	%	73-127		1		05/01/08 17:39	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss									
Analytical Method: EPA 300.0									
Chloride	102	mg/L	25.0	5.3	5		05/01/08 19:52	16887-00-6	
Sulfate	83.4	mg/L	20.0	2.6	5		05/01/08 19:52	14808-79-8	
300.0 IC Anions, Dissolved									
Analytical Method: EPA 300.0									
Nitrate as N	<0.085	mg/L	0.40	0.085	1		04/30/08 23:12	14797-55-8	
5310C TOC									
Analytical Method: SM 5310C									
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 10:45	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW3 BR1 Lab ID: 403245009 Collected: 04/29/08 12:59 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	59.0	ug/L	5.0	0.48	1		05/01/08 23:27	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	36.4	ug/L	3.0	0.90	1		05/01/08 18:02	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 18:02	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 18:02	79-00-5	
1,1-Dichloroethane	27.1	ug/L	2.5	0.75	1		05/01/08 18:02	75-34-3	
1,1-Dichloroethene	10.7	ug/L	1.9	0.57	1		05/01/08 18:02	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 18:02	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 18:02	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 18:02	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 18:02	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 18:02	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 18:02	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 18:02	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 18:02	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 18:02	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 18:02	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 18:02	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 18:02	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 18:02	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 18:02	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 18:02	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 18:02	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 18:02	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 18:02	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 18:02	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 18:02	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 18:02	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 18:02	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 18:02	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 18:02	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 18:02	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 18:02	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 18:02	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 18:02	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 18:02	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 18:02	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 18:02	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 18:02	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 18:02	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 18:02	108-88-3	
Trichloroethene	102	ug/L	1.6	0.48	1		05/01/08 18:02	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 18:02	75-69-4	
Vinyl chloride	1.2	ug/L	0.60	0.18	1		05/01/08 18:02	75-01-4	
cis-1,2-Dichloroethene	18.5	ug/L	2.8	0.83	1		05/01/08 18:02	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW3 BR1 Lab ID: 403245009 Collected: 04/29/08 12:59 Received: 04/30/08 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	6.0	1.8	1		05/01/08 18:02	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 18:02	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 18:02	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 18:02	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 18:02	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 18:02	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 18:02	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 18:02	156-60-5	
4-Bromofluorobenzene (S)	103	%	64-132		1		05/01/08 18:02	460-00-4	
Dibromofluoromethane (S)	112	%	68-122		1		05/01/08 18:02	1868-53-7	
Toluene-d8 (S)	109	%	73-127		1		05/01/08 18:02	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	35.9	mg/L	5.0	1.1	1		04/30/08 23:55	16887-00-6	B
Sulfate	68.6	mg/L	4.0	0.51	1		04/30/08 23:55	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	<0.085	mg/L	0.40	0.085	1		04/30/08 23:55	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	2.1	mg/L	2.0	1.4	1		05/14/08 10:53	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW19 BR1 Lab ID: 403245010 Collected: 04/29/08 10:41 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	10.2	ug/L	5.0	0.48	1		05/01/08 23:31	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	3.0	0.90	1		05/01/08 18:26	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 18:26	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 18:26	79-00-5	
1,1-Dichloroethane	4.2	ug/L	2.5	0.75	1		05/01/08 18:26	75-34-3	
1,1-Dichloroethene	0.93J	ug/L	1.9	0.57	1		05/01/08 18:26	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 18:26	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 18:26	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 18:26	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 18:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 18:26	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 18:26	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 18:26	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 18:26	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 18:26	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 18:26	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 18:26	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 18:26	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 18:26	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 18:26	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 18:26	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 18:26	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 18:26	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 18:26	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 18:26	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 18:26	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 18:26	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 18:26	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 18:26	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 18:26	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 18:26	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 18:26	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 18:26	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 18:26	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 18:26	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 18:26	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 18:26	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 18:26	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 18:26	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 18:26	108-88-3	
Trichloroethene	18.3	ug/L	1.6	0.48	1		05/01/08 18:26	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 18:26	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/01/08 18:26	75-01-4	
cis-1,2-Dichloroethene	2.6J	ug/L	2.8	0.83	1		05/01/08 18:26	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW19 BR1 Lab ID: 403245010 Collected: 04/29/08 10:41 Received: 04/30/08 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	6.0	1.8	1		05/01/08 18:26	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 18:26	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 18:26	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 18:26	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 18:26	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 18:26	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 18:26	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 18:26	156-60-5	
4-Bromofluorobenzene (S)	100	%	64-132		1		05/01/08 18:26	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		1		05/01/08 18:26	1868-53-7	
Toluene-d8 (S)	108	%	73-127		1		05/01/08 18:26	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	6.7	mg/L	5.0	1.1	1		05/01/08 00:09	16887-00-6	B
Sulfate	5.5	mg/L	4.0	0.51	1		05/01/08 00:09	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	0.31J	mg/L	0.40	0.085	1		05/01/08 00:09	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	9.0	mg/L	2.0	1.4	1		05/14/08 10:58	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA

Pace Project No.: 403245

Sample: MW18 BR1 Lab ID: 403245011 Collected: 04/29/08 11:56 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	0.67J	ug/L	5.0	0.48	1		05/01/08 23:35	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	5.7	ug/L	3.0	0.90	1		05/01/08 18:49	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 18:49	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 18:49	79-00-5	
1,1-Dichloroethane	28.2	ug/L	2.5	0.75	1		05/01/08 18:49	75-34-3	
1,1-Dichloroethane	3.3	ug/L	1.9	0.57	1		05/01/08 18:49	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 18:49	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 18:49	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 18:49	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 18:49	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 18:49	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 18:49	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 18:49	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 18:49	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 18:49	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 18:49	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 18:49	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 18:49	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 18:49	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 18:49	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 18:49	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 18:49	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 18:49	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 18:49	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 18:49	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 18:49	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 18:49	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 18:49	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 18:49	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 18:49	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 18:49	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 18:49	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 18:49	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 18:49	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 18:49	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 18:49	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 18:49	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 18:49	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 18:49	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 18:49	108-88-3	
Trichloroethene	48.0	ug/L	1.6	0.48	1		05/01/08 18:49	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 18:49	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/01/08 18:49	75-01-4	
cis-1,2-Dichloroethene	19.0	ug/L	2.8	0.83	1		05/01/08 18:49	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW18 BR1 Lab ID: 403245011 Collected: 04/29/08 11:56 Received: 04/30/08 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	6.0	1.8	1		05/01/08 18:49	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 18:49	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 18:49	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 18:49	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 18:49	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 18:49	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 18:49	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 18:49	156-60-5	
4-Bromofluorobenzene (S)	102	%	64-132		1		05/01/08 18:49	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		1		05/01/08 18:49	1868-53-7	
Toluene-d8 (S)	109	%	73-127		1		05/01/08 18:49	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	136	mg/L	25.0	5.3	5		05/01/08 20:06	16887-00-6	
Sulfate	36.9	mg/L	4.0	0.51	1		05/01/08 00:23	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	7.8	mg/L	0.40	0.085	1		05/01/08 00:23	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 11:04	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW20 BR2 Lab ID: 403245012 Collected: 04/29/08 09:50 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	193	ug/L	5.0	0.48	1		05/01/08 23:39	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<0.90	ug/L	3.0	0.90	1		05/01/08 19:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 19:13	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 19:13	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	2.5	0.75	1		05/01/08 19:13	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/01/08 19:13	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 19:13	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 19:13	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 19:13	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 19:13	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 19:13	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 19:13	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 19:13	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 19:13	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 19:13	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 19:13	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 19:13	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 19:13	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 19:13	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 19:13	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 19:13	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 19:13	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 19:13	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 19:13	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 19:13	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 19:13	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 19:13	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 19:13	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 19:13	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 19:13	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 19:13	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 19:13	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 19:13	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 19:13	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 19:13	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 19:13	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 19:13	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 19:13	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 19:13	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 19:13	108-88-3	
Trichloroethene	<0.48	ug/L	1.6	0.48	1		05/01/08 19:13	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 19:13	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/01/08 19:13	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	2.8	0.83	1		05/01/08 19:13	156-59-2	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW20 BR2 Lab ID: 403245012 Collected: 04/29/08 09:50 Received: 04/30/08 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	6.0	1.8	1		05/01/08 19:13	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 19:13	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 19:13	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/01/08 19:13	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 19:13	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 19:13	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 19:13	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 19:13	156-60-5	
4-Bromofluorobenzene (S)	100	%	64-132		1		05/01/08 19:13	460-00-4	
Dibromofluoromethane (S)	110	%	68-122		1		05/01/08 19:13	1868-53-7	
Toluene-d8 (S)	109	%	73-127		1		05/01/08 19:13	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	0.038J	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	361	mg/L	50.0	10.6	10		05/01/08 20:20	16887-00-6	
Sulfate	2.2J	mg/L	4.0	0.51	1		05/01/08 00:37	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	0.15J	mg/L	0.40	0.085	1		05/01/08 00:37	14797-55-8	
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	15.5	mg/L	2.0	1.4	1		05/14/08 11:13	7440-44-0	



ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
 Pace Project No.: 403245

Sample: MW12 Lab ID: 403245013 Collected: 04/28/08 16:50 Received: 04/30/08 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	<4.5	ug/L	15.0	4.5	5		05/02/08 10:15	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	3.3	1.0	5		05/02/08 10:15	79-34-5	
1,1,2-Trichloroethane	<2.1	ug/L	7.0	2.1	5		05/02/08 10:15	79-00-5	
1,1-Dichloroethane	<3.8	ug/L	12.5	3.8	5		05/02/08 10:15	75-34-3	
1,1-Dichloroethene	<2.8	ug/L	9.5	2.8	5		05/02/08 10:15	75-35-4	
1,2,3-Trichlorobenzene	<3.7	ug/L	12.3	3.7	5		05/02/08 10:15	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	16.2	4.8	5		05/02/08 10:15	120-82-1	
1,2,4-Trimethylbenzene	<4.8	ug/L	16.2	4.8	5		05/02/08 10:15	95-63-6	
1,2-Dibromo-3-chloropropane	<4.4	ug/L	14.5	4.4	5		05/02/08 10:15	96-12-8	
1,2-Dibromoethane (EDB)	<2.8	ug/L	9.3	2.8	5		05/02/08 10:15	106-93-4	
1,2-Dichlorobenzene	<4.2	ug/L	13.8	4.2	5		05/02/08 10:15	95-50-1	
1,2-Dichloroethane	<1.8	ug/L	6.0	1.8	5		05/02/08 10:15	107-06-2	
1,2-Dichloropropane	<2.3	ug/L	7.7	2.3	5		05/02/08 10:15	78-87-5	
1,3,5-Trimethylbenzene	<4.2	ug/L	13.8	4.2	5		05/02/08 10:15	108-67-8	
1,3-Dichlorobenzene	<4.4	ug/L	14.5	4.4	5		05/02/08 10:15	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	10.2	3.0	5		05/02/08 10:15	142-28-9	
1,4-Dichlorobenzene	<4.8	ug/L	15.8	4.8	5		05/02/08 10:15	106-46-7	
2,2-Dichloropropane	<3.1	ug/L	10.3	3.1	5		05/02/08 10:15	594-20-7	
2-Chlorotoluene	<4.2	ug/L	14.2	4.2	5		05/02/08 10:15	95-49-8	
4-Chlorotoluene	<3.7	ug/L	12.3	3.7	5		05/02/08 10:15	106-43-4	
Benzene	<2.0	ug/L	6.8	2.0	5		05/02/08 10:15	71-43-2	
Bromobenzene	<4.1	ug/L	13.7	4.1	5		05/02/08 10:15	108-86-1	
Bromodichloromethane	<2.8	ug/L	9.3	2.8	5		05/02/08 10:15	75-27-4	
Carbon tetrachloride	<2.4	ug/L	8.2	2.4	5		05/02/08 10:15	56-23-5	
Chlorobenzene	<2.0	ug/L	6.8	2.0	5		05/02/08 10:15	108-90-7	
Chloroethane	<4.8	ug/L	16.2	4.8	5		05/02/08 10:15	75-00-3	
Chloroform	<1.8	ug/L	6.2	1.8	5		05/02/08 10:15	67-66-3	
Chloromethane	<1.2	ug/L	4.0	1.2	5		05/02/08 10:15	74-87-3	
Dibromochloromethane	<4.0	ug/L	13.5	4.0	5		05/02/08 10:15	124-48-1	
Dichlorodifluoromethane	<5.0	ug/L	16.5	5.0	5		05/02/08 10:15	75-71-8	
Diisopropyl ether	<3.8	ug/L	12.7	3.8	5		05/02/08 10:15	108-20-3	
Ethylbenzene	<2.7	ug/L	9.0	2.7	5		05/02/08 10:15	100-41-4	
Hexachloro-1,3-butadiene	<3.4	ug/L	11.2	3.4	5		05/02/08 10:15	87-68-3	
Isopropylbenzene (Cumene)	<3.0	ug/L	9.8	3.0	5		05/02/08 10:15	98-82-8	
Methyl-tert-butyl ether	<3.0	ug/L	10.2	3.0	5		05/02/08 10:15	1634-04-4	
Methylene Chloride	<2.2	ug/L	7.2	2.2	5		05/02/08 10:15	75-09-2	
Naphthalene	<3.7	ug/L	12.3	3.7	5		05/02/08 10:15	91-20-3	
Tetrachloroethene	<2.2	ug/L	7.5	2.2	5		05/02/08 10:15	127-18-4	
Toluene	<3.4	ug/L	11.2	3.4	5		05/02/08 10:15	108-88-3	
Trichloroethene	303	ug/L	8.0	2.4	5		05/02/08 10:15	79-01-6	
Trichlorofluoromethane	<4.0	ug/L	13.2	4.0	5		05/02/08 10:15	75-69-4	
Vinyl chloride	<0.90	ug/L	3.0	0.90	5		05/02/08 10:15	75-01-4	
cis-1,2-Dichloroethene	4.2J	ug/L	13.8	4.2	5		05/02/08 10:15	156-59-2	
m&p-Xylene	<9.0	ug/L	30.0	9.0	5		05/02/08 10:15	1330-20-7	
n-Butylbenzene	<4.6	ug/L	15.5	4.6	5		05/02/08 10:15	104-51-8	
n-Propylbenzene	<4.0	ug/L	13.5	4.0	5		05/02/08 10:15	103-65-1	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW12 Lab ID: 403245013 Collected: 04/28/08 16:50 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
o-Xylene	<4.2	ug/L	13.8	4.2	5		05/02/08 10:15	95-47-6	
p-Isopropyltoluene	<3.4	ug/L	11.2	3.4	5		05/02/08 10:15	99-87-6	
sec-Butylbenzene	<4.4	ug/L	14.8	4.4	5		05/02/08 10:15	135-98-8	
tert-Butylbenzene	<4.8	ug/L	16.2	4.8	5		05/02/08 10:15	98-06-6	
trans-1,2-Dichloroethene	<4.4	ug/L	14.8	4.4	5		05/02/08 10:15	156-60-5	
4-Bromofluorobenzene (S)	101	%	64-132		5		05/02/08 10:15	460-00-4	HS
Dibromofluoromethane (S)	108	%	68-122		5		05/02/08 10:15	1868-53-7	
Toluene-d8 (S)	109	%	73-127		5		05/02/08 10:15	2037-26-5	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW9 Lab ID: 403245014 Collected: 04/28/08 16:05 Received: 04/30/08 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	211	ug/L	30.0	9.0	10		05/02/08 10:39	71-55-6	
1,1,2,2-Tetrachloroethane	<2.0	ug/L	6.7	2.0	10		05/02/08 10:39	79-34-5	
1,1,2-Trichloroethane	<4.2	ug/L	14.0	4.2	10		05/02/08 10:39	79-00-5	
1,1-Dichloroethane	94.8	ug/L	25.0	7.5	10		05/02/08 10:39	75-34-3	
1,1-Dichloroethene	16.1J	ug/L	19.0	5.7	10		05/02/08 10:39	75-35-4	
1,2,3-Trichlorobenzene	<7.4	ug/L	24.7	7.4	10		05/02/08 10:39	87-61-6	
1,2,4-Trichlorobenzene	<9.7	ug/L	32.3	9.7	10		05/02/08 10:39	120-82-1	
1,2,4-Trimethylbenzene	<9.7	ug/L	32.3	9.7	10		05/02/08 10:39	95-63-6	
1,2-Dibromo-3-chloropropane	<8.7	ug/L	29.0	8.7	10		05/02/08 10:39	96-12-8	
1,2-Dibromoethane (EDB)	<5.6	ug/L	18.7	5.6	10		05/02/08 10:39	106-93-4	
1,2-Dichlorobenzene	<8.3	ug/L	27.7	8.3	10		05/02/08 10:39	95-50-1	
1,2-Dichloroethane	<3.6	ug/L	12.0	3.6	10		05/02/08 10:39	107-06-2	
1,2-Dichloropropane	<4.6	ug/L	15.3	4.6	10		05/02/08 10:39	78-87-5	
1,3,5-Trimethylbenzene	<8.3	ug/L	27.7	8.3	10		05/02/08 10:39	108-67-8	
1,3-Dichlorobenzene	<8.7	ug/L	29.0	8.7	10		05/02/08 10:39	541-73-1	
1,3-Dichloropropane	<6.1	ug/L	20.3	6.1	10		05/02/08 10:39	142-28-9	
1,4-Dichlorobenzene	<9.5	ug/L	31.7	9.5	10		05/02/08 10:39	106-46-7	
2,2-Dichloropropane	<6.2	ug/L	20.7	6.2	10		05/02/08 10:39	594-20-7	
2-Chlorotoluene	<8.5	ug/L	28.3	8.5	10		05/02/08 10:39	95-49-8	
4-Chlorotoluene	<7.4	ug/L	24.7	7.4	10		05/02/08 10:39	106-43-4	
Benzene	<4.1	ug/L	13.7	4.1	10		05/02/08 10:39	71-43-2	
Bromobenzene	<8.2	ug/L	27.3	8.2	10		05/02/08 10:39	108-86-1	
Bromodichloromethane	<5.6	ug/L	18.7	5.6	10		05/02/08 10:39	75-27-4	
Carbon tetrachloride	<4.9	ug/L	16.3	4.9	10		05/02/08 10:39	56-23-5	
Chlorobenzene	<4.1	ug/L	13.7	4.1	10		05/02/08 10:39	108-90-7	
Chloroethane	<9.7	ug/L	32.3	9.7	10		05/02/08 10:39	75-00-3	
Chloroform	<3.7	ug/L	12.3	3.7	10		05/02/08 10:39	67-66-3	
Chloromethane	<2.4	ug/L	8.0	2.4	10		05/02/08 10:39	74-87-3	
Dibromochloromethane	<8.1	ug/L	27.0	8.1	10		05/02/08 10:39	124-48-1	
Dichlorodifluoromethane	<9.9	ug/L	33.0	9.9	10		05/02/08 10:39	75-71-8	
Diisopropyl ether	<7.6	ug/L	25.3	7.6	10		05/02/08 10:39	108-20-3	
Ethylbenzene	<5.4	ug/L	18.0	5.4	10		05/02/08 10:39	100-41-4	
Hexachloro-1,3-butadiene	<6.7	ug/L	22.3	6.7	10		05/02/08 10:39	87-68-3	
Isopropylbenzene (Cumene)	<5.9	ug/L	19.7	5.9	10		05/02/08 10:39	98-82-8	
Methyl-tert-butyl ether	<6.1	ug/L	20.3	6.1	10		05/02/08 10:39	1634-04-4	
Methylene Chloride	<4.3	ug/L	14.3	4.3	10		05/02/08 10:39	75-09-2	
Naphthalene	<7.4	ug/L	24.7	7.4	10		05/02/08 10:39	91-20-3	
Tetrachloroethene	<4.5	ug/L	15.0	4.5	10		05/02/08 10:39	127-18-4	
Toluene	<6.7	ug/L	22.3	6.7	10		05/02/08 10:39	108-88-3	
Trichloroethene	992	ug/L	16.0	4.8	10		05/02/08 10:39	79-01-6	
Trichlorofluoromethane	<7.9	ug/L	26.3	7.9	10		05/02/08 10:39	75-69-4	
Vinyl chloride	<1.8	ug/L	6.0	1.8	10		05/02/08 10:39	75-01-4	
cis-1,2-Dichloroethene	1010	ug/L	27.7	8.3	10		05/02/08 10:39	156-59-2	
m&p-Xylene	<18.0	ug/L	60.0	18.0	10		05/02/08 10:39	1330-20-7	
n-Butylbenzene	<9.3	ug/L	31.0	9.3	10		05/02/08 10:39	104-51-8	
n-Propylbenzene	<8.1	ug/L	27.0	8.1	10		05/02/08 10:39	103-65-1	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW9 Lab ID: 403245014 Collected: 04/28/08 16:05 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
o-Xylene	<8.3	ug/L	27.7	8.3	10		05/02/08 10:39	95-47-6	
p-Isopropyltoluene	<6.7	ug/L	22.3	6.7	10		05/02/08 10:39	99-87-6	
sec-Butylbenzene	<8.9	ug/L	29.7	8.9	10		05/02/08 10:39	135-98-8	
tert-Butylbenzene	<9.7	ug/L	32.3	9.7	10		05/02/08 10:39	98-06-6	
trans-1,2-Dichloroethene	<8.9	ug/L	29.7	8.9	10		05/02/08 10:39	156-60-5	
4-Bromofluorobenzene (S)	99	%	64-132		10		05/02/08 10:39	460-00-4	
Dibromofluoromethane (S)	112	%	68-122		10		05/02/08 10:39	1868-53-7	
Toluene-d8 (S)	109	%	73-127		10		05/02/08 10:39	2037-26-5	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA

Pace Project No.: 403245

Sample: MW9D Lab ID: 403245015 Collected: 04/28/08 15:15 Received: 04/30/08 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	78.9	ug/L	15.0	4.5	5		05/02/08 11:02	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	3.3	1.0	5		05/02/08 11:02	79-34-5	
1,1,2-Trichloroethane	<2.1	ug/L	7.0	2.1	5		05/02/08 11:02	79-00-5	
1,1-Dichloroethane	111	ug/L	12.5	3.8	5		05/02/08 11:02	75-34-3	
1,1-Dichloroethene	11.4	ug/L	9.5	2.8	5		05/02/08 11:02	75-35-4	
1,2,3-Trichlorobenzene	<3.7	ug/L	12.3	3.7	5		05/02/08 11:02	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	16.2	4.8	5		05/02/08 11:02	120-82-1	
1,2,4-Trimethylbenzene	<4.8	ug/L	16.2	4.8	5		05/02/08 11:02	95-63-6	
1,2-Dibromo-3-chloropropane	<4.4	ug/L	14.5	4.4	5		05/02/08 11:02	96-12-8	
1,2-Dibromoethane (EDB)	<2.8	ug/L	9.3	2.8	5		05/02/08 11:02	106-93-4	
1,2-Dichlorobenzene	<4.2	ug/L	13.8	4.2	5		05/02/08 11:02	95-50-1	
1,2-Dichloroethane	<1.8	ug/L	6.0	1.8	5		05/02/08 11:02	107-06-2	
1,2-Dichloropropane	<2.3	ug/L	7.7	2.3	5		05/02/08 11:02	78-87-5	
1,3,5-Trimethylbenzene	<4.2	ug/L	13.8	4.2	5		05/02/08 11:02	108-67-8	
1,3-Dichlorobenzene	<4.4	ug/L	14.5	4.4	5		05/02/08 11:02	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	10.2	3.0	5		05/02/08 11:02	142-28-9	
1,4-Dichlorobenzene	<4.8	ug/L	15.8	4.8	5		05/02/08 11:02	106-46-7	
2,2-Dichloropropane	<3.1	ug/L	10.3	3.1	5		05/02/08 11:02	594-20-7	
2-Chlorotoluene	<4.2	ug/L	14.2	4.2	5		05/02/08 11:02	95-49-8	
4-Chlorotoluene	<3.7	ug/L	12.3	3.7	5		05/02/08 11:02	106-43-4	
Benzene	<2.0	ug/L	6.8	2.0	5		05/02/08 11:02	71-43-2	
Bromobenzene	<4.1	ug/L	13.7	4.1	5		05/02/08 11:02	108-86-1	
Bromodichloromethane	<2.8	ug/L	9.3	2.8	5		05/02/08 11:02	75-27-4	
Carbon tetrachloride	<2.4	ug/L	8.2	2.4	5		05/02/08 11:02	56-23-5	
Chlorobenzene	<2.0	ug/L	6.8	2.0	5		05/02/08 11:02	108-90-7	
Chloroethane	<4.8	ug/L	16.2	4.8	5		05/02/08 11:02	75-00-3	
Chloroform	<1.8	ug/L	6.2	1.8	5		05/02/08 11:02	67-66-3	
Chloromethane	<1.2	ug/L	4.0	1.2	5		05/02/08 11:02	74-87-3	
Dibromochloromethane	<4.0	ug/L	13.5	4.0	5		05/02/08 11:02	124-48-1	
Dichlorodifluoromethane	<5.0	ug/L	16.5	5.0	5		05/02/08 11:02	75-71-8	
Diisopropyl ether	<3.8	ug/L	12.7	3.8	5		05/02/08 11:02	108-20-3	
Ethylbenzene	<2.7	ug/L	9.0	2.7	5		05/02/08 11:02	100-41-4	
Hexachloro-1,3-butadiene	<3.4	ug/L	11.2	3.4	5		05/02/08 11:02	87-68-3	
Isopropylbenzene (Cumene)	<3.0	ug/L	9.8	3.0	5		05/02/08 11:02	98-82-8	
Methyl-tert-butyl ether	<3.0	ug/L	10.2	3.0	5		05/02/08 11:02	1634-04-4	
Methylene Chloride	<2.2	ug/L	7.2	2.2	5		05/02/08 11:02	75-09-2	
Naphthalene	<3.7	ug/L	12.3	3.7	5		05/02/08 11:02	91-20-3	
Tetrachloroethene	<2.2	ug/L	7.5	2.2	5		05/02/08 11:02	127-18-4	
Toluene	<3.4	ug/L	11.2	3.4	5		05/02/08 11:02	108-88-3	
Trichloroethene	519	ug/L	8.0	2.4	5		05/02/08 11:02	79-01-6	
Trichlorofluoromethane	<4.0	ug/L	13.2	4.0	5		05/02/08 11:02	75-69-4	
Vinyl chloride	<0.90	ug/L	3.0	0.90	5		05/02/08 11:02	75-01-4	
cis-1,2-Dichloroethene	89.2	ug/L	13.8	4.2	5		05/02/08 11:02	156-59-2	
m&p-Xylene	<9.0	ug/L	30.0	9.0	5		05/02/08 11:02	1330-20-7	
n-Butylbenzene	<4.6	ug/L	15.5	4.6	5		05/02/08 11:02	104-51-8	
n-Propylbenzene	<4.0	ug/L	13.5	4.0	5		05/02/08 11:02	103-65-1	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW9D Lab ID: 403245015 Collected: 04/28/08 15:15 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
o-Xylene	<4.2	ug/L	13.8	4.2	5		05/02/08 11:02	95-47-6	
p-Isopropyltoluene	<3.4	ug/L	11.2	3.4	5		05/02/08 11:02	99-87-6	
sec-Butylbenzene	<4.4	ug/L	14.8	4.4	5		05/02/08 11:02	135-98-8	
tert-Butylbenzene	<4.8	ug/L	16.2	4.8	5		05/02/08 11:02	98-06-6	
trans-1,2-Dichloroethene	<4.4	ug/L	14.8	4.4	5		05/02/08 11:02	156-60-5	
4-Bromofluorobenzene (S)	102	%	64-132		5		05/02/08 11:02	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		5		05/02/08 11:02	1868-53-7	
Toluene-d8 (S)	108	%	73-127		5		05/02/08 11:02	2037-26-5	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW24R Lab ID: 403245016 Collected: 04/28/08 14:00 Received: 04/30/08 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	3.0	0.90	1		05/02/08 07:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/02/08 07:58	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/02/08 07:58	79-00-5	
1,1-Dichloroethane	12.7	ug/L	2.5	0.75	1		05/02/08 07:58	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/02/08 07:58	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/02/08 07:58	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 07:58	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 07:58	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/02/08 07:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/02/08 07:58	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/02/08 07:58	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/02/08 07:58	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/02/08 07:58	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/02/08 07:58	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/02/08 07:58	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/02/08 07:58	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/02/08 07:58	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/02/08 07:58	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/02/08 07:58	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/02/08 07:58	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/02/08 07:58	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/02/08 07:58	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/02/08 07:58	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/02/08 07:58	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/02/08 07:58	108-90-7	
Chloroethane	75.8	ug/L	3.2	0.97	1		05/02/08 07:58	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/02/08 07:58	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/02/08 07:58	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/02/08 07:58	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/02/08 07:58	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/02/08 07:58	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/02/08 07:58	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/02/08 07:58	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/02/08 07:58	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/02/08 07:58	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/02/08 07:58	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/02/08 07:58	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/02/08 07:58	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/02/08 07:58	108-88-3	
Trichloroethene	1.2J	ug/L	1.6	0.48	1		05/02/08 07:58	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/02/08 07:58	75-69-4	
Vinyl chloride	0.52J	ug/L	0.60	0.18	1		05/02/08 07:58	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	2.8	0.83	1		05/02/08 07:58	156-59-2	
m&p-Xylene	<1.8	ug/L	6.0	1.8	1		05/02/08 07:58	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/02/08 07:58	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/02/08 07:58	103-65-1	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW24R Lab ID: 403245016 Collected: 04/28/08 14:00 Received: 04/30/08 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	2.8	0.83	1		05/02/08 07:58	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/02/08 07:58	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/02/08 07:58	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 07:58	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/02/08 07:58	156-60-5	
4-Bromofluorobenzene (S)	100	%	64-132		1		05/02/08 07:58	460-00-4	
Dibromofluoromethane (S)	110	%	68-122		1		05/02/08 07:58	1868-53-7	
Toluene-d8 (S)	108	%	73-127		1		05/02/08 07:58	2037-26-5	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW3 Lab ID: 403245017 Collected: 04/28/08 12:55 Received: 04/30/08 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	3.0	0.90	1		05/02/08 09:08	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/02/08 09:08	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/02/08 09:08	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	2.5	0.75	1		05/02/08 09:08	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/02/08 09:08	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/02/08 09:08	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 09:08	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 09:08	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/02/08 09:08	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/02/08 09:08	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/02/08 09:08	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/02/08 09:08	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/02/08 09:08	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/02/08 09:08	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/02/08 09:08	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/02/08 09:08	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/02/08 09:08	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/02/08 09:08	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/02/08 09:08	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/02/08 09:08	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/02/08 09:08	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/02/08 09:08	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/02/08 09:08	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/02/08 09:08	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/02/08 09:08	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/02/08 09:08	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/02/08 09:08	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/02/08 09:08	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/02/08 09:08	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/02/08 09:08	75-71-8	
Diisopropyl ether	1.1J	ug/L	2.5	0.76	1		05/02/08 09:08	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/02/08 09:08	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/02/08 09:08	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/02/08 09:08	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/02/08 09:08	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/02/08 09:08	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/02/08 09:08	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/02/08 09:08	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/02/08 09:08	108-88-3	
Trichloroethene	<0.48	ug/L	1.6	0.48	1		05/02/08 09:08	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/02/08 09:08	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/02/08 09:08	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	2.8	0.83	1		05/02/08 09:08	156-59-2	
m&p-Xylene	<1.8	ug/L	6.0	1.8	1		05/02/08 09:08	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/02/08 09:08	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/02/08 09:08	103-65-1	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW3 Lab ID: 403245017 Collected: 04/28/08 12:55 Received: 04/30/08 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	2.8	0.83	1		05/02/08 09:08	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/02/08 09:08	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/02/08 09:08	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 09:08	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/02/08 09:08	156-60-5	
4-Bromofluorobenzene (S)	104	%	64-132		1		05/02/08 09:08	460-00-4	
Dibromofluoromethane (S)	110	%	68-122		1		05/02/08 09:08	1868-53-7	
Toluene-d8 (S)	109	%	73-127		1		05/02/08 09:08	2037-26-5	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW3D Lab ID: 403245018 Collected: 04/28/08 11:40 Received: 04/30/08 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	3.0	0.90	1		05/02/08 09:52	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/02/08 09:52	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/02/08 09:52	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	2.5	0.75	1		05/02/08 09:52	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/02/08 09:52	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/02/08 09:52	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 09:52	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 09:52	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/02/08 09:52	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/02/08 09:52	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/02/08 09:52	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/02/08 09:52	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/02/08 09:52	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/02/08 09:52	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/02/08 09:52	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/02/08 09:52	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/02/08 09:52	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/02/08 09:52	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/02/08 09:52	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/02/08 09:52	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/02/08 09:52	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/02/08 09:52	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/02/08 09:52	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/02/08 09:52	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/02/08 09:52	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/02/08 09:52	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/02/08 09:52	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/02/08 09:52	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/02/08 09:52	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/02/08 09:52	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/02/08 09:52	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/02/08 09:52	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/02/08 09:52	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/02/08 09:52	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/02/08 09:52	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/02/08 09:52	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/02/08 09:52	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/02/08 09:52	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/02/08 09:52	108-88-3	
Trichloroethene	<0.48	ug/L	1.6	0.48	1		05/02/08 09:52	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/02/08 09:52	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/02/08 09:52	75-01-4	
Xylene (Total)	<2.6	ug/L	8.7	2.6	1		05/02/08 09:52	1330-20-7	
cis-1,2-Dichloroethene	<0.83	ug/L	2.8	0.83	1		05/02/08 09:52	156-59-2	
m&p-Xylene	<1.8	ug/L	6.0	1.8	1		05/02/08 09:52	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/02/08 09:52	104-51-8	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: MW3D Lab ID: 403245018 Collected: 04/28/08 11:40 Received: 04/30/08 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/02/08 09:52	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/02/08 09:52	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/02/08 09:52	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/02/08 09:52	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/02/08 09:52	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/02/08 09:52	156-60-5	
4-Bromofluorobenzene (S)	101	%	64-132		1		05/02/08 09:52	460-00-4	HS
Dibromofluoromethane (S)	107	%	68-122		1		05/02/08 09:52	1868-53-7	
Toluene-d8 (S)	108	%	73-127		1		05/02/08 09:52	2037-26-5	

ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Sample: TRIP BLANK Lab ID: 403245019 Collected: 04/28/08 00:00 Received: 04/30/08 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	3.0	0.90	1		05/01/08 12:32	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/01/08 12:32	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/01/08 12:32	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	2.5	0.75	1		05/01/08 12:32	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/01/08 12:32	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/01/08 12:32	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 12:32	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 12:32	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/01/08 12:32	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/01/08 12:32	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 12:32	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/01/08 12:32	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/01/08 12:32	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/01/08 12:32	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/01/08 12:32	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/01/08 12:32	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/01/08 12:32	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/01/08 12:32	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/01/08 12:32	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/01/08 12:32	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/01/08 12:32	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/01/08 12:32	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/01/08 12:32	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/01/08 12:32	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/01/08 12:32	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/01/08 12:32	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/01/08 12:32	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/01/08 12:32	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/01/08 12:32	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/01/08 12:32	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/01/08 12:32	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/01/08 12:32	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/01/08 12:32	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/01/08 12:32	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/01/08 12:32	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/01/08 12:32	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/01/08 12:32	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/01/08 12:32	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/01/08 12:32	108-88-3	
Trichloroethene	<0.48	ug/L	1.6	0.48	1		05/01/08 12:32	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/01/08 12:32	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/01/08 12:32	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	2.8	0.83	1		05/01/08 12:32	156-59-2	
m&p-Xylene	<1.8	ug/L	6.0	1.8	1		05/01/08 12:32	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/01/08 12:32	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/01/08 12:32	103-65-1	

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ANALYTICAL RESULTS

Project: 7397.07 TECHUMSEH MNA

Pace Project No.: 403245

Sample: TRIP BLANK Lab ID: 403245019 Collected: 04/28/08 00:00 Received: 04/30/08 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	2.8	0.83	1		05/01/08 12:32	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/01/08 12:32	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/01/08 12:32	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/01/08 12:32	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/01/08 12:32	156-60-5	
4-Bromofluorobenzene (S)	99	%	64-132		1		05/01/08 12:32	460-00-4	
Dibromofluoromethane (S)	109	%	68-122		1		05/01/08 12:32	1868-53-7	
Toluene-d8 (S)	110	%	73-127		1		05/01/08 12:32	2037-26-5	

QUALITY CONTROL DATA

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

QC Batch: MSV/1546 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012, 403245013, 403245014, 403245015, 403245016, 403245017, 403245018, 403245019

METHOD BLANK: 22229

Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012, 403245013, 403245014, 403245015, 403245016, 403245017, 403245018, 403245019

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.90	3.0	
1,1,1,2-Tetrachloroethane	ug/L	<0.20	0.67	
1,1,2-Trichloroethane	ug/L	<0.42	1.4	
1,1-Dichloroethane	ug/L	<0.75	2.5	
1,1-Dichloroethene	ug/L	<0.57	1.9	
1,2,3-Trichlorobenzene	ug/L	<0.74	2.5	
1,2,4-Trichlorobenzene	ug/L	<0.97	3.2	
1,2,4-Trimethylbenzene	ug/L	<0.97	3.2	
1,2-Dibromo-3-chloropropane	ug/L	<0.87	2.9	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.9	
1,2-Dichlorobenzene	ug/L	<0.83	2.8	
1,2-Dichloroethane	ug/L	<0.36	1.2	
1,2-Dichloropropane	ug/L	<0.46	1.5	
1,3,5-Trimethylbenzene	ug/L	<0.83	2.8	
1,3-Dichlorobenzene	ug/L	<0.87	2.9	
1,3-Dichloropropane	ug/L	<0.61	2.0	
1,4-Dichlorobenzene	ug/L	<0.95	3.2	
2,2-Dichloropropane	ug/L	<0.62	2.1	
2-Chlorotoluene	ug/L	<0.85	2.8	
4-Chlorotoluene	ug/L	<0.74	2.5	
Benzene	ug/L	<0.41	1.4	
Bromobenzene	ug/L	<0.82	2.7	
Bromodichloromethane	ug/L	<0.56	1.9	
Carbon tetrachloride	ug/L	<0.49	1.6	
Chlorobenzene	ug/L	<0.41	1.4	
Chloroethane	ug/L	<0.97	3.2	
Chloroform	ug/L	<0.37	1.2	
Chloromethane	ug/L	<0.24	0.80	
cis-1,2-Dichloroethene	ug/L	<0.83	2.8	
Dibromochloromethane	ug/L	<0.81	2.7	
Dichlorodifluoromethane	ug/L	<0.99	3.3	
Diisopropyl ether	ug/L	<0.76	2.5	
Ethylbenzene	ug/L	<0.54	1.8	
Hexachloro-1,3-butadiene	ug/L	<0.67	2.2	
Isopropylbenzene (Cumene)	ug/L	<0.59	2.0	
m&p-Xylene	ug/L	<1.8	6.0	
Methyl-tert-butyl ether	ug/L	<0.61	2.0	
Methylene Chloride	ug/L	<0.43	1.4	
n-Butylbenzene	ug/L	<0.93	3.1	

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QUALITY CONTROL DATA

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

METHOD BLANK: 22229

Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012, 403245013, 403245014, 403245015, 403245016, 403245017, 403245018, 403245019

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
n-Propylbenzene	ug/L	<0.81	2.7	
Naphthalene	ug/L	<0.74	2.5	
o-Xylene	ug/L	<0.83	2.8	
p-Isopropyltoluene	ug/L	<0.67	2.2	
sec-Butylbenzene	ug/L	<0.89	3.0	
tert-Butylbenzene	ug/L	<0.97	3.2	
Tetrachloroethene	ug/L	<0.45	1.5	
Toluene	ug/L	<0.67	2.2	
trans-1,2-Dichloroethene	ug/L	<0.89	3.0	
Trichloroethene	ug/L	<0.48	1.6	
Trichlorofluoromethane	ug/L	<0.79	2.6	
Vinyl chloride	ug/L	<0.18	0.60	
Xylene (Total)	ug/L	<2.6	8.7	
4-Bromofluorobenzene (S)	%	102	64-132	
Dibromofluoromethane (S)	%	109	68-122	
Toluene-d8 (S)	%	109	73-127	

LABORATORY CONTROL SAMPLE & LCSD: 22230

22231

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.5	53.5	105	107	75-128	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	51.5	51.3	103	103	67-125	.3	20	
1,1,2-Trichloroethane	ug/L	50	51.3	54.0	103	108	75-125	5	20	
1,1-Dichloroethane	ug/L	50	52.4	53.7	105	107	71-130	2	20	
1,1-Dichloroethene	ug/L	50	52.1	54.1	104	108	75-125	4	20	
1,2-Dichloroethane	ug/L	50	51.8	54.2	104	108	71-132	4	20	
1,2-Dichloropropane	ug/L	50	51.7	50.8	103	102	73-125	2	20	
Benzene	ug/L	50	53.7	55.0	107	110	75-125	2	20	
Bromodichloromethane	ug/L	50	49.2	50.7	98	101	75-125	3	20	
Carbon tetrachloride	ug/L	50	50.9	52.3	102	105	75-125	3	20	
Chlorobenzene	ug/L	50	49.6	50.5	99	101	75-125	2	20	
Chloroethane	ug/L	50	47.3	48.8	95	98	72-126	3	20	
Chloroform	ug/L	50	47.7	49.5	95	99	75-125	4	20	
Chloromethane	ug/L	50	48.1	48.4	96	97	46-143	.6	20	
cis-1,2-Dichloroethene	ug/L	50	51.6	52.1	103	104	75-125	1	20	
Dibromochloromethane	ug/L	50	48.7	48.6	97	97	75-125	.2	20	
Ethylbenzene	ug/L	50	52.0	52.9	104	106	75-125	2	20	
m&p-Xylene	ug/L	100	105	106	105	106	75-125	1	20	
Methylene Chloride	ug/L	50	48.5	51.4	97	103	75-125	6	20	
o-Xylene	ug/L	50	52.6	52.2	105	104	75-125	.6	20	
Tetrachloroethene	ug/L	50	49.8	50.0	100	100	75-130	.4	20	
Toluene	ug/L	50	52.3	52.7	105	105	75-125	.8	20	
trans-1,2-Dichloroethene	ug/L	50	52.1	52.8	104	106	75-125	1	20	
Trichloroethene	ug/L	50	52.8	54.2	106	108	75-125	3	20	

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QUALITY CONTROL DATA

Project: 7397.07 TECHUMSEH MNA

Pace Project No.: 403245

LABORATORY CONTROL SAMPLE & LCSD: 22230			22231							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Vinyl chloride	ug/L	50	46.4	48.4	93	97	65-130	4	20	
Xylene (Total)	ug/L	150	157	158	105	105	75-125	.6	20	
4-Bromofluorobenzene (S)	%				104	106	64-132			
Dibromofluoromethane (S)	%				111	108	68-122			
Toluene-d8 (S)	%				111	108	73-127			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22820			22821										
Parameter	Units	403245018		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	RPD	RPD			
1,1,1-Trichloroethane	ug/L	<0.90	50	50	52.6	53.0	105	106	70-130	.8	30		
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	55.0	52.5	110	105	70-130	5	30		
1,1,2-Trichloroethane	ug/L	<0.42	50	50	53.9	50.1	108	100	70-130	7	30		
1,1-Dichloroethane	ug/L	<0.75	50	50	55.2	54.5	110	109	70-130	1	30		
1,1-Dichloroethene	ug/L	<0.57	50	50	53.1	52.4	106	105	70-135	1	30		
1,2-Dichloroethane	ug/L	<0.36	50	50	53.5	52.9	107	106	70-130	1	30		
1,2-Dichloropropane	ug/L	<0.46	50	50	52.2	52.2	104	104	70-130	.03	30		
Benzene	ug/L	<0.41	50	50	56.9	55.5	114	111	70-130	2	30		
Bromodichloromethane	ug/L	<0.56	50	50	49.4	50.0	99	100	70-130	1	30		
Carbon tetrachloride	ug/L	<0.49	50	50	51.5	50.8	103	102	70-131	1	30		
Chlorobenzene	ug/L	<0.41	50	50	50.2	49.8	100	100	70-130	.8	30		
Chloroethane	ug/L	<0.97	50	50	50.9	48.8	102	98	67-138	4	30		
Chloroform	ug/L	<0.37	50	50	50.2	48.0	100	96	70-130	4	30		
Chloromethane	ug/L	<0.24	50	50	44.9	43.4	90	87	43-150	3	30		
cis-1,2-Dichloroethene	ug/L	<0.83	50	50	53.2	53.5	106	107	70-130	.6	30		
Dibromochloromethane	ug/L	<0.81	50	50	45.2	44.3	90	89	70-130	2	30		
Ethylbenzene	ug/L	<0.54	50	50	50.2	50.2	100	100	70-136	.03	30		
m&p-Xylene	ug/L	<1.8	100	100	89.0	89.9	89	90	70-137	1	30		
Methylene Chloride	ug/L	<0.43	50	50	53.3	50.8	107	102	70-130	5	30		
o-Xylene	ug/L	<0.83	50	50	46.6	46.3	93	93	70-130	.6	30		
Tetrachloroethene	ug/L	<0.45	50	50	48.6	49.0	97	98	70-130	.8	30		
Toluene	ug/L	<0.67	50	50	50.9	50.8	102	102	70-130	.3	30		
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	54.4	52.9	109	106	70-130	3	30		
Trichloroethene	ug/L	<0.48	50	50	53.0	52.5	106	105	70-130	.9	30		
Vinyl chloride	ug/L	<0.18	50	50	46.2	43.3	92	87	62-138	7	30		
Xylene (Total)	ug/L	<2.6	150	150	136	136	90	91	70-130	.5	30		
4-Bromofluorobenzene (S)	%						104	104	64-132				
Dibromofluoromethane (S)	%						111	109	68-122				
Toluene-d8 (S)	%						108	109	73-127				

QUALITY CONTROL DATA

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

QC Batch: WETA/1414 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

METHOD BLANK: 22238

Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Nitrate as N	mg/L	<0.085	0.40	

LABORATORY CONTROL SAMPLE: 22239

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	1.6	1.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22240 22241

Parameter	Units	403186002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		
										RPD	RPD	Qual
Nitrate as N	mg/L	4.8	1.6	1.6	6.8	6.8	125	123	90-110	.4	20	H1,M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22242 22243

Parameter	Units	403186001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		
										RPD	RPD	Qual
Nitrate as N	mg/L	0.18J	1.6	1.6	1.8	1.8	99	101	90-110	2	20	H1

QUALITY CONTROL DATA

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

QC Batch: WETA/1415 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

METHOD BLANK: 22244

Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chloride	mg/L	2.2J	5.0	
Sulfate	mg/L	<0.51	4.0	

LABORATORY CONTROL SAMPLE: 22245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.5	103	90-110	
Sulfate	mg/L	16	16.4	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22246 22247

Parameter	Units	403186001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	73.8	20	20	97.6	97.7	119	120	90-110	.2	20	MO
Sulfate	mg/L	25.1	16	16	43.5	43.8	115	117	90-110	.7	20	MO

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22248 22249

Parameter	Units	403186002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	437	200	200	667	659	115	111	90-110	1	20	MO
Sulfate	mg/L	27.9	16	16	47.0	47.1	119	120	90-110	.1	20	MO

QUALITY CONTROL DATA

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

QC Batch: ICP/1155 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

METHOD BLANK: 22346

Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Manganese	ug/L	<0.48	5.0	

LABORATORY CONTROL SAMPLE: 22347

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	ug/L	500	508	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22348 22349

Parameter	Units	403245001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	Spike Conc.							
Manganese	ug/L	0.80J	500	500	496	503	99	100	75-125	2	20

QUALITY CONTROL DATA

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

QC Batch: WET/1369 Analysis Method: HACH 8146
QC Batch Method: HACH 8146 Analysis Description: Iron, Ferrous
Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

METHOD BLANK: 22606
Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Iron, Ferrous	mg/L	<0.026	0.050	H6

LABORATORY CONTROL SAMPLE: 22607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	.6	0.65	108	80-120	H6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22608 22609

Parameter	Units	403245001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
Iron, Ferrous	mg/L	<0.026	.6	.6	0.63	0.69	105	115	80-120	9	20	H6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22610 22611

Parameter	Units	403277001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
Iron, Ferrous	mg/L	<0.026	.6	.6	0.71	0.70	119	117	80-120	1	20	H6

QUALITY CONTROL DATA

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

QC Batch: WETA/1487 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

METHOD BLANK: 27067

Associated Lab Samples: 403245001, 403245002, 403245003, 403245004, 403245005, 403245006, 403245007, 403245008, 403245009, 403245010, 403245011, 403245012

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Total Organic Carbon	mg/L	<1.4	2.0	

LABORATORY CONTROL SAMPLE: 27068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	100	105	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 27069 27070

Parameter	Units	403245001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Total Organic Carbon	mg/L	<1.4	100	100	101	101	101	101	80-120	.4	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 27071 27072

Parameter	Units	403277001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Total Organic Carbon	mg/L	<1.4	100	100	102	102	101	101	80-120	.4	20	

QUALIFIERS

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

H1 Analysis conducted outside the EPA method holding time.

H5 Reanalysis conducted in excess of EPA method holding time. Results confirm original analysis performed in hold time.

H6 Analysis initiated more than 15 minutes after sample collection.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

M0 Matrix spike recovery was outside laboratory control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
403245001	MW14 BR	EPA 8260	MSV/1546		
403245002	MW13 BR3	EPA 8260	MSV/1546		
403245003	MW13 BR2	EPA 8260	MSV/1546		
403245004	PW-HEISER	EPA 8260	MSV/1546		
403245005	MW18 BR2	EPA 8260	MSV/1546		
403245006	MW22 BR	EPA 8260	MSV/1546		
403245007	MW20 BR1	EPA 8260	MSV/1546		
403245008	MW3 BR2	EPA 8260	MSV/1546		
403245009	MW3 BR1	EPA 8260	MSV/1546		
403245010	MW19 BR1	EPA 8260	MSV/1546		
403245011	MW18 BR1	EPA 8260	MSV/1546		
403245012	MW20 BR2	EPA 8260	MSV/1546		
403245013	MW12	EPA 8260	MSV/1546		
403245014	MW9	EPA 8260	MSV/1546		
403245015	MW9D	EPA 8260	MSV/1546		
403245016	MW24R	EPA 8260	MSV/1546		
403245017	MW3	EPA 8260	MSV/1546		
403245018	MW3D	EPA 8260	MSV/1546		
403245019	TRIP BLANK	EPA 8260	MSV/1546		
403245001	MW14 BR	EPA 300.0	WETA/1414		
403245002	MW13 BR3	EPA 300.0	WETA/1414		
403245003	MW13 BR2	EPA 300.0	WETA/1414		
403245004	PW-HEISER	EPA 300.0	WETA/1414		
403245005	MW18 BR2	EPA 300.0	WETA/1414		
403245006	MW22 BR	EPA 300.0	WETA/1414		
403245007	MW20 BR1	EPA 300.0	WETA/1414		
403245008	MW3 BR2	EPA 300.0	WETA/1414		
403245009	MW3 BR1	EPA 300.0	WETA/1414		
403245010	MW19 BR1	EPA 300.0	WETA/1414		
403245011	MW18 BR1	EPA 300.0	WETA/1414		
403245012	MW20 BR2	EPA 300.0	WETA/1414		
403245001	MW14 BR	EPA 300.0	WETA/1415		
403245002	MW13 BR3	EPA 300.0	WETA/1415		
403245003	MW13 BR2	EPA 300.0	WETA/1415		
403245004	PW-HEISER	EPA 300.0	WETA/1415		
403245005	MW18 BR2	EPA 300.0	WETA/1415		
403245006	MW22 BR	EPA 300.0	WETA/1415		
403245007	MW20 BR1	EPA 300.0	WETA/1415		
403245008	MW3 BR2	EPA 300.0	WETA/1415		
403245009	MW3 BR1	EPA 300.0	WETA/1415		
403245010	MW19 BR1	EPA 300.0	WETA/1415		
403245011	MW18 BR1	EPA 300.0	WETA/1415		
403245012	MW20 BR2	EPA 300.0	WETA/1415		
403245001	MW14 BR	EPA 6010	ICP/1155		
403245002	MW13 BR3	EPA 6010	ICP/1155		
403245003	MW13 BR2	EPA 6010	ICP/1155		
403245004	PW-HEISER	EPA 6010	ICP/1155		

Date: 05/21/2008 04:28 PM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7397.07 TECHUMSEH MNA
Pace Project No.: 403245

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
403245005	MW18 BR2	EPA 6010	ICP/1155		
403245006	MW22 BR	EPA 6010	ICP/1155		
403245007	MW20 BR1	EPA 6010	ICP/1155		
403245008	MW3 BR2	EPA 6010	ICP/1155		
403245009	MW3 BR1	EPA 6010	ICP/1155		
403245010	MW19 BR1	EPA 6010	ICP/1155		
403245011	MW18 BR1	EPA 6010	ICP/1155		
403245012	MW20 BR2	EPA 6010	ICP/1155		
403245001	MW14 BR	HACH 8146	WET/1369		
403245002	MW13 BR3	HACH 8146	WET/1369		
403245003	MW13 BR2	HACH 8146	WET/1369		
403245004	PW-HEISER	HACH 8146	WET/1369		
403245005	MW18 BR2	HACH 8146	WET/1369		
403245006	MW22 BR	HACH 8146	WET/1369		
403245007	MW20 BR1	HACH 8146	WET/1369		
403245008	MW3 BR2	HACH 8146	WET/1369		
403245009	MW3 BR1	HACH 8146	WET/1369		
403245010	MW19 BR1	HACH 8146	WET/1369		
403245011	MW18 BR1	HACH 8146	WET/1369		
403245012	MW20 BR2	HACH 8146	WET/1369		
403245001	MW14 BR	SM 5310C	WETA/1487		
403245002	MW13 BR3	SM 5310C	WETA/1487		
403245003	MW13 BR2	SM 5310C	WETA/1487		
403245004	PW-HEISER	SM 5310C	WETA/1487		
403245005	MW18 BR2	SM 5310C	WETA/1487		
403245006	MW22 BR	SM 5310C	WETA/1487		
403245007	MW20 BR1	SM 5310C	WETA/1487		
403245008	MW3 BR2	SM 5310C	WETA/1487		
403245009	MW3 BR1	SM 5310C	WETA/1487		
403245010	MW19 BR1	SM 5310C	WETA/1487		
403245011	MW18 BR1	SM 5310C	WETA/1487		
403245012	MW20 BR2	SM 5310C	WETA/1487		

Sample Condition Upon Receipt



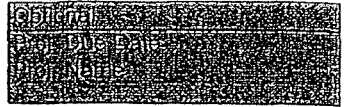
Client Name: RMT

Project # 408245

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____

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



Packing Material: Bubble Wrap Bubble Bags None Other _____

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

Cooler Temperature 201 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 4/30/08

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>48 hrs</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>in</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AA

Date: 4/30/08

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

(Please Print Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

Company Name: RMT, Inc
 Branch/Location: Madison
 Project Contact: Nate Keller
 Phone: 608-831-4444
 Project Number: 739907
 Project Name: Tecumseh MVA
 Project State: WI
 Sampled By (Print): Nate Keller
 Sampled By (Sign): [Signature]
 PO #: _____ Regulatory Program: _____



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	Y	Y	N	N														
Pick Letter	A	D	C	B														
Analysis Requested	C1/S4, Mn, Fe	Manganese	TOC	CUOCS														

Quote #: _____
 Mail To Contact: Peggy Papp
 Mail To Company: RMT, Inc
 Mail To Address: 24th Heartland Tr Madison WI 53717
 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 (billable)
 On your sample
 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	Analysis Requested	Y/N	Y	Y	N	N									CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #	
		DATE	TIME																			
001	MW14 BR	4/24/08	16:18	GW			1	1	1	3												
002	MW13 BR3		15:20																			
003	MW13 BR2		14:52																			
004	PW-Heiser		14:05																			
005	MW18 BR2		12:15																			
006	MW22 BR		7:00																			
007	MW20 BR1		8:36																			
008	MW3 BR2		13:05																			
009	MW3 BR1		12:57																			
010	MW19 BR1		10:41																			
011	MW18 BR1		11:56																			
012	MW20 BR2		9:50																			
013	MW12	4/23/08	16:50																			3-40ml

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

Transmit Prelim Rush Results by (complete what you want):
 Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: <u>[Signature]</u> Date/Time: <u>4/24/08 17:15</u>	Received By: <u>TO Fed</u> Date/Time: <u>FX</u>
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Relinquished By: <u>FEDEX</u> Date/Time: <u>4/30/08 10:05</u>	Received By: <u>[Signature]</u> Date/Time: <u>4/30/08 10:05</u>
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____

PACE Project No. 403245

Receipt Temp = 20 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

62

(Please Print Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

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

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

Y/N	Pick Letter	Analyses Requested
N	B	C UOCs
		3
		↓
		↓
		↓
		↓
		4

Quote #:		
Mail To Contact:		
Mail To Company:		
Mail To Address:	<i>see page 1</i>	
Invoice To Contact:		
Invoice To Company:		
Invoice To Address:		
Invoice To Phone:		
CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	3-40ml	
	↓	
	4-40ml	

Company Name: _____
 Branch/Location: _____
 Project Contact: _____
 Phone: _____
 Project Number: _____
 Project Name: _____
 Project State: _____
 Sampled By (Print): _____
 Sampled By (Sign): _____
 PO #: _____
 Regulatory Program: _____

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
014	MW9	4/29/08	16:05	GW
015	MW9D	↓	15:15	↓
016	MW 24R	↓	14:00	↓
017	MW3	↓	12:55	↓
018	MW3D	↓	11:40	↓
019	Trip Blank Temp Blank			

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>Matthew R Kuhn</i>	Date/Time: 4/29/08 17:15
Relinquished By: _____	Date/Time: _____
Relinquished By: <i>FCOEX</i>	Date/Time: 4/30/08 16:05
Relinquished By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____

Received By: <i>To Fed EX</i>	Date/Time: _____
Received By: _____	Date/Time: _____
Received By: <i>[Signature]</i>	Date/Time: 4/30/08 10:05
Received By: _____	Date/Time: _____
Received By: _____	Date/Time: _____

PACE Project No. **403245**

Receipt Temp = **201** °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact



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

May 21, 2008

Peggy Popp
RMT Madison
744 Heartland Trail
Madison, WI 537171934

7397.07

RE: Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Dear Peggy Popp:

Enclosed are the analytical results for sample(s) received by the laboratory on May 01, 2008. 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

REPORT OF LABORATORY ANALYSIS

Page 1 of 28

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

CERTIFICATIONS

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Green Bay Certification IDs

Florida (NELAP) Certification #: E87948
Illinois Certification #: 200050
California Certification #: 06246CA
New York Certification #: 11888
North Dakota Certification #: R-150
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 82
Louisiana Certification #: 04168

Green Bay Volatiles Certification IDs

Florida (NELAP) Certification #: E87951
California Certification #: 06247CA
Illinois Certification #: 200051
New York Certification #: 11887
North Dakota Certification #: R-200
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 83
Louisiana Certification #: 04169

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Lab ID	Sample ID	Matrix	Date Collected	Date Received
403277001	MW12BR	Water	04/30/08 09:15	05/01/08 09:35
403277002	MW26	Water	04/30/08 10:35	05/01/08 09:35
403277003	MW25	Water	04/30/08 11:25	05/01/08 09:35
403277004	TRIP BLANK	Water	04/30/08 00:00	05/01/08 12:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
403277001	MW12BR	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403277002	MW26	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403277003	MW25	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8260	JJS	54	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	AMT	1	PASI-G
403277004	TRIP BLANK	EPA 8260	JJS	54	PASI-G

REPORT OF LABORATORY ANALYSIS

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LB

PROJECT NARRATIVE

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: RMT MADISON
Date: May 21, 2008

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: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Method: EPA 8260
Description: 8260 MSV
Client: RMT MADISON
Date: May 21, 2008

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: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Method: HACH 8146
Description: Iron, Ferrous
Client: RMT MADISON
Date: May 21, 2008

General Information:

3 samples were analyzed for HACH 8146. 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.

H6: Analysis initiated more than 15 minutes after sample collection.

- MW12BR (Lab ID: 403277001)
- MW25 (Lab ID: 403277003)
- MW26 (Lab ID: 403277002)

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:

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PROJECT NARRATIVE

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Method: EPA 300.0
Description: 300.0 IC Anions 28 Days, Diss
Client: RMT MADISON
Date: May 21, 2008

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:

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PROJECT NARRATIVE

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Method: EPA 300.0
Description: 300.0 IC Anions, Dissolved
Client: RMT MADISON
Date: May 21, 2008

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.

H1: Analysis conducted outside the EPA method holding time.

- MW12BR (Lab ID: 403277001)
- MW25 (Lab ID: 403277003)
- MW26 (Lab ID: 403277002)

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: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Method: SM 5310C
Description: 5310C TOC
Client: RMT MADISON
Date: May 21, 2008

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: 73017.07 TECUMSEH MNA

Pace Project No.: 403277

Sample: MW12BR Lab ID: 403277001 Collected: 04/30/08 09:15 Received: 05/01/08 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	48.6	ug/L	5.0	0.48	1		05/02/08 16:23	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	24.9	ug/L	3.0	0.90	1		05/06/08 13:56	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/06/08 13:56	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/06/08 13:56	79-00-5	
1,1-Dichloroethane	38.9	ug/L	2.5	0.75	1		05/06/08 13:56	75-34-3	
1,1-Dichloroethene	4.2	ug/L	1.9	0.57	1		05/06/08 13:56	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/06/08 13:56	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/06/08 13:56	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/06/08 13:56	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/06/08 13:56	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/06/08 13:56	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/06/08 13:56	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/06/08 13:56	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/06/08 13:56	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/06/08 13:56	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/06/08 13:56	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/06/08 13:56	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/06/08 13:56	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/06/08 13:56	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/06/08 13:56	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/06/08 13:56	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/06/08 13:56	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/06/08 13:56	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/06/08 13:56	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/06/08 13:56	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/06/08 13:56	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/06/08 13:56	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/06/08 13:56	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/06/08 13:56	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/06/08 13:56	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/06/08 13:56	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/06/08 13:56	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/06/08 13:56	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/06/08 13:56	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/06/08 13:56	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/06/08 13:56	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/06/08 13:56	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/06/08 13:56	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/06/08 13:56	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/06/08 13:56	108-88-3	
Trichloroethene	24.6	ug/L	1.6	0.48	1		05/06/08 13:56	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/06/08 13:56	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/06/08 13:56	75-01-4	
cis-1,2-Dichloroethene	91.8	ug/L	2.8	0.83	1		05/06/08 13:56	156-59-2	

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ANALYTICAL RESULTS

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Sample: MW12BR Lab ID: 403277001 Collected: 04/30/08 09:15 Received: 05/01/08 09:35 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	6.0	1.8	1		05/06/08 13:56	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/06/08 13:56	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/06/08 13:56	103-65-1	
o-Xylene	<0.83	ug/L	2.8	0.83	1		05/06/08 13:56	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/06/08 13:56	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/06/08 13:56	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/06/08 13:56	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/06/08 13:56	156-60-5	
4-Bromofluorobenzene (S)	85	%	64-132		1		05/06/08 13:56	460-00-4	
Dibromofluoromethane (S)	98	%	68-122		1		05/06/08 13:56	1868-53-7	
Toluene-d8 (S)	96	%	73-127		1		05/06/08 13:56	2037-26-5	
Iron, Ferrous		Analytical Method: HACH 8146							
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss		Analytical Method: EPA 300.0							
Chloride	91.5	mg/L	50.0	10.6	10		05/01/08 21:59	16887-00-6	
Sulfate	90.8	mg/L	40.0	5.1	10		05/01/08 21:59	14808-79-8	
300.0 IC Anions, Dissolved		Analytical Method: EPA 300.0							
Nitrate as N	<0.085	mg/L	0.40	0.085	1		05/02/08 15:55	14797-55-8	H1
5310C TOC		Analytical Method: SM 5310C							
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 11:19	7440-44-0	

ANALYTICAL RESULTS

Project: 73017.07 TECUMSEH MNA

Pace Project No.: 403277

Sample: MW26 Lab ID: 403277002 Collected: 04/30/08 10:35 Received: 05/01/08 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	83.8	ug/L	5.0	0.48	1		05/02/08 16:34	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<2.2	ug/L	7.5	2.2	2.5		05/07/08 09:33	71-55-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	1.7	0.50	2.5		05/07/08 09:33	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	3.5	1.0	2.5		05/07/08 09:33	79-00-5	
1,1-Dichloroethane	7.3	ug/L	6.2	1.9	2.5		05/07/08 09:33	75-34-3	
1,1-Dichloroethene	3.3J	ug/L	4.7	1.4	2.5		05/07/08 09:33	75-35-4	
1,2,3-Trichlorobenzene	<1.8	ug/L	6.2	1.8	2.5		05/07/08 09:33	87-61-6	
1,2,4-Trichlorobenzene	<2.4	ug/L	8.1	2.4	2.5		05/07/08 09:33	120-82-1	
1,2,4-Trimethylbenzene	<2.4	ug/L	8.1	2.4	2.5		05/07/08 09:33	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	7.2	2.2	2.5		05/07/08 09:33	96-12-8	
1,2-Dibromoethane (EDB)	<1.4	ug/L	4.7	1.4	2.5		05/07/08 09:33	106-93-4	
1,2-Dichlorobenzene	<2.1	ug/L	6.9	2.1	2.5		05/07/08 09:33	95-50-1	
1,2-Dichloroethane	<0.90	ug/L	3.0	0.90	2.5		05/07/08 09:33	107-06-2	
1,2-Dichloropropane	<1.2	ug/L	3.8	1.2	2.5		05/07/08 09:33	78-87-5	
1,3,5-Trimethylbenzene	<2.1	ug/L	6.9	2.1	2.5		05/07/08 09:33	108-67-8	
1,3-Dichlorobenzene	<2.2	ug/L	7.2	2.2	2.5		05/07/08 09:33	541-73-1	
1,3-Dichloropropane	<1.5	ug/L	5.1	1.5	2.5		05/07/08 09:33	142-28-9	
1,4-Dichlorobenzene	<2.4	ug/L	7.9	2.4	2.5		05/07/08 09:33	106-46-7	
2,2-Dichloropropane	<1.6	ug/L	5.2	1.6	2.5		05/07/08 09:33	594-20-7	
2-Chlorotoluene	<2.1	ug/L	7.1	2.1	2.5		05/07/08 09:33	95-49-8	
4-Chlorotoluene	<1.8	ug/L	6.2	1.8	2.5		05/07/08 09:33	106-43-4	
Benzene	<1.0	ug/L	3.4	1.0	2.5		05/07/08 09:33	71-43-2	
Bromobenzene	<2.0	ug/L	6.8	2.0	2.5		05/07/08 09:33	108-86-1	
Bromodichloromethane	<1.4	ug/L	4.7	1.4	2.5		05/07/08 09:33	75-27-4	
Carbon tetrachloride	<1.2	ug/L	4.1	1.2	2.5		05/07/08 09:33	56-23-5	
Chlorobenzene	<1.0	ug/L	3.4	1.0	2.5		05/07/08 09:33	108-90-7	
Chloroethane	10.0	ug/L	8.1	2.4	2.5		05/07/08 09:33	75-00-3	
Chloroform	<0.92	ug/L	3.1	0.92	2.5		05/07/08 09:33	67-66-3	
Chloromethane	<0.60	ug/L	2.0	0.60	2.5		05/07/08 09:33	74-87-3	
Dibromochloromethane	<2.0	ug/L	6.7	2.0	2.5		05/07/08 09:33	124-48-1	
Dichlorodifluoromethane	<2.5	ug/L	8.2	2.5	2.5		05/07/08 09:33	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	2.5		05/07/08 09:33	108-20-3	
Ethylbenzene	<1.4	ug/L	4.5	1.4	2.5		05/07/08 09:33	100-41-4	
Hexachloro-1,3-butadiene	<1.7	ug/L	5.6	1.7	2.5		05/07/08 09:33	87-68-3	
Isopropylbenzene (Cumene)	<1.5	ug/L	4.9	1.5	2.5		05/07/08 09:33	98-82-8	
Methyl-tert-butyl ether	<1.5	ug/L	5.1	1.5	2.5		05/07/08 09:33	1634-04-4	
Methylene Chloride	<1.1	ug/L	3.6	1.1	2.5		05/07/08 09:33	75-09-2	
Naphthalene	<1.8	ug/L	6.2	1.8	2.5		05/07/08 09:33	91-20-3	
Tetrachloroethene	<1.1	ug/L	3.7	1.1	2.5		05/07/08 09:33	127-18-4	
Toluene	<1.7	ug/L	5.6	1.7	2.5		05/07/08 09:33	108-88-3	
Trichloroethene	39.5	ug/L	4.0	1.2	2.5		05/07/08 09:33	79-01-6	
Trichlorofluoromethane	<2.0	ug/L	6.6	2.0	2.5		05/07/08 09:33	75-69-4	
Vinyl chloride	210	ug/L	1.5	0.45	2.5		05/07/08 09:33	75-01-4	
cis-1,2-Dichloroethene	345	ug/L	6.9	2.1	2.5		05/07/08 09:33	156-59-2	

Date: 05/21/2008 04:34 PM

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ANALYTICAL RESULTS

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Sample: MW26 Lab ID: 403277002 Collected: 04/30/08 10:35 Received: 05/01/08 09:35 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	15.0	4.5	2.5		05/07/08 09:33	1330-20-7	
n-Butylbenzene	<2.3	ug/L	7.7	2.3	2.5		05/07/08 09:33	104-51-8	
n-Propylbenzene	<2.0	ug/L	6.7	2.0	2.5		05/07/08 09:33	103-65-1	
o-Xylene	<2.1	ug/L	6.9	2.1	2.5		05/07/08 09:33	95-47-6	
p-Isopropyltoluene	<1.7	ug/L	5.6	1.7	2.5		05/07/08 09:33	99-87-6	
sec-Butylbenzene	<2.2	ug/L	7.4	2.2	2.5		05/07/08 09:33	135-98-8	
tert-Butylbenzene	<2.4	ug/L	8.1	2.4	2.5		05/07/08 09:33	98-06-6	
trans-1,2-Dichloroethene	2.8J	ug/L	7.4	2.2	2.5		05/07/08 09:33	156-60-5	
4-Bromofluorobenzene (S)	83	%	64-132		2.5		05/07/08 09:33	460-00-4	
Dibromofluoromethane (S)	104	%	68-122		2.5		05/07/08 09:33	1868-53-7	
Toluene-d8 (S)	98	%	73-127		2.5		05/07/08 09:33	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss									
Analytical Method: EPA 300.0									
Chloride	72.6	mg/L	25.0	5.3	5		05/01/08 22:42	16887-00-6	
Sulfate	89.8	mg/L	20.0	2.6	5		05/01/08 22:42	14808-79-8	
300.0 IC Anions, Dissolved									
Analytical Method: EPA 300.0									
Nitrate as N	<0.085	mg/L	0.40	0.085	1		05/02/08 16:31	14797-55-8	H1
5310C TOC									
Analytical Method: SM 5310C									
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 11:40	7440-44-0	

ANALYTICAL RESULTS

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Sample: MW25 Lab ID: 403277003 Collected: 04/30/08 11:25 Received: 05/01/08 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Manganese	60.7	ug/L	5.0	0.48	1		05/02/08 16:38	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	<4.5	ug/L	15.0	4.5	5		05/07/08 09:56	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	3.3	1.0	5		05/07/08 09:56	79-34-5	
1,1,2-Trichloroethane	<2.1	ug/L	7.0	2.1	5		05/07/08 09:56	79-00-5	
1,1-Dichloroethane	<3.8	ug/L	12.5	3.8	5		05/07/08 09:56	75-34-3	
1,1-Dichloroethene	<2.8	ug/L	9.5	2.8	5		05/07/08 09:56	75-35-4	
1,2,3-Trichlorobenzene	<3.7	ug/L	12.3	3.7	5		05/07/08 09:56	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	16.2	4.8	5		05/07/08 09:56	120-82-1	
1,2,4-Trimethylbenzene	<4.8	ug/L	16.2	4.8	5		05/07/08 09:56	95-63-6	
1,2-Dibromo-3-chloropropane	<4.4	ug/L	14.5	4.4	5		05/07/08 09:56	96-12-8	
1,2-Dibromoethane (EDB)	<2.8	ug/L	9.3	2.8	5		05/07/08 09:56	106-93-4	
1,2-Dichlorobenzene	<4.2	ug/L	13.8	4.2	5		05/07/08 09:56	95-50-1	
1,2-Dichloroethane	<1.8	ug/L	6.0	1.8	5		05/07/08 09:56	107-06-2	
1,2-Dichloropropane	<2.3	ug/L	7.7	2.3	5		05/07/08 09:56	78-87-5	
1,3,5-Trimethylbenzene	<4.2	ug/L	13.8	4.2	5		05/07/08 09:56	108-67-8	
1,3-Dichlorobenzene	<4.4	ug/L	14.5	4.4	5		05/07/08 09:56	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	10.2	3.0	5		05/07/08 09:56	142-28-9	
1,4-Dichlorobenzene	<4.8	ug/L	15.8	4.8	5		05/07/08 09:56	106-46-7	
2,2-Dichloropropane	<3.1	ug/L	10.3	3.1	5		05/07/08 09:56	594-20-7	
2-Chlorotoluene	<4.2	ug/L	14.2	4.2	5		05/07/08 09:56	95-49-8	
4-Chlorotoluene	<3.7	ug/L	12.3	3.7	5		05/07/08 09:56	106-43-4	
Benzene	<2.0	ug/L	6.8	2.0	5		05/07/08 09:56	71-43-2	
Bromobenzene	<4.1	ug/L	13.7	4.1	5		05/07/08 09:56	108-86-1	
Bromodichloromethane	<2.8	ug/L	9.3	2.8	5		05/07/08 09:56	75-27-4	
Carbon tetrachloride	<2.4	ug/L	8.2	2.4	5		05/07/08 09:56	56-23-5	
Chlorobenzene	<2.0	ug/L	6.8	2.0	5		05/07/08 09:56	108-90-7	
Chloroethane	<4.8	ug/L	16.2	4.8	5		05/07/08 09:56	75-00-3	
Chloroform	<1.8	ug/L	6.2	1.8	5		05/07/08 09:56	67-66-3	
Chloromethane	<1.2	ug/L	4.0	1.2	5		05/07/08 09:56	74-87-3	
Dibromochloromethane	<4.0	ug/L	13.5	4.0	5		05/07/08 09:56	124-48-1	
Dichlorodifluoromethane	<5.0	ug/L	16.5	5.0	5		05/07/08 09:56	75-71-8	
Diisopropyl ether	<3.8	ug/L	12.7	3.8	5		05/07/08 09:56	108-20-3	
Ethylbenzene	<2.7	ug/L	9.0	2.7	5		05/07/08 09:56	100-41-4	
Hexachloro-1,3-butadiene	<3.4	ug/L	11.2	3.4	5		05/07/08 09:56	87-68-3	
Isopropylbenzene (Cumene)	<3.0	ug/L	9.8	3.0	5		05/07/08 09:56	98-82-8	
Methyl-tert-butyl ether	<3.0	ug/L	10.2	3.0	5		05/07/08 09:56	1634-04-4	
Methylene Chloride	<2.2	ug/L	7.2	2.2	5		05/07/08 09:56	75-09-2	
Naphthalene	<3.7	ug/L	12.3	3.7	5		05/07/08 09:56	91-20-3	
Tetrachloroethene	<2.2	ug/L	7.5	2.2	5		05/07/08 09:56	127-18-4	
Toluene	<3.4	ug/L	11.2	3.4	5		05/07/08 09:56	108-88-3	
Trichloroethene	354	ug/L	8.0	2.4	5		05/07/08 09:56	79-01-6	
Trichlorofluoromethane	<4.0	ug/L	13.2	4.0	5		05/07/08 09:56	75-69-4	
Vinyl chloride	<0.90	ug/L	3.0	0.90	5		05/07/08 09:56	75-01-4	
cis-1,2-Dichloroethene	4.7J	ug/L	13.8	4.2	5		05/07/08 09:56	156-59-2	

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ANALYTICAL RESULTS

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Sample: MW25 Lab ID: 403277003 Collected: 04/30/08 11:25 Received: 05/01/08 09:35 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	30.0	9.0	5		05/07/08 09:56	1330-20-7	
n-Butylbenzene	<4.6	ug/L	15.5	4.6	5		05/07/08 09:56	104-51-8	
n-Propylbenzene	<4.0	ug/L	13.5	4.0	5		05/07/08 09:56	103-65-1	
o-Xylene	<4.2	ug/L	13.8	4.2	5		05/07/08 09:56	95-47-6	
p-Isopropyltoluene	<3.4	ug/L	11.2	3.4	5		05/07/08 09:56	99-87-6	
sec-Butylbenzene	<4.4	ug/L	14.8	4.4	5		05/07/08 09:56	135-98-8	
tert-Butylbenzene	<4.8	ug/L	16.2	4.8	5		05/07/08 09:56	98-06-6	
trans-1,2-Dichloroethene	<4.4	ug/L	14.8	4.4	5		05/07/08 09:56	156-60-5	
4-Bromofluorobenzene (S)	81	%	64-132		5		05/07/08 09:56	460-00-4	
Dibromofluoromethane (S)	105	%	68-122		5		05/07/08 09:56	1868-53-7	
Toluene-d8 (S)	96	%	73-127		5		05/07/08 09:56	2037-26-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		05/01/08 09:30		H6
300.0 IC Anions 28 Days,Diss									
Analytical Method: EPA 300.0									
Chloride	28.2	mg/L	25.0	5.3	5		05/01/08 22:56	16887-00-6	B
Sulfate	92.4	mg/L	20.0	2.6	5		05/01/08 22:56	14808-79-8	
300.0 IC Anions, Dissolved									
Analytical Method: EPA 300.0									
Nitrate as N	<0.085	mg/L	0.40	0.085	1		05/02/08 16:43	14797-55-8	H1
5310C TOC									
Analytical Method: SM 5310C									
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/14/08 11:51	7440-44-0	

ANALYTICAL RESULTS

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Sample: TRIP BLANK Lab ID: 403277004 Collected: 04/30/08 00:00 Received: 05/01/08 12:30 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	3.0	0.90	1		05/06/08 14:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.20	ug/L	0.67	0.20	1		05/06/08 14:20	79-34-5	
1,1,2-Trichloroethane	<0.42	ug/L	1.4	0.42	1		05/06/08 14:20	79-00-5	
1,1-Dichloroethane	<0.75	ug/L	2.5	0.75	1		05/06/08 14:20	75-34-3	
1,1-Dichloroethene	<0.57	ug/L	1.9	0.57	1		05/06/08 14:20	75-35-4	
1,2,3-Trichlorobenzene	<0.74	ug/L	2.5	0.74	1		05/06/08 14:20	87-61-6	
1,2,4-Trichlorobenzene	<0.97	ug/L	3.2	0.97	1		05/06/08 14:20	120-82-1	
1,2,4-Trimethylbenzene	<0.97	ug/L	3.2	0.97	1		05/06/08 14:20	95-63-6	
1,2-Dibromo-3-chloropropane	<0.87	ug/L	2.9	0.87	1		05/06/08 14:20	96-12-8	
1,2-Dibromoethane (EDB)	<0.56	ug/L	1.9	0.56	1		05/06/08 14:20	106-93-4	
1,2-Dichlorobenzene	<0.83	ug/L	2.8	0.83	1		05/06/08 14:20	95-50-1	
1,2-Dichloroethane	<0.36	ug/L	1.2	0.36	1		05/06/08 14:20	107-06-2	
1,2-Dichloropropane	<0.46	ug/L	1.5	0.46	1		05/06/08 14:20	78-87-5	
1,3,5-Trimethylbenzene	<0.83	ug/L	2.8	0.83	1		05/06/08 14:20	108-67-8	
1,3-Dichlorobenzene	<0.87	ug/L	2.9	0.87	1		05/06/08 14:20	541-73-1	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	1		05/06/08 14:20	142-28-9	
1,4-Dichlorobenzene	<0.95	ug/L	3.2	0.95	1		05/06/08 14:20	106-46-7	
2,2-Dichloropropane	<0.62	ug/L	2.1	0.62	1		05/06/08 14:20	594-20-7	
2-Chlorotoluene	<0.85	ug/L	2.8	0.85	1		05/06/08 14:20	95-49-8	
4-Chlorotoluene	<0.74	ug/L	2.5	0.74	1		05/06/08 14:20	106-43-4	
Benzene	<0.41	ug/L	1.4	0.41	1		05/06/08 14:20	71-43-2	
Bromobenzene	<0.82	ug/L	2.7	0.82	1		05/06/08 14:20	108-86-1	
Bromodichloromethane	<0.56	ug/L	1.9	0.56	1		05/06/08 14:20	75-27-4	
Carbon tetrachloride	<0.49	ug/L	1.6	0.49	1		05/06/08 14:20	56-23-5	
Chlorobenzene	<0.41	ug/L	1.4	0.41	1		05/06/08 14:20	108-90-7	
Chloroethane	<0.97	ug/L	3.2	0.97	1		05/06/08 14:20	75-00-3	
Chloroform	<0.37	ug/L	1.2	0.37	1		05/06/08 14:20	67-66-3	
Chloromethane	<0.24	ug/L	0.80	0.24	1		05/06/08 14:20	74-87-3	
Dibromochloromethane	<0.81	ug/L	2.7	0.81	1		05/06/08 14:20	124-48-1	
Dichlorodifluoromethane	<0.99	ug/L	3.3	0.99	1		05/06/08 14:20	75-71-8	
Diisopropyl ether	<0.76	ug/L	2.5	0.76	1		05/06/08 14:20	108-20-3	
Ethylbenzene	<0.54	ug/L	1.8	0.54	1		05/06/08 14:20	100-41-4	
Hexachloro-1,3-butadiene	<0.67	ug/L	2.2	0.67	1		05/06/08 14:20	87-68-3	
Isopropylbenzene (Cumene)	<0.59	ug/L	2.0	0.59	1		05/06/08 14:20	98-82-8	
Methyl-tert-butyl ether	<0.61	ug/L	2.0	0.61	1		05/06/08 14:20	1634-04-4	
Methylene Chloride	<0.43	ug/L	1.4	0.43	1		05/06/08 14:20	75-09-2	
Naphthalene	<0.74	ug/L	2.5	0.74	1		05/06/08 14:20	91-20-3	
Tetrachloroethene	<0.45	ug/L	1.5	0.45	1		05/06/08 14:20	127-18-4	
Toluene	<0.67	ug/L	2.2	0.67	1		05/06/08 14:20	108-88-3	
Trichloroethene	<0.48	ug/L	1.6	0.48	1		05/06/08 14:20	79-01-6	
Trichlorofluoromethane	<0.79	ug/L	2.6	0.79	1		05/06/08 14:20	75-69-4	
Vinyl chloride	<0.18	ug/L	0.60	0.18	1		05/06/08 14:20	75-01-4	
cis-1,2-Dichloroethene	<0.83	ug/L	2.8	0.83	1		05/06/08 14:20	156-59-2	
m&p-Xylene	<1.8	ug/L	6.0	1.8	1		05/06/08 14:20	1330-20-7	
n-Butylbenzene	<0.93	ug/L	3.1	0.93	1		05/06/08 14:20	104-51-8	
n-Propylbenzene	<0.81	ug/L	2.7	0.81	1		05/06/08 14:20	103-65-1	

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ANALYTICAL RESULTS

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Sample: TRIP BLANK Lab ID: 403277004 Collected: 04/30/08 00:00 Received: 05/01/08 12:30 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	2.8	0.83	1		05/06/08 14:20	95-47-6	
p-Isopropyltoluene	<0.67	ug/L	2.2	0.67	1		05/06/08 14:20	99-87-6	
sec-Butylbenzene	<0.89	ug/L	3.0	0.89	1		05/06/08 14:20	135-98-8	
tert-Butylbenzene	<0.97	ug/L	3.2	0.97	1		05/06/08 14:20	98-06-6	
trans-1,2-Dichloroethene	<0.89	ug/L	3.0	0.89	1		05/06/08 14:20	156-60-5	
4-Bromofluorobenzene (S)	86	%	64-132		1		05/06/08 14:20	460-00-4	
Dibromofluoromethane (S)	99	%	68-122		1		05/06/08 14:20	1868-53-7	
Toluene-d8 (S)	96	%	73-127		1		05/06/08 14:20	2037-26-5	

QUALITY CONTROL DATA

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

QC Batch: WET/1369 Analysis Method: HACH 8146
QC Batch Method: HACH 8146 Analysis Description: Iron, Ferrous
Associated Lab Samples: 403277001, 403277002, 403277003

METHOD BLANK: 22606

Associated Lab Samples: 403277001, 403277002, 403277003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Iron, Ferrous	mg/L	<0.026	0.050	H6

LABORATORY CONTROL SAMPLE: 22607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	.6	0.65	108	80-120	H6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22608 22609

Parameter	Units	403245001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Ferrous	mg/L	<0.026	.6	.6	0.63	0.69	105	115	80-120	9	20	H6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22610 22611

Parameter	Units	403277001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Ferrous	mg/L	<0.026	.6	.6	0.71	0.70	119	117	80-120	1	20	H6

QUALITY CONTROL DATA

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

QC Batch: WETA/1424 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 403277001, 403277002, 403277003

METHOD BLANK: 23030

Associated Lab Samples: 403277001, 403277002, 403277003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Nitrate as N	mg/L	<0.085	0.40	

LABORATORY CONTROL SAMPLE: 23031

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	1.6	1.7	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 23032 23033

Parameter	Units	23032		23033		MS % Rec	MSD % Rec	% Rec Limits	Max		
		403277001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result				MSD Result	RPD	RPD
Nitrate as N	mg/L	<0.085	1.6	1.6	1.7	104	104	90-110	.6	20	H1

QUALITY CONTROL DATA

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

QC Batch: WETA/1425 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 403277001, 403277002, 403277003

METHOD BLANK: 23034

Associated Lab Samples: 403277001, 403277002, 403277003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chloride	mg/L	1.9J	5.0	
Sulfate	mg/L	<0.51	4.0	

LABORATORY CONTROL SAMPLE: 23035

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	21.1	106	90-110	
Sulfate	mg/L	16	17.0	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 23036 23037

Parameter	Units	403277001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result					
Chloride	mg/L	91.5	200	304	200	302	106	105	90-110	.7	20
Sulfate	mg/L	90.8	160	257	160	255	104	103	90-110	.9	20

QUALITY CONTROL DATA

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

QC Batch: ICP/1161 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 403277001, 403277002, 403277003

METHOD BLANK: 23050

Associated Lab Samples: 403277001, 403277002, 403277003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Manganese	ug/L	<0.48	5.0	

LABORATORY CONTROL SAMPLE: 23051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	ug/L	500	518	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 23052 23053

Parameter	Units	403277001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Manganese	ug/L	48.6	500	500	548	544	100	99	75-125	.7	20	

QUALITY CONTROL DATA

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

QC Batch: MSV/1559 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 403277001, 403277002, 403277003, 403277004

METHOD BLANK: 23480

Associated Lab Samples: 403277001, 403277002, 403277003, 403277004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.90	3.0	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	0.67	
1,1,2-Trichloroethane	ug/L	<0.42	1.4	
1,1-Dichloroethane	ug/L	<0.75	2.5	
1,1-Dichloroethene	ug/L	<0.57	1.9	
1,2,3-Trichlorobenzene	ug/L	<0.74	2.5	
1,2,4-Trichlorobenzene	ug/L	<0.97	3.2	
1,2,4-Trimethylbenzene	ug/L	<0.97	3.2	
1,2-Dibromo-3-chloropropane	ug/L	<0.87	2.9	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.9	
1,2-Dichlorobenzene	ug/L	<0.83	2.8	
1,2-Dichloroethane	ug/L	<0.36	1.2	
1,2-Dichloropropane	ug/L	<0.46	1.5	
1,3,5-Trimethylbenzene	ug/L	<0.83	2.8	
1,3-Dichlorobenzene	ug/L	<0.87	2.9	
1,3-Dichloropropane	ug/L	<0.61	2.0	
1,4-Dichlorobenzene	ug/L	<0.95	3.2	
2,2-Dichloropropane	ug/L	<0.62	2.1	
2-Chlorotoluene	ug/L	<0.85	2.8	
4-Chlorotoluene	ug/L	<0.74	2.5	
Benzene	ug/L	<0.41	1.4	
Bromobenzene	ug/L	<0.82	2.7	
Bromodichloromethane	ug/L	<0.56	1.9	
Carbon tetrachloride	ug/L	<0.49	1.6	
Chlorobenzene	ug/L	<0.41	1.4	
Chloroethane	ug/L	<0.97	3.2	
Chloroform	ug/L	<0.37	1.2	
Chloromethane	ug/L	<0.24	0.80	
cis-1,2-Dichloroethene	ug/L	<0.83	2.8	
Dibromochloromethane	ug/L	<0.81	2.7	
Dichlorodifluoromethane	ug/L	<0.99	3.3	
Diisopropyl ether	ug/L	<0.76	2.5	
Ethylbenzene	ug/L	<0.54	1.8	
Hexachloro-1,3-butadiene	ug/L	<0.67	2.2	
Isopropylbenzene (Cumene)	ug/L	<0.59	2.0	
m&p-Xylene	ug/L	<1.8	6.0	
Methyl-tert-butyl ether	ug/L	<0.61	2.0	
Methylene Chloride	ug/L	<0.43	1.4	
n-Butylbenzene	ug/L	<0.93	3.1	
n-Propylbenzene	ug/L	<0.81	2.7	
Naphthalene	ug/L	<0.74	2.5	
o-Xylene	ug/L	<0.83	2.8	
p-Isopropyltoluene	ug/L	<0.67	2.2	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

METHOD BLANK: 23480

Associated Lab Samples: 403277001, 403277002, 403277003, 403277004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
sec-Butylbenzene	ug/L	<0.89	3.0	
tert-Butylbenzene	ug/L	<0.97	3.2	
Tetrachloroethene	ug/L	<0.45	1.5	
Toluene	ug/L	<0.67	2.2	
trans-1,2-Dichloroethene	ug/L	<0.89	3.0	
Trichloroethene	ug/L	<0.48	1.6	
Trichlorofluoromethane	ug/L	<0.79	2.6	
Vinyl chloride	ug/L	<0.18	0.60	
4-Bromofluorobenzene (S)	%	87	64-132	
Dibromofluoromethane (S)	%	100	68-122	
Toluene-d8 (S)	%	97	73-127	

LABORATORY CONTROL SAMPLE & LCSD: 23481

23482

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	49.9	50.8	100	102	75-128	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	44.9	47.0	90	94	67-125	4	20	
1,1,2-Trichloroethane	ug/L	50	48.5	50.2	97	100	75-125	4	20	
1,1-Dichloroethane	ug/L	50	49.7	49.2	99	98	71-130	.9	20	
1,1-Dichloroethene	ug/L	50	59.2	60.2	118	120	75-125	2	20	
1,2-Dichloroethane	ug/L	50	52.1	53.0	104	106	71-132	2	20	
1,2-Dichloropropane	ug/L	50	48.4	49.8	97	100	73-125	3	20	
Benzene	ug/L	50	48.5	49.6	97	99	75-125	2	20	
Bromodichloromethane	ug/L	50	47.6	48.8	95	98	75-125	3	20	
Carbon tetrachloride	ug/L	50	54.0	54.1	108	108	75-125	.2	20	
Chlorobenzene	ug/L	50	48.8	49.8	98	100	75-125	2	20	
Chloroethane	ug/L	50	58.7	61.5	117	123	72-126	5	20	
Chloroform	ug/L	50	48.5	50.0	97	100	75-125	3	20	
Chloromethane	ug/L	50	46.9	47.5	94	95	46-143	1	20	
cis-1,2-Dichloroethene	ug/L	50	48.5	49.3	97	99	75-125	2	20	
Dibromochloromethane	ug/L	50	47.9	48.6	96	97	75-125	1	20	
Ethylbenzene	ug/L	50	49.3	50.0	99	100	75-125	1	20	
m&p-Xylene	ug/L	100	99.6	104	100	104	75-125	5	20	
Methylene Chloride	ug/L	50	57.5	57.2	115	114	75-125	.5	20	
o-Xylene	ug/L	50	48.7	49.5	97	99	75-125	2	20	
Tetrachloroethene	ug/L	50	51.2	52.7	102	105	75-130	3	20	
Toluene	ug/L	50	49.0	48.8	98	98	75-125	.3	20	
trans-1,2-Dichloroethene	ug/L	50	47.6	48.7	95	97	75-125	2	20	
Trichloroethene	ug/L	50	49.9	51.4	100	103	75-125	3	20	
Vinyl chloride	ug/L	50	53.6	55.7	107	111	65-130	4	20	
4-Bromofluorobenzene (S)	%				89	88	64-132			
Dibromofluoromethane (S)	%				101	98	68-122			
Toluene-d8 (S)	%				98	97	73-127			

QUALITY CONTROL DATA

Project: 73017.07 TECUMSEH MNA

Pace Project No.: 403277

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 23483

23484

Parameter	Units	403277001		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD	
1,1,1-Trichloroethane	ug/L	24.9	50	50	76.8	77.4	104	105	70-130	.8	30	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	50	50	43.8	46.7	88	93	70-130	6	30	
1,1,2-Trichloroethane	ug/L	<0.42	50	50	50.3	51.5	101	103	70-130	2	30	
1,1-Dichloroethane	ug/L	38.9	50	50	88.8	89.9	100	102	70-130	1	30	
1,1-Dichloroethene	ug/L	4.2	50	50	62.3	66.1	116	124	70-135	6	30	
1,2-Dichloroethane	ug/L	<0.36	50	50	53.3	53.4	107	107	70-130	.2	30	
1,2-Dichloropropane	ug/L	<0.46	50	50	48.6	49.8	97	100	70-130	2	30	
Benzene	ug/L	<0.41	50	50	49.7	50.1	99	100	70-130	.7	30	
Bromodichloromethane	ug/L	<0.56	50	50	48.2	48.6	96	97	70-130	.7	30	
Carbon tetrachloride	ug/L	<0.49	50	50	55.4	56.6	111	113	70-131	2	30	
Chlorobenzene	ug/L	<0.41	50	50	50.8	50.9	102	102	70-130	.3	30	
Chloroethane	ug/L	<0.97	50	50	61.2	61.7	122	123	67-138	.9	30	
Chloroform	ug/L	<0.37	50	50	49.7	50.8	99	102	70-130	2	30	
Chloromethane	ug/L	<0.24	50	50	48.3	48.7	97	97	43-150	1	30	
cis-1,2-Dichloroethene	ug/L	91.8	50	50	142	143	100	103	70-130	1	30	
Dibromochloromethane	ug/L	<0.81	50	50	49.7	49.6	99	99	70-130	.2	30	
Ethylbenzene	ug/L	<0.54	50	50	50.4	50.6	101	101	70-136	.4	30	
m&p-Xylene	ug/L	<1.8	100	100	103	102	103	102	70-137	.7	30	
Methylene Chloride	ug/L	<0.43	50	50	57.0	60.3	114	121	70-130	6	30	
o-Xylene	ug/L	<0.83	50	50	50.6	50.1	101	100	70-130	1	30	
Tetrachloroethene	ug/L	<0.45	50	50	52.4	51.3	105	103	70-130	2	30	
Toluene	ug/L	<0.67	50	50	50.5	50.4	101	101	70-130	.05	30	
trans-1,2-Dichloroethene	ug/L	<0.89	50	50	50.3	49.9	101	100	70-130	.7	30	
Trichloroethene	ug/L	24.6	50	50	77.5	77.5	106	106	70-130	.02	30	
Vinyl chloride	ug/L	<0.18	50	50	56.5	57.1	113	114	62-138	1	30	
4-Bromofluorobenzene (S)	%						92	90	64-132			
Dibromofluoromethane (S)	%						99	99	68-122			
Toluene-d8 (S)	%						98	100	73-127			

QUALITY CONTROL DATA

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

QC Batch: WETA/1487 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 403277001, 403277002, 403277003

METHOD BLANK: 27067

Associated Lab Samples: 403277001, 403277002, 403277003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Total Organic Carbon	mg/L	<1.4	2.0	

LABORATORY CONTROL SAMPLE: 27068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	100	105	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 27069 27070

Parameter	Units	403245001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Total Organic Carbon	mg/L	<1.4	100	100	101	101	101	101	80-120	.4	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 27071 27072

Parameter	Units	403277001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Total Organic Carbon	mg/L	<1.4	100	100	102	102	101	101	80-120	.4	20	

QUALIFIERS

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

H1 Analysis conducted outside the EPA method holding time.

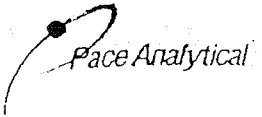
H6 Analysis initiated more than 15 minutes after sample collection.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 73017.07 TECUMSEH MNA
Pace Project No.: 403277

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
403277001	MW12BR	HACH 8146	WET/1369		
403277002	MW26	HACH 8146	WET/1369		
403277003	MW25	HACH 8146	WET/1369		
403277001	MW12BR	EPA 300.0	WETA/1424		
403277002	MW26	EPA 300.0	WETA/1424		
403277003	MW25	EPA 300.0	WETA/1424		
403277001	MW12BR	EPA 300.0	WETA/1425		
403277002	MW26	EPA 300.0	WETA/1425		
403277003	MW25	EPA 300.0	WETA/1425		
403277001	MW12BR	EPA 6010	ICP/1161		
403277002	MW26	EPA 6010	ICP/1161		
403277003	MW25	EPA 6010	ICP/1161		
403277001	MW12BR	EPA 8260	MSV/1559		
403277002	MW26	EPA 8260	MSV/1559		
403277003	MW25	EPA 8260	MSV/1559		
403277004	TRIP BLANK	EPA 8260	MSV/1559		
403277001	MW12BR	SM 5310C	WETA/1487		
403277002	MW26	SM 5310C	WETA/1487		
403277003	MW25	SM 5310C	WETA/1487		

Sample Condition Upon Receipt



Client Name: RMT

Project # 403277

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____
Tracking #: _____



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

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 2.5 ReT Biological Tissue is Frozen: Yes No
Temp should be above freezing to 6°C

Date and initials of person examining contents: 5-1-08 CF

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	5. <u>Ferrous Iron</u>
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Ferrous Iron / Nitrate</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>GW</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>CF</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

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

Person Contacted: _____ Date/Time _____

Comments/ Resolution: _____

Project Manager Review: ATI

Date: 5/1/08

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

PACE

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Rev. 3/2006 Chain of Custody Page of

Company: RMT Inc Project Contact: Nate Keller Telephone: 608-219-1687 Project Name: Tecumseh MNA Project Number: 2317.07 Project Location: Graston, WI Sampled By: Nate Keller	PACE Analytical LABORATORIES 1230 Lange Court, Baraboo, WI 53913 608-356-2760 Fax 608-356-2766 www.ctlaboratories.com	Mail Report To: Peggy Popp Company: RMT Inc Address: 744 Heartland Tr City/State/Zip: Madison, WI 53717 Invoice To: Tom Solzenburg Company: Address: See Above City/State/Zip: PO No.
Regulatory Program: UST RCRA SDWA NPDES Solid Waste Other _____	Turnaround Time Normal RUSH* Date Needed _____ *Notify Lab prior to sending in RUSH samples. Surcharges: 24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.	Lab Use Only Place Header Sticker Here.

Client Special Instructions: MS + MSD for Lab Use only no results required for RMT or Analyses Landfill License Number: _____			Filt? Y/N Y Y N N	WDNR Well ID # **Matrix: Cl ⁻ SO ₄ Nitrate Ferrous Iron Manganese TOC CVDs	Total # of Containers Preservation*	Lab ID # 403277 * Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=Encore F=Methanol G=NaOH O=Other _____			
Collection Date Time Grab/Comp	Sample ID Description	Fill in Spaces with Bottles per Test 3 each			Lab ID #				
4/30/08 9:15 G	MW 12 BR 001	GW	1	1	1	3	3-500mlp A	6-250mlp DTC	9-40ml B
↓	10:35 ↓	MW 26 002	↓	↓	↓	↓	1-500mlp	2-250mlp DTC	3-40ml B
↓	11:25 ↓	MW 25 003	↓	↓	↓	↓	↓	↓	↓
		Trip Blank 004							
		Temp Blank				2			2-40ml B
4/30/08 9:15	MW 12 BR MS 001	GW	1	1	1	3			
↓	↓	MW 12 BR MSD 001	↓	↓	↓	↓			

Relinquished By:	Date/Time	Relinquished By:	Date/Time	Ice Present <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	**Matrix S-Soil A-Air SI-Sludge M-Misc Waste GW-Groundwater SW-Surface Water WW-Wastewater DW-Drinking Water
Received by:	Date/Time	Received for Laboratory by:	Date/Time	Temperature <u>25</u> <input checked="" type="checkbox"/> <u>REL</u>	
<i>Nathan Keller</i>	4/30/08 16:15	To Fed Ex		Cooler # _____	
		<i>C. Pace</i>	5-1-08 10:00		

Relinq: Fed Ex 5-1-08 10:00

94a

94b

May 13, 2008

Peggy Popp
RMT Madison
744 Heartland Trail
Madison, WI 537171934

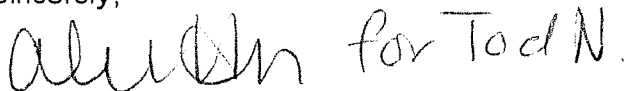
RE: Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Dear Peggy Popp:

Enclosed are the analytical results for sample(s) received by the laboratory on April 29, 2008. 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 Noltmeyer

tod.noltmeyer@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Green Bay Certification IDs

Florida (NELAP) Certification #: E87948
Illinois Certification #: 200050
California Certification #: 06246CA
New York Certification #: 11888
North Dakota Certification #: R-150
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 82
Louisiana Certification #: 04168

Green Bay Volatiles Certification IDs

Florida (NELAP) Certification #: E87951
California Certification #: 06247CA
Illinois Certification #: 200051
New York Certification #: 11887
North Dakota Certification #: R-200
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 83
Louisiana Certification #: 04169

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SAMPLE SUMMARY

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Lab ID	Sample ID	Matrix	Date Collected	Date Received
403186001	MW12	Water	04/28/08 16:50	04/29/08 09:45
403186002	MW9	Water	04/28/08 16:05	04/29/08 09:45
403186003	MW9D	Water	04/28/08 15:15	04/29/08 09:45
403186004	MW24R	Water	04/28/08 14:00	04/29/08 09:45
403186005	MW3	Water	04/28/08 12:55	04/29/08 09:45
403186006	MW3D	Water	04/28/08 11:40	04/29/08 09:45

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SAMPLE ANALYTE COUNT

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
403186001	MW12	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	CCR	1	PASI-G
403186002	MW9	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	CCR	1	PASI-G
403186003	MW9D	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	CCR	1	PASI-G
403186004	MW24R	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	CCR	1	PASI-G
403186005	MW3	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	CCR	1	PASI-G
403186006	MW3D	EPA 300.0	DDY	3	PASI-G
		EPA 6010	DLB	1	PASI-G
		HACH 8146	DEY	1	PASI-G
		SM 5310C	CCR	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: RMT MADISON
Date: May 13, 2008

General Information:

6 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:

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PROJECT NARRATIVE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Method: HACH 8146
Description: Iron, Ferrous
Client: RMT MADISON
Date: May 13, 2008

General Information:

6 samples were analyzed for HACH 8146. 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.

H6: Analysis initiated more than 15 minutes after sample collection.

- MW12 (Lab ID: 403186001)
- MW24R (Lab ID: 403186004)
- MW3 (Lab ID: 403186005)
- MW3D (Lab ID: 403186006)
- MW9 (Lab ID: 403186002)
- MW9D (Lab ID: 403186003)

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: WET/1353

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 403186001

R1: RPD value was outside control limits.

- MS (Lab ID: 21936)
 - Iron, Ferrous
- MSD (Lab ID: 21937)
 - Iron, Ferrous

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.: 403186

Method: EPA 300.0
Description: 300.0 IC Anions 28 Days, Diss
Client: RMT MADISON
Date: May 13, 2008

General Information:

6 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/1415

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 403186001, 403186002

M0: Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 22246)
 - Chloride
 - Sulfate
- MS (Lab ID: 22248)
 - Chloride
 - Sulfate
- MSD (Lab ID: 22247)
 - Chloride
 - Sulfate
- MSD (Lab ID: 22249)
 - Chloride
 - Sulfate

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.: 403186

Method: EPA 300.0
Description: 300.0 IC Anions, Dissolved
Client: RMT MADISON
Date: May 13, 2008

General Information:

6 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.

H1: Analysis conducted outside the EPA method holding time.

- MW12 (Lab ID: 403186001)
- MW24R (Lab ID: 403186004)
- MW3 (Lab ID: 403186005)
- MW3D (Lab ID: 403186006)
- MW9 (Lab ID: 403186002)
- MW9D (Lab ID: 403186003)

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/1414

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 403186001, 403186002

M0: Matrix spike recovery was outside laboratory control limits.

- MS (Lab ID: 22240)
 - Nitrate as N
- MSD (Lab ID: 22241)
 - Nitrate as N

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.: 403186

Method: SM 5310C
Description: 5310C TOC
Client: RMT MADISON
Date: May 13, 2008

General Information:

6 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.: 403186

Sample: MW12 Lab ID: 403186001 Collected: 04/28/08 16:50 Received: 04/29/08 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Manganese	9.1	ug/L	5.0	0.48	1		05/01/08 23:43	7439-96-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		04/29/08 14:30		H6,R1
300.0 IC Anions 28 Days,Diss									
Analytical Method: EPA 300.0									
Chloride	73.8	mg/L	5.0	1.1	1		04/30/08 18:43	16887-00-6	M0
Sulfate	25.1	mg/L	4.0	0.51	1		04/30/08 18:43	14808-79-8	M0
300.0 IC Anions, Dissolved									
Analytical Method: EPA 300.0									
Nitrate as N	0.18J	mg/L	0.40	0.085	1		04/30/08 18:43	14797-55-8	H1
5310C TOC									
Analytical Method: SM 5310C									
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/13/08 11:01	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Sample: MW9 Lab ID: 403186002 Collected: 04/28/08 16:05 Received: 04/29/08 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Manganese	1.1J	ug/L	5.0	0.48	1		05/01/08 23:55	7439-96-5	
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		04/29/08 14:30		H6
300.0 IC Anions 28 Days, Diss	Analytical Method: EPA 300.0								
Chloride	437	mg/L	50.0	10.6	10		05/01/08 16:19	16887-00-6	M0
Sulfate	27.9	mg/L	4.0	0.51	1		04/30/08 19:26	14808-79-8	M0
300.0 IC Anions, Dissolved	Analytical Method: EPA 300.0								
Nitrate as N	4.8	mg/L	0.40	0.085	1		04/30/08 19:26	14797-55-8	H1,M0
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	2.7	mg/L	2.0	1.4	1		05/13/08 11:05	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Sample: MW9D Lab ID: 403186003 Collected: 04/28/08 15:15 Received: 04/29/08 09:45 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Manganese	130	ug/L	5.0	0.48	1		05/01/08 23:59	7439-96-5	
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		04/29/08 14:30		H6
300.0 IC Anions 28 Days, Diss	Analytical Method: EPA 300.0								
Chloride	119	mg/L	25.0	5.3	5		05/01/08 17:02	16887-00-6	
Sulfate	86.8	mg/L	20.0	2.6	5		05/01/08 17:02	14808-79-8	
300.0 IC Anions, Dissolved	Analytical Method: EPA 300.0								
Nitrate as N	<0.085	mg/L	0.40	0.085	1		04/30/08 20:08	14797-55-8	H1
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/13/08 11:09	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Sample: MW24R **Lab ID: 403186004** Collected: 04/28/08 14:00 Received: 04/29/08 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Manganese	189	ug/L	5.0	0.48	1		05/02/08 00:03	7439-96-5	
Iron, Ferrous									
Analytical Method: HACH 8146									
Iron, Ferrous	0.13	mg/L	0.050	0.026	1		04/29/08 14:30		H6
300.0 IC Anions 28 Days,Diss									
Analytical Method: EPA 300.0									
Chloride	402	mg/L	25.0	5.3	5		05/01/08 17:16	16887-00-6	
Sulfate	20.5	mg/L	4.0	0.51	1		04/30/08 20:22	14808-79-8	
300.0 IC Anions, Dissolved									
Analytical Method: EPA 300.0									
Nitrate as N	<0.085	mg/L	0.40	0.085	1		04/30/08 20:22	14797-55-8	H1
5310C TOC									
Analytical Method: SM 5310C									
Total Organic Carbon	6.4	mg/L	2.0	1.4	1		05/13/08 11:15	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Sample: MW3	Lab ID: 403186005	Collected: 04/28/08 12:55	Received: 04/29/08 09:45	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Manganese	8.0	ug/L	5.0	0.48	1		05/02/08 00:07	7439-96-5	
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	<0.026	mg/L	0.050	0.026	1		04/29/08 14:30		H6
300.0 IC Anions 28 Days,Diss	Analytical Method: EPA 300.0								
Chloride	241	mg/L	25.0	5.3	5		05/01/08 17:30	16887-00-6	
Sulfate	21.4	mg/L	4.0	0.51	1		04/30/08 21:05	14808-79-8	
300.0 IC Anions, Dissolved	Analytical Method: EPA 300.0								
Nitrate as N	3.6	mg/L	0.40	0.085	1		04/30/08 21:05	14797-55-8	H1
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	1.9J	mg/L	2.0	1.4	1		05/13/08 11:20	7440-44-0	

ANALYTICAL RESULTS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Sample: MW3D Lab ID: 403186006 Collected: 04/28/08 11:40 Received: 04/29/08 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Manganese	115	ug/L	5.0	0.48	1		05/02/08 00:12	7439-96-5	
Iron, Ferrous	Analytical Method: HACH 8146								
Iron, Ferrous	0.15	mg/L	0.050	0.026	1		04/29/08 14:30		H6
300.0 IC Anions 28 Days,Diss	Analytical Method: EPA 300.0								
Chloride	111	mg/L	25.0	5.3	5		05/01/08 17:44	16887-00-6	
Sulfate	74.8	mg/L	20.0	2.6	5		05/01/08 17:44	14808-79-8	
300.0 IC Anions, Dissolved	Analytical Method: EPA 300.0								
Nitrate as N	<0.085	mg/L	0.40	0.085	1		04/30/08 21:19	14797-55-8	H1
5310C TOC	Analytical Method: SM 5310C								
Total Organic Carbon	<1.4	mg/L	2.0	1.4	1		05/13/08 11:29	7440-44-0	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

QC Batch: WET/1353 Analysis Method: HACH 8146
QC Batch Method: HACH 8146 Analysis Description: Iron, Ferrous
Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

METHOD BLANK: 21934

Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Iron, Ferrous	mg/L	<0.026	0.050	H6

LABORATORY CONTROL SAMPLE: 21935

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Ferrous	mg/L	.6	0.58	96	80-120	H6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 21936 21937

Parameter	Units	21936		21937		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual	
		403186001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result				MSD Result	RPD		RPD
Iron, Ferrous	mg/L	<0.026	.6	.6	0.50	0.66	83	110	80-120	28	20	H6,R1

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

QC Batch: WETA/1414 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

METHOD BLANK: 22238

Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Nitrate as N	mg/L	<0.085	0.40	

LABORATORY CONTROL SAMPLE: 22239

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	1.6	1.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22240 22241

Parameter	Units	403186002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	4.8	1.6	1.6	6.8	6.8	125	123	90-110	.4	20	H1,M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22242 22243

Parameter	Units	403186001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.18J	1.6	1.6	1.8	1.8	99	101	90-110	2	20	H1

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

QC Batch: WETA/1415 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

METHOD BLANK: 22244

Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chloride	mg/L	2.2J	5.0	
Sulfate	mg/L	<0.51	4.0	

LABORATORY CONTROL SAMPLE: 22245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.5	103	90-110	
Sulfate	mg/L	16	16.4	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22246 22247

Parameter	Units	403186001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Chloride	mg/L	73.8	20	20	97.6	97.7	119	120	90-110	.2	20	M0
Sulfate	mg/L	25.1	16	16	43.5	43.8	115	117	90-110	.7	20	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22248 22249

Parameter	Units	403186002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Chloride	mg/L	437	200	200	667	659	115	111	90-110	1	20	M0
Sulfate	mg/L	27.9	16	16	47.0	47.1	119	120	90-110	.1	20	M0

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

QC Batch: ICP/1155 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

METHOD BLANK: 22346

Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Manganese	ug/L	<0.48	5.0	

LABORATORY CONTROL SAMPLE: 22347

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	ug/L	500	508	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 22348 22349

Parameter	Units	403245001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
			Spike Conc.	Spike Conc.	Result	Result				RPD	RPD	
Manganese	ug/L	0.80J	500	500	496	503	99	100	75-125	2	20	

QUALITY CONTROL DATA

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

QC Batch: WETA/1486 Analysis Method: SM 5310C
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon
Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

METHOD BLANK: 27057

Associated Lab Samples: 403186001, 403186002, 403186003, 403186004, 403186005, 403186006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Total Organic Carbon	mg/L	<1.4	2.0	

LABORATORY CONTROL SAMPLE: 27058

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	100	96.3	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 27059 27060

Parameter	Units	1072322001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Total Organic Carbon	mg/L	2.0	100	100	101	103	99	101	80-120	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 27061 27062

Parameter	Units	403321001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Total Organic Carbon	mg/L	<1.4	100	100	99.0	101	99	101	80-120	2	20	

QUALIFIERS

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

H1 Analysis conducted outside the EPA method holding time.
H6 Analysis initiated more than 15 minutes after sample collection.
M0 Matrix spike recovery was outside laboratory control limits.
R1 RPD value was outside control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 7397.07 TECUMSEH MNA
Pace Project No.: 403186

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
403186001	MW12	HACH 8146	WET/1353		
403186002	MW9	HACH 8146	WET/1353		
403186003	MW9D	HACH 8146	WET/1353		
403186004	MW24R	HACH 8146	WET/1353		
403186005	MW3	HACH 8146	WET/1353		
403186006	MW3D	HACH 8146	WET/1353		
403186001	MW12	EPA 300.0	WETA/1414		
403186002	MW9	EPA 300.0	WETA/1414		
403186003	MW9D	EPA 300.0	WETA/1414		
403186004	MW24R	EPA 300.0	WETA/1414		
403186005	MW3	EPA 300.0	WETA/1414		
403186006	MW3D	EPA 300.0	WETA/1414		
403186001	MW12	EPA 300.0	WETA/1415		
403186002	MW9	EPA 300.0	WETA/1415		
403186003	MW9D	EPA 300.0	WETA/1415		
403186004	MW24R	EPA 300.0	WETA/1415		
403186005	MW3	EPA 300.0	WETA/1415		
403186006	MW3D	EPA 300.0	WETA/1415		
403186001	MW12	EPA 6010	ICP/1155		
403186002	MW9	EPA 6010	ICP/1155		
403186003	MW9D	EPA 6010	ICP/1155		
403186004	MW24R	EPA 6010	ICP/1155		
403186005	MW3	EPA 6010	ICP/1155		
403186006	MW3D	EPA 6010	ICP/1155		
403186001	MW12	SM 5310C	WETA/1486		
403186002	MW9	SM 5310C	WETA/1486		
403186003	MW9D	SM 5310C	WETA/1486		
403186004	MW24R	SM 5310C	WETA/1486		
403186005	MW3	SM 5310C	WETA/1486		
403186006	MW3D	SM 5310C	WETA/1486		

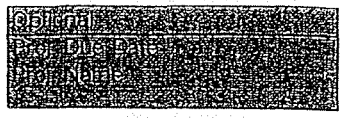


Sample Condition Upon Receipt

Client Name: RMT Project # 403186

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____



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

Packing Material: Bubble Wrap Bubble Bags None Other _____

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

Cooler Temperature NO I Biological Tissue is Frozen: Yes No

Date and initials of person examining contents: U 4/29/08

Temp should be above freezing to 6°C

Comments: _____

Chain of Custody Present.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Fe²⁺; Only 2 hrs left for # 006</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7. <u>U 4/29/08</u>
Sufficient Volume.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9. <u>70C acid in 250ml poly - U 4/29/08</u>
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>U</u> Lot # of added preservative
Samples checked for dechlorination.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: DA Date: 4/29/08

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

(Please Print Clearly)

Company Name: RMT Inc
 Branch/Location: Madison
 Project Contact: Nate Keller
 Phone: 608-831-4444
 Project Number: 7397 .07
 Project Name: Tecumseh MNA
 Project State: WI
 Sampled By (Print): Nate Keller
 Sampled By (Sign): Nathaniel Keller
 PO #:



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

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CHAIN OF CUSTODY ^{ABW}

*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	Y	Y	N															
Pick Letter	A	D	C															
Analyses Requested	Cl, SO4, Nitrate																	
	Ferric Fe																	
	Manganese																	
	TOC																	

Quote #:
 Mail To Contact: Peggy Popp
 Mail To Company: RMT, Inc
 Mail To Address: 744 Heartland Tr
Madison, WI 53717
 Invoice To Contact: Tom Stolzenberg
 Invoice To Company: RMT, Inc
 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 12	4/29/08	16:50	GW
002	MW 9		16:05	
003	MW 9D		15:15	
004	MW 24R		14:00	
005	MW 3		12:53	
006	MW 3D		11:40	

CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

1-500ml; 2-250ml ^{CL}

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: Nathaniel Keller Date/Time: 4/29/08 17:35
 Relinquished By: FULLER Date/Time: 4/29/08 9:45
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: To Fed Ex Date/Time: _____
 Received By: A. Wauw Date/Time: 4/29/08 9:45
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 403186
 Receipt Temp = 101°C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact

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PROJECT NAME:	TECUMSEH PRODUCTS COMPANY
PROJECT NUMBER:	7397.07
PROJECT MANAGER:	TOM STOLZENBURG
SITE LOCATION:	900 NORTH STREET GRAFTON, WI
DATES OF FIELDWORK:	4/28/2008 TO 4/30/2008
PURPOSE OF FIELDWORK:	FIRST ROUND OF SEMIANNUAL SAMPLING
WORK PERFORMED BY:	NATE KELLER

Nate Keller

SIGNED

5/1/08

DATE

Tom Stolzenburg

CHECKED BY

6/4/08

DATE



GENERAL NOTES

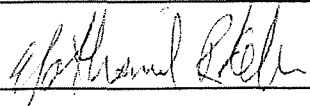
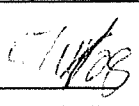
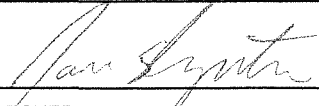
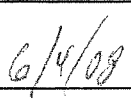
PROJECT NAME: TECUMSEH PRODUCTS COM	DATE: 4/23/08	TIME ARRIVED: 8:15
PROJECT NUMBER: 7397.07	AUTHOR: NATE KELLER	TIME LEFT: 17:30

WEATHER		
TEMPERATURE: 35-40 °F	WIND: 15-20 MPH	VISIBILITY: cloudy sun in gutter from

WORK / SAMPLING PERFORMED
- Took walk around the building to observe work locations and look @ assumptions for VI modeling
- Sampled onsite monitoring wells w/out water/samplers

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
None	N/A

COMMUNICATION		
NAME	REPRESENTING	SUBJECT / COMMENTS
Jason Smith	Tecumseh	Client showed me building, observed GW sampling
Wayne Munnigal	Tecumseh	Maintenance showed where to put water & general answers to questions

SIGNED _____ DATE _____ CHECKED BY _____ DATE _____



CALIBRATION LOG

PROJECT NAME:	TECUMSEH PRODUCTS COMPANY	MODEL: <i>Codex 135</i>	SAMPLER:	NRK
PROJECT NO.:	7397.07	SERIAL #:	DATE:	4/23/08 4/23/08

PH CALIBRATION CHECK

pH 7	pH 4 / 10	TIME
(LOT #):	(LOT #):	
(EXP. DATE):	(EXP. DATE):	
<i>7.00</i> / <i>-56.5</i>	<i>4.00</i> / <i>4mV</i>	<i>8:50</i>
<i>7.10</i> /	<i>4.10</i> /	<i>17:30</i>
/	/	
/	/	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIB. READING	TEMPERATURE	TIME
(LOT #):	(°CELSIUS)	
(EXP. DATE):		
<i>0.479</i> / <i>1456</i>	<i>9.9</i>	<i>8:31</i>
/ <i>1461</i>	<i>10.8</i>	<i>17:35</i>
/		
/		

ORP CALIBRATION CHECK

CALIB. READING	TEMPERATURE	TIME
(LOT #):	(°CELSIUS)	
(EXP. DATE):		
<i>225-250</i> / <i>242</i>	<i>242</i> / <i>10.1</i>	<i>8:37</i>
/	<i>238</i>	
/		
/		

D.O. CALIBRATION CHECK

CALIBRATION READING	TIME
(mg/L)	
<i>0.92</i>	<i>8:37</i>
<i>0.92</i>	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU)		TIME
(LOT #):	(LOT #):	
(EXP. DATE):	(EXP. DATE):	
/	/	
/	/	
/	/	
/	/	

COMMENTS	
<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #):	NOTE: IF USING STANDARD CALIBRATION SOLUTIONS LIST LOT NUMBERS AND EXPIRATION DATES UNDER APPROPRIATE CALIBRATION CHECK
(EXP. DATE):	
NOTE: LIST CALIBRATED PARAMETERS IN NOTES	

NOTES

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

SIGNED *Michael R. Riddle* DATE *4/23/08*

CHECKED BY *Sam G. [Signature]* DATE *6/4/08*



CALIBRATION LOG

PROJECT NAME:	TECUMSEH PRODUCTS COMPANY	MODEL:	Cosotech Br	SAMPLER:	NRK
PROJECT NO.:	7397.07	SERIAL #:		DATE:	7/29/08

PH CALIBRATION CHECK

pH 7		pH 4 / 10		TIME
(LOT #):	(EXP. DATE):	(LOT #):	(EXP. DATE):	
7.00	1 - 90.6	4.06	1 12	6:23
7.08	1	4.07	1	
1		1		
1		1		

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIB. READING		TEMPERATURE	TIME
(LOT #):	(EXP. DATE):	(°CELSIUS)	
0.476	1 1485	3.4	6:24
	1 1472		
1			
1			

ORP CALIBRATION CHECK

CALIB. READING	TEMPERATURE	TIME
(LOT #):	(°CELSIUS)	
235-2501242	3.5°	6:16
1236		
1		
1		

D.O. CALIBRATION CHECK

CALIBRATION READING	TIME
(mg/L)	
0.91	6:14
0.92	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU)		TIME
(LOT #):	(EXP. DATE):	
1	NA	
1		
1		
1		

COMMENTS	
<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #):	NOTE: IF USING STANDARD CALIBRATION SOLUTIONS LIST LOT NUMBERS AND EXPIRATION DATES UNDER APPROPRIATE CALIBRATION CHECK
(EXP. DATE):	
NOTE: LIST CALIBRATED PARAMETERS IN NOTES	

NOTES

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PROBLEMS ENCOUNTERED

CORRECTIVE ACTIONS

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SIGNED: Michael R. Kelly DATE: 7/29/08

CHECKED BY: Tom G. [Signature] DATE: 6/4/08



CALIBRATION LOG

PROJECT NAME:	TECUMSEH PRODUCTS COMPANY	MODEL: <i>Ceclach 93s</i>	SAMPLER: NRK
PROJECT NO.:	7397.07	SERIAL #:	DATE: <i>4/30/08</i>

PH CALIBRATION CHECK

pH 7		pH 4 / 10		TIME
(LOT #):	(EXP. DATE):	(LOT #):	(EXP. DATE):	
<i>7.00</i>	<i>1 - 55,7</i>	<i>4.00</i>	<i>1 12mV</i>	<i>8:15</i>
<i>7.08</i>	<i>1</i>	<i>4.03</i>	<i>1</i>	
<i>1</i>		<i>1</i>		
<i>1</i>		<i>1</i>		

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CALIB. READING		TEMPERATURE	TIME
(LOT #):	(EXP. DATE):	(°CELSIUS)	
<i>0.469</i>	<i>1 1475</i>	<i>4.6</i>	<i>8:10</i>
	<i>1 1483</i>		
	<i>1</i>		

ORP CALIBRATION CHECK

CALIB. READING	TEMPERATURE	TIME
(LOT #):	(°CELSIUS)	
<i>225-250 250</i>	<i>4.1</i>	<i>8:20</i>
<i>1 236</i>		
<i>1</i>		
<i>1</i>		

D.O. CALIBRATION CHECK

CALIBRATION READING	TIME
(mg/L)	
<i>0.86</i>	<i>8:19</i>

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU)		TIME
(LOT #):	(EXP. DATE):	
<i>1</i>	<i>1</i>	
<i>1</i>	<i>1</i>	
<i>1</i>	<i>1</i>	
<i>1</i>	<i>1</i>	

COMMENTS	
<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #):	NOTE: IF USING STANDARD CALIBRATION SOLUTIONS LIST LOT NUMBERS AND EXPIRATION DATES UNDER APPROPRIATE CALIBRATION CHECK
(EXP. DATE):	
NOTE: LIST CALIBRATED PARAMETERS IN NOTES	

NOTES

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PROBLEMS ENCOUNTERED

CORRECTIVE ACTIONS

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SIGNED *Michael A. Miller* DATE *4/30/08*

CHECKED BY *Sam G. [Signature]* DATE *6/4/08*



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM		PREPARED		CHECKED	
PROJECT NUMBER: 7397.07		BY: NRK	DATE: 4/24/08	BY: JRS	DATE: 6/1/08
SAMPLE ID: M2-3		WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER			
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER					
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER					
PURGING	TIME: 12:00	DATE: 4/23/08	SAMPLE	TIME: 12:55	DATE: 4/28/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Peristaltic</u> <input type="checkbox"/> BAILER		PH: 7.25		SU CONDUCTIVITY: 1343 umhos/cm	
		ORP: 176 mv		DO: 4.51 mg/L	
DEPTH TO WATER: 3.14 T/ PVC		TURBIDITY: <u>—</u> NTU			
DEPTH TO BOTTOM: NM T/ PVC		<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
WELL VOLUME: <u>—</u> <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		TEMPERATURE: 8.1 °C			
VOLUME REMOVED: 5.5 <input type="checkbox"/> LITERS <input checked="" type="checkbox"/> GALLONS		COLOR: <u>Colorless</u>		ODOR: <u>None</u>	
COLOR: <u>Colorless</u>		ODOR: <u>sulfur</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		FILTRATE COLOR: <u>Colorless</u>		FILTRATE ODOR: <u>None</u>	
		QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP			
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>5 gal</u>		COMMENTS:			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
12:00	300	7.21	1206	—	6.14	—	8.2	3.68	INITIAL
12:05	200	7.21	1204	31	6.11	—	8.3	3.68	
12:10	600	7.22	1095	64	5.72	—	8.6	3.83	
12:15	150	7.20	1052	94	6.07	—	8.7	4.40	1 gal
12:20		7.19	1109	114	6.03	—	8.8	4.39	
12:25	300	7.21	1192	136	5.68	—	8.6	4.74	2.75
12:30		7.22	1225	147	5.05	—	8.4	5.61	2.5 gal
12:35		7.22	1288	157	4.47	—	8.3	6.25	3.5
12:40		7.23	1327	162	4.25	—	8.2	6.12	
12:45		7.23	1351	168	4.11	—	8.1	5.98	

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
		A - NONE	B - HNO3	C - H2SO4	D - NaOH	E - HCL	F -			
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	400ml	91	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250	pl	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500	↓	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250	↓	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/23/08	AIRBILL NUMBER: 80531262 2311
COC NUMBER: Pro Analytical	SIGNATURE: [Signature]	DATE SIGNED: 5/1/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED:	CHECKED:
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/28/08	BY: JRS DATE: 6/4/08

SAMPLE ID: MW-30	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING TIME: 10:55	DATE: 4/28/08	SAMPLE TIME: 11:40	DATE: 4/28/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>PERISTALTIC</u>	PH: <u>6.94</u> SU	CONDUCTIVITY: <u>1136</u> umhos/cm	
<input type="checkbox"/> BAILER	ORP: <u>-172</u> mv	DO: <u>0.17</u> mg/L	
DEPTH TO WATER: <u>5.74</u> TI PVC	TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: <u>NM</u> TI PVC	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	TEMPERATURE: _____ °C		
VOLUME REMOVED: <u>3.5</u> <input type="checkbox"/> LITERS <input checked="" type="checkbox"/> GALLONS	COLOR: <u>colorless</u>	ODOR: <u>Sulfur</u>	
COLOR: <u>yellow / w black</u>	ODOR: <u>Sulfur</u>	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
TURBIDITY: _____	FILTRATE COLOR: <u>None</u>	FILTRATE ODOR: <u>None</u>	
<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP.		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>pull</u>	COMMENTS: _____		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
11:00	3.50	6.88	1134	-100	0.39	—	12.5	5.78	INITIAL
11:05		6.85	1133	-110	0.32	—	12.2	5.82	
11:10		6.87	1132	-114	0.25	—	12.4	5.82	
11:15		6.88	1130	-108	0.20	—	12.4		
11:20		6.89	1132	-138	0.19	—	12.4		
11:25		6.90	1131	-142	0.18	—	12.4		
11:30		6.92	1134	-163	0.17	—	12.5		
11:35		6.93	1133	-168	0.17	—	12.5		
11:40		6.94	1136	-172	0.17	—	12.5		3.5 gal

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES										
NUMBER	SIZE	A - NONE	B - HNO3	C - H2SO4	D - NaOH	E - HCL	F -	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40ml										F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
1	40ml										A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
1	250										B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
1	250										C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

SHIPPING METHOD: <u>Fed Ex</u>	DATE SHIPPED: <u>4/23 & 4/29/08</u>	AIRBILL NUMBER: <u>86531262</u>
COC NUMBER: <u>None Analyzed</u>	SIGNATURE: <u>Hatman</u>	DATE SIGNED: <u>5/1/08</u>



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM		PREPARED		CHECKED	
PROJECT NUMBER: 7397.07		BY: NRK	DATE: 4/29/08	BY: JRS	DATE: 6/4/08
SAMPLE ID: MW 3 B R 1		WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <i>UNKNOWN</i>			
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER					
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER					
PURGING	TIME: 12:35	DATE: 4/29/08	SAMPLE	TIME: 12:59	DATE: 4/29/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <i>150 FT</i> <input type="checkbox"/> BAILER		PH: 7.08 SU		CONDUCTIVITY: 768 umhos/cm	
		ORP: -237 mv		DO: 0.33 mg/L	
DEPTH TO WATER: _____ T/ PVC		TURBIDITY: _____ NTU			
DEPTH TO BOTTOM: _____ T/ PVC		<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS		TEMPERATURE: 13.0 °C			
VOLUME REMOVED: 6.5 L <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		COLOR: colorless		ODOR: sulfur	
COLOR: colorless		ODOR: sulfur		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
TURBIDITY: <input checked="" type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		FILTRATE COLOR: None		FILTRATE ODOR: sulfur	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <i>Other</i>		COMMENTS: _____			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
12:38	200-300	6.14	753	-279	1.33	—	12.6	—	INITIAL
12:41	No		Reading						600 ml
12:44	Variable	6.55	758	-286	0.30	—	12.9	—	1 L
12:47		6.78	764	-272	0.25	—	12.8	—	1.5 L
12:50		6.91	766	-259	0.25	—	12.8	—	2.5 L
12:53		7.00	767	-245	0.37	—	12.9	—	3.5 L
12:56		7.04	767	-242	0.29	—	13.1	—	5 L
12:59		7.08	768	-237	0.33	—	13.0	—	6.5 L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	40ml	pl	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	pl	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	50ml	pl	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	pl	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/28 & 4/29/08	AIRBILL NUMBER: 8653/26223#
COC NUMBER: <i>Env. Analytical</i>	SIGNATURE: <i>[Signature]</i>	DATE SIGNED: 5/1/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED	CHECKED
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/24/08	BY: JRS DATE: 6/14/08

SAMPLE ID: MW9-	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 1530	DATE: 4/24/08	SAMPLE	TIME: 1605	DATE: 4/29/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	Peristaltic		PH: 6.97 SU	CONDUCTIVITY: 2170 umhos/cm	
			ORP: 200 mv	DO: 3.95 mg/L	
DEPTH TO WATER: 7.74 TI PVC			TURBIDITY: — NTU		
DEPTH TO BOTTOM: NM TI PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: NM <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 7.01 °C		
VOLUME REMOVED: 10.5 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: colorless ODOR: None		
COLOR: Colorless ODOR: None			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: None FILTRATE ODOR: None		
DISPOSAL METHOD <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER Coils			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP. _____		
COMMENTS: _____					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1530	300	7.05	2740	56	6.23	—	9.3	7.85	INITIAL
1535		7.00	2510	124	5.86	—	9.1	7.85	1.5L
1540		6.99	2420	170	5.39	—	9.0	7.86	3L
1545	No Measurement taken, on phase w/ Molaine								4.5L
1550		6.98	2250	211	4.42	—	9.0	7.85	
1555		6.97	2210	218	4.25	—	9.0	7.85	
1600		6.97	2190	225	4.10	—	9.0	7.85	
1605		6.97	2170	220	3.95	—	9.0	7.85	10.5L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	40mL	G	F	<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250	J	C	<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500	J	A	<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250	J	B	<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 7/28/08	AIRBILL NUMBER: 86931262
COC NUMBER: Free Analysis	SIGNATURE: [Signature]	DATE SIGNED: 5/1/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED:	CHECKED:
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/28/08	BY: JES DATE: 6/4/08

SAMPLE ID: MW9D	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 14 ¹⁵	DATE: 4/28/08	SAMPLE	TIME: 15 ¹⁵	DATE: 4/28/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	PH: 7.13 SU		CONDUCTIVITY: 1183 umhos/cm		
DEPTH TO WATER: 7.66 T/ PVC		ORP: -85 mv		DO: 0.39 mg/L	
DEPTH TO BOTTOM: T/ PVC		TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
WELL VOLUME: LITERS GALLONS		TEMPERATURE: 11.6 °C			
VOLUME REMOVED: 15 LITERS GALLONS		COLOR: colorless		ODOR: none	
COLOR: colorless		ODOR: none		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		FILTRATE COLOR: colorless		FILTRATE ODOR: none	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER		QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP.			
COMMENTS: _____					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
14 ²⁵	3.25	7.26	1191	21	11.97	—	11.1	7.68	INITIAL
14 ³⁰		7.25	1192	67	9.79	—	11.1	7.68	
14 ³⁵		7.23	1191	33	8.52	—	11.4	7.68	
14 ⁴⁰		7.20	1184	-21	4.72	—	11.7	7.68	
14 ⁴⁵	No	Reading varied putting tubing further in hole							
14 ⁵⁰		7.17	1184	-63	6.03	—	12.4	7.69	
14 ⁵⁵		7.16	1184	-77	1.73	—	12.5	7.68	
15 ⁰⁰		7.17	1182	-75	1.86	—	11.9	7.68	
15 ⁰⁵		7.18	1182	-87	0.35	—	11.9	7.68	
15 ¹⁰		7.18	1183	-83	0.38	—	11.8	1	
15 ¹⁵		7.15	1185	-88	0.39	—	11.8	1	

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS: ~15L

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES							
NUMBER	SIZE	A - NONE	B - HNO3	C - H2SO4	D - NaOH	E - HCL	F -		
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40ml			<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml			<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	500ml			<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml			<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/28/08	AIRBILL NUMBER: 8603/2622311
COC NUMBER: Pace Analytical	SIGNATURE: [Signature]	DATE SIGNED: 5/1/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS/COM	PREPARED	CHECKED
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/28/08	BY: JMS DATE: 6/4/08

SAMPLE ID: MW-17	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 16:25	DATE: 4/28/08	SAMPLE	TIME: 16:50	DATE: 4/28/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	PVC Static		PH: 7.17 SU	CONDUCTIVITY: 769 umhos/cm	
DEPTH TO WATER: 6.50' TI PVC			ORP: 256 mv DO: 2.39 mg/L		
DEPTH TO BOTTOM: TM TI PVC			TURBIDITY: NONE NTU		
WELL VOLUME: LITERS GALLONS			TEMPERATURE: 9.0 °C		
VOLUME REMOVED: 6.25 LITERS GALLONS			COLOR: None ODOR: None		
COLOR: Colorless ODOR: None			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: NONE SLIGHT MODERATE VERY			FILTRATE COLOR: None FILTRATE ODOR: None		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP		
COMMENTS: _____					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
16:25	350	7.35	763	257	3.16	—	8.9	6.50	INITIAL
16:30		7.24	760	273	2.67	—	8.9	↓	1.25
16:35		7.20	768	278	2.50	—	8.9		2.5
16:40		7.13	771	215	2.28	—	8.9		3.75
16:45		7.17	775	247	2.78	—	9.0		5.0
16:50		7.17	769	256	2.39	—	9.0		6.25 L
16:55									
17:00									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40ml	gl	F	<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	pl	C	<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	50ml	pl	A	<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	pl	B	<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/28/08 / 4/29/08	AIRBILL NUMBER: 631260 231
COC NUMBER: Proce Analytical	SIGNATURE: [Signature]	DATE SIGNED: 5/1/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED:	CHECKED:
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/30/08	BY: JRS DATE: 6/14/08

SAMPLE ID: MW12 BR	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER 3"
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 8:50 - 9:30	DATE: 4/30/08	SAMPLE	TIME: 9:15	DATE: 4/30/08
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER	PH: 7.06	SU: 7.06	CONDUCTIVITY: 1031	umhos/cm	
DEPTH TO WATER: 6.52 TI PVC	ORP: -235	mv	DO: 0.16	mg/L	
DEPTH TO BOTTOM: NM TI PVC	TURBIDITY: NONE	NTU			
WELL VOLUME: _____ LITERS _____ GALLONS	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		TEMPERATURE: 11.2 °C		
VOLUME REMOVED: 10 LITERS _____ GALLONS	COLOR: None		ODOR: None		
COLOR: colorless	ODOR: None		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	FILTRATE COLOR: _____		FILTRATE ODOR: None		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER rock	QC SAMPLE: <input checked="" type="checkbox"/> MS/MSD <input type="checkbox"/> DUP		COMMENTS: only for lab use		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
8:50	40ml/min	6.45	1035	-86	2.11	—	11.6	6.52	INITIAL
9:35		7.06	1033	-189	0.43	—	10.6	6.92	2L
9:50		7.15	1032	-222	0.20	—	10.4		4L
9:55		7.16	1031	-229	0.18	—	11.0		5L
9:10		7.16	1031	-233	0.16	—	11.1		8L
9:15		7.18	1031	-235	0.16	—	11.2		10L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	40ml	G1	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	pl	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500ml	↓	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	2.50ml	↓	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/30/08	AIRBILL NUMBER: 43270306 6458
COC NUMBER: Price Analytical	SIGNATURE: [Signature]	DATE SIGNED: _____



WATER SAMPLE LOG

PROJECT NAME: <u>TECUMSEH PRODUCTS/COM</u>		PREPARED:		CHECKED	
PROJECT NUMBER: <u>7397.07</u>		BY: <u>NRK</u>	DATE: <u>4/29/08</u>	BY: <u>JDS</u>	DATE: <u>4/29/08</u>
SAMPLE ID: <u>MW 13 BRD</u>		WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>unt</u>			
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER					
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER					
PURGING	TIME: <u>1425</u>	DATE: <u>4/29/08</u>	SAMPLE	TIME: <u>1452</u>	DATE: <u>4/29/08</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Solinst/Waterloo</u>		PH: <u>7.18</u>		SU	CONDUCTIVITY: <u>1093</u> umhos/cm
<input type="checkbox"/> BAILER		ORP: <u>-206</u> mv		DO: <u>0.29</u> mg/L	
DEPTH TO WATER: _____ T/ PVC		TURBIDITY: _____ NTU			
DEPTH TO BOTTOM: _____ T/ PVC		<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		TEMPERATURE: <u>11.7</u> °C			
VOLUME REMOVED: <u>6</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		COLOR: <u>None</u>		ODOR: <u>Substr</u>	
COLOR: <u>colorless</u>		ODOR: <u>Substr</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		FILTRATE COLOR: <u>None</u>		FILTRATE ODOR: <u>Substr</u>	
DISPOSAL METHOD <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>other</u>		QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP			
COMMENTS: _____					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1425		7.60	1104	-214	1.90		11.6		INITIAL
1428									
1431	300ml/min	7.56	876	-141	3.56	-	10.8	-	-
1434		7.64	1019	-246	2.43	-	11.1	-	-
1437	Variable	7.21	1099	-272	0.30	-	11.5	-	-
1440		7.20	1094	-252	0.24	-	11.5	-	-
1443		7.20	1094	-238	0.31	-	11.7	-	-
1446		7.19	1098	-210	0.28	-	11.7	-	-
1449		7.18	1097	-206	0.24	-	11.6	-	-
1452		7.18	1093	-201	0.29	-	11.7	-	- 6L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	40ml	gl	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	pl	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500ml	↓	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	↓	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>Fed Ex</u>	DATE SHIPPED: <u>4/29/08</u>	AIRBILL NUMBER: <u>86531262</u> 2403
COC NUMBER: <u>Price Analysis</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/1/08</u>



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS/COM	PREPARED:	CHECKED
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/29/08	BY: JRS DATE: 6/4/08

SAMPLE ID: MW13BR3	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>Unknown</u>
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 15:05	DATE: 4/29/08	SAMPLE	TIME: 15:25	DATE: 4/29/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Solinst/Water/CO</u>			PH: 7.21	SU	CONDUCTIVITY: 917 umhos/cm
<input type="checkbox"/> BAILER			ORP: -192 mv	DO: 0.30 mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 12.0 °C		
VOLUME REMOVED: ~5.6 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>None</u>	ODOR: <u>None</u>	
COLOR: <u>None</u>	ODOR: <u>None</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: <u>None</u>	FILTRATE ODOR: <u>None</u>	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>exc</u>			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP		
COMMENTS: _____					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mv)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1507	variable	7.25	910	-258	0.63	—	11.7	—	INITIAL
1510		7.21	931	-259	0.26	—	11.9	—	
1513		7.21	936	-221	0.24	—	11.9	—	
1516		7.21	926	-214	0.26	—	11.9	—	
1519		7.21	905	-200	0.27	—	12.0	—	
1522		7.21	920	-197	0.29	—	12.1	—	
1525	↓	7.21	917	-192	0.30	—	12.0	—	~5-6L

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES											
NUMBER	SIZE	A - NONE		B - HNO3		C - H2SO4		D - NaOH		E - HCL		F - _____	
		TYPE	PRESERVATIVE	TYPE	PRESERVATIVE	TYPE	PRESERVATIVE	TYPE	PRESERVATIVE	TYPE	PRESERVATIVE	TYPE	PRESERVATIVE

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/29/08	AIRBILL NUMBER: 86531262-240
COC NUMBER: <u>Free Analytical</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: 5/1/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED	CHECKED
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/29/08	BY: JRS DATE: 6/4/08

SAMPLE ID: MW14 BR	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER 3"
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 16:00	DATE: 4/29/08	SAMPLE	TIME: 16:19	DATE: 4/29/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	PUMP: Peristaltic		PH: 7.33 SU	CONDUCTIVITY: 859 umhos/cm	
DEPTH TO WATER: 5.42' T/ PVC			ORP: 32 mv	DO: 7.32 mg/L	
DEPTH TO BOTTOM: --- T/ PVC 35.2			TURBIDITY: --- NTU		
WELL VOLUME: --- LITERS <input type="checkbox"/> GALLONS			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
VOLUME REMOVED: --- LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 9.8 °C		
COLOR: Color less			COLOR: None		
ODOR: None			ODOR: None		
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			FILTRATE COLOR: None		
			FILTRATE ODOR: None		
			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP		
			COMMENTS: _____		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
16:03	250 ml/min	7.38	855	27	7.59	—	9.9	5.54	INITIAL
16:06		7.34	857	16	7.41	—	10.0	5.52	
16:09	200	7.33	858	23	7.35	—	9.9	5.51	
16:12		7.33	858	27	7.32	—	7.8	5.52	
16:15		7.33	858	30	7.35	—	9.4	5.52	
16:18		7.33	859	32	7.32	—	9.3	5.52	
16:21									
16:24									
16:27									
16:30									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	40ml	gl	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	20ml	pl	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500ml	v	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	v	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/29/08	AIRBILL NUMBER: 86531262
COC NUMBER: Free Analytical	SIGNATURE: [Signature]	DATE SIGNED: 5/11/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED:	CHECKED:
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/29/08	BY: JRS DATE: 6/4/08

SAMPLE ID: <u>Mung BR 2</u>	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>Unknown</u>
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>12:00</u>	DATE: <u>4/29/08</u>	SAMPLE	TIME: <u>12:15</u>	DATE: <u>4/29/08</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Selinst bladder</u>			PH: <u>7.15</u> SU	CONDUCTIVITY: <u>1616</u> umhos/cm	
<input type="checkbox"/> BAILER			ORP: <u>-251</u> mv	DO: <u>1.08</u> mg/L	
DEPTH TO WATER: <u>Nm</u> T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <u>11.0</u> °C		
VOLUME REMOVED: <u>7.2</u> LITERS <input checked="" type="checkbox"/> GALLONS			COLOR: <u>None</u>	ODOR: <u>Slt Sulfur</u>	
COLOR: <u>Grey</u>	ODOR: <u>Sulfur</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: <u>None</u>	FILTRATE ODOR: <u>Sulfur</u>	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>Coke</u>			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS: _____					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
12:03	600ml	6.92	1652	-286	1.03	—	10.7	—	INITIAL
12:00		7.06	1593	-267	0.97	—	11.0	—	1.8
12:07		7.13	1607	-255	0.9	—	11.1	—	3.6
12:12		7.12	1615	-255	1.10	—	11.0	—	5.4
12:15		7.15	1616	-251	1.08	—	11.0	—	7.2
12:18									
12:21									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10 % TURB: +/- 10 % or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES							
NUMBER	SIZE	A - NONE	B - HNO3	C - H2SO4	D - NaOH	E - HCL	F -		
3	40ml	E ↔	40ml	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml	C ↔	250ml	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	500ml	A ↔	500ml	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml	D ↔	250ml	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>Fed Ex</u>	DATE SHIPPED: <u>4/29/08</u>	AIRBILL NUMBER: <u>865312622403</u>
COC NUMBER: <u>Face Study</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/7/08</u>



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS/COM		PREPARED:		CHECKED:	
PROJECT NUMBER: 7397.07		BY: NRK	DATE: 4/29/08	BY: JRS	DATE: 6/14/08
SAMPLE ID: MWB B81		WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>Unknown</u>			
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER					
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER					
PURGING	TIME: 11:28	DATE: 4/29/08	SAMPLE	TIME: 11:56	DATE: 4/29/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Solinst bladder</u>		PH: 7.28		SU	CONDUCTIVITY: 1135 umhos/cm
<input type="checkbox"/> BAILER		ORP: -68 mv		DO: 4.48	mg/L
DEPTH TO WATER: <u>NM</u> T/ PVC		TURBIDITY: _____ NTU			
DEPTH TO BOTTOM: <u>NM</u> T/ PVC		<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		TEMPERATURE: 10.8 °C			
VOLUME REMOVED: 4.5 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		COLOR: <u>Colorless</u>		ODOR: <u>None</u>	
COLOR: <u>Hg/Cy-Colorless</u>		ODOR: <u>Sulfur</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
TURBIDITY: _____		FILTRATE COLOR: <u>None</u>		FILTRATE ODOR: <u>None</u>	
<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-			
DISPOSAL METHOD <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>Cook</u>		COMMENTS:			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
11:30	300 ml/min	7.24	980	-140	6.8	—	10.2	—	INITIAL
11:33		7.28	983	-120	8.77	—	11.0	—	0.9L
11:36		7.22	1158	-95	15.78	—	11.1	—	1.8
11:37		No	Measurement	air	sputting	—	Air	—	2.7
11:47		7.36	1122	-55	6.22	—	10.7	—	3.5L
11:50			Controller is not working correctly						
11:53			Abundant flow through						
11:56		7.28	1135	-68	4.48	—	10.8	—	4.5L
11:59									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10 % TURB: +/- 10 % or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES																	
		A - NONE			B - HNO3			C - H2SO4			D - NaOH			E - HCL			F - _____		
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40ml	gl	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N															<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml	pl	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N															<input type="checkbox"/> Y <input type="checkbox"/> N
1	500ml		A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N															<input type="checkbox"/> Y <input type="checkbox"/> N
1	500ml		B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N															<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>Fed Ex</u>	DATE SHIPPED: <u>4/29/08</u>	AIRBILL NUMBER: <u>36532622403</u>
COC NUMBER: <u>Part analytical</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/7/08</u>



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED:	CHECKED:
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/29/08	BY: JMS DATE: 6/4/08

SAMPLE ID: MW19 BR1	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>unknown</u>
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 1030	DATE: 4/29/08	SAMPLE	TIME: 1041	DATE: 4/29/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>against bladder</u>			PH: 7.35 SU	CONDUCTIVITY: 298 umhos/cm	
<input type="checkbox"/> BAILER			ORP: -190 mv	DO: 0.30 mg/L	
DEPTH TO WATER: <u> </u> T/ PVC			TURBIDITY: <u> </u> NTU		
DEPTH TO BOTTOM: <u> </u> T/ PVC			<input checked="" type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <u> </u> <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 10.4 °C		
VOLUME REMOVED: <u>3</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>colorless</u>	ODOR: <u>None</u>	
COLOR: <u>colorless</u>	ODOR: <u>None</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: <u>None</u>	FILTRATE ODOR: <u>None</u>	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>Cecket</u>			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS: <u> </u>					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1030	150	7.23	864	-263	1.43	-	10.0	-	INITIAL
1033		7.23	860	-260	0.91	-	10.1	-	0.45
1036		7.40	277	-230	0.20	-	10.8	-	0.9
1039		7.37	265	-198	0.23	-	10.3	-	1.35
1033		Av in cell			Av		in cell	-	1.8
1035		7.37	290	-193	0.25	-	10.4	-	2.25
1038		7.34	310	-188	0.42	-	10.4	-	2.7
1041	✓	7.35	298	-190	0.30	-	10.4	-	3.15

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES							
NUMBER	SIZE	A - NONE	B - HNO3	C - H2SO4	D - NaOH	E - HCL	F -		
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40ml	EB	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml	PL	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	50ml	J	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml	J	D	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/29/08	AIRBILL NUMBER: 8653 262 2463
COC NUMBER: PACE	SIGNATURE: <u>Mathew J. [Signature]</u>	DATE SIGNED: 5/7/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED	CHECKED
PROJECT NUMBER: 7397.07	BY: NRK DATE:	BY: JRS DATE: 8/9/02

Does NOT work
 Pump does NOT work
 No water comes out

SAMPLE ID: MW19 BR2	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 1045	DATE:	SAMPLE	TIME:	DATE:
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mv	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C		
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____ ODOR: _____		
COLOR: _____ ODOR: _____			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____ FILTRATE ODOR: _____		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
No Sample Pump does Not Work									
INITIAL									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10 % TURB: +/- 10 % or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES																	
NUMBER	SIZE	A - NONE			B - HNO3			C - H2SO4			D - NaOH			E - HCL			F - _____		
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: _____	DATE SHIPPED: _____	AIRBILL NUMBER: _____
COC NUMBER: _____	SIGNATURE: _____	DATE SIGNED: _____

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WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED:	CHECKED:
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/21/08	BY: JDS DATE: 6/4/08

SAMPLE ID: MW20BR L	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER	Unknown
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER		
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER		

PURGING	TIME: 8 ¹⁵	DATE: 4/22/08	SAMPLE	TIME: 236	DATE: 4/29/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	Solinst		PH: 8.13	SU	CONDUCTIVITY: 987 umhos/cm
			ORP: -134 mv	DO: 1.80 mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 9.0 °C		
VOLUME REMOVED: 1.8 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: V. High	ODOR: V. SH Sulfur	
COLOR: dk grey / lg grey	ODOR: Sulfur	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
TURBIDITY: <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY	FILTRATE COLOR: None		FILTRATE ODOR: SH Sulfur		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER (Coke)	COMMENTS:				

2-6665
in well
4/29

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
8:17	120ml	8.05	1073	-191	4.78	—	9.0	—	INITIAL
8:20		7.85	1052	-209	3.51	—	8.9	—	0.3
8:23		7.71	1449	-178	2.36	—	9.5	—	0.6
8:29		8.07	1101	-167	2.86	—	9.1	—	0.9
8:33	833	8.17	1006	-127	5.93	—	8.4	—	1.5
8:36	836	8.13	987	-134	5.88	—	9.0	—	1.8

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES							
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40ml	PL	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml	PL	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	50ml	↓	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml	↓	D	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/24/08	AIRBILL NUMBER: 8653 662 2403
COC NUMBER: PACE Puro	SIGNATURE: [Signature]	DATE SIGNED: 5/7/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED	CHECKED
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/29/08	BY: JDS DATE: 6/4/08

SAMPLE ID: MW20 BR 2	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>Unknown</u>
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 9:15	DATE: 4/29/08	SAMPLE	TIME: 9:50	DATE: 4/29/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Salmst Bladder</u>	PH: 6.93 SU		CONDUCTIVITY: 1554 umhos/cm		
<input type="checkbox"/> BAILER	ORP: -270 mv		DO: 0.34 mg/L		
DEPTH TO WATER: _____ T/ PVC	TURBIDITY: _____ NTU		<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
DEPTH TO BOTTOM: _____ T/ PVC	WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		TEMPERATURE: _____ °C		
VOLUME REMOVED: <u>6 L</u> <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>None</u>		ODOR: <u>None</u>		
COLOR: <u>yellow</u>	ODOR: <u>Sulfur</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	FILTRATE COLOR: <u>None</u>		FILTRATE ODOR: <u>None</u>		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>Cock</u>	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP		COMMENTS: _____		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
9:20	300	7.64	1256	-231	1.52	—	10.5	—	INITIAL
9:23		6.32	1050	-273	0.34	—	10.4	—	0.600
9:26		6.15	1006	-290	0.41	—	10.3	—	1.2
9:31		6.23	1084	-281	0.34	—	10.3	—	1.8
9:32		6.41	1250	-290	0.32	—	10.4	—	2.4
9:35		6.60	1421	-300	0.29	—	10.3	—	3.0
9:38		6.73	1785	-292	0.29	—	10.3	—	3.6
9:41		6.83	1525	-268	0.31	—	10.4	—	4.2
9:44		6.89	1543	-279	0.30	—	10.3	—	4.8
9:47		6.93	1551	-273	0.30	—	10.4	—	5.4

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	A - NONE	B - HNO3	C - H2SO4	D - NaOH	E - HCL	F - _____			
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	400ml	GH	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N						<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml	PL	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N						<input type="checkbox"/> Y <input type="checkbox"/> N
1	500ml	↓	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N						<input type="checkbox"/> Y <input type="checkbox"/> N
1	250ml	↓	D	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N						<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>Fed Ex</u>	DATE SHIPPED: <u>4/29/08</u>	AIRBILL NUMBER: <u>865 31263 0403</u>
COC NUMBER: <u>FACE LABS</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/7/08</u>



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED	CHECKED
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/24/09	BY: JRS DATE: 6/4/08

SAMPLE ID: 11W22 BR	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 6:27	DATE: 4/24/08	SAMPLE	TIME: 7:20	DATE: 4/24/08	
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	PUMP: Peristaltic		PH: 7.38	SU	CONDUCTIVITY: 732	umhos/cm
DEPTH TO WATER: 13.95	TI	PVC	ORP: -6	mv	DO: 1.40	mg/L
DEPTH TO BOTTOM: NM	TI	PVC	TURBIDITY: NONE	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____	<input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		TEMPERATURE: 12.0	°C		
VOLUME REMOVED: 11.25	<input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		COLOR: Colorless	ODOR: None		
COLOR: Colorless	ODOR: None		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	FILTRATE COLOR: None		FILTRATE ODOR: None			
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	Pa. 1		COMMENTS: _____			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
6:35	250	7.55	729	202	7.96	—	11.6	14.27	INITIAL
6:40	↓	7.65	726	201	7.50	—	11.7	14.37	1.25
6:45	↓	7.62	726	201	6.90	—	11.9	14.37	2.5
6:50	↓	7.61	727	76	5.07	—	11.9	14.38	3.75
6:55	↓	7.36	730	11	2.96	—	11.9	14.40	5
7:00	↓	7.35	732	1	1.60	—	11.9	14.42	6.25
7:05	↓	7.39	731	1	2.06	—	11.9	14.43	7.5
7:10	↓	7.37	730	-2	1.49	—	11.9	14.44	8.75
7:15	↓	7.38	731	-4	1.38	—	12.0	14.45	10.0
7:20	↓	7.38	732	-6	1.40	—	12.0	14.45	11.25

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES							
NUMBER	SIZE	A - NONE	B - HNO3	C - H2SO4	D - NaOH	E - HCL	F - _____		
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40ml	GL	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	20ml	PL	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	50ml	↓	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	25ml	↓	D	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/24/08	AIRBILL NUMBER: 96551262
COC NUMBER: PAPE Analy	SIGNATURE: [Signature]	DATE SIGNED: 5/7/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM		PREPARED		CHECKED	
PROJECT NUMBER: 7397.07		BY: NRK	DATE: 7/13/08	BY: JRS	DATE: 7/14/08
SAMPLE ID: <u>NAJ 24R</u>		WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER			
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER					
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER					
PURGING	TIME: <u>13¹⁵</u>	DATE: <u>4/23/08</u>	SAMPLE	TIME: <u>14⁰⁰</u>	DATE: <u>4/23/08</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>220 static</u>		PH: <u>7.08</u> SU		CONDUCTIVITY: <u>1735</u> umhos/cm	
<input type="checkbox"/> BAILER		ORP: <u>-182</u> mv		DO: <u>0.13</u> mg/L	
DEPTH TO WATER: <u>4.92</u> TI PVC		TURBIDITY: <u>—</u> NTU			
DEPTH TO BOTTOM: <u>N/A</u> TI PVC		<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
WELL VOLUME: <u>—</u> <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		TEMPERATURE: <u>10.3</u> °C			
VOLUME REMOVED: <u>10</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS		COLOR: <u>Colorless</u>		ODOR: <u>None</u>	
COLOR: <u>Colorless</u>		ODOR: <u>None</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		FILTRATE COLOR: <u>None</u>		FILTRATE ODOR: <u>None</u>	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>5-gal</u>		COMMENTS: <u>—</u>			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
13 ²⁰	270	7.09	2110	-49	0.22	—	10.4	4.94	INITIAL
13 ²⁵		7.05	2090	-90	0.15	—	10.4	4.94	1.25
13 ³⁰		7.06	2020	-116	0.14	—	10.4		2.5
13 ³⁵		7.06	1904	-136	0.13	—	10.4		3.75
13 ⁴⁰		7.07	1831	-152	0.13	—	10.4		5
13 ⁴⁵		7.07	1784	-159	0.14	—	10.4		6.25
13 ⁵⁰		7.07	1764	-177	0.15	—	10.3		7.5
13 ⁵⁵		7.08	1752	-180	0.16	—	10.3		8.75
14 ⁰⁰		7.08	1735	-182	0.13	—	10.3		10
14 ⁰⁵									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 3% ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES										
NUMBER	SIZE	A - NONE	B - HNO3	C - H2SO4	D - NaOH	E - HCL	F -	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
3	40ml										E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
1	250ml										C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
1	500ml										A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
1	500ml										D	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>Fed Ex</u>	DATE SHIPPED: <u>4/28/09/27/08</u>	AIRBILL NUMBER: <u>96531260</u>
COC NUMBER: <u>PACE A1</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/7/08</u>



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED:	CHECKED:
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/30/08	BY: JRS DATE: 6/4/08

SAMPLE ID: MW25	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 1055	DATE: 4/30/08	SAMPLE	TIME: 1125	DATE: 4/30/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Peristaltic</u>			PH: 7.18	SU	CONDUCTIVITY: 820 umhos/cm
<input type="checkbox"/> BAILER			ORP: -62 mv	DO: 0.22	mg/L
DEPTH TO WATER: 5.03 TI PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ TI PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: 11.7 °C		
VOLUME REMOVED: 6.45 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: None	ODOR: None	
COLOR: Colorless	ODOR: None	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	FILTRATE COLOR: None		FILTRATE ODOR: None		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER <u>Coiled</u>	COMMENTS: _____				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mv)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1055	250ml	7.96	812	37	1.15	—	11.3	5.13	INITIAL
1100	200ml	7.22	816	-33	0.52	—	11.4	5.11	1.25
1105	↓	7.11	815	-49	0.35	—	11.5	5.12	2.25
1110	↓	7.18	818	-45	0.32	—	11.6	5.12	3.25
1115	↓	7.17	819	-53	0.26	—	11.6	↓	4.25
1120	↓	7.18	820	-55	0.26	—	11.7	↓	5.25
1125	↓	7.18	820	-62	0.22	—	11.7	↓	6.25

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	400ml	GL	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	PL	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	500ml	↓	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	↓	D	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>Bed Ex</u>	DATE SHIPPED: <u>4/30/08</u>	AIRBILL NUMBER: <u>732703066958</u>
COC NUMBER: <u>PACE Analyt</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/7/08</u>



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS/COM	PREPARED:	CHECKED:
PROJECT NUMBER: 7397.07	BY: NRK DATE: 4/30/08	BY: JRS DATE: 4/4/08

SAMPLE ID: MW26	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 10:15	DATE: 4/30/08	SAMPLE	TIME: 10:35	DATE: 4/30/08
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	PUMP: 1215 stall		PH: 7.09	SU	CONDUCTIVITY: 970 umhos/cm
DEPTH TO WATER: 9.29 TI PVC			ORP: -164 mv DO: 0.18 mg/L		
DEPTH TO BOTTOM: NM TI PVC			TURBIDITY: _____ NTU		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
VOLUME REMOVED: 4 LITERS <input checked="" type="checkbox"/> GALLONS			TEMPERATURE: 15.0 °C		
COLOR: Grey to colorless			COLOR: None		
ODOR: Sulfur			ODOR: S/H Sulfur		
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			FILTRATE COLOR: None		
			FILTRATE ODOR: S/H Sulfur		
			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
10:15	200ml/min	7.10	426	-128	1.01	—	14.9	9.43	INITIAL
10:20	↓	7.11	912	-151	0.25	—	15.0	9.43	1
10:25	↓	7.09	954	-156	0.20	—	15.0	9.43	2
10:30	↓	7.09	960	-161	0.18	—	15.0	↓	3
10:35	↓	7.09	970	-164	0.19	—	15.0	↓	4
10:40	↓								

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

PH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	40ml	G1	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	P1	D	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	90ml	↓	A	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250ml	↓	D	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 4/30/08	AIRBILL NUMBER: 93270306968
COC NUMBER: HCE Analyt.	SIGNATURE: [Signature]	DATE SIGNED: 5/7/08



WATER SAMPLE LOG

PROJECT NAME: TECUMSEH PRODUCTS COM	PREPARED:	CHECKED
PROJECT NUMBER: 7397.07	BY: NRK	DATE: 4/29/08

SAMPLE ID: <u>FW - Kaiser</u>	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input checked="" type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input checked="" type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

Unfiltered

PURGING TIME: <u>1350</u> DATE: <u>4/29/08</u>	SAMPLE TIME: <u>1405</u> DATE: <u>4/29/08</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>3-10GPM</u>	PH: <u>7.78</u> SU CONDUCTIVITY: <u>715</u> umhos/cm
<input type="checkbox"/> BAILER	ORP: <u>-101</u> mv DO: <u>6.35</u> mg/L
DEPTH TO WATER: _____ T/ PVC	TURBIDITY: _____ NTU
DEPTH TO BOTTOM: _____ T/ PVC	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY
WELL VOLUME: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	TEMPERATURE: <u>10.2</u> °C
VOLUME REMOVED: _____ <input type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>Colorless</u> ODOR: <u>Colorless</u>
COLOR: <u>Colorless</u> ODOR: <u>None</u>	FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
TURBIDITY: <input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	FILTRATE COLOR: _____ FILTRATE ODOR: _____
DISPOSAL METHOD: <input checked="" type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP
COMMENTS:	

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
NA									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- ORP: +/- 10 D.O.: +/- 10% TURB: +/- 10% or <= 5 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
3	40mL	G1	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250mL	P1	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	40mL	↓	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
1	250mL	↓	O	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>4/29/08</u>	AIRBILL NUMBER: <u>36536622403</u>
COC NUMBER: <u>FACE Analy</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>5/7/08</u>

Company: RMT Inc
 Project Contact: *Nate Keller*
 Telephone: *608-219-1687*
 Project Name: *Tecumseh MNA*
 Project Number: *7397.07*
 Project Location: *Grafton, WI*
 Sampled By: *Nate Keller*

PACE Analytical
~~CT LABORATORIES~~

1230 Lange Court, Baraboo, WI 53913
 608-356-2760 Fax: 608-356-2766
 www.ctlaboratories.com

Mail Report To: *Peggy Kopp*
 Company: *RMT Inc*
 Address: *744 Hawthorn Tr*
 City/State/Zip: *Madison, WI 53717*
 Invoice To: *Tom Solzenburg*
 Company:
 Address: *See Above*
 City/State/Zip:

Turnaround Time
 Normal RUSH*
 Date Needed _____
 *Notify Lab prior to sending in RUSH samples. Surcharges:
 24 hr 200% 2-3 days 100% 4-9 days 50%,
 subject to change without notice.

Lab Use Only
 Place Header Sticker Here:

Regulatory Program:
 UST RCRA SDWA NPDES
 Solid Waste Other _____

PO No. _____

Client Special Instructions:
MS + MSD for Lab Use only no results required by RMT or Analyses
 Landfill License Number: _____

WDR Well ID #	**Matrix:	Chloride	Sulfate	Nitrate	Ferrous Iron	Manganese	TOC	Chlorides	Total # of Containers	Preservation*	* Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=Encore F=Methanol G=NaOH O=Other _____

Collection		Grab/Comp	Sample ID Description	Fill in Spaces with Bottles per Test							Lab ID #
Date	Time										
4/30/08	9:15	G	MW 12 BR	GW	1	1	1	3			
↓	10:35	↓	MW 26	↓	↓	↓	↓	↓			
↓	11:25	↓	MW 35	↓	↓	↓	↓	↓			
			ICG Blank								
			Temp Blank					2			
4/30/08	9:15		MW 13 BR MS	GW	1	1	1	3			
↓	↓		MW 12 BR MSD	↓	↓	↓	↓	↓			

Ref: 7397.07
 Date: 04/30/2008
 Dep: Wgt: 50.4 LBS
 SHIPPING: 41.72
 SPECIAL: 17.34
 HANDLING: 0.00
 DV: 1500.00 TOTAL: 59.06

Svcs: PRIORITY OVERNIGHT DSR
 TRCK: 9327 0306 6458

Relinquished By: *Nathan Keller* Date/Time: *4/30/08 10:15*
 Relinquished By: *To Fed Ex*
 Received by: *[Signature]* Date/Time: _____
 Received for Laboratory by: _____ Date/Time: _____

Ice Present Yes No
 Temperature _____
 Cooler # _____

**Matrix
 S-Soil A-Air SI-Sludge M-Misc Waste
 GW-Groundwater SW-Surface Water
 WW-Wastewater DW-Drinking Water

PACE

Attachment 2

References

References

- RMT, Inc. 2007. Workplan for monitored natural attenuation demonstration: Tecumseh Products Company, Grafton, Wisconsin. December 2007.
- WDNR. 2002. Quick reference guide to natural degradation of chlorinated solvents. PUB-RR-5184. May 2002.
- Wiedemeier, T.H., et al. 1998. Technical protocol for evaluating natural attenuation of chlorinated solvents in groundwater. EPA/600/R-98/128. 1998.

