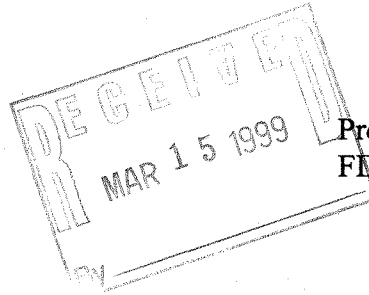


Moraine Environmental, Inc.

Environmental Management Services

February 10, 1999

Mr. John Feeney, Hydrogeologist
Wisconsin Department of Natural Resources
Southeast District - Annex Building
P.O. Box 12436
Milwaukee, WI 53212



Proj. Ref. #1177
FID#246009170

**RE: Biannual Groundwater Monitoring Results - December, 1998
Tecumseh Products Company Facility, Grafton Operation**

Dear John:

Moraine Environmental, Inc. (MEI) has been retained by the Tecumseh Products Company to provide technical field service to monitor groundwater quality on a biannual basis at the Tecumseh Products Company Grafton Operation. Consulting and engineering services continue to be provided by RMT, Inc. of Madison, Wisconsin.

This letter report was prepared to summarize the December, 1998 sampling and analysis of twelve downgradient groundwater monitoring wells and three downgradient potable residential wells for Volatile Organic Compounds (VOCs). The analytical results are summarized in tabular form and previous sample results are provided for comparison purposes.

Accordingly, the following summarization is presented:

Sample Collection Methodologies

Sample collection was performed on December 30, 1998. The following downgradient wells were purged and sampled for EPA Method 8260 VOCs analysis:

MW-3 BR(2)	MW-18 BR(1)	MW-20 BR(1)
MW-9	MW-18 BR(2)	MW-20 BR(2)
MW-12	MW-19 BR(1)	MW-21 BR(1)
MW-22 BR	MW-19 BR(2)	MW-21 BR(2)

The locations of these wells are illustrated on the enclosed figure.

Private water supply wells PW-38 (Wendtland Property), PW-5 (Raess Property), and PW-30 (Heiser Property) were also sampled for EPA 524.2 VOCs on January 8, 1999.


Groundwater samples from monitoring wells MW-9, and MW-12 were purged and sampled using new, disposable teflon bailers. Samples were transferred into 40 milliliter (ml) vials, placed into an ice-filled cooler, and transported to the laboratory (EnChem, Inc.) for analysis. The remaining monitoring wells were sampled through dedicated multi-level bladder pump systems (Solinst Waterloo) installed during well construction. VOC groundwater samples were collected, stored, transported, and analyzed for 8260 VOCs by EnChem, Inc. Laboratories in Green Bay, Wisconsin. The private wells (PW-38, PW-5, and PW-30) were sampled by allowing the cold taps to run for a minimum of fifteen minutes to allow for aquifer water to enter the system, then reducing the flow volume (removing the faucet aerators) and collecting and storing the samples. Monitoring well MW-3D was not sampled due to a snow and gravel pile above the suspected well location. Monitoring well MW-13 BR (2) could not be sampled due to a suspect mechanical defect in the dedicated sampling system.

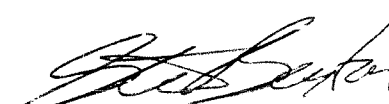
Analytical Results

All monitoring well groundwater samples were analyzed for EPA Method 8260 VOCs by EnChem, Inc. of Green Bay, Wisconsin. The analytical results are summarized on the enclosed analytical results table. The laboratory reports are enclosed as Attachment A. Tables prepared by RMT, Inc. of Madison, Wisconsin and a tables summarizing previous MEI analytical results are enclosed as Attachment B to allow for a comparison of recent analytical results with previously acquired groundwater quality data. VOCs at concentrations exceeding Wisconsin Administrative Code Chapter NR 140 Groundwater Quality Enforcement Standards were identified in monitoring wells MW-3 BR(2), MW-9, MW-12, MW-19 BR(1), MW-19 BR(2), MW-21 BR (1), and MW-21 BR(2). Preventive Action Limits were slightly exceeded in MW-18 BR (1), MW-18 BR (2), MW-20 BR (1), MW-22 BR, and the private water supply wells (PW-38 and PW-30). The analytical results were similar (slightly lower) to previously acquired analytical results.

Biannual samples will again be collected in June or July, 1999. If you have any questions or concerns regarding this letter, the monitoring methodologies or results, please call our office at (414) 377-9060.

Sincerely,
MORAINE ENVIRONMENTAL, INC.


Thomas Sweet
President


Steven Benton
Project Hydrogeologist

enc.

EAWPWINMEITEH11M1177REP4.WPD

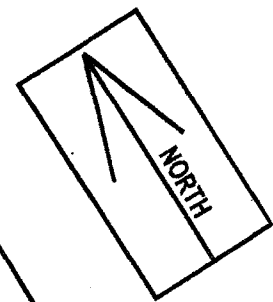
**TECUMSEH MONITORING - GRAFTON FACILITY
GROUNDWATER LABORATORY RESULTS - DECEMBER 1998
(Detected Compounds Only)**

Well Name	MW-3 BR (2)	MW-3D	MW-9	MW-12	MW-13 BR (2)	MW-18 BR (1)	MW-18 BR (2)	MW-19 BR (1)	MW-19 BR (2)	MW-20 BR (1)	MW-20 BR (2)	MW-21 BR (1)	MW-21 BR (2)	MW-22 BR	Raess Residence PW-5	Wendtland Residence PW-38	Heiser Residence PW-30	Enforcement Standards	Preventive Action Limits
Sampling Date	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	12-30-98	1-8-99	1-8-99	1-8-99		
Chloroform	<0.35	NSC	<3.5	<3.5	NSC	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.15	<0.15	1.9	6.0	0.6
1,1-Dichloroethene	<0.43	NSC	18	13	NSC	<0.43	0.81	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.15	0.18	0.22	7.0	0.7
cis-1,2-Dichloroethene	34	NSC	750	40	NSC	1.8	2.4	32	5.9	<0.28	<0.28	<0.28	<0.28	5.3	<0.16	0.19	2.4	70	7.0
trans-1,2-Dichloroethene	<0.79	NSC	8.7	<7.9	NSC	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.17	<0.17	<0.17	100	20
1,1-Dichloroethane	100	NSC	62	67	NSC	4.1	5.3	74	16	<0.35	<0.35	<0.35	<0.35	2.5	0.51	1.9	2.5	850	85
Methylene Chloride	0.79	NSC	<3.6	<3.6	NSC	0.39	0.89	0.73	1.0	0.61	0.42	0.74	0.63	1.1	0.28	0.29	0.33	5.0	0.5
Toluene	1.2	NSC	<2.7	<2.7	NSC	<0.27	0.39	<0.27	0.42	<0.27	0.27	<0.27	<0.27	<0.27	0.13	<0.13	<0.13	343	68.6
1,1,1-Trichloroethane	59	NSC	440	200	NSC	2.9	2.0	2.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	0.63	1.5	1.5	200	40
Trichloroethene	120	NSC	2100	2200	NSC	4.9	2.3	150	11	<0.37	<0.37	<0.37	<0.37	25	0.31	1.5	2.8	5.0	0.5
Vinyl Chloride	1.7	NSC	<2.0	<2.0	NSC	<0.20	<0.20	1.7	<0.20	<0.20	<0.20	0.56	0.39	<0.20	<0.16	<0.16	<0.16	0.2	0.02

KEY: NA - Not Analyzed
 NSE - No Standard Established
 Bold - Exceeds PAL
 Bold and Shaded - Exceeds ES
 ES - Enforcement Standard
 PAL - Preventive Action Limit
 All results reported in ug/l (equivalent to parts per billion)

E:\WPWIN\METEHEH110117\GW4.TBL

*Most
of well
cont. project*



PW-38 (WENDTLAND)

PW-5 (RAESS)

MW-12 BR

MW-12 PW-30 (HEISER)

MW-13 BR

MW-9

MW-3 BR

MW-3D

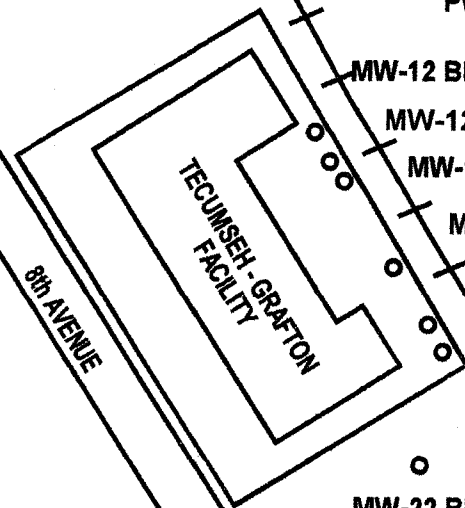
MW-22 BR

MW-18 BR

MW-19 BR

MW-20 BR

MW-21 BR



TECUMSEH-GRAFTON
FACILITY

8th AVENUE

GREEN BAY ROAD

WASHINGTON STREET

12th AVENUE

GRAFTON AVENUE

17th AVENUE

MILWAUKEE RIVER



APP. SCALE IN FEET

SAMPLED WELL LOCATIONS
TECUMSEH PRODUCTS CO., GRAFTON, WI

ATTACHMENT A
ANALYTICAL REPORTS

Company Name: Morraine Env. Inc.
 Branch or Location: Crafton, WI
 Project Contact: Steven Pank
 Telephone: (414) 377-9060
 Project Number: # 1177
 Project Name: Tecumseh
 Project Location: Crafton
 Sampled By (Print): STEVE BENDU
 Regulatory Program (circle): UST RCRA CLP SDWA
 NPDES/WPDES CAA NR _____
 Other _____
 NR720 Confirmation Analysis Required? (circle): Y N
 (En Chem will not confirm unless otherwise instructed.)



EN CHEM INC.
 1241 Bellevue St., Suite 9
 Green Bay, WI 54302
 920-469-2436 • 1-800-736-2436
 FAX 920-469-8827
 802 Deming Way
 Madison, WI 53717
 608-827-5501 • 1-888-536-2436
 Fax: 608-827-5503
 1423 N. 8th Street., Suite 122
 Superior, WI 54880
 715-392-5844 • 1-800-837-8238
 FAX 715-392-5843

CHAIN OF CUSTODY

Page 1 of 1
 P.O. # _____ Quote # _____
 Mail Report To: MEI
 Company: _____
 Address: _____
 Invoice To: MEI
 Company: _____
 Address: _____
 Mail Invoice To: MEI

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

ANALYSES REQUESTED
2060 VOLS

FIELD ID	SAMPLE DESCRIPTION	COLLECTION		FIELD SCREEN	MATRIX	SHADED AREA FOR LABORATORY USE ONLY		COMMENTS	LABORATORY NUMBER
		DATE	TIME			GOOD COND.	TOTAL BOTTLES		
	MW-3 BR (2)	1/23			NL		3		001
	MW-9								002
	MW-12								003
	MW-18 BR (1)								004
	MW-18 BR (2)								005
	MW-19 BR (1)								006
	MW-19 BR (2)								007
	MW-20 BR (1)								008
	MW-20 BR (2)								009
	MW-21 BR (1)								010
	MW-21 BR (2)								011
	MW-22 BR								012
	TRIP BLANK DUPLICATE								013

Preservation Code:
 A=None B-HCl C-H2SO4
 D-HNO3 E-EnCore F-Methanol
 G-NaOH H-Other (Indicate)

*If not using En Chem's methanol, indicate volume of methanol added and mark the appropriate samples.

Relinquished By: <u>[Signature]</u>	Date/Time: _____	Received By: <u>B. Kemper</u>	Date/Time: <u>1/4/99 1130</u>	Sample Receipt By: <u>[Signature]</u>
Relinquished By: <u>B. Kemper</u>	Date/Time: <u>1/4/99 1620</u>	Received By: _____	Date/Time: _____	Sample Receipt By: _____
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____	Sample Receipt By: _____
Relinquished By: _____	Date/Time: _____	Received By: <u>[Signature]</u>	Date/Time: <u>1/4/99 1620</u>	Sample Receipt By: _____



1795 Industrial Drive
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
FAX: 920-469-8827

- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

WI DNR LAB ID : 405132750

Client: MORAIN ENVIRONMENTAL INC

Report Date : 1/11/99

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
890009-001	MW-3 BR(2)	12/30/98			
890009-002	MW-9	12/30/98			
890009-003	MW-12	12/30/98			
890009-004	MW-18 BR(1)	12/30/98			
890009-005	MW-18 BR(2)	12/30/98			
890009-006	MW-19 BR(1)	12/30/98			
890009-007	MW-19 BR(2)	12/30/98			
890009-008	MW-20 BR(1)	12/30/98			
890009-009	MW-20 BR(2)	12/30/98			
890009-010	MW-21 BR(1)	12/30/98			
890009-011	MW-21 BR(2)	12/30/98			
890009-012	MW-22 BR	12/30/98			
890009-013	TRIP BLANK	12/30/98			
890009-014	DUPLICATE	12/30/98			

The "Q" flag is present when a parameter has been detected below the LOQ. This indicates the results are qualified due to the uncertainty of the parameter concentration between the LOD and the LOQ.

Soil VOC detects are corrected for the total solids, unless otherwise noted.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this final report is authorized by Laboratory management, as is verified by the following signature.

M. Suha

Approval Signature

011199

Date



1795 Industrial Drive
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
FAX: 920-469-8827

- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-3 BR(2)
Lab Sample Number : 890009-001
WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
Report Date : 1/6/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 1/5/99

Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/5/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/5/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/5/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/5/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/5/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/5/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/5/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/5/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/5/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/5/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/5/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/5/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/5/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/5/99	SW846 8260B
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/5/99	SW846 8260B
cis-1,2-Dichloroethene	34	0.28	0.89		ug/L		1/5/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/5/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/5/99	SW846 8260B



- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-3 BR(2)

Lab Sample Number : 890009-001

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloroethane	100	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L		1/5/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L		1/5/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L		1/5/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L		1/5/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L		1/5/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L		1/5/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
Methylene chloride	0.79	0.36	1.1	ug/L	Q	1/5/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L		1/5/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L		1/5/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L		1/5/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L		1/5/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Toluene	1.2	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L		1/5/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,1,1-Trichloroethane	59	0.30	0.96	ug/L		1/5/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L		1/5/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L		1/5/99	SW846 8260B
Trichloroethene	120	0.37	1.2	ug/L		1/5/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L		1/5/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
Vinyl chloride	1.7	0.20	0.64	ug/L		1/5/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
4-Bromofluorobenzene	114			%Recov		1/5/99	SW846 8260B
Dibromofluoromethane	123			%Recov		1/5/99	SW846 8260B



1795 Industrial Drive
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
FAX: 920-469-8827

- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-3 BR(2)
Lab Sample Number : 890009-001
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/6/99
Collection Date : 12/30/98
Matrix Type : WATER

Toluene-d8	110	%Recov	1/5/99	SW846 8260B
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1795 Industrial Drive
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
FAX: 920-469-8827

- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-9
Lab Sample Number : 890009-002
WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
Report Date : 1/7/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER			Prep Method: SW846 5030B			Prep Date: 1/6/99		Analyst: HW	
Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method	
Benzene	< 2.7	2.7	8.6		ug/L		1/6/99	SW846 8260B	
Bromobenzene	< 8.3	8.3	26		ug/L		1/6/99	SW846 8260B	
Bromochloromethane	< 4.2	4.2	13		ug/L		1/6/99	SW846 8260B	
Bromodichloromethane	< 3.0	3.0	9.6		ug/L		1/6/99	SW846 8260B	
Bromoform	< 4.4	4.4	14		ug/L		1/6/99	SW846 8260B	
Bromomethane	< 7.0	7.0	22		ug/L		1/6/99	SW846 8260B	
s-Butylbenzene	< 2.9	2.9	9.2		ug/L		1/6/99	SW846 8260B	
t-Butylbenzene	< 3.2	3.2	10		ug/L		1/6/99	SW846 8260B	
n-Butylbenzene	< 2.9	2.9	9.2		ug/L		1/6/99	SW846 8260B	
Carbon tetrachloride	< 3.4	3.4	11		ug/L		1/6/99	SW846 8260B	
Chloroform	< 3.5	3.5	11		ug/L		1/6/99	SW846 8260B	
Chlorobenzene	< 2.3	2.3	7.3		ug/L		1/6/99	SW846 8260B	
Chlorodibromomethane	< 4.2	4.2	13		ug/L		1/6/99	SW846 8260B	
Chloroethane	< 5.4	5.4	17		ug/L		1/6/99	SW846 8260B	
Chloromethane	< 6.1	6.1	19		ug/L		1/6/99	SW846 8260B	
2-Chlorotoluene	< 3.1	3.1	9.9		ug/L		1/6/99	SW846 8260B	
4-Chlorotoluene	< 3.2	3.2	10		ug/L		1/6/99	SW846 8260B	
1,2-Dibromo-3-chloropropane	< 4.1	4.1	13		ug/L		1/6/99	SW846 8260B	
1,2-Dibromoethane	< 3.9	3.9	12		ug/L		1/6/99	SW846 8260B	
Dibromomethane	< 5.3	5.3	17		ug/L		1/6/99	SW846 8260B	
1,3-Dichlorobenzene	< 3.4	3.4	11		ug/L		1/6/99	SW846 8260B	
1,4-Dichlorobenzene	< 3.0	3.0	9.6		ug/L		1/6/99	SW846 8260B	
1,2-Dichloroethane	< 3.7	3.7	12		ug/L		1/6/99	SW846 8260B	
1,2-Dichlorobenzene	< 2.5	2.5	8.0		ug/L		1/6/99	SW846 8260B	
1,1-Dichloroethene	18	4.3	14		ug/L		1/6/99	SW846 8260B	
cis-1,2-Dichloroethene	750	2.8	8.9		ug/L		1/6/99	SW846 8260B	
Dichlorodifluoromethane	< 4.7	4.7	15		ug/L		1/6/99	SW846 8260B	
trans-1,2-Dichloroethene	8.7	7.9	25		ug/L	Q	1/6/99	SW846 8260B	



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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-9
Lab Sample Number : 890009-002
WI DNR LAB ID : 405132750

Client : MORAINE ENVIRONMENTAL INC
Report Date : 1/7/99
Collection Date : 12/30/98
Matrix Type : WATER

1,2-Dichloropropane	< 3.5	3.5	11	ug/L	1/6/99	SW846 8260B
1,1-Dichloroethane	62	3.5	11	ug/L	1/6/99	SW846 8260B
1,3-Dichloropropane	< 4.2	4.2	13	ug/L	1/6/99	SW846 8260B
2,2-Dichloropropane	< 3.6	3.6	11	ug/L	1/6/99	SW846 8260B
1,1-Dichloropropene	< 8.1	8.1	26	ug/L	1/6/99	SW846 8260B
cis-1,3-Dichloropropene	< 3.2	3.2	10	ug/L	1/6/99	SW846 8260B
trans-1,3-Dichloropropene	< 4.3	4.3	14	ug/L	1/6/99	SW846 8260B
Diisopropyl ether	< 5.5	5.5	18	ug/L	1/6/99	SW846 8260B
Ethylbenzene	< 3.2	3.2	10	ug/L	1/6/99	SW846 8260B
Fluorotrichloromethane	< 2.8	2.8	8.9	ug/L	1/6/99	SW846 8260B
Hexachlorobutadiene	< 6.2	6.2	20	ug/L	1/6/99	SW846 8260B
Isopropylbenzene	< 2.6	2.6	8.3	ug/L	1/6/99	SW846 8260B
p-Isopropyltoluene	< 2.4	2.4	7.6	ug/L	1/6/99	SW846 8260B
Methylene chloride	< 3.6	3.6	11	ug/L	1/6/99	SW846 8260B
Methyl-tert-butyl-ether	< 3.2	3.2	10	ug/L	1/6/99	SW846 8260B
Naphthalene	< 3.5	3.5	11	ug/L	1/6/99	SW846 8260B
n-Propylbenzene	< 7.6	7.6	24	ug/L	1/6/99	SW846 8260B
Styrene	< 1.7	1.7	5.4	ug/L	1/6/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 6.9	6.9	22	ug/L	1/6/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 7.0	7.0	22	ug/L	1/6/99	SW846 8260B
Tetrachloroethene	< 4.3	4.3	14	ug/L	1/6/99	SW846 8260B
Toluene	< 2.7	2.7	8.6	ug/L	1/6/99	SW846 8260B
1,2,3-Trichlorobenzene	< 4.7	4.7	15	ug/L	1/6/99	SW846 8260B
1,2,4-Trichlorobenzene	< 2.7	2.7	8.6	ug/L	1/6/99	SW846 8260B
1,1,1-Trichloroethane	440	3.0	9.6	ug/L	1/6/99	SW846 8260B
1,1,2-Trichloroethane	< 6.1	6.1	19	ug/L	1/6/99	SW846 8260B
1,2,4-Trimethylbenzene	< 2.2	2.2	7.0	ug/L	1/6/99	SW846 8260B
Trichloroethene	2100	3.7	12	ug/L	1/6/99	SW846 8260B
1,2,3-Trichloropropane	< 7.5	7.5	24	ug/L	1/6/99	SW846 8260B
1,3,5-Trimethylbenzene	< 2.7	2.7	8.6	ug/L	1/6/99	SW846 8260B
Vinyl chloride	< 2.0	2.0	6.4	ug/L	1/6/99	SW846 8260B
Xylenes, -m, -p	< 4.3	4.3	14	ug/L	1/6/99	SW846 8260B
Xylene, -o	< 2.4	2.4	7.6	ug/L	1/6/99	SW846 8260B
4-Bromofluorobenzene	118			%Recov	1/6/99	SW846 8260B
Dibromofluoromethane	123			%Recov	1/6/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-9

Lab Sample Number : 890009-002

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/7/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	115	%Recov	1/6/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-12
Lab Sample Number : 890009-003
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/7/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 1/6/99

Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 2.7	2.7	8.6		ug/L		1/6/99	SW846 8260B
Bromobenzene	< 8.3	8.3	26		ug/L		1/6/99	SW846 8260B
Bromochloromethane	< 4.2	4.2	13		ug/L		1/6/99	SW846 8260B
Bromodichloromethane	< 3.0	3.0	9.6		ug/L		1/6/99	SW846 8260B
Bromoform	< 4.4	4.4	14		ug/L		1/6/99	SW846 8260B
Bromomethane	< 7.0	7.0	22		ug/L		1/6/99	SW846 8260B
s-Butylbenzene	< 2.9	2.9	9.2		ug/L		1/6/99	SW846 8260B
t-Butylbenzene	< 3.2	3.2	10		ug/L		1/6/99	SW846 8260B
n-Butylbenzene	< 2.9	2.9	9.2		ug/L		1/6/99	SW846 8260B
Carbon tetrachloride	< 3.4	3.4	11		ug/L		1/6/99	SW846 8260B
Chloroform	< 3.5	3.5	11		ug/L		1/6/99	SW846 8260B
Chlorobenzene	< 2.3	2.3	7.3		ug/L		1/6/99	SW846 8260B
Chlorodibromomethane	< 4.2	4.2	13		ug/L		1/6/99	SW846 8260B
Chloroethane	< 5.4	5.4	17		ug/L		1/6/99	SW846 8260B
Chloromethane	< 6.1	6.1	19		ug/L		1/6/99	SW846 8260B
2-Chlorotoluene	< 3.1	3.1	9.9		ug/L		1/6/99	SW846 8260B
4-Chlorotoluene	< 3.2	3.2	10		ug/L		1/6/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 4.1	4.1	13		ug/L		1/6/99	SW846 8260B
1,2-Dibromoethane	< 3.9	3.9	12		ug/L		1/6/99	SW846 8260B
Dibromomethane	< 5.3	5.3	17		ug/L		1/6/99	SW846 8260B
1,3-Dichlorobenzene	< 3.4	3.4	11		ug/L		1/6/99	SW846 8260B
1,4-Dichlorobenzene	< 3.0	3.0	9.6		ug/L		1/6/99	SW846 8260B
1,2-Dichloroethane	< 3.7	3.7	12		ug/L		1/6/99	SW846 8260B
1,2-Dichlorobenzene	< 2.5	2.5	8.0		ug/L		1/6/99	SW846 8260B
1,1-Dichloroethene	13	4.3	14		ug/L	Q	1/6/99	SW846 8260B
cis-1,2-Dichloroethene	40	2.8	8.9		ug/L		1/6/99	SW846 8260B
Dichlorodifluoromethane	< 4.7	4.7	15		ug/L		1/6/99	SW846 8260B
trans-1,2-Dichloroethene	< 7.9	7.9	25		ug/L		1/6/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-12

Lab Sample Number : 890009-003

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/7/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 3.5	3.5	11	ug/L	1/6/99	SW846 8260B
1,1-Dichloroethane	67	3.5	11	ug/L	1/6/99	SW846 8260B
1,3-Dichloropropane	< 4.2	4.2	13	ug/L	1/6/99	SW846 8260B
2,2-Dichloropropane	< 3.6	3.6	11	ug/L	1/6/99	SW846 8260B
1,1-Dichloropropene	< 8.1	8.1	26	ug/L	1/6/99	SW846 8260B
cis-1,3-Dichloropropene	< 3.2	3.2	10	ug/L	1/6/99	SW846 8260B
trans-1,3-Dichloropropene	< 4.3	4.3	14	ug/L	1/6/99	SW846 8260B
Diisopropyl ether	< 5.5	5.5	18	ug/L	1/6/99	SW846 8260B
Ethylbenzene	< 3.2	3.2	10	ug/L	1/6/99	SW846 8260B
Fluorotrchloromethane	< 2.8	2.8	8.9	ug/L	1/6/99	SW846 8260B
Hexachlorobutadiene	< 6.2	6.2	20	ug/L	1/6/99	SW846 8260B
Isopropylbenzene	< 2.6	2.6	8.3	ug/L	1/6/99	SW846 8260B
p-Isopropyltoluene	< 2.4	2.4	7.6	ug/L	1/6/99	SW846 8260B
Methylene chloride	< 3.6	3.6	11	ug/L	1/6/99	SW846 8260B
Methyl-tert-butyl-ether	< 3.2	3.2	10	ug/L	1/6/99	SW846 8260B
Naphthalene	< 3.5	3.5	11	ug/L	1/6/99	SW846 8260B
n-Propylbenzene	< 7.6	7.6	24	ug/L	1/6/99	SW846 8260B
Styrene	< 1.7	1.7	5.4	ug/L	1/6/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 6.9	6.9	22	ug/L	1/6/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 7.0	7.0	22	ug/L	1/6/99	SW846 8260B
Tetrachloroethene	< 4.3	4.3	14	ug/L	1/6/99	SW846 8260B
Toluene	< 2.7	2.7	8.6	ug/L	1/6/99	SW846 8260B
1,2,3-Trichlorobenzene	< 4.7	4.7	15	ug/L	1/6/99	SW846 8260B
1,2,4-Trichlorobenzene	< 2.7	2.7	8.6	ug/L	1/6/99	SW846 8260B
1,1,1-Trichloroethane	200	3.0	9.6	ug/L	1/6/99	SW846 8260B
1,1,2-Trichloroethane	< 6.1	6.1	19	ug/L	1/6/99	SW846 8260B
1,2,4-Trimethylbenzene	< 2.2	2.2	7.0	ug/L	1/6/99	SW846 8260B
Trichloroethene	2200	3.7	12	ug/L	1/6/99	SW846 8260B
1,2,3-Trichloropropane	< 7.5	7.5	24	ug/L	1/6/99	SW846 8260B
1,3,5-Trimethylbenzene	< 2.7	2.7	8.6	ug/L	1/6/99	SW846 8260B
Vinyl chloride	< 2.0	2.0	6.4	ug/L	1/6/99	SW846 8260B
Xylenes, -m, -p	< 4.3	4.3	14	ug/L	1/6/99	SW846 8260B
Xylene, -o	< 2.4	2.4	7.6	ug/L	1/6/99	SW846 8260B
4-Bromofluorobenzene	114			%Recov	1/6/99	SW846 8260B
Dibromofluoromethane	122			%Recov	1/6/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-12

Lab Sample Number : 890009-003

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/7/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	115	%Recov	1/6/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-18 BR(1)
Lab Sample Number : 890009-004
WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
Report Date : 1/6/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER			Prep Method: SW846 5030B			Prep Date: 1/5/99		Analyst: HW	
Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method	
Benzene	< 0.27	0.27	0.86		ug/L		1/5/99	SW846 8260B	
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/5/99	SW846 8260B	
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B	
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B	
Bromoform	< 0.44	0.44	1.4		ug/L		1/5/99	SW846 8260B	
Bromomethane	< 0.70	0.70	2.2		ug/L		1/5/99	SW846 8260B	
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B	
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B	
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B	
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B	
Chloroform	< 0.35	0.35	1.1		ug/L		1/5/99	SW846 8260B	
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/5/99	SW846 8260B	
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B	
Chloroethane	< 0.54	0.54	1.7		ug/L		1/5/99	SW846 8260B	
Chloromethane	< 0.61	0.61	1.9		ug/L		1/5/99	SW846 8260B	
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/5/99	SW846 8260B	
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B	
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/5/99	SW846 8260B	
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/5/99	SW846 8260B	
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/5/99	SW846 8260B	
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B	
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B	
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/5/99	SW846 8260B	
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/5/99	SW846 8260B	
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/5/99	SW846 8260B	
cis-1,2-Dichloroethene	1.8	0.28	0.89		ug/L		1/5/99	SW846 8260B	
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/5/99	SW846 8260B	
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/5/99	SW846 8260B	



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-18 BR(1)

Lab Sample Number : 890009-004

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloroethane	4.1	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L		1/5/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L		1/5/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L		1/5/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L		1/5/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L		1/5/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L		1/5/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
Methylene chloride	0.39	0.36	1.1	ug/L	Q	1/5/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L		1/5/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L		1/5/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L		1/5/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L		1/5/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Toluene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L		1/5/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,1,1-Trichloroethane	2.9	0.30	0.96	ug/L		1/5/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L		1/5/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L		1/5/99	SW846 8260B
Trichloroethene	4.9	0.37	1.2	ug/L		1/5/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L		1/5/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
Vinyl chloride	< 0.20	0.20	0.64	ug/L		1/5/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
4-Bromofluorobenzene	113			%Recov		1/5/99	SW846 8260B
Dibromofluoromethane	121			%Recov		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-18 BR(1)

Lab Sample Number : 890009-004

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	112	%Recov	1/5/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-18 BR(2)
Lab Sample Number : 890009-005
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/7/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B Prep Date: 1/6/99 Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/6/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/6/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/6/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/6/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/6/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/6/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/6/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/6/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/6/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/6/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/6/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/6/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/6/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/6/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/6/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/6/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/6/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/6/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/6/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/6/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/6/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/6/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/6/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/6/99	SW846 8260B
1,1-Dichloroethene	0.81	0.43	1.4		ug/L	Q	1/6/99	SW846 8260B
cis-1,2-Dichloroethene	2.4	0.28	0.89		ug/L		1/6/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/6/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/6/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-18 BR(2)

Lab Sample Number : 890009-005

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/7/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L		1/6/99	SW846 8260B
1,1-Dichloroethane	5.3	0.35	1.1	ug/L		1/6/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L		1/6/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L		1/6/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L		1/6/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L		1/6/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L		1/6/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L		1/6/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L		1/6/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L		1/6/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L		1/6/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L		1/6/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L		1/6/99	SW846 8260B
Methylene chloride	0.89	0.36	1.1	ug/L	Q	1/6/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L		1/6/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L		1/6/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L		1/6/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L		1/6/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L		1/6/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L		1/6/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L		1/6/99	SW846 8260B
Toluene	0.39	0.27	0.86	ug/L	Q	1/6/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L		1/6/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L		1/6/99	SW846 8260B
1,1,1-Trichloroethane	2.0	0.30	0.96	ug/L		1/6/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L		1/6/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L		1/6/99	SW846 8260B
Trichloroethene	2.3	0.37	1.2	ug/L		1/6/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L		1/6/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L		1/6/99	SW846 8260B
Vinyl chloride	< 0.20	0.20	0.64	ug/L		1/6/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L		1/6/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L		1/6/99	SW846 8260B
4-Bromofluorobenzene	116			%Recov		1/6/99	SW846 8260B
Dibromofluoromethane	121			%Recov		1/6/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-18 BR(2)

Lab Sample Number : 890009-005

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/7/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	114	%Recov	1/6/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-19 BR(1)

Lab Sample Number : 890009-006

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 1/5/99

Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/5/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/5/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/5/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/5/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/5/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/5/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/5/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/5/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/5/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/5/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/5/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/5/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/5/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/5/99	SW846 8260B
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/5/99	SW846 8260B
cis-1,2-Dichloroethene	32	0.28	0.89		ug/L		1/5/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/5/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-19 BR(1)

Lab Sample Number : 890009-006

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloroethane	74	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L		1/5/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L		1/5/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L		1/5/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L		1/5/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L		1/5/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L		1/5/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
Methylene chloride	0.73	0.36	1.1	ug/L	Q	1/5/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L		1/5/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L		1/5/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L		1/5/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L		1/5/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Toluene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L		1/5/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,1,1-Trichloroethane	2.5	0.30	0.96	ug/L		1/5/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L		1/5/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L		1/5/99	SW846 8260B
Trichloroethene	150	0.37	1.2	ug/L		1/5/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L		1/5/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
Vinyl chloride	1.7	0.20	0.64	ug/L		1/5/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
4-Bromofluorobenzene	114			%Recov		1/5/99	SW846 8260B
Dibromofluoromethane	126			%Recov		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-19 BR(1)

Lab Sample Number : 890009-006

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	114	%Recov	1/5/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-19 BR(2)
Lab Sample Number : 890009-007
WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
Report Date : 1/6/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B Prep Date: 1/5/99 Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/5/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/5/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/5/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/5/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/5/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/5/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/5/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/5/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/5/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/5/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/5/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/5/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/5/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/5/99	SW846 8260B
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/5/99	SW846 8260B
cis-1,2-Dichloroethene	5.9	0.28	0.89		ug/L		1/5/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/5/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-19 BR(2)

Lab Sample Number : 890009-007

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloroethane	16	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L		1/5/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L		1/5/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L		1/5/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L		1/5/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L		1/5/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L		1/5/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
Methylene chloride	1.0	0.36	1.1	ug/L	Q	1/5/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L		1/5/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L		1/5/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L		1/5/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L		1/5/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Toluene	0.42	0.27	0.86	ug/L	Q	1/5/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L		1/5/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,1,1-Trichloroethane	< 0.30	0.30	0.96	ug/L		1/5/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L		1/5/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L		1/5/99	SW846 8260B
Trichloroethene	11	0.37	1.2	ug/L		1/5/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L		1/5/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
Vinyl chloride	< 0.20	0.20	0.64	ug/L		1/5/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
4-Bromofluorobenzene	113			%Recov		1/5/99	SW846 8260B
Dibromofluoromethane	125			%Recov		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-19 BR(2)

Lab Sample Number : 890009-007

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	114	%Recov	1/5/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-20 BR(1)
Lab Sample Number : 890009-008
WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
Report Date : 1/6/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER			Prep Method: SW846 5030B				Prep Date: 1/5/99	Analyst: HW
Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/5/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/5/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/5/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/5/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/5/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/5/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/5/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/5/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/5/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/5/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/5/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/5/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/5/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/5/99	SW846 8260B
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/5/99	SW846 8260B
cis-1,2-Dichloroethene	< 0.28	0.28	0.89		ug/L		1/5/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/5/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-20 BR(1)
Lab Sample Number : 890009-008
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/6/99
Collection Date : 12/30/98
Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloroethane	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L		1/5/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L		1/5/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L		1/5/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L		1/5/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L		1/5/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L		1/5/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
Methylene chloride	0.61	0.36	1.1	ug/L	Q	1/5/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L		1/5/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L		1/5/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L		1/5/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L		1/5/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Toluene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L		1/5/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,1,1-Trichloroethane	< 0.30	0.30	0.96	ug/L		1/5/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L		1/5/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L		1/5/99	SW846 8260B
Trichloroethene	< 0.37	0.37	1.2	ug/L		1/5/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L		1/5/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
Vinyl chloride	< 0.20	0.20	0.64	ug/L		1/5/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
4-Bromofluorobenzene	113			%Recov		1/5/99	SW846 8260B
Dibromofluoromethane	127			%Recov		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-20 BR(1)

Lab Sample Number : 890009-008

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	116	%Recov	1/5/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-20 BR(2)
Lab Sample Number : 890009-009
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/8/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 1/7/99

Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/7/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/7/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/7/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/7/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/7/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/7/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/7/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/7/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/7/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/7/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/7/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/7/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/7/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/7/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/7/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/7/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/7/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/7/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/7/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/7/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/7/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/7/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/7/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/7/99	SW846 8260B
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/7/99	SW846 8260B
cis-1,2-Dichloroethene	< 0.28	0.28	0.89		ug/L		1/7/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/7/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/7/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-20 BR(2)

Lab Sample Number : 890009-009

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/8/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L		1/7/99	SW846 8260B
1,1-Dichloroethane	< 0.35	0.35	1.1	ug/L		1/7/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L		1/7/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L		1/7/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L		1/7/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L		1/7/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L		1/7/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L		1/7/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L		1/7/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L		1/7/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L		1/7/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L		1/7/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L		1/7/99	SW846 8260B
Methylene chloride	0.42	0.36	1.1	ug/L	Q	1/7/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L		1/7/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L		1/7/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L		1/7/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L		1/7/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L		1/7/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L		1/7/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L		1/7/99	SW846 8260B
Toluene	0.27	0.27	0.86	ug/L	Q	1/7/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L		1/7/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L		1/7/99	SW846 8260B
1,1,1-Trichloroethane	< 0.30	0.30	0.96	ug/L		1/7/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L		1/7/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L		1/7/99	SW846 8260B
Trichloroethene	< 0.37	0.37	1.2	ug/L		1/7/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L		1/7/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L		1/7/99	SW846 8260B
Vinyl chloride	< 0.20	0.20	0.64	ug/L		1/7/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L		1/7/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L		1/7/99	SW846 8260B
4-Bromofluorobenzene	79			%Recov		1/7/99	SW846 8260B
Dibromofluoromethane	82			%Recov		1/7/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-20 BR(2)
Lab Sample Number : 890009-009
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/8/99
Collection Date : 12/30/98
Matrix Type : WATER

Toluene-d8	82	%Recov	1/7/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-21 BR(1)
Lab Sample Number : 890009-010
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/6/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER			Prep Method: SW846 5030B				Prep Date: 1/5/99	Analyst: HW
Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/5/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/5/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/5/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/5/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/5/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/5/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/5/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/5/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/5/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/5/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/5/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/5/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/5/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/5/99	SW846 8260B
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/5/99	SW846 8260B
cis-1,2-Dichloroethene	< 0.28	0.28	0.89		ug/L		1/5/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/5/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-21 BR(1)

Lab Sample Number : 890009-010

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloroethane	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L		1/5/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L		1/5/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L		1/5/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L		1/5/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L		1/5/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L		1/5/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L		1/5/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
Methylene chloride	0.74	0.36	1.1	ug/L	Q	1/5/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L		1/5/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L		1/5/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L		1/5/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L		1/5/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L		1/5/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L		1/5/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Toluene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L		1/5/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
1,1,1-Trichloroethane	< 0.30	0.30	0.96	ug/L		1/5/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L		1/5/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L		1/5/99	SW846 8260B
Trichloroethene	< 0.37	0.37	1.2	ug/L		1/5/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L		1/5/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L		1/5/99	SW846 8260B
Vinyl chloride	0.56	0.20	0.64	ug/L	Q	1/5/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L		1/5/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L		1/5/99	SW846 8260B
4-Bromofluorobenzene	113			%Recov		1/5/99	SW846 8260B
Dibromofluoromethane	116			%Recov		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-21 BR(1)

Lab Sample Number : 890009-010

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	113	%Recov	1/5/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-21 BR(2)
Lab Sample Number : 890009-011
WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
Report Date : 1/7/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 1/6/99

Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/6/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/6/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/6/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/6/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/6/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/6/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/6/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/6/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/6/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/6/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/6/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/6/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/6/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/6/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/6/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/6/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/6/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/6/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/6/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/6/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/6/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/6/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/6/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/6/99	SW846 8260B
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/6/99	SW846 8260B
cis-1,2-Dichloroethene	< 0.28	0.28	0.89		ug/L		1/6/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/6/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/6/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-21 BR(2)
Lab Sample Number : 890009-011
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/7/99
Collection Date : 12/30/98
Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L		1/6/99	SW846 8260B
1,1-Dichloroethane	< 0.35	0.35	1.1	ug/L		1/6/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L		1/6/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L		1/6/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L		1/6/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L		1/6/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L		1/6/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L		1/6/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L		1/6/99	SW846 8260B
Fluorotrchloromethane	< 0.28	0.28	0.89	ug/L		1/6/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L		1/6/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L		1/6/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L		1/6/99	SW846 8260B
Methylene chloride	0.63	0.36	1.1	ug/L	Q	1/6/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L		1/6/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L		1/6/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L		1/6/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L		1/6/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L		1/6/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L		1/6/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L		1/6/99	SW846 8260B
Toluene	< 0.27	0.27	0.86	ug/L		1/6/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L		1/6/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L		1/6/99	SW846 8260B
1,1,1-Trichloroethane	< 0.30	0.30	0.96	ug/L		1/6/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L		1/6/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L		1/6/99	SW846 8260B
Trichloroethene	< 0.37	0.37	1.2	ug/L		1/6/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L		1/6/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L		1/6/99	SW846 8260B
Vinyl chloride	0.39	0.20	0.64	ug/L	Q	1/6/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L		1/6/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L		1/6/99	SW846 8260B
4-Bromofluorobenzene	114			%Recov		1/6/99	SW846 8260B
Dibromofluoromethane	124			%Recov		1/6/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : MW-21 BR(2)
Lab Sample Number : 890009-011
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/7/99
Collection Date : 12/30/98
Matrix Type : WATER

Toluene-d8	114	%Recov	1/6/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-22 BR

Lab Sample Number : 890009-012

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 1/5/99

Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/5/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/5/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/5/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/5/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/5/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/5/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/5/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/5/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/5/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/5/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/5/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/5/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/5/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/5/99	SW846 8260B
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/5/99	SW846 8260B
cis-1,2-Dichloroethene	5.3	0.28	0.89		ug/L		1/5/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/5/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-22 BR

Lab Sample Number : 890009-012

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L	1/5/99	SW846 8260B
1,1-Dichloroethane	2.5	0.35	1.1	ug/L	1/5/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L	1/5/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L	1/5/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L	1/5/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L	1/5/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L	1/5/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L	1/5/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L	1/5/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L	1/5/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L	1/5/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L	1/5/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L	1/5/99	SW846 8260B
Methylene chloride	1.1	0.36	1.1	ug/L	1/5/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L	1/5/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L	1/5/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L	1/5/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L	1/5/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L	1/5/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L	1/5/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L	1/5/99	SW846 8260B
Toluene	< 0.27	0.27	0.86	ug/L	1/5/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L	1/5/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L	1/5/99	SW846 8260B
1,1,1-Trichloroethane	< 0.30	0.30	0.96	ug/L	1/5/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L	1/5/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L	1/5/99	SW846 8260B
Trichloroethene	25	0.37	1.2	ug/L	1/5/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L	1/5/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L	1/5/99	SW846 8260B
Vinyl chloride	< 0.20	0.20	0.64	ug/L	1/5/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L	1/5/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L	1/5/99	SW846 8260B
4-Bromofluorobenzene	112			%Recov	1/5/99	SW846 8260B
Dibromofluoromethane	119			%Recov	1/5/99	SW846 8260B



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FAX: 920-469-8827

- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : MW-22 BR

Lab Sample Number : 890009-012

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	112	%Recov	1/5/99	SW846 8260B
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FAX: 920-469-8827

- Analytical Report -

Project Name : TECUMSEH
Project Number : #1177
Field ID : TRIP BLANK
Lab Sample Number : 890009-013
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 1/6/99
Collection Date : 12/30/98
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST-WATER

Prep Method: SW846 5030B

Prep Date: 1/5/99

Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 0.27	0.27	0.86		ug/L		1/5/99	SW846 8260B
Bromobenzene	< 0.83	0.83	2.6		ug/L		1/5/99	SW846 8260B
Bromochloromethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Bromodichloromethane	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
Bromoform	< 0.44	0.44	1.4		ug/L		1/5/99	SW846 8260B
Bromomethane	< 0.70	0.70	2.2		ug/L		1/5/99	SW846 8260B
s-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
t-Butylbenzene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
n-Butylbenzene	< 0.29	0.29	0.92		ug/L		1/5/99	SW846 8260B
Carbon tetrachloride	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
Chloroform	< 0.35	0.35	1.1		ug/L		1/5/99	SW846 8260B
Chlorobenzene	< 0.23	0.23	0.73		ug/L		1/5/99	SW846 8260B
Chlorodibromomethane	< 0.42	0.42	1.3		ug/L		1/5/99	SW846 8260B
Chloroethane	< 0.54	0.54	1.7		ug/L		1/5/99	SW846 8260B
Chloromethane	< 0.61	0.61	1.9		ug/L		1/5/99	SW846 8260B
2-Chlorotoluene	< 0.31	0.31	0.99		ug/L		1/5/99	SW846 8260B
4-Chlorotoluene	< 0.32	0.32	1.0		ug/L		1/5/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.41	0.41	1.3		ug/L		1/5/99	SW846 8260B
1,2-Dibromoethane	< 0.39	0.39	1.2		ug/L		1/5/99	SW846 8260B
Dibromomethane	< 0.53	0.53	1.7		ug/L		1/5/99	SW846 8260B
1,3-Dichlorobenzene	< 0.34	0.34	1.1		ug/L		1/5/99	SW846 8260B
1,4-Dichlorobenzene	< 0.30	0.30	0.96		ug/L		1/5/99	SW846 8260B
1,2-Dichloroethane	< 0.37	0.37	1.2		ug/L		1/5/99	SW846 8260B
1,2-Dichlorobenzene	< 0.25	0.25	0.80		ug/L		1/5/99	SW846 8260B
1,1-Dichloroethene	< 0.43	0.43	1.4		ug/L		1/5/99	SW846 8260B
cis-1,2-Dichloroethene	< 0.28	0.28	0.89		ug/L		1/5/99	SW846 8260B
Dichlorodifluoromethane	< 0.47	0.47	1.5		ug/L		1/5/99	SW846 8260B
trans-1,2-Dichloroethene	< 0.79	0.79	2.5		ug/L		1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : TRIP BLANK

Lab Sample Number : 890009-013

WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

1,2-Dichloropropane	< 0.35	0.35	1.1	ug/L	1/5/99	SW846 8260B
1,1-Dichloroethane	< 0.35	0.35	1.1	ug/L	1/5/99	SW846 8260B
1,3-Dichloropropane	< 0.42	0.42	1.3	ug/L	1/5/99	SW846 8260B
2,2-Dichloropropane	< 0.36	0.36	1.1	ug/L	1/5/99	SW846 8260B
1,1-Dichloropropene	< 0.81	0.81	2.6	ug/L	1/5/99	SW846 8260B
cis-1,3-Dichloropropene	< 0.32	0.32	1.0	ug/L	1/5/99	SW846 8260B
trans-1,3-Dichloropropene	< 0.43	0.43	1.4	ug/L	1/5/99	SW846 8260B
Diisopropyl ether	< 0.55	0.55	1.8	ug/L	1/5/99	SW846 8260B
Ethylbenzene	< 0.32	0.32	1.0	ug/L	1/5/99	SW846 8260B
Fluorotrichloromethane	< 0.28	0.28	0.89	ug/L	1/5/99	SW846 8260B
Hexachlorobutadiene	< 0.62	0.62	2.0	ug/L	1/5/99	SW846 8260B
Isopropylbenzene	< 0.26	0.26	0.83	ug/L	1/5/99	SW846 8260B
p-Isopropyltoluene	< 0.24	0.24	0.76	ug/L	1/5/99	SW846 8260B
Methylene chloride	3.6	0.36	1.1	ug/L	1/5/99	SW846 8260B
Methyl-tert-butyl-ether	< 0.32	0.32	1.0	ug/L	1/5/99	SW846 8260B
Naphthalene	< 0.35	0.35	1.1	ug/L	1/5/99	SW846 8260B
n-Propylbenzene	< 0.76	0.76	2.4	ug/L	1/5/99	SW846 8260B
Styrene	< 0.17	0.17	0.54	ug/L	1/5/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.69	0.69	2.2	ug/L	1/5/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 0.70	0.70	2.2	ug/L	1/5/99	SW846 8260B
Tetrachloroethene	< 0.43	0.43	1.4	ug/L	1/5/99	SW846 8260B
Toluene	< 0.27	0.27	0.86	ug/L	1/5/99	SW846 8260B
1,2,3-Trichlorobenzene	< 0.47	0.47	1.5	ug/L	1/5/99	SW846 8260B
1,2,4-Trichlorobenzene	< 0.27	0.27	0.86	ug/L	1/5/99	SW846 8260B
1,1,1-Trichloroethane	< 0.30	0.30	0.96	ug/L	1/5/99	SW846 8260B
1,1,2-Trichloroethane	< 0.61	0.61	1.9	ug/L	1/5/99	SW846 8260B
1,2,4-Trimethylbenzene	< 0.22	0.22	0.70	ug/L	1/5/99	SW846 8260B
Trichloroethene	< 0.37	0.37	1.2	ug/L	1/5/99	SW846 8260B
1,2,3-Trichloropropane	< 0.75	0.75	2.4	ug/L	1/5/99	SW846 8260B
1,3,5-Trimethylbenzene	< 0.27	0.27	0.86	ug/L	1/5/99	SW846 8260B
Vinyl chloride	< 0.20	0.20	0.64	ug/L	1/5/99	SW846 8260B
Xylenes, -m, -p	< 0.43	0.43	1.4	ug/L	1/5/99	SW846 8260B
Xylene, -o	< 0.24	0.24	0.76	ug/L	1/5/99	SW846 8260B
4-Bromofluorobenzene	113			%Recov	1/5/99	SW846 8260B
Dibromofluoromethane	114			%Recov	1/5/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : TRIP BLANK

Lab Sample Number : 890009-013

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/6/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	112	%Recov	1/5/99	SW846 8260B
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- Analytical Report -

Project Name : TECUMSEH
 Project Number : #1177
 Field ID : DUPLICATE
 Lab Sample Number : 890009-014
 WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
 Report Date : 1/7/99
 Collection Date : 12/30/98
 Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 1/6/99

Analyst: HW

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 2.7	2.7	8.6		ug/L		1/6/99	SW846 8260B
Bromobenzene	< 8.3	8.3	26		ug/L		1/6/99	SW846 8260B
Bromochloromethane	< 4.2	4.2	13		ug/L		1/6/99	SW846 8260B
Bromodichloromethane	< 3.0	3.0	9.6		ug/L		1/6/99	SW846 8260B
Bromoform	< 4.4	4.4	14		ug/L		1/6/99	SW846 8260B
Bromomethane	< 7.0	7.0	22		ug/L		1/6/99	SW846 8260B
s-Butylbenzene	< 2.9	2.9	9.2		ug/L		1/6/99	SW846 8260B
t-Butylbenzene	< 3.2	3.2	10		ug/L		1/6/99	SW846 8260B
n-Butylbenzene	< 2.9	2.9	9.2		ug/L		1/6/99	SW846 8260B
Carbon tetrachloride	< 3.4	3.4	11		ug/L		1/6/99	SW846 8260B
Chloroform	< 3.5	3.5	11		ug/L		1/6/99	SW846 8260B
Chlorobenzene	< 2.3	2.3	7.3		ug/L		1/6/99	SW846 8260B
Chlorodibromomethane	< 4.2	4.2	13		ug/L		1/6/99	SW846 8260B
Chloroethane	< 5.4	5.4	17		ug/L		1/6/99	SW846 8260B
Chloromethane	< 6.1	6.1	19		ug/L		1/6/99	SW846 8260B
2-Chlorotoluene	< 3.1	3.1	9.9		ug/L		1/6/99	SW846 8260B
4-Chlorotoluene	< 3.2	3.2	10		ug/L		1/6/99	SW846 8260B
1,2-Dibromo-3-chloropropane	< 4.1	4.1	13		ug/L		1/6/99	SW846 8260B
1,2-Dibromoethane	< 3.9	3.9	12		ug/L		1/6/99	SW846 8260B
Dibromomethane	< 5.3	5.3	17		ug/L		1/6/99	SW846 8260B
1,3-Dichlorobenzene	< 3.4	3.4	11		ug/L		1/6/99	SW846 8260B
1,4-Dichlorobenzene	< 3.0	3.0	9.6		ug/L		1/6/99	SW846 8260B
1,2-Dichloroethane	< 3.7	3.7	12		ug/L		1/6/99	SW846 8260B
1,2-Dichlorobenzene	< 2.5	2.5	8.0		ug/L		1/6/99	SW846 8260B
1,1-Dichloroethene	18	4.3	14		ug/L		1/6/99	SW846 8260B
cis-1,2-Dichloroethene	720	2.8	8.9		ug/L		1/6/99	SW846 8260B
Dichlorodifluoromethane	< 4.7	4.7	15		ug/L		1/6/99	SW846 8260B
trans-1,2-Dichloroethene	9.3	7.9	25		ug/L	Q	1/6/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH
 Project Number : #1177
 Field ID : DUPLICATE
 Lab Sample Number : 890009-014
 WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
 Report Date : 1/7/99
 Collection Date : 12/30/98
 Matrix Type : WATER

1,2-Dichloropropane	< 3.5	3.5	11	ug/L		1/6/99	SW846 8260B
1,1-Dichloroethane	61	3.5	11	ug/L		1/6/99	SW846 8260B
1,3-Dichloropropane	< 4.2	4.2	13	ug/L		1/6/99	SW846 8260B
2,2-Dichloropropane	< 3.6	3.6	11	ug/L		1/6/99	SW846 8260B
1,1-Dichloropropene	< 8.1	8.1	26	ug/L		1/6/99	SW846 8260B
cis-1,3-Dichloropropene	< 3.2	3.2	10	ug/L		1/6/99	SW846 8260B
trans-1,3-Dichloropropene	< 4.3	4.3	14	ug/L		1/6/99	SW846 8260B
Diisopropyl ether	< 5.5	5.5	18	ug/L		1/6/99	SW846 8260B
Ethylbenzene	< 3.2	3.2	10	ug/L		1/6/99	SW846 8260B
Fluorotrichloromethane	< 2.8	2.8	8.9	ug/L		1/6/99	SW846 8260B
Hexachlorobutadiene	< 6.2	6.2	20	ug/L		1/6/99	SW846 8260B
Isopropylbenzene	< 2.6	2.6	8.3	ug/L		1/6/99	SW846 8260B
p-Isopropyltoluene	< 2.4	2.4	7.6	ug/L		1/6/99	SW846 8260B
Methylene chloride	5.0	3.6	11	ug/L	Q	1/6/99	SW846 8260B
Methyl-tert-butyl-ether	< 3.2	3.2	10	ug/L		1/6/99	SW846 8260B
Naphthalene	< 3.5	3.5	11	ug/L		1/6/99	SW846 8260B
n-Propylbenzene	< 7.6	7.6	24	ug/L		1/6/99	SW846 8260B
Styrene	< 1.7	1.7	5.4	ug/L		1/6/99	SW846 8260B
1,1,2,2-Tetrachloroethane	< 6.9	6.9	22	ug/L		1/6/99	SW846 8260B
1,1,1,2-Tetrachloroethane	< 7.0	7.0	22	ug/L		1/6/99	SW846 8260B
Tetrachloroethene	< 4.3	4.3	14	ug/L		1/6/99	SW846 8260B
Toluene	< 2.7	2.7	8.6	ug/L		1/6/99	SW846 8260B
1,2,3-Trichlorobenzene	< 4.7	4.7	15	ug/L		1/6/99	SW846 8260B
1,2,4-Trichlorobenzene	< 2.7	2.7	8.6	ug/L		1/6/99	SW846 8260B
1,1,1-Trichloroethane	420	3.0	9.6	ug/L		1/6/99	SW846 8260B
1,1,2-Trichloroethane	< 6.1	6.1	19	ug/L		1/6/99	SW846 8260B
1,2,4-Trimethylbenzene	< 2.2	2.2	7.0	ug/L		1/6/99	SW846 8260B
Trichloroethene	2000	3.7	12	ug/L		1/6/99	SW846 8260B
1,2,3-Trichloropropane	< 7.5	7.5	24	ug/L		1/6/99	SW846 8260B
1,3,5-Trimethylbenzene	< 2.7	2.7	8.6	ug/L		1/6/99	SW846 8260B
Vinyl chloride	< 2.0	2.0	6.4	ug/L		1/6/99	SW846 8260B
Xylenes, -m, -p	< 4.3	4.3	14	ug/L		1/6/99	SW846 8260B
Xylene, -o	< 2.4	2.4	7.6	ug/L		1/6/99	SW846 8260B
4-Bromofluorobenzene	117			%Recov		1/6/99	SW846 8260B
Dibromofluoromethane	120			%Recov		1/6/99	SW846 8260B



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- Analytical Report -

Project Name : TECUMSEH

Project Number : #1177

Field ID : DUPLICATE

Lab Sample Number : 890009-014

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 1/7/99

Collection Date : 12/30/98

Matrix Type : WATER

Toluene-d8	115	%Recov	1/6/99	SW846 8260B
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Company Name: Moore Environmental Services

Branch or Location: Grafton

Project Contact: Steve Burtin

Telephone: 377-9060

Project Number: 1177

Project Name: Tecumseh

Project Location: Grafton

Sampled By (Print): Mike Rifferting, Steve Burtin

Regulatory Program (circle): UST RCRA CLP (SDWA) NPDES/WPDES CAA NR
Other _____

NR720 Confirmation Analysis Required? (circle): Y N
(En Chem will not confirm unless otherwise instructed.)



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Green Bay, WI 54302
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FAX 920-469-8827

802 Deming Way
Madison, WI 53717
608-827-5501 • 1-888-536-2436
Fax: 608-827-5503

1423 N. 8th Street., Suite 122
Superior, WI 54880
715-392-5844 • 1-800-837-8238
FAX 715-392-5843

CHAIN OF CUSTODY

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

ANALYSES REQUESTED
As per SDS

14613

Page 1 of 1

P.O. # _____ Quote # _____

Mail Report To: Steve Burtin

Company: Mel

Address: 1274 17th Ave.
Grafton, WI 53024

Invoice To: SAA

Company: _____

Address: _____

Mail Invoice To: _____

FIELD ID	SAMPLE DESCRIPTION	COLLECTION		FIELD SCREEN	MATRIX	SHADED AREA FOR LABORATORY USE ONLY			
		DATE	TIME			GOOD COND.	TOTAL BOTTLES	COMMENTS	LABORATORY NUMBER
1319	1319 (Holes)	1/12/99	9:00	X	DN	X	4		1001
1355	1355 (Holes)	1/12/99	1	X	↓	↓	↓		1002
1338	1338 (Rociss)	1/12/99	↓	X	↓	↓	↓		1003

Reservations: A=None B=RC C=ISO D=HVC E=Encore F=Methanol G=NaOH H=Other (indicate)

*If not using En Chem's methanol, indicate volume of methanol added and mark the appropriate samples.

Relinquished By: <u>Mike Rifferting</u>	Date/Time: <u>1/12/99</u>	Received By: <u>Steve Burtin</u>	Date/Time: <u>1/12/99 9:30</u>
Relinquished By: <u>Mike Rifferting</u>	Date/Time: <u>1/12/99 9:00</u>	Received By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____	Received By: <u>En Chem</u>	Date/Time: <u>1/14/99 9:30</u>



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Documentation of Subcontracted Analysis

Listed below are the labs used for subcontracted analysis and associated FID number.

Code	Laboratory	Wisconsin FID Number
*MD	En Chem Madison	113172950
*GB	En Chem Green Bay	405132750
*SP	En Chem Superior	816079330
*RL	Robert E. Lee	405043870
*NL	Northern Lakes Service	721026460
*SF	Sommer - Frey	241249360
*CT	Commonwealth Tech.	157066030
*QO	Quanterra - North Canton, OH	999518190
*QP	Quanterra - Pittsburgh, PA	998027800
*KM	Kemron - Marietta, OH	998202040
*SUB	Indicates analysis that requires no certification	



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- Analytical Report -

Project Name : TECUMSEH

Project Number : 1177

WI DNR LAB ID : 405132750

Client: MORaine ENVIRONMENTAL INC

Report Date : 2/1/99

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
890107-001	1319(HEISER)	1/8/99			
890107-002	1359(WENDTLAND)	1/8/99			
890107-003	1335(RAESS)	1/8/99			

The "Q" flag is present when a parameter has been detected below the LOQ. This indicates the results are qualified due to the uncertainty of the parameter concentration between the LOD and the LOQ.

Soil VOC detects are corrected for the total solids, unless otherwise noted.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this final report is authorized by Laboratory management, as is verified by the following signature.

J. Duranseau
Approval Signature

2/1/99
Date



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- Analytical Report -

Project Name : TECUMSEH
Project Number : 1177
Field ID : 1319(HEISER)
Lab Sample Number : 890107-001
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 2/1/99
Collection Date : 1/8/99
Matrix Type : DRINKING WATER

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Special Analytical Services	Attached						1/19/99			*NL



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- Analytical Report -

Project Name : TECUMSEH
Project Number : 1177
Field ID : 1359(WENDTLAND)
Lab Sample Number : 890107-002
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 2/1/99
Collection Date : 1/8/99
Matrix Type : DRINKING WATER

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Special Analytical Services	Attached						1/19/99			*NL



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- Analytical Report -

Project Name : TECUMSEH
Project Number : 1177
Field ID : 1335(RAESS)
Lab Sample Number : 890107-003
WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
Report Date : 2/1/99
Collection Date : 1/8/99
Matrix Type : DRINKING WATER

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Special Analytical Services	Attached						1/19/99			*NL

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 1 NLS PROJECT# 45954
NLS CUST# 10470

Client: En Chem Inc
Attn: Leigh Flaig
1795 Industrial Drive
Green Bay, WI 54302

Project Description: 890107

Sample ID: 001-1319 NLS#: 190762
Ref. Line 1 of COC Description: 001-1319
Collected: 01/18/99 Received: 01/19/99 Reported: 01/20/99

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Analyzed Lab</u>
VOCs by EPA 524.2	see attached				EPA 524.2	01/19/99 721026460

Sample ID: 002-1355 NLS#: 190763
Ref. Line 2 of COC Description: 002-1355
Collected: 01/18/99 Received: 01/19/99 Reported: 01/20/99

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Analyzed Lab</u>
VOCs by EPA 524.2	see attached				EPA 524.2	01/19/99 721026460

Sample ID: 003-1335 NLS#: 190764
Ref. Line 3 of COC Description: 003-1335
Collected: 01/18/99 Received: 01/19/99 Reported: 01/20/99

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Analyzed Lab</u>
VOCs by EPA 524.2	see attached				EPA 524.2	01/19/99 721026460

Values in brackets represent results greater than the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation".
Results greater than the LOQ are considered to be in the region of "Certain Quantitation".

LOD = Limit of Detection
DWB = Dry Weight Basis

LOQ = Limit of Quantitation
NA = Not Applicable

ND = Not Detected
%DWB = (mg/kg DWB)/10000

Jerry R. Boek
Reviewed by:

Authorized by:
R. T. Krueger
Laboratory Manager

ANALYTICAL RESULTS: GCMS 524.2 Safe Drinking Water Analysis (Saturn 3)

Page: 1

Customer: En Chem Inc

Project Description: 890107

Northern Lake Service Project Number: 45954

Analyte Name	190762 001-1319 ug/L	DILUTION FACTOR	LOD ug/L	LOQ ug/L	MCL ug/L
Benzene	ND	1	0.13	0.44	5.0
Bromobenzene	ND	1	0.12	0.41	
Bromochloromethane	ND	1	0.14	0.48	
Bromodichloromethane	ND	1	0.12	0.42	
Bromoform	ND	1	0.13	0.43	
Bromomethane	ND	1	0.19	0.65	
n-Butylbenzene	ND	1	0.15	0.52	
sec-Butylbenzene	ND	1	0.14	0.48	
tert-Butylbenzene	ND	1	0.15	0.50	
Carbon Tetrachloride	ND	1	0.17	0.58	5.0
Chlorobenzene	ND	1	0.13	0.45	100
Chloroethane	ND	1	0.69	2.4	
Chloroform	1.9	1	0.15	0.52	
Chloromethane	ND	1	0.19	0.66	
2-Chlorotoluene	ND	1	0.12	0.42	
4-Chlorotoluene	ND	1	0.13	0.45	
Dibromochloromethane	ND	1	0.13	0.44	
1,2-Dibromo-3-Chloropropane	ND	1	0.16	0.54	
1,2-Dibromoethane	ND	1	0.11	0.39	
Dibromomethane	ND	1	0.12	0.41	
1,2-Dichlorobenzene	ND	1	0.16	0.55	600
1,3-Dichlorobenzene	ND	1	0.19	0.65	
1,4-Dichlorobenzene	ND	1	0.16	0.56	75
Dichlorodifluoromethane	ND	1	0.19	0.64	
1,1-Dichloroethane	2.5	1	0.14	0.47	
1,2-Dichloroethane	ND	1	0.13	0.46	5.0
1,1-Dichloroethene	< 0.22 >	1	0.15	0.51	7.0
cis-1,2-Dichloroethene	2.4	1	0.16	0.61	70
trans-1,2-Dichloroethene	ND	1	0.17	0.59	100
1,2-Dichloropropane	ND	1	0.12	0.40	5.0
1,3-Dichloropropane	ND	1	0.12	0.42	
2,2-Dichloropropane	ND	1	0.16	0.56	
1,1-Dichloropropene	ND	1	0.14	0.49	
cis-1,3-Dichloropropene	ND	1	0.13	0.44	
trans-1,3-Dichloropropene	ND	1	0.12	0.43	
Ethylbenzene	ND	1	0.12	0.40	700
Hexachlorobutadiene	ND	1	0.15	0.52	
Isopropylbenzene	ND	1	0.13	0.46	
p-Isopropyltoluene	ND	1	0.13	0.46	
Methylene chloride	< 0.33 >	1	0.16	0.56	5.0
Naphthalene	ND	1	0.17	0.58	
n-Propylbenzene	ND	1	0.10	0.36	
Styrene	ND	1	0.11	0.38	100
ortho-Xylene	ND	1	0.12	0.40	
1,1,1,2-Tetrachloroethane	ND	1	0.11	0.37	
1,1,2,2-Tetrachloroethane	ND	1	0.10	0.35	
Tetrachloroethene	< 0.27 >	1	0.15	0.50	5.0
Toluene	ND	1	0.13	0.45	1000
1,2,3-Trichlorobenzene	ND	1	0.15	0.51	
1,2,4-Trichlorobenzene	ND	1	0.14	0.49	70
1,1,1-Trichloroethane	1.5	1	0.14	0.50	200
1,1,2-Trichloroethane	ND	1	0.15	0.52	5.0
Trichloroethene	2.8	1	0.14	0.50	5.0
Trichlorofluoromethane	ND	1	0.20	0.69	

ANALYTICAL RESULTS: GCMS 524.2 Safe Drinking Water Analysis (Saturn 3)

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Customer: En Chem Inc

Project Description: 890107

Northern Lake Service Project Number: 45954

Analyte Name	190762 001-1319 ug/L	DILUTION FACTOR	LOD ug/L	LOQ ug/L	MCL ug/L
1,2,3-Trichloropropane	ND	1	0.17	0.59	
1,2,4-Trimethylbenzene	ND	1	0.12	0.42	
1,3,5-Trimethylbenzene	ND	1	0.12	0.43	
Vinyl chloride	ND	1	0.16	0.55	0.20
meta,para-Xylene	ND	1	0.25	0.86	10000
MTBE	ND	1	0.18	0.62	

Surrogate Recovery on 4-Bromofluorobenzene = 107 %
Surrogate Recovery on 1,2-Dichlorobenzene-d4 = 108 %

ANALYTICAL RESULTS: GCMS 524.2 Safe Drinking Water Analysis (Saturn 3)

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Customer: En Chem Inc
 Project Description: 890107
 Northern Lake Service Project Number: 45954

Analyte Name	190763 002-1355 ug/L	DILUTION FACTOR	LOD ug/L	LOQ ug/L	MCL ug/L
Benzene	ND	1	0.13	0.44	5.0
Bromobenzene	ND	1	0.12	0.41	
Bromochloromethane	ND	1	0.14	0.48	
Bromodichloromethane	ND	1	0.12	0.42	
Bromoform	ND	1	0.13	0.43	
Bromomethane	ND	1	0.19	0.65	
n-Butylbenzene	ND	1	0.15	0.52	
sec-Butylbenzene	ND	1	0.14	0.48	
tert-Butylbenzene	ND	1	0.15	0.50	
Carbon Tetrachloride	ND	1	0.17	0.58	5.0
Chlorobenzene	ND	1	0.13	0.45	100
Chloroethane	ND	1	0.69	2.4	
Chloroform	ND	1	0.15	0.52	
Chloromethane	ND	1	0.19	0.66	
2-Chlorotoluene	ND	1	0.12	0.42	
4-Chlorotoluene	ND	1	0.13	0.45	
Dibromochloromethane	ND	1	0.13	0.44	
1,2-Dibromo-3-Chloropropane	ND	1	0.16	0.54	
1,2-Dibromoethane	ND	1	0.11	0.39	
Dibromomethane	ND	1	0.12	0.41	
1,2-Dichlorobenzene	ND	1	0.16	0.55	600
1,3-Dichlorobenzene	ND	1	0.19	0.65	
1,4-Dichlorobenzene	ND	1	0.16	0.56	75
Dichlorodifluoromethane	ND	1	0.19	0.64	
1,1-Dichloroethane	1.9	1	0.14	0.47	
1,2-Dichloroethane	ND	1	0.13	0.46	5.0
1,1-Dichloroethene	< 0.18 >	1	0.15	0.51	7.0
cis-1,2-Dichloroethene	< 0.19 >	1	0.16	0.61	70
trans-1,2-Dichloroethene	ND	1	0.17	0.59	100
1,2-Dichloropropane	ND	1	0.12	0.40	5.0
1,3-Dichloropropane	ND	1	0.12	0.42	
2,2-Dichloropropane	ND	1	0.16	0.56	
1,1-Dichloropropene	ND	1	0.14	0.49	
cis-1,3-Dichloropropene	ND	1	0.13	0.44	
trans-1,3-Dichloropropene	ND	1	0.12	0.43	
Ethylbenzene	ND	1	0.12	0.40	700
Hexachlorobutadiene	ND	1	0.15	0.52	
Isopropylbenzene	ND	1	0.13	0.46	
p-Isopropyltoluene	ND	1	0.13	0.46	
Methylene chloride	< 0.29 >	1	0.16	0.56	5.0
Naphthalene	ND	1	0.17	0.58	
n-Propylbenzene	ND	1	0.10	0.36	
Styrene	ND	1	0.11	0.38	100
ortho-Xylene	ND	1	0.12	0.40	
1,1,1,2-Tetrachloroethane	ND	1	0.11	0.37	
1,1,2,2-Tetrachloroethane	ND	1	0.10	0.35	
Tetrachloroethene	ND	1	0.15	0.50	5.0
Toluene	ND	1	0.13	0.45	1000
1,2,3-Trichlorobenzene	ND	1	0.15	0.51	
1,2,4-Trichlorobenzene	ND	1	0.14	0.49	70
1,1,1-Trichloroethane	1.5	1	0.14	0.50	200
1,1,2-Trichloroethane	ND	1	0.15	0.52	5.0
Trichloroethene	1.5	1	0.14	0.50	5.0
Trichlorofluoromethane	ND	1	0.20	0.69	

ANALYTICAL RESULTS: GCMS 524.2 Safe Drinking Water Analysis (Saturn 3)

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Customer: En Chem Inc
Project Description: 890107
Northern Lake Service Project Number: 45954

Analyte Name	190763 002-1355 ug/L	DILUTION FACTOR	LOD ug/L	LOQ ug/L	MCL ug/L
1,2,3-Trichloropropane	ND	1	0.17	0.59	
1,2,4-Trimethylbenzene	ND	1	0.12	0.42	
1,3,5-Trimethylbenzene	ND	1	0.12	0.43	
Vinyl chloride	ND	1	0.16	0.55	0.20
meta,para-Xylene	ND	1	0.25	0.86	10000
MTBE	ND	1	0.18	0.62	

Surrogate Recovery on 4-Bromofluorobenzene = 105 %
Surrogate Recovery on 1,2-Dichlorobenzene-d4 = 104 %

ANALYTICAL RESULTS: GCMS 524.2 Safe Drinking Water Analysis (Saturn 3)

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Customer: En Chem Inc
 Project Description: 890107
 Northern Lake Service Project Number: 45954

Analyte Name	190764 003-1335 ug/L	DILUTION FACTOR	LOD ug/L	LOQ ug/L	MCL ug/L
Benzene	ND	1	0.13	0.44	5.0
Bromobenzene	ND	1	0.12	0.41	
Bromochloromethane	ND	1	0.14	0.48	
Bromodichloromethane	ND	1	0.12	0.42	
Bromoform	ND	1	0.13	0.43	
Bromomethane	ND	1	0.19	0.65	
n-Butylbenzene	ND	1	0.15	0.52	
sec-Butylbenzene	ND	1	0.14	0.48	
tert-Butylbenzene	ND	1	0.15	0.50	
Carbon Tetrachloride	ND	1	0.17	0.58	5.0
Chlorobenzene	ND	1	0.13	0.45	100
Chloroethane	ND	1	0.69	2.4	
Chloroform	ND	1	0.15	0.52	
Chloromethane	ND	1	0.19	0.66	
2-Chlorotoluene	ND	1	0.12	0.42	
4-Chlorotoluene	ND	1	0.13	0.45	
Dibromochloromethane	ND	1	0.13	0.44	
1,2-Dibromo-3-Chloropropane	ND	1	0.16	0.54	
1,2-Dibromoethane	ND	1	0.11	0.39	
Dibromomethane	ND	1	0.12	0.41	
1,2-Dichlorobenzene	ND	1	0.16	0.55	600
1,3-Dichlorobenzene	ND	1	0.19	0.65	
1,4-Dichlorobenzene	ND	1	0.16	0.56	75
Dichlorodifluoromethane	< 0.25 >	1	0.19	0.64	
1,1-Dichloroethane	0.51	1	0.14	0.47	
1,2-Dichloroethane	ND	1	0.13	0.46	5.0
1,1-Dichloroethene	ND	1	0.15	0.51	7.0
cis-1,2-Dichloroethene	ND	1	0.16	0.61	70
trans-1,2-Dichloroethene	ND	1	0.17	0.59	100
1,2-Dichloropropane	ND	1	0.12	0.40	5.0
1,3-Dichloropropane	ND	1	0.12	0.42	
2,2-Dichloropropane	ND	1	0.16	0.56	
1,1-Dichloropropene	ND	1	0.14	0.49	
cis-1,3-Dichloropropene	ND	1	0.13	0.44	
trans-1,3-Dichloropropene	ND	1	0.12	0.43	
Ethylbenzene	ND	1	0.12	0.40	700
Hexachlorobutadiene	ND	1	0.15	0.52	
Isopropylbenzene	ND	1	0.13	0.46	
p-Isopropyltoluene	ND	1	0.13	0.46	
Methylene chloride	< 0.28 >	1	0.16	0.56	5.0
Naphthalene	ND	1	0.17	0.58	
n-Propylbenzene	ND	1	0.10	0.36	
Styrene	ND	1	0.11	0.38	100
ortho-Xylene	ND	1	0.12	0.40	
1,1,1,2-Tetrachloroethane	ND	1	0.11	0.37	
1,1,2,2-Tetrachloroethane	ND	1	0.10	0.35	
Tetrachloroethene	ND	1	0.15	0.50	5.0
Toluene	ND	1	0.13	0.45	1000
1,2,3-Trichlorobenzene	ND	1	0.15	0.51	
1,2,4-Trichlorobenzene	ND	1	0.14	0.49	70
1,1,1-Trichloroethane	0.63	1	0.14	0.50	200
1,1,2-Trichloroethane	ND	1	0.15	0.52	5.0
Trichloroethene	< 0.31 >	1	0.14	0.50	5.0
Trichlorofluoromethane	ND	1	0.20	0.69	

ANALYTICAL RESULTS: GCMS 524.2 Safe Drinking Water Analysis (Saturn 3)

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Customer: En Chem Inc
Project Description: 890107
Northern Lake Service Project Number: 45954

Analyte Name	190764 003-1335 <u>ug/L</u>	DILUTION FACTOR	LOD <u>ug/L</u>	LOQ <u>ug/L</u>	MCL <u>ug/L</u>
1,2,3-Trichloropropane	ND	1	0.17	0.59	
1,2,4-Trimethylbenzene	ND	1	0.12	0.42	
1,3,5-Trimethylbenzene	ND	1	0.12	0.43	
Vinyl chloride	ND	1	0.16	0.55	0.20
meta,para-Xylene	ND	1	0.25	0.86	10000
MTBE	ND	1	0.18	0.62	

Surrogate Recovery on 4-Bromofluorobenzene = 106 %
Surrogate Recovery on 1,2-Dichlorobenzene-d4 = 103 %

ATTACHMENT B

**PREVIOUS ANALYTICAL SUMMARY TABLES
(MEI and RMT, INC.)**

**TECUMSEH MONITORING - GRAFTON FACILITY
GROUNDWATER LABORATORY RESULTS - JULY 1998
(Detected Compounds Only)**

Well Name	MW-3 BR (2)	MW-3D	MW-9	MW-12	MW-13 BR (2)	MW-18 BR (1)	MW-18 BR (2)	MW-19 BR (1)	MW-19 BR (2)	MW-20 BR (1)	MW-20 BR (2)	MW-21 BR (1)	MW-21 BR (2)	Raess Residence	Wendland Residence	Heiser Residence	Enforcement Standards	Preventive Action Limits
Sampling Date	7-10-98	7-13-98	7-13-98	7-13-98	7-10-98	7-10-98	7-10-98	7-10-98	7-10-98	7-10-98	7-10-98	7-10-98	7-10-98	7-27-98	7-27-98	7-27-98		
Benzene	<0.27	<0.27	<6.8	<2.7	<2.7	<0.27	<0.27	<0.54	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.45	<0.27	5.0	0.5
Chloroform	<0.35	<0.35	<8.8	<3.5	<3.5	<0.35	<0.35	<0.70	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	1.5	6.0	0.6
Chloroethane	<0.54	<0.54	<14	<5.4	<5.4	<0.54	<0.54	<1.1	1.2	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	400	80
1,1-Dichloroethene	19	<0.43	74	23	110	1.4	6.9	19	1.2	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	7.0	0.7
cis-1,2-Dichloroethene	38	0.64	910	9.3	71	5.6	22	56	3.2	<0.28	<0.28	<0.28	<0.28	<0.28	0.47	1.2	70	7.0
Dichlorodifluoromethane	<0.47	<0.47	<12	<4.7	<4.7	<0.47	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47	0.47	<0.47	<0.47	1000	200
1,1-Dichloroethane	100	<0.35	150	38	330	11	36	130	7.2	<0.35	<0.35	<0.35	<0.35	1.0	2.0	1.3	850	85
Diisopropyl Ether	<0.55	8.7	<14	<5.5	<5.5	<0.55	<0.55	<1.1	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	700	140
Methylene Chloride	<0.36	<0.36	18	6.0	5.5	<0.36	<0.36	1.3	0.36	<0.36	<0.36	<0.36	<0.36	0.80	1.1	0.62	5.0	0.5
Methyl-Tert-Butyl-Ether	<0.32	<0.32	<8.0	<3.2	<3.2	0.65	<0.32	<0.64	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	60	12
Toluene	0.51	<0.27	<6.8	<2.7	<2.7	<0.27	<0.27	<0.54	0.39	<0.27	0.39	<0.27	<0.27	<0.27	<0.27	<0.27	343	68.6
1,1,1-Trichloroethane	49	<0.30	590	130	820	6.8	31	4.7	<0.30	<0.30	<0.30	<0.30	<0.30	1.1	1.6	0.94	200	40
Trichloroethene	140	13	2,200	770	380	11	44	370	9.5	<0.37	<0.37	<0.37	<0.37	0.52	1.8	1.5	5.0	0.5
Vinyl Chloride	1.0	<0.20	<5.0	<2.0	2.1	<0.20	<0.20	3.5	2.0	<0.20	0.41	<0.20	<0.20	<0.20	<0.20	<0.20	0.2	0.02

KEY: NA - Not Analyzed
 NSF - No Standard Established
 Bold - Exceeds PAL
 Bold and Shaded - Exceeds ES
 ES - Enforcement Standard
 PAL - Preventive Action Limit
 All results reported in ug/l (equivalent to parts per billion)

TECUMSEH MONITORING - CRAFTON FACILITY
GROUNDWATER LABORATORY RESULTS - DECEMBER 1997
 (Detected Compounds Only (1st & 2nd MEI EVENTS) - PYOCs and Method 8260 VOCs)

Well Name	MW-3 BR (2)	MW-3D	MW-9	MW-12	MW-13 BR (2)	MW-18 BR (1)	MW-18 BR (2)	MW-19 BR (1)	MW-19 BR (2)	MW-20 BR (1)	MW-20 BR (2)	MW-21 BR (1)	MW-21 BR (2)	Raess Residence	Lauer Residence	Heiser Residence	Enforcement Standards	Preventive Action Limits
Sampling Date	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97	1/9/98	1/9/98	1/9/98		
Benzene	<0.41	<0.41	<10	<2.0	<2.0	<0.41	<0.41	<0.82	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	5.0	0.5
sec-Butylbenzene	<0.23	<0.23	<5.8	<1.2	<1.2	<0.23	<0.23	<0.46	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	NSE	NSE
n-Butylbenzene	<0.31	<0.31	<7.8	<1.6	<1.6	<0.31	<0.31	<0.62	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	NSE	NSE
Chloroform	<0.25	<0.25	<6.2	<1.2	<1.2	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1.6	6.0	0.6
Chloroethane	<0.25	<0.25	<6.2	<1.2	<1.2	<0.25	<0.25	<0.50	1.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	400	80
1,2-Dichloroethane	<0.24	<0.24	<6.0	<1.2	<1.2	<0.24	<0.24	<0.48	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	5.0	0.5
1,1-Dichloroethene	26	4.7	39	29	80	1.0	2.7	17	0.86	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	0.31	7.0	0.7
cis-1,2-Dichloroethene	41	2.0	1100	11	55	2.9	14	49	4.5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	2.8	70	7.0
Dichlorodifluoromethane	<0.25	0.59	<6.2	<1.2	<1.2	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	0.43	<0.25	<0.25	1000	200
trans-1,2-Dichloroethene	0.59	<0.25	9.0	<1.2	<1.2	<0.25	0.44	0.94	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	20
1,1-Dichloroethane	120	8.3	66	62	250	6.6	29	120	15	<0.26	<0.26	<0.26	<0.26	0.75	2.0	3.0	850	85
Ethylbenzene	<0.23	<0.23	<5.8	<1.2	<1.2	<0.23	<0.23	<0.46	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	700	140
Isopropylbenzene	<0.27	0.90	<6.8	<1.4	<1.4	<0.27	<0.27	<0.54	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	NSE	NSE
p-Isopropyltoluene	<0.22	<0.22	<5.5	<1.1	<1.1	<0.22	<0.22	<0.44	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	NSE	NSE
Methylene Chloride	<0.22	0.34	<5.5	3.4	2.5	<0.22	<0.22	1.3	0.27	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	5.0	0.5
Methyl-Tert-Butyl-Ether	<0.53	<0.53	<13	<2.6	<2.6	<0.53	<0.53	<1.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	60	12
Naphthalene	<0.66	<0.66	<16	<3.3	<3.3	<0.66	<0.66	<1.3	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	40	8
n-Propylbenzene	<0.27	0.49	<6.8	<1.4	<1.4	<0.27	<0.27	<0.54	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	NSE	NSE
Tetrachloroethene	<0.27	<0.27	<6.8	<1.4	<1.4	<0.27	<0.27	<0.54	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.34	5.0	0.5
Toluene	0.80	<0.28	<7.0	<1.4	<1.4	<0.28	<0.28	<0.56	0.38	<0.28	0.96	<0.28	<0.28	<0.28	<0.28	<0.28	343	68.6
1,1,1-Trichloroethane	73	9.1	500	250	670	5.1	23	5.4	<0.27	<0.27	<0.27	<0.27	<0.27	0.83	2.0	2.1	200	40
1,2,4-Trimethylbenzene	<0.30	<0.30	<7.5	<1.5	<1.5	<0.30	<0.30	<0.60	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	NSE	NSE
Trichloroethene	160	9.2	1900	1000	330	6.7	24	280	10	<0.20	<0.20	<0.20	<0.20	0.36	1.5	2.8	5.0	0.5
1,3,5-Trimethylbenzene	<0.25	<0.25	<6.2	<1.2	<1.2	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NSE	NSE
Vinyl Chloride	1.5	4.7	<5.8	<1.2	<1.2	<0.23	<0.23	2.8	0.57	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	0.2	0.02
Xylene, Total	<0.51	<0.51	<13	<2.5	<2.5	<0.51	<0.51	<1.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	620	124

KEY: NA - Not Analyzed
 NSE - No Standard Established
 Bold - Exceeds PAL
 Bold and Shaded - Exceeds ES
 ES - Enforcement Standard
 PAL - Preventive Action Limit
 All results reported in ug/l (equivalent to parts per billion)

**TECUMSEH MONITORING
GRAFTON FACILITY
GROUNDWATER LABORATORY RESULTS
(Detected Compounds Only - Method 8260 VOCs)**

Well Name	MW-3 BR (2)	MW-3D	MW-9	MW-12	MW-13 BR (2)	MW-18 BR (1)	MW-18 BR (2)	MW-19 BR (1)	MW-19 BR (2)	MW-20 BR (1)	MW-20 BR (2)	MW-21 BR (1)	MW-21 BR (2)	Raess Residence	Wendtland Residence	Heiser Residence	Enforcement Standards	Preventive Action Limits
Sampling Date	7/7/97	7/1/97	7/7/97	7/8/97	7/7/97	7/2/97	7/2/97	7/2/97	7/2/97	7/1/97	7/7/97	7/7/97	7/7/97	7/7/97	7/7/97	7/8/97		
Benzene	<0.41	0.63	<4.1	<2.0	<1.0	<0.40	<0.40	<0.40	<0.40	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	5	0.5
sec-Butylbenzene	<0.23	<0.23	<2.3	<1.2	<0.58	<0.49	<0.49	<0.49	<0.49	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	NSE	NSE
n-Butyl-Benzene	<0.31	<0.31	<3.1	<1.6	<0.78	<0.34	<0.34	<0.34	<0.34	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	NSE	NSE
Chloroform	<0.25	<0.25	<2.5	<1.2	<0.62	<0.50	<0.50	<0.50	<0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.97	6.0	0.6
1,2-Dichloroethane	<0.24	2.2	<2.4	<1.2	<0.60	<0.47	<0.47	<0.47	<0.47	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	5	0.5
1,1-Dichloroethene	23	<0.28	36	8.8	23	0.79	6.4	18	0.78	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	7.0	0.7
cis-1,2-Dichloroethene	40	3.6	840	4.6	30	2.6	22	52	2.7	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	0.67	70	7.0
trans-1,2-Dichloroethene	0.68	1.2	8.6	<1.2	<0.62	<0.55	0.57	1.2	<0.55	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	20
1,1-Dichloroethane	130	130	130	22	86	5.3	38	140	2.7	<0.26	<0.26	<0.26	<0.26	<0.26	1.4	0.68	850	85
Ethyl Benzene	<0.23	<0.23	<2.3	<1.2	<0.58	<0.40	<0.40	<0.40	<0.40	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	700	140
Isopropyl Benzene	<0.27	1.5	<2.7	<1.4	<0.68	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	NSE	NSE
p-Isopropyl Toluene	<0.22	<0.22	<2.2	<1.1	<0.55	<0.43	<0.43	<0.43	<0.43	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	NSE	NSE
Methylene Chloride	<0.22	<0.22	<2.2	<1.1	<0.55	<0.42	<0.42	<0.42	<0.42	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	5	0.5
Methyl-Tert-Butyl-Ether	<0.53	<0.53	<5.3	<2.6	<1.3	NA	NA	NA	NA	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	60	12
Naphthalene	<0.66	<0.66	<6.6	<3.3	<1.7	<0.44	<0.44	<0.44	<0.44	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	40	8
n-Propylbenzene	<0.27	0.54	<2.7	<1.4	<0.68	<0.41	<0.41	<0.41	<0.41	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	NSE	NSE
Toluene	0.50	0.58	<2.8	<1.4	<0.70	<0.32	<0.32	<0.32	<0.32	<0.28	0.36	<0.28	<0.28	<0.28	<0.28	<0.28	343	68.6
1,1,1-Trichloroethane	79	29	500	140	250	<0.43	37	<0.43	<0.43	<0.27	<0.27	<0.27	<0.27	<0.27	1.5	<0.27	200	40
1,2,4-Trimethylbenzene	<0.30	<0.30	<3.0	<1.5	<0.75	<0.50	<0.50	<0.50	<0.50	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	NSE	NSE
Trichloroethene	170	2.9	1500	570	200	5.8	38	350	4.7	<0.20	<0.20	<0.20	<0.20	<0.20	1.5	0.92	5.0	0.5
1,3,5-Trimethylbenzene	<0.25	<0.25	<2.5	<1.2	<0.62	<0.56	<0.56	<0.56	<0.56	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NSE	NSE
Vinyl Chloride	1.1	2.4	<2.3	<1.2	1.1	<0.63	<0.63	4.6	1.8	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	0.2	0.02
Xylene, Total	<0.51	<0.51	<5.1	<2.5	<1.3	<0.65	<0.65	<0.65	<0.65	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	620	124

KEY: NA - Not Analyzed
 NSE - No Standard Established
 Bold - Exceeds PAL
 Bold and Shaded - Exceeds ES
 ES - Enforcement Standard
 PAL - Preventive Action Limit
 All results reported in ug/l (equivalent to parts per billion)

Project Number: 3084.18
 Sample Collection Date: December 1, 1994
 Chain-of-Custody Number: 053741

TABLE 23

LABORATORY RESULTS FOR SAMPLING
 OF RESIDENTIAL WELLS IN GRAFTON, WISCONSIN (µg/L)
 TECUMSEH PRODUCTS COMPANY

Parameter	Date	Station I.D. (name of resident)								PAL	ES
		Trip Blank ¹	PW-36 (Groth)	PW-5 (Raess)	PW-38 (Lauer)	PW-101 (Thiele)	PW-102 (Thiele)	PW-30 (Heiser)	Storage Blank		
Acetone	12/1 12/19	7.2 5.0 B(4)	-- --	-- --	-- --	-- --	-- --	12 --	-- --	200	1,000
Methylene chloride	12/1 12/19	0.3 Q 0.2 Q	0.1 Q --	-- --	-- --	-- --	-- --	-- --	-- 0.2 Q	0.5	5
1,1,1-Trichloroethane	12/1 12/19	-- --	0.3 Q 0.3 Q	0.9 0.6	1.8 1.0	-- --	-- --	2.3 2.1	-- --	40	200
1,1-Dichloroethane	12/1 12/19	-- --	-- 0.1 Q	0.7 0.4 Q	0.5 Q 0.2 Q	-- --	-- --	2.8 2.3	-- --	85	850
Trichloroethene	12/1 12/19	-- --	-- --	0.5 Q 0.3 Q	1.1 0.7	-- --	-- 0.1 Q	1.4 1.4	-- --	0.5	5
Chloroform	12/1 12/19	-- --	-- --	-- --	-- --	0.1 Q 0.1 Q	-- --	0.5 0.4 Q	-- --	0.6	6
Benzene	12/1 12/19	-- --	-- --	-- --	0.4 Q 0.5 Q	-- --	-- --	-- --	-- --	0.5	5
1,1-Dichloroethene	12/1 12/19	-- --	-- --	-- --	-- --	-- --	-- --	0.2 Q 0.2 Q	-- --	0.7	7
cis-1,2-Dichloroethene	12/1 12/19	-- --	-- --	-- --	-- --	-- --	-- --	2.0 1.9	-- --	7	70
Tetrachloroethene	12/1 12/19	-- --	-- --	-- --	-- --	-- --	-- --	0.2 Q 0.2 Q	-- --	0.5	5
4-Methyl-2-pentanone	12/1 12/19	-- --	-- --	-- --	-- --	-- --	-- --	2.8 Q --	-- --	50	500

NOTES:

- ¹ Toluene was also detected at 0.06 µg/L Q in the December 19, 1994, sampling round.
 B(4) Analyte was present in the method blank. If the processes that were applied to the sample were applied to the method blank, the value of the analyte (acetone) in the method blank would likely be 4 µg/L.
 Q Concentration reported is greater than the Method Detection Limit, but less than the Practical Quantitation Limit (i.e., the presence of the constituent concentration is not certain).
 ES Enforcement Standard (ES)
 PAL Preventive Action Limit (PAL)
 -- Not detected.

TABLE 21

SUMMARY OF VOCs DETECTED IN DOWNGRADIENT GROUNDWATER (µg/L)¹
TECUMSEH PRODUCTS COMPANY

Well I.D.	Sample Date	Vinyl Chloride	1,1-Dichloroethene	1,1-Dichloroethane	cis-1,2-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Toluene	Ethene	Ethane	Methane
MW-14BR	12-14-94	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
	6-5-96	< 2.0	< 1.0	< 1.0	< 1.0	1.5	1.3	< 1.0	NA	NA	NA
MW-15BR1	12-14-94	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.5	NA	NA	NA
	6-10-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
MW-15BR2	12-14-94	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	NA	NA	NA
	6-10-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
MW-18BR1	8-30-95	< 2.0	< 1.0	< 1.0	< 1.0	1.5	1.4	< 1.0	NA	NA	NA
	6-10-96	< 2.0	1.7	< 1.0	< 1.0	2.5	2.7	< 1.0	NA	NA	NA
	12-4-96	< 2.0	1.3	8.4	4.4	8.4	10	< 1.0	< 0.1	< 0.1	6.6
MW-18BR2	8-30-95	< 2.0	< 1.0	4.7	2.9	5.9	6.3	< 1.0	NA	NA	NA
	6-10-96	< 2.0	5.7	25	18	33	33	< 1.0	NA	NA	NA
	12-4-96	< 2.0	5.0	30	17 ²	35	34	< 1.0	0.2	< 0.1	12.2
MW-19BR1	8-30-95	< 20	< 10	130	36	16	190	< 10	NA	NA	NA
	6-10-96	< 20	< 20	150	54	< 20	380	< 20	NA	NA	NA
	12-4-96	3.6 Q	20	150	70	< 5.0	380	< 5.0	1.2	< 0.1	23.7
MW-19BR2	8-30-95	< 20	< 10	110	22	< 10	220	< 10	NA	NA	NA
	6-10-96	< 2	2.5	18	5.4	2.2	30	< 1.0	NA	NA	NA
	12-4-96	< 2.0	0.8 Q	6.3	1.5	< 1.0	15	< 1.0	0.8	< 0.1	104
MW-20BR1	8-30-95	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
	6-10-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
	12-3-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.1	< 0.1	22.1
MW-20BR2	8-30-95	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	NA	NA	NA
	6-10-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.8	NA	NA	NA
	12-3-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.9	0.2	3,490
MW-21BR1	6-10-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	5.6	NA	NA	NA
	12-3-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.1	< 0.1	< 6.0
MW-21BR2	6-10-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.6	NA	NA	NA
	12-3-96	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.1	< 0.1	< 6.0
NR 140 Enforcement Standard		0.2	7	850	70	200	5	343	NS	NS	NS
NR 140 Preventive Action Limit		0.02	0.7	85	7	40	0.5	68.6	NS	NS	NS

NOTES:

¹ This table includes only those compounds that were detected in at least one sample.

² Qualitative mass spectral evidence of trans-1,2-dichloroethene at 0.7 µg/L; however, concentration is less than the reporting limit.

BOLD Bolded values indicate constituents that exceed NR 140 Preventive Action Limits.

NA Not analyzed.

NS No standard or limit specified by NR 140.

Q Qualitative mass spectral evidence of analyte present: concentration is less than the reporting limit.