

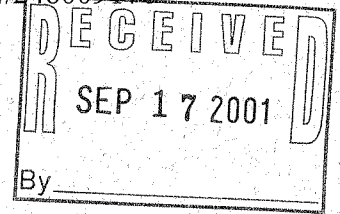
FID# 246009170

Moraine Environmental, Inc.
Environmental Management Services

September 5, 2001

Proj. Ref. #1177
FID#246009170

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



RE: **Biannual Groundwater Monitoring Results – June / July, 2001**
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 June / July, 2001 sampling and analysis of twelve downgradient groundwater monitoring wells and two downgradient potable residential wells for Volatile Organic Compounds (VOCs). Two of the wells (MW-3 BR located at the Tecumseh Products Company and MW-19 BR (2) located downgradient) could not be sampled due to site construction activity prohibiting access (MW-3 BR) and mechanical malfunction (MW-19 BR (2)). 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 from monitoring wells was performed on June 13, 2001. The following downgradient wells were purged and sampled for EPA Method 8260 VOCs analysis:

| | | |
|-------------|--------------|-------------|
| MW - 3D | MW-18 BR (1) | MW-20 BR(2) |
| MW-9 | MW-18 BR (2) | MW-21 BR(1) |
| MW-12 | MW-19 BR(1) | MW-21 BR(2) |
| MW-13 BR(2) | MW-20 BR(1) | MW-22 BR |

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

*NA letters
Well construction
RCL approval letters*

Private water supply wells PW-38 (Wendtland Property) and PW-5 (Raess Property) were also sampled for VOCs.

Groundwater samples from monitoring wells MW-3D, MW-9, MW-12 and MW-22BR 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 and PW-5) 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.


Analytical Results


All 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 summarizing previous 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 detected in monitoring wells MW-9, MW-12, MW-13 BR (2), MW-18 BR (1), MW-18 BR (2), MW-19 BR(1), and MW-22 BR. The Preventive Action Limit for Trichloroethene was slightly exceeded in the private water supply well PW-38. The analytical results were similar to previously acquired analytical results.

Biannual samples will again be collected in December, 2001. If you have any questions or concerns regarding this letter, the monitoring methodologies or results, please call our office at (262) 377-9060.

Sincerely,

MORAINÉ ENVIRONMENTAL, INC.


Thomas C. Sweet
President


Steven Benton
Project Hydrogeologist

cc: Kerry DeKeyser, Tecumseh
Bernd Rehm, RMT

enc.

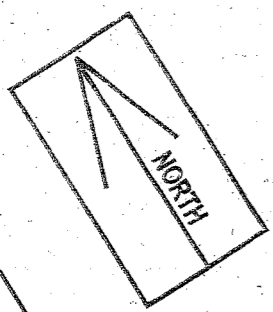
**TABLE 1
TECUMSEH PRODUCTS CO. - GRAFTON FACILITY
JUNE / JULY, 2001 GROUNDWATER LAB RESULTS (detected compounds only)**

| Well Name | MW-3D | MW-9 | MW-12 | MW-13 BR (2) | MW-18 BR (1) | MW-18 BR (2) | MW-19 BR (1) | MW-20 BR (1) | MW-20 BR (2) | MW-21 BR (1) | MW-21 BR (2) | MW-22 BR | Raess Residence (PW-5) | Wendland Residence (PW-38) | NR140 ES | NR140 PAL |
|--------------------------|---------|--------------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------|------------------------------|----------------------------------|-------------|--------------|
| Collection Date | 6/13/01 | 6/13/01 | 6/13/01 | 6/13/01 | 6/13/01 | 6/13/01 | 6/13/01 | 6/13/01 | 6/13/01 | 6/13/01 | 6/13/01 | 6/13/01 | 7/10/01 | 7/10/01 | | |
| 1,1-Dichloroethene | <0.85 | 35 | <2.1 | 98 | 1.5 Q | 8.8 | 12 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | 7.0 | 0.7 |
| cis-1,2-Dichloroethene | <0.27 | 670 | 1.8 Q | 62 | 5.0 | 30 | 40 | <0.27 | <0.27 | <0.27 | <0.27 | 5.2 | <0.73 | <0.73 | 70 | 7.0 |
| trans-1,2-Dichloroethane | <0.35 | 8.6 Q | <0.87 | <1.7 | <0.35 | 0.74 Q | 0.76 Q | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.79 | <0.79 | 100 | 20 |
| 1,1-Dichloroethane | 7.5 | 79 | 1.6 | 360 | 9.7 | 50 | 82 | <0.17 | <0.17 | <0.17 | <0.17 | 1.5 | <0.48 | 2.4 | 850 | 85 |
| Methylene Chloride | <0.36 | <3.6 | <0.90 | <1.8 | 0.41 Q | 0.37 Q | <0.72 | <0.36 | 0.42 Q | 0.40 Q | 0.42 Q | <0.36 | <0.85 | <0.85 | 5.0 | 0.5 |
| Methyl-tert-butyl-ether | <0.20 | <2.0 | <0.50 | <1.0 | 0.36 Q | <0.20 | <0.40 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.67 | <0.67 | 60 | 12 |
| Toluene | <0.13 | <1.3 | <0.33 | 1.5 Q | <0.13 | 0.13 Q | <0.26 | <0.13 | 0.20 Q | <0.13 | <0.13 | <0.13 | <0.47 | <0.47 | 1,000 | 200 |
| 1,1,1-Trichloroethane | <0.21 | 320 | 30 | 640 | <0.21 | 30 | <0.42 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.69 | 1.7 Q | 200 | 40 |
| Trichloroethene | <0.32 | 1,200 | 360 | 330 | 9.9 | 49 | 250 | <0.32 | <0.32 | <0.32 | <0.32 | 39 | <0.89 | 2.7 Q | 5.0 | 0.5 |
| Vinyl Chloride | <0.19 | <1.9 | <0.47 | <0.95 | <0.19 | <0.19 | 2.1 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.18 | <0.18 | 0.2 | 0.02 |

Notes:

All Concentrations and Standards Expressed as Micrograms per Liter (ug/l) (parts per billion)
 NA - Not Analyzed ; Q - parameter detected below quantitative limit (qualified results)
 NSE - No Standard Established ; ND - No Detect ; NSC - No Sample Collected
 ES = NR140.10 Enforcement Standard
 PAL = NR140.10 Preventative Action Limit
 Highlighted and **Bold** results indicate concentrations exceeding WDNR NR140 ES
Bold results indicate concentrations exceeding WDNR NR140 PAL

E:\WORDMSWTEH11\1177GWtable7



PW-38 (WENDTLAND)

PW-5 (RAESS)

MW-12 BR

MW-12 PW-30 (HEISER)

MW-13 BR

MW-9 / MW-9D

MW-3 BR

MW-3D

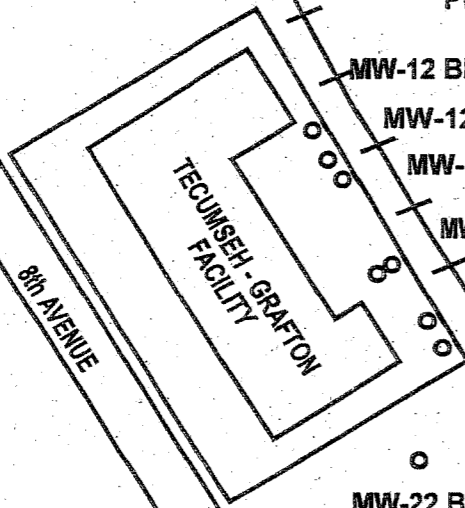
MW-22 BR

MW-18 BR

MW-19 BR

MW-20 BR

MW-21 BR



TECUMSEH-GRAFTON FACILITY

8th AVENUE

GREEN BAY ROAD

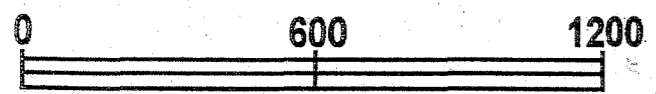
WASHINGTON STREET

12th AVENUE

GRAFTON AVENUE

17th AVENUE

MILWAUKEE RIVER



APP. SCALE IN FEET

SAMPLED WELL LOCATIONS
TECUMSEH PRODUCTS CO., GRAFTON, WI

ATTACHMENT A
ANALYTICAL REPORTS

(Please Print Legibly)

Company Name: Uptime Form Inc.
 Branch or Location: St. Louis
 Project Contact: Steven Benton
 Telephone: (314) 372-9060
 Project Number: 11177
 Project Name: Branch Products Co.
 Project State: Missouri Facility
 Sampled By (Print): Steven Benton



1241 Bellevue St., Suite 9
 Green Bay, WI 54302
 920-469-2436
 FAX 920-469-8827

525 Science Drive
 Madison, WI 53711
 608-232-3300
 FAX: 608-233-0502

CHAIN OF CUSTODY

*Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH
 H = Sodium Bisulfate Solution I = Other
 FILTERED? (YES/NO)
 PRESERVATION (CODE)*

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

Data Package Options
 (please circle if requested)
 Results Only
 EnChem Level III (Subject to Surcharge)
 EnChem Level IV (Subject to Surcharge)

Regulatory Program
 UST
 RCRA
 SDWA
 NPDES
 CERCLA

Matrix Codes
 W=Water
 S=Soil
 A=Air
 C=Charcoal
 B=Biota
 SI=Sludge

ANALYSES REQUESTED
2466 VOCs

TOTAL # OF BOTTLES SENT

| LABORATORY ID (Lab Use Only) | FIELD ID | COLLECTION | | MATRIX | ANALYSES REQUESTED | PRESERVATION (CODE)* | FILTERED? (YES/NO) | D=HNO3 | E=EnCore | F=Methanol | G=NaOH | CLIENT COMMENTS | LAB COMMENTS (Lab Use Only) |
|---------------------------------|--------------|------------|------|--------|--------------------|----------------------|--------------------|--------|----------|------------|--------|-----------------|--------------------------------|
| | | DATE | TIME | | | | | | | | | | |
| 001 | MW-18 | 8/13/01 | | W | | | | | | | | | |
| 002 | MW-17 | | | | | | | | | | | | |
| 003 | MW-12 | | | | | | | | | | | | |
| 004 | MW-18 BR (2) | | | | | | | | | | | | |
| 005 | MW-18 BR (1) | | | | | | | | | | | | |
| 006 | MW-18 BR (2) | | | | | | | | | | | | |
| 007 | MW-19 BR (1) | | | | | | | | | | | | |
| 008 | MW-20 BR (1) | | | | | | | | | | | | |
| 009 | MW-20 BR (2) | | | | | | | | | | | | |
| 010 | MW-21 BR (1) | | | | | | | | | | | | |
| 011 | MW-21 BR (2) | | | | | | | | | | | | |
| 012 | MW-22 BR | | | | | | | | | | | | |
| 013 | Duplicate | | | | | | | | | | | | |

Rush Turnaround Time Requested (TAT) - Prelim
 (Rush TAT subject to approval/surcharge)
 Date Needed: _____
 Transmit Prelim Rush Results by (circle):
 Phone Fax E-Mail
 Phone #: _____
 Fax #: _____
 E-Mail Address: _____
Samples on HOLD are subject to special pricing and release of liability

Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

En Chem Project No. 810617
 Sample Receipt Temp. 15.45
 Sample Receipt pH (Wat/Metals)
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact



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

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client: MORaine ENVIRONMENTAL INC

WI DNR LAB ID : 405132750

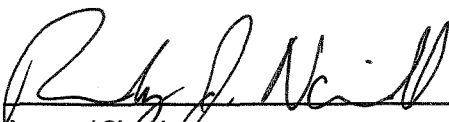
| Sample No. | Field ID | Collection Date | Sample No. | Field ID | Collection Date |
|------------|--------------|-----------------|------------|----------|-----------------|
| 812617-001 | MW-3D | 6/13/01 | | | |
| 812617-002 | MW-9 | 6/13/01 | | | |
| 812617-003 | MW-12 | 6/13/01 | | | |
| 812617-004 | MW-13 BR (2) | 6/13/01 | | | |
| 812617-005 | MW-18 BR (1) | 6/13/01 | | | |
| 812617-006 | MW-18 BR (2) | 6/13/01 | | | |
| 812617-007 | MW-19 BR (1) | 6/13/01 | | | |
| 812617-008 | MW-20 BR (1) | 6/13/01 | | | |
| 812617-009 | MW-20 BR (2) | 6/13/01 | | | |
| 812617-010 | MW-21 BR (1) | 6/13/01 | | | |
| 812617-011 | MW-21 BR (2) | 6/13/01 | | | |
| 812617-012 | MW-22 BR | 6/13/01 | | | |
| 812617-013 | DUPLICATE | 6/13/01 | | | |

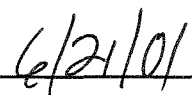
Please visit our Internet homepage at: www.enchem.com

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 comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. Reported results shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested.


Approval Signature


Date

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.
Project Number : 1177
Field ID : MW-3D
Lab Sample Number : 812617-001
WI DNR LAB ID : 405132750

Client : MORAINÉ ENVIRONMENTAL INC
Report Date : 6/19/01
Collection Date : 6/13/01
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: JJB

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromobenzene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromochloromethane | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromodichloromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromoform | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromomethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 6/18/01 | SW846 8260B |
| s-Butylbenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| t-Butylbenzene | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| n-Butylbenzene | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |
| Carbon tetrachloride | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroform | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorobenzene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorodibromomethane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroethane | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloromethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 0.69 | 0.69 | 2.2 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| Dibromomethane | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.31 | 0.31 | 0.99 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethene | < 0.85 | 0.85 | 2.7 | | ug/L | | 6/18/01 | SW846 8260B |
| cis-1,2-Dichloroethene | < 0.27 | 0.27 | 0.86 | | ug/L | | 6/18/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethane | 7.5 | 0.17 | 0.54 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/18/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAIN ENVIRONMENTAL INC

Field ID : MW-3D

Report Date : 6/19/01

Lab Sample Number : 812617-001

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | |
|---------------------------|--------|------|------|--------|---------|-------------|
| 1,1-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | 6/18/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | 6/18/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | 6/18/01 | SW846 8260B |
| Diisopropyl ether | < 0.23 | 0.23 | 0.73 | ug/L | 6/18/01 | SW846 8260B |
| Ethylbenzene | < 0.57 | 0.57 | 1.8 | ug/L | 6/18/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.31 | 0.31 | 0.99 | ug/L | 6/18/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.43 | 0.43 | 1.4 | ug/L | 6/18/01 | SW846 8260B |
| Isopropylbenzene | < 0.19 | 0.19 | 0.61 | ug/L | 6/18/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.25 | 0.25 | 0.80 | ug/L | 6/18/01 | SW846 8260B |
| Methylene chloride | < 0.36 | 0.36 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.20 | 0.20 | 0.64 | ug/L | 6/18/01 | SW846 8260B |
| Naphthalene | < 0.27 | 0.27 | 0.86 | ug/L | 6/18/01 | SW846 8260B |
| n-Propylbenzene | < 0.17 | 0.17 | 0.54 | ug/L | 6/18/01 | SW846 8260B |
| Styrene | < 0.72 | 0.72 | 2.3 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.22 | 0.22 | 0.70 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.30 | 0.30 | 0.96 | ug/L | 6/18/01 | SW846 8260B |
| Tetrachloroethene | < 0.85 | 0.85 | 2.7 | ug/L | 6/18/01 | SW846 8260B |
| Toluene | < 0.13 | 0.13 | 0.41 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.30 | 0.30 | 0.96 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.24 | 0.24 | 0.76 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,1-Trichloroethane | < 0.21 | 0.21 | 0.67 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.33 | 0.33 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.34 | 0.34 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| Trichloroethene | < 0.32 | 0.32 | 1.0 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.89 | 0.89 | 2.8 | ug/L | 6/18/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.29 | 0.29 | 0.92 | ug/L | 6/18/01 | SW846 8260B |
| Vinyl chloride | < 0.19 | 0.19 | 0.61 | ug/L | 6/18/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.35 | 0.35 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| Xylene, -o | < 0.28 | 0.28 | 0.89 | ug/L | 6/18/01 | SW846 8260B |
| 4-Bromofluorobenzene | 106 | | | %Recov | 6/18/01 | SW846 8260B |
| Dibromofluoromethane | 119 | | | %Recov | 6/18/01 | SW846 8260B |
| Toluene-d8 | 119 | | | %Recov | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.
Project Number : 1177
Field ID : MW-9
Lab Sample Number : 812617-002
WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
Report Date : 6/19/01
Collection Date : 6/13/01
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: JJB

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|-----|-----|-----|-------|------|---------------|-----------------|
| Benzene | < 2.9 | 2.9 | 9.2 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromobenzene | < 3.5 | 3.5 | 11 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromochloromethane | < 5.6 | 5.6 | 18 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromodichloromethane | < 3.0 | 3.0 | 9.6 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromoform | < 2.4 | 2.4 | 7.6 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromomethane | < 6.2 | 6.2 | 20 | | ug/L | | 6/18/01 | SW846 8260B |
| s-Butylbenzene | < 2.0 | 2.0 | 6.4 | | ug/L | | 6/18/01 | SW846 8260B |
| t-Butylbenzene | < 2.3 | 2.3 | 7.3 | | ug/L | | 6/18/01 | SW846 8260B |
| n-Butylbenzene | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/18/01 | SW846 8260B |
| Carbon tetrachloride | < 2.2 | 2.2 | 7.0 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroform | < 2.9 | 2.9 | 9.2 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorobenzene | < 1.9 | 1.9 | 6.1 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorodibromomethane | < 28 | 28 | 89 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroethane | < 4.6 | 4.6 | 15 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloromethane | < 4.2 | 4.2 | 13 | | ug/L | | 6/18/01 | SW846 8260B |
| 2-Chlorotoluene | < 1.9 | 1.9 | 6.1 | | ug/L | | 6/18/01 | SW846 8260B |
| 4-Chlorotoluene | < 2.1 | 2.1 | 6.7 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 6.9 | 6.9 | 22 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromoethane | < 4.2 | 4.2 | 13 | | ug/L | | 6/18/01 | SW846 8260B |
| Dibromomethane | < 2.2 | 2.2 | 7.0 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 1.2 | 1.2 | 3.8 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 3.1 | 3.1 | 9.9 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloroethane | < 2.1 | 2.1 | 6.7 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 2.0 | 2.0 | 6.4 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethene | 35 | 8.5 | 27 | | ug/L | | 6/18/01 | SW846 8260B |
| cis-1,2-Dichloroethene | 670 | 2.7 | 8.6 | | ug/L | | 6/18/01 | SW846 8260B |
| Dichlorodifluoromethane | < 1.2 | 1.2 | 3.8 | | ug/L | | 6/18/01 | SW846 8260B |
| trans-1,2-Dichloroethene | 8.6 | 3.5 | 11 | | ug/L | Q | 6/18/01 | SW846 8260B |
| 1,2-Dichloropropane | < 2.3 | 2.3 | 7.3 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethane | 79 | 1.7 | 5.4 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichloropropane | < 14 | 14 | 45 | | ug/L | | 6/18/01 | SW846 8260B |
| 2,2-Dichloropropane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORaine ENVIRONMENTAL INC

Field ID : MW-9

Report Date : 6/19/01

Lab Sample Number : 812617-002

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | |
|---------------------------|-------|-----|-----|--------|---------|-------------|
| 1,1-Dichloropropene | < 4.6 | 4.6 | 15 | ug/L | 6/18/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 2.3 | 2.3 | 7.3 | ug/L | 6/18/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 2.3 | 2.3 | 7.3 | ug/L | 6/18/01 | SW846 8260B |
| Diisopropyl ether | < 2.3 | 2.3 | 7.3 | ug/L | 6/18/01 | SW846 8260B |
| Ethylbenzene | < 5.7 | 5.7 | 18 | ug/L | 6/18/01 | SW846 8260B |
| Fluorotrichloromethane | < 3.1 | 3.1 | 9.9 | ug/L | 6/18/01 | SW846 8260B |
| Hexachlorobutadiene | < 4.3 | 4.3 | 14 | ug/L | 6/18/01 | SW846 8260B |
| Isopropylbenzene | < 1.9 | 1.9 | 6.1 | ug/L | 6/18/01 | SW846 8260B |
| p-Isopropyltoluene | < 2.5 | 2.5 | 8.0 | ug/L | 6/18/01 | SW846 8260B |
| Methylene chloride | < 3.6 | 3.6 | 11 | ug/L | 6/18/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 2.0 | 2.0 | 6.4 | ug/L | 6/18/01 | SW846 8260B |
| Naphthalene | < 2.7 | 2.7 | 8.6 | ug/L | 6/18/01 | SW846 8260B |
| n-Propylbenzene | < 1.7 | 1.7 | 5.4 | ug/L | 6/18/01 | SW846 8260B |
| Styrene | < 7.2 | 7.2 | 23 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 2.2 | 2.2 | 7.0 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 3.0 | 3.0 | 9.6 | ug/L | 6/18/01 | SW846 8260B |
| Tetrachloroethene | < 8.5 | 8.5 | 27 | ug/L | 6/18/01 | SW846 8260B |
| Toluene | < 1.3 | 1.3 | 4.1 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 3.0 | 3.0 | 9.6 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 2.4 | 2.4 | 7.6 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,1-Trichloroethane | 320 | 2.1 | 6.7 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 3.3 | 3.3 | 11 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 3.4 | 3.4 | 11 | ug/L | 6/18/01 | SW846 8260B |
| Trichloroethene | 1200 | 3.2 | 10 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 8.9 | 8.9 | 28 | ug/L | 6/18/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 2.9 | 2.9 | 9.2 | ug/L | 6/18/01 | SW846 8260B |
| Vinyl chloride | < 1.9 | 1.9 | 6.1 | ug/L | 6/18/01 | SW846 8260B |
| Xylenes, -m, -p | < 3.5 | 3.5 | 11 | ug/L | 6/18/01 | SW846 8260B |
| Xylene, -o | < 2.8 | 2.8 | 8.9 | ug/L | 6/18/01 | SW846 8260B |
| 4-Bromofluorobenzene | 107 | | | %Recov | 6/18/01 | SW846 8260B |
| Dibromofluoromethane | 118 | | | %Recov | 6/18/01 | SW846 8260B |
| Toluene-d8 | 119 | | | %Recov | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAIN ENVIRONMENTAL INC

Field ID : MW-12

Report Date : 6/20/01

Lab Sample Number : 812617-003

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.72 | 0.72 | 2.3 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromobenzene | < 0.87 | 0.87 | 2.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromochloromethane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromodichloromethane | < 0.75 | 0.75 | 2.4 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromoform | < 0.60 | 0.60 | 1.9 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromomethane | < 1.6 | 1.6 | 5.1 | | ug/L | | 6/19/01 | SW846 8260B |
| s-Butylbenzene | < 0.50 | 0.50 | 1.6 | | ug/L | | 6/19/01 | SW846 8260B |
| t-Butylbenzene | < 0.58 | 0.58 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| n-Butylbenzene | < 0.70 | 0.70 | 2.2 | | ug/L | | 6/19/01 | SW846 8260B |
| Carbon tetrachloride | < 0.55 | 0.55 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroform | < 0.72 | 0.72 | 2.3 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorobenzene | < 0.47 | 0.47 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorodibromomethane | < 7.0 | 7.0 | 22 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroethane | < 1.2 | 1.2 | 3.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloromethane | < 1.1 | 1.1 | 3.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.47 | 0.47 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.53 | 0.53 | 1.7 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 1.7 | 1.7 | 5.4 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromoethane | < 1.1 | 1.1 | 3.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Dibromomethane | < 0.55 | 0.55 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.78 | 0.78 | 2.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.53 | 0.53 | 1.7 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.50 | 0.50 | 1.6 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethene | < 2.1 | 2.1 | 6.7 | | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,2-Dichloroethene | 1.8 | 0.68 | 2.2 | | ug/L | Q | 6/19/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.87 | 0.87 | 2.8 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.58 | 0.58 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethane | 1.6 | 0.43 | 1.4 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichloropropane | < 3.5 | 3.5 | 11 | | ug/L | | 6/19/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.70 | 0.70 | 2.2 | | ug/L | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAINÉ ENVIRONMENTAL INC

Field ID : MW-12

Report Date : 6/20/01

Lab Sample Number : 812617-003

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | |
|---------------------------|--------|------|-----|--------|---------|-------------|
| 1,1-Dichloropropene | < 1.2 | 1.2 | 3.8 | ug/L | 6/19/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.58 | 0.58 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.58 | 0.58 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| Diisopropyl ether | < 0.58 | 0.58 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| Ethylbenzene | < 1.4 | 1.4 | 4.5 | ug/L | 6/19/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.78 | 0.78 | 2.5 | ug/L | 6/19/01 | SW846 8260B |
| Hexachlorobutadiene | < 1.1 | 1.1 | 3.5 | ug/L | 6/19/01 | SW846 8260B |
| Isopropylbenzene | < 0.47 | 0.47 | 1.5 | ug/L | 6/19/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.62 | 0.62 | 2.0 | ug/L | 6/19/01 | SW846 8260B |
| Methylene chloride | < 0.90 | 0.90 | 2.9 | ug/L | 6/19/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.50 | 0.50 | 1.6 | ug/L | 6/19/01 | SW846 8260B |
| Naphthalene | < 0.68 | 0.68 | 2.2 | ug/L | 6/19/01 | SW846 8260B |
| n-Propylbenzene | < 0.43 | 0.43 | 1.4 | ug/L | 6/19/01 | SW846 8260B |
| Styrene | < 1.8 | 1.8 | 5.7 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.55 | 0.55 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.75 | 0.75 | 2.4 | ug/L | 6/19/01 | SW846 8260B |
| Tetrachloroethene | < 2.1 | 2.1 | 6.7 | ug/L | 6/19/01 | SW846 8260B |
| Toluene | < 0.33 | 0.33 | 1.1 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.75 | 0.75 | 2.4 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.60 | 0.60 | 1.9 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,1-Trichloroethane | 30 | 0.53 | 1.7 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.83 | 0.83 | 2.6 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.85 | 0.85 | 2.7 | ug/L | 6/19/01 | SW846 8260B |
| Trichloroethene | 360 | 0.80 | 2.5 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 2.2 | 2.2 | 7.0 | ug/L | 6/19/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.72 | 0.72 | 2.3 | ug/L | 6/19/01 | SW846 8260B |
| Vinyl chloride | < 0.47 | 0.47 | 1.5 | ug/L | 6/19/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.87 | 0.87 | 2.8 | ug/L | 6/19/01 | SW846 8260B |
| Xylene, -o | < 0.70 | 0.70 | 2.2 | ug/L | 6/19/01 | SW846 8260B |
| 4-Bromofluorobenzene | 85 | | | %Recov | 6/19/01 | SW846 8260B |
| Dibromofluoromethane | 95 | | | %Recov | 6/19/01 | SW846 8260B |
| Toluene-d8 | 95 | | | %Recov | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAIN ENVIRONMENTAL INC

Field ID : MW-13 BR (2)

Report Date : 6/20/01

Lab Sample Number : 812617-004

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|-----|-----|-------|------|---------------|-----------------|
| Benzene | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromobenzene | < 1.7 | 1.7 | 5.4 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromochloromethane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromodichloromethane | < 1.5 | 1.5 | 4.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromoform | < 1.2 | 1.2 | 3.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromomethane | < 3.1 | 3.1 | 9.9 | | ug/L | | 6/19/01 | SW846 8260B |
| s-Butylbenzene | < 1.0 | 1.0 | 3.2 | | ug/L | | 6/19/01 | SW846 8260B |
| t-Butylbenzene | < 1.2 | 1.2 | 3.8 | | ug/L | | 6/19/01 | SW846 8260B |
| n-Butylbenzene | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Carbon tetrachloride | < 1.1 | 1.1 | 3.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroform | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorobenzene | < 0.95 | 0.95 | 3.0 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorodibromomethane | < 14 | 14 | 45 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroethane | < 2.3 | 2.3 | 7.3 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloromethane | < 2.1 | 2.1 | 6.7 | | ug/L | | 6/19/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.95 | 0.95 | 3.0 | | ug/L | | 6/19/01 | SW846 8260B |
| 4-Chlorotoluene | < 1.1 | 1.1 | 3.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 3.4 | 3.4 | 11 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromoethane | < 2.1 | 2.1 | 6.7 | | ug/L | | 6/19/01 | SW846 8260B |
| Dibromomethane | < 1.1 | 1.1 | 3.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.60 | 0.60 | 1.9 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 1.6 | 1.6 | 5.1 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloroethane | < 1.1 | 1.1 | 3.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 1.0 | 1.0 | 3.2 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethene | 98 | 4.2 | 13 | | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,2-Dichloroethene | 62 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.60 | 0.60 | 1.9 | | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 1.7 | 1.7 | 5.4 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloropropane | < 1.2 | 1.2 | 3.8 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethane | 360 | 0.85 | 2.7 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichloropropane | < 7.0 | 7.0 | 22 | | ug/L | | 6/19/01 | SW846 8260B |
| 2,2-Dichloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORaine ENVIRONMENTAL INC

Field ID : MW-13 BR (2)

Report Date : 6/20/01

Lab Sample Number : 812617-004

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | | |
|---------------------------|--------|------|-----|--------|---|---------|-------------|
| 1,1-Dichloropropene | < 2.3 | 2.3 | 7.3 | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 1.2 | 1.2 | 3.8 | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 1.2 | 1.2 | 3.8 | ug/L | | 6/19/01 | SW846 8260B |
| Diisopropyl ether | < 1.2 | 1.2 | 3.8 | ug/L | | 6/19/01 | SW846 8260B |
| Ethylbenzene | < 2.8 | 2.8 | 8.9 | ug/L | | 6/19/01 | SW846 8260B |
| Fluorotrichloromethane | < 1.6 | 1.6 | 5.1 | ug/L | | 6/19/01 | SW846 8260B |
| Hexachlorobutadiene | < 2.1 | 2.1 | 6.7 | ug/L | | 6/19/01 | SW846 8260B |
| Isopropylbenzene | < 0.95 | 0.95 | 3.0 | ug/L | | 6/19/01 | SW846 8260B |
| p-Isopropyltoluene | < 1.2 | 1.2 | 3.8 | ug/L | | 6/19/01 | SW846 8260B |
| Methylene chloride | < 1.8 | 1.8 | 5.7 | ug/L | | 6/19/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 1.0 | 1.0 | 3.2 | ug/L | | 6/19/01 | SW846 8260B |
| Naphthalene | < 1.4 | 1.4 | 4.5 | ug/L | | 6/19/01 | SW846 8260B |
| n-Propylbenzene | < 0.85 | 0.85 | 2.7 | ug/L | | 6/19/01 | SW846 8260B |
| Styrene | < 3.6 | 3.6 | 11 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 1.1 | 1.1 | 3.5 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 1.5 | 1.5 | 4.8 | ug/L | | 6/19/01 | SW846 8260B |
| Tetrachloroethene | < 4.2 | 4.2 | 13 | ug/L | | 6/19/01 | SW846 8260B |
| Toluene | 1.5 | 0.65 | 2.1 | ug/L | Q | 6/19/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 1.5 | 1.5 | 4.8 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 1.2 | 1.2 | 3.8 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,1-Trichloroethane | 640 | 1.1 | 3.5 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 1.7 | 1.7 | 5.4 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 1.7 | 1.7 | 5.4 | ug/L | | 6/19/01 | SW846 8260B |
| Trichloroethene | 330 | 1.6 | 5.1 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 4.5 | 4.5 | 14 | ug/L | | 6/19/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 1.4 | 1.4 | 4.5 | ug/L | | 6/19/01 | SW846 8260B |
| Vinyl chloride | < 0.95 | 0.95 | 3.0 | ug/L | | 6/19/01 | SW846 8260B |
| Xylenes, -m, -p | < 1.7 | 1.7 | 5.4 | ug/L | | 6/19/01 | SW846 8260B |
| Xylene, -o | < 1.4 | 1.4 | 4.5 | ug/L | | 6/19/01 | SW846 8260B |
| 4-Bromofluorobenzene | 84 | | | %Recov | | 6/19/01 | SW846 8260B |
| Dibromofluoromethane | 95 | | | %Recov | | 6/19/01 | SW846 8260B |
| Toluene-d8 | 93 | | | %Recov | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.
Project Number : 1177
Field ID : MW-18 BR (1)
Lab Sample Number : 812617-005
WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC
Report Date : 6/19/01
Collection Date : 6/13/01
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B Prep Date: 6/15/01 Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromobenzene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromochloromethane | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromodichloromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromoform | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromomethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 6/18/01 | SW846 8260B |
| s-Butylbenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| t-Butylbenzene | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| n-Butylbenzene | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |
| Carbon tetrachloride | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroform | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorobenzene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorodibromomethane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroethane | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloromethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 0.69 | 0.69 | 2.2 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| Dibromomethane | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.31 | 0.31 | 0.99 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethene | 1.5 | 0.85 | 2.7 | | ug/L | Q | 6/18/01 | SW846 8260B |
| cis-1,2-Dichloroethene | 5.0 | 0.27 | 0.86 | | ug/L | | 6/18/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethane | 9.7 | 0.17 | 0.54 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/18/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAINÉ ENVIRONMENTAL INC

Field ID : MW-18 BR (1)

Report Date : 6/19/01

Lab Sample Number : 812617-005

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | | |
|---------------------------|--------|------|------|--------|---|---------|-------------|
| 1,1-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | | 6/18/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/18/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/18/01 | SW846 8260B |
| Diisopropyl ether | < 0.23 | 0.23 | 0.73 | ug/L | | 6/18/01 | SW846 8260B |
| Ethylbenzene | < 0.57 | 0.57 | 1.8 | ug/L | | 6/18/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.31 | 0.31 | 0.99 | ug/L | | 6/18/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.43 | 0.43 | 1.4 | ug/L | | 6/18/01 | SW846 8260B |
| Isopropylbenzene | < 0.19 | 0.19 | 0.61 | ug/L | | 6/18/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.25 | 0.25 | 0.80 | ug/L | | 6/18/01 | SW846 8260B |
| Methylene chloride | 0.41 | 0.36 | 1.1 | ug/L | Q | 6/18/01 | SW846 8260B |
| Methyl-tert-butyl-ether | 0.36 | 0.20 | 0.64 | ug/L | Q | 6/18/01 | SW846 8260B |
| Naphthalene | < 0.27 | 0.27 | 0.86 | ug/L | | 6/18/01 | SW846 8260B |
| n-Propylbenzene | < 0.17 | 0.17 | 0.54 | ug/L | | 6/18/01 | SW846 8260B |
| Styrene | < 0.72 | 0.72 | 2.3 | ug/L | | 6/18/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.22 | 0.22 | 0.70 | ug/L | | 6/18/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.30 | 0.30 | 0.96 | ug/L | | 6/18/01 | SW846 8260B |
| Tetrachloroethene | < 0.85 | 0.85 | 2.7 | ug/L | | 6/18/01 | SW846 8260B |
| Toluene | < 0.13 | 0.13 | 0.41 | ug/L | | 6/18/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.30 | 0.30 | 0.96 | ug/L | | 6/18/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.24 | 0.24 | 0.76 | ug/L | | 6/18/01 | SW846 8260B |
| 1,1,1-Trichloroethane | < 0.21 | 0.21 | 0.67 | ug/L | | 6/18/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.33 | 0.33 | 1.1 | ug/L | | 6/18/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.34 | 0.34 | 1.1 | ug/L | | 6/18/01 | SW846 8260B |
| Trichloroethene | 9.9 | 0.32 | 1.0 | ug/L | | 6/18/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.89 | 0.89 | 2.8 | ug/L | | 6/18/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.29 | 0.29 | 0.92 | ug/L | | 6/18/01 | SW846 8260B |
| Vinyl chloride | < 0.19 | 0.19 | 0.61 | ug/L | | 6/18/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.35 | 0.35 | 1.1 | ug/L | | 6/18/01 | SW846 8260B |
| Xylene, -o | < 0.28 | 0.28 | 0.89 | ug/L | | 6/18/01 | SW846 8260B |
| 4-Bromofluorobenzene | 84 | | | %Recov | | 6/18/01 | SW846 8260B |
| Dibromofluoromethane | 96 | | | %Recov | | 6/18/01 | SW846 8260B |
| Toluene-d8 | 94 | | | %Recov | | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAINÉ ENVIRONMENTAL INC

Field ID : MW-18 BR (2)

Report Date : 6/20/01

Lab Sample Number : 812617-006

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromobenzene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromochloromethane | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromodichloromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromoform | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromomethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 6/19/01 | SW846 8260B |
| s-Butylbenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/19/01 | SW846 8260B |
| t-Butylbenzene | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/19/01 | SW846 8260B |
| n-Butylbenzene | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/19/01 | SW846 8260B |
| Carbon tetrachloride | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroform | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorobenzene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorodibromomethane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroethane | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloromethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/19/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 0.69 | 0.69 | 2.2 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| Dibromomethane | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.31 | 0.31 | 0.99 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethene | 8.8 | 0.85 | 2.7 | | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,2-Dichloroethene | 30 | 0.27 | 0.86 | | ug/L | | 6/19/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,2-Dichloroethene | 0.74 | 0.35 | 1.1 | | ug/L | Q | 6/19/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethane | 50 | 0.17 | 0.54 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAINÉ ENVIRONMENTAL INC

Field ID : MW-18 BR (2)

Report Date : 6/20/01

Lab Sample Number : 812617-006

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | | |
|---------------------------|--------|------|------|--------|---|---------|-------------|
| 1,1-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/19/01 | SW846 8260B |
| Diisopropyl ether | < 0.23 | 0.23 | 0.73 | ug/L | | 6/19/01 | SW846 8260B |
| Ethylbenzene | < 0.57 | 0.57 | 1.8 | ug/L | | 6/19/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.31 | 0.31 | 0.99 | ug/L | | 6/19/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.43 | 0.43 | 1.4 | ug/L | | 6/19/01 | SW846 8260B |
| Isopropylbenzene | < 0.19 | 0.19 | 0.61 | ug/L | | 6/19/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.25 | 0.25 | 0.80 | ug/L | | 6/19/01 | SW846 8260B |
| Methylene chloride | 0.37 | 0.36 | 1.1 | ug/L | Q | 6/19/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.20 | 0.20 | 0.64 | ug/L | | 6/19/01 | SW846 8260B |
| Naphthalene | < 0.27 | 0.27 | 0.86 | ug/L | | 6/19/01 | SW846 8260B |
| n-Propylbenzene | < 0.17 | 0.17 | 0.54 | ug/L | | 6/19/01 | SW846 8260B |
| Styrene | < 0.72 | 0.72 | 2.3 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.22 | 0.22 | 0.70 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.30 | 0.30 | 0.96 | ug/L | | 6/19/01 | SW846 8260B |
| Tetrachloroethene | < 0.85 | 0.85 | 2.7 | ug/L | | 6/19/01 | SW846 8260B |
| Toluene | 0.13 | 0.13 | 0.41 | ug/L | Q | 6/19/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.30 | 0.30 | 0.96 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.24 | 0.24 | 0.76 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,1-Trichloroethane | 30 | 0.21 | 0.67 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.33 | 0.33 | 1.1 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.34 | 0.34 | 1.1 | ug/L | | 6/19/01 | SW846 8260B |
| Trichloroethene | 49 | 0.32 | 1.0 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.89 | 0.89 | 2.8 | ug/L | | 6/19/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.29 | 0.29 | 0.92 | ug/L | | 6/19/01 | SW846 8260B |
| Vinyl chloride | < 0.19 | 0.19 | 0.61 | ug/L | | 6/19/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.35 | 0.35 | 1.1 | ug/L | | 6/19/01 | SW846 8260B |
| Xylene, -o | < 0.28 | 0.28 | 0.89 | ug/L | | 6/19/01 | SW846 8260B |
| 4-Bromofluorobenzene | 84 | | | %Recov | | 6/19/01 | SW846 8260B |
| Dibromofluoromethane | 95 | | | %Recov | | 6/19/01 | SW846 8260B |
| Toluene-d8 | 94 | | | %Recov | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAIN ENVIRONMENTAL INC

Field ID : MW-19 BR (1)

Report Date : 6/20/01

Lab Sample Number : 812617-007

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B Prep Date: 6/15/01 Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.58 | 0.58 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromobenzene | < 0.70 | 0.70 | 2.2 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromochloromethane | < 1.1 | 1.1 | 3.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromodichloromethane | < 0.60 | 0.60 | 1.9 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromoform | < 0.48 | 0.48 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromomethane | < 1.2 | 1.2 | 3.8 | | ug/L | | 6/19/01 | SW846 8260B |
| s-Butylbenzene | < 0.40 | 0.40 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| t-Butylbenzene | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| n-Butylbenzene | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Carbon tetrachloride | < 0.44 | 0.44 | 1.4 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroform | < 0.58 | 0.58 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorobenzene | < 0.38 | 0.38 | 1.2 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorodibromomethane | < 5.6 | 5.6 | 18 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroethane | < 0.92 | 0.92 | 2.9 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloromethane | < 0.84 | 0.84 | 2.7 | | ug/L | | 6/19/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.38 | 0.38 | 1.2 | | ug/L | | 6/19/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.84 | 0.84 | 2.7 | | ug/L | | 6/19/01 | SW846 8260B |
| Dibromomethane | < 0.44 | 0.44 | 1.4 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.62 | 0.62 | 2.0 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.40 | 0.40 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethene | 12 | 1.7 | 5.4 | | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,2-Dichloroethene | 40 | 0.54 | 1.7 | | ug/L | | 6/19/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,2-Dichloroethene | 0.76 | 0.70 | 2.2 | | ug/L | Q | 6/19/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethane | 82 | 0.34 | 1.1 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichloropropane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/19/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAIN ENVIRONMENTAL INC

Field ID : MW-19 BR (1)

Report Date : 6/20/01

Lab Sample Number : 812617-007

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | |
|---------------------------|--------|------|------|--------|---------|-------------|
| 1,1-Dichloropropene | < 0.92 | 0.92 | 2.9 | ug/L | 6/19/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | 6/19/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | 6/19/01 | SW846 8260B |
| Diisopropyl ether | < 0.46 | 0.46 | 1.5 | ug/L | 6/19/01 | SW846 8260B |
| Ethylbenzene | < 1.1 | 1.1 | 3.5 | ug/L | 6/19/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.62 | 0.62 | 2.0 | ug/L | 6/19/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.86 | 0.86 | 2.7 | ug/L | 6/19/01 | SW846 8260B |
| Isopropylbenzene | < 0.38 | 0.38 | 1.2 | ug/L | 6/19/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.50 | 0.50 | 1.6 | ug/L | 6/19/01 | SW846 8260B |
| Methylene chloride | < 0.72 | 0.72 | 2.3 | ug/L | 6/19/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.40 | 0.40 | 1.3 | ug/L | 6/19/01 | SW846 8260B |
| Naphthalene | < 0.54 | 0.54 | 1.7 | ug/L | 6/19/01 | SW846 8260B |
| n-Propylbenzene | < 0.34 | 0.34 | 1.1 | ug/L | 6/19/01 | SW846 8260B |
| Styrene | < 1.4 | 1.4 | 4.5 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.44 | 0.44 | 1.4 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.60 | 0.60 | 1.9 | ug/L | 6/19/01 | SW846 8260B |
| Tetrachloroethene | < 1.7 | 1.7 | 5.4 | ug/L | 6/19/01 | SW846 8260B |
| Toluene | < 0.26 | 0.26 | 0.83 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.60 | 0.60 | 1.9 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.48 | 0.48 | 1.5 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,1-Trichloroethane | < 0.42 | 0.42 | 1.3 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.66 | 0.66 | 2.1 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.68 | 0.68 | 2.2 | ug/L | 6/19/01 | SW846 8260B |
| Trichloroethene | 250 | 0.64 | 2.0 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 1.8 | 1.8 | 5.7 | ug/L | 6/19/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.58 | 0.58 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| Vinyl chloride | 2.1 | 0.38 | 1.2 | ug/L | 6/19/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.70 | 0.70 | 2.2 | ug/L | 6/19/01 | SW846 8260B |
| Xylene, -o | < 0.56 | 0.56 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| 4-Bromofluorobenzene | 85 | | | %Recov | 6/19/01 | SW846 8260B |
| Dibromofluoromethane | 92 | | | %Recov | 6/19/01 | SW846 8260B |
| Toluene-d8 | 96 | | | %Recov | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAINÉ ENVIRONMENTAL INC

Field ID : MW-20 BR (1)

Report Date : 6/19/01

Lab Sample Number : 812617-008

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromobenzene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromochloromethane | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromodichloromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromoform | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromomethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 6/18/01 | SW846 8260B |
| s-Butylbenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| t-Butylbenzene | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| n-Butylbenzene | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |
| Carbon tetrachloride | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroform | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorobenzene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorodibromomethane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroethane | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloromethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 0.69 | 0.69 | 2.2 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| Dibromomethane | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.31 | 0.31 | 0.99 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethene | < 0.85 | 0.85 | 2.7 | | ug/L | | 6/18/01 | SW846 8260B |
| cis-1,2-Dichloroethene | < 0.27 | 0.27 | 0.86 | | ug/L | | 6/18/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethane | < 0.17 | 0.17 | 0.54 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/18/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAINÉ ENVIRONMENTAL INC

Field ID : MW-20 BR (1)

Report Date : 6/19/01

Lab Sample Number : 812617-008

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | |
|---------------------------|--------|------|------|--------|---------|-------------|
| 1,1-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | 6/18/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | 6/18/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | 6/18/01 | SW846 8260B |
| Diisopropyl ether | < 0.23 | 0.23 | 0.73 | ug/L | 6/18/01 | SW846 8260B |
| Ethylbenzene | < 0.57 | 0.57 | 1.8 | ug/L | 6/18/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.31 | 0.31 | 0.99 | ug/L | 6/18/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.43 | 0.43 | 1.4 | ug/L | 6/18/01 | SW846 8260B |
| Isopropylbenzene | < 0.19 | 0.19 | 0.61 | ug/L | 6/18/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.25 | 0.25 | 0.80 | ug/L | 6/18/01 | SW846 8260B |
| Methylene chloride | < 0.36 | 0.36 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.20 | 0.20 | 0.64 | ug/L | 6/18/01 | SW846 8260B |
| Naphthalene | < 0.27 | 0.27 | 0.86 | ug/L | 6/18/01 | SW846 8260B |
| n-Propylbenzene | < 0.17 | 0.17 | 0.54 | ug/L | 6/18/01 | SW846 8260B |
| Styrene | < 0.72 | 0.72 | 2.3 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.22 | 0.22 | 0.70 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.30 | 0.30 | 0.96 | ug/L | 6/18/01 | SW846 8260B |
| Tetrachloroethene | < 0.85 | 0.85 | 2.7 | ug/L | 6/18/01 | SW846 8260B |
| Toluene | < 0.13 | 0.13 | 0.41 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.30 | 0.30 | 0.96 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.24 | 0.24 | 0.76 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,1-Trichloroethane | < 0.21 | 0.21 | 0.67 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.33 | 0.33 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.34 | 0.34 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| Trichloroethene | < 0.32 | 0.32 | 1.0 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.89 | 0.89 | 2.8 | ug/L | 6/18/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.29 | 0.29 | 0.92 | ug/L | 6/18/01 | SW846 8260B |
| Vinyl chloride | < 0.19 | 0.19 | 0.61 | ug/L | 6/18/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.35 | 0.35 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| Xylene, -o | < 0.28 | 0.28 | 0.89 | ug/L | 6/18/01 | SW846 8260B |
| 4-Bromofluorobenzene | 86 | | | %Recov | 6/18/01 | SW846 8260B |
| Dibromofluoromethane | 93 | | | %Recov | 6/18/01 | SW846 8260B |
| Toluene-d8 | 95 | | | %Recov | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAIN ENVIRONMENTAL INC

Field ID : MW-20 BR (2)

Report Date : 6/20/01

Lab Sample Number : 812617-009

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromobenzene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromochloromethane | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromodichloromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromoform | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromomethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 6/19/01 | SW846 8260B |
| s-Butylbenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/19/01 | SW846 8260B |
| t-Butylbenzene | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/19/01 | SW846 8260B |
| n-Butylbenzene | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/19/01 | SW846 8260B |
| Carbon tetrachloride | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroform | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorobenzene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorodibromomethane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroethane | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloromethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/19/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 0.69 | 0.69 | 2.2 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| Dibromomethane | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.31 | 0.31 | 0.99 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethene | < 0.85 | 0.85 | 2.7 | | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,2-Dichloroethene | < 0.27 | 0.27 | 0.86 | | ug/L | | 6/19/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethane | < 0.17 | 0.17 | 0.54 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORaine ENVIRONMENTAL INC

Field ID : MW-20 BR (2)

Report Date : 6/20/01

Lab Sample Number : 812617-009

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | | |
|---------------------------|--------|------|------|--------|---|---------|-------------|
| 1,1-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/19/01 | SW846 8260B |
| Diisopropyl ether | < 0.23 | 0.23 | 0.73 | ug/L | | 6/19/01 | SW846 8260B |
| Ethylbenzene | < 0.57 | 0.57 | 1.8 | ug/L | | 6/19/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.31 | 0.31 | 0.99 | ug/L | | 6/19/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.43 | 0.43 | 1.4 | ug/L | | 6/19/01 | SW846 8260B |
| Isopropylbenzene | < 0.19 | 0.19 | 0.61 | ug/L | | 6/19/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.25 | 0.25 | 0.80 | ug/L | | 6/19/01 | SW846 8260B |
| Methylene chloride | 0.42 | 0.36 | 1.1 | ug/L | Q | 6/19/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.20 | 0.20 | 0.64 | ug/L | | 6/19/01 | SW846 8260B |
| Naphthalene | < 0.27 | 0.27 | 0.86 | ug/L | | 6/19/01 | SW846 8260B |
| n-Propylbenzene | < 0.17 | 0.17 | 0.54 | ug/L | | 6/19/01 | SW846 8260B |
| Styrene | < 0.72 | 0.72 | 2.3 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.22 | 0.22 | 0.70 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.30 | 0.30 | 0.96 | ug/L | | 6/19/01 | SW846 8260B |
| Tetrachloroethene | < 0.85 | 0.85 | 2.7 | ug/L | | 6/19/01 | SW846 8260B |
| Toluene | 0.20 | 0.13 | 0.41 | ug/L | Q | 6/19/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.30 | 0.30 | 0.96 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.24 | 0.24 | 0.76 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,1-Trichloroethane | < 0.21 | 0.21 | 0.67 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.33 | 0.33 | 1.1 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.34 | 0.34 | 1.1 | ug/L | | 6/19/01 | SW846 8260B |
| Trichloroethene | < 0.32 | 0.32 | 1.0 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.89 | 0.89 | 2.8 | ug/L | | 6/19/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.29 | 0.29 | 0.92 | ug/L | | 6/19/01 | SW846 8260B |
| Vinyl chloride | < 0.19 | 0.19 | 0.61 | ug/L | | 6/19/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.35 | 0.35 | 1.1 | ug/L | | 6/19/01 | SW846 8260B |
| Xylene, -o | < 0.28 | 0.28 | 0.89 | ug/L | | 6/19/01 | SW846 8260B |
| 4-Bromofluorobenzene | 84 | | | %Recov | | 6/19/01 | SW846 8260B |
| Dibromofluoromethane | 96 | | | %Recov | | 6/19/01 | SW846 8260B |
| Toluene-d8 | 95 | | | %Recov | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAINÉ ENVIRONMENTAL INC

Field ID : MW-21 BR (1)

Report Date : 6/19/01

Lab Sample Number : 812617-010

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromobenzene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromochloromethane | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromodichloromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromoform | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromomethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 6/18/01 | SW846 8260B |
| s-Butylbenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| t-Butylbenzene | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| n-Butylbenzene | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |
| Carbon tetrachloride | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroform | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorobenzene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorodibromomethane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroethane | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloromethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 0.69 | 0.69 | 2.2 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| Dibromomethane | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.31 | 0.31 | 0.99 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethene | < 0.85 | 0.85 | 2.7 | | ug/L | | 6/18/01 | SW846 8260B |
| cis-1,2-Dichloroethene | < 0.27 | 0.27 | 0.86 | | ug/L | | 6/18/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethane | < 0.17 | 0.17 | 0.54 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/18/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAINÉ ENVIRONMENTAL INC

Field ID : MW-21 BR (1)

Report Date : 6/19/01

Lab Sample Number : 812617-010

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | | |
|---------------------------|--------|------|------|--------|---|---------|-------------|
| 1,1-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | | 6/18/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/18/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/18/01 | SW846 8260B |
| Diisopropyl ether | < 0.23 | 0.23 | 0.73 | ug/L | | 6/18/01 | SW846 8260B |
| Ethylbenzene | < 0.57 | 0.57 | 1.8 | ug/L | | 6/18/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.31 | 0.31 | 0.99 | ug/L | | 6/18/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.43 | 0.43 | 1.4 | ug/L | | 6/18/01 | SW846 8260B |
| Isopropylbenzene | < 0.19 | 0.19 | 0.61 | ug/L | | 6/18/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.25 | 0.25 | 0.80 | ug/L | | 6/18/01 | SW846 8260B |
| Methylene chloride | 0.40 | 0.36 | 1.1 | ug/L | Q | 6/18/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.20 | 0.20 | 0.64 | ug/L | | 6/18/01 | SW846 8260B |
| Naphthalene | < 0.27 | 0.27 | 0.86 | ug/L | | 6/18/01 | SW846 8260B |
| n-Propylbenzene | < 0.17 | 0.17 | 0.54 | ug/L | | 6/18/01 | SW846 8260B |
| Styrene | < 0.72 | 0.72 | 2.3 | ug/L | | 6/18/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.22 | 0.22 | 0.70 | ug/L | | 6/18/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.30 | 0.30 | 0.96 | ug/L | | 6/18/01 | SW846 8260B |
| Tetrachloroethene | < 0.85 | 0.85 | 2.7 | ug/L | | 6/18/01 | SW846 8260B |
| Toluene | < 0.13 | 0.13 | 0.41 | ug/L | | 6/18/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.30 | 0.30 | 0.96 | ug/L | | 6/18/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.24 | 0.24 | 0.76 | ug/L | | 6/18/01 | SW846 8260B |
| 1,1,1-Trichloroethane | < 0.21 | 0.21 | 0.67 | ug/L | | 6/18/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.33 | 0.33 | 1.1 | ug/L | | 6/18/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.34 | 0.34 | 1.1 | ug/L | | 6/18/01 | SW846 8260B |
| Trichloroethene | < 0.32 | 0.32 | 1.0 | ug/L | | 6/18/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.89 | 0.89 | 2.8 | ug/L | | 6/18/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.29 | 0.29 | 0.92 | ug/L | | 6/18/01 | SW846 8260B |
| Vinyl chloride | < 0.19 | 0.19 | 0.61 | ug/L | | 6/18/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.35 | 0.35 | 1.1 | ug/L | | 6/18/01 | SW846 8260B |
| Xylene, -o | < 0.28 | 0.28 | 0.89 | ug/L | | 6/18/01 | SW846 8260B |
| 4-Bromofluorobenzene | 84 | | | %Recov | | 6/18/01 | SW846 8260B |
| Dibromofluoromethane | 94 | | | %Recov | | 6/18/01 | SW846 8260B |
| Toluene-d8 | 95 | | | %Recov | | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORaine ENVIRONMENTAL INC

Field ID : MW-21 BR (2)

Report Date : 6/20/01

Lab Sample Number : 812617-011

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromobenzene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromochloromethane | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromodichloromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromoform | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromomethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 6/19/01 | SW846 8260B |
| s-Butylbenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/19/01 | SW846 8260B |
| t-Butylbenzene | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/19/01 | SW846 8260B |
| n-Butylbenzene | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/19/01 | SW846 8260B |
| Carbon tetrachloride | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroform | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorobenzene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorodibromomethane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroethane | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloromethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/19/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 0.69 | 0.69 | 2.2 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/19/01 | SW846 8260B |
| Dibromomethane | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.31 | 0.31 | 0.99 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethene | < 0.85 | 0.85 | 2.7 | | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,2-Dichloroethene | < 0.27 | 0.27 | 0.86 | | ug/L | | 6/19/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethane | < 0.17 | 0.17 | 0.54 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Field ID : MW-21 BR (2)

Lab Sample Number : 812617-011

WI DNR LAB ID : 405132750

Client : MORAINÉ ENVIRONMENTAL INC

Report Date : 6/20/01

Collection Date : 6/13/01

Matrix Type : WATER

| | | | | | | | |
|---------------------------|--------|------|------|--------|---|---------|-------------|
| 1,1-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | | 6/19/01 | SW846 8260B |
| Diisopropyl ether | < 0.23 | 0.23 | 0.73 | ug/L | | 6/19/01 | SW846 8260B |
| Ethylbenzene | < 0.57 | 0.57 | 1.8 | ug/L | | 6/19/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.31 | 0.31 | 0.99 | ug/L | | 6/19/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.43 | 0.43 | 1.4 | ug/L | | 6/19/01 | SW846 8260B |
| Isopropylbenzene | < 0.19 | 0.19 | 0.61 | ug/L | | 6/19/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.25 | 0.25 | 0.80 | ug/L | | 6/19/01 | SW846 8260B |
| Methylene chloride | 0.42 | 0.36 | 1.1 | ug/L | Q | 6/19/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.20 | 0.20 | 0.64 | ug/L | | 6/19/01 | SW846 8260B |
| Naphthalene | < 0.27 | 0.27 | 0.86 | ug/L | | 6/19/01 | SW846 8260B |
| n-Propylbenzene | < 0.17 | 0.17 | 0.54 | ug/L | | 6/19/01 | SW846 8260B |
| Styrene | < 0.72 | 0.72 | 2.3 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.22 | 0.22 | 0.70 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.30 | 0.30 | 0.96 | ug/L | | 6/19/01 | SW846 8260B |
| Tetrachloroethene | < 0.85 | 0.85 | 2.7 | ug/L | | 6/19/01 | SW846 8260B |
| Toluene | < 0.13 | 0.13 | 0.41 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.30 | 0.30 | 0.96 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.24 | 0.24 | 0.76 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,1-Trichloroethane | < 0.21 | 0.21 | 0.67 | ug/L | | 6/19/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.33 | 0.33 | 1.1 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.34 | 0.34 | 1.1 | ug/L | | 6/19/01 | SW846 8260B |
| Trichloroethene | < 0.32 | 0.32 | 1.0 | ug/L | | 6/19/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.89 | 0.89 | 2.8 | ug/L | | 6/19/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.29 | 0.29 | 0.92 | ug/L | | 6/19/01 | SW846 8260B |
| Vinyl chloride | < 0.19 | 0.19 | 0.61 | ug/L | | 6/19/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.35 | 0.35 | 1.1 | ug/L | | 6/19/01 | SW846 8260B |
| Xylene, -o | < 0.28 | 0.28 | 0.89 | ug/L | | 6/19/01 | SW846 8260B |
| 4-Bromofluorobenzene | 84 | | | %Recov | | 6/19/01 | SW846 8260B |
| Dibromofluoromethane | 96 | | | %Recov | | 6/19/01 | SW846 8260B |
| Toluene-d8 | 94 | | | %Recov | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Field ID : MW-22 BR

Lab Sample Number : 812617-012

WI DNR LAB ID : 405132750

Client : MORAINÉ ENVIRONMENTAL INC

Report Date : 6/19/01

Collection Date : 6/13/01

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromobenzene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromochloromethane | < 0.56 | 0.56 | 1.8 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromodichloromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromoform | < 0.24 | 0.24 | 0.76 | | ug/L | | 6/18/01 | SW846 8260B |
| Bromomethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 6/18/01 | SW846 8260B |
| s-Butylbenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| t-Butylbenzene | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| n-Butylbenzene | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |
| Carbon tetrachloride | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroform | < 0.29 | 0.29 | 0.92 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorobenzene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| Chlorodibromomethane | < 2.8 | 2.8 | 8.9 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloroethane | < 0.46 | 0.46 | 1.5 | | ug/L | | 6/18/01 | SW846 8260B |
| Chloromethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.19 | 0.19 | 0.61 | | ug/L | | 6/18/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 0.69 | 0.69 | 2.2 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.42 | 0.42 | 1.3 | | ug/L | | 6/18/01 | SW846 8260B |
| Dibromomethane | < 0.22 | 0.22 | 0.70 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.31 | 0.31 | 0.99 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.21 | 0.21 | 0.67 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.20 | 0.20 | 0.64 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethene | < 0.85 | 0.85 | 2.7 | | ug/L | | 6/18/01 | SW846 8260B |
| cis-1,2-Dichloroethene | 5.2 | 0.27 | 0.86 | | ug/L | | 6/18/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.12 | 0.12 | 0.38 | | ug/L | | 6/18/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.35 | 0.35 | 1.1 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.23 | 0.23 | 0.73 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,1-Dichloroethane | 1.5 | 0.17 | 0.54 | | ug/L | | 6/18/01 | SW846 8260B |
| 1,3-Dichloropropane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/18/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.28 | 0.28 | 0.89 | | ug/L | | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Field ID : MW-22 BR

Lab Sample Number : 812617-012

WI DNR LAB ID : 405132750

Client : MORaine ENVIRONMENTAL INC

Report Date : 6/19/01

Collection Date : 6/13/01

Matrix Type : WATER

| | | | | | | |
|---------------------------|--------|------|------|--------|---------|-------------|
| 1,1-Dichloropropene | < 0.46 | 0.46 | 1.5 | ug/L | 6/18/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | 6/18/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.23 | 0.23 | 0.73 | ug/L | 6/18/01 | SW846 8260B |
| Diisopropyl ether | < 0.23 | 0.23 | 0.73 | ug/L | 6/18/01 | SW846 8260B |
| Ethylbenzene | < 0.57 | 0.57 | 1.8 | ug/L | 6/18/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.31 | 0.31 | 0.99 | ug/L | 6/18/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.43 | 0.43 | 1.4 | ug/L | 6/18/01 | SW846 8260B |
| Isopropylbenzene | < 0.19 | 0.19 | 0.61 | ug/L | 6/18/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.25 | 0.25 | 0.80 | ug/L | 6/18/01 | SW846 8260B |
| Methylene chloride | < 0.36 | 0.36 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.20 | 0.20 | 0.64 | ug/L | 6/18/01 | SW846 8260B |
| Naphthalene | < 0.27 | 0.27 | 0.86 | ug/L | 6/18/01 | SW846 8260B |
| n-Propylbenzene | < 0.17 | 0.17 | 0.54 | ug/L | 6/18/01 | SW846 8260B |
| Styrene | < 0.72 | 0.72 | 2.3 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.22 | 0.22 | 0.70 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.30 | 0.30 | 0.96 | ug/L | 6/18/01 | SW846 8260B |
| Tetrachloroethene | < 0.85 | 0.85 | 2.7 | ug/L | 6/18/01 | SW846 8260B |
| Toluene | < 0.13 | 0.13 | 0.41 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.30 | 0.30 | 0.96 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.24 | 0.24 | 0.76 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,1-Trichloroethane | < 0.21 | 0.21 | 0.67 | ug/L | 6/18/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.33 | 0.33 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.34 | 0.34 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| Trichloroethene | 39 | 0.32 | 1.0 | ug/L | 6/18/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.89 | 0.89 | 2.8 | ug/L | 6/18/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.29 | 0.29 | 0.92 | ug/L | 6/18/01 | SW846 8260B |
| Vinyl chloride | < 0.19 | 0.19 | 0.61 | ug/L | 6/18/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.35 | 0.35 | 1.1 | ug/L | 6/18/01 | SW846 8260B |
| Xylene, -o | < 0.28 | 0.28 | 0.89 | ug/L | 6/18/01 | SW846 8260B |
| 4-Bromofluorobenzene | 85 | | | %Recov | 6/18/01 | SW846 8260B |
| Dibromofluoromethane | 94 | | | %Recov | 6/18/01 | SW846 8260B |
| Toluene-d8 | 94 | | | %Recov | 6/18/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.
Project Number : 1177
Field ID : DUPLICATE
Lab Sample Number : 812617-013
WI DNR LAB ID : 405132750

Client : MORAINÉ ENVIRONMENTAL INC
Report Date : 6/20/01
Collection Date : 6/13/01
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 6/15/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene | < 0.72 | 0.72 | 2.3 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromobenzene | < 0.87 | 0.87 | 2.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromochloromethane | < 1.4 | 1.4 | 4.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromodichloromethane | < 0.75 | 0.75 | 2.4 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromoform | < 0.60 | 0.60 | 1.9 | | ug/L | | 6/19/01 | SW846 8260B |
| Bromomethane | < 1.6 | 1.6 | 5.1 | | ug/L | | 6/19/01 | SW846 8260B |
| s-Butylbenzene | < 0.50 | 0.50 | 1.6 | | ug/L | | 6/19/01 | SW846 8260B |
| t-Butylbenzene | < 0.58 | 0.58 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| n-Butylbenzene | < 0.70 | 0.70 | 2.2 | | ug/L | | 6/19/01 | SW846 8260B |
| Carbon tetrachloride | < 0.55 | 0.55 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroform | < 0.72 | 0.72 | 2.3 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorobenzene | < 0.47 | 0.47 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Chlorodibromomethane | < 7.0 | 7.0 | 22 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloroethane | < 1.2 | 1.2 | 3.8 | | ug/L | | 6/19/01 | SW846 8260B |
| Chloromethane | < 1.1 | 1.1 | 3.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.47 | 0.47 | 1.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.53 | 0.53 | 1.7 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 1.7 | 1.7 | 5.4 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dibromoethane | < 1.1 | 1.1 | 3.5 | | ug/L | | 6/19/01 | SW846 8260B |
| Dibromomethane | < 0.55 | 0.55 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.78 | 0.78 | 2.5 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.53 | 0.53 | 1.7 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.50 | 0.50 | 1.6 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethene | < 2.1 | 2.1 | 6.7 | | ug/L | | 6/19/01 | SW846 8260B |
| cis-1,2-Dichloroethene | 1.7 | 0.68 | 2.2 | | ug/L | Q | 6/19/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.30 | 0.30 | 0.96 | | ug/L | | 6/19/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.87 | 0.87 | 2.8 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.58 | 0.58 | 1.8 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,1-Dichloroethane | 1.7 | 0.43 | 1.4 | | ug/L | | 6/19/01 | SW846 8260B |
| 1,3-Dichloropropane | < 3.5 | 3.5 | 11 | | ug/L | | 6/19/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.70 | 0.70 | 2.2 | | ug/L | | 6/19/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH PRODUCTS CO.

Project Number : 1177

Client : MORAINÉ ENVIRONMENTAL INC

Field ID : DUPLICATE

Report Date : 6/20/01

Lab Sample Number : 812617-013

Collection Date : 6/13/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | |
|---------------------------|--------|------|-----|--------|---------|-------------|
| 1,1-Dichloropropene | < 1.2 | 1.2 | 3.8 | ug/L | 6/19/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.58 | 0.58 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.58 | 0.58 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| Diisopropyl ether | < 0.58 | 0.58 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| Ethylbenzene | < 1.4 | 1.4 | 4.5 | ug/L | 6/19/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.78 | 0.78 | 2.5 | ug/L | 6/19/01 | SW846 8260B |
| Hexachlorobutadiene | < 1.1 | 1.1 | 3.5 | ug/L | 6/19/01 | SW846 8260B |
| Isopropylbenzene | < 0.47 | 0.47 | 1.5 | ug/L | 6/19/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.62 | 0.62 | 2.0 | ug/L | 6/19/01 | SW846 8260B |
| Methylene chloride | < 0.90 | 0.90 | 2.9 | ug/L | 6/19/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.50 | 0.50 | 1.6 | ug/L | 6/19/01 | SW846 8260B |
| Naphthalene | < 0.68 | 0.68 | 2.2 | ug/L | 6/19/01 | SW846 8260B |
| n-Propylbenzene | < 0.43 | 0.43 | 1.4 | ug/L | 6/19/01 | SW846 8260B |
| Styrene | < 1.8 | 1.8 | 5.7 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.55 | 0.55 | 1.8 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.75 | 0.75 | 2.4 | ug/L | 6/19/01 | SW846 8260B |
| Tetrachloroethene | < 2.1 | 2.1 | 6.7 | ug/L | 6/19/01 | SW846 8260B |
| Toluene | < 0.33 | 0.33 | 1.1 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.75 | 0.75 | 2.4 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.60 | 0.60 | 1.9 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,1-Trichloroethane | 31 | 0.53 | 1.7 | ug/L | 6/19/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.83 | 0.83 | 2.6 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.85 | 0.85 | 2.7 | ug/L | 6/19/01 | SW846 8260B |
| Trichloroethene | 350 | 0.80 | 2.5 | ug/L | 6/19/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 2.2 | 2.2 | 7.0 | ug/L | 6/19/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.72 | 0.72 | 2.3 | ug/L | 6/19/01 | SW846 8260B |
| Vinyl chloride | < 0.47 | 0.47 | 1.5 | ug/L | 6/19/01 | SW846 8260B |
| Xylenes, -m, -p | < 0.87 | 0.87 | 2.8 | ug/L | 6/19/01 | SW846 8260B |
| Xylene, -o | < 0.70 | 0.70 | 2.2 | ug/L | 6/19/01 | SW846 8260B |
| 4-Bromofluorobenzene | 84 | | | %Recov | 6/19/01 | SW846 8260B |
| Dibromofluoromethane | 93 | | | %Recov | 6/19/01 | SW846 8260B |
| Toluene-d8 | 95 | | | %Recov | 6/19/01 | SW846 8260B |

(Please Print Legibly)

Company Name: Morgan Environmental

Branch or Location: Grafton WI

Project Contact: Steve Bentley

Telephone: (608) 571-9207

Project Number: 91177

Project Name: Remediation

Project State: Grafton WI

Sampled By (Print): S. Schumacher



1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
FAX 920-469-8827

525 Science Drive
Madison, WI 53711
608-232-3300
FAX: 608-233-0502

CHAIN OF CUSTODY

A=None B=HCL C=H2SO4 *Preservation Codes
D=HN03 E=EnCore F=Methanol G=NaOH
H = Sodium Bisulfate Solution I = Other

FILTERED? (YES/NO) N

PRESERVATION (CODE)* N

Page 1 of 1

P.O. # _____ Quote # _____

Mail Report To: Steve Bentley

Company: Morgan Environmental

Address: 1234 1/2 Ave

Grafton WI 53024

Invoice To: Same As Above

Company: _____

Address: _____

Mail Invoice To: _____

Data Package Options

(please circle if requested)

Results Only

EnChem Level III (Subject to Surcharge)

EnChem Level IV (Subject to Surcharge)

Regulatory Program

UST
RCRA
SDWA
NPDES
CERCLA

Matrix Codes

W=Water
S=Soil
A=Air
C=Charcoal
B=Biota
Sl=Sludge

| LABORATORY ID (Lab Use Only) | FIELD ID | COLLECTION | | MATRIX | ANALYSES REQUESTED | TOTAL # OF BOTTLES SENT | CLIENT COMMENTS | LAB COMMENTS (Lab Use Only) |
|---------------------------------|---------------------------|----------------|--------------|----------|--------------------|-------------------------|-----------------|--------------------------------|
| | | DATE | TIME | | | | | |
| <u>001</u> | <u>Process Residence</u> | <u>7/10/01</u> | <u>10:30</u> | <u>W</u> | <u>VOC</u> | <u>34</u> | | <u>CC</u> |
| <u>002</u> | <u>Woodland Residence</u> | <u>7/10/01</u> | <u>11:00</u> | <u>W</u> | | <u>1</u> | | <u>no Temp. sent 7/10/01</u> |

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)

Date Needed: _____

Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail

Phone #: _____

Fax #: _____

E-Mail Address: _____

Relinquished By: S. Schumacher Date/Time: 7/10/01 11:00

Relinquished By: S. Schumacher Date/Time: 7/10/01 11:00

Relinquished By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____

Received By: Steve Bentley Date/Time: 7/10/01 10:45

Received By: Steve Bentley Date/Time: 7/10/01 13:00

Received By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

En Chem Project No. 813722

Sample Receipt Temp. 10

Sample Receipt pH (Wet/Metals) _____

Cooler Custody Seal Present / Not Present Present

Intact / Not Intact Intact

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



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

Client: MORaine ENVIRONMENTAL INC

WI DNR LAB ID : 405132750

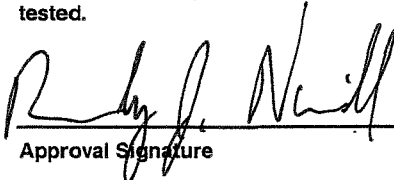
| Sample No. | Field ID | Collection Date | Sample No. | Field ID | Collection Date |
|------------|---------------------|-----------------|------------|----------|-----------------|
| 813122-001 | RAESS RESIDENCE | 7/10/01 | | | |
| 813122-002 | WENDTLAND RESIDENCE | 7/10/01 | | | |

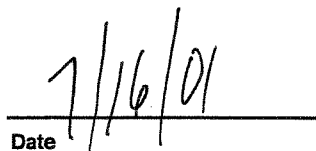
Please visit our Internet homepage at: www.enchem.com

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 comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. Reported results shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested.


Approval Signature


Date

EN CHEM - GREEN BAY COOLER RECEIPT LOG

Batch No. 813122 Project Name or ID 1177

No. of Coolers: 1

Temps: 1 1 1 °C WI only (circle): ROI

A. Receipt Phase: Date cooler was opened: 7-10-01 By: GD

Initials/Date

- 1: Were temperature blanks present? ..(record temperatures above)YES NO
- 2: Were custody seals present? (Also record on COC).....YES NO
- 3: Are COC documents present?.....YES NO²
- 4: Were all sample containers for tests requested on the COC received?YES NO²
- 5: Do sample labels match the COC?YES NO²
- 6: Are there any short holdtime tests?.....YES¹ NO
- 7: Are sample volumes adequate for tests requested?YES NO²
- 8: Are VOC samples free of bubbles >6mmYES NO² NA
- 9: Are dissolved parameters field filtered?..... YES NO² NA
- 10: Check sample pH of preserved samples. (not VOCs) Completed.....YES NO NA
- 11: Are samples preserved properly?.....YES NO²
- 12: Started nonconformance/phone log record if applicable. Completed.....YES NO NA
- 13: Enter samples into Project Logbook. Completed.....YES NO
- 14: Place laboratory sample number on all containers CompletedYES NO
- 15: Check laboratory sample number on all containers and COC CompletedYES NO

| Initials/Date |
|-------------------|
| <u>GD 7-10-01</u> |
| |
| |
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| |
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| |
| |
| <u>NS</u> |

B. Log-in Phase: Date samples were logged-in: 7-10-01 By: JS

- 1: Were samples received on ice? (Must be ≤ 4 C).....YES NO²
- 2: Is the COC signed as received by En Chem ?.....YES NO
- 3: Is this Project a Quick Turn Project?.....YES NO
- 4: Is there any sub-work?.....YES NO
- 5: Are any samples nearing expiration of hold-time? (Within 2 days).....YES¹ NO Contacted
- 6: Initiate Subcontracting procedure, SOP 1-REC-4, if applicable. Completed.....YES NO NA

| Initials/Date |
|-------------------|
| <u>JS 7-10-01</u> |
| |
| |
| |
| |
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| |
| |
| |
| |
| |

Short Hold-time tests:

| 48 Hours or less | 7 days | Footnotes |
|------------------------------|-----------------------------------|--|
| Coliform (6 hrs) | Flashpoint | 1 Notify proper lab group immediately. |
| Hexavalent Chromium (24 Hrs) | TSS | 2 Complete phone log. |
| BOD | Total Solids | |
| Nitrite | TDS | |
| Ortho Phosphorus | Sulfide | |
| Turbidity | Free Liquids | |
| Surfactants | Total Volatile Solids | |
| Sulfite | Aqueous Extractable Organics- ALL | |
| En Core Preservation | Unpreserved VOC's | |
| Color | Ash | |

Rev. 12/15/99, Attachment to 1-REC-5.

*Subject to QA Audit.

I have reviewed Log-in sheets, resolved all nonconformance issues, corrected and properly documented these actions

Project Mgmt reviewed by/date UW 7/12/01

- Analytical Report -

Project Name : TECUMSEH

Project Number : 1177

Field ID : RAESS RESIDENCE

Lab Sample Number : 813122-001

WI DNR LAB ID : 405132750

Client : MORAINE ENVIRONMENTAL INC

Report Date : 7/12/01

Collection Date : 7/10/01

Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 7/11/01

Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|-----|-----|-------|------|---------------|-----------------|
| Benzene | < 0.48 | 0.48 | 1.5 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromobenzene | < 0.44 | 0.44 | 1.4 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromochloromethane | < 0.61 | 0.61 | 1.9 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromodichloromethane | < 0.61 | 0.61 | 1.9 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromoform | < 0.70 | 0.70 | 2.2 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromomethane | < 0.71 | 0.71 | 2.3 | | ug/L | | 7/11/01 | SW846 8260B |
| s-Butylbenzene | < 0.49 | 0.49 | 1.6 | | ug/L | | 7/11/01 | SW846 8260B |
| t-Butylbenzene | < 0.50 | 0.50 | 1.6 | | ug/L | | 7/11/01 | SW846 8260B |
| n-Butylbenzene | < 0.61 | 0.61 | 1.9 | | ug/L | | 7/11/01 | SW846 8260B |
| Carbon tetrachloride | < 0.73 | 0.73 | 2.3 | | ug/L | | 7/11/01 | SW846 8260B |
| Chloroform | < 0.75 | 0.75 | 2.4 | | ug/L | | 7/11/01 | SW846 8260B |
| Chlorobenzene | < 0.55 | 0.55 | 1.8 | | ug/L | | 7/11/01 | SW846 8260B |
| Chlorodibromomethane | < 0.43 | 0.43 | 1.4 | | ug/L | | 7/11/01 | SW846 8260B |
| Chloroethane | < 0.57 | 0.57 | 1.8 | | ug/L | | 7/11/01 | SW846 8260B |
| Chloromethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 7/11/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.48 | 0.48 | 1.5 | | ug/L | | 7/11/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.72 | 0.72 | 2.3 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 1.0 | 1.0 | 3.2 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.91 | 0.91 | 2.9 | | ug/L | | 7/11/01 | SW846 8260B |
| Dibromomethane | < 0.67 | 0.67 | 2.1 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.54 | 0.54 | 1.7 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.39 | 0.39 | 1.2 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.47 | 0.47 | 1.5 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.67 | 0.67 | 2.1 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,1-Dichloroethene | < 0.85 | 0.85 | 2.7 | | ug/L | | 7/11/01 | SW846 8260B |
| cis-1,2-Dichloroethene | < 0.73 | 0.73 | 2.3 | | ug/L | | 7/11/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.68 | 0.68 | 2.2 | | ug/L | | 7/11/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.79 | 0.79 | 2.5 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.53 | 0.53 | 1.7 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,1-Dichloroethane | < 0.48 | 0.48 | 1.5 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,3-Dichloropropane | < 0.53 | 0.53 | 1.7 | | ug/L | | 7/11/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.95 | 0.95 | 3.0 | | ug/L | | 7/11/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH

Project Number : 1177

Client : MORaine ENVIRONMENTAL INC

Field ID : RAESS RESIDENCE

Report Date : 7/12/01

Lab Sample Number : 813122-001

Collection Date : 7/10/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | |
|---------------------------|--------|------|------|--------|---------|-------------|
| 1,1-Dichloropropene | < 0.85 | 0.85 | 2.7 | ug/L | 7/11/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.56 | 0.56 | 1.8 | ug/L | 7/11/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.51 | 0.51 | 1.6 | ug/L | 7/11/01 | SW846 8260B |
| Diisopropyl ether | < 0.60 | 0.60 | 1.9 | ug/L | 7/11/01 | SW846 8260B |
| Ethylbenzene | < 0.43 | 0.43 | 1.4 | ug/L | 7/11/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.52 | 0.52 | 1.7 | ug/L | 7/11/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.84 | 0.84 | 2.7 | ug/L | 7/11/01 | SW846 8260B |
| Isopropylbenzene | < 0.43 | 0.43 | 1.4 | ug/L | 7/11/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.57 | 0.57 | 1.8 | ug/L | 7/11/01 | SW846 8260B |
| Methylene chloride | < 0.85 | 0.85 | 2.7 | ug/L | 7/11/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.67 | 0.67 | 2.1 | ug/L | 7/11/01 | SW846 8260B |
| Naphthalene | < 0.59 | 0.59 | 1.9 | ug/L | 7/11/01 | SW846 8260B |
| n-Propylbenzene | < 0.64 | 0.64 | 2.0 | ug/L | 7/11/01 | SW846 8260B |
| Styrene | < 0.43 | 0.43 | 1.4 | ug/L | 7/11/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.91 | 0.91 | 2.9 | ug/L | 7/11/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.75 | 0.75 | 2.4 | ug/L | 7/11/01 | SW846 8260B |
| Tetrachloroethene | < 0.57 | 0.57 | 1.8 | ug/L | 7/11/01 | SW846 8260B |
| Toluene | < 0.47 | 0.47 | 1.5 | ug/L | 7/11/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.57 | 0.57 | 1.8 | ug/L | 7/11/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.60 | 0.60 | 1.9 | ug/L | 7/11/01 | SW846 8260B |
| 1,1,1-Trichloroethane | < 0.69 | 0.69 | 2.2 | ug/L | 7/11/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.72 | 0.72 | 2.3 | ug/L | 7/11/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.51 | 0.51 | 1.6 | ug/L | 7/11/01 | SW846 8260B |
| Trichloroethene | < 0.89 | 0.89 | 2.8 | ug/L | 7/11/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.78 | 0.78 | 2.5 | ug/L | 7/11/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.52 | 0.52 | 1.7 | ug/L | 7/11/01 | SW846 8260B |
| Vinyl chloride | < 0.18 | 0.18 | 0.57 | ug/L | 7/11/01 | SW846 8260B |
| Xylenes, -m, -p | < 1.4 | 1.4 | 4.5 | ug/L | 7/11/01 | SW846 8260B |
| Xylene, -o | < 0.54 | 0.54 | 1.7 | ug/L | 7/11/01 | SW846 8260B |
| 4-Bromofluorobenzene | 82 | | | %Recov | 7/11/01 | SW846 8260B |
| Dibromofluoromethane | 96 | | | %Recov | 7/11/01 | SW846 8260B |
| Toluene-d8 | 92 | | | %Recov | 7/11/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH
Project Number : 1177
Field ID : WENDTLAND RESIDENCE
Lab Sample Number : 813122-002
WI DNR LAB ID : 405132750

Client : MORAIN ENVIRONMENTAL INC
Report Date : 7/12/01
Collection Date : 7/10/01
Matrix Type : WATER

Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B Prep Date: 7/11/01 Analyst: TLT

| Analyte | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|-----|-----|-------|------|---------------|-----------------|
| Benzene | < 0.48 | 0.48 | 1.5 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromobenzene | < 0.44 | 0.44 | 1.4 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromochloromethane | < 0.61 | 0.61 | 1.9 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromodichloromethane | < 0.61 | 0.61 | 1.9 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromoform | < 0.70 | 0.70 | 2.2 | | ug/L | | 7/11/01 | SW846 8260B |
| Bromomethane | < 0.71 | 0.71 | 2.3 | | ug/L | | 7/11/01 | SW846 8260B |
| s-Butylbenzene | < 0.49 | 0.49 | 1.6 | | ug/L | | 7/11/01 | SW846 8260B |
| t-Butylbenzene | < 0.50 | 0.50 | 1.6 | | ug/L | | 7/11/01 | SW846 8260B |
| n-Butylbenzene | < 0.61 | 0.61 | 1.9 | | ug/L | | 7/11/01 | SW846 8260B |
| Carbon tetrachloride | < 0.73 | 0.73 | 2.3 | | ug/L | | 7/11/01 | SW846 8260B |
| Chloroform | < 0.75 | 0.75 | 2.4 | | ug/L | | 7/11/01 | SW846 8260B |
| Chlorobenzene | < 0.55 | 0.55 | 1.8 | | ug/L | | 7/11/01 | SW846 8260B |
| Chlorodibromomethane | < 0.43 | 0.43 | 1.4 | | ug/L | | 7/11/01 | SW846 8260B |
| Chloroethane | < 0.57 | 0.57 | 1.8 | | ug/L | | 7/11/01 | SW846 8260B |
| Chloromethane | < 0.62 | 0.62 | 2.0 | | ug/L | | 7/11/01 | SW846 8260B |
| 2-Chlorotoluene | < 0.48 | 0.48 | 1.5 | | ug/L | | 7/11/01 | SW846 8260B |
| 4-Chlorotoluene | < 0.72 | 0.72 | 2.3 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dibromo-3-chloropropane | < 1.0 | 1.0 | 3.2 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dibromoethane | < 0.91 | 0.91 | 2.9 | | ug/L | | 7/11/01 | SW846 8260B |
| Dibromomethane | < 0.67 | 0.67 | 2.1 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,3-Dichlorobenzene | < 0.54 | 0.54 | 1.7 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,4-Dichlorobenzene | < 0.39 | 0.39 | 1.2 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dichloroethane | < 0.47 | 0.47 | 1.5 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dichlorobenzene | < 0.67 | 0.67 | 2.1 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,1-Dichloroethene | < 0.85 | 0.85 | 2.7 | | ug/L | | 7/11/01 | SW846 8260B |
| cis-1,2-Dichloroethene | < 0.73 | 0.73 | 2.3 | | ug/L | | 7/11/01 | SW846 8260B |
| Dichlorodifluoromethane | < 0.68 | 0.68 | 2.2 | | ug/L | | 7/11/01 | SW846 8260B |
| trans-1,2-Dichloroethene | < 0.79 | 0.79 | 2.5 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,2-Dichloropropane | < 0.53 | 0.53 | 1.7 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,1-Dichloroethane | 2.4 | 0.48 | 1.5 | | ug/L | | 7/11/01 | SW846 8260B |
| 1,3-Dichloropropane | < 0.53 | 0.53 | 1.7 | | ug/L | | 7/11/01 | SW846 8260B |
| 2,2-Dichloropropane | < 0.95 | 0.95 | 3.0 | | ug/L | | 7/11/01 | SW846 8260B |

- Analytical Report -

Project Name : TECUMSEH

Project Number : 1177

Client : MORAIN ENVIRONMENTAL INC

Field ID : WENDTLAND RESIDENCE

Report Date : 7/12/01

Lab Sample Number : 813122-002

Collection Date : 7/10/01

WI DNR LAB ID : 405132750

Matrix Type : WATER

| | | | | | | | |
|---------------------------|--------|------|------|--------|---|---------|-------------|
| 1,1-Dichloropropene | < 0.85 | 0.85 | 2.7 | ug/L | | 7/11/01 | SW846 8260B |
| cis-1,3-Dichloropropene | < 0.56 | 0.56 | 1.8 | ug/L | | 7/11/01 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.51 | 0.51 | 1.6 | ug/L | | 7/11/01 | SW846 8260B |
| Diisopropyl ether | < 0.60 | 0.60 | 1.9 | ug/L | | 7/11/01 | SW846 8260B |
| Ethylbenzene | < 0.43 | 0.43 | 1.4 | ug/L | | 7/11/01 | SW846 8260B |
| Fluorotrichloromethane | < 0.52 | 0.52 | 1.7 | ug/L | | 7/11/01 | SW846 8260B |
| Hexachlorobutadiene | < 0.84 | 0.84 | 2.7 | ug/L | | 7/11/01 | SW846 8260B |
| Isopropylbenzene | < 0.43 | 0.43 | 1.4 | ug/L | | 7/11/01 | SW846 8260B |
| p-Isopropyltoluene | < 0.57 | 0.57 | 1.8 | ug/L | | 7/11/01 | SW846 8260B |
| Methylene chloride | < 0.85 | 0.85 | 2.7 | ug/L | | 7/11/01 | SW846 8260B |
| Methyl-tert-butyl-ether | < 0.67 | 0.67 | 2.1 | ug/L | | 7/11/01 | SW846 8260B |
| Naphthalene | < 0.59 | 0.59 | 1.9 | ug/L | | 7/11/01 | SW846 8260B |
| n-Propylbenzene | < 0.64 | 0.64 | 2.0 | ug/L | | 7/11/01 | SW846 8260B |
| Styrene | < 0.43 | 0.43 | 1.4 | ug/L | | 7/11/01 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.91 | 0.91 | 2.9 | ug/L | | 7/11/01 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.75 | 0.75 | 2.4 | ug/L | | 7/11/01 | SW846 8260B |
| Tetrachloroethene | < 0.57 | 0.57 | 1.8 | ug/L | | 7/11/01 | SW846 8260B |
| Toluene | < 0.47 | 0.47 | 1.5 | ug/L | | 7/11/01 | SW846 8260B |
| 1,2,3-Trichlorobenzene | < 0.57 | 0.57 | 1.8 | ug/L | | 7/11/01 | SW846 8260B |
| 1,2,4-Trichlorobenzene | < 0.60 | 0.60 | 1.9 | ug/L | | 7/11/01 | SW846 8260B |
| 1,1,1-Trichloroethane | 1.7 | 0.69 | 2.2 | ug/L | Q | 7/11/01 | SW846 8260B |
| 1,1,2-Trichloroethane | < 0.72 | 0.72 | 2.3 | ug/L | | 7/11/01 | SW846 8260B |
| 1,2,4-Trimethylbenzene | < 0.51 | 0.51 | 1.6 | ug/L | | 7/11/01 | SW846 8260B |
| Trichloroethene | 2.7 | 0.89 | 2.8 | ug/L | Q | 7/11/01 | SW846 8260B |
| 1,2,3-Trichloropropane | < 0.78 | 0.78 | 2.5 | ug/L | | 7/11/01 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 0.52 | 0.52 | 1.7 | ug/L | | 7/11/01 | SW846 8260B |
| Vinyl chloride | < 0.18 | 0.18 | 0.57 | ug/L | | 7/11/01 | SW846 8260B |
| Xylenes, -m, -p | < 1.4 | 1.4 | 4.5 | ug/L | | 7/11/01 | SW846 8260B |
| Xylene, -o | < 0.54 | 0.54 | 1.7 | ug/L | | 7/11/01 | SW846 8260B |
| 4-Bromofluorobenzene | 82 | | | %Recov | | 7/11/01 | SW846 8260B |
| Dibromofluoromethane | 94 | | | %Recov | | 7/11/01 | SW846 8260B |
| Toluene-d8 | 93 | | | %Recov | | 7/11/01 | SW846 8260B |

ATTACHMENT B

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

TECUMSEH MONITORING - GRAFTON FACILITY
GROUNDWATER LABORATORY RESULTS - DECEMBER, 2000
(Detected Compounds Only)

| Well Name | MW-3 BR | 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 | | Reese Residence PW-3 | | Wendland Residence PW-38 | | Heiser Residence PW-30 | | Enforcement Standards | Preventive Action Limits | | |
|--------------------------|-------------|---------|-------------|-------------|------------|-------------|--------------|------------|--------------|--------------|--------------|------------|--------------|------------|--------------|----------|--------------|----------|--------------|----------|--------------|-------------|----------|-----------|----------------------|----------|--------------------------|----------|------------------------|----------|-----------------------|--------------------------|-----|-----|
| | 6-21-00 | 6-21-00 | 6-21-00 | 12-15-00 | 6-21-00 | 12-15-00 | 6-21-00 | 12-15-00 | 6-21-00 | 6-21-00 | 6-21-00 | 12-15-00 | 6-21-00 | 12-15-00 | 6-21-00 | 12-15-00 | 6-21-00 | 12-15-00 | 6-21-00 | 12-15-00 | 6-21-00 | 12-15-00 | 6-21-00 | 12-15-00 | 7-17-00 | 12-28-00 | 7-17-00 | 12-15-00 | 7-17-00 | 12-28-00 | | | | |
| Chloroform | <0.29 | <0.29 | <2.9 | <2.9 | <2.9 | <2.9 | <0.72 | <1.4 | <0.29 | <0.29 | <0.29 | <0.58 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | 1.2 | <0.29 | 6.0 | 0.6 | |
| 1,1-Dichloroethene | 3.9 | <0.85 | 74 | <8.5 | <8.5 | <8.5 | 39 | 13 | <0.85 | 7.3 | 5.1 | 2.1 | <0.85 | 1.0 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | <0.85 | 7.0 | 0.7 |
| cis-1,2-Dichloroethene | 21 | <0.27 | 800 | 820 | 4.7 | 17 | 47 | 61 | 1.1 | 26 | 27 | 47 | 3.4 | 4.6 | <0.27 | <0.27 | <0.27 | <0.27 | <0.27 | <0.27 | <0.27 | <0.27 | 4.6 | 6.9 | <0.27 | <0.27 | <0.27 | <0.27 | 1.8 | 2.8 | 70 | 7.0 | | |
| trans-1,2-Dichloroethene | <0.35 | <0.35 | 15 | 100 | <3.5 | <3.5 | <0.87 | 5.6 | <0.35 | 0.64 | 0.71 | 3.2 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | 100 | 20 | |
| 1,1-Dichloroethane | 44 | 7.1 | 220 | 72 | 10 | 28 | 220 | 380 | 2.2 | 43 | 52 | 88 | 6.9 | 11 | <0.17 | <0.17 | <0.17 | <0.17 | <0.17 | <0.17 | <0.17 | <0.17 | 1.1 | 0.91 | <0.17 | 0.65 | 2.5 | 2.7 | 1.6 | 2.6 | 850 | 85 | | |
| Toluene | <1.1 | <1.1 | <11 | <11 | <11 | <11 | <2.8 | <5.5 | <1.1 | <1.1 | <1.1 | <2.2 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | 2.7 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <1.1 | <0.13 | <1.1 | <1.1 | <1.1 | <0.13 | 1,000 | 200 | | |
| 1,1,1-Trichloroethane | 31 | <0.21 | 660 | 800 | 61 | 130 | 380 | 730 | <0.21 | 19 | 1.6 | 3.4 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | 0.86 | 1.8 | 2.1 | <0.21 | 1.3 | 200 | 40 | | |
| Trichloroethene | 110 | <0.32 | 1400 | 1900 | 820 | 1900 | 240 | 390 | 3.0 | 42 | 180 | 290 | 7.4 | 11 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | 30 | 36 | <0.32 | 0.48 | 1.9 | 2.7 | 2.4 | 3.8 | 5.0 | 0.5 | |
| Vinyl Chloride | 0.60 | <0.19 | <1.9 | <1.9 | <1.9 | <1.9 | <0.47 | <0.95 | <0.19 | <0.19 | 0.94 | <0.38 | 2.7 | 1.5 | <0.19 | <0.19 | 1.1 | <0.19 | <0.19 | <0.19 | <0.19 | 0.43 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | 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)

TABLE 1
 TRECUMSER MONITORING GRABTON FACILITY
 GROUNDWATER LAB RESULTS (detected compounds only)

| Well Name Collection Date | MW-3 BR (2) 7/8/99 | MW-3-D 7/6/99 | MW-9 7/6/99 | MW-12 7/6/99 | MW-12 BR (1) 7/6/99 | MW-18 BR (1) 7/6/99 | MW-18 BR (2) 7/6/99 | MW-19 BR (1) 7/6/99 | MW-19 BR (2) 7/6/99 | MW-20 BR (1) 7/6/99 | MW-20 BR (2) 7/6/99 | MW-21 BR (1) 7/6/99 | MW-21 BR (2) 7/6/99 | MW-22 BR 7/6/99 | Raess Residence PW-5 7/6/99 | Wendland Residence PW-38 7/6/99 | Heiser Residence PW-30 7/6/99 | NR140 ES | NR140 PAL |
|------------------------------|-----------------------|------------------|----------------|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------|--------------------------------|------------------------------------|----------------------------------|----------|-----------|
| Chloroform | <0.35 | <0.35 | <0.35 | <1.7 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | <0.35 | 1.4 | 6.0 | 0.6 |
| Chloroethane | 0.56Q | <0.54 | <0.54 | <2.7 | <0.54 | <0.54 | <0.54 | <0.54 | 1.8 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 400 | 80 |
| 1,2-Dichloroethane | 0.60Q | <0.37 | <0.37 | <1.8 | <0.37 | <0.37 | <0.37 | <0.37 | <0.37 | <0.37 | <0.37 | <0.37 | <0.37 | <0.37 | <0.37 | <0.37 | <0.37 | 5.0 | 0.5 |
| 1,1-Dichloroethane | <0.43 | <0.43 | | <2.1 | | 0.99Q | 6.9 | 6.2 | 0.89Q | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | <0.43 | 7.0 | 0.7 |
| cis-1,2-Dichloroethane | <0.28 | 0.44Q | 30 | 3.6Q | 190 | 4.0 | 25 | 27 | 4.3 | <0.28 | <0.28 | <0.28 | <0.28 | 2.3 | <0.28 | <0.28 | 1.0 | 70 | 7.0 |
| 1,1-Dichloroethane | 66 | <0.35 | 78 | 2.3Q | 100 | 8.8 | 41 | 60 | 11 | <0.35 | <0.35 | <0.35 | <0.35 | 0.74Q | <0.35 | <0.35 | 1.0Q | 850 | 85 |
| Diisopropyl Ether | <0.55 | 6.6 | <0.55 | <2.8 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | <0.55 | NSE | NSE |
| Isopropylbenzene | <0.26 | <0.26 | <0.26 | <1.3 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | NSE | NSE |
| Methylene Chloride | <0.36 | <0.36 | <0.36 | 2.2 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | 5.0 | 0.5 |
| n-Propylbenzene | <0.76 | <0.76 | <0.76 | <3.8 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | <0.76 | NSE | NSE |
| Methyl-tert-butyl-ether | <0.32 | <0.32 | <0.32 | <1.6 | <0.32 | 0.50Q | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | 60 | 12 |
| Toluene | <0.27 | <0.27 | 0.67Q | <1.4 | 3.5 | <0.27 | <0.27 | <0.27 | 0.29Q | <0.27 | <0.27 | <0.27 | <0.27 | <0.27 | <0.27 | <0.27 | <0.27 | 343 | 69 |
| 1,1,1-Trichloroethane | 1.1 | <0.30 | 41 | 36 | 190 | 4.4 | 30 | 1.4 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | 1.5 | 0.63Q | 200 | 40 |
| Trichloroethene | <0.37 | | | | | | | | | <0.37 | <0.37 | <0.37 | <0.37 | | <0.37 | 1.6 | 1.7 | 5.0 | 0.5 |
| Vinyl Chloride | 0.29Q | <0.20 | | <1.0 | 0.26Q | <0.20 | <0.20 | | | | | <0.20 | | <0.20 | <0.20 | <0.20 | <0.20 | 0.2 | 0.02 |

TABLE 18

SUMMARY OF VOCs DETECTED IN ON-SITE GROUNDWATER ALONG THE EASTERN PROPERTY LINE (µg/L)¹
TECUMSEH PRODUCTS COMPANY

| Well I.D. | Sample Date | 1,1-DCE | 1,1-DCA | cis-1,2-DCE | trans-1,2-DCE | 1,1,1-TCA | TCE | Vinyl Chloride | Toluene | Ethyl-benzene | Xylenes (total) | Naphthalene | Ethene | Ethane | Methane | Other Parameters Detected |
|--------------------------------|-----------------------|---------|---------|-------------|---------------|-----------|-------|----------------|---------|---------------|-----------------|-------------|--------|--------|---------|---------------------------|
| Eastern Property Line | | | | | | | | | | | | | | | | |
| MW-3 | 8-25-94 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 39 | < 1.0 | < 1.0 | < 1.0 | < 3.0 | < 5.0 | NA | NA | NA | No |
| | 6-4-96 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | 10 | < 1.0 | < 1.0 | < 1.0 | < 3.0 | < 5.0 | NA | NA | NA | No |
| MW-3D | 8-25-94 | 24 | 7.2 | 6.8 | < 5.0 | 21 | 88 | 6.1 | < 5.0 | 64 | 18 | < 25 | NA | NA | NA | Yes ² |
| | 12-14-94 | 12 | 9.8 | < 5.0 | < 5.0 | 28 | 27 | 5.8 | < 5.0 | < 5.0 | < 15 | < 25 | NA | NA | NA | Yes ² |
| | 8-5-96 | < 10 | 130 | 8.0 | < 10 | 26 | 15 | 17 | < 10 | < 10 | < 30 | < 60 | NA | NA | NA | No |
| | 12-4-96 | 6.7 | 22 | 20 | < 1.0 | < 1.0 | 55 | 6.9 | < 1.0 | < 1.0 | < 2.0 | < 2.0 | 0.3 | 10.9 | < 6.0 | No |
| MW-3BR1 | 12-14-94 | 13 | 65 | 45 | < 5.0 | 120 | 88 | < 5.0 | < 5.0 | < 5.0 | < 15 | < 25 | NA | NA | NA | No |
| | 8-30-95 | < 5.0 | 25 | 26 | < 5.0 | 45 | 42 | < 5.0 | < 5.0 | < 5.0 | < 15 | < 25 | NA | NA | NA | No |
| | 6-11-96 ³ | 13 | 47 D | 56 D | < 1.0 | 75 D | 100 D | 3.0 | 1.6 | < 1.0 | < 3.0 | < 5.0 | NA | NA | NA | Yes ² |
| | 6-11-96 ⁴ | 14 | 49 D | 58 D | < 1.0 | 78 D | 110 D | 2.4 | < 1.0 | < 1.0 | < 3.0 | < 5.0 | NA | NA | NA | No |
| MW-3BR2 | 12-14-94 | 58 | 180 | 20 | < 10 | 140 | 310 | < 10 | < 10 | < 10 | < 30 | < 60 | NA | NA | NA | No |
| | 8-30-95 | < 10 | 48 | < 10 | < 10 | 29 | 100 | < 10 | < 10 | < 10 | < 30 | < 60 | NA | NA | NA | No |
| | 6-11-96 | 32 | 130 D | 37 | < 1.0 | 98 D | 220 D | 2.0 | 2.0 | < 1.0 | < 3.0 | < 6.0 | NA | NA | NA | No |
| | 12-5-96 ⁵ | 29 | 130 | 48 | < 5.0 | < 5.0 | 220 | < 10 | < 5.0 | < 6.0 | < 10 | < 10 | 0.4 | < 0.1 | 19.4 | No |
| | 12-5-96 ⁶ | 27 | 130 | 47 | 0.8 Q | 82 | 210 | 1.3 Q | < 1.0 | < 1.0 | < 2.0 | < 2.0 | NA | NA | NA | No |
| MW-3BR3 | 12-14-94 | 6.6 | 39 | 25 | < 5.0 | 28 | 270 | < 5.0 | < 5.0 | < 15 | < 25 | < 25 | NA | NA | NA | No |
| | 8-30-95 | < 5.0 | 31 | 15 | < 5.0 | 16 | 170 | < 5.0 | < 5.0 | < 15 | < 25 | < 25 | NA | NA | NA | No |
| | 6-11-96 | 33 | 58 D | 19 | < 1.0 | 110 D | 250 D | 1.3 | 2.2 | < 1.0 | < 3.0 | < 5.0 | NA | NA | NA | No |
| MW-9 | 8-24-94 | < 100 | 100 | 1,500 | < 100 | 530 | 3,000 | < 100 | < 100 | < 100 | < 300 | < 500 | NA | NA | NA | No |
| | 6-4-96 | 180 | 190 | 1,200 | < 100 | 1,100 | 1,900 | < 100 | < 100 | < 100 | < 300 | < 500 | NA | NA | NA | No |
| | 12-4-96 | 51 Q | < 100 | 2,700 | < 100 | 1,100 | 2,800 | < 200 | < 100 | < 100 | < 200 | < 200 | < 0.1 | < 0.1 | < 6.0 | No |
| MW-9D | 8-24-94 | < 100 | 280 | 330 | < 100 | 700 | 1,200 | < 100 | < 100 | < 100 | < 300 | < 500 | NA | NA | NA | No |
| | 12-14-94 | < 50 | 94 | 680 | < 50 | 350 | 1,400 | < 50 | < 50 | < 50 | < 150 | < 250 | NA | NA | NA | No |
| | 6-5-96 | 230 | 630 | 400 | < 100 | 1,700 | 1,200 | < 100 | < 100 | < 100 | < 300 | < 500 | NA | NA | NA | No |
| MW-12 | 12-14-94 | 61 | 160 | < 50 | < 50 | 490 | 3,000 | < 60 | < 60 | < 60 | < 150 | < 250 | NA | NA | NA | No |
| | 6-4-96 ⁷ | < 20 | < 20 | < 20 | < 20 | 77 | 590 | < 20 | < 20 | < 20 | < 60 | < 100 | NA | NA | NA | No |
| | 6-4-96 ⁸ | < 50 | < 50 | < 50 | < 50 | 100 | 680 | < 50 | < 50 | < 50 | < 150 | < 250 | NA | NA | NA | No |
| | 12-4-96 | 89 | 230 E | 28 | 0.5 Q | 650 E | 1,600 | 1.0 Q | < 1.0 | < 1.0 | < 2.0 | < 2.0 | 0.6 | < 0.1 | < 6.0 | No |
| MW-12BR | 12-14-94 | 35 | 180 | < 10 | < 10 | 580 | 84 | < 10 | < 10 | < 10 | < 30 | < 50 | NA | NA | NA | No |
| | 8-30-95 | 180 | 620 D | 75 | < 10 | 1,900 D | 320 | < 10 | < 10 | < 10 | < 30 | < 50 | NA | NA | NA | No |
| | 6-4-96 | 51 | 130 | < 20 | < 20 | 400 | 480 | < 20 | < 20 | < 20 | < 60 | < 100 | NA | NA | NA | No |
| MW-13BR1 | 12-14-94 | 70 | 180 | 22 | < 10 | 630 | 270 | < 10 | < 10 | < 10 | < 30 | < 50 | NA | NA | NA | No |
| | 8-30-95 | < 10 | 110 | < 10 | < 10 | 210 | 80 | < 10 | < 10 | < 10 | < 30 | < 50 | NA | NA | NA | No |
| | 6-11-96 | 130 D | < 1.0 | 70 D | < 1.0 | 1,100 D | 250 D | 3.5 | 1.7 | < 1.0 | < 3.0 | < 5.0 | NA | NA | NA | Yes ² |
| MW-13BR2 | 12-14-94 | 63 | 130 | 33 | < 10 | 410 | 350 | < 10 | < 10 | < 10 | < 30 | < 50 | NA | NA | NA | No |
| | 8-30-95 | < 10 | < 10 | 62 | < 10 | < 10 | 320 | < 10 | < 10 | < 10 | < 30 | < 50 | NA | NA | NA | No |
| | 6-10-96 ⁹ | 27 | 68 D | 100 D | 2.6 | 240 D | 700 D | 6.6 | 1.8 | < 1.0 | < 3.0 | < 5.0 | NA | NA | NA | Yes ² |
| | 6-10-96 ¹⁰ | 31 | 72 D | 110 D | 3.0 | 260 D | 700 D | 6.0 | 1.8 | < 1.0 | < 3.0 | < 5.0 | NA | NA | NA | Yes ² |
| | 12-5-96 | 52 | 130 | 120 | < 10 | 470 | 710 | < 20 | < 10 | < 10 | < 20 | < 20 | 1.2 | 0.1 | 125.9 | No |
| MW-13BR3 | 12-14-94 | 78 | 210 | 21 | < 20 | 620 | 300 | < 20 | < 20 | < 20 | < 60 | < 100 | NA | NA | NA | No |
| | 8-30-95 | < 20 | < 20 | 42 | < 20 | 440 | 440 | < 20 | < 20 | < 20 | < 60 | < 100 | NA | NA | NA | No |
| | 6-10-96 ¹¹ | < 20 | < 20 | 66 | < 20 | 580 | 580 | < 20 | < 20 | < 20 | < 60 | < 100 | NA | NA | NA | No |
| | 6-10-96 ¹² | 1.4 | 1.5 | 59 D | 1.7 | 2.1 | 480 D | 1.8 | 2.0 | < 1.0 | < 3.0 | < 5.0 | NA | NA | NA | No |
| NR 140 Enforcement Standard | | 7 | 850 | 70 | 100 | 200 | 5 | 0.2 | 343 | 700 | 620 | 40 | NS | NS | NS | -- |
| NR 140 Preventive Action Limit | | 0.7 | 85 | 7 | 20 | 40 | 0.5 | 0.02 | 68.6 | 140 | 124 | 8 | NS | NS | NS | -- |

NOTES:
¹ This table includes only those compounds listed in NR 140 that were detected in at least one sample.
² Other compounds detected in the on-site groundwater includes the following:
 Well MW-3D: 1,2,4-trimethylbenzene at 30 µg/L (8-25-94) and 6.8 µg/L (12-14-94)
 Well MW-3BR1: chloroethane at 1.2 µg/L (6-11-96).
 Well MW-13BR2: dichlorodifluoromethane at 3.8/3.8 µg/L (6-11-96).
³ Duplicate samples
⁴ Bolded values indicate constituents that exceed NR 140 Preventive Action Limits.
⁵ D Analyte value from diluted analysis.
⁶ E Estimated concentration; analyte concentration exceeds calibration range.
⁷ Q Qualitative mass spectral evidence of analyte present; concentration is less than the reporting limit.
⁸ DCE dichloroethene
⁹ DCA dichloroethane
¹⁰ TCA trichloroethane
¹¹ TCE trichloroethene
¹² NA Not analyzed
 NS No standard or limit specified by NR 140

TABLE 21

SUMMARY OF VOCs DETECTED IN DOWNGRADIENT GROUNDWATER ($\mu\text{g/L}$)¹
TECUMSEH PRODUCTS COMPANY

| Well ID | Sample Date | Vinyl Chloride | 1,1-Dichloroethene | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1,1-Trichloroethene | 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 | 2.6 | NA | NA | NA |
| | 6-10-96 | <2.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | NA | NA | NA |
| MW-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 | 10.4 |
| 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 $\mu\text{g/L}$; 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.

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

| Analyte | 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.