

December 13, 2007

Ms. Kristin DuFresne  
Wisconsin Department of Natural Resources  
P.O. Box 10448  
Green Bay, Wisconsin 54307-0448

RE: Additional Information for Site Investigation Work Plan  
D&G Mobil & Quickmart, 125 US Hwy 141, Coleman, Wisconsin  
WDNR BRRTS #03-38-204911; Commerce #54112-9792-35

Dear Ms. DuFresne:

As requested, enclosed are additional documents to support the Site Investigation Work Plan submitted for the above-referenced site by Bay Environmental Strategies, Inc. (BAY) on November 28, 2007.

The enclosed documents include:

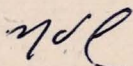
- Limited Environmental Site Assessment Report prepared by MES; June 27, 2002.
- Status Update prepared by MES; December 9, 2002.

The December 20<sup>th</sup> drilling has been rescheduled for January 7, 2008, to allow adequate time to review the additional information. Without any unforeseen delays, BAY expects to have the results of the drilling within two to three weeks of the site activities and will provide the WDNR with a letter report shortly after.

If you have any questions, please contact me at (920) 433-9335.

Sincerely,

**BAY ENVIRONMENTAL STRATEGIES, INC.**



Noel Versch, CHMM  
Project Manager

cc: Mr. George Hannan, W6826 County B, Pound, WI 54161

12-18-07 Request for May 10, 2001 Fischer Phase I.





**midwest engineering services, inc.**

geotechnical • environmental • materials engineers

**COPY**

104 W. Jackson St.  
Ripon, WI 54971-1314  
920-745-2200  
FAX 920-745-2222  
www.midwesteng.com

June 27, 2002

James Cronmiller  
F&M Bank  
205 East 4<sup>th</sup> Street  
Kaukauna, WI 54130

**RE: LIMITED ENVIRONMENTAL SITE ASSESSMENT REPORT**  
D&G Warehouse  
Southwest Corner of Linda Lane and U.S. Hwy 141  
Coleman, Wisconsin  
MES Project #12-21023

Dear Mr. Cronmiller:

Midwest Engineering Services, Inc. (MES) is pleased to provide you with this report summarizing the Limited Environmental Site Assessment (LSA) completed at the referenced site. The following paragraphs contain a brief description of the project and scope of work provided. It also presents the results and conclusions.

## INTRODUCTION

FISCHER (now MES) completed a Phase I Environmental Site Assessment at the property during May 2001. D&G Mobil Quik Mart, located at 125 North Highway 141 and immediately to the south of the subject site, was identified as a leaking underground storage tank (UST) site. One 10,000-gallon UST, and two 4,000-gallon UST, all containing unleaded gasoline, were reportedly removed from the D&G Mobil Quik Mart property on October 21, 1999. Soil samples collected from the UST excavation exhibited the presence of gasoline range organics (GRO), diesel range organics (DRO), and petroleum volatile organic compounds (PVOC) at concentrations exceeding the NR 720 Residual Contaminant Levels (RCL). Because of the potential for petroleum compounds from this facility to have migrated to the subject site, MES recommended that this Phase II LSA be performed.

The site is located within the southwest  $\frac{1}{4}$  of the southwest  $\frac{1}{4}$  Section 14, Township 30 North, Range 20 East, Village of Coleman, Marinette County, Wisconsin. A site location map is provided as Figure 1, (Attachment A). More specifically the site is located 145 North Highway 141, Coleman, Wisconsin. One building currently occupies the site. Vegetation surrounded the structure to the north, south, and east. A parking area was observed to the south and west.

F&M Bank is reportedly foreclosing on both the D&G Mobil Quik Mart and D&G Warehouse properties. However, the Quik Mart property was not included as part of the original Phase I, nor this LSA.

## AUTHORIZATION

F&M Bank authorized MES to complete an LSA at the site on May 16, 2002. Authorization was granted by F&M Bank in the form of a signed acceptance copy of MES proposal number 12-1027, dated May 7, 2002. The general conditions for the performance of the work were referenced in the proposal.

## SCOPE OF WORK

MES supervised the advancement of three soil borings on the D&G Warehouse property on May 20, 2002 using hollow-stem auger drilling techniques. The boring locations are shown on Figure 2, (Attachment A). The borings were advanced to a depth of 8 to 10 feet below ground surface (bgs). The soil boring information log forms showing the stratigraphy observed at the site is provided in Attachment B. The borings were continuously sampled to the total boring depth.

Soil boring B-1 was converted to temporary monitoring well TW-1. Temporary well TW-1 was constructed with 10 feet of 2-inch diameter schedule 40 polyvinyl chloride screen. A well construction form for TW-1 is provided in Attachment B. The temporary well was allowed to stabilize for approximately two hours, groundwater samples were collected from the well, the screen was removed, and the borehole was abandoned in general accordance with NR 141 requirements. In addition, soil borings B-2 and B-3 were abandoned upon completion. Borehole abandonment records are provided in Attachment B.

The borings were advanced on the property by MES personnel utilizing a truck-mounted rotary drill rig utilizing 3¼-inch or 4¼-inch inside diameter, continuous flight hollow-stem augers. Representative samples were obtained using a steel split spoon sampler throughout the total depth of the boring. All soil samples were visually classified in general accordance with the Unified Soil Classification System (ASTM D-2488-75).

## EQUIPMENT CLEANING PROCEDURES

Reusable portions of the split-spoon sampling devices were cleaned with a detergent solution and potable water wash following each sample interval. The cleaning of the augers used to drill the borings was performed with a high pressure, hot water (HPHW) sprayer prior to beginning the field operations. These procedures were performed to reduce the potential for cross-contamination between discrete sampling depths.

## FIELD VOLATILE ORGANIC VAPOR EMISSION SCREENING

Soil samples collected during the drilling activities were screened for volatile organic vapor in the field using a Thermo Environmental Model 580B photoionization detector (PID) with a 10.6 electron volt (eV) lamp calibrated to a 100 ppm isobutylene standard. Soil samples were allowed to equilibrate before headspace readings were measured. The PID tip was inserted into the container and allowed to draw from the sample container atmosphere. The PID is an electronic instrument that measures the relative concentration of volatile organic vapors in the headspace of a container. The response of the instrument is dependent upon volatility,

temperature, and the ionization potential of the compounds measured. The meter serves as one tool in selecting samples for analytical testing and estimating zones of more highly affected soil, as it only gives a relative indication of the presence of volatile organic vapors. It cannot quantify concentrations of individual compounds.

The soil samples were permitted to equilibrate at approximately 70° Fahrenheit for a period of at least 20 minutes, based upon the ambient outdoor temperature. The screening was then performed by inserting the probe into the bag and measuring the headspace. In addition, the results are summarized on the soil boring information log forms provided in Attachment B.

### **SAMPLE COLLECTION AND ANALYSIS**

The companion soil samples for chemical analyses were selected from the borings based upon visual and olfactory observations, and the PID screenings, to document the encountered soil conditions. In general, soil samples were collected from depths of 6 to 8 feet.

Based on the substances stored in the UST on the adjacent property, the soil samples were subjected to laboratory analysis for the presence of PVOC, GRO and DRO. The analytical samples were placed on ice, chain of custody procedures were initiated, and the samples were submitted to EnChem Inc., of Green Bay, WI.

A groundwater sample collected from well TW-1 was submitted for laboratory analysis of VOC.

### **SITE ASSESSMENT RESULTS**

Stratigraphy observed at the site consists of approximately four feet of brown silty sand and gravel fill. Brown silty sand underlies the fill to termination depth of the borings. Stratigraphy observed at the borings is depicted on the boring log forms provided in Attachment B.

No obvious odors or discoloration were observed in the soil samples. In addition, volatile organic vapors were not measured in the soil samples collected. Companion soil samples collected from each boring at depths of approximately 6 to 8 feet were submitted for laboratory analysis of PVOC, GRO and DRO. The soil sample collected from boring B-2 contained DRO at a concentration of 11 milligrams per kilogram ( $\mu\text{g}/\text{kg}$ ). PVOC and GRO were not detected in the soil samples collected at the site. Analytical results from soil samples collected at the site are summarized on Table 1, (Attachment C) and a copy of the analytical report is provided in Attachment D.

The groundwater sample collected from well TW-1 was submitted for laboratory analysis of volatile organic compounds (VOC). VOCs were not detected in the water samples. Analytical results from groundwater samples collected at the site are summarized on Table 2 Attachment C, and a copy of the analytical report is provided in Attachment D.

### **CONCLUSIONS AND RECOMMENDATIONS**

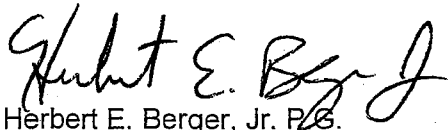
Based on the investigation activities completed at the property, soils at the borings have not been significantly affected by the analyzed for parameters. In addition, no VOCs were detected

within the groundwater samples obtained from TW-1. As a result, the release at the D&G Mobil Quik Mart does not appear to have affected the D&G Warehouse property at the tested locations.

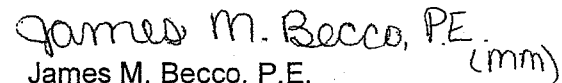
MES appreciates the opportunity to assist you with this project. Please contact MES at (920) 745-2200 if you have any questions.

Respectfully Yours,

**MIDWEST ENGINEERING SERVICES, INC.**



Herbert E. Berger, Jr. P.E.  
Senior Hydrogeologist



James M. Becco, P.E.  
James M. Becco, P.E.  
Region Manager

Attachment A Figures

Attachment B Borehole Log Borehole Abandonment Form and Well Construction Records

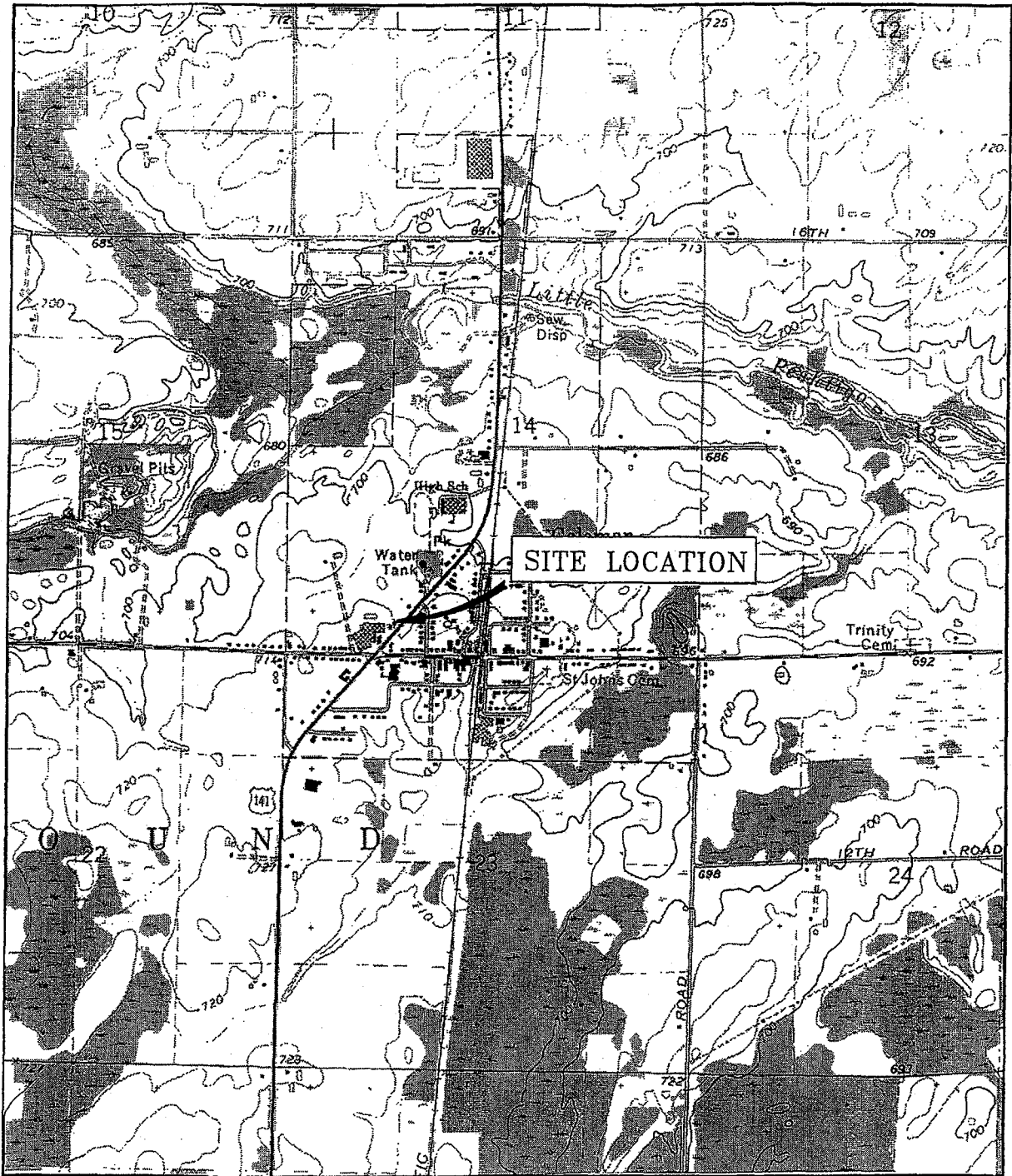
Attachment C: Data Tables

Attachment D: Analytical Report

HB/jf/jb

# ATTACHMENT A

## FIGURES



COLEMAN QUADRANGLE  
 U.S.G.S. 7.5 MINUTE SERIES  
 (TOPOGRAPHIC) MARINETTE COUNTY  
 WISCONSIN



SCALE: 1:24,000

FIGURE 1: SITE LOCATION MAP

**MES**  
 MIDWEST ENGINEERING SERVICES

104 W. JACKSON ST.,  
 RIPON, WI 54971  
 TEL: (920) 745-2200  
 FAX: (920) 745-2222

12-21023  
 DATE: 6/24/02  
 ID#: FIG1

D & G WAREHOUSE  
 COLEMAN, WISCONSIN  
 PHASE II LSA REPORT

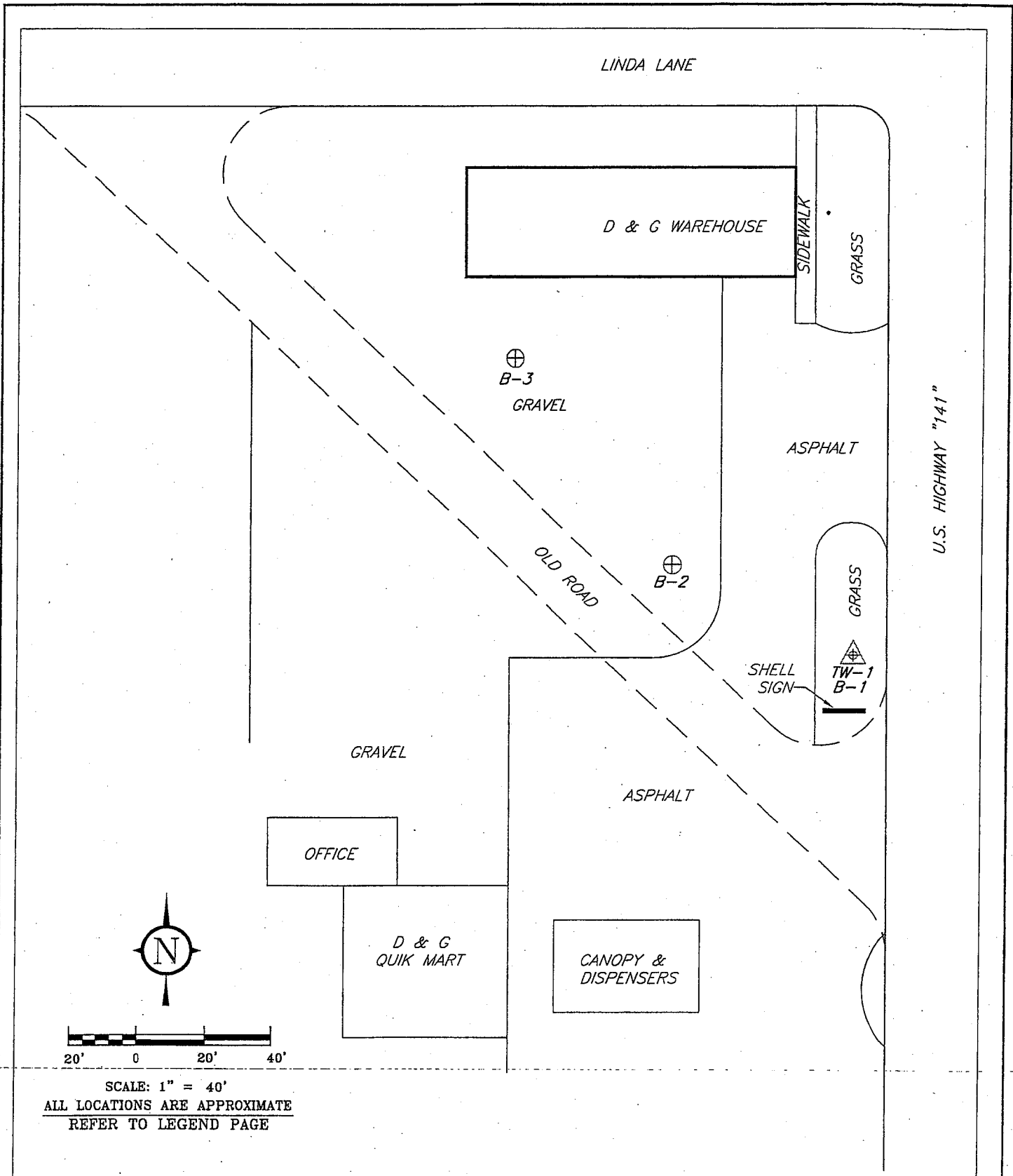



FIGURE 2: SOIL BORING AND TEMPORARY MONITORING WELL LOCATION MAP

|  |   |                     |   |
|--|---|---------------------|---|
|  <p><b>MES</b><br/>MIDWEST ENGINEERING SERVICES</p> | <p>104 W. JACKSON ST.,<br/>RIPON, WI.<br/>TEL: (920) 745-2200<br/>FAX: (920) 745-2222</p> | <p>12-21023</p>     | <p>D &amp; G WAREHOUSE<br/>COLEMAN, WISCONSIN<br/>PHASE II LSA REPORT</p> |
|  | <p>DRAWN BY: KP</p>   | <p>REVIEWED BY:</p> |   |
|  | <p>DATE: 6/24/02</p>  | <p>APPROVED BY:</p> |   |
|  | <p>ID#: PLOT</p>  |                     |   |



**ATTACHMENT B**

**BOREHOLE LOG BOREHOLE ABANDONMENT FORM  
AND WELL CONSTRUCTION RECORDS**



|   |                                  |                                |  |   |   |
|---|----------------------------------|--------------------------------|--|---|---|
| Facility/Project Name<br><i>D &amp; G Warehouse / 12-21023</i>                                    |                                  |                                | License/Permit/Monitoring Number<br><i>N/A</i>         |   | Boring Number<br><i>B-2</i>   |
| Boring Drilled By (Firm name and name of crew chief)<br><i>MES<br/>Gary Wellner</i>               |                                  |                                | Date Drilling Started<br><i>5/20/02</i>                | Date Drilling Completed<br><i>5/20/02</i> | Drilling Method<br><i>HSA</i>   |
| DNR Facility Well No.<br><i>N/A</i>   | WI Unique Well No.<br><i>N/A</i> | Common Well Name<br><i>N/A</i> | Final Static Water Level<br><i>Feet MSL</i>            | Surface Elevation<br><i>Feet MSL</i>      | Borehole Diameter<br><i>8 inches</i>                                  |
| Boring Location<br>State Plane <i>N, E</i><br><i>SW 1/4 of the SE 1/4 of Sect. 14, T31N, R20E</i> |                                  |                                | Lat <i>N 045° 04' 0"</i><br>Long <i>W 088° 02' 22"</i> |   | Local Grid Location (If applicable)<br><i>Feet S</i><br><i>Feet W</i> |
| County<br><i>Marinette</i>  |                                  | DNR County Code<br><i>38</i>   | Civil Town/City/ or Village<br><i>Coleman</i>          |   |   |

| Sample Number | Length Recovered (in) | Blow Counts    | Depth in Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | USCS | Graphic Log | Well Diagram | PID | Soil Properties      |                  |              |               |            | RQD/ Comments |
|---------------|-----------------------|----------------|---------------|---|------|-------------|--------------|-----|----------------------|------------------|--------------|---------------|------------|---------------|
|               |                       |                |               |   |      |             |              |     | Standard Penetration | Moisture Content | Liquid Limit | Plastic Limit | P 200      |               |
| SS-1          |                       | --             | 0-2           | Brown, silty SAND with gravel, moist. (FILL)                  |      | ▲▲▲▲        |              | 0   | --                   |                  |              |               |            |               |
| SS-2          |                       | 4,5<br>5,7     | 2-4           |   |      | ▲▲▲▲        |              | 0   | 10                   |                  |              |               |            |               |
| SS-3          |                       | 7,12<br>17,27  | 4-6           | No recovery.  |      |             |              | 0   | 29                   |                  |              |               |            |               |
| SS-4          |                       | 10,18<br>24,28 | 6-8           | Brown, silty SAND, trace gravel, moist to wet.                | SM   | ■           |              | 0   | 42                   |                  |              |               | Lab sample |               |
| SS-5          |                       | 20<br>50/6"    | 8-10          | Brown, silty SAND, wet.                                       |      |             |              | 0   | 50+                  |                  |              |               |            |               |
|               |                       |                | 10-22         | End of boring at 9.0 feet, spoon refusal.                     |      |             |              |     |                      |                  |              |               |            |               |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Brian Youngman* Firm **Midwest Engineering Services**

This form is authorized by Chapters 144.147 and 182, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeited not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 182.06, Wis. Stats.

|   |                                  |  |  |                                      |   |
|---|----------------------------------|--|--|--------------------------------------|---|
| Facility/Project Name<br><i>D &amp; G Warehouse / 12-21023</i>                                    |                                  | License/Permit/Monitoring Number<br><i>N/A</i> |  | Boring Number<br><i>B-3</i>          |   |
| Boring Drilled By (Firm name and name of crew chief)<br><i>MES<br/>Gary Wellner</i>               |                                  | Date Drilling Started<br><i>5/20/02</i>        | Date Drilling Completed<br><i>5/20/02</i>              | Drilling Method<br><i>HSA</i>        |   |
| DNR Facility Well No.<br><i>N/A</i>   | WI Unique Well No.<br><i>N/A</i> | Common Well Name<br><i>N/A</i>                 | Final Static Water Level<br><i>Feet MSL</i>            | Surface Elevation<br><i>Feet MSL</i> | Borehole Diameter<br><i>8 inches</i>                                  |
| Boring Location<br>State Plane <i>N, E</i><br><i>SW 1/4 of the SE 1/4 of Sect. 14, T31N, R20E</i> |                                  |  | Lat <i>N 045° 04' 0"</i><br>Long <i>W 088° 02' 22"</i> |                                      | Local Grid Location (if applicable)<br><i>Feet S</i><br><i>Feet W</i> |
| County<br><i>Marinette</i>  |                                  | DNR County Code<br><i>38</i>                   | Civil Town/City/ or Village<br><i>Coleman</i>          |                                      |   |

| Sample Number | Length Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description<br>And Geologic Origin For<br>Each Major Unit | USCS | Graphic Log | Well Diagram | PID | Soil Properties      |                  |              |               |            | RQD/<br>Comments |
|---------------|-----------------------|-------------|---------------|---|------|-------------|--------------|-----|----------------------|------------------|--------------|---------------|------------|------------------|
|               |                       |             |               |   |      |             |              |     | Standard Penetration | Moisture Content | Liquid Limit | Plastic Limit | P 200      |                  |
| SS-1          |                       | ---         | 2             | Brown SAND & GRAVEL, moist. (FILL)                                  |      |             |              | 0   | 1                    |                  |              |               |            |                  |
| SS-2          | 4,5<br>7,8            |             | 4             | Brown, silty SAND, trace gravel, moist.                             |      |             |              | 0   | 12                   |                  |              |               |            |                  |
| SS-3          | 5,10<br>11,12         |             | 6             | Brown, silty SAND, trace gravel, moist to wet.                      | SM   |             |              | 0   | 21                   |                  |              |               |            |                  |
| SS-4          | 7,17<br>20,23         |             | 8             | End of boring at 8.0 feet.  |      |             |              | 0   | 37                   |                  |              |               | Lab sample |                  |
|               |                       |             | 10            |   |      |             |              |     |                      |                  |              |               |            |                  |
|               |                       |             | 12            |   |      |             |              |     |                      |                  |              |               |            |                  |
|               |                       |             | 14            |   |      |             |              |     |                      |                  |              |               |            |                  |
|               |                       |             | 16            |   |      |             |              |     |                      |                  |              |               |            |                  |
|               |                       |             | 18            |   |      |             |              |     |                      |                  |              |               |            |                  |
|               |                       |             | 20            |   |      |             |              |     |                      |                  |              |               |            |                  |
|               |                       |             | 22            |   |      |             |              |     |                      |                  |              |               |            |                  |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Ben Youngman*      Firm **Midwest Engineering Services**

This form is authorized by Chapters 144.147 and 182, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.98 and 182.08, Wis. Stats.

|   |  |  |
|---|--|--|
| Facility/Project Name<br><i>D &amp; G Warehouse / 12-21023</i>  | Local Grid Location of Well<br><i>Feet S, Feet W</i>   | Well Name<br><i>TW-1</i>   |
| Facility License, Permit or Monitoring Number<br><i>N/A</i>   | Grid Origin Location   | Wis. Unique Well Number <i>N/A</i> DNR Well Number <i>N/A</i>              |
| Type of Well<br>Water Table Observation Well <input checked="" type="checkbox"/> 11<br>Piezometer <input type="checkbox"/> 12 | Section Location of Waste/Source<br><i>SW 1/4 of the SE 1/4 of Sect. 14, T31N, R20E</i>  | Date Well Installed<br><i>5/20/02</i>                                      |
| Distance Well Is From Waste/Source Boundary   | Location of Well Relative to Waste/Source<br><i>u</i> <input type="checkbox"/> Upgradient <i>s</i> <input type="checkbox"/> Sidegradient<br><i>d</i> <input type="checkbox"/> Downgradient <i>n</i> <input type="checkbox"/> Not Known | Well Installed By: (Person's Name and Firm)<br><i>Gary Wellner<br/>MES</i> |
| Is Well A Point of Enforcement Std. Application?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No       |  |  |

1. Cap and lock?  Yes  No

2. Protective cover pipe:  
a. Inside diameter: \_\_\_\_\_ in.  
b. Length: \_\_\_\_\_ ft.  
c. Material: Steel  04  
                  Other   
d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_

3. Surface seal: Bentonite  30  
                          Concrete  01  
                          Other   
none \_\_\_\_\_

4. Material between well casing and protective pipe:  
Bentonite  30  
Annular space seal   
none \_\_\_\_\_ Other

5. Annular space seal: a. Granular Bentonite  33  
b. \_\_\_\_\_ Lbs/gal mud weight ..... Bentonite-sand slurry  35  
c. \_\_\_\_\_ Lbs/gal mud weight ..... Bentonite slurry  31  
d. \_\_\_\_\_ % Bentonite ..... Bentonite-cement grout  50  
e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
f. How installed: Tremie  01  
                          Tremie pumped  02  
                          Gravity  08

6. Bentonite seal: a. Bentonite Granules  33  
b.  1/4 in.  3/8 in.  1/2 in. Bentonite pellets  32  
c. none \_\_\_\_\_ Other

7. Fine sand material: Manufacturer, product name and mesh size  
a. none \_\_\_\_\_  
b. Volume added \_\_\_\_\_ ft<sup>3</sup>

8. Filter pack material: Manufacturer, product name and mesh size  
a. none \_\_\_\_\_  
b. Volume added \_\_\_\_\_ ft<sup>3</sup>

9. Well casing: Flush threaded PVC schedule 40  23  
                          Flush threaded PVC schedule 80  24  
                          Other

10. Screen material: PVC  
a. Screen type: Factory cut  11  
                          Continuous slot  01  
                          Other   
b. Manufacturer \_\_\_\_\_  
c. Slot size: \_\_\_\_\_ 0.01 in.  
d. Slotted length: \_\_\_\_\_ 10 ft.

11. Backfill material (below filter pack): None  14  
                          Other

12. USCS Classification of soil near screen:  
GP  GM  GC  GW  SW  SP   
SM  SC  ML  MH  CL  CH   
Bedrock

13. Sieve analysis attached?  Yes  No

14. Drilling method used: Rotary  50  
                          Hollow Stem Auger  41  
                          Other

15. Drilling fluid used: Water  02    Air  01  
                          Drilling Mud  03    None  99

16. Drilling additives used?  Yes  No  
Describe \_\_\_\_\_

17. Source of water (attach analysis):  
*n/a*

A. Protective pipe, top elevation \_\_\_\_\_ ft. MSL

B. Well casing, top elevation \_\_\_\_\_ ft. MSL

C. Land surface elevation \_\_\_\_\_ ft. MSL

D. Surface seal, bottom \_\_\_\_\_ ft. MSL or 0 ft.

E. Bentonite seal, top \_\_\_\_\_ ft. MSL or 0 ft.

F. Fine sand, top \_\_\_\_\_ ft. MSL or 0 ft.

G. Filter pack, top \_\_\_\_\_ ft. MSL or 0 ft.

H. Screen joint, top \_\_\_\_\_ ft. MSL or 0 ft.

I. Well bottom \_\_\_\_\_ ft. MSL or 10.0 ft.

J. Filter pack, bottom \_\_\_\_\_ ft. MSL or 10.5 ft.

K. Borehole, bottom \_\_\_\_\_ ft. MSL or 10.5 ft.

L. Borehole, diameter *8* in.

M. O.D. well casing *2.4* in.

N. I.D. well casing *2.0* in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Ben Youngman* Firm *Midwest Engineering Services*

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 180 Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144 Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147 Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.







All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

|   |                            |  |                                  |
|---|----------------------------|--|----------------------------------|
| <b>(1) GENERAL INFORMATION</b>  |                            | <b>(2) FACILITY NAME</b>                                     |                                  |
| Well/Drillhole/Borehole Location<br><i>D &amp; G Warehouse</i>            | County<br><i>Marinette</i> | Original Well Owner (If Known)<br><i>F &amp; M Bank</i>      |                                  |
| Section Location<br><i>SW 1/4 of the SE 1/4 of Section 14, T31N, R20E</i> |                            | Present Well Owner<br><i>F &amp; M Bank</i>                  |                                  |
| (If applicable)<br>Gov't Lot  | Grid Number                | Street or Route<br><i>P.O. Box 890</i>                       |                                  |
| Grid Location<br><i>Feet S, Feet W</i>                                    |                            | City, State, Zip Code<br><i>Pulaski, WI</i>                  |                                  |
| Civil Town Name<br><i>Coleman</i>   |                            | Facility Well No. and/or Name (If Applicable)<br><i>TW-1</i> | WI Unique Well No.<br><i>N/A</i> |
| Street Address of Well<br><i>125 N. Highway 141</i>                       |                            | Reason For Abandonment<br><i>Sampling completed</i>          |                                  |
| City, Village<br><i>Coleman</i>   |                            | Date of Abandonment<br><i>5/20/02</i>                        |                                  |

**WELL/DRILLHOLE/BOREHOLE INFORMATION**

|   |  |  |  |
|---|--|--|--|
| <b>(3) Original Well/Drillhole/Borehole Construction Completed On</b><br>(Date) <i>5/20/02</i><br><br><input checked="" type="checkbox"/> Monitoring Well<br><input type="checkbox"/> Water Well<br><input type="checkbox"/> Drillhole<br><input type="checkbox"/> Borehole<br><br>Construction Report Available?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Construction Type:<br><input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug<br><input type="checkbox"/> Other (Specify)<br><br>Formation Type:<br><input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock<br><br>Total Well Depth (ft.) <i>10.5</i> Casing Diameter (ins.) <i>1.25</i><br>(From ground surface)<br><br>Casing Depth (ft.) <i>n/a</i><br><br>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown<br>If Yes, To What Depth? <i>n/a Feet</i> |  | <b>(4) Depth to Water (Feet)</b> <i>7.04</i><br><br>Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Screen Removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>If No, Explain<br><br>Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No |  |
| <b>(5) Required Method of Placing Sealing Material</b><br><input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped<br><input type="checkbox"/> Dump Baller <input checked="" type="checkbox"/> Other (Explain) <i>Gravity</i>   |  | <b>(6) Sealing Materials</b><br><input type="checkbox"/> Neat Cement Grout<br><input type="checkbox"/> Sand-Cement (Concrete) Grout<br><input type="checkbox"/> Concrete<br><input type="checkbox"/> Clay-Sand Slurry<br><input type="checkbox"/> Bentonite-Sand Slurry<br><input checked="" type="checkbox"/> Chipped Bentonite<br><br>For monitoring wells and monitoring well boreholes only<br><input type="checkbox"/> Bentonite Pellets<br><input type="checkbox"/> Granular Bentonite<br><input type="checkbox"/> Bentonite-Cement Grout  |  |

| (7) Sealing Material Used   | From (Ft.)     | To (Ft.)    | No. Yards, Sacks Sealant or Volume | Mix Ratio or Mud Weight |
|-----------------------------|----------------|-------------|------------------------------------|-------------------------|
| <i>3/8" Bentonite chips</i> | <i>surface</i> | <i>10.5</i> | <i>5.5 bags</i>                    |                         |
|                             |                |             |                                    |                         |
|                             |                |             |                                    |                         |

**(8) Comments:**

|   |   |
|---|---|
| <b>(9) Name of Person or Firm Doing Sealing Work</b><br><i>Midwest Engineering Services</i> |   |
| Signature of Person Doing Work<br><i>[Signature]</i>  | Date Signed<br><i>6/3/02</i>              |
| Street or Route<br><i>104 West Jackson Street</i>   | Telephone Number<br><i>(920) 745-2200</i> |
| City, State, Zip Code<br><i>Ripon, WI 54971</i>   |   |

| <b>(10) FOR DNR OR COUNTY USE ONLY</b> |   |
|--|---|
| Date Received/Inspected                | District/County   |
| Reviewer/Inspector                     | <input checked="" type="checkbox"/> Complying Work<br><input type="checkbox"/> Non-complying Work |
| Follow-up Necessary                    |   |

**ATTACHMENT C**

**DATA TABLES**

**TABLE 1**  
**SUMMARY OF SOIL ANALYTICAL RESULTS**  
**D&G WAREHOUSE**  
**MES PROJECT No. 12-21023**

| Sample No.  | NR 720 | NR 746 | NR 746 | B-1      | B-2      | B-3      |
|---|--------|--------|--------|----------|----------|----------|
| Sampling Date   | RCL    | SSL    | DCL    | 05/20/02 | 05/20/02 | 05/20/02 |
| Sample Depth (feet)   |        |        |        | 6-8'     | 6-8'     | 6-8'     |
| <b>GASOLINE RANGE ORGANICS (GRO), DIESEL RANGE ORGANICS (DRO) (mg/kg)</b> |        |        |        |          |          |          |
| GRO   | 250    | NE     | NE     | <2.8     | <2.7     | <2.7     |
| DRO   | 250    | NE     | NE     | <4.0     | 11       | <3.6     |
| <b>PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC) (µg/kg)</b>                |        |        |        |          |          |          |
| Benzene   | 5.5    | 8500   | 1100   | <25      | <25      | <25      |
| Ethylbenzene  | 2900   | 4600   | NE     | <25      | <25      | <25      |
| Methyl tert-butyl ether   | NE     | NE     | NE     | <25      | <25      | <25      |
| Toluene   | 1500   | 38000  | NE     | <25      | <25      | <25      |
| 1,2,4-Trimethylbenzene  | NE     | 83000  | NE     | <25      | <25      | <25      |
| 1,3,5-Trimethylbenzene  | NE     | 11000  | NE     | <25      | <25      | <25      |
| Xylenes, -m, -p   | 4100   | 42000  | NE     | <25      | <25      | <25      |
| Xylenes, -o   |        |        |        | <25      | <25      | <25      |

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

RCL = Residual Contaminant Level

SSL = Soil Screening Level

DCL = Direct Contact Level

NA = Parameter not analyzed

NE = NR 720 RCL not established

Q = Analyte detected above laboratory limit of detection but below limit of quantitation.

Bold indicates analytical results exceed NR 720 RCL



**TABLE 2**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**D&G WAREHOUSE**  
**MES PROJECT No. 12-21023**

| Monitoring Well   | NR 140 |      | TW-1    |
|---|--------|------|---------|
| Sampling Date   | ES     | PAL  | 5/20/02 |
| <b>PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC) (<math>\mu\text{g/L}</math>)</b>     |        |      |         |
| Benzene   | 5      | 0.5  | <0.48   |
| Ethylbenzene  | 700    | 140  | <0.43   |
| Methyl tert-butyl ether   | 60     | 12   | <0.67   |
| Napthalene  | 40     | 8    | <0.59   |
| Toluene   | 1000   | 200  | Q       |
| 1,2,4 -Trimethylbenzene   | 480    | 96   | <0.51   |
| 1,3,5 -Trimethylbenzene   |        |      | <0.52   |
| Xylenes, -m, -p   | 10000  | 1000 | <1.4    |
| Xylenes, -o   |        |      | <0.54   |
| <b>OTHER DETECTED VOLATILE ORGANIC COMPOUNDS (VOC) (<math>\mu\text{g/L}</math>)</b> |        |      |         |
| sec-Butylbenzene  | NE     | NE   | <0.49   |
| n-Butylbenzene  | NE     | NE   | <0.61   |
| 1,2-Dichloroethane  | 5      | 0.5  | <0.47   |
| 1,1-Dichloroethene  | 850    | 85   | <0.85   |
| Diisopropyl ether   | NE     | NE   | <0.60   |
| Isopropylbenzene  | NE     | NE   | <0.43   |
| p-Isopropyltoluene  | NE     | NE   | <0.57   |
| n-Propylbenzene   | NE     | NE   | <0.64   |

ES = Enforcement Standard

PAL = Preventive Action Limit

$\mu\text{g/L}$  = micrograms per liter

NA = Parameter not analyzed

NE = NR 140 ES not established

Q = Analyte detected above laboratory limit of detection but below limit of quantitation.

Bold indicates analytical results above NR 140 ES

**ATTACHMENT D**  
**ANALYTICAL REPORT**



Corporate Office & Laboratory  
1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436 • FAX: 920-469-8827  
800-7-ENCHEM



Madison Office & Laboratory  
525 Science Drive  
Madison, WI 53711  
608-232-3300 • FAX: 608-233-0502  
888-5-ENCHEM

- Analytical Report -

Project Name : D & G WAREHOUSE

Project Number : 12-21023

Client: MIDWEST ENGINEERING SERVICES

WI DNR LAB ID : 405132750

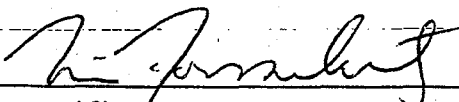
| Sample No. | Field ID    | Collection Date | Sample No. | Field ID | Collection Date |
|------------|-------------|-----------------|------------|----------|-----------------|
| 822654-001 | B-1 6-8'    | 5/20/02         |            |          |                 |
| 822654-002 | B-2 6-8'    | 5/20/02         |            |          |                 |
| 822654-003 | B-3 6-8'    | 5/20/02         |            |          |                 |
| 822654-004 | FIELD BLANK | 5/20/02         |            |          |                 |
| 822654-005 | TW-1        | 5/20/02         |            |          |                 |
| 822654-006 | TRIP BLANK  | 5/20/02         |            |          |                 |

Please visit our Internet homepage at: [www.enchem.com](http://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

05/29/02  
Date

- Analytical Report -

Project Name : D & G WAREHOUSE  
Project Number : 12-21023  
Field ID : B-1 6-8'  
Lab Sample Number : 822654-001  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 5/28/02  
Collection Date : 5/20/02  
Matrix Type : SOIL

Inorganic Results

| Test            | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Prep Method | Analysis Method | Analyst |
|-----------------|--------|-----|-----|-----|-------|------|---------------|-------------|-----------------|---------|
| Solids, percent | 89.9   |     |     |     | %     |      | 5/21/02       | SM 2540G M  | SM 2540G M      | KEG     |

Organic Results

Preservation Date : 5/21/02

DIESEL RANGE ORGANICS - SOIL      Prep Method: Wi MOD DRO      Prep Date: 5/24/02      Analyst: KEG

| Analyte               | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-----------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| DIESEL RANGE ORGANICS | < 4.0  |     |     | 4.0 | mg/kg  |      | 5/25/02       | Wi MOD DRO      |
| Blank spike           | 76     |     |     | 50  | %Recov |      | 5/25/02       | Wi MOD DRO      |
| Blank spike duplicate | 77     |     |     | 50  | %Recov |      | 5/25/02       | Wi MOD DRO      |
| Blank                 | < 5.0  |     |     | 5.0 | mg/kg  |      | 5/25/02       | Wi MOD DRO      |

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL      Prep Method: Wi MOD GRO      Prep Date: 5/22/02      Analyst: MSB

| Analyte                 | Result | LOD | LOQ | EQL  | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|------|--------|------|---------------|-----------------|
| Gasoline Range Organics | < 2.8  |     |     | 2.8  | mg/kg  |      | 5/23/02       | Wi MOD GRO      |
| Blank Spike             | 104    |     |     | 1.00 | %Recov |      | 5/23/02       | Wi MOD GRO      |
| Blank Spike Duplicate   | 102    |     |     | 1.00 | %Recov |      | 5/23/02       | Wi MOD GRO      |
| Blank                   | < 2.5  |     |     | 2.5  | mg/kg  |      | 5/23/02       | Wi MOD GRO      |

Organic Results

PVOC - METHANOL PRESERVED SOIL      Prep Method: SW846 5030B      Prep Date: 5/22/02      Analyst: MSB

| Analyte                 | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| a,a,a-Trifluorotoluene  | 114    |     |     |     | %Recov |      | 5/23/02       | SW846 M8021B    |
| Benzene                 | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Ethylbenzene            | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Methyl-tert-butyl-ether | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Toluene                 | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| 1,3,5-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| 1,2,4-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Xylenes, -m, -p         | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Xylene, -o              | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |

All soil results are reported on a dry weight basis unless otherwise noted.



- Analytical Report -

Project Name : D & G WAREHOUSE  
Project Number : 12-21023  
Field ID : B-2 6-8'  
Lab Sample Number : 822654-002  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 5/28/02  
Collection Date : 5/20/02  
Matrix Type : SOIL

Inorganic Results

| Test            | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Prep Method | Analysis Method | Analyst |
|-----------------|--------|-----|-----|-----|-------|------|---------------|-------------|-----------------|---------|
| Solids, percent | 92.2   |     |     |     | %     |      | 5/21/02       | SM 2540G M  | SM 2540G M      | KEG     |

Organic Results

Preservation Date : 5/21/02

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO Prep Date: 5/24/02 Analyst: KEG

| Analyte               | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-----------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| DIESEL RANGE ORGANICS | 11     |     |     | 3.9 | mg/kg  |      | 5/25/02       | Wi MOD DRO      |
| Blank spike           | 76     |     |     | 50  | %Recov |      | 5/25/02       | Wi MOD DRO      |
| Blank spike duplicate | 77     |     |     | 50  | %Recov |      | 5/25/02       | Wi MOD DRO      |
| Blank                 | < 5.0  |     |     | 5.0 | mg/kg  |      | 5/25/02       | Wi MOD DRO      |

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL

Prep Method: Wi MOD GRO Prep Date: 5/22/02 Analyst: MSB

| Analyte                 | Result | LOD | LOQ | EQL  | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|------|--------|------|---------------|-----------------|
| Gasoline Range Organics | < 2.7  |     |     | 2.7  | mg/kg  |      | 5/23/02       | Wi MOD GRO      |
| Blank Spike             | 104    |     |     | 1.00 | %Recov |      | 5/23/02       | Wi MOD GRO      |
| Blank Spike Duplicate   | 102    |     |     | 1.00 | %Recov |      | 5/23/02       | Wi MOD GRO      |
| Blank                   | < 2.5  |     |     | 2.5  | mg/kg  |      | 5/23/02       | Wi MOD GRO      |

Organic Results

PVOC - METHANOL PRESERVED SOIL

Prep Method: SW846 5030B Prep Date: 5/22/02 Analyst: MSB

| Analyte                 | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| a,a,a-Trifluorotoluene  | 114    |     |     |     | %Recov |      | 5/23/02       | SW846 M8021B    |
| Benzene                 | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Ethylbenzene            | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Methyl-tert-butyl-ether | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Toluene                 | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| 1,3,5-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| 1,2,4-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Xylenes, -m, -p         | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Xylene, -o              | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : D & G WAREHOUSE  
Project Number : 12-21023  
Field ID : B-3 6-8'  
Lab Sample Number : 822654-003  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 5/28/02  
Collection Date : 5/20/02  
Matrix Type : SOIL

Inorganic Results

| Test            | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Prep Method | Analysis Method | Analyst |
|-----------------|--------|-----|-----|-----|-------|------|---------------|-------------|-----------------|---------|
| Solids, percent | 92.3   |     |     |     | %     |      | 5/21/02       | SM 2540G M  | SM 2540G M      | KEG     |

Organic Results

Preservation Date : 5/21/02

DIESEL RANGE ORGANICS - SOIL

Prep Method: WI MOD DRO Prep Date: 5/24/02 Analyst: KEG

| Analyte               | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-----------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| DIESEL RANGE ORGANICS | < 3.6  |     |     | 3.6 | mg/kg  |      | 5/25/02       | WI MOD DRO      |
| Blank spike           | 76     |     |     | 50  | %Recov |      | 5/25/02       | WI MOD DRO      |
| Blank spike duplicate | 77     |     |     | 50  | %Recov |      | 5/25/02       | WI MOD DRO      |
| Blank                 | < 5.0  |     |     | 5.0 | mg/kg  |      | 5/25/02       | WI MOD DRO      |

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL

Prep Method: WI MOD GRO Prep Date: 5/22/02 Analyst: MSB

| Analyte                 | Result | LOD | LOQ | EQL  | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|------|--------|------|---------------|-----------------|
| Gasoline Range Organics | < 2.7  |     |     | 2.7  | mg/kg  |      | 5/23/02       | WI MOD GRO      |
| Blank Spike             | 104    |     |     | 1.00 | %Recov |      | 5/23/02       | WI MOD GRO      |
| Blank Spike Duplicate   | 102    |     |     | 1.00 | %Recov |      | 5/23/02       | WI MOD GRO      |
| Blank                   | < 2.5  |     |     | 2.5  | mg/kg  |      | 5/23/02       | WI MOD GRO      |

Organic Results

PVOC - METHANOL PRESERVED SOIL

Prep Method: SW846 5030B Prep Date: 5/22/02 Analyst: MSB

| Analyte                 | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| a,a,a-Trifluorotoluene  | 114    |     |     |     | %Recov |      | 5/23/02       | SW846 M8021B    |
| Benzene                 | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Ethylbenzene            | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Methyl-tert-butyl-ether | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Toluene                 | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| 1,3,5-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| 1,2,4-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Xylenes, -m, -p         | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |
| Xylene, -o              | < 25   | 25  | 60  |     | ug/kg  |      | 5/23/02       | SW846 M8021B    |

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : D & G WAREHOUSE  
 Project Number : 12-21023  
 Field ID : FIELD BLANK  
 Lab Sample Number : 822654-004  
 WI DNR LAB ID : 405132750  
 Client : MIDWEST ENGINEERING SERVICES  
 Report Date : 5/28/02  
 Collection Date : 5/20/02  
 Matrix Type : METHANOL

Organic Results

PVOC - METHANOL

Prep Method: SW846 5030B Prep Date: 5/22/02 Analyst: MSB

| Analyte                 | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| a,a,a-Trifluorotoluene  | 114    |     |     |     | %Recov |      | 5/23/02       | SW846 M8021B    |
| Benzene                 | < 25   | 25  | 60  |     | ug/l   |      | 5/23/02       | SW846 M8021B    |
| Ethylbenzene            | < 25   | 25  | 60  |     | ug/l   |      | 5/23/02       | SW846 M8021B    |
| Methyl-tert-butyl-ether | < 25   | 25  | 60  |     | ug/l   |      | 5/23/02       | SW846 M8021B    |
| Toluene                 | < 25   | 25  | 60  |     | ug/l   |      | 5/23/02       | SW846 M8021B    |
| 1,3,5-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/l   |      | 5/23/02       | SW846 M8021B    |
| 1,2,4-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/l   |      | 5/23/02       | SW846 M8021B    |
| Xylenes, -m, -p         | < 25   | 25  | 60  |     | ug/l   |      | 5/23/02       | SW846 M8021B    |
| Xylene, -o              | < 25   | 25  | 60  |     | ug/l   |      | 5/23/02       | SW846 M8021B    |

**- Analytical Report -**

Project Name : D &amp; G WAREHOUSE

Project Number : 12-21023

Field ID : TW-1

Lab Sample Number : 822654-005

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 5/28/02

Collection Date : 5/20/02

Matrix Type : WATER

**Organic Results**

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 5/22/02

Analyst: JJB

| Analyte                     | Result | LOD  | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|-----|-----|-------|------|---------------|-----------------|
| Benzene                     | < 0.48 | 0.48 | 1.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromobenzene                | < 0.44 | 0.44 | 1.4 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromochloromethane          | < 0.61 | 0.61 | 1.9 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromodichloromethane        | < 0.61 | 0.61 | 1.9 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromoform                   | < 0.70 | 0.70 | 2.2 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromomethane                | < 0.71 | 0.71 | 2.3 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| s-Butylbenzene              | < 0.49 | 0.49 | 1.6 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| t-Butylbenzene              | < 0.50 | 0.50 | 1.6 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| n-Butylbenzene              | < 0.61 | 0.61 | 1.9 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Carbon tetrachloride        | < 0.73 | 0.73 | 2.3 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chloroform                  | < 0.75 | 0.75 | 2.4 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chlorobenzene               | < 0.55 | 0.55 | 1.8 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chlorodibromomethane        | < 0.43 | 0.43 | 1.4 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chloroethane                | < 0.57 | 0.57 | 1.8 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chloromethane               | < 0.62 | 0.62 | 2.0 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 2-Chlorotoluene             | < 0.48 | 0.48 | 1.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 4-Chlorotoluene             | < 0.72 | 0.72 | 2.3 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dibromo-3-chloropropane | < 1.0  | 1.0  | 3.2 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dibromoethane           | < 0.91 | 0.91 | 2.9 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Dibromomethane              | < 0.67 | 0.67 | 2.1 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,3-Dichlorobenzene         | < 0.54 | 0.54 | 1.7 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,4-Dichlorobenzene         | < 0.39 | 0.39 | 1.2 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dichloroethane          | < 0.47 | 0.47 | 1.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dichlorobenzene         | < 0.67 | 0.67 | 2.1 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,1-Dichloroethene          | < 0.85 | 0.85 | 2.7 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| cis-1,2-Dichloroethene      | < 0.73 | 0.73 | 2.3 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Dichlorodifluoromethane     | < 0.68 | 0.68 | 2.2 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| trans-1,2-Dichloroethene    | < 0.79 | 0.79 | 2.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dichloropropane         | < 0.53 | 0.53 | 1.7 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,1-Dichloroethane          | < 0.48 | 0.48 | 1.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,3-Dichloropropane         | < 0.53 | 0.53 | 1.7 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 2,2-Dichloropropane         | < 0.95 | 0.95 | 3.0 |     | ug/L  |      | 5/23/02       | SW846 8260B     |

## - Analytical Report -

Project Name : D &amp; G WAREHOUSE

Project Number : 12-21023

Field ID : TW-1

Lab Sample Number : 822654-005

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 5/28/02

Collection Date : 5/20/02

Matrix Type : WATER

|                           |        |      |      |        |   |         |             |
|---------------------------|--------|------|------|--------|---|---------|-------------|
| 1,1-Dichloropropene       | < 0.85 | 0.85 | 2.7  | ug/L   |   | 5/23/02 | SW846 8260B |
| cis-1,3-Dichloropropene   | < 0.56 | 0.56 | 1.8  | ug/L   |   | 5/23/02 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.51 | 0.51 | 1.6  | ug/L   |   | 5/23/02 | SW846 8260B |
| Diisopropyl ether         | < 0.60 | 0.60 | 1.9  | ug/L   |   | 5/23/02 | SW846 8260B |
| Ethylbenzene              | < 0.43 | 0.43 | 1.4  | ug/L   |   | 5/23/02 | SW846 8260B |
| Fluorotrichloromethane    | < 0.52 | 0.52 | 1.7  | ug/L   |   | 5/23/02 | SW846 8260B |
| Hexachlorobutadiene       | < 0.84 | 0.84 | 2.7  | ug/L   |   | 5/23/02 | SW846 8260B |
| Isopropylbenzene          | < 0.43 | 0.43 | 1.4  | ug/L   |   | 5/23/02 | SW846 8260B |
| p-Isopropyltoluene        | < 0.57 | 0.57 | 1.8  | ug/L   |   | 5/23/02 | SW846 8260B |
| Methylene chloride        | < 0.85 | 0.85 | 2.7  | ug/L   |   | 5/23/02 | SW846 8260B |
| Methyl-tert-butyl-ether   | < 0.67 | 0.67 | 2.1  | ug/L   |   | 5/23/02 | SW846 8260B |
| Naphthalene               | < 0.59 | 0.59 | 1.9  | ug/L   |   | 5/23/02 | SW846 8260B |
| n-Propylbenzene           | < 0.64 | 0.64 | 2.0  | ug/L   |   | 5/23/02 | SW846 8260B |
| Styrene                   | < 0.43 | 0.43 | 1.4  | ug/L   |   | 5/23/02 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.91 | 0.91 | 2.9  | ug/L   |   | 5/23/02 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.75 | 0.75 | 2.4  | ug/L   |   | 5/23/02 | SW846 8260B |
| Tetrachloroethene         | < 0.57 | 0.57 | 1.8  | ug/L   |   | 5/23/02 | SW846 8260B |
| Toluene                   | 0.95   | 0.47 | 1.5  | ug/L   | Q | 5/23/02 | SW846 8260B |
| 1,2,3-Trichlorobenzene    | < 0.57 | 0.57 | 1.8  | ug/L   |   | 5/23/02 | SW846 8260B |
| 1,2,4-Trichlorobenzene    | < 0.60 | 0.60 | 1.9  | ug/L   |   | 5/23/02 | SW846 8260B |
| 1,1,1-Trichloroethane     | < 0.69 | 0.69 | 2.2  | ug/L   |   | 5/23/02 | SW846 8260B |
| 1,1,2-Trichloroethane     | < 0.72 | 0.72 | 2.3  | ug/L   |   | 5/23/02 | SW846 8260B |
| 1,2,4-Trimethylbenzene    | < 0.51 | 0.51 | 1.6  | ug/L   |   | 5/23/02 | SW846 8260B |
| Trichloroethene           | < 0.89 | 0.89 | 2.8  | ug/L   |   | 5/23/02 | SW846 8260B |
| 1,2,3-Trichloropropane    | < 0.78 | 0.78 | 2.5  | ug/L   |   | 5/23/02 | SW846 8260B |
| 1,3,5-Trimethylbenzene    | < 0.52 | 0.52 | 1.7  | ug/L   |   | 5/23/02 | SW846 8260B |
| Vinyl chloride            | < 0.18 | 0.18 | 0.57 | ug/L   |   | 5/23/02 | SW846 8260B |
| Xylenes, -m, -p           | < 1.4  | 1.4  | 4.5  | ug/L   |   | 5/23/02 | SW846 8260B |
| Xylene, -o                | < 0.54 | 0.54 | 1.7  | ug/L   |   | 5/23/02 | SW846 8260B |
| 4-Bromofluorobenzene      | 114    |      |      | %Recov |   | 5/23/02 | SW846 8260B |
| Dibromofluoromethane      | 130    |      |      | %Recov |   | 5/23/02 | SW846 8260B |
| Toluene-d8                | 130    |      |      | %Recov |   | 5/23/02 | SW846 8260B |



**- Analytical Report -**

Project Name : D &amp; G WAREHOUSE

Project Number : 12-21023

Field ID : TRIP BLANK

Lab Sample Number : 822654-006

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 5/28/02

Collection Date : 5/20/02

Matrix Type : WATER

**Organic Results**

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 5/22/02

Analyst: JJB

| Analyte                     | Result | LOD  | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|-----|-----|-------|------|---------------|-----------------|
| Benzene                     | < 0.48 | 0.48 | 1.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromobenzene                | < 0.44 | 0.44 | 1.4 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromochloromethane          | < 0.61 | 0.61 | 1.9 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromodichloromethane        | < 0.61 | 0.61 | 1.9 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromoform                   | < 0.70 | 0.70 | 2.2 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Bromomethane                | < 0.71 | 0.71 | 2.3 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| s-Butylbenzene              | < 0.49 | 0.49 | 1.6 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| t-Butylbenzene              | < 0.50 | 0.50 | 1.6 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| n-Butylbenzene              | < 0.61 | 0.61 | 1.9 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Carbon tetrachloride        | < 0.73 | 0.73 | 2.3 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chloroform                  | < 0.75 | 0.75 | 2.4 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chlorobenzene               | < 0.55 | 0.55 | 1.8 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chlorodibromomethane        | < 0.43 | 0.43 | 1.4 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chloroethane                | < 0.57 | 0.57 | 1.8 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Chloromethane               | < 0.62 | 0.62 | 2.0 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 2-Chlorotoluene             | < 0.48 | 0.48 | 1.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 4-Chlorotoluene             | < 0.72 | 0.72 | 2.3 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dibromo-3-chloropropane | < 1.0  | 1.0  | 3.2 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dibromoethane           | < 0.91 | 0.91 | 2.9 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Dibromomethane              | < 0.67 | 0.67 | 2.1 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,3-Dichlorobenzene         | < 0.54 | 0.54 | 1.7 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,4-Dichlorobenzene         | < 0.39 | 0.39 | 1.2 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dichloroethane          | < 0.47 | 0.47 | 1.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dichlorobenzene         | < 0.67 | 0.67 | 2.1 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,1-Dichloroethene          | < 0.85 | 0.85 | 2.7 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| cis-1,2-Dichloroethene      | < 0.73 | 0.73 | 2.3 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| Dichlorodifluoromethane     | < 0.68 | 0.68 | 2.2 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| trans-1,2-Dichloroethene    | < 0.79 | 0.79 | 2.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,2-Dichloropropane         | < 0.53 | 0.53 | 1.7 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,1-Dichloroethane          | < 0.48 | 0.48 | 1.5 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 1,3-Dichloropropane         | < 0.53 | 0.53 | 1.7 |     | ug/L  |      | 5/23/02       | SW846 8260B     |
| 2,2-Dichloropropane         | < 0.95 | 0.95 | 3.0 |     | ug/L  |      | 5/23/02       | SW846 8260B     |

## - Analytical Report -

Project Name : D &amp; G WAREHOUSE

Project Number : 12-21023

Field ID : TRIP BLANK

Lab Sample Number : 822654-006

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 5/28/02

Collection Date : 5/20/02

Matrix Type : WATER

|                           |        |      |      |        |         |             |
|---------------------------|--------|------|------|--------|---------|-------------|
| 1,1-Dichloropropene       | < 0.85 | 0.85 | 2.7  | ug/L   | 5/23/02 | SW846 8260B |
| cis-1,3-Dichloropropene   | < 0.56 | 0.56 | 1.8  | ug/L   | 5/23/02 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.51 | 0.51 | 1.6  | ug/L   | 5/23/02 | SW846 8260B |
| Diisopropyl ether         | < 0.60 | 0.60 | 1.9  | ug/L   | 5/23/02 | SW846 8260B |
| Ethylbenzene              | < 0.43 | 0.43 | 1.4  | ug/L   | 5/23/02 | SW846 8260B |
| Fluorotrichloromethane    | < 0.52 | 0.52 | 1.7  | ug/L   | 5/23/02 | SW846 8260B |
| Hexachlorobutadiene       | < 0.84 | 0.84 | 2.7  | ug/L   | 5/23/02 | SW846 8260B |
| Isopropylbenzene          | < 0.43 | 0.43 | 1.4  | ug/L   | 5/23/02 | SW846 8260B |
| p-Isopropyltoluene        | < 0.57 | 0.57 | 1.8  | ug/L   | 5/23/02 | SW846 8260B |
| Methylene chloride        | < 0.85 | 0.85 | 2.7  | ug/L   | 5/23/02 | SW846 8260B |
| Methyl-tert-butyl-ether   | < 0.67 | 0.67 | 2.1  | ug/L   | 5/23/02 | SW846 8260B |
| Naphthalene               | < 0.59 | 0.59 | 1.9  | ug/L   | 5/23/02 | SW846 8260B |
| n-Propylbenzene           | < 0.64 | 0.64 | 2.0  | ug/L   | 5/23/02 | SW846 8260B |
| Styrene                   | < 0.43 | 0.43 | 1.4  | ug/L   | 5/23/02 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.91 | 0.91 | 2.9  | ug/L   | 5/23/02 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.75 | 0.75 | 2.4  | ug/L   | 5/23/02 | SW846 8260B |
| Tetrachloroethene         | < 0.57 | 0.57 | 1.8  | ug/L   | 5/23/02 | SW846 8260B |
| Toluene                   | < 0.47 | 0.47 | 1.5  | ug/L   | 5/23/02 | SW846 8260B |
| 1,2,3-Trichlorobenzene    | < 0.57 | 0.57 | 1.8  | ug/L   | 5/23/02 | SW846 8260B |
| 1,2,4-Trichlorobenzene    | < 0.60 | 0.60 | 1.9  | ug/L   | 5/23/02 | SW846 8260B |
| 1,1,1-Trichloroethane     | < 0.69 | 0.69 | 2.2  | ug/L   | 5/23/02 | SW846 8260B |
| 1,1,2-Trichloroethane     | < 0.72 | 0.72 | 2.3  | ug/L   | 5/23/02 | SW846 8260B |
| 1,2,4-Trimethylbenzene    | < 0.51 | 0.51 | 1.6  | ug/L   | 5/23/02 | SW846 8260B |
| Trichloroethene           | < 0.89 | 0.89 | 2.8  | ug/L   | 5/23/02 | SW846 8260B |
| 1,2,3-Trichloropropane    | < 0.78 | 0.78 | 2.5  | ug/L   | 5/23/02 | SW846 8260B |
| 1,3,5-Trimethylbenzene    | < 0.52 | 0.52 | 1.7  | ug/L   | 5/23/02 | SW846 8260B |
| Vinyl chloride            | < 0.18 | 0.18 | 0.57 | ug/L   | 5/23/02 | SW846 8260B |
| Xylenes, -m, -p           | < 1.4  | 1.4  | 4.5  | ug/L   | 5/23/02 | SW846 8260B |
| Xylene, -o                | < 0.54 | 0.54 | 1.7  | ug/L   | 5/23/02 | SW846 8260B |
| 4-Bromofluorobenzene      | 115    |      |      | %Recov | 5/23/02 | SW846 8260B |
| Dibromofluoromethane      | 128    |      |      | %Recov | 5/23/02 | SW846 8260B |
| Toluene-d8                | 130    |      |      | %Recov | 5/23/02 | SW846 8260B |



**midwest engineering services, inc.**

geotechnical • environmental • materials engineers

**COPY**

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Ripon, WI 54971-1314  
920-745-2200  
FAX 920-745-2222  
www.midwesteng.com

December 9, 2002

Mr. James Cronmiller  
F&M Bank  
205 East 4<sup>th</sup> Street Plaza  
Kaukauna, WI 54130

**RE: STATUS UPDATE**  
D&G Mobil  
125 North Highway 141  
Coleman, WI  
MES Project #12-21035  
WDNR #03-38-204911

Dear Mr. Cronmiller:

The purpose of this correspondence is to provide you with a summary of the Phase II environmental site assessment (ESA) activities recently conducted at the referenced site. The site is located at 125 North Highway 141, Coleman, Wisconsin. A site location map is provided in Figure 1. Authorization to complete this Phase II ESA was in the form of a signed MES Proposal No. 12-2089 between F&M Bank and MES dated July 26, 2002.

### **BACKGROUND INFORMATION**

The D&G Mobil facility is located within the Southeast  $\frac{1}{4}$  of the Southwest  $\frac{1}{4}$ , Section 14, Township 30 North, Range 20 East, in Marinette County, Wisconsin (WI). Specifically, the site is located at 125 N. Highway 141, Coleman, WI 54112. The site location and area topography are shown on Figure 1. The site was formerly used as a retail gasoline fuel dispensing station.

Fischer Environmental, Inc. (FISCHER), (and now MES), personnel supervised the removal of three underground storage tanks at the D&G Mobil site on October 20, 1999, at the request of Mr. George Hannan, the current property owner. Two 4,000 gallon tanks, and one 10,000 gallon tank, all of which contained unleaded gasoline were removed from the site. FISCHER submitted an Underground Storage Tank Removal report to the Wisconsin Department of Natural Resources (WDNR) on March 6, 2000. Figure 2 shows the locations and descriptions of the three former USTs, and the location of the former dispenser station.

The current property owner is unable to comply with state regulations regarding the assessment and possible remediation of the site, and F&M Bank is currently considering foreclosing on the property. If F&M Bank forecloses on the property, the responsibility to restore the site may transfer to the Bank. To assist F&M Bank with determining the potential cost associated with restoring the property, F&M Bank contracted MES to complete a Phase II ESA at the site.

## **SITE ASSESSMENT SCOPE**

Two soil borings were drilled at the site on October 8, 2002. The location of each boring is shown on Figure 2. Midwest Engineering Services, Inc. (MES) personnel observed the drilling event and screened soil samples for volatile organic vapors using a photoionization detector (PID). Soil boring log forms are provided in Attachment A. One soil sample from each boring was submitted for laboratory analysis of Petroleum Volatile Organic Compounds (PVOC), Gasoline Range Organics (GRO), Diesel Range Organics (DRO), 1,2 Dichloroethane (1,2 DCA), and naphthalene.

Soil borings B-1 and B-2 were converted to monitoring well MW-1 and temporary well TW-1, respectively. The location of each monitoring well and temporary well is shown on Figure 2. Groundwater samples were collected from monitoring well MW-1 and temporary well TW-1 on October 8, 2002 for laboratory analysis of volatile organic compounds (VOC). Temporary well TW-1 was abandoned after the groundwater samples were collected. The abandonment form is provided in Attachment A.

## **SITE ASSESSMENT RESULTS**

Stratigraphy at the site in the boring locations generally consists of 8-10 feet of sand fill underlain by brown sand with varying amounts of clay and gravel to the total depths of the borings at approximately 12 to 13 feet below ground surface (bgs).

The soil samples collected from borings B-1 and B-2 at 2-4 feet bgs did not contain petroleum contaminants at concentrations exceeding WDNR NR 720 Residual Contaminant levels (RCL). Laboratory analytical results from the soil samples collected at the site are summarized on Table 1, and a copy of the analytical report is provided in Attachment B.

~~Depth of groundwater at the site was estimated to be 2 to 4 feet. Groundwater samples collected from monitoring well MW-1 and temporary well TW-1 on October 8, 2002 contained benzene, 1,2,4 Trimethylbenzene, and naphthalene at concentrations exceeding the NR 140 Enforcement Standard (ES) with concentrations of 8.7 micrograms per liter ( $\mu\text{g/l}$ ), 1200  $\mu\text{g/l}$ , and 180  $\mu\text{g/l}$ , respectively. Groundwater samples collected from temporary well TW-2 contained benzene and naphthalene at concentrations exceeding the NR 140 Preventive Action~~

Limit (PAL) with concentrations of 3.2 µg/l and 12 µg/l, respectively. Groundwater analytical results for groundwater samples collected at the site are summarized on Table 2, and a copy of the groundwater analytical report is provided in Attachment B.

## CONCLUSIONS AND RECOMMENDATIONS

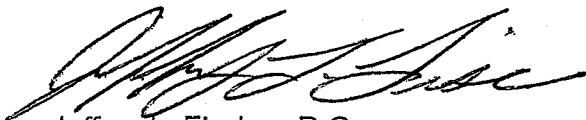
Soil contamination was not detected in the two soil borings installed at the site. However, additional borings would be required to document the source of contamination has been removed. Groundwater samples collected at the site contained petroleum compounds at concentrations exceeding the NR 140 ES. Based on the analytical results, it appears that the extent and degree of soil and groundwater contamination has not been defined. The site does not appear to meet the criteria for closure at this time, and it is likely that the WDNR would require additional investigation.

The Petroleum Environmental Clean up Fund Act (PECFA) does not reimburse the cost associated with assessment or remediation of chlorinated hydrocarbons. Therefore, groundwater samples collected at the site were analyzed for the presence of VOC. No chlorinated hydrocarbons were detected in the groundwater samples collected at the site.

MES appreciates the opportunity to assist you with this project. If you have any questions, please contact MES at (920) 745-2200.

Sincerely Yours,

**MIDWEST ENGINEERING SERVICES, INC.**



Jeffery L. Fischer, P.G.  
Branch Manager

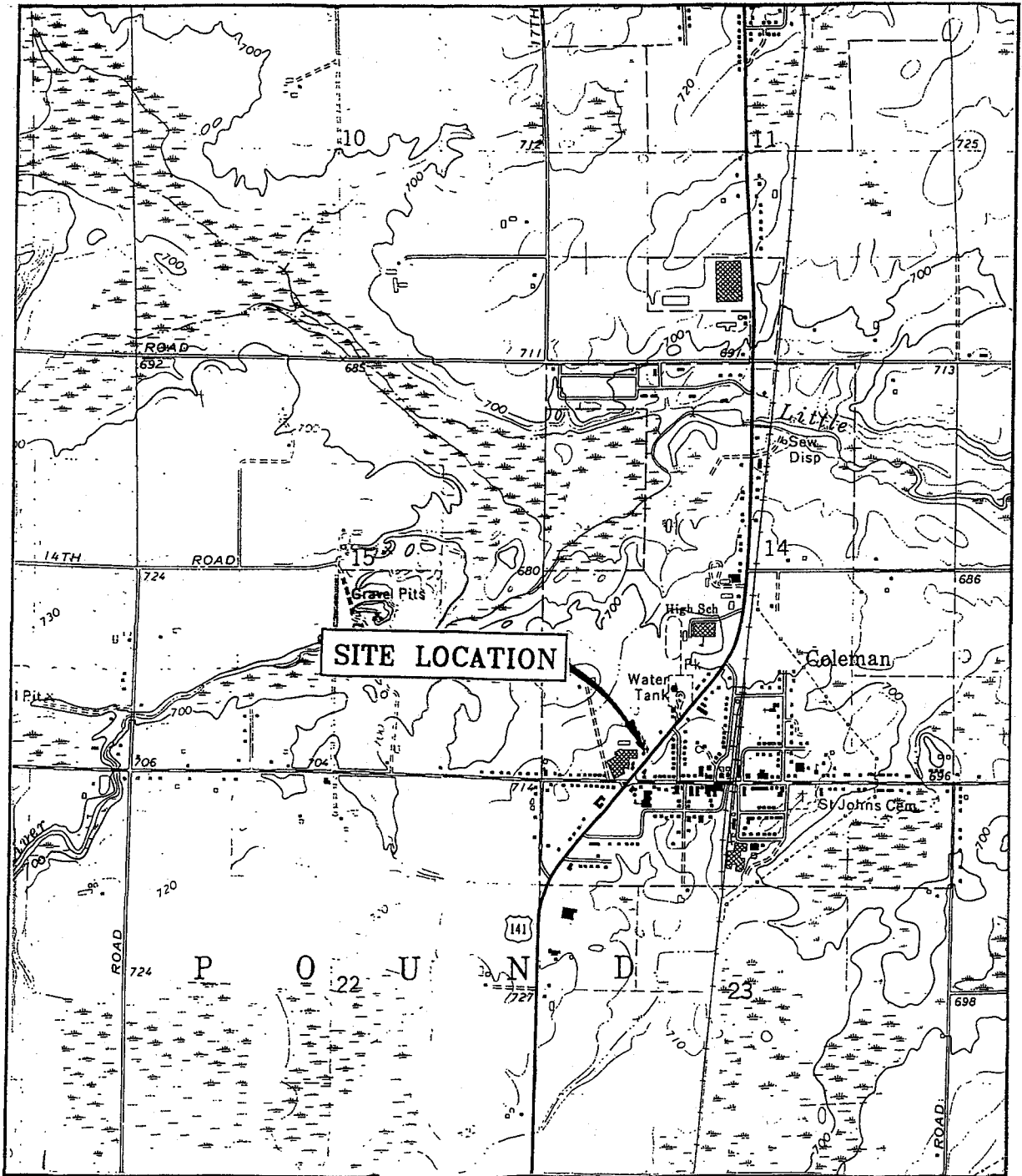
Enclosures: Figure 1 Site Location Map  
Figure 2 Site Plan of Boring, Monitoring Well, and Temporary Well  
Locations

Table 1 Soil Analytical Summary Table  
Table 2 Groundwater Analytical Summary Table

---

Attachment A: Soil Boring Information Logs, Abandonment Forms, and  
Well Construction forms  
Attachment B: Soil and Groundwater Analytical Results

## FIGURES



COLEMAN QUADRANGLE  
 U.S.G.S. 7.5 MINUTE SERIES  
 (TOPOGRAPHIC) MARINETTE COUNTY  
 WISCONSIN



SCALE: 1:24,000

FIGURE 1: SITE LOCATION MAP

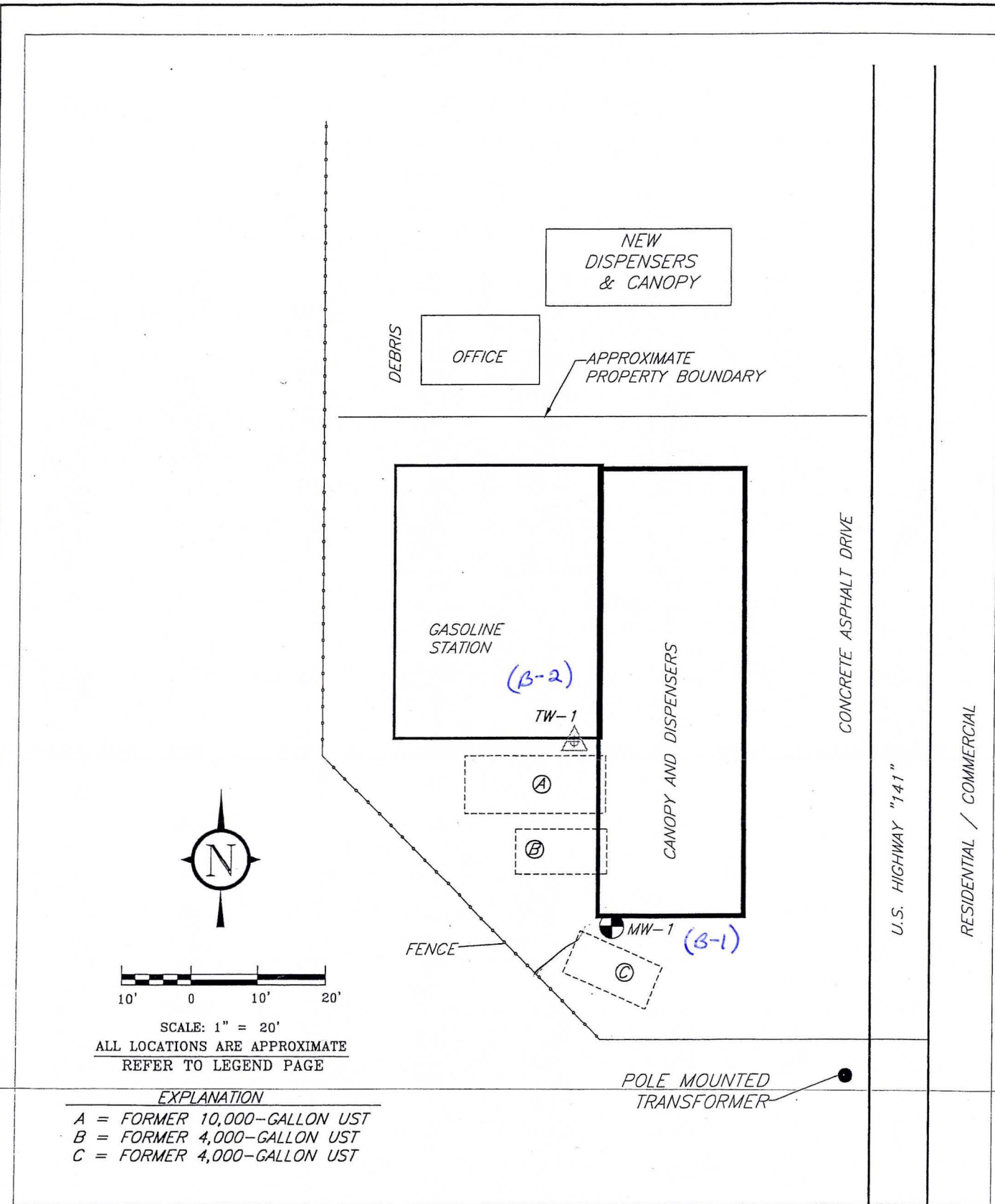
**MES**  
 MIDWEST ENGINEERING SERVICES

104 W. JACKSON ST.,  
 RIPON, WI 54971  
 TEL: (920) 745-2200  
 FAX: (920) 745-2222

12-21035  
 DATE: 10/30/12  
 ID#: FIG1

D & G MOBILE  
 COLEMAN, WISCONSIN  
 STATUS UPDATE





- EXPLANATION**
- A = FORMER 10,000-GALLON UST
  - B = FORMER 4,000-GALLON UST
  - C = FORMER 4,000-GALLON UST

**FIGURE 2: SITE PLAN**

|  |   |   |   |
|--|---|---|---|
| <b>MES</b><br>MIDWEST ENGINEERING SERVICES | <b>104 W. JACKSON ST.,<br/>RIPON, WI.</b><br>TEL: (920) 745-2200<br>FAX: (920) 745-2222 | 12-21035<br>DRAWN BY: KP      REVIEWED BY:<br>DATE: 10/08/02      APPROVED BY:<br>ID#: PLOT | <b>D &amp; G MOBIL<br/>COLEMAN, WISCONSIN<br/>STATUS UPDATE</b> |
|--|---|---|---|



**TABLE 1**  
**SUMMARY OF SOIL ANALYTICAL RESULTS**  
**D & G MOBIL**  
**MES PROJECT: #12-21035**

| Sample No.   | NR 720<br>RCL | B-1      | B-2      |
|--|---------------|----------|----------|
| Sampling Date  |               | 10/08/02 | 10/08/02 |
| Sample Depth (feet)  |               | 2-4      | 2-4      |
| <b>GASOLINE RANGE ORGANICS (GRO) (mg/kg)</b>               |               |          |          |
| GRO  | 250           | 5.2      | 4.4      |
| <b>DIESEL RANGE ORGANICS (DRO) (mg/kg)</b>                 |               |          |          |
| DRO  | 250           | 7.4      | 5.2      |
| <b>PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC) (µg/kg)</b> |               |          |          |
| Benzene  | 5.5           | < 25     | < 25     |
| 1,2 Dichloroethane   | NE            | <25      | <25      |
| Ethylbenzene   | 2900          | < 25     | < 25     |
| Methyl tert-butyl ether                                    | NE            | < 25     | < 25     |
| Naphthalene  | NE            | < 25     | < 25     |
| Toluene  | 1500          | < 25     | < 25     |
| 1,2,4-Trimethylbenzene                                     | NE            | < 25     | < 25     |
| 1,3,5-Trimethylbenzene                                     | NE            | < 25     | < 25     |
| Xylenes, -m, -p  | 4100          | < 25     | < 25     |
| Xylenes, -o  |               | < 25     | < 25     |

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

RCL = Residual Contaminant Level

NA = Parameter not analyzed

NE = NR 720 RCL not established

Q = Analyte detected above laboratory limit of detection but below limit of quantitation.

Bold entries indicate analytical results exceed NR 720 RCL

**TABLE 2**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**D & G MOBIL**  
**MES PROJECT: #12-21035**

| Monitoring Well   | NR 140 |      | MW-1     | TW-1     |
|---|--------|------|----------|----------|
|   | ES     | PAL  | 10/08/02 | 10/08/02 |
| <b>PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC) (µg/L)</b>     |        |      |          |          |
| Benzene   | 5      | 0.5  | 8.7      | 3.2      |
| Ethylbenzene  | 700    | 140  | 510      | 28       |
| Methyl tert-butyl ether                                       | 60     | 12   | < 8.7    | < 0.87   |
| Toluene   | 1000   | 200  | 13       | 21       |
| 1,3,5 -Trimethylbenzene                                       | 480    | 96   | 330      | 16       |
| 1,2,4 -Trimethylbenzene                                       |        |      | 1200     | 46       |
| Xylenes, -m, -p   | 10000  | 1000 | 1600     | 77       |
| Xylenes, -o   |        |      | 400      | 17       |
| <b>OTHER DETECTED VOLATILE ORGANIC COMPOUNDS (VOC) (µg/L)</b> |        |      |          |          |
| sec-Butylbenzene  | NE     | NE   | < 6.2    | 2.4      |
| n-Butylbenzene  | NE     | NE   | 58       | 4.3      |
| 1,2-Dichloroethane  | 5      | 0.5  | < 5.5    | < 0.55   |
| 1,1-Dichloroethane  | 850    | 85   | < 8.7    | < 0.87   |
| Diisopropyl ether   | NE     | NE   | < 6.0    | < 0.60   |
| Isopropylbenzene  | NE     | NE   | 43       | 2.9      |
| p-Isopropyltoluene  | NE     | NE   | < 5.8    | < 0.58   |
| Naphthalene   | 40     | 8    | 180      | 12       |
| n-Propylbenzene   | NE     | NE   | 170      | 8.1      |

ES = Enforcement Standard

PAL = Preventive Action Limit

µg/L = micrograms per liter

NA = Parameter not analyzed

NE = NR 140 ES not established

Q = Analyte detected above laboratory limit of detection but below limit of quantitation.

Bold entries indicate analytical results above NR 140 ES

## TABLES

**ATTACHMENT A**

**SOIL BORING INFORMATION LOGS, ABANDONMENT  
FORMS, AND WELL CONSTRUCTION FORMS**



**ATTACHMENT B**

**SOIL AND GROUNDWATER ANALYTICAL REPORTS**

(Please Print Legibly)  
 Company Name: Wall Engineering Services  
 Branch or Location: Rpoa  
 Project Contact: Jeff Fischer  
 Telephone: 920 745-2200  
 Project Number: 12-21035  
 Project Name: D+G Mobil  
 Project State: WI  
 Sampled By (Print): Ben Younger  
 Data Package Options - (please circle if requested)  
 Sample Results Only (no QC)  
 EPA Level II (Subject to Surcharge)  
 EPA Level III (Subject to Surcharge)  
 EPA Level IV (Subject to Surcharge)



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

525 Science Drive  
 Madison, WI 53711  
 608-282-3300  
 FAX: 608-233-0502

### CHAIN OF CUSTODY

Filtered? (YES/NO) \_\_\_\_\_  
 Preservation Codes:  
 A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

ANALYSES REQUESTED

|     |      |          |             |     |     |                         |
|-----|------|----------|-------------|-----|-----|-------------------------|
| VOC | PVOC | B-12 DCA | Naphthalene | GRD | DRO | TOTAL # OF BOTTLES SENT |
| N   | N    | N        | N           | N   | N   |                         |
| R   | F    | F        | F           | F   | A   |                         |

Page 1 of 1  
 P.O. # \_\_\_\_\_ Quote # \_\_\_\_\_  
 Mail Report To: Jeff Fischer  
 Company: MES  
 Address: 107 W. Jackson St  
Rpoa WI 54971  
 Invoice To: \_\_\_\_\_  
 Company: D+G Mobil  
 Address: 610 MES  
 Mail Invoice To: Jeff Fischer

Regulatory Program: UST RCRA SDWA NPDES CERCLA  
 Matrix Codes: W=Water S=Soil A=Air C=Charcoal B=Biota Sl=Sludge

| LABORATORY ID (PDU ONLY) | FIELD ID    | COLLECTION |      | MATRIX | ANALYSES REQUESTED |      |          |             |     |     | TOTAL # OF BOTTLES SENT | CLIENT COMMENTS | LAB COMMENTS (PDU ONLY) |
|--------------------------|-------------|------------|------|--------|--------------------|------|----------|-------------|-----|-----|-------------------------|-----------------|-------------------------|
|                          |             | DATE       | TIME |        | VOC                | PVOC | B-12 DCA | Naphthalene | GRD | DRO |                         |                 |                         |
| 001                      | B-1 2-4     | 10/18/02   | Am   | S      | X                  | X    | X        | X           | X   |     | 3                       |                 |                         |
| 002                      | B-2 2-4     |            |      | S      | X                  | X    | X        | X           | X   |     | 3                       |                 |                         |
| 003                      | MW-1        |            |      | W      | X                  |      |          |             |     |     | 3                       |                 |                         |
| 004                      | TW-1        |            |      | W      | X                  |      |          |             |     |     | 3                       |                 |                         |
| 005                      | Field Blank |            |      | -      | X                  |      |          |             |     |     | 1                       |                 |                         |
| 006                      | Trip Blank  |            |      | -      | X                  |      |          |             |     |     | 1                       |                 |                         |

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: <u>Ben Younger</u>    | Date/Time: <u>10/11/02 13:57</u> | Received By: <u>Clay Racquette</u> | Date/Time: <u>10/11/02 13:57</u> |
| Relinquished By: <u>Clay Racquette</u> | Date/Time: <u>10/11/02 15:26</u> | Received By: <u>Annette Janke</u>  | Date/Time: <u>10/11/02 15:26</u> |
| Relinquished By: _____                 | Date/Time: _____                 | Received By: _____                 | Date/Time: _____                 |
| Relinquished By: _____                 | Date/Time: _____                 | Received By: _____                 | Date/Time: _____                 |

EN-CHEM/CRATING  
8211030  
 SAMPLE RECEIPT  
ROE  
 SAMPLE RECEIPT  
 (W/INITIALS)  
 DATE/TIME/INITIALS  
 DATE/TIME/INITIALS  
 DATE/TIME/INITIALS



Corporate Office & Laboratory  
1241 Bellevue Street, Suite 9 • Green Bay, WI 54302  
920-469-2436 • Fax: 920-469-8827 • 800-7-ENCHEM  
[www.enchem.com](http://www.enchem.com)

- Analytical Report -

Project Name : D + G MOBIL

Project Number : 12-21035

Client: MIDWEST ENGINEERING SERVICES

WI DNR LAB ID : 405132750

| Sample No. | Field ID    | Collection Date | Sample No. | Field ID | Collection Date |
|------------|-------------|-----------------|------------|----------|-----------------|
| 827030-001 | B-1 2-4'    | 10/8/02         |            |          |                 |
| 827030-002 | B-2 2-4'    | 10/8/02         |            |          |                 |
| 827030-003 | MW-1        | 10/8/02         |            |          |                 |
| 827030-004 | TW-1        | 10/8/02         |            |          |                 |
| 827030-005 | FIELD BLANK | 10/8/02         |            |          |                 |
| 827030-006 | TRIP BLANK  | 10/8/02         |            |          |                 |

Please visit our Internet homepage at: [www.enchem.com](http://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

10/21/02



## En Chem, Inc. Cooler Receipt Log

Batch No. 827030

Project Name or ID 12-21035

No. of Coolers: 1 Temps: ROT

A. Receipt Phase: Date cooler was opened: 10-11-02 By: AY

- 1: Were samples received on ice? (Must be  $\leq 6$  C).....  YES  NO<sup>2</sup>
- 2: Was there a Temperature Blank?..... YES  NO
- 3: Were custody seals present and intact? (Record on COC)..... YES  NO
- 4: Are COC documents present?.....  YES  NO<sup>2</sup>
- 5: Does this Project require quick turn around analysis?..... YES  NO
- 6: Is there any sub-work?..... YES  NO
- 7: Are there any short hold time tests?..... YES  NO
- 8: Are any samples nearing expiration of hold-time? (Within 2 days)..... YES<sup>1</sup>  NO Contacted by/Who \_\_\_\_\_
- 9: Do any samples need to be Filtered or Preserved in the lab?..... YES<sup>1</sup>  NO Contacted by/Who \_\_\_\_\_

B. Check-In Phase: Date samples were Checked-In: 10-11-02 By: AY

- 1: Were all sample containers listed on the COC received and intact?.....  YES  NO<sup>2</sup>  NA
- 2: Sign the COC as received by En Chem. Completed.....  YES  NO
- 3: Do sample labels match the COC? .....  YES  NO<sup>2</sup>
- 4: Check sample pH of preserved samples. (Not VOCs) Completed..... YES  NO  NA
- 5: Do samples have correct chemical preservation?.....  YES  NO<sup>2</sup>  NA
- 6: Are dissolved parameters field filtered?..... YES  NO<sup>2</sup>  NA
- 7: Are sample volumes adequate for tests requested? .....  YES  NO<sup>2</sup>
- 8: Are VOC samples free of bubbles >6mm .....  YES  NO<sup>2</sup>  NA
- 9: Enter samples into logbook. Completed.....  YES  NO
- 10: Place laboratory sample number on all containers and COC. Completed.....  YES  NO
- 11: Complete Laboratory Tracking Sheet (LTS). Completed..... YES  NO  NA
- 12: Start Nonconformance form. .... YES  NO  NA
- 13: Initiate Subcontracting procedure. Completed..... YES  NO  NA
- 14: Check laboratory sample number on all containers and COC. .... VR  YES  NO  NA

**Short Hold-time tests:**

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

Rev. 9/5/2001, Attachment to 1-REC-5.  
Subject to QA Audit.

Reviewed by/date W10/15/02

# En Chem Inc.

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436  
800-7-ENCHEM  
Fax: 920-469-8827

---

| Lab#:                  | TestGroupID: | Comment:   |
|------------------------|--------------|--|
| 827030-001<br>B-1 2-4' | GRO-S-ME     | Approximately 4.3 mg/Kg of GRO value is due to the addition of 8260 surrogate standards. |
|                        | DRO-S        | Hump was present late in chromatogram.   |
| 827030-002<br>B-2 2-4' | GRO-S-ME     | Approximately 4.3 mg/Kg of GRO value is due to the addition of 8260 surrogate standards. |
|                        | DRO-S        | Hump was present late in chromatogram.   |

Organic Data Qualifiers

- B Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
- C Elevated detection limit.
- D Analyte value from diluted analysis, or surrogate result not applicable due to sample dilution.
- E Analyte concentration exceeds calibration range.
- F Surrogate results outside control criteria.
- H Extraction or analysis performed past holding time.
- J Qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.
- K Detection limit may be elevated due to the presence of an unrequested analyte.
- N Spiked sample recovery not within control limits.
- P The relative percent difference between the two columns for detected concentrations was greater than 40%.
- Q The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
- S The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
- U The analyte was not detected above the reporting limit.
- W Sample received with headspace.
- X See Sample Narrative.
- & Laboratory Control Spike recovery not within control limits.
- \* Duplicate analyses not within control limits.
- SUB1 Assay was subcontracted to an approved lab.
- SUB2 Assay was subcontracted to En Chem Green Bay WI Cert. #405132750.

- Analytical Report -

Project Name : D + G MOBIL  
Project Number : 12-21035  
Field ID : B-1 2-4'  
Lab Sample Number : 827030-001  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 10/18/02  
Collection Date : 10/8/02  
Matrix Type : SOIL

Inorganic Results

| Test            | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Prep Method | Analysis Method | Analyst |
|-----------------|--------|-----|-----|-----|-------|------|---------------|-------------|-----------------|---------|
| Solids, percent | 93.0   |     |     |     | %     |      | 10/11/02      | SM 2540G M  | SM 2540G M      | JL      |

Organic Results

Preservation Date : 10/14/02

DIESEL RANGE ORGANICS - SOIL

Prep Method: WI MOD DRO Prep Date: 10/14/02 Analyst: KEG

| Analyte               | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-----------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| DIESEL RANGE ORGANICS | 7.4    |     |     | 3.9 | mg/kg  |      | 10/15/02      | WI MOD DRO      |
| Blank spike           | 90     |     |     | 50  | %Recov |      | 10/15/02      | WI MOD DRO      |
| Blank spike duplicate | 80     |     |     | 50  | %Recov |      | 10/15/02      | WI MOD DRO      |
| Blank                 | < 5.0  |     |     | 5.0 | mg/kg  |      | 10/15/02      | WI MOD DRO      |

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL

Prep Method: WI MOD GRO Prep Date: 10/15/02 Analyst: SMT

| Analyte                 | Result | LOD | LOQ | EQL  | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|------|--------|------|---------------|-----------------|
| Gasoline Range Organics | 5.2    |     |     | 2.7  | mg/kg  |      | 10/16/02      | WI MOD GRO      |
| Blank Spike             | 99     |     |     | 1.0  | %Recov |      | 10/16/02      | WI MOD GRO      |
| Blank Spike Duplicate   | 106    |     |     | 1.00 | %Recov |      | 10/16/02      | WI MOD GRO      |
| Blank                   | < 2.5  |     |     | 2.5  | mg/kg  |      | 10/16/02      | WI MOD GRO      |

Organic Results

PVOC + NAPHTHALENE - SOIL/METHANOL

Prep Method: SW846 5030B Prep Date: 10/15/02 Analyst: TLT

| Analyte                 | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| Toluene-d8              | 112    |     |     |     | %Recov |      | 10/15/02      | SW846 8260B     |
| Dibromofluoromethane    | 112    |     |     |     | %Recov |      | 10/15/02      | SW846 8260B     |
| 4-Bromofluorobenzene    | 109    |     |     |     | %Recov |      | 10/15/02      | SW846 8260B     |
| Benzene                 | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| Ethylbenzene            | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| Methyl-tert-butyl-ether | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| Toluene                 | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| 1,2-Dichloroethane      | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| Naphthalene             | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : D + G MOBIL

Project Number : 12-21035

Field ID : B-1 2-4'

Lab Sample Number : 827030-001

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 10/18/02

Collection Date : 10/8/02

Matrix Type : SOIL

---

|                        |      |    |    |       |          |             |
|------------------------|------|----|----|-------|----------|-------------|
| 1,2,4-Trimethylbenzene | < 25 | 25 | 60 | ug/kg | 10/15/02 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 25 | 25 | 60 | ug/kg | 10/15/02 | SW846 8260B |
| Xylenes, -m, -p        | < 25 | 25 | 60 | ug/kg | 10/15/02 | SW846 8260B |
| Xylene, -o             | < 25 | 25 | 60 | ug/kg | 10/15/02 | SW846 8260B |

- Analytical Report -

Project Name : D + G MOBIL  
Project Number : 12-21035  
Field ID : B-2 2-4'  
Lab Sample Number : 827030-002  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 10/18/02  
Collection Date : 10/8/02  
Matrix Type : SOIL

Inorganic Results

| Test            | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Prep Method | Analysis Method | Analyst |
|-----------------|--------|-----|-----|-----|-------|------|---------------|-------------|-----------------|---------|
| Solids, percent | 93.9   |     |     |     | %     |      | 10/11/02      | SM 2540G M  | SM 2540G M      | JI      |

Organic Results

Preservation Date : 10/14/02

DIESEL RANGE ORGANICS - SOIL

Prep Method: WI MOD DRO Prep Date: 10/14/02 Analyst: KEG

| Analyte               | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-----------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| DIESEL RANGE ORGANICS | 5.2    |     |     | 3.9 | mg/kg  |      | 10/15/02      | WI MOD DRO      |
| Blank spike           | 90     |     |     | 50  | %Recov |      | 10/15/02      | WI MOD DRO      |
| Blank spike duplicate | 80     |     |     | 50  | %Recov |      | 10/15/02      | WI MOD DRO      |
| Blank                 | < 5.0  |     |     | 5.0 | mg/kg  |      | 10/15/02      | WI MOD DRO      |

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL

Prep Method: WI MOD GRO Prep Date: 10/15/02 Analyst: SMT

| Analyte                 | Result | LOD | LOQ | EQL  | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|------|--------|------|---------------|-----------------|
| Gasoline Range Organics | 4.4    |     |     | 2.7  | mg/kg  |      | 10/16/02      | WI MOD GRO      |
| Blank Spike             | 99     |     |     | 1.0  | %Recov |      | 10/16/02      | WI MOD GRO      |
| Blank Spike Duplicate   | 106    |     |     | 1.00 | %Recov |      | 10/16/02      | WI MOD GRO      |
| Blank                   | < 2.5  |     |     | 2.5  | mg/kg  |      | 10/16/02      | WI MOD GRO      |

Organic Results

PVOC + NAPHTHALENE - SOIL/METHANOL

Prep Method: SW846 5030B Prep Date: 10/15/02 Analyst: TLT

| Analyte                 | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| Toluene-d8              | 114    |     |     |     | %Recov |      | 10/15/02      | SW846 8260B     |
| Dibromofluoromethane    | 117    |     |     |     | %Recov |      | 10/15/02      | SW846 8260B     |
| 4-Bromofluorobenzene    | 108    |     |     |     | %Recov |      | 10/15/02      | SW846 8260B     |
| Benzene                 | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| Ethylbenzene            | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| Methyl-tert-butyl-ether | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| Toluene                 | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| 1,2-Dichloroethane      | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |
| Naphthalene             | < 25   | 25  | 60  |     | ug/kg  |      | 10/15/02      | SW846 8260B     |

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : D + G MOBIL

Project Number : 12-21035

Field ID : B-2 2-4'

Lab Sample Number : 827030-002

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 10/18/02

Collection Date : 10/8/02

Matrix Type : SOIL

|                        |      |    |    |       |          |             |
|------------------------|------|----|----|-------|----------|-------------|
| 1,2,4-Trimethylbenzene | < 25 | 25 | 60 | ug/kg | 10/15/02 | SW846 8260B |
| 1,3,5-Trimethylbenzene | < 25 | 25 | 60 | ug/kg | 10/15/02 | SW846 8260B |
| Xylenes, -m, -p        | < 25 | 25 | 60 | ug/kg | 10/15/02 | SW846 8260B |
| Xylene, -o             | < 25 | 25 | 60 | ug/kg | 10/15/02 | SW846 8260B |

(Please Print Legibly)  
 Company Name: Env. Engineering Services  
 Branch or Location: Ripon  
 Project Contact: Jeff Fischer  
 Telephone: 920 745-2200  
 Project Number: 12-21035  
 Project Name: D+G Mobil  
 Project State: WI  
 Sampled By (Print): Ben Younger



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

VJR

### CHAIN OF CUSTODY

66940  
 \*Preservation Codes  
 A=None B=HCL C=H2SO4 D=HN03 E=EnCore F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other  
 FILTERED? (YES/NO)  
 PRESERVATION (CODE)\*

|                         |   |   |   |   |   |   |   |
|-------------------------|---|---|---|---|---|---|---|
| ANALYSES REQUESTED      | N | N | N | N | N | N | N |
|                         | B | E | E | E | E | A |   |
| VOC                     |   |   |   |   |   |   |   |
| PVOC                    |   |   |   |   |   |   |   |
| 12 DCU                  |   |   |   |   |   |   |   |
| Naphthalene             |   |   |   |   |   |   |   |
| GRD                     |   |   |   |   |   |   |   |
| DRD                     |   |   |   |   |   |   |   |
| TOTAL # OF BOTTLES SENT |   |   |   |   |   |   |   |

Page 1 of 1  
 P.O. # \_\_\_\_\_ Quote # \_\_\_\_\_  
 Mail Report To: Jeff Fischer  
 Company: MES  
 Address: 104 W. Jackson St  
Ripon WI 54971  
 Invoice To: \_\_\_\_\_  
 Company: D+G Mobil  
 Address: 10 MES  
 Mail Invoice To: Jeff Fischer

Data Package Options - (please circle if requested)  
 Sample Results Only (no QC)  
 EPA Level II (Subject to Surcharge)  
 EPA Level III (Subject to Surcharge)  
 EPA 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<br>(Lab Use Only) | FIELD ID    | COLLECTION |      | MATRIX | ANALYSES REQUESTED |      |        |             |     |     |   | TOTAL # OF BOTTLES SENT | CLIENT COMMENTS | LAB COMMENTS<br>(Lab Use Only) |
|---------------------------------|-------------|------------|------|--------|--------------------|------|--------|-------------|-----|-----|---|-------------------------|-----------------|--------------------------------|
|                                 |             | DATE       | TIME |        | VOC                | PVOC | 12 DCU | Naphthalene | GRD | DRD |   |                         |                 |                                |
| 001                             | B-1 2-4'    | 10/18/02   | Am   | S      | X                  | X    | X      | X           | X   | X   | 3 |                         |                 |                                |
| 002                             | B-2 2-4'    |            |      | S      | X                  | X    | X      | X           | X   |     | 3 |                         |                 |                                |
| 003                             | MW-1        |            |      | W      | X                  |      |        |             |     |     | 3 |                         |                 |                                |
| 004                             | TW-1        |            |      | W      | X                  |      |        |             |     |     | 3 |                         |                 |                                |
| 005                             | Field Blank |            |      | -      | X                  |      |        |             |     |     | 1 |                         |                 |                                |
| 006                             | Trip Blank  |            |      | -      | X                  |      |        |             |     |     | 1 |                         |                 |                                |

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: <u>Ben Younger</u><br>Date/Time: <u>10/18/02 13:51</u>      | Received By: <u>Cheryl Pacquette</u><br>Date/Time: <u>10/18/02 13:51</u> |
| Relinquished By: <u>Cheryl Pacquette</u><br>Date/Time: <u>10/18/02 15:26</u> | Received By: <u>Annette Janke</u><br>Date/Time: <u>10/11/02 15:26</u>    |
| Relinquished By: _____<br>Date/Time: _____                                   | Received By: _____<br>Date/Time: _____                                   |
| Relinquished By: _____<br>Date/Time: _____                                   | Received By: _____<br>Date/Time: _____                                   |

En-Chem Project No: 827030  
 Sample Rec'd Temp: \_\_\_\_\_  
 Sample Rec'd Date: 10/18/02  
 Sample Rec'd Time: \_\_\_\_\_  
 Sample Rec'd Lab: \_\_\_\_\_  
 Sample Rec'd By: \_\_\_\_\_  
 Sample Rec'd For: \_\_\_\_\_  
 Sample Rec'd In: \_\_\_\_\_  
 Sample Rec'd On: \_\_\_\_\_



**- Analytical Report -**

Project Name : D + G MOBIL

Project Number : 12-21035

Field ID : MW-1

Lab Sample Number : 827030-003

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 10/18/02

Collection Date : 10/8/02

Matrix Type : WATER

**Organic Results****EPA 8260 VOLATILE LIST- WATER**

Prep Method: SW846 5030B

Prep Date: 10/15/02

Analyst: HW

| Analyte                     | Result | LOD | LOQ | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|-----|-----|-----|-------|------|---------------|-----------------|
| Benzene                     | 8.7    | 2.5 | 8.0 |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromobenzene                | < 7.4  | 7.4 | 24  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromochloromethane          | < 6.7  | 6.7 | 21  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromodichloromethane        | < 2.3  | 2.3 | 7.3 |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromoform                   | < 4.5  | 4.5 | 14  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromomethane                | < 8.7  | 8.7 | 28  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| s-Butylbenzene              | < 6.2  | 6.2 | 20  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| t-Butylbenzene              | < 9.6  | 9.6 | 31  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| n-Butylbenzene              | 58     | 6.5 | 21  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Carbon tetrachloride        | < 4.7  | 4.7 | 15  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chloroform                  | < 4.5  | 4.5 | 14  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chlorobenzene               | < 5.8  | 5.8 | 18  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chlorodibromomethane        | < 8.4  | 8.4 | 27  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chloroethane                | < 8.4  | 8.4 | 27  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chloromethane               | < 2.7  | 2.7 | 8.6 |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 2-Chlorotoluene             | < 6.6  | 6.6 | 21  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 4-Chlorotoluene             | < 8.9  | 8.9 | 28  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dibromo-3-chloropropane | < 8.8  | 8.8 | 28  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dibromoethane           | < 6.6  | 6.6 | 21  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Dibromomethane              | < 7.4  | 7.4 | 24  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,3-Dichlorobenzene         | < 5.8  | 5.8 | 18  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,4-Dichlorobenzene         | < 6.3  | 6.3 | 20  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dichloroethane          | < 5.5  | 5.5 | 18  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dichlorobenzene         | < 7.1  | 7.1 | 23  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,1-Dichloroethene          | < 5.6  | 5.6 | 18  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| cis-1,2-Dichloroethene      | < 8.1  | 8.1 | 26  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Dichlorodifluoromethane     | < 5.7  | 5.7 | 18  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| trans-1,2-Dichloroethene    | < 8.0  | 8.0 | 25  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dichloropropane         | < 3.9  | 3.9 | 12  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,1-Dichloroethane          | < 8.7  | 8.7 | 28  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,3-Dichloropropane         | < 6.2  | 6.2 | 20  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 2,2-Dichloropropane         | < 9.9  | 9.9 | 32  |     | ug/L  |      | 10/16/02      | SW846 8260B     |

## - Analytical Report -

Project Name : D + G MOBIL  
Project Number : 12-21035  
Field ID : MW-1  
Lab Sample Number : 827030-003  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 10/18/02  
Collection Date : 10/8/02  
Matrix Type : WATER

|                           |       |     |     |        |   |          |             |
|---------------------------|-------|-----|-----|--------|---|----------|-------------|
| 1,1-Dichloropropene       | < 7.9 | 7.9 | 25  | ug/L   |   | 10/16/02 | SW846 8260B |
| cis-1,3-Dichloropropene   | < 5.7 | 5.7 | 18  | ug/L   |   | 10/16/02 | SW846 8260B |
| trans-1,3-Dichloropropene | < 6.4 | 6.4 | 20  | ug/L   |   | 10/16/02 | SW846 8260B |
| Diisopropyl ether         | < 6.0 | 6.0 | 19  | ug/L   |   | 10/16/02 | SW846 8260B |
| Ethylbenzene              | 510   | 5.3 | 17  | ug/L   |   | 10/16/02 | SW846 8260B |
| Fluorotrichloromethane    | < 8.5 | 8.5 | 27  | ug/L   |   | 10/16/02 | SW846 8260B |
| Hexachlorobutadiene       | < 9.5 | 9.5 | 30  | ug/L   |   | 10/16/02 | SW846 8260B |
| Isopropylbenzene          | 43    | 6.6 | 21  | ug/L   |   | 10/16/02 | SW846 8260B |
| p-Isopropyltoluene        | < 5.8 | 5.8 | 18  | ug/L   |   | 10/16/02 | SW846 8260B |
| Methylene chloride        | < 4.7 | 4.7 | 15  | ug/L   |   | 10/16/02 | SW846 8260B |
| Methyl-tert-butyl-ether   | < 8.7 | 8.7 | 28  | ug/L   |   | 10/16/02 | SW846 8260B |
| Naphthalene               | 180   | 6.3 | 20  | ug/L   |   | 10/16/02 | SW846 8260B |
| n-Propylbenzene           | 170   | 9.5 | 30  | ug/L   |   | 10/16/02 | SW846 8260B |
| Styrene                   | < 6.2 | 6.2 | 20  | ug/L   | & | 10/16/02 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 7.7 | 7.7 | 25  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 9.5 | 9.5 | 30  | ug/L   |   | 10/16/02 | SW846 8260B |
| Tetrachloroethene         | < 6.3 | 6.3 | 20  | ug/L   |   | 10/16/02 | SW846 8260B |
| Toluene                   | 13    | 8.4 | 27  | ug/L   | Q | 10/16/02 | SW846 8260B |
| 1,2,3-Trichlorobenzene    | < 7.7 | 7.7 | 25  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,4-Trichlorobenzene    | < 5.7 | 5.7 | 18  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,1,1-Trichloroethane     | < 6.5 | 6.5 | 21  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,1,2-Trichloroethane     | < 5.0 | 5.0 | 16  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,4-Trimethylbenzene    | 1200  | 6.9 | 22  | ug/L   |   | 10/16/02 | SW846 8260B |
| Trichloroethene           | < 3.9 | 3.9 | 12  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,3-Trichloropropane    | < 9.2 | 9.2 | 29  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,3,5-Trimethylbenzene    | 330   | 6.4 | 20  | ug/L   |   | 10/16/02 | SW846 8260B |
| Vinyl chloride            | < 1.1 | 1.1 | 3.5 | ug/L   |   | 10/16/02 | SW846 8260B |
| Xylenes, -m, -p           | 1600  | 11  | 35  | ug/L   |   | 10/16/02 | SW846 8260B |
| Xylene, -o                | 400   | 7.3 | 23  | ug/L   |   | 10/16/02 | SW846 8260B |
| 4-Bromofluorobenzene      | 103   |     |     | %Recov |   | 10/16/02 | SW846 8260B |
| Dibromofluoromethane      | 113   |     |     | %Recov |   | 10/16/02 | SW846 8260B |
| Toluene-d8                | 109   |     |     | %Recov |   | 10/16/02 | SW846 8260B |

## - Analytical Report -

Project Name : D + G MOBIL

Project Number : 12-21035

Field ID : TW-1

Lab Sample Number : 827030-004

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 10/18/02

Collection Date : 10/8/02

Matrix Type : WATER

## Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 10/15/02

Analyst: HW

| Analyte                     | Result | LOD  | LOQ  | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene                     | 3.2    | 0.25 | 0.80 |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromobenzene                | < 0.74 | 0.74 | 2.4  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromochloromethane          | < 0.67 | 0.67 | 2.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromodichloromethane        | < 0.23 | 0.23 | 0.73 |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromoform                   | < 0.45 | 0.45 | 1.4  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromomethane                | < 0.87 | 0.87 | 2.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| s-Butylbenzene              | 2.4    | 0.62 | 2.0  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| t-Butylbenzene              | < 0.96 | 0.96 | 3.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| n-Butylbenzene              | 4.3    | 0.65 | 2.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Carbon tetrachloride        | < 0.47 | 0.47 | 1.5  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chloroform                  | < 0.45 | 0.45 | 1.4  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chlorobenzene               | < 0.58 | 0.58 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chlorodibromomethane        | < 0.84 | 0.84 | 2.7  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chloroethane                | < 0.84 | 0.84 | 2.7  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chloromethane               | < 0.27 | 0.27 | 0.86 |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 2-Chlorotoluene             | < 0.66 | 0.66 | 2.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 4-Chlorotoluene             | < 0.89 | 0.89 | 2.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dibromo-3-chloropropane | < 0.88 | 0.88 | 2.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dibromoethane           | < 0.66 | 0.66 | 2.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Dibromomethane              | < 0.74 | 0.74 | 2.4  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,3-Dichlorobenzene         | < 0.58 | 0.58 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,4-Dichlorobenzene         | < 0.63 | 0.63 | 2.0  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dichloroethane          | < 0.55 | 0.55 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dichlorobenzene         | < 0.71 | 0.71 | 2.3  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,1-Dichloroethene          | < 0.56 | 0.56 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| cis-1,2-Dichloroethene      | < 0.81 | 0.81 | 2.6  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Dichlorodifluoromethane     | < 0.57 | 0.57 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| trans-1,2-Dichloroethene    | < 0.80 | 0.80 | 2.5  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dichloropropane         | < 0.39 | 0.39 | 1.2  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,1-Dichloroethane          | < 0.87 | 0.87 | 2.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,3-Dichloropropane         | < 0.62 | 0.62 | 2.0  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 2,2-Dichloropropane         | < 0.99 | 0.99 | 3.2  |     | ug/L  |      | 10/16/02      | SW846 8260B     |

- Analytical Report -

Project Name : D + G MOBIL

Project Number : 12-21035

Field ID : TW-1

Lab Sample Number : 827030-004

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 10/18/02

Collection Date : 10/8/02

Matrix Type : WATER

|                           |        |      |      |        |   |          |             |
|---------------------------|--------|------|------|--------|---|----------|-------------|
| 1,1-Dichloropropene       | < 0.79 | 0.79 | 2.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| cis-1,3-Dichloropropene   | < 0.57 | 0.57 | 1.8  | ug/L   |   | 10/16/02 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.64 | 0.64 | 2.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Diisopropyl ether         | < 0.60 | 0.60 | 1.9  | ug/L   |   | 10/16/02 | SW846 8260B |
| Ethylbenzene              | 28     | 0.53 | 1.7  | ug/L   |   | 10/16/02 | SW846 8260B |
| Fluorotrichloromethane    | < 0.85 | 0.85 | 2.7  | ug/L   |   | 10/16/02 | SW846 8260B |
| Hexachlorobutadiene       | < 0.95 | 0.95 | 3.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Isopropylbenzene          | 2.9    | 0.66 | 2.1  | ug/L   |   | 10/16/02 | SW846 8260B |
| p-Isopropyltoluene        | < 0.58 | 0.58 | 1.8  | ug/L   |   | 10/16/02 | SW846 8260B |
| Methylene chloride        | < 0.47 | 0.47 | 1.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| Methyl-tert-butyl-ether   | < 0.87 | 0.87 | 2.8  | ug/L   |   | 10/16/02 | SW846 8260B |
| Naphthalene               | 12     | 0.63 | 2.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| n-Propylbenzene           | 8.1    | 0.95 | 3.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Styrene                   | < 0.62 | 0.62 | 2.0  | ug/L   | & | 10/16/02 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.77 | 0.77 | 2.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.95 | 0.95 | 3.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Tetrachloroethene         | < 0.63 | 0.63 | 2.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Toluene                   | 21     | 0.84 | 2.7  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,3-Trichlorobenzene    | < 0.77 | 0.77 | 2.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,4-Trichlorobenzene    | < 0.57 | 0.57 | 1.8  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,1,1-Trichloroethane     | < 0.65 | 0.65 | 2.1  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,1,2-Trichloroethane     | < 0.50 | 0.50 | 1.6  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,4-Trimethylbenzene    | 46     | 0.69 | 2.2  | ug/L   |   | 10/16/02 | SW846 8260B |
| Trichloroethene           | < 0.39 | 0.39 | 1.2  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,3-Trichloropropane    | < 0.92 | 0.92 | 2.9  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,3,5-Trimethylbenzene    | 16     | 0.64 | 2.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Vinyl chloride            | < 0.11 | 0.11 | 0.35 | ug/L   |   | 10/16/02 | SW846 8260B |
| Xylenes, -m, -p           | 77     | 1.1  | 3.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| Xylene, -o                | 17     | 0.73 | 2.3  | ug/L   |   | 10/16/02 | SW846 8260B |
| 4-Bromofluorobenzene      | 101    |      |      | %Recov |   | 10/16/02 | SW846 8260B |
| Dibromofluoromethane      | 111    |      |      | %Recov |   | 10/16/02 | SW846 8260B |
| Toluene-d8                | 109    |      |      | %Recov |   | 10/16/02 | SW846 8260B |

**- Analytical Report -**

Project Name : D + G MOBIL  
Project Number : 12-21035  
Field ID : FIELD BLANK  
Lab Sample Number : 827030-005  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 10/18/02  
Collection Date : 10/8/02  
Matrix Type : METHANOL

**Organic Results**

PVOC - METHANOL

Prep Method: SW846 5030B

Prep Date: 10/15/02

Analyst: SMT

| Analyte                 | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| a,a,a-Trifluorotoluene  | 102    |     |     |     | %Recov |      | 10/16/02      | SW846 M8021B    |
| Benzene                 | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Ethylbenzene            | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Methyl-tert-butyl-ether | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Toluene                 | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| 1,3,5-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| 1,2,4-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Xylenes, -m, -p         | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Xylene, -o              | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |

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**- Analytical Report -**

Project Name : D + G MOBIL  
Project Number : 12-21035  
Field ID : TRIP BLANK  
Lab Sample Number : 827030-006  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 10/18/02  
Collection Date : 10/8/02  
Matrix Type : WATER

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**Organic Results**

PVOC - WATER

Prep Method: SW846 5030B

Prep Date: 10/14/02

Analyst: SMT

| Analyte                 | Result | LOD  | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|------|-----|-----|--------|------|---------------|-----------------|
| a,a,a-Trifluorotoluene  | 99     |      |     |     | %Recov |      | 10/16/02      | SW846 M8021B    |
| Benzene                 | < 0.45 | 0.45 | 1.4 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Ethylbenzene            | < 0.82 | 0.82 | 2.6 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Methyl-tert-butyl-ether | < 0.43 | 0.43 | 1.4 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Toluene                 | < 0.68 | 0.68 | 2.2 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| 1,3,5-Trimethylbenzene  | < 0.94 | 0.94 | 3.0 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| 1,2,4-Trimethylbenzene  | < 0.92 | 0.92 | 2.9 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Xylenes, -m, -p         | < 1.7  | 1.7  | 5.4 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Xylene, -o              | < 0.77 | 0.77 | 2.5 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |

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**TEMPORARY WELL ABANDONMENT FORM**

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## - Analytical Report -

Project Name : D + G MOBIL  
Project Number : 12-21035  
Field ID : TW-1  
Lab Sample Number : 827030-004  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 10/18/02  
Collection Date : 10/8/02  
Matrix Type : WATER

## Organic Results

EPA 8260 VOLATILE LIST- WATER

Prep Method: SW846 5030B

Prep Date: 10/15/02

Analyst: HW

| Analyte                     | Result | LOD  | LOQ  | EQL | Units | Code | Analysis Date | Analysis Method |
|-----------------------------|--------|------|------|-----|-------|------|---------------|-----------------|
| Benzene                     | 3.2    | 0.25 | 0.80 |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromobenzene                | < 0.74 | 0.74 | 2.4  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromochloromethane          | < 0.67 | 0.67 | 2.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromodichloromethane        | < 0.23 | 0.23 | 0.73 |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromoform                   | < 0.45 | 0.45 | 1.4  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Bromomethane                | < 0.87 | 0.87 | 2.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| s-Butylbenzene              | 2.4    | 0.62 | 2.0  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| t-Butylbenzene              | < 0.96 | 0.96 | 3.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| n-Butylbenzene              | 4.3    | 0.65 | 2.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Carbon tetrachloride        | < 0.47 | 0.47 | 1.5  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chloroform                  | < 0.45 | 0.45 | 1.4  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chlorobenzene               | < 0.58 | 0.58 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chlorodibromomethane        | < 0.84 | 0.84 | 2.7  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chloroethane                | < 0.84 | 0.84 | 2.7  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Chloromethane               | < 0.27 | 0.27 | 0.86 |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 2-Chlorotoluene             | < 0.66 | 0.66 | 2.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 4-Chlorotoluene             | < 0.89 | 0.89 | 2.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dibromo-3-chloropropane | < 0.88 | 0.88 | 2.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dibromoethane           | < 0.66 | 0.66 | 2.1  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Dibromomethane              | < 0.74 | 0.74 | 2.4  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,3-Dichlorobenzene         | < 0.58 | 0.58 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,4-Dichlorobenzene         | < 0.63 | 0.63 | 2.0  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dichloroethane          | < 0.55 | 0.55 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dichlorobenzene         | < 0.71 | 0.71 | 2.3  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,1-Dichloroethene          | < 0.56 | 0.56 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| cis-1,2-Dichloroethene      | < 0.81 | 0.81 | 2.6  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| Dichlorodifluoromethane     | < 0.57 | 0.57 | 1.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| trans-1,2-Dichloroethene    | < 0.80 | 0.80 | 2.5  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,2-Dichloropropane         | < 0.39 | 0.39 | 1.2  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,1-Dichloroethane          | < 0.87 | 0.87 | 2.8  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 1,3-Dichloropropane         | < 0.62 | 0.62 | 2.0  |     | ug/L  |      | 10/16/02      | SW846 8260B     |
| 2,2-Dichloropropane         | < 0.99 | 0.99 | 3.2  |     | ug/L  |      | 10/16/02      | SW846 8260B     |



- Analytical Report -

Project Name : D + G MOBIL

Project Number : 12-21035

Field ID : TW-1

Lab Sample Number : 827030-004

WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES

Report Date : 10/18/02

Collection Date : 10/8/02

Matrix Type : WATER

|                           |        |      |      |        |   |          |             |
|---------------------------|--------|------|------|--------|---|----------|-------------|
| 1,1-Dichloropropene       | < 0.79 | 0.79 | 2.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| cis-1,3-Dichloropropene   | < 0.57 | 0.57 | 1.8  | ug/L   |   | 10/16/02 | SW846 8260B |
| trans-1,3-Dichloropropene | < 0.64 | 0.64 | 2.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Diisopropyl ether         | < 0.60 | 0.60 | 1.9  | ug/L   |   | 10/16/02 | SW846 8260B |
| Ethylbenzene              | 28     | 0.53 | 1.7  | ug/L   |   | 10/16/02 | SW846 8260B |
| Fluorotrichloromethane    | < 0.85 | 0.85 | 2.7  | ug/L   |   | 10/16/02 | SW846 8260B |
| Hexachlorobutadiene       | < 0.95 | 0.95 | 3.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Isopropylbenzene          | 2.9    | 0.66 | 2.1  | ug/L   |   | 10/16/02 | SW846 8260B |
| p-Isopropyltoluene        | < 0.58 | 0.58 | 1.8  | ug/L   |   | 10/16/02 | SW846 8260B |
| Methylene chloride        | < 0.47 | 0.47 | 1.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| Methyl-tert-butyl-ether   | < 0.87 | 0.87 | 2.8  | ug/L   |   | 10/16/02 | SW846 8260B |
| Naphthalene               | 12     | 0.63 | 2.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| n-Propylbenzene           | 8.1    | 0.95 | 3.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Styrene                   | < 0.62 | 0.62 | 2.0  | ug/L   | & | 10/16/02 | SW846 8260B |
| 1,1,2,2-Tetrachloroethane | < 0.77 | 0.77 | 2.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,1,1,2-Tetrachloroethane | < 0.95 | 0.95 | 3.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Tetrachloroethene         | < 0.63 | 0.63 | 2.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Toluene                   | 21     | 0.84 | 2.7  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,3-Trichlorobenzene    | < 0.77 | 0.77 | 2.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,4-Trichlorobenzene    | < 0.57 | 0.57 | 1.8  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,1,1-Trichloroethane     | < 0.65 | 0.65 | 2.1  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,1,2-Trichloroethane     | < 0.50 | 0.50 | 1.6  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,4-Trimethylbenzene    | 46     | 0.69 | 2.2  | ug/L   |   | 10/16/02 | SW846 8260B |
| Trichloroethene           | < 0.39 | 0.39 | 1.2  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,2,3-Trichloropropane    | < 0.92 | 0.92 | 2.9  | ug/L   |   | 10/16/02 | SW846 8260B |
| 1,3,5-Trimethylbenzene    | 16     | 0.64 | 2.0  | ug/L   |   | 10/16/02 | SW846 8260B |
| Vinyl chloride            | < 0.11 | 0.11 | 0.35 | ug/L   |   | 10/16/02 | SW846 8260B |
| Xylenes, -m, -p           | 77     | 1.1  | 3.5  | ug/L   |   | 10/16/02 | SW846 8260B |
| Xylene, -o                | 17     | 0.73 | 2.3  | ug/L   |   | 10/16/02 | SW846 8260B |
| 4-Bromofluorobenzene      | 101    |      |      | %Recov |   | 10/16/02 | SW846 8260B |
| Dibromofluoromethane      | 111    |      |      | %Recov |   | 10/16/02 | SW846 8260B |
| Toluene-d8                | 109    |      |      | %Recov |   | 10/16/02 | SW846 8260B |

- Analytical Report -

Project Name : D + G MOBIL  
Project Number : 12-21035  
Field ID : FIELD BLANK  
Lab Sample Number : 827030-005  
WI DNR LAB ID : 405132750

Client : MIDWEST ENGINEERING SERVICES  
Report Date : 10/18/02  
Collection Date : 10/8/02  
Matrix Type : METHANOL

Organic Results

PVOC - METHANOL

Prep Method: SW846 5030B

Prep Date: 10/15/02

Analyst: SMT

| Analyte                 | Result | LOD | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|-----|-----|-----|--------|------|---------------|-----------------|
| a,a,a-Trifluorotoluene  | 102    |     |     |     | %Recov |      | 10/16/02      | SW846 M8021B    |
| Benzene                 | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Ethylbenzene            | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Methyl-tert-butyl-ether | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Toluene                 | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| 1,3,5-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| 1,2,4-Trimethylbenzene  | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Xylenes, -m, -p         | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Xylene, -o              | < 25   | 25  | 60  |     | ug/l   |      | 10/16/02      | SW846 M8021B    |

**- Analytical Report -**

**Project Name :** D + G MOBIL  
**Project Number :** 12-21035  
**Field ID :** TRIP BLANK  
**Lab Sample Number :** 827030-006  
**WI DNR LAB ID :** 405132750

**Client :** MIDWEST ENGINEERING SERVICES  
**Report Date :** 10/18/02  
**Collection Date :** 10/8/02  
**Matrix Type :** WATER

**Organic Results**

**PVOC - WATER**

**Prep Method:** SW846 5030B

**Prep Date:** 10/14/02

**Analyst:** SMT

| Analyte                 | Result | LOD  | LOQ | EQL | Units  | Code | Analysis Date | Analysis Method |
|-------------------------|--------|------|-----|-----|--------|------|---------------|-----------------|
| a,a,a-Trifluorotoluene  | 99     |      |     |     | %Recov |      | 10/16/02      | SW846 M8021B    |
| Benzene                 | < 0.45 | 0.45 | 1.4 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Ethylbenzene            | < 0.82 | 0.82 | 2.6 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Methyl-tert-butyl-ether | < 0.43 | 0.43 | 1.4 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Toluene                 | < 0.68 | 0.68 | 2.2 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| 1,3,5-Trimethylbenzene  | < 0.94 | 0.94 | 3.0 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| 1,2,4-Trimethylbenzene  | < 0.92 | 0.92 | 2.9 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Xylenes, -m, -p         | < 1.7  | 1.7  | 5.4 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |
| Xylene, -o              | < 0.77 | 0.77 | 2.5 |     | ug/l   |      | 10/16/02      | SW846 M8021B    |