

# FISCHER

*Logged in*

RIPON (920) 745-2200  
GREEN BAY (920) 592-9540  
KAUKAUNA (920) 766-2069

March 6, 2000

Mr. Mike Netzer, Hydrogeologist  
Wisconsin Department of Natural Resources  
P.O. Box 208  
101 N Ogden Rd.  
Peshtigo, WI 54157

**SUBJECT: UNDERGROUND STORAGE TANK REMOVAL LETTER for D & G Mobil**  
located at 125 N. Hwy 141, Coleman, Wisconsin.  
BRRTS No. 03-38-204911  
FISCHER Project No. 991024R.1

Dear Mr. Netzer:

The purpose of this letter is to provide documentation that three underground storage tanks (USTs) have been removed from the above referenced site.

Petroleum contamination was discovered at this site and reported to the Wisconsin Department of Natural Resources (WDNR) on October 13, 1998. A site investigation is being conducted at the site under direction of the WDNR.

FISCHER was retained by Mr. George Hannan to perform the removal of three USTs and any associated piping. On October 20, 1999 FISCHER personnel were on site to oversee the excavation and removal of two 4,000-gallon USTs, and one 10,000-gallon UST, all of which contained unleaded gasoline. Attachment A provides a site plan map with locations of the three USTs. Included in Attachment B are copies of the Underground Storage Tank Checklist, and Underground Storage Tank Inventory Forms. Prior to their removal from the site the USTs were labeled per COMM requirements and properly disposed of. Documentation of scrapping can be found in Attachment C. Due to obvious contamination, and as directed by George Hannan, FISCHER personnel over excavated approximately 135 cubic yards of soil. Soil excavated during UST removal activities was transported to property owned by Mr. George Hannan located within the Northwest Quarter of the Northwest Quarter, of Section 22, Township 30 North, Range 21 East, Grover township, Marinette County, fronted by County Trunk B. The soil located at the site listed above was placed on and covered with polyethylene sheeting. During

**Corporate Office:**  
P.O. Box 552, Ripon, WI 54971  
Fax: (920) 745-2222  
[kfisher@fdldotnet.com](mailto:kfisher@fdldotnet.com)

**Green Bay Office:**  
P.O. Box 11236, Green Bay, WI 54307  
Fax: (920) 592-0259  
[fischerq@athenet.net](mailto:fischerq@athenet.net)

**Kaukauna Office:**  
P.O. Box 127, Kaukauna, WI 54130  
Fax: (920) 759-2669  
[feikau@athenet.net](mailto:feikau@athenet.net)

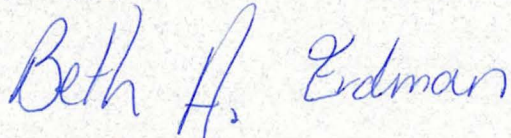


the over excavation, eight soil samples were collected for laboratory analysis. Analytical results from soil samples collected during the UST removal and over excavation activities indicate the presence of diesel range organics (DRO), gasoline range organics (GRO) and petroleum volatile organic compounds (PVOCs) in excess of the laboratory detection limits. A copy of the laboratory analytical report is provided in Attachment D.

If you have any questions please feel free to contact me at (920) 745-2200.

Respectfully Submitted,

**FISCHER**



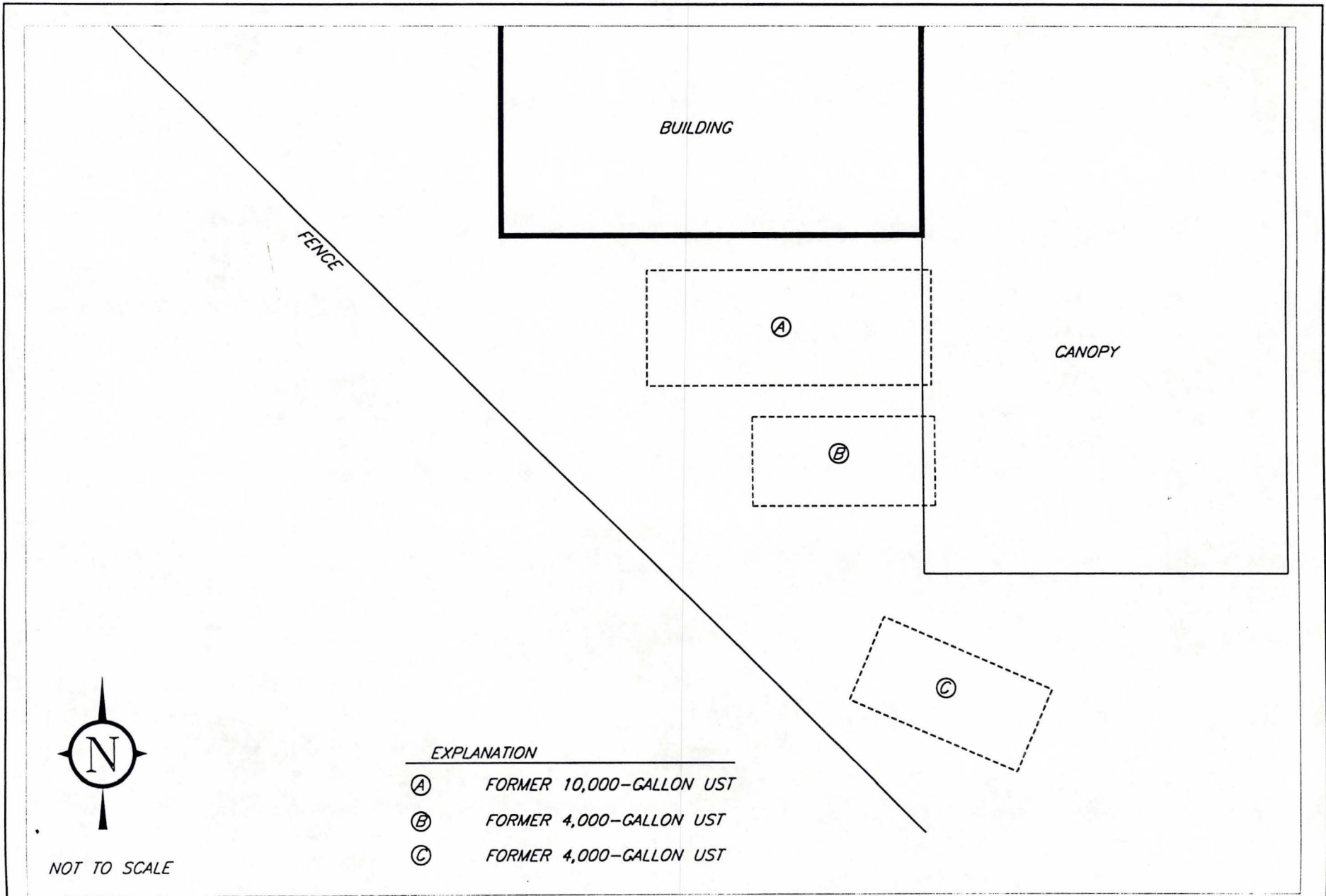
Beth A. Erdman  
Hydrogeologist

BAE/sm

c: Mr. George Hannan.



**ATTACHMENT A**



EXPLANATION

- Ⓐ FORMER 10,000-GALLON UST
- Ⓑ FORMER 4,000-GALLON UST
- Ⓒ FORMER 4,000-GALLON UST

FIGURE 2: SITE PLAN

**FISCHER**

RIPON  
KAUKAUNA  
GREEN BAY

991024R.1	
DRAWN BY: KP	REVIEWED BY:
DATE: 1/12/00	APPROVED BY:
ID#: TANK\PILOT	

D & G MOBILE  
COLEMAN, WISCONSIN  
TANK CLOSURE REPORT



**ATTACHMENT B**



Complete one form for each site closure.

CHECKLIST FOR TANK CLOSURE

RETURN COMPLETED CHECKLIST TO:

The information you provide may be used for secondary purposes (Law, s. 15.04 (1)(m)).

CHECK ONE  
 UNDERGROUND  
 ABOVEGROUND

Wisconsin Department of Commerce  
 ERS Division  
 Bureau of Storage Tank Regulation  
 P.O. Box 7837  
 Madison, WI 53707-7837

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE N/A BOX BELOW

**A. IDENTIFICATION:** (Please Print) Indicate whether closure is for:  Tank System  Tank Only  Piping Only

1. Site Name: D&G Mobil & Quick Mart 2. Owner Name: George Hannan  
 Site Street Address (not P.O. Box): 125 N. Hwy 141 Owner Street Address: P.O. Box 141  
 City  Village  Town of: Coleman  City  Village  Town of: Coleman State: WI Zip Code: 541  
 State: WI Zip Code: 54112 County: Marquette County: Marquette Telephone No. (include area code): (920) 897367  
 3. Closure Company Name (print): Fischer Environment Closure Company Street Address: P.O. Box 552  
 Closure Company Telephone No. (include area code): (920) 745-2200 Closure Company City, State, Zip Code: Ripon WI 54971  
 4. Name of Company Performing Closure Assessment: Same as Above Assessment Company Street Address, City, State, Zip Code: Same as Above  
 Telephone No. (include area code): (920) 745-2200 Certified Assessor Name (print): Scott Fischer Assessor Signature: [Signature] Assessor Certification No.: 91077

Tank ID #	Closure	Temp. Closure	Closure in Place	Tank Capacity	Contents*	Closure Assessment
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10,000	Unleaded	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4,000	Unleaded	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4,000	Unleaded	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N

\* Indicate which product: Diesel; Leaded; Unleaded; Fuel Oil; Gasohol; Aviation Fuel; Kerosene; Premix; Waste/Used Motor Oil; Flammable/Combustible Hazardous Waste; Chemical (indicate the chemical name(s) \_\_\_\_\_ and CAS number(s) \_\_\_\_\_); Other \_\_\_\_\_

Written notification was provided to the local agent 15 days in advance of closure date.  Y  N  NA  
 All local permits were obtained before beginning closure.  Y  N  NA

**B. TEMPORARILY OUT OF SERVICE** Remove Verified  Y  N Inspector Verified  Y  N NA  Y  N

Written inspector approval of temporary closure obtained, which is effective until (provide date) \_\_\_\_\_

1. Product Removed  Y  N  NA

a. Product lines drained into tank (or other container) and resulting liquid removed, AND  Y  N  NA

b. All product removed to bottom of suction line, OR  Y  N  NA

c. All product removed to within 1" of bottom.  Y  N  NA

2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.  Y  N  NA

3. All product lines at the islands or pumps located elsewhere are removed and capped, OR  Y  N  NA

4. Dispensers/pumps left in place but locked and power disconnected.  Y  N  NA

5. Vent lines left open.  Y  N  NA

6. Inventory form filed indicating temporary closure.  Y  N  NA

**C. CLOSURE BY REMOVAL** Remove Verified  Y  N Inspector Verified  Y  N NA  Y  N

1. Product from piping drained into tank (or other container).  Y  N  NA

2. Piping disconnected from tank and removed.  Y  N  NA

3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.  Y  N  NA

4. All pump motors and suction hoses bonded to tank or otherwise grounded.  Y  N  NA

5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.  Y  N  NA

NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.

Vent lines left connected until tanks purged.  Y  N  NA

Tank openings temporarily plugged so vapors exit through vent.  Y  N  NA

8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.  Y  N  NA

9. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.  Y  N  NA

10. Tank cleaned before being removed from site.  Y  N  NA



**C. CLOSURE BY REMOVAL (continued)**

	Remover Verified	Inspector Verified	NA
11. Tank labeled in 2" high letters after removal but before being moved from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
<b>NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.</b>			
12. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
13. Form ERS-7437 or ERS-8731 filed by owner with the Dept. of Commerce indicating closure by removal.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>
14. Site security is provided while the excavation is open.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>

**D. CLOSURE IN PLACE**

**NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.**

1. Product from piping drained into tank (or other container).	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Piping disconnected from tank and removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT. ABOVE GRADE.</b>				
6. Vent lines left connected until tanks purged.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Tank openings temporarily plugged so vapors exit through vent.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) see Section F.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Tank properly cleaned to remove all sludge and residue.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Vent line disconnected or removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Inventory form filed by owner with the Department of Commerce indicating closure in place.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**E. CLOSURE ASSESSMENTS**

**NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO COMM 10.**

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
2. Do points of obvious contamination exist?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
3. Are there strong odors in the soils?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
4. Was a field screening instrument used to pre-screen soil sample locations?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
5. Was a closure assessment omitted because of obvious contamination?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
6. Was the DNR notified of suspected or obvious contamination? Agency, office and person contacted: <u>Had previously been notified</u>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
7. Contamination suspected because of: <input checked="" type="checkbox"/> Odor <input checked="" type="checkbox"/> Soil Staining <input type="checkbox"/> Free Product <input type="checkbox"/> Sheen on Groundwater <input checked="" type="checkbox"/> Field Instrument Test				

**F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION**

- Eductor Or Diffused Air Blower
  - Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.
  - Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.
- Dry Ice
  - Dry Ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area.
  - Dry ice evaporated before proceeding.
- Inert Gas (CO/2 or N/2) **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**
  - Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.
  - Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.
- Tank atmosphere monitored for flammable or combustible vapor levels.
  - Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

**G. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW**

**H. REMOVER/CLEANER INFORMATION**

Paul Frisoe      Paul Frisoe      653-77      10/20/00  
 Remover Name (print)      Remover Signature      Remover Certification No.      Date Signed

**I. INSPECTOR INFORMATION**

CARL FRISOE      Carl Frisoe      920-434-4708      2/11/2000  
 Inspector Name (print)      Inspector Signature      Inspector Certification No.      Date Signed

FDID # For Location Where Inspection Performed      Inspector Telephone Number



File by:  
Reg Obj #:

# UNDERGROUND FLAMMABLE/COMBUSTIBLE LIQUID STORAGE TANK INVENTORY

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:  
Department of Commerce  
Bureau of Storage Tank Regulation  
P.O. Box 7837  
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form?  Yes  No If yes, are you correcting/updating information only?  Yes  No Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04 (1)(m)).

This registration applies to a tank that is (check one):

In Use  Closed - Tank Removed  Ownership Change (Indicate new owner name in block 2)

Newly Installed  Closed - Filled with Inert Materials

Abandoned with Product  Temporarily Out of Service - Provide Date: \_\_\_\_\_

Abandoned without Product (empty)  Abandon with Water

Fire Department providing fire coverage (where tank is located):  
 City  Village  
 Town of: Coleman

**A. IDENTIFICATION (Please Print)**

1. Tank Site Name: P.O. Mobil x Quilma Site Address: 125 N. 141 Site Telephone Number: (920) 897 3676

City  Village  Town of: \_\_\_\_\_ State: WI Zip Code: 54112 County: Marquette

2. Tank Owner Name: George Hannan Mailing Address: P.O. Box 141 Telephone Number: \_\_\_\_\_

City  Village  Town of: \_\_\_\_\_ State: WI Zip Code: 54112 County: Marquette

3. Previous Name: \_\_\_\_\_ Previous site address if different than #1: \_\_\_\_\_

**B. Site ID #:** \_\_\_\_\_ **Facility ID #:** \_\_\_\_\_ **Customer ID #:** \_\_\_\_\_

**C. Tank Capacity (gallons):** 10000 **Tank Age (age or date installed):** 5/1976

**D. LAND OWNER TYPE (check one)**

County  Federal Leased  Federal Owned  Municipal  Other Government

Private  State  Tribal Nation

**E. OCCUPANCY TYPE (check one)**

Gas/Retail Sales  Bulk Storage  Industrial  Mercantile/Commercial  Utility  Residential  School

Agricultural (crop or livestock production)  Backup or Emergency Generator  Other (specify): \_\_\_\_\_

**F. Tank Construction:**

Bare Steel  Coated Steel  Unknown

Fiberglass  Steel - Fiberglass Reinforced Plastic Composite

Lined (date): \_\_\_\_\_  Other (specify): \_\_\_\_\_

**Cathodic Protection**  
 Sacrificial Anodes  Impressed Current  N/A

**Overfill Protection?**  Yes  No  
**Spill Containment?**  Yes  No  
**Tank Double Walled?**  Yes  No

**G. Primary Tank Leak Detection Method:**

Inventory control and tightness testing  Automatic tank gauging  Groundwater monitoring

Manual tank gauging (only for tanks of 1,000 gallons or less)  Interstitial monitoring  Vapor monitoring

Statistical Inventory Reconciliation (SIR)  Unknown

**H. Piping Construction:**

Bare Steel  Coated Steel  Unknown

Fiberglass  Flexible  N/A

Copper  Other (specify): \_\_\_\_\_

**Cathodic Protection**  
 Sacrificial Anodes  Impressed Current  N/A

**Pipe Double Walled?**  Yes  No

**I. Primary Piping System Type:**  Pressurized piping with \_\_\_\_\_ A.  auto shutoff; B.  alarm, or C.  flow restrictor  Unknown

Suction piping with check valve at tank  Suction piping with check valve at pump and inspectable  Not needed if waste oil

**J. Piping Leak Detection Method: (used if pressurized or check valve at tank):**  SIR  Tightness testing  Electronic line leak monitor

Groundwater monitoring  Vapor monitoring  Interstitial monitoring  Not required  Unknown

**K. Vapor Recovery/Stage II CARB #:** \_\_\_\_\_

Fiberglass  Other (specify): \_\_\_\_\_  Flexible  Operational - Provide Date (mo/day/yr): \_\_\_\_\_

**L. TANK CONTENTS: (Current or previous product if tank now empty)**

Diesel  Leaded  Unleaded  Fuel Oil  Gasohol

Other (specify): \_\_\_\_\_  Empty  Sand/Gravel/Slurry\*  Unknown  Premix

Waste/Used Motor Oil  Chemical \_\_\_\_\_  Kerosene  Aviation  Hazardous Waste\*

(Indicate chemical name and number)

\* If chosen, this tank is NOT PECFA eligible.

**M. If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr):** 10/21/99

**Geo Latitude:** \_\_\_\_\_ **Geo Longitude:** \_\_\_\_\_

**Has a site assessment been completed? (see reverse side for details)**  
 Yes  No

**Owner or Operator Name (please print):** \_\_\_\_\_ **Indicate whether:**  Owner or  Operator

**Owner or Operator Signature:** George Hannan **Date Signed:** 10/21/99



File by:  
Reg Obj #:

# UNDERGROUND FLAMMABLE/COMBUSTIBLE LIQUID STORAGE TANK INVENTORY

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:  
Department of Commerce  
Bureau of Storage Tank Regulation  
P.O. Box 7837  
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate registration is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form?  Yes  No. If yes, are you correcting/updating information only?  Yes  No. Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04 (1)(m)].

This registration applies to a tank that is (check one):

<input type="checkbox"/> In Use	<input checked="" type="checkbox"/> Closed - Tank Removed	<input type="checkbox"/> Ownership Change (Indicate new owner name in block 2)	Fire Department providing fire coverage where tank is located: <input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input checked="" type="checkbox"/> Town of <u>Coleman</u>
<input type="checkbox"/> Newly Installed	<input type="checkbox"/> Closed - Filled with Inert Materials		
<input type="checkbox"/> Abandoned with Product	<input type="checkbox"/> Temporarily Out of Service - Provide Date: _____		
<input type="checkbox"/> Abandoned without Product (empty)	<input type="checkbox"/> Abandon with Water		

**A. IDENTIFICATION (Please Print)**

1. Tank Site Name <u>Pd G Mobil &amp; Quik Lm</u>		Site Address <u>125 N. 141</u>	Site Telephone Number <u>(920) 897 3676</u>
<input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town of:	State <u>WI</u>	Zip Code <u>54112</u>	County <u>Marquette</u>
2. Tank Owner Name <u>George Hannan</u>		Mailing Address <u>P.O. Box 191</u>	Telephone Number
<input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town of:	State <u>WI</u>	Zip Code <u>54112</u>	County <u>Marquette</u>
3. Previous Name		Previous site address if different than #1	

**B. Site ID #:** \_\_\_\_\_ **Facility ID #:** \_\_\_\_\_ **Customer ID #:** \_\_\_\_\_

**C. Tank Capacity (gallons):** 4000 **Tank Age (age or date installed):** 1976

**D. LAND OWNER TYPE (check one)**

<input checked="" type="checkbox"/> County	<input type="checkbox"/> Federal Leased	<input type="checkbox"/> Federal Owned	<input type="checkbox"/> Municipal	<input type="checkbox"/> Other Government
<input checked="" type="checkbox"/> Private	<input type="checkbox"/> State	<input type="checkbox"/> Tribal Nation		

**E. OCCUPANCY TYPE (check one)**

<input type="checkbox"/> Gas/Retail Sales	<input type="checkbox"/> Bulk Storage	<input type="checkbox"/> Industrial	<input type="checkbox"/> Mercantile/Commercial	<input type="checkbox"/> Utility	<input type="checkbox"/> Residential	<input type="checkbox"/> School
<input type="checkbox"/> Agricultural (crop or livestock production)	<input type="checkbox"/> Backup or Emergency Generator	<input type="checkbox"/> Other (specify): _____				

**F. Tank Construction:**

<input checked="" type="checkbox"/> Bare Steel	<input type="checkbox"/> Coated Steel	<input type="checkbox"/> Unknown	<b>Cathodic Protection</b>	Overfill Protection? <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite		<input type="checkbox"/> Sacrificial Anodes	Spill Containment? <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Lined (date): _____	<input type="checkbox"/> Other (specify): _____		<input type="checkbox"/> Impressed Current	Tank Double Walled? <input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> N/A	

**G. Primary Tank Leak Detection Method:**

<input checked="" type="checkbox"/> Inventory control and tightness testing	<input type="checkbox"/> Automatic tank gauging	<input type="checkbox"/> Groundwater monitoring
<input type="checkbox"/> Manual tank gauging (only for tanks of 1,000 gallons or less)	<input type="checkbox"/> Interstitial monitoring	<input type="checkbox"/> Vapor monitoring
	<input type="checkbox"/> Statistical Inventory Reconciliation (SIR)	<input type="checkbox"/> Unknown

**H. Piping Construction:**

<input checked="" type="checkbox"/> Bare Steel	<input type="checkbox"/> Coated Steel	<input type="checkbox"/> Unknown	<b>Cathodic Protection</b>	Pipe Double Walled? <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Flexible	<input type="checkbox"/> N/A	<input type="checkbox"/> Sacrificial Anodes	
<input type="checkbox"/> Copper	<input type="checkbox"/> Other (specify): _____		<input type="checkbox"/> Impressed Current	
			<input type="checkbox"/> N/A	

**I. Primary Piping System Type:**  Pressurized piping with \_\_\_\_\_ A.  auto shutoff; B.  alarm, or C.  flow restrictor  Unknown

Suction piping with check valve at tank  Suction piping with check valve at pump and inspectable  Not needed if waste oil

**J. Piping Leak Detection Method (used if pressurized or check valve at tank):**  SIR  Tightness testing  Electronic line leak monitor

Groundwater monitoring  Vapor monitoring  Interstitial monitoring  Not required  Unknown

**K. Vapor Recovery/Stage II CARB #:** \_\_\_\_\_

Fiberglass  Other (specify): \_\_\_\_\_  Flexible  Operational - Provide Date (mo/day/yr): \_\_\_\_\_

**L. TANK CONTENTS (Current, or previous product if tank now empty)**

<input type="checkbox"/> Diesel	<input type="checkbox"/> Leaded	<input checked="" type="checkbox"/> Unleaded	<input type="checkbox"/> Fuel Oil	<input type="checkbox"/> Gasohol
<input type="checkbox"/> Other (specify): _____	<input type="checkbox"/> Empty*	<input type="checkbox"/> Sand/Gravel/Slurry*	<input type="checkbox"/> Unknown*	<input type="checkbox"/> Premix
<input type="checkbox"/> Waste/Used Motor Oil	<input type="checkbox"/> Chemical _____	<input type="checkbox"/> Kerosene	<input type="checkbox"/> Aviation	<input type="checkbox"/> Hazardous Waste*

(Indicate chemical name and number)

\* If chosen, this tank is NOT PECFA eligible

**M. If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr):** 10/20/99

**Has a site assessment been completed? (see reverse side for details)**

Yes  No

**Owner or Operator Name (please print):** George Hannan

**Owner or Operator Signature:** \_\_\_\_\_

**Indicate whether:**  Owner or  Operator

**Date Signed:** 10/21/99

Note: Refer to comments on reverse side of form

ERS-7437 (R 5/99)



File by:  
Reg Obj #:

**UNDERGROUND  
FLAMMABLE/COMBUSTIBLE LIQUID  
STORAGE TANK INVENTORY**  
Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:  
Department of Commerce  
Bureau of Storage Tank Regulation  
P.O. Box 7837  
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form?  Yes  No If yes, are you correcting/updating information only?  Yes  No Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04 (1)(m)]

This registration applies to a tank that is (check one):

<input type="checkbox"/> In Use	<input checked="" type="checkbox"/> Closed - Tank Removed	<input type="checkbox"/> Ownership Change (Indicate new owner name in block 2)	Fire Department providing fire coverage where tank is located:
<input type="checkbox"/> Newly Installed	<input type="checkbox"/> Closed - Filled with Inert Materials		<input type="checkbox"/> City <input checked="" type="checkbox"/> Village
<input type="checkbox"/> Abandoned with Product	<input type="checkbox"/> Temporarily Out of Service - Provide Date: _____		<input checked="" type="checkbox"/> Town of: <u>Coleman</u>
<input type="checkbox"/> Abandoned without Product (empty)	<input type="checkbox"/> Abandon with Water		

**A. IDENTIFICATION (Please Print)**

Tank Site Name <u>Porter Mobil - Quilting</u>	Site Address <u>125 N. 141</u>	Site Telephone Number <u>920-297-3676</u>
<input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town of: <u>Coleman</u>	State <u>WI</u> Zip Code <u>54112</u>	County <u>Waupesa</u>
2. Tank Owner Name <u>George Hannan</u>	Mailing Address <u>P.O. Box 141</u>	Telephone Number
<input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town of: <u>Coleman</u>	State <u>WI</u> Zip Code <u>54112</u>	County <u>Waupesa</u>
3. Previous Name	Previous site address if different than #1	

**B. Site ID #:** \_\_\_\_\_ **Facility ID #:** \_\_\_\_\_ **Customer ID #:** \_\_\_\_\_

**C. Tank Capacity (gallons):** 4000 **Tank Age (age or date installed):** 1976

**D. LAND OWNER TYPE (check one)**

<input type="checkbox"/> County	<input type="checkbox"/> Federal Leased	<input type="checkbox"/> Federal Owned	<input type="checkbox"/> Municipal	<input type="checkbox"/> Other Government
<input checked="" type="checkbox"/> Private	<input type="checkbox"/> State	<input type="checkbox"/> Tribal Nation		

**E. OCCUPANCY TYPE (check one)**

<input checked="" type="checkbox"/> Gas/Retail Sales	<input type="checkbox"/> Bulk Storage	<input type="checkbox"/> Industrial	<input type="checkbox"/> Mercantile/Commercial	<input type="checkbox"/> Utility	<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> School
<input type="checkbox"/> Agricultural (crop or livestock production)	<input checked="" type="checkbox"/> Backup or Emergency Generator	<input type="checkbox"/> Other (specify):				

**F. Tank Construction:**

<input checked="" type="checkbox"/> Bare Steel	<input type="checkbox"/> Coated Steel	<input type="checkbox"/> Unknown	<b>Cathodic Protection</b>	Overfill Protection? <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite		<input type="checkbox"/> Sacrificial Anodes	Spill Containment? <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Lined (date): _____	<input type="checkbox"/> Other (specify): _____		<input type="checkbox"/> Impressed Current	Tank Double Walled? <input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> N/A	

**G. Primary Tank Leak Detection Method:**

<input checked="" type="checkbox"/> Inventory control and tightness testing	<input type="checkbox"/> Automatic tank gauging	<input type="checkbox"/> Groundwater monitoring
<input type="checkbox"/> Manual tank gauging (only for tanks of 1,000 gallons or less)	<input type="checkbox"/> Interstitial monitoring	<input type="checkbox"/> Vapor monitoring
	<input type="checkbox"/> Statistical Inventory Reconciliation (SIR)	<input type="checkbox"/> Unknown

**H. Piping Construction:**

<input checked="" type="checkbox"/> Bare Steel	<input type="checkbox"/> Coated Steel	<input type="checkbox"/> Unknown	<b>Cathodic Protection</b>	Pipe Double Walled? <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Flexible	<input type="checkbox"/> N/A	<input type="checkbox"/> Sacrificial Anodes	
<input type="checkbox"/> Copper	<input type="checkbox"/> Other (specify): _____		<input type="checkbox"/> Impressed Current	
			<input type="checkbox"/> N/A	

**I. Primary Piping System Type:**  Pressurized piping with \_\_\_\_\_ A.  auto shutoff; B.  alarm, or C.  flow restrictor  Unknown

Suction piping with check valve at tank  Suction piping with check valve at pump and inspectable  Not needed if waste oil

**J. Piping Leak Detection Method:** (used if pressurized or check valve at tank):  SIR  Tightness testing  Electronic line leak monitor

Groundwater monitoring  Vapor monitoring  Interstitial monitoring  Not required  Unknown

**K. Vapor Recovery/Stage II CARB #:** \_\_\_\_\_

Fiberglass  Other (specify): \_\_\_\_\_  Flexible  Operational - Provide Date (mo/day/yr): \_\_\_\_\_

**L. TANK CONTENTS (Current, or previous product if tank now empty)**

<input type="checkbox"/> Diesel	<input checked="" type="checkbox"/> Leaded	<input checked="" type="checkbox"/> Unleaded	<input type="checkbox"/> Fuel Oil	<input checked="" type="checkbox"/> Gasohol
<input type="checkbox"/> Other (specify): _____	<input checked="" type="checkbox"/> Empty	<input type="checkbox"/> Sand/Gravel/Slurry*	<input type="checkbox"/> Unknown	<input type="checkbox"/> Premix
<input type="checkbox"/> Waste/Used Motor Oil	<input type="checkbox"/> Chemical _____	<input type="checkbox"/> Kerosene	<input type="checkbox"/> Aviation	<input checked="" type="checkbox"/> Hazardous Waste*

(Indicate chemical name and number)

\* If chosen, this tank is NOT PECFA eligible

**M. If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr):** 10/21/99

Geo Latitude: \_\_\_\_\_ Geo Longitude: \_\_\_\_\_

Has a site assessment been completed? (see reverse side for details)

Yes  No

**Owner or Operator Name (please print):** George Hannan

**Owner or Operator Signature:** [Signature]

Indicate whether:  Owner or  Operator

Date Signed: 10/21/99



**ATTACHMENT C**



**Lasch Steel & Recycling**

2112 Riverview Drive

Phone 434-3131

Green Bay, Wis., 2/24 19 2000

Name George Hannon

Address \_\_\_\_\_

Received a 10,000 gallon  
fuel tank for recycling  
from D & G Quikmart.

paid

**Lasch Steel & Recycling**

2112 Riverview Drive

Phone 434-3131

Green Bay, Wis., 2/23 19 2000

Name George Hannon

Address \_\_\_\_\_

Received (2) 4000 gal.  
gasoline tanks from  
D & G Quikmart for  
recycling.

paid

COPY



## **APPENDIX D**









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

## - Analytical Report -

Project Name : D&G MOBILE

Project Number : 991024R.2

Client: FISCHER ENVIRONMENTAL

WI DNR LAB ID : 405132750

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
896382-001	#1 SOUTH BOTTOM @12.5'	10/21/99			
896382-002	#2 NE BOTTOM @13'	10/21/99			
896382-003	#3 NW BOTTOM @13'	10/21/99			
896382-004	#4 NE SIDEWALL @5'	10/21/99			
896382-005	#5 NW SIDEWALL @6'	10/21/99			
896382-006	#6 E SIDEWALL @6'	10/21/99			
896382-007	#7 SW SIDEWALL @6'	10/21/99			
896382-008	#8 S SIDEWALL @6'	10/21/99			

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

Jp. Duranceau  
Approval Signature

11/5/99  
Date

RECEIVED  
NOV 9 1999



# En Chem Inc.

1750 Industrial Drive  
Green Bay, WI 54302  
920-469-2436  
800-7-ENCHEM  
Fax: 920-469-8827

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Lab#	TestGroupID	Comment
896382-001	GRO-S-ME	Late peaks were present outside of window.
#1 SOUTH BOTTOM @12.5'		
	DRO-S	Front peaks present along with diesel peaks.
896382-002	GRO-S-ME	Late peaks were present outside of window.
#2 NE BOTTOM @13'		
	DRO-S	Front peaks present along with diesel peaks.
896382-003	GRO-S-ME	Late peaks were present outside of window.
#3 NW BOTTOM @13'		
	DRO-S	Front peaks present along with diesel peaks.
896382-004	GRO-S-ME	Late peaks were present outside of window.
#4 NE SIDEWALL @5'		
896382-006	GRO-S-ME	Late peaks were present outside of window.
#6 E SIDEWALL @6'		
896382-008	GRO-S-ME	Late peaks were present outside of window.
#8 S SIDEWALL @6'		
	DRO-S	Early peaks present outside of window of analysis.



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.2  
Field ID : #1 SOUTH BOTTOM @12.5'  
Lab Sample Number : 896382-001  
WI DNR LAB ID : 405132750

Client : FISCHER ENVIRONMENTAL  
Report Date : 10/31/99  
Collection Date : 10/21/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	93.9				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL      Prep Method: Wi MOD DRO      Prep Date: 10/25/99      Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	300			10	mg/kg		10/25/99	Wi MOD DRO
Blank spike	79			50	%Recov		10/25/99	Wi MOD DRO
Blank spike duplicate	73			50	%Recov		10/25/99	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	Wi MOD DRO

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL      Prep Method: Wi MOD GRO      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	230			13	mg/kg		10/27/99	Wi MOD GRO
Blank Spike	108			1.00	%Recov		10/27/99	Wi MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		10/27/99	Wi MOD GRO
Blank	< 2.5			2.5	mg/kg		10/27/99	Wi MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL      Prep Method: SW846 5030B      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	112				%Recov		10/27/99	MOD 8021B
Benzene	220	130	310		ug/kg	Q	10/27/99	MOD 8021B
Ethylbenzene	4100	130	310		ug/kg		10/27/99	MOD 8021B
Methyl-tert-butyl-ether	< 130	130	310		ug/kg		10/27/99	MOD 8021B
Toluene	4600	130	310		ug/kg		10/27/99	MOD 8021B
1,3,5-Trimethylbenzene	7200	130	310		ug/kg		10/27/99	MOD 8021B
1,2,4-Trimethylbenzene	21000	130	310		ug/kg		10/27/99	MOD 8021B
Xylenes, -m, -p	16000	130	310		ug/kg		10/27/99	MOD 8021B
Xylene, -o	7900	130	310		ug/kg		10/27/99	MOD 8021B

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



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.2  
Field ID : #2 NE BOTTOM @13'  
Lab Sample Number : 896382-002  
WI DNR LAB ID : 405132750

Client : FISCHER ENVIRONMENTAL  
Report Date : 10/31/99  
Collection Date : 10/21/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	91.0				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL      Prep Method: Wi MOD DRO      Prep Date: 10/25/99      Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	7900			310	mg/kg		10/25/99	Wi MOD DRO
Blank spike	79			50	%Recov		10/25/99	Wi MOD DRO
Blank spike duplicate	73			50	%Recov		10/25/99	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	Wi MOD DRO

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL      Prep Method: Wi MOD GRO      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	4000			220	mg/kg		10/27/99	Wi MOD GRO
Blank Spike	108			1.00	%Recov		10/27/99	Wi MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		10/27/99	Wi MOD GRO
Blank	< 2.5			2.5	mg/kg		10/27/99	Wi MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL      Prep Method: SW846 5030B      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	109				%Recov		10/27/99	MOD 8021B
Benzene	25000	2200	5300		ug/kg		10/27/99	MOD 8021B
Ethylbenzene	99000	2200	5300		ug/kg		10/27/99	MOD 8021B
Methyl-tert-butyl-ether	3700	2200	5300		ug/kg	Q	10/27/99	MOD 8021B
Toluene	210000	2200	5300		ug/kg		10/27/99	MOD 8021B
1,3,5-Trimethylbenzene	88000	2200	5300		ug/kg		10/27/99	MOD 8021B
1,2,4-Trimethylbenzene	270000	2200	5300		ug/kg		10/27/99	MOD 8021B
Xylenes, -m, -p	330000	2200	5300		ug/kg		10/27/99	MOD 8021B
Xylene, -o	140000	2200	5300		ug/kg		10/27/99	MOD 8021B

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



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.2  
Field ID : #3 NW BOTTOM @13'  
Lab Sample Number : 896382-003  
WI DNR LAB ID : 405132750  
Client : FISCHER ENVIRONMENTAL  
Report Date : 10/31/99  
Collection Date : 10/21/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	90.9				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL      Prep Method: Wi MOD DRO      Prep Date: 10/25/99      Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	2900			77	mg/kg		10/25/99	Wi MOD DRO
Blank spike	79			50	%Recov		10/25/99	Wi MOD DRO
Blank spike duplicate	73			50	%Recov		10/25/99	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	Wi MOD DRO

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL      Prep Method: Wi MOD GRO      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	940			69	mg/kg		10/27/99	Wi MOD GRO
Blank Spike	108			1.00	%Recov		10/27/99	Wi MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		10/27/99	Wi MOD GRO
Blank	< 2.5			2.5	mg/kg		10/27/99	Wi MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL      Prep Method: SW846 5030B      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	109				%Recov		10/27/99	MOD 8021B
Benzene	1900	690	1700		ug/kg		10/27/99	MOD 8021B
Ethylbenzene	23000	690	1700		ug/kg		10/27/99	MOD 8021B
Methyl-tert-butyl-ether	< 630	630	1500		ug/kg		10/27/99	MOD 8021B
Toluene	13000	690	1700		ug/kg		10/27/99	MOD 8021B
1,3,5-Trimethylbenzene	24000	690	1700		ug/kg		10/27/99	MOD 8021B
1,2,4-Trimethylbenzene	68000	690	1700		ug/kg		10/27/99	MOD 8021B
Xylenes, -m, -p	81000	690	1700		ug/kg		10/27/99	MOD 8021B
Xylene, -o	35000	690	1700		ug/kg		10/27/99	MOD 8021B

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



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.2  
Field ID : #4 NE SIDEWALL @5'  
Lab Sample Number : 896382-004  
WI DNR LAB ID : 405132750  
Client : FISCHER ENVIRONMENTAL  
Report Date : 11/5/99  
Collection Date : 10/21/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	93.6				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL      Prep Method: Wi MOD DRO      Prep Date: 10/25/99      Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	5600			230	mg/kg		10/25/99	Wi MOD DRO
Blank spike	79			50	%Recov		10/25/99	Wi MOD DRO
Blank spike duplicate	73			50	%Recov		10/25/99	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	Wi MOD DRO

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL      Prep Method: Wi MOD GRO      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	1100			53	mg/kg		11/5/99	Wi MOD GRO
Blank Spike	108			1.00	%Recov		11/5/99	Wi MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		11/5/99	Wi MOD GRO
Blank	< 2.5			2.5	mg/kg		11/5/99	Wi MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL      Prep Method: SW846 5030B      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	103				%Recov		11/5/99	MOD 8021B
Benzene	< 500	500	1200		ug/kg		11/5/99	MOD 8021B
Ethylbenzene	1400	530	1300		ug/kg		11/5/99	MOD 8021B
Methyl-tert-butyl-ether	< 500	500	1200		ug/kg		11/5/99	MOD 8021B
Toluene	< 500	500	1200		ug/kg		11/5/99	MOD 8021B
1,3,5-Trimethylbenzene	18000	530	1300		ug/kg		11/5/99	MOD 8021B
1,2,4-Trimethylbenzene	32000	530	1300		ug/kg		11/5/99	MOD 8021B
Xylenes, -m, -p	5500	530	1300		ug/kg		11/5/99	MOD 8021B
Xylene, -o	3900	530	1300		ug/kg		11/5/99	MOD 8021B

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



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.2  
Field ID : #5 NW SIDEWALL @6'  
Lab Sample Number : 896382-005  
WI DNR LAB ID : 405132750  
Client : FISCHER ENVIRONMENTAL  
Report Date : 10/31/99  
Collection Date : 10/21/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	94.2				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL      Prep Method: Wi MOD DRO      Prep Date: 10/25/99      Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	7.8			3.6	mg/kg		10/25/99	Wi MOD DRO
Blank spike	79			50	%Recov		10/25/99	Wi MOD DRO
Blank spike duplicate	73			50	%Recov		10/25/99	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	Wi MOD DRO

Organic Results

ASOLINE RANGE ORGANICS - SOIL/METHANOL      Prep Method: Wi MOD GRO      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	< 2.7			2.7	mg/kg		10/27/99	Wi MOD GRO
Blank Spike	108			1.00	%Recov		10/27/99	Wi MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		10/27/99	Wi MOD GRO
Blank	< 2.5			2.5	mg/kg		10/27/99	Wi MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL      Prep Method: SW846 5030B      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	101				%Recov		10/27/99	MOD 8021B
Benzene	< 25	25	60		ug/kg		10/27/99	MOD 8021B
Ethylbenzene	< 25	25	60		ug/kg		10/27/99	MOD 8021B
Methyl-tert-butyl-ether	< 25	25	60		ug/kg		10/27/99	MOD 8021B
Toluene	< 25	25	60		ug/kg		10/27/99	MOD 8021B
1,3,5-Trimethylbenzene	< 25	25	60		ug/kg		10/27/99	MOD 8021B
1,2,4-Trimethylbenzene	< 25	25	60		ug/kg		10/27/99	MOD 8021B
Xylenes, -m, -p	< 25	25	60		ug/kg		10/27/99	MOD 8021B
Xylene, -o	< 25	25	60		ug/kg		10/27/99	MOD 8021B

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



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.2  
Field ID : #6 E SIDEWALL @6'  
Lab Sample Number : 896382-006  
WI DNR LAB ID : 405132750

Client : FISCHER ENVIRONMENTAL  
Report Date : 10/31/99  
Collection Date : 10/21/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	92.1				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO Prep Date: 10/25/99 Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	76			3.9	mg/kg		10/25/99	Wi MOD DRO
Blank spike	79			50	%Recov		10/25/99	Wi MOD DRO
Blank spike duplicate	73			50	%Recov		10/25/99	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	Wi MOD DRO

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL

Prep Method: Wi MOD GRO Prep Date: 10/25/99 Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	4.6			2.7	mg/kg		10/27/99	Wi MOD GRO
Blank Spike	108			1.00	%Recov		10/27/99	Wi MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		10/27/99	Wi MOD GRO
Blank	< 2.5			2.5	mg/kg		10/27/99	Wi MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL

Prep Method: SW846 5030B Prep Date: 10/25/99 Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	104				%Recov		10/27/99	MOD 8021B
Benzene	< 25	25	60		ug/kg		10/27/99	MOD 8021B
Ethylbenzene	70	27	65		ug/kg		10/27/99	MOD 8021B
Methyl-tert-butyl-ether	< 25	25	60		ug/kg		10/27/99	MOD 8021B
Toluene	< 25	25	60		ug/kg		10/27/99	MOD 8021B
1,3,5-Trimethylbenzene	100	27	65		ug/kg		10/27/99	MOD 8021B
1,2,4-Trimethylbenzene	200	27	65		ug/kg		10/27/99	MOD 8021B
Xylenes, -m, -p	200	27	65		ug/kg		10/27/99	MOD 8021B
Xylene, -o	83	27	65		ug/kg		10/27/99	MOD 8021B

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



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.2  
Field ID : #7 SW SIDEWALL @6'  
Lab Sample Number : 896382-007  
WI DNR LAB ID : 405132750

Client : FISCHER ENVIRONMENTAL  
Report Date : 10/31/99  
Collection Date : 10/21/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	95.2				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL      Prep Method: Wi MOD DRO      Prep Date: 10/25/99      Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	6.0			3.8	mg/kg		10/25/99	Wi MOD DRO
Blank spike	79			50	%Recov		10/25/99	Wi MOD DRO
Blank spike duplicate	73			50	%Recov		10/25/99	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	Wi MOD DRO

Organic Results

ASOLINE RANGE ORGANICS - SOIL/METHANOL      Prep Method: Wi MOD GRO      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	< 2.6			2.6	mg/kg		10/27/99	Wi MOD GRO
Blank Spike	108			1.00	%Recov		10/27/99	Wi MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		10/27/99	Wi MOD GRO
Blank	< 2.5			2.5	mg/kg		10/27/99	Wi MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL      Prep Method: SW846 5030B      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	101				%Recov		10/27/99	MOD 8021B
Benzene	< 25	25	60		ug/kg		10/27/99	MOD 8021B
Ethylbenzene	28	26	62		ug/kg	Q	10/27/99	MOD 8021B
Methyl-tert-butyl-ether	< 25	25	60		ug/kg		10/27/99	MOD 8021B
Toluene	65	26	62		ug/kg		10/27/99	MOD 8021B
1,3,5-Trimethylbenzene	41	26	62		ug/kg	Q	10/27/99	MOD 8021B
1,2,4-Trimethylbenzene	120	26	62		ug/kg		10/27/99	MOD 8021B
Xylenes, -m, -p	110	26	62		ug/kg		10/27/99	MOD 8021B
Xylene, -o	55	26	62		ug/kg	Q	10/27/99	MOD 8021B

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



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.2  
Field ID : #8 S SIDEWALL @6'  
Lab Sample Number : 896382-008  
WI DNR LAB ID : 405132750

Client : FISCHER ENVIRONMENTAL  
Report Date : 11/5/99  
Collection Date : 10/21/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	94.2				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL      Prep Method: WI MOD DRO      Prep Date: 10/25/99      Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	2300			73	mg/kg		10/25/99	WI MOD DRO
Blank spike	79.0			1.00	%recov		10/25/99	WI MOD DRO
Blank spike duplicate	73.0			1.00	% recov		10/25/99	WI MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	WI MOD DRO

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL      Prep Method: WI MOD GRO      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	6700			210	mg/kg		11/5/99	WI MOD GRO
Blank Spike	108			1.00	%Recov		11/5/99	WI MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		11/5/99	WI MOD GRO
Blank	< 2.5			2.5	mg/kg		11/5/99	WI MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL      Prep Method: SW846 5030B      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	122				%Recov		11/5/99	MOD 8021B
Benzene	21000	2100	5000		ug/kg		11/5/99	MOD 8021B
Ethylbenzene	190000	2100	5000		ug/kg		11/5/99	MOD 8021B
Methyl-tert-butyl-ether	< 2000	2000	4800		ug/kg		11/5/99	MOD 8021B
Toluene	430000	2100	5000		ug/kg		11/5/99	MOD 8021B
1,3,5-Trimethylbenzene	170000	2100	5000		ug/kg		11/5/99	MOD 8021B
1,2,4-Trimethylbenzene	520000	2100	5000		ug/kg		11/5/99	MOD 8021B
Xylenes, -m, -p	720000	2100	5000		ug/kg		11/5/99	MOD 8021B
Xylene, -o	320000	2100	5000		ug/kg		11/5/99	MOD 8021B

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





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

- Analytical Report -

Project Name : D&G MOBILE

Project Number : 991024R.1

WI DNR LAB ID : 405132750

Client: FISCHER ENVIRONMENTAL

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
896383-001	S. 4000 EAST @ 9'	10/20/99			
896383-002	S. 4000 WEST @ 9'	10/20/99			

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

J. Duranclean  
Approval Signature

11/5/99  
Date

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# En Chem Inc.

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

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Lab#	TestGroupID	Comment
896383-001	PVOC-S-ME	The PVOC surrogate recovery was above limits due to co-elution with non-target compounds
S. 4000 EAST @ 9'	GRO-S-ME	Late peaks were present outside of window
	DRO-S	Front peaks present along with diesel peaks
896383-002	GRO-S-ME	Late peaks were present outside of window.
S. 4000 WEST @ 9'	DRO-S	Front peaks present along with diesel peaks.



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.1  
Field ID : S. 4000 EAST @ 9'  
Lab Sample Number : 896383-001  
WI DNR LAB ID : 405132750

Client : FISCHER ENVIRONMENTAL  
Report Date : 11/5/99  
Collection Date : 10/20/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	93.3				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO Prep Date: 10/25/99 Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	67			3.6	mg/kg		10/25/99	Wi MOD DRO
Blank spike	79			50	%Recov		10/25/99	Wi MOD DRO
Blank spike duplicate	73			50	%Recov		10/25/99	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	Wi MOD DRO

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL

Prep Method: Wi MOD GRO Prep Date: 10/25/99 Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	110			2.7	mg/kg		11/5/99	Wi MOD GRO
Blank Spike	108			1.00	%Recov		11/5/99	Wi MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		11/5/99	Wi MOD GRO
Blank	< 2.5			2.5	mg/kg		11/5/99	Wi MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL

Prep Method: SW846 5030B Prep Date: 10/25/99 Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	154				%Recov		11/5/99	MOD 8021B
Benzene	57	27	65		ug/kg	Q	11/5/99	MOD 8021B
Ethylbenzene	1500	27	65		ug/kg		11/5/99	MOD 8021B
Methyl-tert-butyl-ether	35	27	65		ug/kg	Q	11/5/99	MOD 8021B
Toluene	1500	27	65		ug/kg		11/5/99	MOD 8021B
1,3,5-Trimethylbenzene	2800	27	65		ug/kg		11/5/99	MOD 8021B
1,2,4-Trimethylbenzene	8200	27	65		ug/kg		11/5/99	MOD 8021B
Xylenes, -m, -p	5800	27	65		ug/kg		11/5/99	MOD 8021B
Xylene, -o	3100	27	65		ug/kg		11/5/99	MOD 8021B

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



- Analytical Report -

Project Name : D&G MOBILE  
Project Number : 991024R.1  
Field ID : S. 4000 WEST @ 9'  
Lab Sample Number : 896383-002  
WI DNR LAB ID : 405132750

Client : FISCHER ENVIRONMENTAL  
Report Date : 10/31/99  
Collection Date : 10/20/99  
Matrix Type : SOIL

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analys
Solids, percent	90.2				%		10/25/99	SM2540G	SM2540G	DJB

Organic Results

Preservation Date : 10/25/99

DIESEL RANGE ORGANICS - SOIL      Prep Method: Wi MOD DRO      Prep Date: 10/25/99      Analyst: DJB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	960			33	mg/kg		10/25/99	Wi MOD DRO
Blank spike	79			50	%Recov		10/25/99	Wi MOD DRO
Blank spike duplicate	73			50	%Recov		10/25/99	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		10/25/99	Wi MOD DRO

Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL      Prep Method: Wi MOD GRO      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	1500			69	mg/kg		10/28/99	Wi MOD GRO
Blank Spike	108			1.00	%Recov		10/28/99	Wi MOD GRO
Blank Spike Duplicate	106			1.00	%Recov		10/28/99	Wi MOD GRO
Blank	< 2.5			2.5	mg/kg		10/28/99	Wi MOD GRO

Organic Results

PVOC - METHANOL PRESERVED SOIL      Prep Method: SW846 5030B      Prep Date: 10/25/99      Analyst: MSB

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
a,a,a-Trifluorotoluene	117				%Recov		10/28/99	MOD 8021B
Benzene	3300	690	1700		ug/kg		10/28/99	MOD 8021B
Ethylbenzene	36000	690	1700		ug/kg		10/28/99	MOD 8021B
Methyl-tert-butyl-ether	1200	690	1700		ug/kg	Q	10/28/99	MOD 8021B
Toluene	62000	690	1700		ug/kg		10/28/99	MOD 8021B
1,3,5-Trimethylbenzene	31000	690	1700		ug/kg		10/28/99	MOD 8021B
1,2,4-Trimethylbenzene	96000	690	1700		ug/kg		10/28/99	MOD 8021B
Xylenes, -m, -p	120000	690	1700		ug/kg		10/28/99	MOD 8021B
Xylene, -o	47000	690	1700		ug/kg		10/28/99	MOD 8021B

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



