



June 18, 2008

Ms. Jennifer Grimes Wisconsin Department of Transportation 2101 Wright Street Madison, WI 53704-2583

Mr. Randall Maass Wisconsin Department of Natural Resources 3911 Fish Hatchery Road Madison, WI 53711



Subject: USH 18 - Jefferson Mobil, 352 E. Racine Street, Jefferson, Wisconsin WisDOT Project ID #3080-06-71

Dear Ms. Grimes and Mr. Maass:

Enclosed is the Underground Storage Tank Abandonment Report for USH 18 – Jefferson Mobil at 352 East Racine Street in Jefferson, Wisconsin. If you have any questions, please contact me at (608) 662-5274.

Sincerely,

RMT, Inc.

Vanuel Haak M

Project Engineer

Attachment

cc: Teri Schopp, WisDOT Robert Pearson, WisDOT Dick Fish, RMT



## **Underground Storage Tank Abandonment**

USH 18 - Jefferson Mobil 352 East Racine Street Jefferson, Wisconsin

WisDOT ID #3080-06-71

**June 2008** 

Prepared For Wisconsin Department of Transportation

Daniel Hook

Daniel Haak Project Engineer Richard P. Fish

Vice President, Midwest Region

RMT, Inc. | Wisconsin Department of Transportation Final I:\WPMSN\PJT\00-10890\02\R001089002-001.DOC

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## **Table of Contents**

Exec	utive Summ	aryi
1.	Introduction	n
		ose and Scope
2.	Description	of the Site Activities
3.	Findings a	nd Conclusions4
4.	Recommen	dations
List o	of Tables e 1	Summary of Underground Storage Tank (UST) Sampling Results
List	of Figures	
Figu	re 1	Site Plan
List	of Appendice	S
App	endix A	Background Information
App	endix B	Tank Disposal Documentation
App	endix C	Tank Closure Checklist

Tank Inventory Forms

Site Photographs

Laboratory Analytical Report

Appendix D

Appendix E

Appendix F

## **Executive Summary**

The Wisconsin Department of Transportation (WisDOT) retained RMT, Inc. (RMT), to provide oversight and documentation of the abandonment of three underground storage tanks (USTs) that were encountered during excavations by We Energies' relocation of an underground natural gas line in advance of the planned reconstruction of U.S. Highway 18 (USH 18) (Racine Street) in Jefferson, Wisconsin. The first UST, which was encountered on January 16, 2008, was located in the USH 18 (Racine Street) right-of-way in front of the Jefferson Mobil site at 352 East Racine Street. A second UST was encountered in the right-of-way during excavations for the removal of the first UST. The third UST was encountered in the right-of-way on January 28, 2008, by WE Energies. The Wisconsin Department of Commerce's (WDCOM's) Storage Tank Database and the Department of Natural Resources' (WDNR's) Leaking Underground Storage Tank (LUST) database did not contain any data specific to the USTs. However, the Jefferson Mobil site is a closed Leaking Underground Storage Tank (LUST) site (WDNR BRRTS #03-28-001338), where in May 1991, three USTs (two 4,000-gallon and one 8,000-gallon unleaded gasoline) were removed. The WisDOT removed the USTs since they were within the right-of-way and the construction limits for the planned highway reconstruction.

On January 23, 2008, RMT and its subcontractor, Dakota Intertek Corp. (Dakota), of New Berlin, Wisconsin, mobilized to the site to abandon the first two USTs. The third UST was abandoned on January 31, 2008. During the excavation and abandonment of the USTs, some contamination was noted in the soil beneath the USTs. The tanks contained water, which had little or no product on it, and which was approved for disposal at the City of Jefferson Waste Water Treatment Plant. The USTs had rusty surfaces with holes. After the USTs were removed from the tank cavity, soil samples were collected from beneath the tanks for laboratory analysis to determine the nature of the remaining soil contamination.

Overburden soil removed during the abandonment of the USTs was used as backfill. Clean backfill was also added and compacted to bring the excavation back to grade. A temporary gravel walkway was constructed at the location of the sidewalk that was required to be removed during the UST abandonment activities.

Laboratory analytical results of the soil samples collected during the UST abandonments confirmed that low-level contamination (below NR 720 Residual Contaminant Levels) was present in the soil beneath the USTs.

Based on the confirmation sample results, no future soil or groundwater investigations or remediation is recommended for this site. Any contaminated soil that maybe encountered during excavations for the reconstruction of USH 18 will be managed in accordance with the WDNR-approved Special Provisions.

## Section 1 Introduction

## 1.1 Background

The Wisconsin Department of Transportation (WisDOT) retained RMT, Inc. (RMT), as their environmental consultant to provide construction management services and documentation of the abandonment of three underground storage tanks (USTs) that were located in front of the Jefferson Mobil at 352 East Racine Street in Jefferson, Wisconsin. The first UST was encountered on January 16, 2008, by We Energies during relocation of an underground gas line in advance of the planned reconstruction of U.S. Highway 18 (USH 18) (Racine Street). A second UST was encountered during removal of the first UST. The third UST was encountered on January 28, 2008, by WE Energies. The tanks were mostly located within the USH 18 (Racine Street) rightof-way (approximately 14-18 inches were on the Jefferson Mobil property). The Wisconsin Department of Commerce's (WDCOM's) Storage Tank Database and the Department of Natural Resources' (WDNR's) Leaking Underground Storage Tank (LUST) database did not contain any data specific to the USTs. However, the Jefferson Mobil site is a closed Leaking Underground Storage Tank (LUST) site (WDNR BRRTS# 03-28-001338), where in May 1991, three USTs (two 4,000-gallon and one 8,000-gallon unleaded gasoline) were removed. Results of previous investigations are provided in Appendix A. The USTs had a capacity of approximately 1,000 gallons each, and were likely used for the storage of gasoline, based on analytical results of confirmation samples.

On January 23 and January 31, 2008, RMT and its subcontractor, Dakota Intertek Corp. (Dakota), of New Berlin, Wisconsin, mobilized to the site to abandon the USTs.

RMT's subcontractor and site personnel for this project were as follows:

Dakota Intertek Corp.
16600 W. National Avenue
New Berlin, Wisconsin 53151
(262) 784-8844
WI LUST Remover/Cleaner Cert. Brian James (#42742)

Daniel Haak RMT, Inc. 744 Heartland Trail Madison, Wisconsin 53717 (608) 831-4444 WI LUST Site Assessor Cert. #683396

## 1.2 Purpose and Scope

The purpose of this report is to document the tank abandonments at 352 East Racine Street in Jefferson, Wisconsin. This report has been prepared in substantial conformance with Wisconsin Administrative Code, Department of Commerce (DCOM), Chapter COMM 10, "Flammable and Combustible Liquids."

# Section 2 Description of the Site Activities

On January 23, and January 31, 2008, RMT and Dakota mobilized to the site and abandoned the USTs by removal in accordance with DCOM 10. The USTs contained water, which had little or no product on it, and which was removed for off-site disposal. A total of approximately 2,800 gallons were disposed of at the City of Jefferson Waste Water Treatment Plant.

The USTs were lying north/south, perpendicular to USH 18 and in front of the Jefferson Mobil (Figure 1). The USTs were approximately 1,000 gallons in capacity each, and were constructed of single-walled steel. They had holes and rust on the surface. No piping was connected to the USTs. However, some loose piping was removed from above the USTs. The tank was cleaned and taken to a recycling center to be recycled for scrap metal (Appendix B). The tank closure checklist and tank inventory records are provided in Appendices C and D, respectively. Overburden soil excavated during the UST removals was reused for backfill.

After the USTs were removed, samples were collected from approximately 1 foot under the ends of the USTs, for field-screening with a photoionization detector (PID) and laboratory analysis for petroleum volatile organic compounds (PVOCs), gasoline range organics (GRO), and diesel range organics (DRO). Figure 1 shows the sampling locations. The results of the sampling indicated that low-level contamination was present in soil beneath the USTs. However, all laboratory analytical results were below the respective Wisconsin Administrative Code Chapter NR 720 generic Residual Contaminant Levels (RCLs) (Appendix E). The results of the sampling are summarized in Table 1.

The tank cavity was backfilled with crushed stone. A temporary gravel walkway was constructed at the location of the sidewalk that was required to be removed during the UST abandonment activities. Photographs are included in Appendix F.

# **Section 3 Findings and Conclusions**

RMT's observations and the laboratory analysis results of the soil samples indicate the following:

- Three USTs that were located in the USH 18 (Racine Street) right-of-way adjacent to Jefferson Mobil at 352 East Racine Street in Jefferson were abandoned by removal in accordance with the requirements of DCOM 10. A closure assessment was performed on the USTs.
- Low-level contamination existed in the soil beneath the USTs. Laboratory analysis results of soil samples collected below the USTs were all below the Wisconsin Administrative Code Chapter NR 720 RCLs.
- The excavation was backfilled and compacted with crushed stone.
- Groundwater was encountered during the abandonment. Groundwater quality was not evaluated because known petroleum contamination exists at the site.

# Section 4 Recommendations

Based on the results of the UST closure assessment and laboratory results, no future investigations or remediation is recommended for this site. If encountered during USH 18 reconstruction, contaminated soil will be managed in accordance with the WDNR-approved Special Provisions.

Table 1 Summary of Underground Storage Tank (UST) Sampling Results WisDOT USH 18, Jefferson, Wisconsin WisDOT ID# 3080-06-71

	NR 720			SAMPLE IDE	NTIFICATION		
PARAMETERS	RCL	NE	SE	NW	sw	3 <sup>rd</sup> UST N	3 <sup>rd</sup> .USTS
Sample depth (feet bgs)		8	8	8	8	8	8
PID		5	11	25	5	2	3
DRO (mg/kg)	100	< 1.4	25	10	4.7	< 2.2	< 2.1
GRO (mg/kg)	100	< 2.6	< 3.0	52	13	< 3.1	< 3.1
Benzene (μg/kg)	5.5	< 25	< 25	< 25	< 25	< 25	< 25
Ethylbenzene (μg/kg)	2,900	< 25	< 25	140	41 Q	< 25	< 25
Methyl tert butyl ether (μg/kg)		< 25	< 25	< 25	< 25	< 25	< 25
1,2,4-Trimethylbenzene (μg/kg)		55 Q	84	1200	290	< 25	< 25
1,3,5-Trimethylbenzene (μg/kg)		27 Q	53 Q	510	170	< 25	< 25
Toluene (μg/kg)	1,500	< 25	43 Q	59 Q	55 Q	< 25	< 25
Xylenes (total) (μg/kg)	4,100	< 75	154 Q	940	360	< 75	< 75

RCL = Wisconsin Administrative Code Chapter NR 720 generic Residual Contaminant Level.

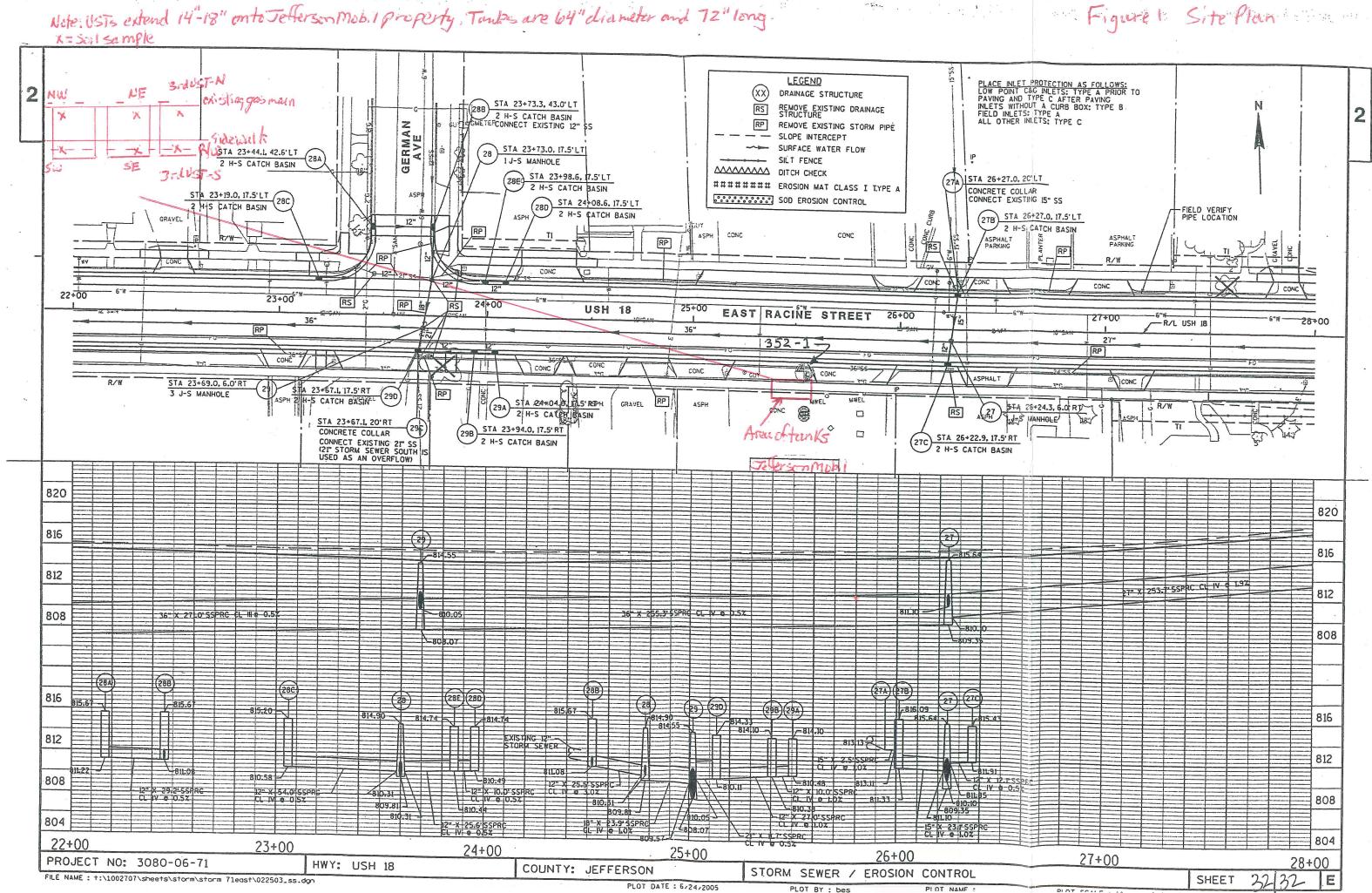
bgs = below surface grade.
PID = photoionization detector.

DRO = diesel range organics, milligrams per kilogram (mg/kg).

GRO = gasoline range organics, milligrams per kilogram (mg/kg).

-- = no RCL established.

Q = analyte detected between the Limit of Detection and Limit of Quantitation.



# Appendix A Background Information

# PHASE II ENVIRONMENTAL SITE EXPLORATION REPORT JEFFERSON MOBILE 352 EAST RACINE STREET

# EAST RACINE STREET (USH 18) RECONSTRUCTION CENTER AVENE TO 1000 FEET EAST OF KRANZ AVENUE CITY OF JEFFERSON JEFFERSON COUNTY, WISCONSIN

WisDOT Project ID 3080-06-00 SES Project Number 101.34

### Prepared By

Soils & Engineering Services, Inc. 1102 Stewart Street Madison, Wisconsin 53713-4648 phone: (608) 274-7600 facsimile: (608) 274-7511 e-mail: soils@soils.ws

Craig M. Bower, P.E.

#### Submitted To Design Consultant

R. A. Smith & Associates, Inc.
Transportation Division
Brookfield, Wisconsin 53005-5938
phone: (262) 789-1777
facsimile: (262) 786-0826
e-mail: john.elkin@rasmith.com

Mr. John Elkin, Project Manager

December 29, 2005

Boring	Sample Number	Sample Depth (feet)	SES Sample Identification
352-1	2	2 to 4	352-1-1
	5	8 to 10	352-1-2

Please refer to Tables 1 and 2 on pages 8 and 9 for a summary of the laboratory test results. Table 1 presents the description of the symbols, notes, and print styles used in Table 2. Table 2 presents the summary for the individual soil samples obtained. Table 2 includes only those compounds detected in at least one sample for each of the borings and the applicable standards established by WDNR.<sup>2</sup> A copy of the *Analytical Report* dated December 12, 2005, from CT Laboratories, Inc. is included in Appendix B.

The laboratory analyses results of the two soil samples obtained from Boring 352-1 indicated the following:

#### Boring 352-1

- O No concentration of GRO was detected for the soil sample from 2 to 4 feet of depth. A GRO concentration of 27 mg/kg was detected for the soil sample from 8 to 10 feet of depth.
- O A DRO concentration of 8.3 mg/kg was detected for the soil sample from 2 to 4 feet of depth. No concentration of DRO was detected for the soil sample from 8 to 10 feet of depth.
- No concentration of PVOC was detected for the soil sample from 2 to 4 feet of depth. Concentrations of the PVOC compounds ethylbenzene (0.18 mg/kg), 1,2,4-trimethylbenzene (0.63 mg/kg), and m-& p-xylene (0.16 mg/kg) were detected for the soil sample from 8 to 10 feet of depth.
- No concentrations of Total Cadmium were detected.
- Total Lead concentrations detected were 39.0 and 3.9 mg/kg.

#### VIII. CONCLUSIONS

Based on our review of the information collected during this Phase II Environmental Site Exploration, we offer the following comments regarding **Jefferson Mobile**.

- The property is currently used as a gasoline/convenience store.
- Perched groundwater was encountered by Boring 352-1 at elevation 807.0 feet.
- Soil Sample Results.
  - Field screening of soil samples recovered were 1.4 equivalent units of isobutylene.

Table 1: Definitions of symbols, notes, and print styles used in Table 2

	Symbols							
†	Only compounds detected in at least one sample are listed. All other compounds in the analysis scan list were not detected above the limit of detection.							
L	L Significant peaks were detected outside the chromatographic window.							
Q	2 Laboratory Control Sample outside acceptance limits.							
	A specific RCL has not been established by the WDNR.							
	Notes							
<111>	Values in brackets represent results between the LOD and the LOQ.							
<111	Values with less than sign (<) indicate a compound that was not detected above the LOD for soil.							
	Print Styles							
	Soil Samples							
1.2	indicates concentration of listed compound detected.							
1 52 /	indicates concentration of listed compound at or above RCL limit or Non-Industrial limit.							
111	indicates concentration of listed compound at or above Industrial limit.							

- O No GRO concentration was detected on the soil sample from 2 to 4 feet of depth. A trace GRO concentration was detected on the soil sample from 8 to 10 feet of depth that is below the RCL.
- O A trace DRO concentration was detected on the soil sample from 2 to 4 feet of depth that is below the RCL. No DRO concentration was detected on the soil sample from 8 to 10 feet of depth.
- O No PVOC concentration was detected on the soil sample from 2 to 4 feet of depth. Trace concentrations of PVOC compounds ethylbenzene, 1,2,4-trimethylbenzene, and m-& p-xylene were detected on the soil sample soil sample from 8 to 10 feet of depth that are below the RCL.
- O No concentration of Total Cadmium was detected for the soil samples submitted for chemical analyses.
- O Total Lead concentrations were detected for the soil samples submitted for chemical analyses that are below the Non-Ind and Ind limits.

Table 2: Summary of the chemical analyses results of soil samples.

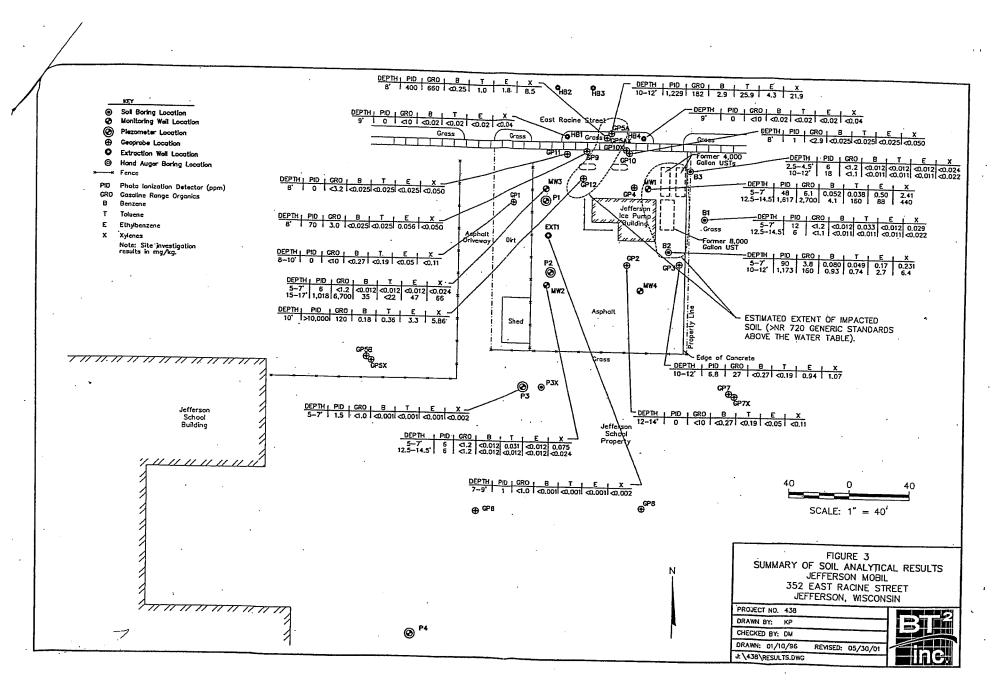
Chemical		SES Sample	Identification		
Compound †	352-1-1	352-1-2	-		
Sample Acquisition Date	11/28/2005	11/28/2005			
Laboratory Received Date	11/30/2005	11/30/2005		WDNRI	imits
Miscellaneo	us analyses. Re	sults in percent	of dry weight.		
Total Solids	82.0	86.3		<u></u>	
Moisture Content	18.0	14.3		<u>-</u>	
To	tal Metals analy	ses. Results in	ng/ <sub>kg</sub> .	Non-Ind	Ind
Lead	39.0	3.9		50	500
GRO	and DRO anal	yses. Results in	mg/ <sub>kg</sub> .	RCI	
DRO	8.3 <sup>L, Q</sup>	<2.3 <sup>L,Q</sup>		100	
GRO	<1.5	27 <sup>L</sup>		100	)
Volatile Organ	ic Compounds (	VOC) analyses.	Results in mg/kg.	RCI	<u>.                                    </u>
Ethylbenzene	<0.025	0.18		2.90	0
1,2,4-Trimethylbenzene	<0.025	0.63			
m- & p-Xylene	<0.025	0.16			
o-Xylene	<0.025	<0.025		4.10	0

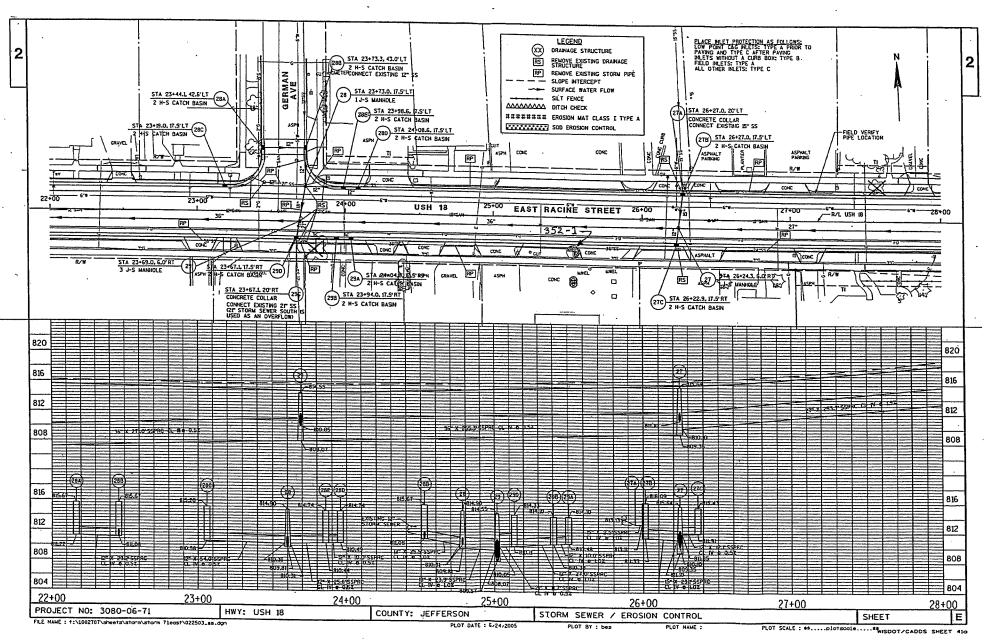
Definitions of symbols, notes, and print styles used in this table are defined above in Table 1 on page 8 and in the Definitions of Acronyms on page iii.

• Groundwater Sample Results
A sample of the perched groundwater could not be obtained due to insufficient quantity and recharge capability of the saturated soils penetrated by the boring performed.

#### IX. RECOMMENDATIONS

The information obtained for this *Phase II Environmental Site Exploration Report* indicated that the soil is contaminated with petroleum products at **Jefferson Mobile**. A trace amount of GRO and PVOC was detected in the soil sample from a depth of 8 to 10





Comment of the control of the contro



### UNDERGROUND POWER CORPORATION

Excavation Work – Environmental Services - Transportation

PO Box 373 Franksville, WI 53126 262-835-9500 fax 262-835-0977

February 4, 2008

Dan Haak RMT, Inc. 744 Heartland Trail Madison, WI 53717 Ph: 608.831.4444 Fax: 608.831.3334

Dear Mr. Haak:

Two one thousand gallon underground storage tanks which were located at 352 East Racine Street, Jefferson, WI were taken to Waukesha Steel and Iron, Waukesha, WI for dispoşal.

Tage George Underground Power Corporation

#### UNDERGROUND POWER CORPORATION

Excavation Work – Environmental Services - Transportation

PO Box 373 Franksville, WI 53126

262-835-9500 fax 262-835-0977

February 11, 2008

Dan Haak RMT, Inc. 744 Heartland Trail Madison, WI 53717 Ph: 608.831.4444 Fax: 608.831.3334

Dear Mr. Haak:

One (1) one thousand gallon underground storage tank, which was located at 352 East Racine Street, Jefferson, WI, was taken to Waukesha Steel and Iron, Waukesha, WI for disposal.

## Appendix C Tank Closure Checklist

## Complete one form for each site closure.

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

#### CHECKLIST FOR TANK CLOSURE

CHECK ONE:
UNDERGROUND
ABOVEGROUND

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

### RETURN COMPLETED CHECKLIST TO:

Wisconsin Department of Commerce ERS Division 34 46 Bureau of Petroleum Products and Tanks P.O. Box 7837 Madison, WI 53707-7837

			DO NO	/I APPLI	, CHECK II	3E 19//	A BOX					
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ERS-89	51 (R.6/05)			- CON	TINUE ON I	<b>VLX!</b>	AGE -			ì	7.	

NOTE: COMPLETE TANK LABELIN	G SHOULD INCLUDE WARNING AGA	AINST REUSE: FORMER	TK UN		لــا
CONTENTS; VAPOR STATE	; VAPOR FREEING TREATMENT; DA	TE.		. –	_
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D. CLOSURE IN PLACE	avaion to open.		יים יום	<u> </u>	
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THE DEPARTMENT OF COMMERCE	E OR LOCAL AGENT.				
1. Product from piping drained into tank	(or other container)		$\square$ Y $\square$ N		
2. Piping disconnected from tank and rer			$\square$ Y $\square$ N		· 🔲
<ol><li>All liquid and residue removed from ta</li></ol>			$\square$ Y $\square$ N		Ш
4. All pump motors and suction hoses be			Щу ЦN		ᅵ
5. Fill pipes, gauge pipes, vapor recover		other fixtures removed	$\square$ Y $\square$ N		Ш
NOTE: Refer to section E for metho					
6. Vent lines left connected until tanks pu	o vapors exit through vent.		□Y □N		H
<ol> <li>7. Ţank openings temporarily plugged so</li> <li>8. Tank atmosphere reduced to 10% of t</li> </ol>			HY HN		H
9. Tank properly cleaned to remove all sl			HY HN		H
10. Solid inert material (sand, cyclone boil			HY HN		H
11. Vent line disconnected or removed			H' H'N		H
12. Inventory form filed by owner with the			H' H'N		H
		source in place		<u></u>	
E. METHOD OF VAPOR FREEING TANK  Displacement of vapors by Eductor	r or Diffused Air Blower				
	nded and drop tube left in place; vapors	discharged minimum of 12 fe	et above arc	ound	
	ube removed. Air pressure not exceedi		or above gre	Juliu.	
☐ Inert Gas using Dry Ice or Liquid Carb					
	100 gallons of tank capacity. Dry ice cru	ished and distributed over the	greatest po	ssible tank	area.
☐ Inert Gas using CO₂ or N₂ NOTE: IN	ERT GASSES PRODUCE AN OXYGE	N DEFICIENT ATMOSPHER	E. LEL MET	TERS MAY	NOT
	NK MAY NOT BE ENTERED IN THIS S			Г.	
	ing at a point near the bottom of the tan				
	ot to exceed 5 psig to reduce static elect				
	flammable range (LEL) or 0% oxygen ol				
☐ Tank atmosphere monitored for flamm	nable of compustible vapor levels prior t	o and during cleaning and cut	ting.	•	
College a supplication and indicator or			atmaanhar.	Topkon	000
Calibrate combustible gas indicator ar	nd/or oxygen meter prior to use. Drop tu		atmosphere	e. Tank spa	ace
/`monitored at bottom, middle and uppe	nd/or oxygen meter prior to use. Drop tu				
monitored at bottom, middle and upper F. CLOSURE ASSESSMENTS	nd/or oxygen meter prior to use. Drop to or portion of tank.	ube removed prior to checking	Remover	Inspe	ctor
/monitored at bottom, middle and uppe F. CLOSURE ASSESSMENTS NOTE: DETERMINE IF A CLOSURE	nd/or oxygen meter prior to use. Drop to proper portion of tank.  ASSESSMENT IS REQUIRED BY REF	ube removed prior to checking ERRING TO COMM 10.			ctor
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Copy Distribution: White – Commerce Blue – Inspector Pink – Contractor Yellow - Owner



## Complete one form for each site closure.

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

## CHECKLIST FOR TANK CLOSURE

## CHECKONE: MUNDERGROUND ABOVEGROUND

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

## RETURN COMPLETED CHECKLIST TO:

Wisconsin Department of Commerce ERS Division Bureau of Petroleum Products and Tanks P.O. Box 7837 Madison, WI 53707-7837

									-	
A. IDENTIFICATION:	: (Please Prir	nt) Indicate whet	her closure i	s for	: 🔲 Tank Sys	tem 🔲 T	ank O	nlv [	Piping	1 Only
Site Name					Owner Name			• –		, <b>.</b>
<u> </u>					12150507"					
Site Street Address (not				Own	er Street Address					
- al aroatula					1802 Weeks	444 AL	يونورو وي <mark>و احيث</mark>	Sept.		
⊡(city	Village	☐ Town	of:		City 📙 Village	Tov	n of:	State		Code
State	Zip Code	County			Much	٠٠٠ د ٠		14.22		
WIT	17549			Cour	ny Barrel	Telepho	ne No. (i	include a	rea code)	
3. Closure Company Nar	me (print)		R (A.)		Street Address	1 (20)	<del>(</del>	157 (n = )	7-8-26	
Dolla Iv	The state of the s	r-	1			1 6				
Closure Company Teleph	one No. (include	area code)	Closure Com	nany (	City, State, Zip Code	<u></u>	<u> </u>			
(202) 780		/	Sidedic Com	party c		23/54	.!			
4. Name of Company Pe	forming Closure	Assessment	Assessment (	Compa	nny Street Address, Ci	ty State 7in (	) Codo			
ROTT	راو.		7.31 3 /54	1765	rdttad //	iy, otale, zip ( مارين	,oue	···· ;; · · · ,	, -,	
Telephone No. (include ar		ertified Assessor Nam	e (print)	Asset	ssor Signature		Assasso	r Certifica	tion No	
( 12 mg ) ( 12 mg)	1. \$1. \$1. \$1. \$	Dan Hora			e marting			339		
Tank ID #	Closure							Pilona marija		
1,	Olosure	Temp. Closure	Closure in Pla	ace	Tank Capacity	Conten	s*		ure Asses	sment
		<u> </u>			(:10)	12.7			Y	$\square$ N
2.				- 1					Y	ΠN
3								17.	Y	
4.							-			
	t Diosal Lase		<u> </u>						Y	□N
* Indicate which product Flammable/Combustil	a. Diesei, Lead	ied; Unleaded; Fu Nacto: Chamisol (in	el Oil; Gasoho	l; Avi	lation Fuel; Kerose	ne; Premix;	Waste	/Used M		
number(s)	olo i luzuldodo i	vaste, Orientical (in	dicate the che ; Other	micai	name(s)	· 1!		<del></del>	and	d CAS
	The second secon								···········	
Written notification was	provided to the	local agent 15 days	in advance of	closu	re date		🖸	·Υ	$\square$ N	
All local permits were of	nameu peloje p	eginning closure		******				·Υ	$\square$ N	□NA
Check applicable box and B. TEMPORARILY (	at right in resp	onse to all statem	ents in Sectio	ns B-	Æ.			10Ver	Inspecto	or NA
Product Removed	JOT OF SERVE	CE					<u>Ver</u>	ified	Verified	1
		: (or other container	and liquid ror	701104	I, AND		<u> </u>	, , ,		
b. All product rem	noved to bottom	of suction line OR	) and liquid let	IIDAGC	I, AND	***************	HY	ЫÑ	닐	
c. All product rem	oved to within 1	" of bottom			·····	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	HY	ЫN	님	닐
2. Fill pipe, gauge pi	pe, tank truck va	apor recovery fitting	s and vapor re	afrirn l	lines canned	*****************	HY	ΠN	님	H
S. All product lines at	t the islands or p	pumps located else	where are rem	oved:	and capped OR		H	∐N ∏N	H	H
4. Dispensers/pumps	s leπ in place bu	it locked and power	disconnected.				H	HN	님	H
o. Vent intes leπ oper	Π,	*********************			***************************************		H	ĦΝ	H	片
o. The flory form file	indicating ten	nporary-Out-Of-Sen	vice (TOS) clos	sure.			Η̈́Υ	ΠN		H
C. CLOSURE BY RE	MOVAL								*	
Product from piping	g drained into ta	ank (or other contain	ner)				ΠY	ПΝ		$\Box$
<ol> <li>riping disconnecte</li> </ol>	ed from tank and	removed					Π̈́Υ	Π̈́N	H	H
or Willidain attra legini	ne rettloked ttot	n tank using explos	ion proof pumr	os or l	nand numps		ΠŸ	ΠN	H	H
4. Vii hriiih ilinfola si	iu suction nose:	s bonded to tank or	otherwise aro	unded	i		ΠY	ΠN	Ħ	Ħ
o. riii pipes, gauge pi	pes, vapor reco	very connections, s	ubmersible pu	mps a	and other fixtures re	moved	$\square$ Y	ΠN	Ħ	Ħ
NOTE: DROP TO	BE SHOULD N	OT BE REMOVED	IF THE TANK	IS TO	BE PURGED THE	ROUGH				
6. Vent lines left conn	OF AN EDUCT									
7. Tank openings tem	porarily nludge	g hailan	ulah vont				ĽΫ́	□N		
7. Tank openings tem 8. Tank atmosphere r	educed to 10%	of the lower flamma	ugn vent	   \	o Sootion E	*************	ΗŽ	ΠN	Ц	
9. Tank removed from	excavation affa	er PURGINICANIED.	inc iaiiāe (FE)	L) - <u>86</u>	ol ground and his		ĽΫ	ΠИ		
Provent movement.	*****************						<b></b>	<b>□ L</b> 1	<u></u>	F-4
10. Tank cleaned befor	e being remove	d from site	******************************			************		ЩN	·  -	님
RS-8951 (R.6/05)	-	- COA	ITINUE ON NE	= XT =	PAGE -	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ΠY	□N	L_J	L
•		501	,,, ~ IN 18r	-/ 1 /						:

11. Tank labeled in 2" high letters after removal but before being moved from site.  NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER	ĻΥ	$\square$ N		
CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.				-
Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.      Site security is provided while the excavation is open.		∐N N		
D. CLOSURE IN PLACE				
NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF				
THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.				
Product from piping drained into tank (or other container).	$\square$ Y	$\square$ N	$\Box$	
Plping disconnected from tank and removed.	$\square$ Y	□N		
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps	$\square$ Y	$\square$ N		
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	∐у	$\square$ N		
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed	$\square$ Y	$\square$ N		
NOTE: Refer to section E for method of vapor freeing the tank  6. Vent lines left connected until tanks purged.		<b></b> .	J	_
7. Tank openings temporarily plugged so vapors exit through vent.	НX	ЩИ	님	$\vdash$
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) see Section F.	口X	□Ñ	님	님
9. Tank properly cleaned to remove all sludge and residue.	HY		님	님
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled	H		H	片
11. Vent line disconnected or removed.	Η̈́Υ	ďN	H	님
12. Inventory form filed by owner with the Department of Commerce indicating closure in place.	Η̈́Υ	ĦN	H	H
E. METHOD OF VAPOR FREEING TANK		114		
Displacement of Vapors by Eductor or Diffused Air Blower				
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12	eet abo	ve arour	d	
Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.		· · · · · · · · · · · · · · · · · · ·		
Inert Gas using Dry Ice or Liquid Carbon Dioxide				
Dry Ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the	e greate	st possi	ble tank a	ırea.
Inert Gas using CO <sub>2</sub> or N <sub>2</sub> NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHEI	RE. LEI	. METER	RS MAY N	TOV
FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opportunity.	EQUIP	MENT.		
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device	site the	vent.		
Readings of 10% or less of the lower flammable range (I.F.I.) or 0% oxygen obtained before removing tent	c from a	ound		
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ellow Owner

# Appendix D Tank Inventory Forms

TDID#:	
Reg Obj #:	

## UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Send Completed Form To:
Department of Commerce
Bureau of Petroleum Products and
Tanks
P.O. Box 7837

Madison, WI 53707-7837 Information Required By Section 101.142, Wis. Stats. 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 Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04 (1)(m)]. Fire Department providing fire This registration applies to a tank status that is (check one): coverage where tank is located: ☐ Ownership Change (Indicate Closed - Tank Removed ☐ In Use Closed - Filled with Inert Materials ☐ City ☐ Village new owner name in block 2) ☐ Newly Installed Town of: Abandoned with Product ☐ Abandon with Water ☐ Temporarily Out of Service - Provide Date: ☐ Abandoned without Product (empty) A. IDENTIFICATION (Please Print) Site Telephone Number Site Street Address 1. Tank Site Name County State Town of: WISCONSIN Telephone Number Mailing Address 2. Tank Owner Name WISDO County Zip Code State ☐ Town of: Dane Previous site address if different than #1 3. Previous Site Name Customer ID #: Facility ID #: B. Site ID #: Vehicle fueling: Yes Tank Age (age or date installed): C. Tank Capacity (gallons): LAND OWNER TYPE (check one) Refer to back ☐ Municipal ☐ Other Government ☐ Private Federal Leased ☐ Tribal Nation ☐ Federal Owned ☐ County State E. OCCUPANCY TYPE (check one) Refer to back ☐ Mercantile/Commercial ☐ Industrial Residential ☐ Terminal Storage ☐ Gov't Fleet ☐ Utility Other (specify:) UiS Agricultural (crop or livestock production) ☐ Backup or Emergency Generator **Tank Construction:** ☐ Yes 🛱 No Overfill Protection? ☐ Steel - Fiberglass Reinforced Plastic Composite X Bare Steel ☐ Coated Steel ☐ Stainless steel Spill Containment? ☐ Yes 🛮 No ☐ Lined (date): ☐ Fiberglass ☐ Unknown Other (specify): Yes 🛭 No **Tank Double Walled?** ☐ Sacrificial Anodes ☑ N/A impressed Current G. Tank Cathodic Protection: H. Primary Tank Leak Detection Method: ☐ Interstitial monitoring ☐ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Vapor monitoring Automatic tank gauging ☐ Statistical Inventory Reconciliation (SIR) Unknown Manual tank gauging (only for tanks of 1,000 gallons or less) I. Piping Construction: Bare Steel Coated Steel Stainless Steel Fiberglass Flexible Copper DI NA ☐ Other ☐ Unknown ☑ N/A Pipe Double Walled? ☐ Yes ☐ No ☐ Impressed Current J. Piping Cathodic Protection: ☐ Sacrificial Anodes K. Primary Piping System Type:  $\square$  Pressurized piping with  $\implies$  A.  $\square$  auto shutoff; B.  $\square$  alarm, or C.  $\square$  flow restrictor ☐ Unknown ☐ Not needed if waste oil ☐ Suction piping with check valve at pump and inspectable ☐ Suction piping with check valve at tank ☐ Electronic line leak monitor ☐ Tightness testing☐ Not required Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR Unknown ☐ Vapor monitoring Interstitial monitoring Groundwater monitoring Other (specify): ☐ Fiberglass ☐ Flexible M. Vapor Recovery/Stage II CARB #: ☐ Operational - Provide Date (mo./day/yr.): N. TANK CONTENTS (Current, or previous product (if tank now empty)) Premix Fuel Oil Kerosene ☐ E85 ☐ Diesel ☐ Bio-diesel ☐ Aviation Leaded Gasohol Unleaded ☐ Hazardous Waste\* ☐ Unknown ☐ Empty\* ☐ Sand/Gravel/Slurry\* ☐ Other (specify): Waste/Used Motor Oil New Motor Oil ☐ Chemical\* Name Geo Longitude: Geo Latitude: \*NOT PECFA eligible. Has a site assessment been completed? (see reverse side for details) O. If Tank Closed, Abandoned or Out of Service Yes 🔲 No Give date (mo/day/yr): Tank Owner Name (please print): 120T Misconsin Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)

€.						
TDID#	UNDERGRO		Send Completed Form To: Department of Commerce Bureau of Petroleum Products and			
FLAN	FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION					
	P.O. Box 7837 Madison, WI 53707-7837					
Underground tanks in Wisconsin that have stored is needed for each tank. Send each completed for tank by submitting a form? Yes No If y Personal information you provide may be used for second	orm to the agency designated i es. are you correcting/updating	or regulated substances mutin the top right corner. Have information only?   Yes	ist be registered. A separate form re you previously registered this			
This registration applies to a tank status that is (check	( one):		Fire Department providing fire coverage where tank is located:			
☐ Newly Installed ☐ Citos ☐ Abandoned with Product ☐ Aba	ed - Tank Removed ed - Filled with Inert Materials ndon with Water porarily Out of Service - Provide D	Ownership Change (Indicate new owner name in block 2) pate:	City Village Town of:			
A. IDENTIFICATION (Please Print)  1. Tank Site Name	Site Street Address	TE Annal	Site Telephone Number			
USH18 R/W  Right Dillage Drown of:	state of 35	Zip Code	County			
Scity ☐ Village ☐ Town of:	WISCONSIN		Jefferson			
2. Tank Owner Name	Mailing Address		Telephone Number			
WISDAT	4802 Sheboy	gan Avenue	(608) 266-7980			
City Village Town of:	State	Zip Code	County			
Madison	Previous site address if diffi	55/6/ erent than #1	Llane			
3. Previous Site Name	Fledions sife address it dim	CIGIR WAIT #				
B. Site ID #:	Facility ID #:	Custo	mer ID #:			
C. Tank Capacity (gallons): 1000	Tank Age (age or date insta	alled): UNKNOWN	Vehicle fueling: Yes No			
D. LAND OWNER TYPE (check one) Refer to bac	k ☐ Federal Owned ☐ Tribal	Nation Municipal	Other Government			
E. OCCUPANCY TYPE (check one) Refer to back Retail Fuel Sales	inal Storage	omercial ☐ Industrial [ ☐ Gov't Fleet ☐ Utility [	Residential School X Other (specify:) しょうりつ。			
F. Tank Construction:  Bare Steel		e=	erfill Protection?			
☐ Fiberglass ☐ Unknown ☐ Other (specify	/	ined (date) ·	Oouble Walled? Yes No			
G. Tank Cathodic Protection: Sacrificial And	odes	N/A Talik L	Odnie Malied: D 163 2010			
H. Primary Tank Leak Detection Method:  ☐ Automatic tank gauging ☐ Interstitial moni ☐ Manual tank gauging (only for tanks of 1,000	toring	ightness testing	rater monitoring			
I. Piping Construction: ☐ Bare Steel ☐ Coated Steel ☐ Stainless S	teel		NA Other			
J. Piping Cathodic Protection: Sacrificial A			ouble Walled? Yes No			
☐ Suction piping with check valve at tank	piping with ➡ A. ☐ auto shutof ☐ Suction piping with check valv	e at pump and inspectable	Not needed if waste oil			
L. Piping Leak Detection Method: (used if pressur Groundwater monitoring Vapor monito	ring		☐ Electronic line leak monitor ☐ Unknown			
M. Vapor Recovery/Stage II	☐ Flexible ☐ Other (sp	••	`			
Operational - Provide Date (mo./day/yr.):	Land CE Annal Comment Anna	CARB #:	2 2			
N. TANK CONTENTS (Current, or previous prod Leaded Unleaded Gasohol Waste/Used Motor Oil New Motor Oil	☐ E85 ☐ Diesel ☐ Bio-d		emix			

Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)

O. If Tank Closed, Abandoned or Out of Service Give date (mo/day/yr): 1/23/08

☐ Chemical\* Name

ER-7437 (R 11/05)

\*NOT PECFA eligible.

Tank Owner Name (please print):

Note: Refer to comments on reverse side of form.

Geo Latitude:

Date 2-12-08

CAS#:

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

Geo Longitude:

, ,		
TDID#:	UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS	Send Completed Form To: Department of Commerce Bureau of Petroleum Products and
Reg Obj #:	LIQUID STORAGE TANK REGISTRATION Information Required By Section 101.142, Wis. Stats.	Tanks P.O. Box 7837 Madison, WI 53707-7837
is needed for each tank. Send each tank by submitting a form? 🔲 Yes	at have stored or currently store petroleum or regulated substances must completed form to the agency designated in the top right corner. Have X No If yes, are you correcting/updating information only? Yes a used for secondary purposes [Privacy Law, s. 15.04 (1)(m)].	e you previously registered this
This registration applies to a tank statudin Use In Newly Installed Abandoned with Product Abandoned without Product (empty	Closed: Tank Removed: □ Ownership Change (Indicate □ Closed: Filled with Inert Materials: new owner name in block 2) □ Abandon with Water	Fire Department providing fire coverage where tank is located:  City Divillage Town of:
A. IDENTIFICATION (Please Print)  1. Tank Site Name  USH 18 R/W	Site Street Address 34 Jacent to 35 ZERacine	Site Telephone Number ( )
City Village   2. Tank Owner Name	Town of: State Zipi Code WISCONSIN	County Jefferson Telephone Number

nent providing fire nere tank is located ] Village ne Number **Vumber** County 3. Previous Site Name Previous site address if different than #1 B. Site ID #: Customer ID #: Facility ID #: C. Tank Capacity (gallons): Tank Age (age or date installed): Vehicle fueling: X Yes D. LAND OWNER TYPE (check one) Refer to back County State Federal Leased Other Government Private Federal Owned Tribal Nation E. OCCUPANCY TYPE (check one) Refer to back Retail Fuel Sales Bulk Storage Terminal Storage Mercantile/Commercial ☐ Residential Industrial ☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility Other (specify:) F. Tank Construction:

Bare Steel Coated Steel ☐ Stainless steel ☐ Steel - Fiberglass Reinforced Plastic Composite Overfill Protection? ☐ Yes 🔀 No Spill Containment? ☐ Yes 🔼 No ☐ Fiberglass ☐ Unknown Other (specify): Lined (date): G. Tank Cathodic Protection: ☐ Sacrificial Anodes Tank Double Walled? ☐ Yes 🗵 No N/A ☐ Impressed Current H. Primary Tank Leak Detection Method: ☐ Interstitial monitoring ☐ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Automatic tank gauging Vapor monitoring Manual tank gauging (only for tanks of 1,000 gallons or less) Unknown ☐ Statistical Inventory Reconciliation (SIR) I. Piping Construction: 🗗 Bare Steel 🔲 Coated Steel 🗎 Stainless Steel 🔲 Fiberglass 🔲 Flexible 🔲 Copper 🔲 Unknown 🔲 NA J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current Pipe Double Walled? ☐ Yes 🗹 No K. Primary Piping System Type: Pressurized piping with 🗎 A. 🗋 auto shutoff; B. 🗀 alarm, or C. 🗋 flow restrictor **冠** Unknown ☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil Piping Leak Detection Method: (used if pressurized or check valve at tank): Electronic line leak monitor ☐ SIR ☐ Tightness testing Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring M. Vapor Recovery/Stage II ☐ Fiberglass ☐ Flexible Other (specify): Operational - Provide Date (mo./day/yr.): CARB#: N. TANK CONTENTS (Current, or previous product (if tank now empty)) ☑ Leaded ☑ Unleaded ☑ Gasohol ☑ E85 ☑ Diesel ☑ Bio-diesel ☑ Aviation ☑ Premix ☑ Fuel Oil ☑ Kerosene ☐ Waste/Used Motor Oil ☐ New Motor Oil Hazardous Waste\* Laurknown Lampty\* Sand/Gravel/Slurry\* Other (specify) Chemical\* Name CAS#: \* NOT PECFA eligible. Geo Latitude: Geo Longitude: O. If Tank Closed, Abandoned or Out of Service Has a site assessment been completed? (see reverse side for details) Give date (mo/day/yr): 🔼 Yes 🔲 No Tank Owner Name (please print): 001 WISCONSIN Tank Owner Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)

ERS-7437 (R 11/06)

Note: Refer to comments on reverse side of form.

# Appendix E Laboratory Analytical Report



1241 Bellevue Street, Suite 9 Green Bay, WI 54302 920-469-2436, Fax: 920-469-8827

## Analytical Report Number: 892877

Client: RMT - MADISON

Lab Contact: Tod Noltemeyer

Project Name: USH18-JEFFERSON MOBIL

Project Number: 10890.02

Lab Sample Number	Field ID	Matrix	Collection Date
892877-001	NE	SOIL	01/23/08 11:50
892877-002	SE	SOIL	01/23/08 11:55
892877-003	NW	SOIL	01/23/08 12:00
892877-004	sw	SOIL	01/23/08 12:05

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. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

#### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..

nelac

Page 1 of ()

Approval Signature

Date

## Pace Analytical Services, Inc.

Analytical Report Number: 892877

1241 Bellevue Street Green Bay, WI 54302 920-469-2436

Client: RMT - MADISON

Matrix Type: SOIL

Project Name: USH18-JEFFERSON MOBIL

Collection Date: 01/23/08

Project Number: 10890.02

Report Date: 02/06/08

Field ID: NE

Lab Sample Number: 892877-001

INORGANICS							
Test	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Percent Solids	94.7				1	%	02/06/08 SM M2540G SM M2540G
							Prep Date/Time: 02/06/08 Anl By: GW
DIESEL RANGE ORGAN	ICS						Prep Date/Time: 01/30/08 12:03 PM Anl By: rc
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Diesel Range Organics	< 1.4			1.4	1	mg/kg	O 01/30/08 2:00 PM WI MOD DRO WI MOD DRO
GASOLINE RANGE ORG	ANICS						Prep Date/Time: 01/29/08 7:08 AM Anl By: PMS
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Ani Date/Time Prep Method Ani Method
Gasoline Range Organics	< 2.6			2.6	50	mg/Kg	01/30/08 5:15 PM WI MOD GRO WI MOD GRO
PVOC							Prep Date/Time: 01/29/08 7:08 AM Anl By: PMS
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
1,2,4-Trimethylbenzene	55	26	63		50	ug/Kg	Q 01/30/08 5:15 PM SW846 5030B SW846 8021B
1,3,5-Trimethylbenzene	27 ′	26	63		50	ug/Kg	Q 01/30/08 5:15 PM SW846 5030B SW846 8021B
Benzene	< 25	25	60		50	ug/Kg	01/30/08 5:15 PM SW846 5030B SW846 8021B
Ethylbenzene	< 25	25	60		50	ug/Kg	01/30/08 5:15 PM SW846 5030B SW846 8021B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg	01/30/08 5:15 PM SW846 5030B SW846 8021B
Toluene	< 25	25	60		50	ug/Kg	01/30/08 5:15 PM SW846 5030B SW846 8021B
Xylene, m + p	< 50	50	120		50	ug/Kg	01/30/08 5:15 PM SW846 5030B SW846 8021B
Xylene, o	< 25	25	60		50	ug/Kg	01/30/08 5:15 PM SW846 5030B SW846 8021B
Surrogate		LCL	UCL				
a,a,a-Trifluorotoluene	105	80	119		1	%	01/30/08 SW846 5030B SW846 8021E

## Pace Analytical Services, Inc.

## Analytical Report Number: 892877

1241 Bellevue Street Green Bay, WI 54302 920-469-2436

Client: RMT - MADISON

Project Name: USH18-JEFFERSON MOBIL

Project Number: 10890.02

Field ID: SE

Matrix Type: SOIL

Collection Date: 01/23/08

Report Date: 02/06/08

Lab Sample Number: 892877-002

INORGANICS							
Test	Result	LOD	LOQ	EQL	Dil.	Units	Code Ani Date/Time Prep Method Ani Method
Percent Solids	84.5				1	%	02/06/08 SM M2540G SM M2540G
							Prep Date/Time: 02/06/08 Anl By: GW
DIESEL RANGE ORGANIC	s						Prep Date/Time: 01/30/08 12:03 PM Anl By: rc
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Diesel Range Organics	25			1.6	1	mg/kg	O 01/30/08 6:53 PM WI MOD DRO WI MOD DRO
GASOLINE RANGE ORGA	NICS						Prep Date/Time: 01/29/08 7:08 AM Anl By: PMS
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Gasoline Range Organics	< 3.0			3.0	50	mg/Kg	01/30/08 5:40 PM WI MOD GRO WI MOD GRO
PVOC							Prep Date/Time: 01/29/08 7:08 AM Anl By: PMS
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
1,2,4-Trimethylbenzene	84	30	71		50	ug/Kg	01/30/08 5:40 PM SW846 5030B SW846 8021B
1,3,5-Trimethylbenzene	53	30	71		50	ug/Kg	Q 01/30/08 5:40 PM SW846 5030B SW846 8021B
Benzene	< 25	25	60		50	ug/Kg	01/30/08 5:40 PM SW846 5030B SW846 8021B
Ethylbenzene	< 25	25	60		50	ug/Kg	01/30/08 5:40 PM SW846 5030B SW846 8021B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg	01/30/08 5:40 PM SW846 5030B SW846 8021B
Toluene	43	30	71		50	ug/Kg	Q 01/30/08 5:40 PM SW846 5030B SW846 8021B
Xylene, m + p	110	59	140		50	ug/Kg	Q 01/30/08 5:40 PM SW846 5030B SW846 8021B
Xylene, o	44	30	71		50	ug/Kg	Q 01/30/08 5:40 PM SW846 5030B SW846 8021B
Surrogate		LCL	UCL				
a,a,a-Trifluorotoluene	105	80	119		1	%	01/30/08 SW846 5030B SW846 8021E

## Pace Analytical Services, Inc.

Analytical Report Number: 892877

1241 Bellevue Street Green Bay, WI 54302 920-469-2436

Matrix `

Matrix Type: SOIL Collection Date: 01/23/08

Report Date: 02/06/08 Lab Sample Number: 892877-003

Client: RMT - MADISON
Project Name: USH18-JEFFERSON MOBIL

Project Number: 10890.02

Field ID: NW

And the second s		-					
INORGANICS							
Test	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Percent Solids	90.6				1	%	02/06/08 SM M2540G SM M2540G
							Prep Date/Time: 02/06/08 Anl By: GW
DIESEL RANGE ORGANICS							Prep Date/Time: 01/30/08 12:03 PM Ani By: rc
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Diesel Range Organics	10			1.6	1	mg/kg	01/30/08 6:27 PM WI MOD DRO WI MOD DRO
GASOLINE RANGE ORGANI	cs						Prep Date/Time: 01/29/08 7:08 AM Anl By: PMS
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Gasoline Range Organics	52			2.8	50	mg/Kg	01/30/08 6:31 PM WI MOD GRO WI MOD GRO
PVOC							Prep Date/Time: 01/29/08 7:08 AM Ani By: PMS
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
1,2,4-Trimethylbenzene	1200	28	66		50	ug/Kg	01/30/08 6:31 PM SW846 5030B SW846 8021B
1,3,5-Trimethylbenzene	510	28	66		50	ug/Kg	01/30/08 6:31 PM SW846 5030B SW846 8021B
Benzene	< 25	25	60		50	ug/Kg	01/30/08 6:31 PM SW846 5030B SW846 8021B
Ethylbenzene	140	28	66		50	ug/Kg	01/30/08 6:31 PM SW846 5030B SW846 8021B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg	01/30/08 6:31 PM SW846 5030B SW846 8021B
Toluene	59	28	66		50	ug/Kg	Q 01/30/08 6:31 PM SW846 5030B SW846 8021B
Xylene, m + p	600	55	130		50	ug/Kg	01/30/08 6:31 PM SW846 5030B SW846 8021B
Xylene, o	340	28	66		50	ug/Kg	01/30/08 6:31 PM SW846 5030B SW846 8021B
Surrogate		LCL	UCL				
a,a,a-Trifluorotoluene	107	80	119		1	%	01/30/08 SW846 5030B SW846 8021

## Pace Analytical Services, Inc.

## Analytical Report Number: 892877

1241 Bellevue Street Green Bay, WI 54302 920-469-2436

Client: RMT - MADISON

Project Name: USH18-JEFFERSON MOBIL

Project Number: 10890.02

Field ID: SW

Matrix Type: SOIL

Collection Date: 01/23/08

Report Date: 02/06/08

Lab Sample Number: 892877-004

INORGANICS							
Test	Result	LOD	LOQ	EQL	Dil.	Units	Code Ani Date/Time Prep Method Ani Method
Percent Solids	91.8				1	%	02/06/08 SM M2540G SM M2540G
							Prep Date/Time: 02/06/08 Anl By: GW
DIESEL RANGE ORGANICS	S						Prep Date/Time: 01/30/08 12:03 PM Anl By: rc
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Ani Date/Time Prep Method Ani Method
Diesel Range Organics	4.7			1.5	1	mg/kg	O 01/30/08 6:00 PM WI MOD DRO WI MOD DRO
GASOLINE RANGE ORGAN	NICS						Prep Date/Time: 01/29/08 7:08 AM Anl By: PMS
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Gasoline Range Organics	13			2.7	50	mg/Kg	01/30/08 6:05 PM WI MOD GRO WI MOD GRO
PVOC							Prep Date/Time: 01/29/08 7:08 AM Anl By: PMS
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
1,2,4-Trimethylbenzene	290	27	65		50	ug/Kg	01/30/08 6:05 PM SW846 5030B SW846 8021E
1,3,5-Trimethylbenzene	170	27	65		50	ug/Kg	01/30/08 6:05 PM SW846 5030B SW846 8021E
Benzene	< 25	25	60		50	ug/Kg	01/30/08 6:05 PM SW846 5030B SW846 8021B
Ethylbenzene	41	27	65		50	ug/Kg	Q 01/30/08 6:05 PM SW846 5030B SW846 8021E
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg	01/30/08 6:05 PM SW846 5030B SW846 8021B
Toluene	55	27	65		50	ug/Kg	Q 01/30/08 6:05 PM SW846 5030B SW846 8021E
Xylene, m + p	250	54	130		50	ug/Kg	01/30/08 6:05 PM SW846 5030B SW846 8021E
Xylene, o	110	27	65		50	ug/Kg	01/30/08 6:05 PM SW846 5030B SW846 8021B
Surrogate		LCL	UCL				
a,a,a-Trifluorotoluene	106	80	119		1	%	01/30/08 SW846 5030B SW846 8021

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

Lab Number	TestGroupID	Field ID	Comment
892877-002	DRO-S	SE	Front eluting peaks and late eluting hump were present in the chromatogram.
892877-003	DRO-S	NW	Front eluting peaks and late eluting hump were present in the chromatogram.
892877-003	GRO-S-ME	NW	Late eluting peaks were present outside the window of analysis.
892877-004	DRO-S	SW	Front eluting peaks and late eluting hump were present in the chromatogram.
892877-004	GRO-S-ME	sw	Late eluting peaks were present outside the window of analysis.

### **Qualifier Codes**

Flag	Applies	To	Explanation
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Flag	Applies To	Explanation
A	Inorganic	Analyte is detected 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.
В	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
В	Organic	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.
С	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
Ε	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
Ε	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
Н	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
Ν	All	Spiked sample recovery not within control limits.
0	Organic	Sample received overweight.
Р	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	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	Organic	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	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

## Analysis Summary by Laboratory

1241 Bellevue Street Green Bay, WI 54302

Test Group Name	892877-001	892877-002	892877-003	892877-004
est Group Name DIESEL RANGE ORGANICS				4 B
GASOLINE RANGE ORGANICS	G			G
PERCENT SOLIDS	В	В	В	В
PVOC	G	G	G	G

Code	WI Certification
В	405132750 / DATCP: 105-444
_	405133750

### **QC Summary**

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

Lab Sample ID

SD2406-005MB

SD2406-005MBLCS

SD2406-005MBLCSD

Batch:

892877

Lab Section:

DIESEL

QC Batch Number: 28488

Prep Method:

WI MOD DRO

Analytical Method: WI MOD DRO

Client Sample ID

Lab Sample ID

MB ID

Client Sample ID

Lab Sample ID

MB ID

MB

Client Sample ID

SD2406-005MB

SD2406-005MBLCS

SD2406-005MBLCSD

ΝE NW 892877-001 892877-003

MB MB SE SW 892877-002 892877-004

QC Type

MB

LCS

LCSD

MB

: :	Method Blank	LCS		LCSD		LCS/ LCSD	Con	S/LCSD trol Limits	Parent	Parent	MS	1		MSD	! !		MS/ MSD	Co	MS/MS ntrol Li	-
Test Name	Result Conc	Spiked Conc	LCS Recovery Conc % (	Spiked Conc	LCSD Recovery Conc % C		1	UCL RF	D Sample	Result Conc	Spiked Conc		covery % C	Spiked Conc	MSD F	Recovery %	RPD C %	LCL C %	UCL %	RPD %
Diesel Range Organics	< 0.84	25.0	23.6 94	25.0	21.7 87	8.5	70	120   2	)	<del>                                     </del>	-	- [	- [		- :	-	-	-		

Report Date: 2/6/2008

#### **QC Summary**

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

Lab Sample ID

GG2353-83MB

GG2353-83MBLCS

GG2353-83MBLCSD

Batch:

892877

Lab Section:

GAS

QC Batch Number: 28457 Prep Method:

Analytical Method: SW846 8021B

SW846 5030B

Client Sample ID

Lab Sample ID

MB ID

Client Sample ID

Lab Sample ID

MB ID

Client Sample ID

GG2353-83MBLCS

GG2353-83MBLCSD

GG2353-83MB

ΝE NW

ō

892877-001 892877-003 MB MB SE SW 892877-002 892877-004

QC Type

MB

LCS

LCSD

MB MB

	: 1	Method Blank	LCS			LCSD			LCS		CS/LCS	mits	Parent	Parent	MS			MSD			MS/	C	MS/MS	
Test Name		Result Conc	Spiked Conc	LCS R Conc	ecovery % (	Spiked C Conc	LCSD F	Recover %	y RPE	,	UCL %	RPD %	Sample Number	Result Conc	Spiked	MS R Conc	ecovery % (	Spiked Conc	MSD Conc	Recovery % (	,	LCL C %	UCL %	RPD %
1,2,4-Trimethylbenzene	<	25	1000.0	1124.8	112	1000.0	1132.3	113	0.7	85	122	20	-	-	[	i –	-		_			-	-	
1,3,5-Trimethylbenzene	<	25	1000.0	1146.9	115	1000.0	1154.8	115	0.7	85	123	20		<del>  -</del>			- 1	-			-		T -	
Benzene	<	25	1000.0	1036	104	1000.0	1038.6	104	0.3	85	115	20			Ţ	!		_	_	· ;		·	Ī -	
Ethylbenzene	<	25	1000.0	1096.4	110	1000.0	1106.3	111	0.9	85	118	20	-		Ī —		-	-		-			-	
Gasoline Range Organics	<	1.3	10	8.7	87	10	8.4	84	2.5	80	120	20		- I	-		-						_	****
Methyl-tert-butyl-ether	<	25	1000	960.6	96	1000	958.9	96	0.2	84	116	20									-		T -	
Toluene	<	25	1000.0	1073.5	107	1000.0	1078.5	108	0.5	. 85	117	20							_				-	
Xylene, m + p	<	25	2000.0	2164.9	108	2000.0	2182	109	0.8	85	119	20					-			-			-	
Xylene, o	<	25	1000.0	1067.4	107	1000.0	1075.9	108	0.8	. 85	119	20	<u> </u>		<u> </u>				<del>-</del>				<b>—</b>	
a,a,a-Trifluorotoluene		102%	·		104	<u> </u>		105		80	119	-		-			-	<u> </u>				-	1-	

Conc = mg/Kg unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

Report Date: 2/6/2008

QC Batch Number: 28457

#### Sample Condition Upon Receipt Project # 892877 Client Name: RMT Courier: Fed Ex UPS USPS Client Commercial Pace Other Tracking #: no yes 🔲 no Seals intact: Custody Seal on Cooler/Box Present: `∏Bubble Bags ☐ None Packing Material: Bubble Wrap Other Samples on ice, cooling process has begun Type of Ice: Wet Blue Thermometer Used Date and Initials of person examining contents: (-25-08 Biological Tissue is Frozen: Yes No Cooler Temperature Comments: 1-25-08 Temp should be above freezing to 6°C QYes □No □N/A 1 Chain of Custody Present: `QYes □No □n/a Chain of Custody Filled Out: □Yes □No □N/A Chain of Custody Relinquished: ☐Yes ☐No □N/A Sampler Name & Signature on COC: ☐Yes ☐No Samples Arrived within Hold Time: □Yes ဩNo Short Hold Time Analysis (<72hr): □N/A □Yes □Qo Rush Turn Around Time Requested: □n/a Yes □No □N/A Sufficient Volume: Yes UNo □N/A 9. Correct Containers Used: DYes □No □N/A -Pace Containers Used: Yes □No □N/A 10. Containers Intact: ☐Yes ☐No A/MED 11. Filtered volume received for Dissolved tests 'QYes □No □n/a 12. Sample Labels match COC: -Includes date/time/ID/Analysis All containers needing preservation have been checked. □Yes □No AWD 13. All containers needing preservation are found to be in □Yes □No compliance with EPA recommendation. Initial when Lot # of added ☐Yes ☐No preservative exceptions: VOA, coliform, TOC, O&G, WI-DRO (water) completed ☐Yes ☐No AMZ Samples checked for dechlorination: □Yes ဩŅo □N/A Headspace in VOA Vials ( >6mm): ☐Yes ☐No AVA☑ Trip Blank Present: NÀ/□ ☐Yes ☐No Trip Blank Custody Seals Present Pace Trip Blank Lot # (if purchased): Y / N Field Data Required? Client Notification/ Resolution: Date/Time: Person Contacted: rec'd Comments/Resolution: DRO 120 Lunu

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

Project Manager Review:

Date:

(Please Print Clearly) **UPPER MIDWEST REGION** Page MN: 612-607-1700 WI: 920-469-2436 Company Name: Face Analytical 013071 Branch/Location: COC No. Project Contact: Quote #: CHAIN OF CUSTODY Phone: **Mail To Contact:** Project Number: Mail To Company: B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other Project Name: Mail To Address: FILTERED? Madison, LIT 537/7 Project State: Y/N (YES/NO) PRESERVATION Pick A Sampled By (Print): **Invoice To Contact:** Letter (CODE)\* Sampled By (Sign): Invoice To Company: Requested PYNCC, Regulatory PO #: Invoice To Address: Program: **Data Package Options** Matrix Codes MS/MSD (billable) W = Water On your sample Analyses F B = Biota DW = Drinking Water ☐ EPA Level III (billable) GW = Ground Water 68 831 4444 C = Charcoal Invoice To Phone: NOT needed on O = Oil SW = Surface Water EPA Level IV S = Soil WW-= Waste Water your sample LAB COMMENTS **CLIENT** Profile # WP = Wipe COLLECTION PACE LAB# **CLIENT FIELD ID COMMENTS** (Lab Use Only) MATRIX DATE TIME -40ml 2-402 001 002 003 A MAN 1210 004 147. Date/Time: PACE Project No. Rush Turnaround Time Requested - Prelims Received By: Relinquished By: (Rush TAT subject to approval/surcharge) Date Needed: 10:86 Transmit Prelim Rush Results by (complete what you want): Receipt Temp = domohach & retine com Date/Time: Email #1: Relinquished By: 1355 1-25-08 Sample Receipt pH Email #2: OK / Adjusted Telephone: Relinquished By: Received By: Date/Time: **Cooler Custody Seal** Fax: Present / Not Present Received By: Samples on HOLD are subject to Relinquished By: Date/Time: Date/Time: Intact / Not Intact special pricing and release of liability



1241 Bellevue Street, Suite 9 Green Bay, WI 54302 920-469-2436, Fax: 920-469-8827

#### Analytical Report Number: 893064

Client: RMT - MADISON

Lab Contact: Tod Noltemeyer

Project Name: USH18 - JEFFERSON MOBIL

Project Number: 10890.03

Lab Sample Number	Field ID	Matrix	Collection Date
893064-001	3RD UST-N	SOIL	01/31/08 10:25
893064-002	3RD UST-S	SOIL	01/31/08 10:30

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. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the

#### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..



Approval Signature

Page 1 of

a,a,a-Trifluorotoluene

Analytical Report Number: 893064

1241 Bellevue Street Green Bay, WI 54302 920-469-2436

Client: RMT-MADISON

Project Name: USH18 - JEFFERSON MOBIL

Project Number: 10890.03

Field ID: 3RD UST-N

Matrix Type: SOIL

Lab Sample Number: 893064-001

Collection Date: 01/31/08

Report Date: 02/12/08

**INORGANICS** Dil. Units Code Anl Date/Time Prep Method Ani Method Result LOD LOQ EQL Test SM M2540G SM M2540G % 02/06/08 Percent Solids 81.5 Prep Date/Time: 02/05/08 Ani By: GW Prep Date/Time: 02/07/08 7:09 AM Anl By: rc DIESEL RANGE ORGANICS Prep Method Anl Method Code Anl Date/Time Dil. Units LOD LOQ EQL Analyte Result 02/07/08 6:38 PM WI MOD DRO WI MOD DRO < 2.2 2.2 1 mg/kg Diesel Range Organics Prep Date/Time: 02/06/08 6:44 AM Anl By: SES **GASOLINE RANGE ORGANICS** Prep Method Anl Method Code Anl Date/Time Analyte Result LOD LOQ **EQL** Dil. Units WI MOD GRO WI MOD GRO 02/06/08 5:08 PM 3.1 50 mg/Kg < 3.1 Gasoline Range Organics Prep Date/Time: 02/06/08 6:44 AM Anl By: SES **PVOC** Prep Method Ani Method LOQ **EQL** Dil. Units Code Anl Date/Time LOD Analyte Result SW846 5030B SW846 8021B ug/Kg 02/06/08 5:08 PM 1,2,4-Trimethylbenzene < 25 25 60 50 SW846 5030B SW846 8021B < 25 25 60 50 ug/Kg 02/06/08 5:08 PM 1,3,5-Trimethylbenzene SW846 5030B SW846 8021B 25 60 50 ug/Kg 02/06/08 5:08 PM Benzene < 25 02/06/08 5:08 PM SW846 5030B SW846 8021B 25 60 50 ug/Kg Ethylbenzene < 25 60 50 ug/Kg 02/06/08 5:08 PM SW846 5030B SW846 8021B < 25 25 Methyl-tert-butyl-ether 50 02/06/08 5:08 PM SW846 5030B SW846 8021B ug/Kg < 25 25 60 Toluene SW846 5030B SW846 8021B 50 120 50 ug/Kg 02/06/08 5:08 PM < 50 Xylene, m + p 02/06/08 5:08 PM SW846 5030B SW846 8021B 25 60 50 ug/Kg < 25 Xylene, o LCL UCL Surrogate SW846 5030B SW846 8021B

1

%

02/06/08

101

80

119

## Analytical Report Number: 893064

1241 Bellevue Street Green Bay, WI 54302 920-469-2436

Client: RMT-MADISON

Project Name: USH18 - JEFFERSON MOBIL

Project Number: 10890.03

Field ID: 3RD UST-S

Matrix Type: SOIL

Collection Date: 01/31/08

Report Date: 02/12/08

Lab Sample Number: 893064-002

INORGANICS							
Test	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Percent Solids	81.7				1	%	02/06/08 SM M2540G SM M2540G
							Prep Date/Time: 02/05/08 Anl By: GW
DIESEL RANGE ORGANI	cs						Prep Date/Time: 02/07/08 7:09 AM Anl By: rc
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Diesel Range Organics	< 2.1			2.1	1	mg/kg	02/07/08 7:04 PM WI MOD DRO WI MOD DRO
GASOLINE RANGE ORGA	ANICS						Prep Date/Time: 02/06/08 6:44 AM Ani By: SES
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
Gasoline Range Organics	< 3.1			3.1	50	mg/Kg	02/06/08 5:34 PM WI MOD GRO WI MOD GRO
PVOC							Prep Date/Time: 02/06/08 6:44 AM Anl By: SES
Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date/Time Prep Method Anl Method
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg	02/06/08 5:34 PM SW846 5030B SW846 8021
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg	02/06/08 5:34 PM SW846 5030B SW846 8021
Benzene	< 25	25	60		50	ug/Kg	02/06/08 5:34 PM SW846 5030B SW846 8021
Ethylbenzene	< 25	25	60		50	ug/Kg	02/06/08 5:34 PM SW846 5030B SW846 8021
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg	02/06/08 5:34 PM SW846 5030B SW846 8021
Toluene	< 25	25	60		50	ug/Kg	02/06/08 5:34 PM SW846 5030B SW846 8021
Xylene, m + p	< 50	50	120		50	ug/Kg	02/06/08 5:34 PM SW846 5030B SW846 8021
Xylene, o	< 25	25	60		50	ug/Kg	02/06/08 5:34 PM SW846 5030B SW846 8021
Surrogate		LCL	UCL				
a,a,a-Trifluorotoluene	102	80	119		1	%	02/06/08 SW846 5030B SW846 802

#### **Qualifier Codes**

Inorganic Inorga	entrations in the sample and detection limit. Additionally,
Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method method blank acceptance may be based on project specific criteria or determined from analyte concare evaluated on a sample by sample basis.  All Elevated detection limit.  All Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.  Estimated concentration due to matrix interferences. During the metals analysis the serial dilution for control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a plobserved.  Analyte concentration exceeds calibration range.  Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Mobern confirmed by and reported from an alternate method.  Grganic Surrogate results outside control criteria.  The result is estimated because the concentration is less than the lowest calibration standard conce calibration. The method detection limit is less than the reporting limit specified for this project.  Here Inorganic This test is considered a field parameter, and the recommended holding time.  Concentration detected equal to or greater than the method detection limit but less than the reporting Detection limit may be elevated due to the presence of an unrequested analyte.  All Elevated detection limit due to low sample volume.  Sample pH was greater than 2  Spiked sample recovery not within control limits.  Sample received overweight.  The relative percent difference between the limit of detection (LOD) and limit of quantitation (LOQ). to the uncertainty of analyte concentrations within this range.  The relative percent difference between quantitation and confirmation columns exceeds internal quantitation and confir	detection limit. Additionally, entrations in the sample and
method blank acceptance may be based on project specific criteria or determined from analyte conc are evaluated on a sample by sample basis.  All Elevated detection limit.  All Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.  Inorganic Estimated concentration due to matrix interferences. During the metals analysis the serial dilution far control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a plobserved.  Organic Analyte concentration exceeds calibration range.  Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Notes) been confirmed by and reported from an alternate method.  Organic Surrogate results outside control criteria.  All The result is estimated because the concentration is less than the lowest calibration standard conce calibration. The method detection limit is less than the reporting limit specified for this project.  All Preservation, extraction or analysis performed past holding time.  All Concentration detected a field parameter, and the recommended holding time is 15 minutes from col performed in the laboratory beyond the recommended holding time.  All Concentration detected equal to or greater than the method detection limit but less than the reporting Detection limit may be elevated due to the presence of an unrequested analyte.  Elevated detection limit due to low sample volume.  Sample pH was greater than 2  All Spiked sample received overweight.  Organic Sample preceived overweight.  Organic The relative percent difference between the limit of detection (LOD) and limit of quantitation (LOQ), to the uncertainty of analyte concentrations within this range.  The relative percent difference between quantitation and confirmation columns exceeds internal quantitation the result is unconfirmed, it has been reported as a non-detect with an elevated detection limi	detection limit. Additionally, entrations in the sample and
All Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.  Inorganic Estimated concentration due to matrix interferences. During the metals analysis the serial dilution far control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a plobserved.  Organic Inorganic Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Nonganic Surrogate results outside control criteria.  All The result is estimated because the concentration is less than the lowest calibration standard conce calibration. The method detection limit is less than the reporting limit specified for this project.  Preservation, extraction or analysis performed past holding time.  This test is considered a field parameter, and the recommended holding time is 15 minutes from cole performed in the laboratory beyond the recommended holding time.  Concentration detected equal to or greater than the method detection limit but less than the reporting Detection limit may be elevated due to the presence of an unrequested analyte.  All Elevated detection limit due to low sample volume.  Sample pH was greater than 2  All Spiked sample recovery not within control limits.  Sample received overweight.  The relative percent difference between the limit of detection (LOD) and limit of quantitation (LOQ), to the uncertainty of analyte concentrations within this range.  The relative percent difference between quantitation and confirmation columns exceeds internal quantite result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.  All The analyte was not detected at or above the reporting limit.	
Estimated concentration due to matrix interferences. During the metals analysis the serial dilution fare control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a plobserved.  Organic Analyte concentration exceeds calibration range.  Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Molecular Department).  Organic Surrogate results outside control criteria.  All The result is estimated because the concentration is less than the lowest calibration standard conce calibration. The method detection limit is less than the reporting limit specified for this project.  Preservation, extraction or analysis performed past holding time.  This test is considered a field parameter, and the recommended holding time is 15 minutes from col performed in the laboratory beyond the recommended holding time.  Organic Detection limit may be elevated due to the presence of an unrequested analyte.  Elevated detection limit due to low sample volume.  Sample pH was greater than 2  Spiked sample recovery not within control limits.  Organic Sample received overweight.  The relative percent difference between the limit of detection (LOD) and limit of quantitation (LOQ). to the uncertainty of analyte concentrations within this range.  All The analyte has been detected between quantitation and confirmation columns exceeds internal quantitation and process the properties with an elevated detection limit.  All The analyte was not detected at or above the reporting limit.	
control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a plobserved.  Organic Analyte concentration exceeds calibration range.  Inorganic Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Morganic Surrogate results outside control criteria.  All The result is estimated because the concentration is less than the lowest calibration standard conce calibration. The method detection limit is less than the reporting limit specified for this project.  All Preservation, extraction or analysis performed past holding time.  Finorganic This test is considered a field parameter, and the recommended holding time is 15 minutes from col performed in the laboratory beyond the recommended holding time.  Concentration detected equal to or greater than the method detection limit but less than the reporting Detection limit may be elevated due to the presence of an unrequested analyte.  All Elevated detection limit due to low sample volume.  Sample pH was greater than 2  All Spiked sample recovery not within control limits.  Organic Sample received overweight.  The relative percent difference between the limit of detection (LOD) and limit of quantitation (LOQ). to the uncertainty of analyte concentrations within this range.  Organic The relative percent difference between quantitation and confirmation columns exceeds internal quantite result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.  All The analyte was not detected at or above the reporting limit.	
Inorganic  Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 M been confirmed by and reported from an alternate method.  Organic  Surrogate results outside control criteria.  The result is estimated because the concentration is less than the lowest calibration standard conce calibration. The method detection limit is less than the reporting limit specified for this project.  Preservation, extraction or analysis performed past holding time.  This test is considered a field parameter, and the recommended holding time is 15 minutes from col performed in the laboratory beyond the recommended holding time.  Concentration detected equal to or greater than the method detection limit but less than the reporting Detection limit may be elevated due to the presence of an unrequested analyte.  All Elevated detection limit due to low sample volume.  Sample pH was greater than 2  Spiked sample recovery not within control limits.  Sample received overweight.  The relative percent difference between the two columns for detected concentrations was greater than the analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The relative percent difference between quantitation and confirmation columns exceeds internal quantities result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.  All The analyte was not detected at or above the reporting limit.  All Sample received with headspace.	on the ICP or 100 times the
Deen confirmed by and reported from an alternate method.  Surrogate results outside control criteria.  The result is estimated because the concentration is less than the lowest calibration standard conce calibration. The method detection limit is less than the reporting limit specified for this project.  All Preservation, extraction or analysis performed past holding time.  This test is considered a field parameter, and the recommended holding time is 15 minutes from col performed in the laboratory beyond the recommended holding time.  Concentration detected equal to or greater than the method detection limit but less than the reporting Detection limit may be elevated due to the presence of an unrequested analyte.  All Elevated detection limit due to low sample volume.  Sample pH was greater than 2  Spiked sample recovery not within control limits.  Organic Sample received overweight.  The relative percent difference between the two columns for detected concentrations was greater the All The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). to the uncertainty of analyte concentrations within this range.  The relative percent difference between quantitation and confirmation columns exceeds internal quantities result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.  All The analyte was not detected at or above the reporting limit.	
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the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.  The analyte was not detected at or above the reporting limit.  Sample received with headspace.	
All Sample received with headspace.	lity control criteria. Because
الاسكال A second aliquot of sample was analyzed from a container with headspace.	
All See Sample Narrative.	T II 1 014/0.40
Organics This compound was separated in the CCV standard but it did not meet the resolution criteria as set	torth in SVV846.
All Laboratory Control Spike recovery not within control limits.	
All Precision not within control limits.	l
Inorganic The sample result is greater than four times the spike level: therefore, the percent recovery is not ex	/aluated.
The analyte was not detected at or above the reporting limit.	
Inorganic Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision	
Inorganic Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision	on criteria.
Inorganic BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.	est prostical to reapply a and
Inorganic BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is retry to correct the deficiency.	
Inorganic BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for the reanalyze and try to correct the deficiency.	
BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this tes and try to correct the deficiency.	t, it is not practical to realial
7 Inorganic BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this reanalyze and try to correct the deficiency.	test it is not practical to
Inorganic Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time	
Inorganic Sample was received with insufficient preservation. Acid was added either at the time of receipt or a preparation.	e of sample preparation.

## Analysis Summary by Laboratory

1241 Bellevue Street Green Bay, WI 54302

Test Group Name	4	893064-002
DIESEL RANGE ORGANICS		
GASOLINE RANGE ORGANICS	G	G
PERCENT SOLIDS	В	В
PVOC	G	G

Code	WI Certification
В	405132750 / DATCP: 105-444
G	405132750

#### **QC Summary**

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

Lab Sample ID

SD2406-008MB

SD2406-008MBLCS

SD2406-008MBLCSD

Batch:

893064

Lab Section:

DIESEL

Prep Method:

QC Batch Number: 28666 WI MOD DRO

Analytical Method: WI MOD DRO

Client Sample ID 3RD UST-N

Lab Sample ID 893064-001 MB

MB ID

Client Sample ID 3RD UST-S

Lab Sample ID

QC Type

MB

LCS

LCSD

893064-002

MB ID MB

Client Sample ID

SD2406-008MB

SD2406-008MBLCS

SD2406-008MBLCSD

	Method Blank	LCS			10	CSD			LCS	/   c	LCS/LC		Parent	Parent	MS			MSD			MS/ MSD	1	MS/MS ontrol Li	- 1
Test Name	Result Conc	Spiked Conc	LCS R	Recover	S		LCSD F	Recovery % C	1	- 1	L UCL	. RPD %	Sample Number	Result Conc	Spiked Conc	MS R Conc	ecovery % (	Spiked Conc	MSD I Conc	Recovery % C	RPD %	LCL %	UCL %	RPD %
Diesel Range Organics	< 0.84	25.0	19.6	78	, 1	25.0	25.4	102	26.0	50	150	40	_				<u> </u>			-				

### **QC Summary**

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

Lab Sample ID

GG2353-92MB

GG2353-92MBLCS

GG2353-92MBLCSD

Batch:

893064

Lab Section:

GAS

QC Batch Number: 28636

Prep Method:

SW846 5030B

Analytical Method: SW846 8021B

Client Sample ID 3RD UST-N

Lab Sample ID MB ID 893064-001

MB

Client Sample ID

3RD UST-S

Lab Sample ID

QC Type

MB

LCS

LCSD

MB ID

893064-002

MB

Client Sample ID

GG2353-92MBLCS

GG2353-92MBLCSD

GG2353-92MB

	1	Method				1,000			LCS	³/i c	_CS/LC: ontrol Li		Parent	Parent	MS			MSD				MS/ MSD	1	MS/MS	
Test Name		Blank Result Conc	LCS Spiked Conc	LCS R	ecovery % (	LCSD Spiked C Conc	LCSD F	Recove			. UCL %	RPD %	Sample Number	Result Conc	Spiked Conc	MS R Conc	ecovery % (		MSD Conc	Recover	y C	RPD % C	LCL %	UCL %	RPD %
1,2,4-Trimethylbenzene	<	25	1000.0	1057.3	106	1000.0	1030.9	103	2.5	85	122	20	I -	-			_						<u> </u>	_	
1,3,5-Trimethylbenzene	<	25	1000.0	1056.7	106	1000.0	1046.2	105	1.0	85	123	20	_	-		_		<u> </u>			L.				
Benzene	<	25	1000.0	1046.1	105	1000.0	998.4	100	4.7	85	115	20		-	<u> </u>									<u> </u>	
Ethylbenzene	<	25	1000.0	1050.8	105	1000.0	1034	103	1.6	85	118	20	<del>-</del>	_	-								<u> </u>		
Gasoline Range Organics	<	1.3	10.0	10.9	109	10.0	9.9	99	9.4	80	120	20	<u> </u>	-								_			
Methyl-tert-butyl-ether	<	25	1000	891.9	89	1000	901.4	90	1.1	84	116	20	<b>—</b>	-	-		-					_	<u> </u>		<u> </u>
Toluene	<	25	1000.0	1042.8	104	1000.0	1019.2	102	2.3	85	117	20	-	-								_ !			<u> </u>
Xylene, m + p	<	25	2000.0	2066.3	103	2000.0	2035.4	102	1.5	85	119	20	T -	-		_									
Xylene, o	<	25	1000.0	1008.4	101	1000.0	988.7	99	2.0	85	119	20	_	_	T -	_	-							<u> </u>	
a,a,a-Trifluorotoluene	1	100%			99			100		80	119	T	_	-			_							<u> </u>	<u> </u>

Report Date: 2/12/2008

Pace Analytical Client Nam	e: RMT		Project # <u>893064</u>
Courier: Fed Ex UPS USPS Cli Tracking #: Custody Seal on Cooler/Box Present: ye			Optionalista Survivoralista Arginalista Survivoralista Arginalista Survivoralista
Packing Material: Bubble Wrap Bubb	·		
Thermometer Used	Type of Ice: (Wet		Samples on ice, cooling process has begun
0 0 1	\	is Frozen: Yes No	Date and Initials of person examining
Cooler Temperature  Temp should be above freezing to 6°C	Diological Flacks	Comments:	contents: <u>G9 2-5-08</u>
Chain of Custody Present:	DYes ONO ONIA	1.	
Chain of Custody Filled Out:	Byes DNo DNA		
Chain of Custody Relinquished:	TYes ONO ON/A	3.	
Sampler Name & Signature on COC:	Syes DNo DNA	4.	
Samples Arrived within Hold Time:	Byes DNo DNA	5.	
Short Hold Time Analysis (<72hr):	□Yes QNo □N/A	6.	
Rush Turn Around Time Requested:	□Yes ☑No □N/A	7.	
Sufficient Volume:	EYes ONO ON/A	8.	
Correct Containers Used:	DYes □NO □N/A	9.	
-Pace Containers Used:	Yes Ono ONA		
Containers Intact:	Qyes □No □N/A	10.	·
Filtered volume received for Dissolved tests	□Yes □No ˙□N/A	11.	
Sample Labels match COC:	☐Yes ☐No ☐N/A	12.	
-Includes date/time/ID/Analysis Matrix:	5		
All containers needing preservation have been checked.	OYes ONO SWA	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	□Yes □No □NA	tullal oden	Lot # of added
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	□Yes □No	Initial when completed	preservative
Samples checked for dechlorination:	□Yes □No □NIA	14.	
Headspace in VOA Vials ( >6mm):	□Yes QNo □N/A	15. ·	
Trip Blank Present:	□Yes ☑NO □N/A	16.	
Trip Blank Custody Seals Present	□Yes □No □N/A		
Pace Trip Blank Lot # (if purchased):			
Client Notification/ Resolution:			Field Data Required? Y / N
Person Contacted:	Date/T	ime:	
Comments/ Resolution:			
Project Manager Review:	AH		Date: 2/12/08

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

Project Contact:  Phone:    CHAIN OF CUSTODY   Mail To Contact:   Mail To Contact:   Mail To Company:   Mail To Address:   THEREDY (YES/NO)   PRESERVATION (CODE)*   Fick   THEREDY (YES/NO)   PRESERVATION (CODE)*   Invoice To Contact:   Mail To Address:   Mail To Company:   Mail To Address:   Mail	13334
Branch/Location:  Project Contact:  Phone:  CHAIN OF CUSTODY  Mail To Contact:  Mail To Company:  Mail To Company:  Project Name:  Project Name:  Project State:  Sampled By (Print):  Sampled By (Sign):  Project Name:  Data Package Options  (billable)  Data Package Options  Data Package Options	
Project Number:  Project Number:  Project Name:  Project State:  Sampled By (Print):  Sampled By (Sign):  Po#:  Po#:  Po#:  Project Number:  Project State:  Data Package Options (Sillable)  (Sillable)  Mail To Contact:  Mail To Contact:  Mail To Contact:  Mail To Company:  Mail To	
Project Number:   10 80 10 10 10 10 10 10 10 10 10 10 10 10 10	Į.
Project Number:    Project Name:   Shifts	
Sampled By (Print):  Sampled By (Sign):  Preservation (CODE)*  Regulatory Program:    Data Package Options (billable)   On your sample   B Biota   DW = Drinking Water (B B B Biota   DW = Drinking Water (B B B Biota   DW = Drinking Water (B B B B B B B B B B B B B B B B B B B	
Sampled By (Print):  Sampled By (Sign):  Preservation (CODE)*  Regulatory Program:    Data Package Options (billable)   On your sample   B Biota   DW = Drinking Water (B B B Biota   DW = Drinking Water (B B B Biota   DW = Drinking Water (B B B B B B B B B B B B B B B B B B B	Hand Trail
Sampled By (Print):  Sampled By (Sign):  PRESERVATION (CODE)*  PRESERVATION (CODE)*  Invoice To Contact:  Invoice To Company:  Invoice To Address:  Data Package Options (billable)  On your sample B Biota DW = Drinking Water B	正 53717
Sampled By (Sign):  PO #:  Regulatory Program:  Data Package Options (billable)  Do your sample PA Level III  (billable)  Display Belota DW = Drinking Water	ayah A
EPA Level III Display Be Biota DW = Drinking Water B DW = Drinking	7.
EPA Level III Display Be Biota DW = Drinking Water B DW = Drinking	<del></del>
EPA Level III Display Be Biota DW = Drinking Water B DW = Drinking	
(billable) C = Charcoal GW = Ground Water    PA Level IV   NOT needed on   O = Oil   SW = Surface Water   SW   SW   SW   SW   SW   SW   SW   S	  44
EPA Level III   (billable)   C = Charcasi   GW = Ground Water   C = Charcasi   GW = GW = GW = GW = GW   C = Charcasi   GW = GW	
PACE LAB # CLIENT FIELD ID COLLECTION MATRIX S S S S COMMENTS (Lab Use O	nly)
Q) Brd 1/5T-N 1/21/21/25 5 X X X X   2-202, 1	- 402,
007. 3rd UST-9 " 10:30 S X X X X V	±.
	* 6
Rush Turnaround Time Requested - Prelims Relinquished By:    Date/Time:   Received By:   Date/Time:   Date/Ti	PACE Project No.
(Rush TAT subject to approval/surcharge)	7306CZ
Date Needed: Relinquished By Date/Time: Date	DOOT -
Email #1: Page in AIR contract St. Relinquished By: // Date/Time: Received By: Date/Time:	remp = KOI °C
Email #2: DUNHAM 2-5-08 0915 2-5-08 11915	
Telephone: Relinquished By: Date/Time: Received By: Date/Time:	Sample Receipt pH
Fax:  Samples on HOLD are subject to Special pricing and release of liability  Presion 6.0  Version 6.0	Sample Receipt pH OK / Adjusted oler Custody Seal

# Appendix F Site Photographs

Client Name: Site Location: Project No.:
Wisconsin Department of Transportation USH 18, Jefferson 10890.02

Photo No. Date
1 1/23/08

Description

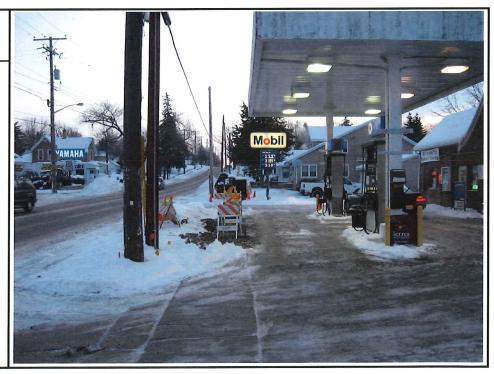
Looking west along sidewalk and new gas main



Photo No. Date
2 1/23/08

Description

Looking east along sidewalk and new gas main





Client Name: Site Location: Project No.:
Wisconsin Department of Transportation USH 18, Jefferson 10890.02

Photo No. Date
3 1/23/08

**Description**First UST removed



Photo No. Date
4 1/23/08

**Description**Second UST and close proximity to existing gas main





Client Name:Site Location:Project No.:Wisconsin Department of TransportationUSH 18, Jefferson10890.02

 Photo No.
 Date

 5
 1/23/08

**Description**Backfill and compact



Photo No. Date
6 1/31/08

Description

Pump out water from third UST and new gas main





Client Name:Site Location:Project No.:Wisconsin Department of TransportationUSH 18, Jefferson10890.02

Photo No. Date
7 1/31/08

Description

Removal of third UST



Photo No. Date 8 1/31/08

Description

Excavation from third UST





Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	USH 18, Jefferson	10890.02

 Photo No.
 Date

 9
 1/31/08

Description

Backfill except for new gas main trench

