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FEB 08 1999

**SITE ASSESSMENT FOR
UNDERGROUND STORAGE TANK SYSTEM**

TRACKED
REVIEWED

Site:

V.F.W. Post 2925
420 North Wisconsin Avenue
Berlin, Wisconsin 54923

Site Assessor:

Envirogen, Inc. (Envirogen)
Pewaukee, Wisconsin

Date:

February 3, 1999

Envirogen Project No.

980595-040

SITE ASSESSMENT REPORT DISTRIBUTION:

**Wisconsin Department of Natural
Resources (WDNR):**

Mr. Kevin McNight
Wisconsin Department of Natural
Resources
Remediation and Redevelopment
P.O. Box 2565
Oshkosh, Wisconsin 54304

CLIENT:

Mr. Victor Shroch
V.F.W. Post 2925
420 North Wisconsin Avenue
Berlin, Wisconsin 54923

1.0 SITE BACKGROUND INFORMATION

UST System Owner/Operator:

V.F.W. Post 2925

Tank Site Address:

420 North Wisconsin Avenue
Berlin, Wisconsin 54923

Tank Site Legal Description:

SW¼, NW¼, Section 3, T17N, R13E

Certified Site Assessor:

Scott Petlewski #41885

Date of Site Assessment:

November 9, 1998

**Summary of Past/Current
Property and Adjacent
Property Use:**

The property has been used as a V.F.W.
Post since development. Adjacent
property use is primarily residential.

Past Tank System History:

The tank was used to supply fuel oil to
the boiler for heating the building.

**Past Environmental
History:**

No previous documented leaks, spills or
overfills were associated with this UST
system.

Local Groundwater History:

The Fox River is located approximately
¼ mile west of the site. Groundwater is
expected to follow local topography and
flow to the west.

2.0 SITE LOCATION AND LAYOUT

Site Location Map:

See Attached Figure 2.1

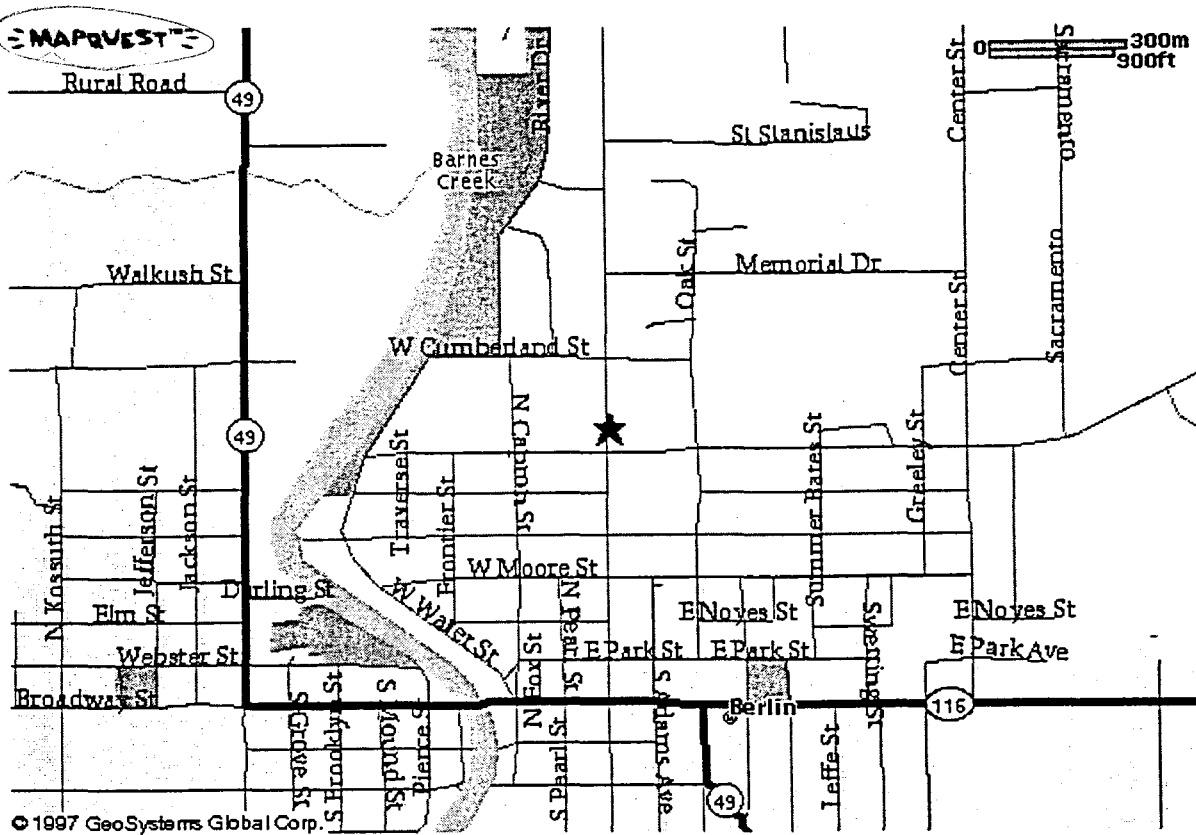
TANK SYSTEM SUMMARY:

Tank No.	Tank Volume	Tank Contents	Composition	Tank Dimensions
#1	1,000 Gallons	Fuel Oil	Bare Steel	5' diameter x 12' long

Site Layout Plan:

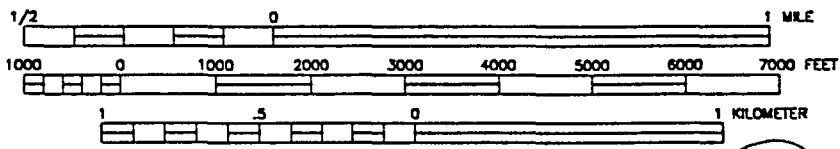
See Attached Figure 2.2

420 North Wisconsin Street, Berlin, WI 54923



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SCALE
1:24000



CONTOUR INTERVAL 10 FEET

208600



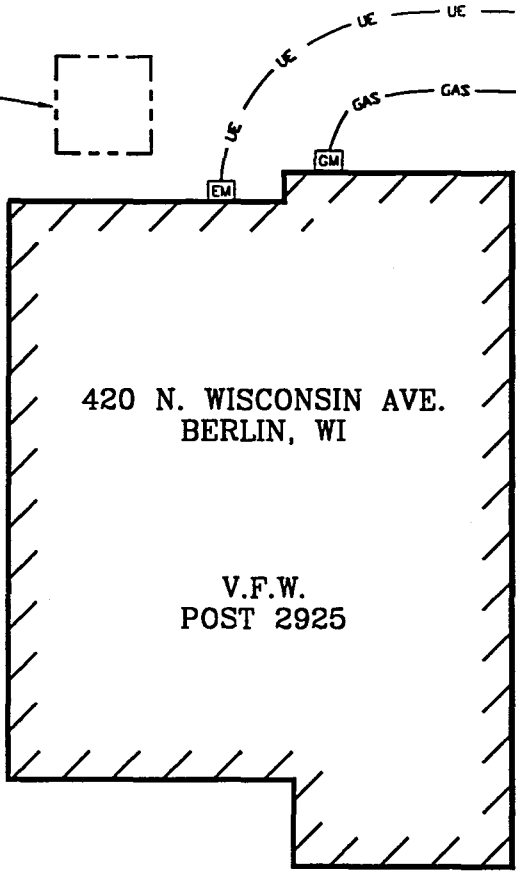
COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

SITE LOCATION MAP		FIGURE NO.
V.F.W. POST 2925 SITE BERLIN, WISCONSIN		2.1

ENGINEER	DATE	REVISIONS:	APPROVED BY:	CHECKED BY:	2/3/99	LME	DRAWN BY:	DRAWING NO.
STP	2/1/99	STP	STP	STP				98-0595W1

EXCAVATION AREA



LEGEND

- EM ELECTRIC METER
- GM GAS METER
- UE — UNDERGROUND ELECTRIC
- GAS — UNDERGROUND GAS



MEMORIAL DRIVE



ENVIROGEN

COST EFFECTIVE LEADER FOR A CLEANER ENVIRONMENT

2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

ENGINEER	DATE
ENGINEER	DATE
ENGINEER	DATE
REVISIONS:	
APPROVED BY:	
CHECKED BY:	
	2/3/99
	LME
DRAWN BY:	
	98.0595W2
DRAWING NO.	

SITE PLAN	FIGURE NO.
VIEW	
V.F.W. POST 2925 SITE	
BERLIN, WISCONSIN	

2.2

3.0 TANK ACTIVITIES AND EXCAVATION

Method of Closure:

Tank No.	Closure Method	Date
#1	Removed	11/7/98

Excavation Subcontractor:

Petraszak Excavating
N8585 Big Island Road
Berlin, Wisconsin

Certification Number: 42469

**Tank System Components
Left On-Site:**

None

4.0 TANK CLEANING AND DISPOSAL

Tank Purging Method:

Tank atmosphere monitored for flammable or combustible vapor levels. Readings of 10% or less of the lower explosive limit (LEL) were obtained before removing tank from excavation.

Tank Cleaning Method:

Cleaning degreaser was employed to remove residue. Oil dry was used to remove trace amounts of sludge.

**Location Where UST
was Cleaned:**

On level ground, adjacent to the excavation.

**Wastewater/Rinsate
Handling:**

None handled.

**Method of Tank
Dismantling/Transport
Disposal:**

Cleaned tank was appropriately labeled
per DOT regulations and transported to
Sadoff Iron & Metal in Green Bay,
Wisconsin.

Subcontractors:

Purging:
Petraszak Excavating
N8585 Big Island Road
Berlin, Wisconsin
Cert. No.: 42469

Cleaning:
Petraszak Excavating
N8585 Big Island Road
Berlin, Wisconsin
Cert. No.: 42469

Dismantling:
Petraszak Excavating
N8585 Big Island Road
Berlin, Wisconsin
Cert. No.: 42469

Hauling:

Petraszak Excavating
 N8585 Big Island Road
 Berlin, Wisconsin

Cert. No.: 42469

Disposal:

Petraszak Excavating
 N8585 Big Island Road
 Berlin, Wisconsin

Cert. No.: 42469

5.0 RESIDUAL PRODUCT MANAGEMENT

Source:

Tank Ref. No.	Type of Product	Quantity	Final Disposition
No residual product to manage.			

6.0 TANK SLUDGE MANAGEMENT

Source:

Tank Ref. No.	Description of Sludge	Quantity	Final Disposition
No sludge to manage			

7.0 VISUAL INSPECTION

Weather Conditions:

45° Cloudy

Tank Locations:

The tank was located off the northwest corner of the building.

Excavation Description:

- Excavation size:
10' wide x 10' long x 8' deep
- Obvious signs of contamination

Description of Water Occurrence:

No groundwater was encountered.

Free Product:

No free product was encountered.

Native Soil Type:

Light brown silty sand.

Tank Bedding Material:

Light brown silty sand.

Tank Size, Construction, and Condition:

- 5' diameter x 12' long
- Bare steel
- Two holes

Piping Construction and Condition:

- Bare copper
- No holes
- Good condition

Piping Locations and Length:

Piping was located within the same tank basin.

Description of Potential Release:

A petroleum release associated with this UST removal based on site observations, was apparent. Native soils were slightly discolored, stained and had petroleum odors.

8.0 **SAMPLING**

Sampling Location Description:

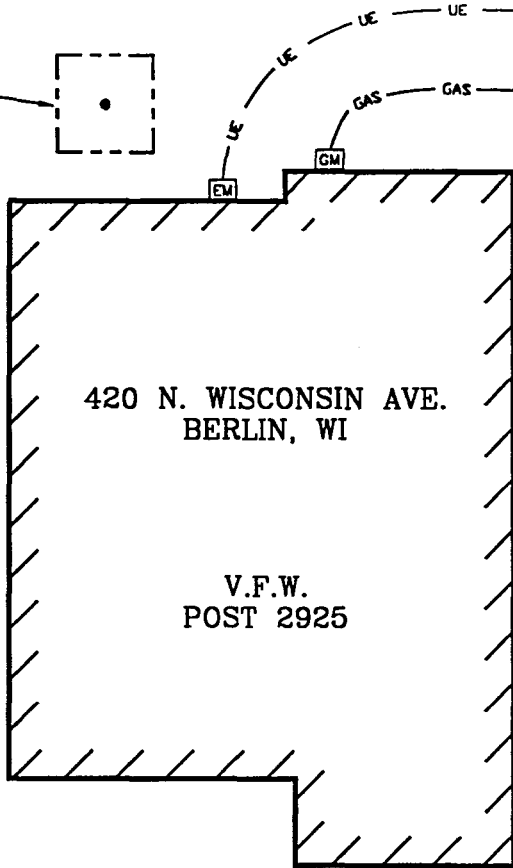
One confirmation sample was collected beneath the tank in native soils.

See Attached Figure 8.1

Soil Sampling Procedures:

See Appendix A

EXCAVATION
AREA



LEGEND

- SOIL SAMPLE LOCATION (IN FORMER TANK CAVITY)
- EM ELECTRIC METER
- GM GAS METER
- UE — UNDERGROUND ELECTRIC
- GAS — UNDERGROUND GAS



MEMORIAL DRIVE



ENVIROGEN

COST EFFECTIVE LEADER FOR A CLEANER ENVIRONMENT

2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

ENGINEER	DATE	ENGINEER	DATE
STP	2/1/99	STP	2/1/99
REVISIONS:		APPROVED BY:	STP
		CHECKED BY:	STP
		LME	2/3/99
		DRAWN BY:	
		98.0595W3	
DRAWING NO.			

UST CLOSURE SOIL SAMPLING LOCATION	FIGURE NO. 8.1
V.F.W. POST 2925 SITE BERLIN, WISCONSIN	

SOIL SAMPLE RESULTS:

	Soil Sample Number
	#1
Date Sampled	11/9/98
Parameter:	
DRO	372 mg/kg
Depth	9' bgs
Soil Type	Silty sand
Moisture Content	Moist
Nasal Observation	Slight petroleum odors

Notes:

- DRO: Diesel range organics
- bgs: Below ground surface
- mg/kg: Milligrams per kilogram
- ppm: Parts per million

Laboratory Information:

See Appendix B

9.0 DISCUSSION

Release Determination:

Based on field observations supported by field instrumentations and subsequent analytical results, a petroleum release associated with this UST system has occurred.

9.5 CONCLUSION

Once confirmation laboratory results became available, the Wisconsin Department of Natural Resources (WDNR) was notified of a petroleum release on January 5, 1999. In response to our notification the WDNR sent a letter dated January 6, 1999 to the V.F.W. Post requiring them to complete a site investigation. Envirogen has proposed to expeditiously complete a site investigation under Wisconsin Administrative Codes NR 700 - NR 728.

10.0 CERTIFICATION

This Site Assessment has been prepared in accordance with generally accepted engineering and hydrogeologic principles and practices of this time and location.

The site activities and results presented herein have been developed and interpreted from limited available information. Subsurface conditions may vary over time and space and the results of this site assessment should be evaluated in that context.

The recommendations contained in the Site Assessment represent our professional opinions.

This Site Assessment was prepared by Envirogen, Inc.

Scott T. Petlewski
Certified UST Assessor #41885

11.0 SUPPORT DOCUMENTATION

Copies of Tank Forms:

See Appendix C

APPENDIX A

Soil Sampling Procedures

APPENDIX A

Standard Sampling Procedures

Sample Collection

A. Sampler Certification

Representative of Envirogen, Inc. (Envirogen), collecting soil samples for ILHR 10 site assessments are certified by the State of Wisconsin Department of Commerce (COMM) or supervised by a certified site assessor.

B. Soil Sample Locations

Soil samples were collected in the native soil, not in the backfill material around the tank, from all of the following locations where applicable:

Obvious Contamination

If free product, strong petroleum product odors, stained soil or backfill, or other conditions made it obvious that a release from the tank has occurred, then site assessment soil sampling was not completed. However one confirmation sample was taken for laboratory analysis and to provide confirmation of the release. The sample was collected from an area that is representative of the contamination in accordance with the soil sampling guidance presented in the WDNR Site Assessments for Underground Storage Tanks, Technical Guidance.

C. Analytical Parameters, Methods, Holding Times, and Quality Control

All soil samples sent to a laboratory will be analyzed for parameters and using methods appropriate for the substance contained in the UST system. The parameters and methods to use for petroleum USTs are specified below and summarized in Table 2 in accordance with the "Leaking Underground Storage Tank Analytical Guidance" PUBL-SW-130-92REV (reference 6).

1. Parameters

The parameters for which soil samples were analyzed depended on the substance stored in the UST and/or piping as shown below.

- a. Soil samples from tank systems that stored regular or unleaded gasoline, aviation fuel (grades 80, 100, and 100 low lead) were analyzed for **gasoline range organics (GRO)**.
- b. Soil samples from tank systems that stored diesel, jet fuel, or fuel oil (# 1, 2 & 4) were analyzed for **diesel range organics (DRO)**.
- c. Soil samples from tank systems that stored crude oil, lubricating oil, waste oil or fuel oil (#6) were analyzed for **diesel range organics (DRO)**.
- d. Soil samples from tank systems where the substance stored is unknown were analyzed for both **gasoline range organics (GRO)** and **diesel range organics (DRO)**.
- e. Soil samples collected under system components where multiple substances were stored for the low volatility parameter. For example, if a piping run contains both a gasoline line and a diesel line, only one sample were collected every 20 feet and analyze it for GRO. Similarly, if a diesel tank and a waste oil tank are laid end-to-end, the sample collected between them was analyzed for DRO.

TABLE 2

Analytical Parameters, Method, Holding Times, and Quality Control

Shipping/ Extraction	Holding Time	Jars/ Size	Quality Control	Notes
Immediately	21 Days	2 oz WM 25 g	MEOH Blank Temperature Blank if "Blue Ice" Used	Use Field Preservation with Methanol
Extraction: 72 Hours	47 days	2 oz WM 25 g	Temperature Blank if "Blue Ice" Used	

2. Methods

Soil samples have been analyzed according to the analytical methods approved by the DNR as shown below. A laboratory certified for purgeable organics under ch. NR 149, Wisconsin Administrative Code, has conducted the analysis.

- a. The approved method for gasoline range organics (GRO) is the **Wisconsin DNR Modified GRO Method**. This method includes field preservation of samples using methanol.
- b. The approved method for diesel range organics (DRO) is the **Wisconsin DNR Modified DRO Method**.

3. Holding Times

Handle and process all samples in accordance with the following timelines:

- a. GRO samples have been preserved in the field with methanol, delivered to the lab immediately after collection and analyzed within 21 days of collection.
- b. DRO samples have been delivered to the lab within 72 hours of collection. The lab has analyzed the samples within 47 days of collection.

4. Quality Control

The following quality control measures apply to samples collected for site assessment:

- a. If a GRO sample is collected, one GRO trip blank (i.e. a tared jar containing 25 mls of purge and trap grade methanol) have accompanied the sample jars to the site and be analyzed with the soil samples. The jar has undergone all procedures performed on soil samples. If soil is added directly to jars containing methanol, open and close the trip blank at one of the sampling locations.
- b. All samples had their temperature measured upon receipt by the lab. Ice was used in the cooler, therefore no special measures are necessary because the lab can determine the temperature directly from either the ice or the meltwater.

E. Sample Collection Procedures

Soil samples were collected in accordance with the soil type, substance, and analytical parameters and methods. Sample collectors observed all standard scientific and industry practices.

1. Sample collection points were identified based on tank system layout and soil sample locations specified above. Soil samples were assigned I.D. numbers at the time of collection.
2. The type of analysis for each sample location was identified. For example, two GRO samples for each gasoline tank, two DRO samples for each diesel tank, etc. GRO samples were collected in tared wide mouth 2 oz jar containing 25 mls of purge and trap grade methanol. DRO samples were collected in tared wide mouth 2 oz jars.
3. Samples were indirectly collected from the backhoe bucket.
4. Soil samples were handled by Envirogen personnel wearing dedicated sterile latex gloves. Any non-dedicated sampling equipment was properly decontaminated between samples.

5. Soil samples from each location were collected from a freshly exposed surface. Work was done quickly to minimize agitation of the soil to prevent loss of volatile contaminants. At least 25 g of soil was collected for GRO and DRO samples. Soil from several different locations was not combined into one sample because it decreases the specificity of the sample and increases the potential for volatilization.
6. A good sample seal was insured to prevent loss of volatile contaminants.
7. The samples were packed samples for lab analysis in ice immediately. Samples were kept at or below 4°C after collection and prior to analysis.
8. Additional sample were collected for field screening (if used) from each soil sample location.
9. Additional samples were collected for dry weight determination at each sampling location.
10. Grab samples were collected for field identification of soil type.
11. Each sample was properly labeled and assigned an I.D. and the number was written directly on the sample label in waterproof ink. The sample I.D., the time of collection, the sample location, type of analysis, and method of preservation (if applicable) was written on the chain-of-custody form.
12. The samples were identified for the presence of obvious contamination or staining. The samples were also identified for soil texture using the USCS classification and note soil color.
13. Soil sampling equipment was decontaminated between each sampling location. Sampling tools were scrubs in detergent or solvent solution, rinse (repeatedly) in pure water, wipe dry with paper towel or allow to air dry. Rinse water that was used is distilled or obtained from a source that is known to be uncontaminated. Disposable gloves, were changed, between each sampling location.

14. The LUST chain-of-custody form from the laboratory was completed and included with the samples. The name of sampler, name of project/property, time samples relinquished were included on the chain-of-custody.
15. The samples were packed in ice and shipped to the certified lab by the use of a plastic insulated cooler.

APPENDIX B

Analytical Support Documentation

786379-03



NATIONAL ENVIRONMENTAL TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (920) 261-1660
Fax: (920) 261-8120
WDNR No. 128053530

REC'D NOV 25 1998

ANALYTICAL AND QUALITY CONTROL REPORT

Ms. Brooke Routhier
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

11/20/1998

Job No: 98.10715

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Table with 4 columns: Sample Number, Sample Description, Date Taken, Date Received. Rows include sample 324908 (#1 Center of Tank Cavity) and 324909 (Trip Blank).

All soil samples are reported on a dry weight basis. DNR Guidance for soil suggests uncertainty for volatiles results between 25 and 60 ug/kg. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

- A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
T = Does not match typical pattern
X = Unidentified compound(s) present
Z = Internal standard outside limits

Signature of Project Manager

Signature of QA Coordinator and other initials



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094

Tel: (920) 261-1660
Fax: (920) 261-8120
WDNR No. 128053530

ANALYTICAL REPORT

Ms. Brooke Routhier
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

11/20/1998
Job No: 98.10715
Sample No: 324908
Account No: 28500
Page 2

JOB DESCRIPTION: VFW Berlin
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #1 Center of Tank Cavity
Rec'd at 3 degrees C

Date Taken: 11/09/1998 12:15

Date Received: 11/10/1998

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total	88.7	%	n/a	SW 5030	11/12/1998	2542
DRO Extraction	11/06/98			WDNR	11/12/1998	1127
DRO - NONAQUEOUS	372	mg/kg	5.0	WDNR	11/19/1998	1127 1895



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094
Tel: (920) 261-1660
Fax: (920) 261-8120
WDNR No. 128053530

QUALITY CONTROL REPORT
BLANKS

Ms. Brooke Routhier
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

11/20/1998

Job No: 98.10715
Account No: 28500

Page 3

Job Description: VFW Berlin

Parameter	Prep Batch	Run Batch	Blank Result	Reporting Limit	Units
DRO - NONAQUEOUS	1127	1902	<2.5	5.0	mg/kg



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Watertown Division
602 Commerce Drive
P.O. Box 288
Watertown, WI 53094

Tel: (920) 261-1660
Fax: (920) 261-8120
WDNR No. 128053530

QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

Ms. Brooke Routhier
FLUID MANAGEMENT, INC.
PO Box 90
Pewaukee, WI 53072

11/20/1998

Job No: 98.10715
Account No: 28500

Page 4

Job Description: VFW Berlin

Analyte	Prep	Run	LCS	Units	LCS	LCSD	LCS	LCSD	Control	Relative
	Batch	Batch					Percent	Percent		
	Number	Number	Amount		Result	Result	Recovery	Recovery		Difference
DRO - NONAQUEOUS	1127	1902	1000	mg/kg	982	1070	98.2	107.0	70 - 120	8.5



NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY Fluid Mgt. Pawnee
 ADDRESS _____
 PHONE _____ FAX 414-549-6938
 PROJECT NAME/LOCATION V-F.W. Berlin
 PROJECT NUMBER _____
 PROJECT MANAGER Scott Petlewski

95515115

REPORT TO: Scott Petlewski
 INVOICE TO: _____
 P.O. NO. _____
 NET QUOTE NO. _____

SAMPLED BY Scott Petlewski
 (PRINT NAME)

 (PRINT NAME)

Scott T. Petlewski
 SIGNATURE

 SIGNATURE

ANALYSES

To assist us in selecting the proper method

Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___

Is this work being conducted for regulatory enforcement action? Yes ___ No ___

Which regulations apply: RCRA ___ NPDES Wastewater ___
 UST Drinking Water ___
 Other ___ None ___

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers						DRU	PUCS	Dry Weight
						HCl	NaOH	HNO ₃	H ₂ SO ₄	OTHER				
11/9/98	12:15	#1 Center of Tank Cavity soil		X								X	X	X
	12:15	Tr.P Blank										X		

COMMENTS

Need 5 day Turn Around
 Do not run PUCS
 til DRU results are known.

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO _____
 FIELD FILTERED? YES / NO _____

COC SEALS PRESENT AND INTACT? YES / NO _____
 VOLATILES FREE OF HEADSPACE? YES / NO _____

TEMPERATURE UPON RECEIPT: 300
 Bottles supplied by NET? YES / NO _____

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA _____
 I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS _____ DATE 11/11/98

RELINQUISHED BY: <u>Scott T. Petlewski</u>	DATE: <u>11/10/98</u>	TIME: <u>9:00</u>	RECEIVED BY: <u>[Signature]</u>	DATE: <u>11/10/98</u>	TIME: <u>11:00</u>	RECEIVED BY: <u>[Signature]</u>	DATE: <u>11/10/98</u>	TIME: <u>11:50</u>	RECEIVED FOR NET BY: <u>[Signature]</u>
METHOD OF SHIPMENT			REMARKS:						

APPENDIX C

Tank Inventory and Closure Forms

CHECKLIST FOR UNDERGROUND TANK CLOSURE

RETURN COMPLETED CHECKLIST TO:
Safety & Buildings Division
Fire Prevention & Underground
Storage Tank Section
P. O. Box 7969, Madison, WI, 53707

**Complete one form for
each site closure.**

The information you provide may be used by other government agency programs (Privacy Law, s. 15.04 (1) (m))

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

1. Site Name VFW Club House		2. Owner Name VFW Club House	
Site Street Address (not P.O. Box) 420 N. Wisconsin St.		Owner Street Address 420 N. Wisconsin St.	
<input checked="" type="checkbox"/> City Berlin	<input type="checkbox"/> Village	<input type="checkbox"/> Town of	
State WI.	Zip Code 54923	County Green Lake	Telephone No. (include area code) (920) 361-1574
3. Closure Company Name (Print) Petraszak Exc. Ltd.		Closure Company Street Address N8585 Big Island Rd.	
Closure Company Telephone No. (include area code) (920) 361-0922		Closure Company City, State, Zip Code Berlin, WI, 54923	
4. Name of Company Performing Closure Assessment		Assessment Company Street Address, City, State, Zip Code	

Telephone # (include area code) ()	Certified Assessor Name (Print)	Assessor Signature	Assessor Certification No.
--	---------------------------------	--------------------	----------------------------

Tank ID #	Closure	Temp. Closure	Closure In Place	Tank Capacity	Contents *	Closure Assessment
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1000	04	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other; 09-Unknown; 10-Premix; 11-Waste oil; 13-Chemical (indicate the chemical name(s) or number(s)); 14-Kerosene; 15-Aviation.

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

Check applicable box at right in response to all statements in Sections B - E.

B. TEMPORARILY OUT OF SERVICE

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

- | | | | |
|--|---|-------------------------------|--------------------------|
| | Remove
Verified | Inspector
Verified | NA |
| 1. Product Removed | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| a. Product lines drained into tank (or other container) and resulting liquid removed, AND: | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| b. All product removed to bottom of suction line, OR | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| c. All product removed to within 1' of bottom. | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped. | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. All product lines at the islands or pumps located elsewhere are removed and capped, OR | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Dispensers/pumps left in place but locked and power disconnected. | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Vent lines left open. | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Inventory form filled indicating temporary closure. | <input type="checkbox"/> Y <input type="checkbox"/> N | <input type="checkbox"/> | <input type="checkbox"/> |

C. CLOSURE BY REMOVAL

- | | | | |
|---|--|-------------------------------------|--------------------------|
| | Remove
Verified | Inspector
Verified | NA |
| 1. Product from piping drained into tank (or other container). | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Piping disconnected from tank and removed. | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. All liquid and residue removed from tank using explosion proof pumps or hand pumps. | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. All pump motors and suction hoses bonded to tank or otherwise grounded. | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed. | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCATOR. | | | |
| 6. Vent lines left connected until tanks purged. | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Tank openings temporarily plugged so vapors exit through vent. | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F. | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement. | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Tank cleaned before being removed being removed from site. | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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 checked="" type="checkbox"/>	<input type="checkbox"/>
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
12. Tank vent hole (1/8 th " in uppermost part of tank) installed prior to moving the tank from site.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Site security is provided while the excavation is open.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>

D. CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT

1. Product from piping drained into tank (or other container).	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
2. Piping disconnected from tank and removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input 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"/>	<input 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"/>	<input 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"/>	<input type="checkbox"/>
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.			
6. Vent lines left connected until tanks purged.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
7. Tank openings temporarily plugged so vapors exit through vent.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>
9. Tank properly cleaned to remove all sludge and residue.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>
11. Vent line disconnected or removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

E. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 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 type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
2. Do points of obvious contamination exist?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
3. Are there strong odors in the soils?	<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 type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
5. Was a closure assessment omitted because of obvious contamination?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
6. Was the DNR notified of suspected or obvious contamination?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

Agency, office and person contacted: _____

7. Contamination suspected because of: Odor Soil Staining Free Product Sheen On Groundwater Field Instrument Test

F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

Educator Or Diffused Air Blower
 Educator 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.

3. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

hole in tank

1. REMOVER/CLEANER INFORMATION

Remover Name (print) _____ Remover Signature _____ Remover Certification No. _____ Date Signed _____

INSPECTOR INFORMATION

Inspector Name (print) Ronald L. Buda Inspector Signature Ronald L. Buda Inspector Certification No. 25035
 FDID # For Location Where Inspection Performed _____ Inspector Telephone Number _____ Date Signed 11/16/18

OWNER

State of Wisconsin
Department of Commerce

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Storage Tank, Permitting and
Registration Section
P.O. Box 7969 Madison, WI 53707



Information Required By Section 101.142, Wis. Stats.

WI Tank ID#: _____

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (including piping) located below ground level. 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)(n)]

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

1A. <input type="checkbox"/> In Use or	4. <input checked="" type="checkbox"/> Closed - Tank Removed	8. <input type="checkbox"/> Ownership Change (Indicate new owner name in block 2)
1B. <input type="checkbox"/> Newly Installed	6. <input type="checkbox"/> Closed - Filled with Inert Materials	
2. <input type="checkbox"/> Abandoned with Product	7. <input type="checkbox"/> Out of Service - Provide Date: _____	
3. <input type="checkbox"/> Abandoned No Product (empty) or with Water		

Fire Department providing fire coverage where tank is located:
 City Village
 Town of Berlin

A. IDENTIFICATION (Please Print)

1. Tank Site Name <u>VFW Club House</u>	Site Address <u>420 N. Wisconsin Street</u>	Site Telephone Number <u>920-361-1574</u>
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: <u>Berlin</u>	State <u>WI</u>	Zip Code <u>54923</u>
2. Tank Owner Name <u>VFW Club House</u>	Mailing Address <u>420 N. Wisconsin Street</u>	Telephone Number <u>920-361-1574</u>
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Town of: <u>Berlin</u>	State <u>WI</u>	Zip Code <u>54923</u>
3. Previous Name	Previous site address if different than #1	
4. Tank Age (date installed, if known or years old) <u>unknown</u>	5. Tank Capacity (gallons) <u>1000</u>	6. If more than one tank is located at facility, please provide tank #

B. TYPE OF USER (check one)

1. <input type="checkbox"/> Gas/Retail Sales	2. <input type="checkbox"/> Bulk Storage	3. <input type="checkbox"/> Utility	4. <input checked="" type="checkbox"/> Mercantile/Commercial	5. <input type="checkbox"/> Industrial
6. <input type="checkbox"/> Government	7. <input type="checkbox"/> School	8. <input type="checkbox"/> Residential	9. <input type="checkbox"/> Agricultural	10. <input type="checkbox"/> Other (specify):
11. <input type="checkbox"/> Tribal Nation	12. <input type="checkbox"/> Federal Property	13. <input type="checkbox"/> Backup Generator		

C. TANK CONSTRUCTION (check one)

1. <input checked="" type="checkbox"/> Bare Steel	2. <input type="checkbox"/> Cathodically Protected & Coated Steel (Check one: A. <input type="checkbox"/> Sacrificial Anodes or B. <input type="checkbox"/> Impressed Current)
3. <input type="checkbox"/> Coated Steel	4. <input type="checkbox"/> Fiberglass
5. <input type="checkbox"/> Other (specify):	6. <input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite
7. <input type="checkbox"/> Lined - Date:	8. <input type="checkbox"/> Unknown

Approval: 1. Nat'l Std. 2. UL 3. Other:

Is tank double walled? Yes No

Overfill Protection Provided? Yes No If yes, identify type:

Spill Containment? Yes No

Tank leak detection method:

1. <input type="checkbox"/> Automatic tank gauging	2. <input type="checkbox"/> Vapor monitoring	3. <input type="checkbox"/> Groundwater monitoring
4. <input type="checkbox"/> Inventory control and lightness testing	5. <input type="checkbox"/> Interstitial monitoring	
6. <input type="checkbox"/> Manual tank gauging (only for tanks of 1,000 gallons or less)	7. <input type="checkbox"/> Statistical Inventory Reconciliation (SIR)	

D. PIPING CONSTRUCTION

1. <input type="checkbox"/> Bare Steel	2. <input type="checkbox"/> Cathodically Protected & Coated Steel (Check one: A. <input type="checkbox"/> Sacrificial Anodes or B. <input type="checkbox"/> Impressed Current)
3. <input type="checkbox"/> Coated Steel	4. <input type="checkbox"/> Fiberglass
5. <input type="checkbox"/> Other (Specify):	6. <input type="checkbox"/> Unknown

Vapor Recovery/Stage II CARB #: _____

4. Fiberglass 5. Flexible 6. Other (specify): _____

Operational - Provide Date (mo/day/yr): _____

Piping System Type:

1. <input type="checkbox"/> Pressurized piping with A. <input type="checkbox"/> auto shutoff; B. <input type="checkbox"/> alarm or C. <input type="checkbox"/> flow restrictor	2. <input type="checkbox"/> Suction piping with check valve at tank	3. <input type="checkbox"/> Suction piping with check valve at pump and inspectable	4. <input type="checkbox"/> Not needed if waste oil
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Piping leak detection method: used if pressurized or check valve at tank:

1. <input type="checkbox"/> Vapor monitoring	2. <input type="checkbox"/> Interstitial monitoring
3. <input type="checkbox"/> Groundwater monitoring	4. <input type="checkbox"/> Tightness testing
5. <input type="checkbox"/> Line leak detector	6. <input type="checkbox"/> Not required
7. <input type="checkbox"/> SIR	

Approval: 1. Nat'l Std. 2. UL 3. Other:

Is pipe double walled? Yes No

E. TANK CONTENTS

1. <input checked="" type="checkbox"/> Diesel	2. <input type="checkbox"/> Leaded	3. <input type="checkbox"/> Unleaded	4. <input type="checkbox"/> Fuel Oil	5. <input type="checkbox"/> Gasohol
6. <input type="checkbox"/> Other (Specify):	7. <input type="checkbox"/> Empty	8. <input type="checkbox"/> Sand/Gravel/Slurry	9. <input type="checkbox"/> Unknown	10. <input type="checkbox"/> Premix
11. <input type="checkbox"/> Waste/Used Motor Oil	12. <input type="checkbox"/> Chemical	13. <input type="checkbox"/> Kerosene	14. <input type="checkbox"/> Aviation	

(Indicate chemical name and number)

* If 7, 8, or 9 is chosen, this tank is NOT PECFA eligible.

If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr): _____

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

Owner or Operator Name (please print): X. Quinlan

Indicate whether: Owner Operator

Owner or Operator Signature: X. Quinlan

Date Signed: _____

IMPORTANT: Failure to provide sufficient information may cause you to fail under additional regulations, and may delay PECFA eligibility determination. It is necessary to complete ALL shaded areas and as many other items as possible.