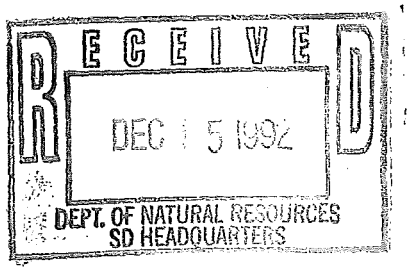
MID-STATE ASSOCIATES, INC.

1230 South Blvd.
Baraboo, WI 53913
608-356-2771
FAX: 608-356-2770

Engineers • Architects • Planners • Surveyors • Scientists

December 14, 1992



Ms. Marilyn Jahnke
Wisconsin Department of Natural Resources
Southern District
3911 Fish Hatchery Road
Fitchburg, WI 53711

Re: Anderson Property
Hub City, Wisconsin

Dear Ms. Jahnke:

Enclosed is a copy of the closure report for the above referenced project. If you have any questions, please feel free to call.

Sincerely,

MID-STATE ASSOCIATES, INC.

Kevin L. Olson
Project Manager/Hydrogeologist

KLO:hm
Enc.
cc: DILHR
Fred Anderson

219265.h1

UNDERGROUND STORAGE TANK
CLOSURE AND SITE ASSESSMENT REPORT
ANDERSON PROPERTY
HIGHWAY 80
HUB CITY, WISCONSIN

December 1992
Project 219265.UST

Prepared By:

Mid-State Associates, Inc.
1230 South Boulevard
Baraboo, Wisconsin 53913

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UNDERGROUND STORAGE TANK CLOSURE AND SITE ASSESSMENT REPORT

Location:

Fred Anderson Property
NW-¼, SE-¼, Section 34, T12N, R1E
Highway 80
Hub City, Wisconsin 53581

INTRODUCTION

Mid-State Associates, Inc. was retained by Fred Anderson to perform an underground storage tank site assessment at the above-referenced site. The purpose of this site assessment was to determine if petroleum products had spilled or leaked into the environment and whether additional investigation was needed. This report presents the data and results of this assessment.

PROJECT CONCERNED PARTIES

Contact Person:

Fred Anderson
Route 3, Box 223
Richland Center, Wisconsin 53581
Contact: Fred Anderson
608-647-4890

Tank excavator/tank and waste handler:

Marell, Inc.
Route 2, Box 190
Hillsboro, WI 54634
Certified Tank Remover: Elgin Herbeck (Certification No. 00105)

Environmental Consultant:

Mid-State Associates
1230 South Boulevard
Baraboo, WI 53913
Assessor: Jayne Englebert (Certification No. 03375)

SITE INFORMATION

Tank closure:

On November 11, 1992, one 500-gallon regular gasoline tank, one 1,000-gallon unleaded gasoline tank, and associated piping were removed from the subject property by Marell, Inc. The tanks were removed and the site assessment completed. The excavation was backfilled with parent and fill material.

Soil staining and petroleum odors were noted during the excavation. During tank removal it was noted that the original tank plug was still in place on the 500-gallon leaded tank. It was apparent that petroleum had leaked from this area.

The tank contents were pumped from the excavated tanks and placed in a temporary holding tank by Marell, Inc.

The tanks were then taken to Marell, Inc. property and cut up into scrap metal.

Property owner, Fred Anderson, was on site during the closure activities. He stated that he purchased the property approximately four years ago, and the tanks have not been in use since then.

Underground tanks remaining on-site:

No underground tanks are known to remain on-site.

Previously removed tanks:

No other petroleum tank systems are known to have been removed from this property.

Previous geotechnical investigations:

A Phase II 1/2 Environmental Assessment was conducted by Advent Environmental Services, Inc. in March 1992 for the Wisconsin Department of Transportation. They detected contamination in the vicinity of the site.

Past system leaks or repairs:

There are no recorded major leaks or repairs on the removed tank system.

Tank tightness tests:

No tightness tests are known to have been conducted on the tanks or piping.

Other tanks/gas stations nearby:

There is one additional site within a one-mile radius of this site in Richland County that may cause or threaten to cause environmental pollution at the site. This site is the McGlynn Property, which is approximately 250 feet southeast of the site.

OBSERVATIONS

Soil type:

From surface to 4 feet brown sandy silt. This was underlain by brown silty medium to coarse grained sand to the bottom of the excavation.

Bedrock and type:

The depth to bedrock is not known at this time. The type of bedrock is likely Cambrian sandstone.

Groundwater:

Groundwater was not encountered during the tank removal. Depth to groundwater is approximately 10 feet in depth.

Excavation dimensions:

The excavation pit holding the former gasoline tanks measured 17 feet wide, 19 feet long, and approximately 5 feet deep.

Tanks and piping condition:

Neither tanks or the piping showed any obvious holes or leaks. The plug in the leaded gasoline tank was in poor condition; it is assumed this is where the tank was leaking. The unleaded gasoline tank was full of water. The leaded gasoline tank contained sludge.

Presence of freestanding water:

There was no freestanding water in excavation.

Sample locations:

Soil samples for laboratory analysis were taken from the north and south ends of each tank, beneath the pump island, and beneath the piping. See Figure 2 for exact sample locations in respect to the former tank system.

Contamination detection:

Free product ..... None
Stained soil ..... Yes
Odors ..... Yes
Stressed vegetation ..... None
Other signs of obvious contamination ..... None

Laboratory results:

TABLE OF SAMPLE RESULTS
ANDERSON PROPERTY
HUB CITY, WISCONSIN

Soil Sample Number	Sample Location	Sample Depth	Soil Type	Date Collected	Sample Odor	Lab Results	Analysis Performed
SS-1	South End of West Tank	5'	SM - Silty Sand	11-11-92	Yes	20 mg/Kg	GRO
SS-2	North End of West Tank	5'	SM - Silty Sand	11-11-92	Yes	13 mg/Kg	GRO
SS-3	South End of East Tank	5'	SM - Silty Sand	11-11-92	Yes	10,000 mg/Kg	GRO
SS-4	North End of East Tank	5'	SM - Silty Sand	11-11-92	Yes	2,300 mg/Kg	GRO
SS-5	Pump Island	2'	SM - Silty Sand	11-11-92	No	<1.1 mg/Kg	GRO
SS-6	Pipe Run	2'	SM - Silty Sand	11-11-92	No	<1.0 mg/Kg	GRO

PROCEDURES

Soil sampling methods and procedures:

Using a new clean plastic syringe and gloved hand, each soil sample was collected and placed in a tared 60 ml VOC vial containing 25 mls of laboratory grade methanol. Soil samples were collected from native soils below the former tank bed.

Samples collected were then placed in a cooler and packed with ice and hand delivered to Mid-State Associates Inc. of Baraboo, Wisconsin the same day of sampling.

Equipment cleaning methods:

All equipment used on-site was washed with Alconox solution and rinsed with potable water prior to collection of each sample.

Field instrument methods and observations:

No field instrument was used.

DISPOSAL OF THE TANK AND TANK CONTENTS

Firm cleaning tank:

Marell, Inc.

Firm handling tank product:

Marell, Inc.

Type of product:

Gasoline

Tank sludge:

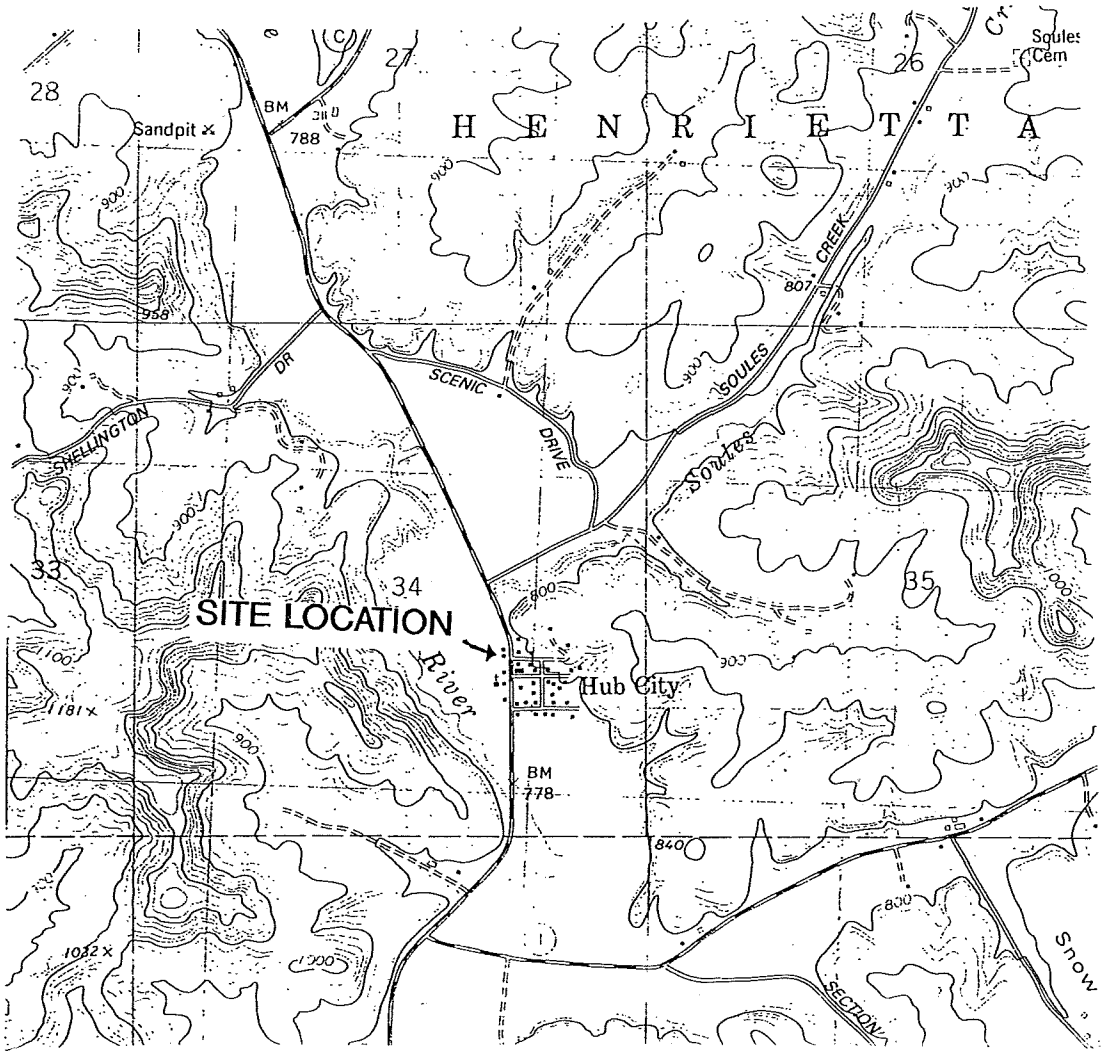
One gallon of sludge and 1,000 gallons of contaminated water were shipped to SOCO of LaCrosse by Marell, Inc.

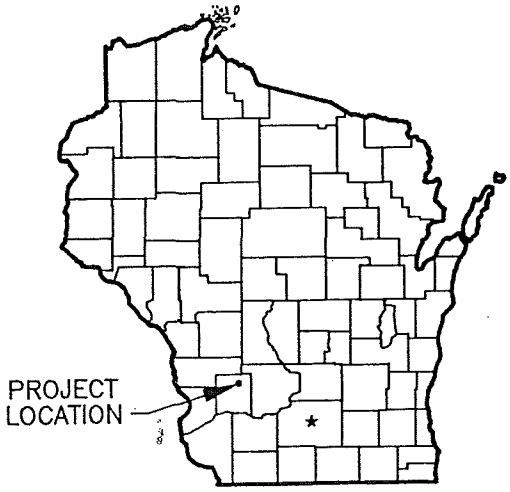
Tank handling:

Marell, Inc.

CONCLUSIONS AND RECOMMENDATIONS

Stained soils and petroleum odors were noted in the area of the gasoline tanks. The samples in the area of the gasoline tanks did contain petroleum products in excess of Wisconsin Department of Natural Resources guidelines. Therefore, additional investigation is required under Wisconsin Statute 144.76 to determine the nature and extent of this contamination in the soil and groundwater.





2000 0 2000

SCALE IN FEET
1 INCH = 2000 FT.

N
W E
S

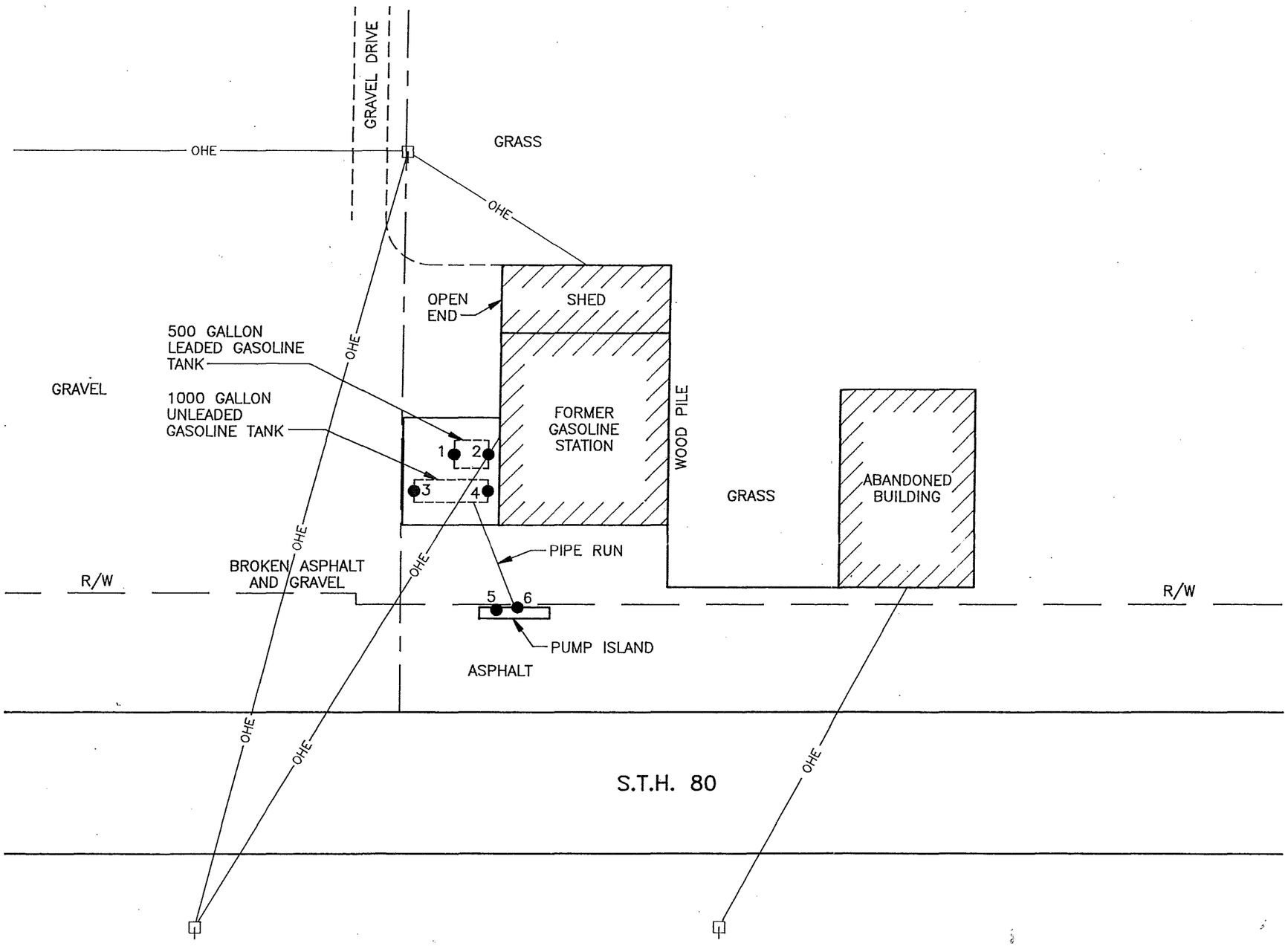
Rockbridge Quadrangle
Wisconsin–Richland Co.
7.5 Minute Series (Topographic)
NE/4 Richland Center 15' Quadrangle
Contour Interval 20 Feet
1983

FIGURE 1
SITE LOCATION MAP

ANDERSON PROPERTY
HUB CITY, WISCONSIN

MSA

21926501



MSA
1230 South Blvd.
Baraboo, Wisconsin
53913
608·356·2771
MID-STATE ASSOCIATES, INC.
Engineers · Architects · Planners · Surveyors · Scientists

LEGEND

- SOIL SAMPLE
- POWER POLE
- OHE — OVERHEAD ELECTRIC
- APPROXIMATE PROPERTY LINE
- R/W — HIGHWAY RIGHT-OF-WAY

W S E N

20 0 20

SCALE IN FEET

FIGURE 2
SITE LAYOUT MAP
ANDERSON PROPERTY
HUB CITY, WISCONSIN

APPENDIX A

Underground Petroleum Product Tank Inventory Check List for Underground Tank Closure

Wisconsin Department of Industry, Labor and Human Relations

Complete one form for each site closure.

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

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

1. Site Name	2. Owner Name
Fred Anderson Property	Fred Anderson
Site Street Address (not P.O. Box)	Owner Street Address
Route 3 (State Highway 80)	Rt. 3 Box 223
☐ City ☒ Village ☒ Town of:	☒ City ☐ Village ☐ Town of:
Hub City Henrietta	Richland Center
State: WI	State: WI
Zip Code: 53581	Zip Code: 53581
County: Richland	County: Richland
	Telephone No. (include area code): ( )

3. Closure Company Name (Print)	Closure Company Street Address,
MaRELL INC	Rt2 Box 190
Closure Company Telephone No. (include area code)	Closure Company City, State, Zip Code
(608) 489-2546	Hillsboro, Wi 54634
4. Name of Company Performing Closure Assessment	Assessment Company Street Address, City, State, Zip Code
Mid-State Associates Inc.	1230 South Blvd. Baraboo, WI 53913

Telephone # (include area code)	Certified Assessor Name (Print)	Assessor Signature	Assessor Certification No.
(608) 356-2771	Jayne Englebert	Jayne Englebert	03375

Tank ID #	Closure	Temp. Closure	Closure In Place	Tank Capacity	Contents *	Closure Assessment
1.	☒	☐	☐	500	02	☒ Y ☐ N
2.	☒	☐	☐	1000	03	☒ Y ☐ N
3.	☐	☐	☐			☐ Y ☐ N
4.	☐	☐	☐			☐ Y ☐ N
5.	☐	☐	☐			☐ Y ☐ N
6.	☐	☐	☐			☐ Y ☐ 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 numbers(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	Remover Verified	Inspector Verified	NA
Written inspector approval of temporary closure obtained, which is effective until (provide date) _____	☐ Y ☐ N	☐	☐
1. Product Removed			
a. Product lines drained into tank (or other container) and resulting liquid removed, AND	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating temporary closure.	☐ Y ☐ N	☐	☐

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

- CONTINUE ON NEXT PAGE -

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.	☒ Y ☐ N	☐	☐
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.	☒ Y ☐ N	☐	☐
13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal.	☒ Y ☐ N	☐	☐
14. Site security is provided while the excavation is open.	☐ Y ☒ N	☐	☐

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).			
2. Piping disconnected from tank and removed.	☐ Y ☐ N	☐	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☐ Y ☐ N	☐	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☐ Y ☐ N	☐	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☐ Y ☐ N	☐	☐
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.	☐ Y ☐ N	☐	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☐ Y ☐ N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☐ Y ☐ N	☐	☐
9. Tank properly cleaned to remove all sludge and residue.	☐ Y ☐ N	☐	☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	☐ Y ☐ N	☐	☐
11. Vent line disconnected or removed.	☐ Y ☐ N	☐	☐
12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.	☐ Y ☐ N	☐	☐

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.	☒ Y ☐ N	☐	☐
2. Do points of obvious contamination exist?	☒ Y ☐ N	☐	☐
3. Are there strong odors in the soils?	☒ Y ☐ N	☐	☐
4. Was a field screening instrument used to pre-screen soil sample locations?	☐ Y ☒ N	☐	☐
5. Was a closure assessment omitted because of obvious contamination?	☒ Y ☐ N	☐	☐
6. Was the DNR notified of suspected or obvious contamination?	☐ Y ☐ N	☐	☐

Agency, office and person contacted: WDNR - Southern District - Meg Raatz

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

Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground. Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☒ Dry Ice

Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area. Dry ice evaporated before proceeding.

☐ Inert Gas (CO/2 or N/2) NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent. Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☐ Tank atmosphere monitored for flammable or combustible vapor levels.

Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

G. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

10/22/92 written Notice to David Foth Fire Chief

H. REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
Elgin Herbeck	Elgin Herbeck	00105	11/12/92

I. INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Certification No.

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed

Wisconsin Department of Industry, Labor and Human Relations

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Information Required By Sec. 102.142, Wis. Stats.

Send Completed Form To:
Safety & Buildings Division
P.O. Box 7969
Madison, WI 53707
Telephone (608) 267-5280

For Office Use Only:
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 (included 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

This registration applies to a tank that is (check one):
1A. ☐ In Use or 1B. ☐ Newly Installed
2. ☐ Abandoned With Product
3. ☐ Abandoned No Product (empty) or With Water
4. ☒ Closed - Tank Removed
6. ☐ Closed - Filled With Inert Material
7. ☐ Out of Service - Provide Date: _____
8. ☐ Changed Ownership (Indicate new owner below)

Fire Department Providing Fire Coverage Where Tank Located:

A. IDENTIFICATION: (Please Print)

1. Tank Site Name	Site Address	Site Telephone No.
Anderson Property	Route 3 (State Highway 80)	( )

☐ City ☒ Village ☒ Town of:	State	Zip Code	County
Unincorporated Hub City Henrietta	WI	53581	Richland

2. Owner Name (mail sent here unless indicated otherwise in #3 below)	Owner Mailing Address (mail sent here unless indicated otherwise in #3)
Fred Anderson	RT. 3 Box 223

☒ City ☐ Village ☐ Town of:	State	Zip Code	County
Richland Center	WI	53581	Richland

3. Alternate Mailing Name If Different Than #2	Alternate Mailing Street Address If Different From #2

☐ City ☐ Village ☐ Town of:	State	Zip Code	County

4. Tank Age (date installed, if known: or years old)	5. Tank Capacity (gallons)	6. Tank Manufacturer's Name (if known)
1959	1000	

B. TYPE OF USER (check one):
1. ☒ Gas Station 2. ☐ Bulk Storage 3. ☐ Utility 4. ☐ Mercantile
5. ☐ Industrial 6. ☐ Government 7. ☐ School 8. ☐ Residential
9. ☐ Agricultural 10. ☐ Other (specify): _____

C. TANK CONSTRUCTION:
1. ☑ Bare Steel 2. ☐ Cathodically Protected and Coated Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (specify): _____
6. ☐ Relined - Date _____ 7. ☐ Steel - Fiberglass Reinforced Plastic Composite 9. ☐ 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. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring 4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring 6. ☐ Not required at present 7. ☐ Manual Tank Gauging (only for tanks of 1,000 gallons or less)

D. PIPING CONSTRUCTION
1. ☒ Bare Steel 2. ☐ Cathodically Protected and Coated or Wrapped Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current) 3. ☐ Coated Steel
4. ☐ Fiberglass 5. ☐ Other (specify): _____ 9. ☐ Unknown

Piping System Type: 1. ☐ Pressurized piping with: A. ☐ auto shutoff; B. ☐ alarm; or C. ☐ flow restrictor 2. ☐ Suction piping with check valve at tank
3. ☐ Suction piping with check valve at pump and inspectable

Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring
3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line Leak Detector 6. ☐ Not Required

Approval: 1. ☐ Nat'l Std 2. ☐ UL 3. ☐ Other: | Double Walled: ☐ Yes ☐ No

E. TANK CONTENTS
1. ☐ Diesel 2. ☐ Leaded 3. ☒ Unleaded 4. ☐ Fuel Oil
5. ☐ Gasohol 6. ☐ Other 7. ☐ Empty 8. ☐ Sand/Gravel/Slurry
9. ☐ Unknown 10. ☐ Premix 11. ☐ Waste Oil 12. ☐ Propane
13. ☐ Chemical * _____ _____ _____ 14. ☐ Kerosene 15. ☐ Aviation

* If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste.

If Tank Closed, Give Date (mo/day/yr):	Has a site assessment been completed? (see reverse side for details)
11/11/92	☒ Yes ☐ No

If installation of a new tank is being reported, indicate who performed the installation inspection:
1. ☐ Fire Department 2. ☐ DILHR 3. ☐ Other (identify) _____

Name of Owner or Operator (please print):	Indicate Whether:
Fred Anderson	☒ Owner or ☐ Operator

Signature of Owner or Operator:	Date Signed:
Fred Anderson	11-11-92

SBD-7437 (R. 12/91)

IMPORTANT: Complete as many items on this form as possible. Failure to provide sufficient

Wisconsin Department of Industry, Labor and Human Relations

For Office Use Only:
Tank ID #

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Information Required By Sec. 102.142, Wis. Stats.

Send Completed Form To:
Safety & Buildings Division
P.O. Box 7969
Madison, WI 53707
Telephone (608) 267-5280

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 (included 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

This registration applies to a tank that is (check one):
1A. ☐ In Use or 1B. ☐ Newly Installed
2. ☐ Abandoned With Product
3. ☐ Abandoned No Product (empty) or With Water
4. ☒ Closed - Tank Removed
6. ☐ Closed - Filled With Inert Material
7. ☐ Out of Service - Provide Date: _____
8. ☐ Changed Ownership (Indicate new owner below)

Fire Department Providing Fire Coverage Where Tank Located:

A. IDENTIFICATION: (Please Print)

1. Tank Site Name	Site Address	Site Telephone No.
Anderson Property	Route 3 (State Highway 80)	( )

☐ City ☒ Village ☒ Town of:	State	Zip Code	County
Unincorporated Hub City Henrietta	WI	53581	Richland

2. Owner Name (mail sent here unless indicated otherwise in #3 below)	Owner Mailing Address (mail sent here unless indicated otherwise in #3)
Fred Anderson	RT. 3 Box 223

☒ City ☐ Village ☐ Town of:	State	Zip Code	County
Richland Center	WI	53581	Richland

3. Alternate Mailing Name If Different Than #2	Alternate Mailing Street Address If Different From #2

☐ City ☐ Village ☐ Town of:	State	Zip Code	County

4. Tank Age (date installed, if known: or years old)	5. Tank Capacity (gallons)	6. Tank Manufacturer's Name (if known)
1959	500	

B. TYPE OF USER (check one):
1. ☒ Gas Station 2. ☐ Bulk Storage 3. ☐ Utility 4. ☐ Mercantile
5. ☐ Industrial 6. ☐ Government 7. ☐ School 8. ☐ Residential
9. ☐ Agricultural 10. ☐ Other (specify): _____

C. TANK CONSTRUCTION:
1. ☒ Bare Steel 2. ☐ Cathodically Protected and Coated Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel 4. ☐ Fiberglass 5. ☐ Other (specify): _____
6. ☐ Relined - Date _____ 7. ☐ Steel - Fiberglass Reinforced Plastic Composite 9. ☐ 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. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring 4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring 6. ☐ Not required at present 7. ☐ Manual Tank Gauging (only for tanks of 1,000 gallons or less)

D. PIPING CONSTRUCTION
1. ☒ Bare Steel 2. ☐ Cathodically Protected and Coated or Wrapped Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current) 3. ☐ Coated Steel
4. ☐ Fiberglass 5. ☐ Other (specify): _____ 9. ☐ Unknown

Piping System Type: 1. ☐ Pressurized piping with: A. ☐ auto shutoff; B. ☐ alarm; or C. ☐ flow restrictor 2. ☐ Suction piping with check valve at tank
3. ☐ Suction piping with check valve at pump and inspectable

Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring
3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line Leak Detector 6. ☐ Not Required

Approval: 1. ☐ Nat'l Std 2. ☐ UL 3. ☐ Other:	Double Walled: ☐ Yes ☐ No

E. TANK CONTENTS
1. ☐ Diesel 2. ☒ Leaded 3. ☐ Unleaded 4. ☐ Fuel Oil
5. ☐ Gasohol 6. ☐ Other 7. ☐ Empty 8. ☐ Sand/Gravel/Slurry
9. ☐ Unknown 10. ☐ Premix 11. ☐ Waste Oil 12. ☐ Propane
13. ☐ Chemical * _____ _____ _____ 14. ☐ Kerosene 15. ☐ Aviation

* If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste.

If Tank Closed, Give Date (mo/day/yr):	Has a site assessment been completed? (see reverse side for details)
11/11/92	☒ Yes ☐ No

If installation of a new tank is being reported, indicate who performed the installation inspection:
1. ☐ Fire Department 2. ☐ DILHR 3. ☐ Other (identify) _____

Name of Owner or Operator (please print):	Indicate Whether:
Fred Anderson	☒ Owner or ☐ Operator
Signature of Owner or Operator: Fred Anderson	Date Signed: 11-11-92

SBD-7437 (R. 12/91) IMPORTANT: Complete as many items on this form as possible. Failure to provide sufficient information

APPENDIX B

Disposal of Tank Contents Documentation

Underground Tank Removal
Site Assessments and Soil Testing

MARELL INC.
Hillsboro, Wisconsin 54634

Elgin Herbeck
608-489-2546

Tanya Herbeck
608-489-3685

Fred Anderson Hub City Site
1 gallon sludge
1000 gallons contaminated Water
Shipped to SOCO with ID #
WID009783531 the product
Was shipped under WID#988587580

MARELL INC
Tanya Herbeck

MARELL INC.

Hillsboro, Wi. 54634

608-489-2546

FIELD CHAIN OF CUSTODY REPORT

Project: Fred Anderson Hub City

Shipped By: _____

Shipped To: Marell Inc. - - - Hillsboro, Wisconsin

Tank Identification;

Tank Size (gallons)	Tank Dimensions	Product
500	4'X6'	gas
1000	42"X12'	gas

NOTES:

Tanks to be scrapped out.

Released By: _____ Date: _____

Signature: _____

Received By: Marell Inc. _____ Date: 11/11/92

Signature: Tanya Verbeck

Shipment Method: Truck Shipped By: Marell Inc

Shipping Date: 11/11/92

APPENDIX C

Laboratory Results

MID-STATE ASSOCIATES, INC.

LEAKING UNDERGROUND STORAGE TANK PROGRAM

CLIENT: MSA PROJ.#219265 - ANDERSON PROP.

WORK ORDER #: 14182

TEMPERATURE INFORMATION: ON ICE

Upon receipt, samples are logged in and given lab I.D. numbers. Once the Chain of Custody has been signed, dated and the proper sample I.D. number is recorded, the sample is then transported to a laboratory refrigerator. The sample refrigerator is maintained and checked daily for a required temperature of 2-4°C. Samples remain refrigerated until ready to be analyzed. Results for non-aqueous samples are reported on a dry weight basis. All methods used are specified in the LUST Analytical Guidance Manual April 1992; Part 3 Table I and II. Unless otherwise noted, the condition of all samples is good. {METHOD KEY: GRO=WDNR Modified GRO, DRO=WDNR Modified DRO, TRPH=WDNR Modified 9073 TRPH, GRO/PVOC=WDNR Modified GRO/PVOC}

Sample I.D. #	Method	Date Sampled	Date Sample Received	Date Sample Ext./Dig.	Date Sample Analyzed
111192-070 TO 111192-071 & 111192-074 TO 111192-076	GRO	11-11-92	11-11-92	11-11-92	11-12-92
111192-072	GRO	11-11-92	11-11-92	11-11-92	11-17-92
111192-073	GRO	11-11-92	11-11-92	11-11-92	11-16-92

COMMENTS:

MID-STATE ASSOCIATES, INC.
Environmental and Analytical Services
1230 Lange Ct
Baraboo, WI 53913
608 - 356 - 1777

Anderson Property MSA Proj.#219265

Client # : 0249
REF # : 1-4182
Sample ID # 111192-070
Report Date 12/2/92
Sample Date 11/11/92

Site Description : S. END OF W. TANK

TEST NAME	Result	Units
78920 GRO	20*	mg/Kg

Notes :
*SAMPLE WEIGHT GREATER THAN PROCEDURE WEIGHT, COULD NOT OBTAIN A PROPER RATIO BETWEEN SAMPLE AND METHANOL.

Submitted by

WI DNR LAB CERTIFICATION # 157066030
DHSS CERTIFICATION # MW0289

MID-STATE ASSOCIATES, INC.
Environmental and Analytical Services
1230 Lange Ct
Baraboo, WI 53913
608 - 356 - 1777

Anderson Property MSA Proj.#219265

Client # : 0249
REF # : 1-4182
Sample ID # 111192-071
Report Date 12/2/92
Sample Date 11/11/92

Site Description : N. END OF W. TANK

TEST NAME	Result	Units
78920 GRO	13	mg/Kg

Notes :

Submitted by

WI DNR LAB CERTIFICATION # 157066030
DHSS CERTIFICATION # MW0289

MID-STATE ASSOCIATES, INC.
Environmental and Analytical Services
1230 Lange Ct
Baraboo, WI 53913
608 - 356 - 1777

Anderson Property MSA Proj.#219265

Client # : 0249
REF # : 1-4182
Sample ID # 111192-072
Report Date 12/2/92
Sample Date 11/11/92

Site Description : S. END OF E. TANK

TEST NAME	Result	Units
78920 GRO	10,000*	mg/Kg

Notes :

*SAMPLE CONTAINS FRACTIONS LIGHTER AND HEAVIER THAN THE GRO HYDROCARBONS.

Submitted by

WI DNR LAB CERTIFICATION # 157066030
DHSS CERTIFICATION # MW0289

MID-STATE ASSOCIATES, INC.
Environmental and Analytical Services
1230 Lange Ct
Baraboo, WI 53913
608 - 356 - 1777

Anderson Property MSA Proj.#219265

Client # : 0249
REF # : 1-4182
Sample ID # 111192-073
Report Date 12/2/92
Sample Date 11/11/92

Site Description : N. END OF E. TANK

TEST NAME	Result	Units
78920 GRO	2,300*	mg/Kg

Notes :
*SAMPLE CONTAINS A FRACTION LIGHTER AND HEAVIER THAN THE GRO HYDROCARBONS.

Submitted by

WI DNR LAB CERTIFICATION # 157066030
DHSS CERTIFICATION # MW0289

MID-STATE ASSOCIATES, INC.
Environmental and Analytical Services
1230 Lange Ct
Baraboo, WI 53913
608 - 356 - 1777

Anderson Property MSA Proj.#219265

Client # : 0249
REF # : 1-4182
Sample ID # 111192-074
Report Date 12/2/92
Sample Date 11/11/92

Site Description : PUMP ISLAND

TEST NAME	Result	Units
78920 GRO	<1.1*	mg/Kg

Notes :
*SAMPLE WEIGHT GREATER THAN NORMAL PROCEDURE WEIGHT, COULD NOT OBTAIN A PROPER RATIO BETWEEN SAMPLE AND METHANOL.

Submitted by

WI DNR LAB CERTIFICATION # 157066030
DHSS CERTIFICATION # MW0289

MID-STATE ASSOCIATES, INC.
Environmental and Analytical Services
1230 Lange Ct
Baraboo, WI 53913
608 - 356 - 1777

Anderson Property MSA Proj.#219265

Client # : 0249
REF # : 1-4182
Sample ID # 111192-075
Report Date 12/2/92
Sample Date 11/11/92

Site Description : PIPE RUN

TEST NAME	Result	Units
78920 GRO	<1.0*	mg/Kg

Notes :
*SAMPLE WEIGHT GREATER THAN PROCEDURE WEIGHT, COULD NOT OBTAIN A PROPER RATIO BETWEEN SAMPLE AND METHANOL.

Submitted by

WI DNR LAB CERTIFICATION # 157066030
DHSS CERTIFICATION # MW0289

MID-STATE ASSOCIATES, INC.
Environmental and Analytical Services
1230 Lange Ct
Baraboo, WI 53913
608 - 356 - 1777

Anderson Property MSA Proj.#219265

Client # : 0249
REF # : 1-4182
Sample ID # 111192-076
Report Date 12/2/92
Sample Date 11/11/92

Site Description : METHANOL BLANK

TEST NAME	Result	Units
78920 GRO	1.5	mg/Kg

Notes :

Submitted by

WI DNR LAB CERTIFICATION # 157066030
DHSS CERTIFICATION # MW0289

MID-STATE ASSOCIATES, INC.
ENVIRONMENTAL AND ANALYTICAL SERVICES
1230 LANGE COURT
BARABOO, WI 53913
(608) 356-1777 FAX: (608) 356-7340

Project#: 219265

Proj. Name: Anderson Property

Client Name/Number:

FILL IN ANALYSIS NEEDED BELOW: GRO

Remarks: all soil

Date	Time	Comp	Grab	Sample Description	Sample#	Number of Containers	Pres.	Sample I.D. #'s:
11/11/92	8:15		✓	south end of west tank	1	3		111192-070
11/11/92	8:20		✓	north end of west tank	2	3		-071
11/11/92	8:45		✓	South end of East Tank	3	3		-072
11/11/92	8:50		✓	north end of East tank	4	3		-073
11/11/92	9:15		✓	Pump Island	5	3		-074
11/11/92	9:30		✓	Pipe Run	6	3		-075
11/11/92	9:00		✓	Methanol Blank	7	1		111192-076

Space Below For Laboratory Use

Sampled By: Jayne Englebert and Kelly Anstett

Relinquished By: Kelly Anstett — Date: 11/11/92 — Time: 1:20 pm

Received By: — Date: — Time:

Received By Lab: Shawn M. — Date: 11/11 — Time: 1:45

Remarks:

CHECKED

Date Sample Disposed of:

Sample Shipped Via: ___UPS ___Fed. Exp. ✓Hand ___U.S. Mail

Sample Status:

Deg. C: on ice pH:

APPENDIX D

Photographs of Closure Proceedings

Photo A (above). View of the site showing location of tanks in respect to the building.

Photo B (below). View of gray stained soil below 500-gallon leaded gasoline tank.

Photo C (above). View of excavated 500-gallon leaded gasoline tank. Note the tank is in fairly good condition with no obvious holes or deep pitting.

Photo D (below). View of excavated 1,000-gallon unleaded gasoline tank. Again, the tank is in fairly good condition, no obvious holes or deep pitting.