

<250 ppm DRO/GRO Review

To _____

Pending BRRTS # ⁰⁹ 44-548308

Date Received 11-16-06

Resolved BRRTS # _____

Site Name Willow Store

Decisions (check all that apply)

BRRTS Tracking

LUST

ERP

No Action Required (see Back)

Spill

Close under 708.09

RP Notified

Status Unclear Flag

Requested more information

Comment: _____

Letters Needed

RP Letter

NFA Letter (708.09)

Requested by RP

\$250 fee paid

General Liability
Clarification Letter

Requested by non-RP
(Forward to Dan)

\$500 fee paid

Date _____

Additional BRRTS Tracking or Comments

NAR Tracking

Choose from the codes below for NAR sites (you can choose more than one code but only one of them can be an 800 code)

33 – Tank Closure Site Assessment Report Received

43 – Status Update

99 - Miscellaneous

801 – No Detect or Low Level Contamination

803 – RP Letter Rescinded and or site removed from LUST or ERP

804 – Traditional Superfund Assessment (PA, SSI, ESI, and/or IA)

805 – Licensed Landfill or Historic Fill Site

* PA Note: Add “NORFILES” to the file location line in BRRTS

09-44-548308



REGULATORY COMPLIANCE
INVESTIGATIONS/REMEDIATIONS
ENVIRONMENTAL SITE ASSESSMENTS

UST Site Assessment Report

Full-service

consulting & compliance

SOLUTIONS.

Site Address:

Wilderness Cruises
4973 Willow Dam Road
Town of Little Rice,
Hazelhurst, Wisconsin

Prepared For:

Mr. Tom Tiffany
Willow Incorporated
4973 Willow Dam Road
Hazelhurst, Wisconsin 54531

Prepared by

Bay Environmental Strategies, Inc.

November 2006

November 16, 2006

Mr. Tom Tiffany
Willow Inc.
4973 Willow Dam Road
Hazelhurst, Wisconsin

Dear Mr. Tiffany:

Re: UST Site Assessment Report
Wilderness Cruises, 4973 Willow Dam Road, Town of Little Rice, Hazelhurst, Wisconsin

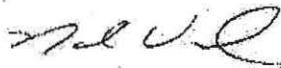
Bay Environmental Strategies, Inc. (BAY) is pleased to submit the enclosed Underground Storage Tank (UST) Site Assessment Report for two 2,500-gallon unleaded gasoline USTs removed from the above referenced property on October 27, 2006.

A total of six soil samples were collected below the USTs at the time of removal and submitted for laboratory analysis of gasoline range organics (GRO). Laboratory analysis did not show the presence of petroleum-related contamination.

Please keep this report on file in the event for future inquiries. As required, a copy of this report is being provided to the Wisconsin Department of Natural Resources. If you have any questions or comments regarding the contents of the enclosed report, please contact BAY at (920) 433-0300.

Sincerely,

BAY ENVIRONMENTAL STRATEGIES, INC.



Noel Versch, CHMM
Project Manager

enclosure

cc: Ms. Anna Kazda, Program Assistant, WDNR Northern Region, 107 Sutliff Avenue, Rhinelander, WI 54501
Arnie Koller, American Remediation & Supply w/o enclosure

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ENCLOSURE A

Figure 1 - Site Location Map

Figure 2 - Site Layout Map

ENCLOSURE B

Copies of Lab Reports and Chain-of-Custody Forms

A. SITE BACKGROUND INFORMATION

1. Site Owner and UST System Owner/Operator:

Mr. Tom Tiffany
Willow Inc.
4973 Willow Dam Road
Hazelhurst, Wisconsin

2. Address of Tank Site:

4973 Willow Dam Road
Town of Little Rice, Hazelhurst, Wisconsin

3. Legal Description of Site:

NE1/4 of the SW1/4, Section 10, T37N, R05E

4. Certified Site Assessor:

Mr. Noel Versch
Bay Environmental Strategies, Inc.
529 S. Jefferson St, Suite 10
Green Bay, Wisconsin 54301
Site Assessor #640789

5. Site Assessment Subcontractors:

Not applicable

6. Summary of Past and Present Property Use:

The property has historically been used as a commercial property. The property is being converted to a private residence.

7. Description of Tanks Previously Closed/Removed:

The following tanks were listed on the Wisconsin Department of Commerce tank database as being "Closed/Removed" at 4973 Willow Dam Road, Hazelhurst, Wisconsin:

Tank Type	Tank ID	Facility ID	Contents	Size (gals)	Cust ID	Owner
UST	313128	146166	Fuel Oil	560	382552	Willow Inc.

8. Results of Tank Tightness Tests (if performed):

Unknown.

9. Information of Past System Leaks or Repairs:

Unknown.

10. Results of Previous Investigations:

A search of the WDNR's Bureau of Remediation and Redevelopment Program System (BRRTS) revealed the following cases and investigations at the property:

WDNR BRRTS#	Type	Site Name	Status
03-44-102552	LUST	Willow Store Dispenser Island	Closed

11. Other Gas Stations/LUST sites on Surrounding Properties:

A search of the WDNR's Bureau of Remediation and Redevelopment Tracking System (BRRTS) did not identify any other Gas Stations/LUST site on surrounding properties.

12. Estimated Depth to Groundwater and Local Groundwater Use:

Groundwater was not encountered during the tank removal. Potable water is provided by private well located on the property.

B. TANK CLEANING AND DISPOSAL

1. Method of Tank Closure:

Removal.

2. Date of Removal:

October 27, 2006.

3. Certified Cleaner/Remover:

Mr. Arnold Koller
American Remediation & Supply
N6431 County Rd H
Luxemburg, Wisconsin
(920) 845-2815

4. Subcontractors:

Dick Fuhrman & Son Bulldozing
Hazelhurst, Wisconsin
(715) 356-5084

5. Description of Tank(s) Removed:

TANK ID	SIZE	AGE	SUBSTANCE STORED
313266	2500-gal	21 years (1985)	Unleaded Gasoline
313267	2500-gal	21 years (1985)	Unleaded Gasoline

6. Number of UST(s) Remaining on site:

There are no known USTs remaining on site.

C. TANK CLEANING AND DISPOSAL

1. Handling of Any Cleaning Wastewater:

None generated.

2. Location Where Tank Was Cleaned:

On-site.

3. Firm Dismantling, Transporting, and Disposing Tank(s):

American Remediation & Supply, Inc.

D. TANK LIQUID MANAGEMENT

1. Types of Liquids:

Unleaded Gasoline.

2. Quantity of Liquids:

55-gallons.

3. Final Disposition of Liquids:

Coordinated by property owner.

4. Name of Firm(s) Storing, Transporting, and/or Recycling Liquids:

Not applicable.

E. TANK SLUDGE MANAGEMENT

1. Type(s) of Sludge: Not applicable

2. Quantity of Sludge: Not applicable

3. Waste Characterization Data: Not applicable

4. Copies of Hazardous Waste Manifest and EPA Generator I.D. Numbers (if manifested): Not applicable

5. Final Deposition of Sludge: Not applicable

6. Name of Firm(s) Storing, Transporting, and/or Recycling Liquids: Not applicable

F. SITE LOCATION MAP

See Enclosure A, Figure 1.

G. SITE LAYOUT PLAN

See Enclosure A, Figure 2.

H. VISUAL INSPECTION

Information related to the visual inspection performed by BAY is provided below.

1. Weather Conditions:

- a. Temperature-** 30 to 40 degrees Fahrenheit
- b. Precipitation-** None

2. Site Conditions:

- a. Surface staining present- No.
- b. Stressed or dead vegetation present-No.
- c. Previously undiscovered or unregistered tanks present- No.

3. Excavation:

- a. Excavation depth- Approximately 8.0 feet below grade.
- b. Free product, if present- Not present.
- c. Obvious odors, if present- No.
- d. Soil discoloration, if present- No.
- e. Oil sheen on excavation water, if present- No.
- f. Soil type/profile, including backfill- Sand.
- g. Free Standing water, if present- No.
 - (1) Type of water (runoff, groundwater, perched)- Not applicable.
 - (2) Depth to water- Not applicable.
 - (3) Results of pump-out test (if conducted)- Not applicable.
 - Depth to water- Not applicable.
 - Results of pump out tests- Not applicable.

4. Tank System Components:

- a. Tank(s) Condition- Good, steel tank. No holes or pitting noted.
- b. Piping Condition- NA.
- c. Possible Leak Locations- Not applicable.

I. SOIL SAMPLING

1. Soil Sample Data Presentation:

Sample ID	Date	Location	Depth (feet)	GRO (ppm)	Petroleum Odor?	Soil Type (USCS)
S-1	10/27/06	Tank #1, West	8.0 -10.0	<1.0	No	SM
S-2	10/27/06	Tank #1, Center	8.0 -10.0	<1.0	No	SM
S-3	10/27/06	Tank #1, East	8.0 -10.0	<1.0	No	SM
S-4	10/27/06	Tank #2, West	8.0 -10.0	<1.0	No	SM
S-5	10/27/06	Tank #2, Center	8.0 -10.0	<1.0	No	SM
S-6	10/27/06	Tank #2, East	8.0 -10.0	<1.0	No	SM

2. Field Screening Results (if applicable): Not applicable

3. Lab Reports:

A copy of the lab report is located in Enclosure B.

J. DISCUSSION

Two 2,500-gallon unleaded gasoline USTs at 4973 Willow Dam Road, Town of Little Rive, Hazelhurst, Wisconsin were removed on October 27, 2006. The tanks appeared to be in good condition at the time of removal with no obvious signs of deterioration. No evident releases of a petroleum substance was observed. Six soil samples were collected during the assessment and submitted for GRO analysis. Laboratory results did not indicate the presence of a petroleum release from the tank systems.



The Checklist for Tank Closure (Form ERS-7437) and Underground Flammable/Combustible/Hazardous Liquid Storage Tank Registration was completed by American Remediation & Supply.

Enclosure A

Figure 1 - Site Location Map

Figure 2 - Site Layout Map



Figure:	Figure 1 Site Location Map	
Site Location:	UST Site Assessment 4973 Willow Dam Road Hazelhurst, Wisconsin	
Source:	USGS Obtained from Topozone.com	Date: Nov 2006
		Scale: Drawn By: NMV

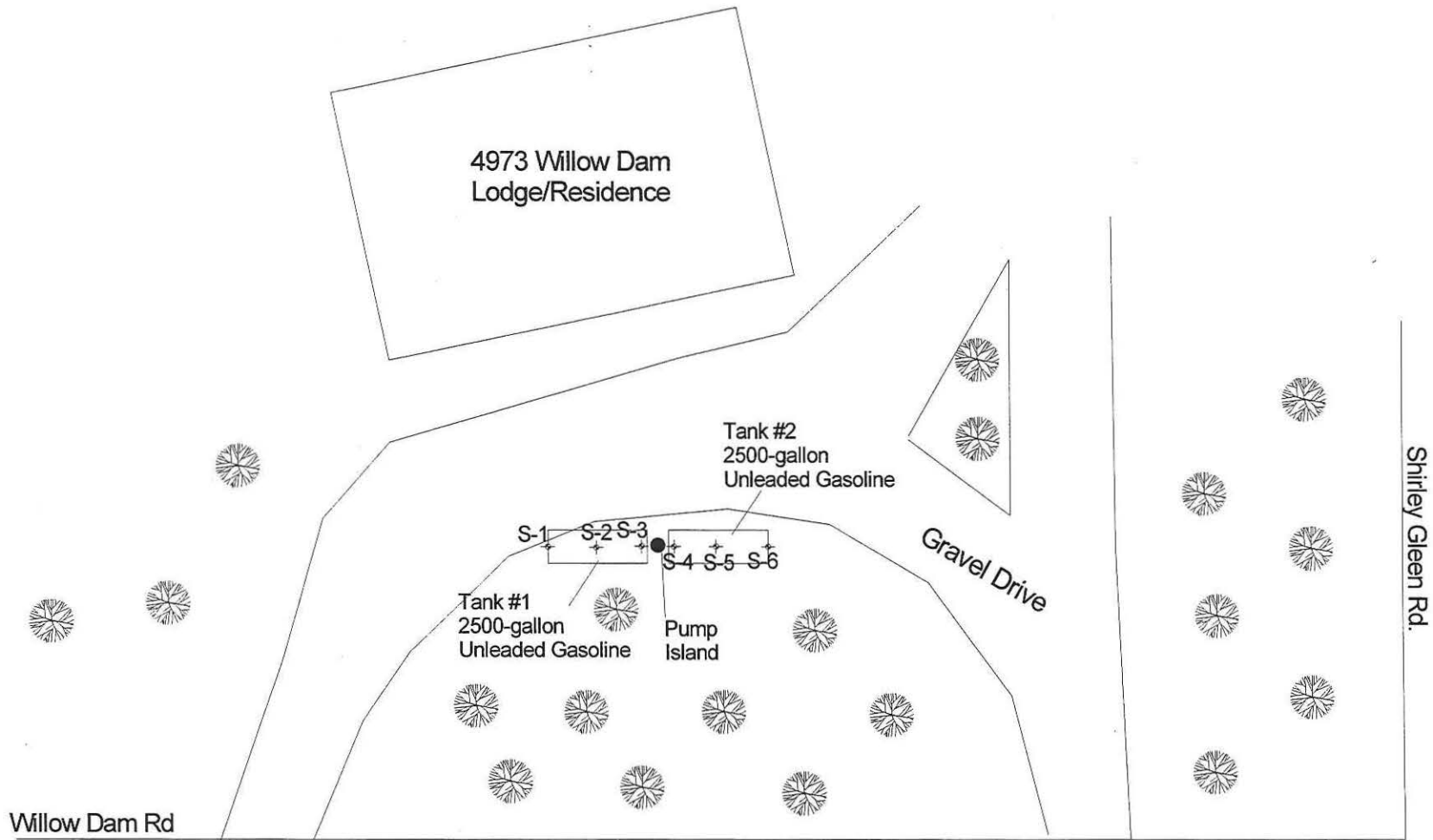




Figure:	Figure 2 Site Detail Map	
Site Location:	UST Site Assessment 4973 Willow Dam Road Hazelhurst, Wisconsin	
Source:		Client: Mr. Tom Tiffany Willow Inc.
		Date: Oct. 2006
		Scale: approx. 1" = 30'
		Drawn By: NMV

Enclosure B

Copies of Lab Reports and Chain-of Custody Forms

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Printed: 11/14/06 Code: S Page 2 of 2

Client: Bay Environmental Strategies Inc
Attn: Noel Versch
529 South Jefferson Street Suite #10
Green Bay, WI 54301 4125

NLS Project: 102737

NLS Customer: 91683

Fax: 920 433 9030 Phone: 800 576 2476

Project: Wilderness Cruises UST Assessment

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected (< LOD) 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by: 

Authorized by:
R. T. Krueger
President

WATER COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

CLIENT <i>Bay Env Strategies, Inc</i>	
ADDRESS <i>579 S Tatterson St, Ste 10</i>	
CITY <i>Green Bay</i>	STATE <i>WI</i>
ZIP <i>54301</i>	
PROJECT DESCRIPTION / NO. <i>Wilderness Cruises VST Assessment</i>	
QUOTATION NO.	
DNR FID #	DNR LICENSE #
CONTACT <i>Noel Versel</i>	PHONE <i>920 433-0300</i>
PURCHASE ORDER NO.	FAX <i>920 933 9030</i>

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

PARAMETER



NO. 87797

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS	PARAMETER										COLLECTION REMARKS (i.e. DNR Well ID #)		
			DATE	TIME			1	2	3	4	5	6	7	8	9	10			
1.	423424	S-1 Tank#1 West	10-27-06		Soil	GRO	X												
2.	423425	S-2 Tank#1: Center					X												
3.	423426	S-3 Tank#1: East					X												
4.	423427	S-4 Tank#2 West					X												
5.	423428	S-5 Tank#2 Center					X												
6.	423429	S-6 Tank#2 East					X												
7.																			
8.																			
9.																			
10.																			

COLLECTED BY (signature) <i>[Signature]</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <i>10/27/06</i>
RELINQUISHED BY (signature) <i>[Signature]</i>	RECEIVED BY (signature) <i>[Signature]</i>	DATE/TIME
DISPATCHED BY (signature) <i>[Signature]</i>	METHOD OF TRANSPORT <i>Via Courier</i>	DATE/TIME <i>10/30/06</i>

REPORT TO
*Noel Versel
Bay Environmental Strategies*

RECEIVED AT NLS BY (signature) <i>[Signature]</i>	DATE/TIME <i>10/31/06 11:30</i>	CONDITION <i>Good</i>	TEMP.
COOLER #	REMARKS & OTHER INFORMATION		
PRESERVATIVE: NP = no preservative S = sulfuric acid	N = nitric acid Z = zinc acetate M = methanol	OH = sodium hydroxide HA = hydrochloric & ascorbic acid H = hydrochloric acid	WDNR FACILITY NUMBER <i>10210</i>
E-MAIL ADDRESS			

INVOICE TO
[Signature]

IMPORTANT:

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS **REPORT TO** AND LISTED AS **INVOICE TO** AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

DUPLICATE COPY

AM. LE COLLECTION AND CHAIN OF CUSTODY RECORD

NORTHERN LAKE SERVICE, INC.

Wisconsin Lab Cert. No. 721026460
WI DATCP 105-000330

Analytical Laboratory and Environmental Services
400 North Lake Avenue • Crandon, WI 54520-1298
Tel: (715) 478-2777 • Fax: (715) 478-3060

CLIENT <i>Bay Env Strategies, Inc.</i>		
ADDRESS <i>579 S Jefferson St, Ste 10</i>		
CITY <i>Green Bay</i>	STATE <i>WI</i>	ZIP <i>54301</i>
PROJECT DESCRIPTION / NO. <i>Wilderness Cruises VST Assessment</i>		QUOTATION NO.
DNR FID #		DNR LICENSE #
CONTACT <i>Noel Versel</i>		PHONE <i>920 433-0300</i>
PURCHASE ORDER NO.		FAX <i>770 433 9030</i>

MATRIX:
SW = surface water
WW = waste water
GW = groundwater
DW = drinking water
TIS = tissue
AIR = air
SOIL = soil
SED = sediment
PROD = product
SL = sludge
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.
Indicate G or C if WW Sample is Grab or Composite.

ANALYZE PER ORDER OF ANALYSIS
GRO

PARAMETER



NO. 87797

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS										COLLECTION REMARKS (i.e. DNR Well ID #)				
			DATE	TIME																
1.	<i>423424</i>	<i>S-1 Tank#1 West</i>	<i>10-27-06</i>		<i>Soil</i>	<i>X</i>														
2.	<i>423425</i>	<i>S-2 Tank#1 Center</i>				<i>X</i>														
3.	<i>423426</i>	<i>S-3 Tank#1 East</i>				<i>X</i>														
4.	<i>423427</i>	<i>S-4 Tank#2 West</i>				<i>X</i>														
5.	<i>423428</i>	<i>S-5 Tank#2 Center</i>				<i>X</i>														
6.	<i>423429</i>	<i>S-6 Tank#2 East</i>				<i>X</i>														
7.																				
8.																				
9.																				
10.																				

COLLECTED BY (signature) <i>[Signature]</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <i>10/27/06</i>
RELINQUISHED BY (signature) <i>[Signature]</i>	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature) <i>[Signature]</i>	METHOD OF TRANSPORT <i>Via Courier</i>	DATE/TIME <i>10/30/06</i>

REPORT TO <i>Noel Versel</i> <i>Bay Environmental Strategies</i>
--

RECEIVED AT NLS BY (signature) <i>[Signature]</i>	DATE/TIME <i>10/30/06</i>	CONDITION <i>Good</i>	TEMP.
REMARKS & OTHER INFORMATION			
COOLER #	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

INVOICE TO <i>[Signature]</i>

IMPORTANT:

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
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