Northern Environmental℠
Hydrologists • Engineers • Geologists

1214 West Venture Court
Mequon, WI 53092
Fax 1-414-241-8222
1-414-241-3133
1-800-776-7140

Ozaukee SED

11/10/92

BRRTS #
09-46-291607

January 27, 1993
(CBG120783)

RECEIVED
JAN 28 93
BUREAU OF SOLID-HAZARDOUS WASTE MANAGEMENT

Mr. Robert Dreblow
City of Cedarburg
Post Office Box 49
W63 N645 Washington Avenue
Cedarburg, Wisconsin 53012

RE: Underground Storage Tank Closure Assessment, W59 N336 Johnson Street, Cedarburg, Wisconsin

Dear Mr. Dreblow:

Northern Environmental Technologies, Incorporated (Northern Environmental) completed an underground storage tank (UST) closure assessment on a 550 gallon leaded gasoline UST (Wisconsin Department of Industry, Labor, and Human Relations [WDILHR] tank registration #45130-183) that was removed from the Emergency Government Garage (EGG), W59 N336 Johnson Street, Cedarburg, Wisconsin. The site is referred to as "the Property" in the remainder of this letter. The Property is located in the southwest quarter of the northwest quarter of Section 35, Township 10 North, Range 21 East in Ozaukee County, Wisconsin (longitude 87 degrees, 58 minutes, 59 seconds west, latitude 43 degrees, 17 minutes, 17 seconds north)(Figure 1). The UST closure assessment was conducted in conformance with WDILHR UST closure assessment requirements (Reference 1). This report describes the methods used to complete the closure assessment, presents the findings, and describes the significance of these findings.

METHODS OF INVESTIGATION

The purpose of a UST closure assessment is to determine if stored product has been released from the UST system. Several investigative methods were employed to assess the potential presence of petroleum compounds in soil and/or ground-water in the vicinity of the former UST. These methods are described in more detail below. Photographs documenting field activities are available upon request from Northern Environmental.

Observation and Inspection of UST System Removal

Northern Environmental was retained by the City of Cedarburg to observe removal and complete a closure assessment for a 550-gallon leaded gasoline UST located near the northwest corner of the EGG (Figure 2). The UST was used to store leaded gasoline for use in emergency government vehicles and equipment. The City of Cedarburg contracted Petroleum Equipment,

nfa amf 2/2/93

Incorporated (PEI) (3950 West Douglas Avenue, Milwaukee, Wisconsin) to remove the UST in accordance with applicable regulations. The UST was removed on November 10, 1992 (Figure 2). Weather conditions during removal consisted of overcast skies and temperatures between 40 and 45 degrees fahrenheit. A Northern Environmental hydrogeologist, certified in the State of Wisconsin as a site assessor, was present to conduct the UST closure assessment. Site assessor certification is presented in Attachment A. Mr. Rodger Rahn from the City of Cedarburg Fire Department was also present to observe the UST removal. PEI subcontracted National Tank Service of Wisconsin, Incorporated (NTS) (1813 South 73rd Street, West Allis, Wisconsin) to remove residual sludge, clean, and dispose of the UST and sludge in accordance with WDNR and WDILHR requirements.

Prior to removal from the excavation, the UST was ventilated and monitored by NTS personnel until less than 10 percent of the lower explosive limit (LEL) for gasoline was achieved in the UST interior. After the UST was removed, NTS cut an access hole into one end of the tank and cleaned the UST on site by physically removing all residual contents and applying an absorbent material to the tank walls. The tank sludge and cleaning residue were temporarily stored on-site in 55-gallon drums pending proper disposal. The USTs were dismantled on site and disposed by NTS. The UST sludge was subsequently collected and disposed by Milwaukee Solvents, Incorporated. UST sludge disposal receipts are included in Appendix B.

Upon removal, each UST system was inspected for potential signs of leakage. The exterior of each UST and associated piping were inspected for corrosion, physical damage, loose fittings, and perforations. An updated WDILHR Underground Petroleum Product Tank Inventory form reflecting closure of the UST was submitted to the WDILHR. A copy of the amended UST inventory form is included in Attachment C.

Soil Screening, Sampling, and Analysis

During UST removal, a Northern Environmental hydrogeologist examined in-place and excavated soil for the presence of released petroleum. Soils surrounding the UST were sampled with a stainless steel trowel and field screened for the presence of volatile and semi-volatile organic compounds such as those found in petroleum fuels. Field screening included observation of odors, soil appearance, and photoionization detector (PID) field headspace analysis. PID headspace analysis consisted of collecting a representative soil sample in a 16-ounce glass jar, sealing the jar with aluminum foil and a threaded metal collar, and storing the sample in a warm (at least 60°F) location for at least one-half hour to allow organic compounds to volatilize. The aluminum foil was then carefully punctured with the PID probe extension, and the highest stable reading occurring within 10 to 20 seconds was recorded in instrument units as isobutylene (iui). The PID utilized was a Thermo Environmental Instruments Model 580A Organic Vapor Monitor (OVM) outfitted with a 10.6 eV lamp calibrated daily for direct response to isobutylene. The OVM was field calibrated daily with 251 parts per million (ppm) isobutylene. Sampling tools were cleaned in an Alconox detergent solution and double rinsed with potable water between sampling locations.

No evidence of a release was detected during UST removal or soil field screening. Consequently, a standard UST closure assessment was performed. The WDILHR guidelines for UST closure assessments require that samples be collected for laboratory analysis of gasoline range organics (GRO) from under each end of the tank, for every 20 feet of product piping, and

from beneath the fill pipe if located remote from the UST (Reference 1). Accordingly, samples were collected from native soils approximately 2.0 feet below the bottom of each end of the UST (T4S-007 and T4S-008). Laboratory samples were not required from beneath the dispenser and fill piping because they were located immediately above the USTs. The soil samples submitted for laboratory analysis were preserved in methanol, cooled to 4°C and submitted to a WDNR certified analytical laboratory (U.S. Oil, Incorporated, [U.S. Oil]) Analytical Laboratory, Combined Locks, Wisconsin) for analysis of GRO using the WDNR-Modified Method (Reference 2). Soil sampling locations are illustrated on Figure 2.

SUMMARY OF FINDINGS

UST System History, Design, and Condition

The UST was 550-gallon capacity with dimensions of six feet in length and four feet in diameter. The former locations of the UST, vent pipe, and dispenser pipe are shown on Figure 2. The UST was installed in 1978 and was used to store leaded gasoline for emergency government vehicles until closure (Reference 3). The UST was constructed of welded steel plates with an asphaltum coating. Product piping and vent piping were constructed of bare steel with threaded fittings. Gasoline was dispensed through a suction system with the fill pipe and dispenser located immediately above the UST. The backfill surrounding the UST was predominantly sandy gravel. The UST and associated piping were in good condition with no apparent holes. Only minor surficial corrosion and pitting was observed on the exterior surface of the UST and piping.

Soil Examination and Analysis

Soil samples collected from the walls and floors of the UST excavation did not contain detectable concentrations of gasoline. No stained soils, gasoline-type odors, or elevated PID responses were detected in any samples (Table 1). Soil samples collected below the ends of the UST did not contain GRO above laboratory method detection limits (5 ppm). Field screening results and laboratory analyses are summarized on Table 1. Copies of the laboratory report and the chain-of-custody record are included in Attachment D. The UST excavation was immediately backfilled, compacted, and leveled to grade with the excavated soil and additional clean gravel as necessary.

Regulatory Requirements

The WDNR commonly uses 10 ppm of petroleum compounds as a guideline above which soils are considered "contaminated" (Reference 4). This guideline was originally developed to regulate the management of spills. The 10 ppm concentration represented the practical limit of detection for VOCs in soil. This clean up guideline was subsequently extrapolated to cover management of petroleum affected soil generated in leaking UST cases. Concentrations of GRO were below the method detection limit of 5.0 ppm in all soil samples, consequently, no further action is necessary at the Property.

CONCLUSIONS AND RECOMMENDATIONS

Based on the information obtained during the UST closure assessment, a release has not occurred from this UST. Therefore, no further investigative or remedial work is necessary and the City of Cedarburg requests a clean closure for this UST system.

The results of this study are based upon professional interpretation of the information available to Northern Environmental given the time and budget constraints of this project. Northern Environmental does not warrant that this report represents an exhaustive study of all possible concerns at the Property. The items investigated as part of this study do represent the most likely sources of environmental concern associated with the described UST system, and are consequently believed to adequately address the needs of the client at the present time.

We trust this information meets your needs. Please feel free to contact us if you have any questions or comments.

Sincerely,
Northern Environmental Technologies, Incorporated

John J. Lund
Hydrogeologist I

Gary S. Graham
Project Manager

Dale J. Buser, P.E.
Principal Hydrogeologist

JJL/gjw
cc: Mr. Brad Wolbert (WDNR)
WDILHR

©1993 Northern Environmental Technologies, Inc.

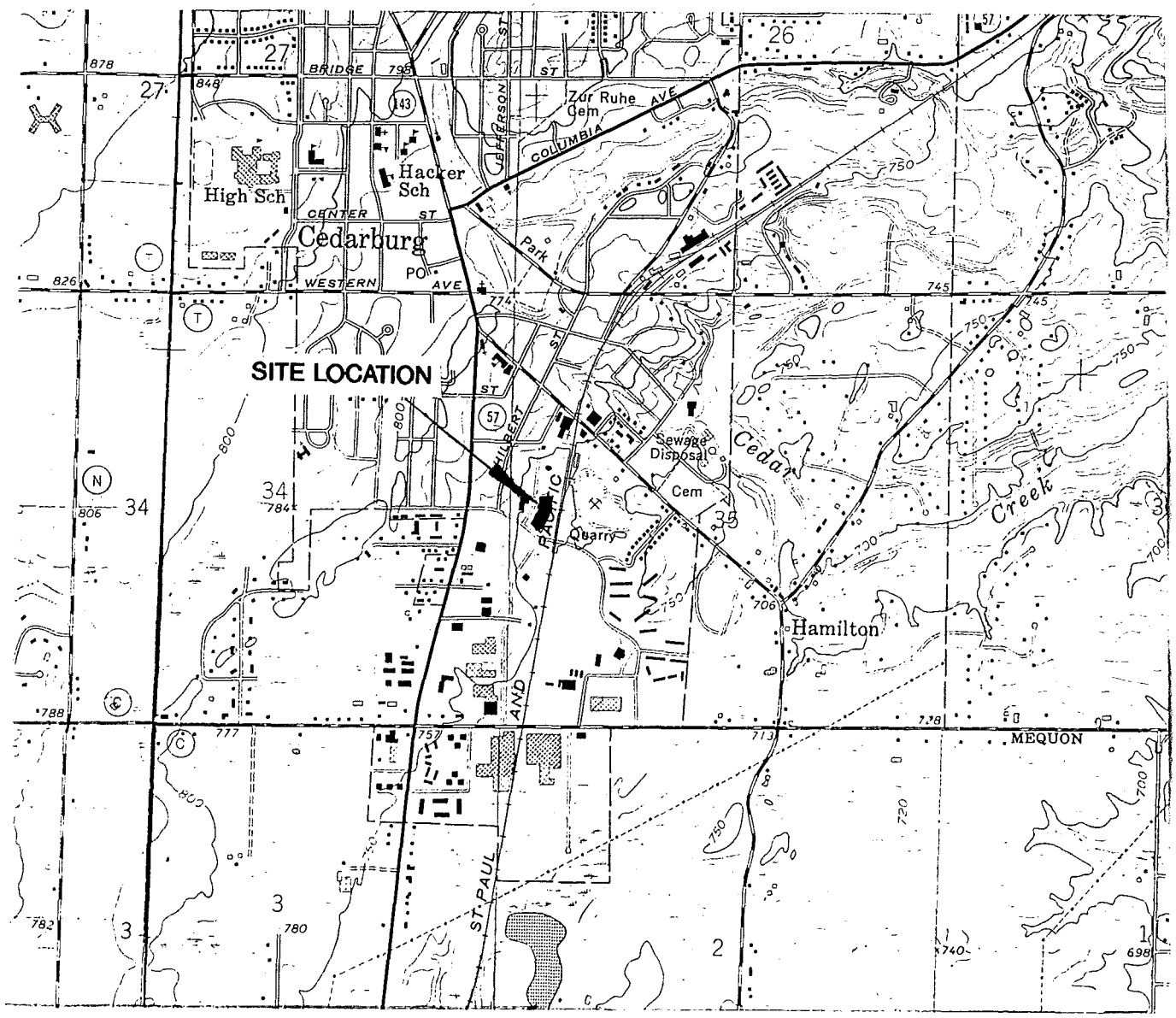
REFERENCES

1) s. ILHR 10, Wisconsin Administrative Code, *Flammable and Combustible Liquids Code*, April, 1991.

2) Leaking Underground Storage Tank Analytical Guidance, Wisconsin Department of Natural Resources, April 1992.

3) Conversation: R. Rahn (Cedarburg Fire Department) with John Lund (Northern Environmental), November 10, 1992.

4) Letter: P. Didier (WDNR) to District Directors (WDNR), *Practices and Standards for the Management of VOC-Contaminated Soils,* April 18, 1986.



SCALE 1:24 000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETRE

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

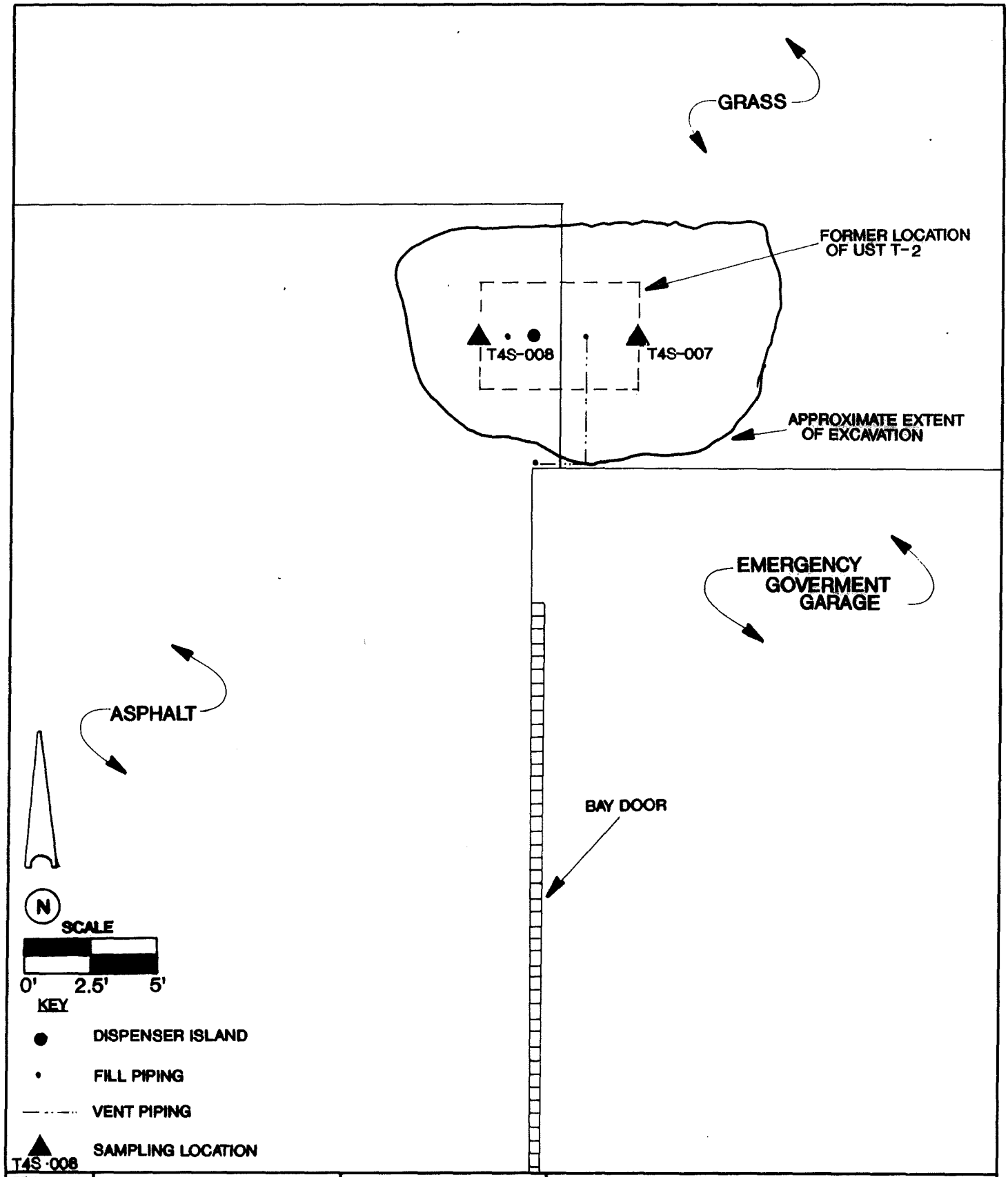
N

QUADRANGLE LOCATION

BASE MAP SOURCE: USGS CEDARBERG AND FIVE CORNERS, WI 7.5 MIN QUADRANGLE

REV.	PROJECT: CBG120783	DATE: 01/27/93	CITY OF CEDARBURG
	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND		SITE LOCATION AND LOCAL TOPOGRAPHY
	▲ Northern Environmental Hydrologists • Engineers • Geologists		

FIGURE 1



REV.

PROJECT: CBG120783 | DATE: 01/27/93

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Northern Environmental

Hydrologists • Engineers • Geologists

CITY OF CEDARBURG
EMERGENCY GOVERMENT GARAGE

SITE LAYOUT AND SAMPLING LOCATION

FIGURE 2

Table 1 Summary of Field and Laboratory Analysis, W59 N336 Johnson Street, Cedarburg, Wisconsin

Sample Label	Depth (feet)	Date Collected	PID Headspace Analysis			Laboratory Analyses	Sample Odor	Sample Location	Sample Description
			Time Collected	Time Analyzed	PID Response (iui)	GRO (ppm)			
T4S-007	8.0	11/10/92	1450	1530	0	ND	NONE	2 feet below east end of UST	Olive brown (2.5 yr 4/3) silty clay
T4S-008	8.0	11/10/92	1455	1545	0	ND	NONE	2 feet below west end of UST	Very dark brown (10 yr 2/2) silty clay

NOTE:
iui = instrument units as isobutylene
ppm = parts per million
ND = Not Detected (detection limit = 5 ppm)

CBG120783.TBL1 Task 3.0
January 27, 1993

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ATTACHMENT A

SITE ASSESSOR CERTIFICATION FOR THE STATE OF WISCONSIN

Printed on Recycled Paper

The State of Wisconsin

DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS
SAFETY & BUILDINGS DIVISION

CERTIFICATION

The person whose name appears on this certificate has complied with Administrative Rule ILHR 10 and is authorized to engage in the speciality as identified below.

Speciality:	Expiration Date:	Cert. No.:
SA	5/1/94	04193

JOHN J LUND
2101 CHATEAU CT #111
GRAFTON WI 53024

SBD-9214 (N 12/91)

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ATTACHMENT B

UST & SLUDGE DISPOSAL RECORDS

Printed on Recycled Paper

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 12-91

WISCONSIN DEPT. OF NATURAL RESOURCES

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-30-92

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: WID 988632980
Manifest Document No.: 00002
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
CITY OF CEDARBURG PUBLI
W59 N306 JOHNSON STR CEDARBURG WI 53012
4. Generator's Phone (414 375-7610

A. State Manifest Document Number: WI J327685
B. State Generator's ID

5. Transporter 1 Company Name: MILWAUKEE SOLVENTS & CHEMICALS
6. US EPA ID Number: WID 023350192
C. State Transporter's ID
D. Transporter's Phone: (414)-252-3550

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
MILWAUKEE SOLVENTS & CHEMICALS
N59 W14776 BOBOLINK AVE.
MENOMONEE FALLS, WI 53051
10. US EPA ID Number: WID 023350192
G. State Facility's ID
H. Facility's Phone: (414)-252-3550

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE GASOLINE FLAMMABLE LIQUID UN1203	1	DM	50	G	D001
b. RQ WASTE COMBUSTIBLE LIQUID, N.O.S. (TOLUENE, XYLENE) COMBUSTIBLE LIQUID NA1993	1	DM	50	G	F003
c.					
d.					

J. Additional Descriptions for Materials Listed Above B)(F005)

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
A)ERG# 27 B)ERG# 27
EMER RESP PH #: (414) 375-7610

A) WA# 120792F
B) WA# 120792E

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment;

OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name & Position Title: Don Cardinal Heavy Equip
Signature: Don Cardinal
Date (Month Day Year): 8/4/93

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: John Dietrich Driver
Signature: John Dietrich
Date (Month Day Year): 8/4/93

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name & Position Title
Signature
Date (Month Day Year)

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

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ATTACHMENT C

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY FORM (FORM SBD-7437)

Printed on Recycled Paper

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 Divisio
P.O. Box 7969
Madison, WI 53707
Telephone (608) 267-528

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: CEDARBURG

A. IDENTIFICATION: (Please Print)

1. Tank Site Name: EMERGENCY GOVERNMENT BUILDING
Site Address: W59 N336 JOHNSON ST.
Site Telephone No.: (414) 375-7636
☒ City ☐ Village ☐ Town of: CEDARBURG
State: WI
Zip Code: 53012
County: OZAUKEE

2. Owner Name (mail sent here unless indicated otherwise in #3 below): C/O LES BOEHM
Owner Mailing Address (mail sent here unless indicated otherwise in #3): W63 N645 WASHINGTON AVE
☒ City ☐ Village ☐ Town of: CEDARBURG
State: WI
Zip Code: 53012
County: OZAUKEE

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): 14
5. Tank Capacity (gallons): 550
6. Tank Manufacturer's Name (if known):

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): 11/10/92
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No IN PROGRESS

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): LESLIE L. BOEHM
Indicate Whether ☐ Owner or ☒ Operator

Signature of Owner or Operator: Leslie L Boehm
Date Signed: 11-12-92

SBD-7437 (R 12/91)

IMPORTANT: Complete as many items on this form as possible. Failure to provide sufficient information may cause you to fall under additional regulations.

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ATTACHMENT D

LABORATORY REPORT AND CHAIN-OF-CUSTODY FORMS

Printed on Recycled Paper

U.S. Oil Co., Inc.

Analytical Laboratory
425 S. Washington St. Combined Locks, WI 54113
Phone 414-735-8298

WI DNR Certified Lab #445027660

REPORT TO: GARY GRAHAM
556-036 T4S007 1 1584856 02301
NORTHERN ENVIRONMENTAL

1214 W VENTURE CRT
MEQUON WI 53092

REPORT DATE 11/18/92
SAMPLE DATE 11/10/92
SAMPLE ID T4S-007
SAMPLE DESC CEDARBURG

TEST DESCRIPTION	RESULTS
DATE SAMPLE RECEIVED	11/12/92
PROJECT NUMBER	CBG120783
SAMPLE TYPE	SOIL
TOTAL SOLIDS %	78.5
DATE ANALYZED	11/13/92
MODIFIED GRO WDNR APR 92	
DATE ANALYZED	11/15/92
GASOLINE (GRO) MG/KG	ND
MDL MG/KG	5.0

ND = NOT DETECTED

AUTHORIZED SIGNATURE

COMMENTS:

U.S. Oil Co., Inc.

Analytical Laboratory
425 S. Washington St. Combined Locks, WI 54113
Phone 414-735-8298

WI DNR Certified Lab #445027660

REPORT TO: GARY GRAHAM
556-036 T4S008 1 1584857 02301
NORTHERN ENVIRONMENTAL

1214 W VENTURE CRT
MEQUON WI 53092

REPORT DATE 11/18/92
SAMPLE DATE 11/10/92
SAMPLE ID T4S-008
SAMPLE DESC CEDARBURG

TEST DESCRIPTION	RESULTS
DATE SAMPLE RECEIVED	11/12/92
PROJECT NUMBER	CDG120783
SAMPLE TYPE	SOIL
TOTAL SOLIDS %	76.3
DATE ANALYZED	11/13/92
MODIFIED GRO WDNR APR 92	
DATE ANALYZED	11/15/92
GASOLINE (GRO) MG/KG	ND
MDL MG/KG	5.0

ND = NOT DETECTED

AUTHORIZED SIGNATURE

COMMENTS:

▲ Northern Environmental
1214 West Venture Court
Mequon, WI 53092
414-241-3133
FAX 414-241-8222
372 West County Road D
New Brighton, MN 55112
612-635-9100
FAX 612-635-0643
a subsidiary of Bonestroo, Rosene, Anderlik and Associates, Inc.

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

№ 0537

Project No: CBG 120783 Task No: 2
Project Location: (city) CEDARBURG
Project Manager: GARY S. GRAHAM
Sampler (name): JOHN J. LUND
Sampler (signature): [signature]
Laboratory: US OIL
Wisconsin DNR Certification No: 44/5027660
Laboratory Contact: J. STEVENS
Reports to be Sent To: GARY GRAHAM

Sampling Date(s): 11/24/92
Shipment Date: 11/25/92

Sample Integrity - To be completed by receiving lab
Seal intact upon receipt: ☒ Yes ☐ No
Method of Shipment: Courier on ice
Contents Temperature _____ °C Refrigerator No: _____

Hazard Indentification
☐ Reactive ☐ Non Hazardous
☐ Toxic ☐ Flammable
☐ Infectious ☐ Skin Irritant
☐ Other _____

TURNAROUND TIME REQUIRED
☒ Normal ☐ Rush
Date Needed 4 Dec 92

ANALYSES REQUESTED

	Lab ID. No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size and Type	Description Water	Description Soil	Description Other	Preservative	DRO	GRO (LOW/MED. METH.)	TRPH (EPA Method 9073)	Oil & Grease (EPA Method 413.1)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method)	Pb (EPA Method)	Other Analysis
116	1585896	PPS-01	11/24	1200	1 60ml; 1 4oz		X		ICE, MeOH		X								
117	1585897	PPS-02	11/24	1330	1 60ml; 1 4oz		X		ICE, MeOH		X								
118	1585898	PPS-03	11/24	1340	1 60ml; 1 4oz		X		ICE, MeOH		X								

Lab Batch No:
Price Quote No:
Comments:
Packed By: J. LUND
Sealed For Shipping By: (J. LUND)

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
D. Graham	11/25/92				
Company: Northern Env.	Time: 2:00	Company:	Time:	Company:	Time:
Received By: [signature]	Date: 11/25/92	Received By: [signature]	Date: 11/25/92	Received By:	Date:
Company: US OIL	Time: 2:00	Company: US OIL	Time: 4:00 pm	Company:	Time:

12/91