Northern Environmental℠
Hydrologists • Engineers • Geologists

954 Circle Drive
Green Bay, WI 54304
920-592-8400
1-800-854-0606
Fax • 920-592-8444
E-mail • netigb@admin.itol.com

March 23, 2001
(CSY03-1109-1162)

TU-33

RECEIVED D.N.R.
MAR 2 6 2001
SHAWANO OFFICE

03-45-217425

Mr. Michael Pepin
Director of Public Works
City of Seymour
445 Municipal Drive
Seymour, Wisconsin 54165

Re: Underground Storage Tank Closure Assessment and Assessment of Hyrdraulic Hoists, Doris Deering Property, 120 North Main Street, Seymour, Wisconsin

Dear Mr. Pepin:

Northern Environmental Technologies, Incorporated (Northern Environmental) was contracted by the City of Seymour to complete a closure assessment associated with an underground storage tank (UST) system at the Doris Deering Property, 120 North Main Street, Seymour Wisconsin (the Site) (Figure 1). During the closure assessment, soil samples were also collected to evaluate whether or not a release occurred from hydraulic hoists which formerly operated at the Site.

On January 10 and 11, 2001, one 8,000-gallon and one 6,000-gallon unleaded gasoline UST, one 6,000-gallon leaded gasoline UST, one 1,000-gallon fuel oil UST, one 500-gallon waste oil UST and one 200-gallon kerosene UST were removed from the Site. Product piping associated with the UST system was removed on January 15, 2001. Two hydraulic hoists were removed from the Site on January 10, 2001. The UST closure assessment conforms with Chapter COMM 10, Wisconsin Administrative Code (Wis. Adm. Code) and the Wisconsin Department of Natural Resources (WDNR) site assessment guidelines (WDNR, *Site Assessments for USTs Technical Guidance*, June 1993). This report has been distributed to the City of Seymour and Mr. Tom Sturm of the WDNR.

Specific information regarding the Site, the UST system, UST removal, UST closure assessment and the hydraulic hoist assessment are attached. Information about the UST system obtained from American Remediation & Supply, LLC (the tank remover and cleaner contractor) is listed in Tables 1 and 2. The locations of the former UST system and the hydraulic hoists are shown on Figure 2.

UST Closure Assessment

Petroleum contamination was identified at the Site near the dispenser islands during the completion of a limited Phase II Environmental Site Assessment by Northern Environmental in 1998. As part of the UST

closure assessment, Northern Environmental was on-site to document the conditions of the USTs and soil beneath the tanks. Twenty-one soil samples were collected to characterize the petroleum constituents present at the Site and to further evaluate the extent of the petroleum release. Soil samples were collected from beneath the USTs, the dispensers, and the UST excavation sidewalls. Field screening results indicated that released petroleum was present in samples collected from the Site. Select soil samples collected from beneath the UST system and the excavation sidewalls were laboratory analyzed for a combination of gasoline range organics (GRO), diesel range organics (DRO), volatile organic compounds (VOCs), petroleum volatile organic compounds (PVOCs), polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), cadmium and lead to confirm the field screening results and to document concentrations of petroleum compounds at the limits of the excavation. Based on laboratory analytical results, concentrations of petroleum compounds in excess of the Chapter NR720 Wis. Adm. Code residual contaminant levels (RCLs) are present in soil in the area of the kerosene and waste oil USTs and the dispensers. Field screening results also indicated that petroleum compounds are present in saturated soil beneath the gasoline USTs. With the exception of lead, laboratory analysis of samples collected from the excavation sidewalls near the gasoline USTs did not detect concentrations of petroleum compounds in excess of the RCLs. Field screening and laboratory results are summarized in Tables 3 and 4, respectively. Copies of laboratory reports and chain-of-custody forms are attached.

Assessment of Hydraulic Hoists

Two samples were collected to assess the soil conditions near the hydraulic hoists. Soil samples were collected from beneath the hoists at approximately 8.5 feet below grade. Field screening results did not indicate that released hydraulic oil was present in the samples. The two soil samples were laboratory analyzed for DRO and total petroleum hydrocarbons (TPH) as lube oil to confirm the results of the field screening. A sample of hydraulic oil was also collected from the hydraulic hoists and was laboratory analyzed to establish a fingerprint of the hydraulic oil stored on-site. Laboratory analysis detected concentrations of DRO in excess of the RCLs in the soil beneath the south hoist. Low concentrations of DRO were also detected in soil beneath the north hoist. TPH as lube oil was detected in both soil samples indicating a match between the hydraulic oil stored on-site and that which was detected in the soil samples. Field screening and laboratory results are summarized in Tables 3 and 4, respectively. Copies of laboratory reports and chain-of-custody forms are attached.

Recommendations and Conclusions

Results of soil samples collected during the removal USTs and hydraulic hoists indicates that concentrations of petroleum compounds in excess of the RCLs are present in soil in the vicinity of the UST system and the hydraulic hoists. In addition, it also appears that the petroleum release has migrated through native soil to ground water. Therefore, Northern Environmental recommends further soil sampling at the Site to define the nature and extent of the petroleum contamination in soil. Furthermore, additional investigation is necessary to determine the extent of the petroleum release in ground water at the Site. Northern Environmental recommends the installation of ground-water monitoring wells to characterize the lateral and vertical extent of the ground-water contamination.

The findings and results of the UST closure assessment and the assessment of the hydraulic hoists are based on interpretation of the information available to Northern Environmental. Northern Environmental does not warrant that this report represents an exhaustive study of all possible environmental concerns at the Site. The items investigated as part of this study represent likely sources of environmental concern associated with the described UST system or hydraulic hoists, and are consequently believed to adequately address the needs of the Client at the present time.

We trust this information meets your needs. Please contact Northern Environmental at 920-592-8400 if you have any questions.

Sincerely,

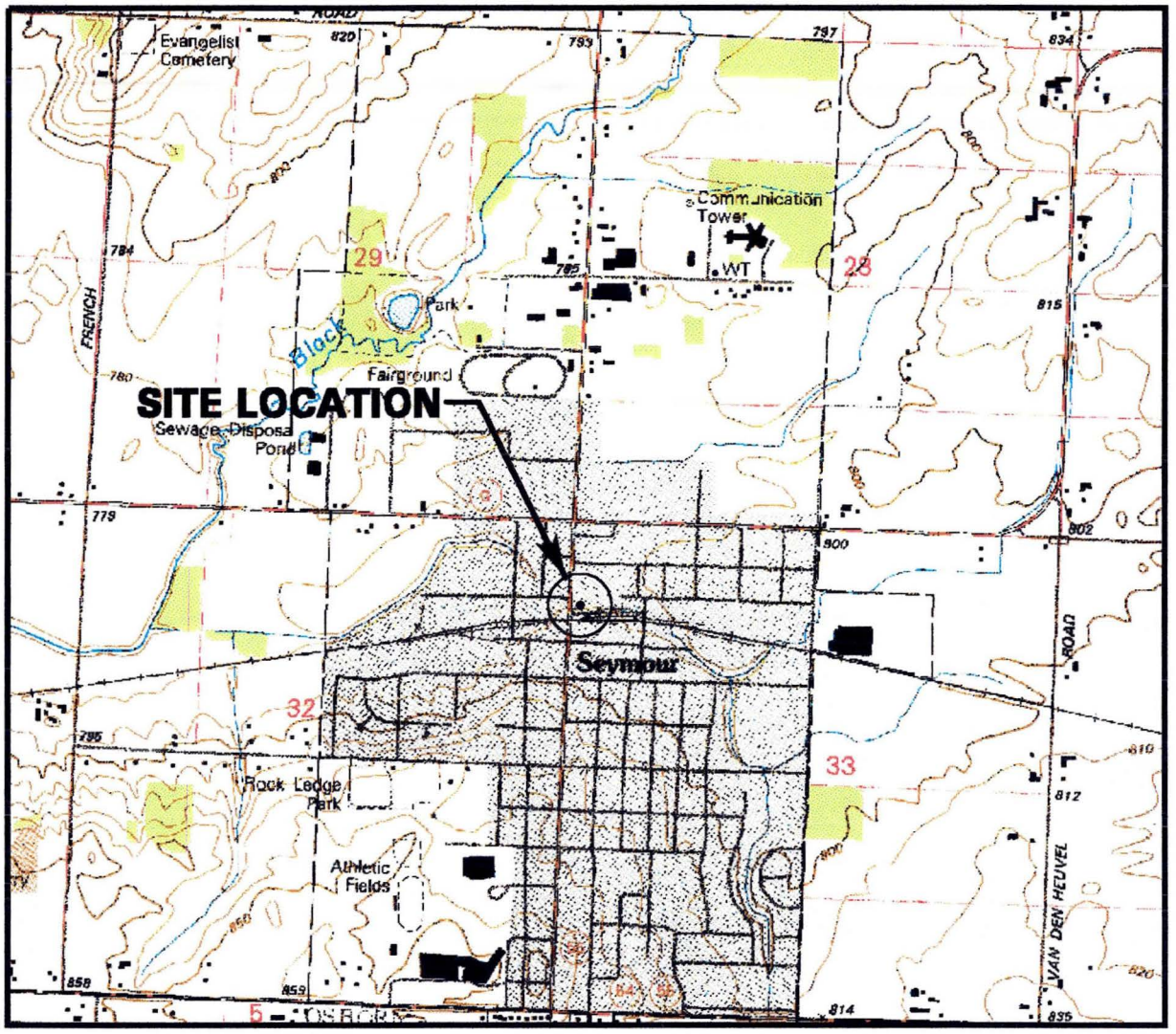
Northern Environmental Technologies, Incorporated

Nicole L. LaPlant
Geologist

Lynelle P. Caine
Project Manager

nll/kmf
Enclosures

c: Tom Sturm, WDNR



SCALE IN FEET

1" = 2000'

0 1000 2000 3000 4000 5000 6000 7000 8000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE LOCATION

N

BASE MAP SOURCE: USGS SEYMOUR, WISCONSIN 7.5 MINUTE QUADRANGLE, 1992

DRAWN BY: KRE	PROJECT: CSY-1162	DATE: 03/12/01
REV. DATE		

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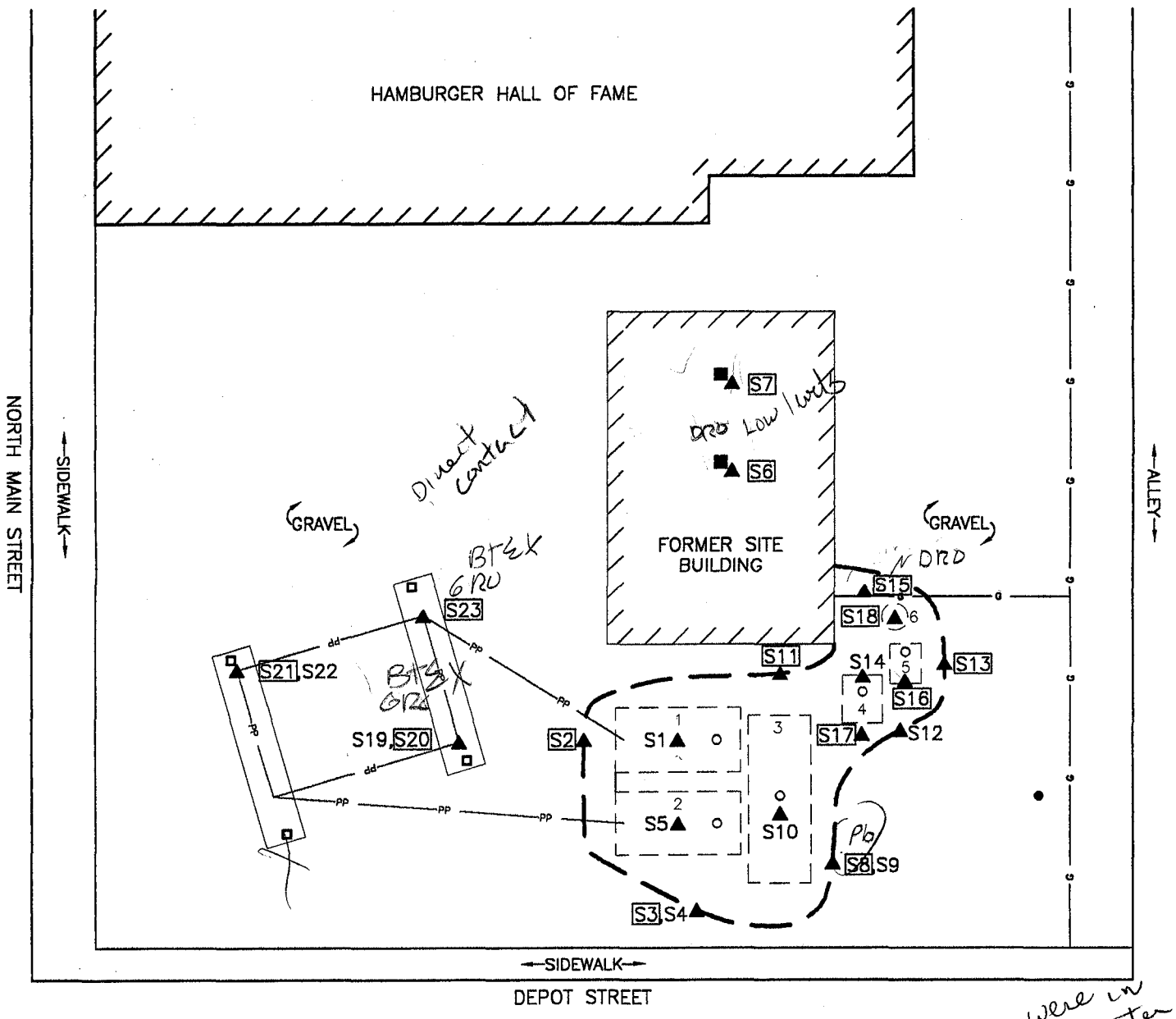
CITY OF SEYMOUR
DORIS DEERING PROPERTY
SEYMOUR, WISCONSIN

SITE LOCATION AND LOCAL TOPOGRAPHY

FIGURE 1

S:\PROJ\CSY\11091162\DRAWINGS\031201-1.DWG



were in water didn't take soil samples

6" asphalt gone

GW

LEGEND

▲ S1	SOIL SAMPLE LOCATION COLLECTED FOR FIELD SCREENING AND LAB ANALYSIS (ONLY BOXED IN NUMBERS HAVE BEEN SUBMITTED FOR LAB ANALYSIS)
— — —	EXTENT OF UST EXCAVATION
[#]	FORMER UST LOCATION UST 1 = 6,000 GALLON UNLEADED GASOLINE UST 2 = 6,000 GALLON LEADED GASOLINE UST 3 = 8,000 GALLON UNLEADED GASOLINE UST 4 = 1,000 GALLON FUEL OIL UST 5 = 500 GALLON WASTE OIL UST 6 = 200 GALLON KEROSENE
▭	FORMER DISPENSER ISLAND LOCATION
o	FILL PORT LOCATION
●	UTILITY POLE
—PP—	FORMER PRODUCT LINE
■	FORMER HYDRAULIC HOIST
▫	FORMER CANOPY POST
—G—	GAS LINE

N

SCALE IN FEET

10 0 10 20

S:\PROJ\CSY\11091162\DRAWINGS\031201-2.DWG

DRAWN BY: KRE	PROJECT: CSY-1162	DATE: 03/12/01
REV. DATE 03/15/01	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.	
	Northern Environmental SM Hydrologists · Engineers · Geologists	

CITY OF SEYMOUR
DORIS DEERING PROPERTY
SEYMOUR, WISCONSIN

SITE LAYOUT WITH SOIL SAMPLE LOCATIONS

FIGURE 2

Table 1 Summary of UST System Information, Doris Deering Property, Seymour, Wisconsin

UST Number	Registration Number	UST Construction	Volume (gallons)	Contents	Status	Date Installed	Type of Delivery System	Piping Construction	Location of Check Valves
UST 1	318606	Coated Steel	6,000	Unleaded Gasoline	Removed	Unknown	Suction Lift	Bare Steel	At tank
UST 2	318608	Coated Steel	6,000	Leaded Gasoline	Removed	Unknown	Suction Lift	Bare Steel	At tank
UST 3	318607	Coated Steel	8,000	Unleaded Gasoline	Removed	Unknown	Suction Lift	Bare Steel	At tank
UST 4	Unknown	Bare Steel	1,000	Fuel Oil	Removed	Unknown	Unknown	Bare Steel	Unknown
UST 5	Unknown	Bare Steel	500	Waste Oil	Removed	Unknown	Not Applicable	Bare Steel	Not Applicable
UST 6	Unknown	Bare Steel	200	Kerosene	Removed	Unknown	Unknown	Bare Steel	Unknown

Table 2 Summary of UST System Inspection, Doris Deering Property, Seymour, Wisconsin

UST Number	UST Condition	Piping Condition	Piping Joint Integrity	Dispenser Condition	Apparent Releases
UST 1	Minor pitting, rust on seams	Fair	Fair	Previously removed	Yes
UST 2	Minor pitting, rust on seams	Fair	Fair	Previously removed	Yes
UST 3	Minor pitting, rust on seams	Fair	Fair	Previously removed	Yes
UST 4	Rusted, pitted, 1 inch hole	Fair	Fair	Previously removed	Yes
UST 5	Rusted, pitted, poor condition	Not Applicable	Not Applicable	Not Applicable	Yes
UST 6	Rusted, pitted, many holes	Unknown, none present	Unknown, none present	Previously removed	Yes

Key:

UST = underground storage tank

Table 3 Soil Field Screening Results, Doris Deering Property, Seymour, Wisconsin

Sample Number	Depth (feet)	Sample Odor	Sample Description	Date Collected	PID Headspace Analysis		
					Time Collected	Time Analyzed	PID Response (iui)
S1	12	Strong gasoline	Sand, saturated	01/10/01	11:00	11:55	309
S2*	4	None	Sand	01/10/01	11:05	11:55	5
S3*	3	None	Silty Clay	01/10/01	11:50	13:00	0
S4	6	None	Silty Clay	01/10/01	11:52	13:01	0
S5	12	Gasoline	Sand, saturated	01/10/01	11:55	13:02	100
S6*	8.5	None	Sand	01/10/01	13:50	14:40	1
S7*	8.5	None	Sand	01/10/01	13:53	14:40	1
S8*	3	Gasoline	Silty Clay	01/10/01	14:20	15:00	124
S9	6	Gasoline	Silty Clay	01/10/01	14:21	15:00	268
S10	12	Gasoline	Sand	01/10/01	15:20	15:30	81
S11*	6	Gasoline	Silty Clay	01/10/01	15:21	15:30	176
S12	4	None	Silty Clay	01/11/01	10:30	11:42	6
S13*	3.5	Waste Oil	Silty Clay	01/11/01	10:40	11:45	18
S14	7	Waste Oil	Silty Clay	01/11/01	10:50	11:47	38
S15*	2	Fuel Oil	Silty Clay	01/11/01	10:55	12:30	106
S16*	8	Waste Oil	Silty Clay, saturated	01/11/01	11:30	12:50	80
S17*	8	Fuel Oil	Silty Clay	01/11/01	11:50	13:15	84
S18*	5	Kerosene	Silty Clay	01/11/01	12:00	13:15	425
S19	5	Strong gasoline	Silty Clay	01/15/01	12:00	12:40	422
S20*	2.5	Strong gasoline	Sand and Gravel Fill	01/15/01	12:05	12:40	434
S21*	2.5	Gasoline	Sand and Gravel Fill	01/15/01	15:00	15:00	96
S22	4.5	Strong gasoline	Silty Clay	01/15/01	15:15	15:15	348
S23*	2.5	Strong gasoline	Sand and Gravel Fill	01/15/01	15:16	15:16	420

KEY:
PID = Photoionization Detector
iui = instrument units as isobutylene
* = Submitted for laboratory analysis

Table 4 Soil Analytical Results, Doris Deering Property, Seymour, WI

Sample Number	Sample Depth (feet)	Date Sampled	DRO (mg/kg)	GRO (mg/kg)	Lead (mg/kg)	Lube Oil (mg/kg)	PCBs (µg/kg)	Relevant and Significant Analytical Results (µg/kg)										
								Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes
WAC Residual Contaminant Level			250	250	50	NE	NE	5.5	NE	NE	2900	NE	NE	NE	NE	1500	NE	4100
S2	4	01/10/01	---	< 10	< 6	---	---	< 25	---	---	< 25	---	---	---	---	< 25	43	< 75
S3	3	01/10/01	---	< 10	6.8 "J"	---	---	< 25	---	---	< 25	---	---	---	---	< 25	< 50	< 75
S6	8.5	01/10/01	290	---	---	550	---	---	---	---	---	---	---	---	---	---	---	---
S7	8.5	01/10/01	47	---	---	120	---	---	---	---	---	---	---	---	---	---	---	---
S8	3	01/10/01	---	< 10	120	---	---	< 25	---	---	< 25	---	---	---	---	< 25	32	< 75
S11	6	01/10/01	---	13	< 6	---	---	< 25	---	---	130	---	---	---	---	< 25	4300	140
S13	3.5	01/11/01	16	---	6.5 "J"	---	< 3.2	< 25	56	< 25	---	< 25	< 25	< 25	< 25	< 25	188	460
S15	2	01/11/01	9300	190	---	---	---	< 250	---	---	1300	---	---	---	---	1900	28800	19600
S16	8	01/11/01	230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S17	8	01/11/01	< 10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S18	5	01/11/01	---	---	---	---	---	< 250	120000	11000	57000	11000	4900	23000	41000	10000	340000	460000
S20	2.5	01/15/01	---	11000	166	---	---	< 5000	---	---	12000	---	---	---	---	< 5000	1170000	500000
S21	2.5	01/15/01	---	<10	22	---	---	< 25	---	---	25	---	---	---	---	55	215	270
S23	2.5	01/15/01	---	280	426	---	---	< 1250	---	---	11000	---	---	---	---	5400	370000	230000

Key:

DRO = Diesel Range Organics
GRO = Gasoline Range Organics
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
--- = Not Analyzed
NE = Not Established by Wisconsin Administrative Code (WAC)
RCL = Residual Contaminant Level
120 = Residual Contaminant Level Exceeded

ATTACHMENT A

CLOSURE ASSESSMENT QUESTIONNAIRE AND TANK/WASTE DISPOSAL DOCUMENTATION

BACKGROUND INFORMATION

Site Address

120 North Main Street
Seymour, Wisconsin 54165

Site Legal Description

NW 1/4, NW 1/4, Section 33, Township 24N, Range 18E

County: Outagamie

UST System and Site Owner

Name:	Ms. Doris Deering
Address:	W4716 Chrissie Circle, Shawano, Wisconsin 54166
Telephone Number:	(715)745-6031

Past and Present Property/Site Use

The Site is currently owned by Ms. Doris Deering; however, the property is tax delinquent. The Site is currently vacant but formerly operated as a service garage and gas station.

Describe Any USTs or ASTs Previously Removed From the Site

According to information obtained from the WDCOMM tank database and Ms. Deering (present Site owner) no USTs or ASTs were previously removed from the Site.

Has the Current System Ever Been Lined or Repaired?

Yes_____ No _____ Unknown ___X_____

Are Other USTs or LUSTs Present on Adjacent Properties?

Yes_____ No ___X__ Unknown _____

Based on information gathered from the WDCOMM tank database and the WDNR BRRTs On-Line Listing, there does not appear to be any USTs or LUSTs at properties adjacent to the Site.

Are Any of the UST Systems Described in This UST Site Assessment Believed to Have Released Product?

Yes____X____ No _____ Unknown _____

If so, describe UST and method of determining release:

Soil samples collected in the vicinity of the gasoline, waste oil, heating oil and kerosene UST systems exhibited strong odors and high photoionization detector readings. Laboratory analysis verified petroleum compounds were present in soil in the vicinity of each UST system.

Prior to the UST closure assessment, Northern Environmental completed a limited Phase II Environmental Site Assessment (ESA) at the Site in 1998. Laboratory analysis of soil samples collected near the west dispenser island and heating oil and waste oil USTs also detected concentrations of petroleum compounds in soil. Based on results of the Phase II ESA, a petroleum release was reported to the WNDR.

Has the Party Responsible for the UST System Been Notified of the Release and of Their Responsibilities Under Chapter NR 158, Wisconsin Administrative Code?

Yes____X____ No _____

TANK EXCAVATION AND REMOVAL

USTs Closed By

Removal ___X___ Abandonment In-Place _____

Dates of Closure

January 10 and 11, 2001 (USTs)
January 15, 2001 (Product Piping)

Site Assessor

Company Name:	Northern Environmental Technologies, Inc.
Company Address:	954 Circle Drive, Green Bay, Wisconsin 54304
Telephone Number:	920-592-8400
Certified Individual:	Nicole L. LaPlant
Certification Number:	46836

UST Removal Contractor

Company Name:	American Remediation & Supply, LLC
Company Address:	N6431 County Highway H, Luxemburg, Wisconsin 54217
Telephone Number:	920-845-2815
Certified Individual:	Arnie Koller
Certification Number:	241423

Excavator Contractor

Company Name:	Elexco, Inc.
Company Address:	423 E. Bronson Road, Seymour, Wisconsin 54165
Telephone Number:	920-833-2736

Descriptions of tank system(s) removed from the Site are provided in Tables 1 and 2.

TANK CLEANING AND DISPOSAL DOCUMENTATION

Location of Cleaning

On Site ___X___ Off Site_____ Other _____

Method Used to Clean the Tank

Holes were cut in the end of the USTs and the tank walls were scraped and wiped to remove any remaining sludge.

Final Disposal

Recycled _____ Scrapped ___X___ Disposed _____

Handling of Cleaning Waste Water

Not Applicable. Water was not used to clean the tank.

Method of Tank Transport

The USTs were placed on a trailer and were hauled off site to be scrapped.

Documentation of Emergency Waiver to Transport Tank

Not Applicable

Contractor Cleaning, Dismantling, and Transporting Tank

Company Name:	American Remediation & Supply, LLC
Company Address:	N6431 County Highway H, Luxemburg, Wisconsin 54217
Telephone Number:	920-845-2815

Contractor Disposing of Tank

Company Name:	American Remediation & Supply, LLC
Company Address:	N6431 County Highway H, Luxemburg, Wisconsin 54217
Telephone Number:	920-845-2815

SURPLUS PRODUCT AND TANK SLUDGE MANAGEMENT

On January 10 and 11, 2001, approximately 900 gallons of oil/water were pumped from the waste oil and fuel oil USTs. Approximately 360 gallons of waste oil was also pumped from the waste oil tank. In addition, approximately 50 gallons of sludge was recovered from the USTs. The product/water mix and sludge were containerized in 55-gallon steel drums and stored on-site pending proper disposal. On January 31, 2001 the product/water mix and sludge were transported to Waste Research and Reclamation's facility in Eau Claire, Wisconsin for proper disposal.

Contractor Transporting Liquids

Company Name:	Wausau Chemical
Company Address:	2100 North River Drive, Wausau, Wisconsin 54403
Telephone Number:	715-842-2285

Contractor Disposing Liquids

Company Name:	Waste Research and Reclamation
Company Address:	5200 State Road 93, Eau Claire, Wisconsin 54701
Telephone Number:	715-834-9624

STATE OF WISCONSIN

Chapter 291, Wis. Stats.
Form 4400-66P Rev. 1-98

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Waste Management
Box 8094
Madison, WI 53708

FOR DNR USE ONLY

orm designed for use on elite (12-pitch) typewriter.

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. WIR000101428
Manifest Document No. 122101
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Deering Property (Doris Deering)
120 N Main St Seymour WI 54165
4. Generator's Phone (920) 845 2815

Site Location If Different

A. State Manifest Document Number WI K 35828
B. State Generator's ID

5. Transporter 1 Company Name
Wausau Chemical Corporation
6. US EPA ID Number
WID 006136220
C. State Transporter's ID 1308
D. Transporter's Phone 715 842 2085

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
WRR
5200 State Rd 93
Eau Claire WI 54701
10. US EPA ID Number
WID 990829 475
G. State Facility's ID
H. Facility's Phone 715 834 9624

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Gasoline, 3, UN1203, PG II	1	DM	413	P	D001
b. Waste Combustible Liquid N.O.S. (Used Oil) NA1993, PG III	8	DM	3000	P	NR
c. Waste Combustible Liquid N.O.S. (Oil/water) NA1993, PG III	19		7500	P	NR
d.					

J. Additional Descriptions for Materials Listed Above
11a 200101015 8-1FA221
11b 200101015 9-105243 11c. 200101016 0-1HF883

K. Handling Codes for Wastes Listed Above
11a D018

15. Special Handling Instructions and Additional Information

Emergency Contact 800 424 9300

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.

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
Arnie Koeller Contractor	SU for Arnie Koeller	9 13 10 1

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
Myron Wyman - Driver		9 13 9 1

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

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

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)

PA 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

COPY 2-
GENERATOR RETAIN

WEATHER, SOIL, AND GROUND-WATER CONDITIONS

Weather Conditions

Temperature: 30° F
Precipitation: Sunny

Surface Conditions

Material UST area overlain by (e.g., concrete) The gasoline USTs were overlain by asphalt and the fuel oil, waste oil, and kerosene USTs were overlain by gravel.

Is the area around the fill pipe, pump, etc. visibly stained? Petroleum staining was visible around the fill pipe of the 500-gallon waste oil UST.

Is stressed or dead vegetation evident? No

Are there previously undiscovered or unregistered tanks? Yes, the 200-gallon kerosene UST was discovered during the UST system removal and was unregistered.

Excavation and Soil

Depth of Tank Excavation: 5 to 11 feet below grade
Depth of Piping Excavation: 1.5 feet below grade

Free Product Present: No Obvious Odors: Yes Soil Discoloration: Yes

Oil Sheen on Water in Excavation: Yes

Soil Description:
Native: Silty Clay (CL)
Backfill: Sand

Free Standing Water in Excavation: Water was present in the gasoline UST excavation. Water was not present in the fuel oil, waste oil, or kerosene UST excavations.

Anticipated Depth to Ground-Water

Based on a topographic map of the area, ground water is anticipated to be approximately 5 feet below grade.

Local Ground-Water Use

Drinking water for the Site is supplied by the City of Seymour municipal distribution system.

ATTACHMENT B

SOIL SAMPLE FIELD-SCREENING AND PREPARATION METHODS

SOIL SAMPLE FIELD-SCREENING AND PREPARATION METHODS

Soil samples were collected by or under the direction of a Wisconsin Department of Commerce (WDCOMM)-certified Northern Environmental Technologies, Incorporated site assessor in conformance with Wisconsin Department of Natural Resources (WDNR) guidelines (WDNR, 1993) and Chapter COMM 10, Wisconsin Administrative Code.

Each sample was split into two representative portions, one for field screening and the other for laboratory analysis. Field screening consisted of classifying the soil according to the Unified Soil Classification System, identifying obvious odors and staining, and photoionization detector (PID) headspace analysis. The PID headspace analysis sample was sealed in a 1-quart Ziploc resealable plastic bag. Care was taken to maintain a relatively constant soil-volume-to-headspace-volume ratio for all samples. The sealed headspace sample was agitated to break up soil clods before being left in a warm environment for at least 15 minutes to allow time for volatilization to occur. The plastic bag was then carefully punctured with the PID probe and the highest stable response occurring in 10 to 20 seconds was recorded as instrument units as isobutylene.

A portion of the sample designated for laboratory analysis was immediately transferred into a 2-ounce glass jar with no headspace for dry weight analysis. For samples collected for polynuclear aromatic hydrocarbons, lead, cadmium, and polychlorinated biphenyls, soil was placed into a 2-once glass jar with no headspace. For samples collected for gasoline range organics, diesel range organics, volatile organic compounds, and petroleum volatile organic compounds analysis, a syringe was placed into a Powerstop Handle device and pushed into the soil until the soil column inside the syringe forced the plunger to the end plate. The syringe was removed from the Powerstop Handle and inserted into an open pre-tared 40 ml vial. The soil sample was ejected into the vial by pushing on the syringe plunger. The vial was then sealed with a Teflon-lined cap.

Soil samples collected for laboratory analysis were labeled and stored on ice in a cooler where they were maintained in a chilled condition for possible laboratory analysis. Soil samples selected for laboratory analysis were transported by courier under chain of custody to a WDNR-certified laboratory.

Wisconsin Department of Commerce, "Flammable and Combustible Liquids," *Wisconsin Administrative Code*, Chapter COMM 10, February 1999.

Wisconsin Department of Natural Resources, "Site Assessments for Underground Storage Tanks Technical Guidance," June 1993.

ATTACHMENT C

UPDATED TANK INVENTORY FORMS
AND CLOSURE CHECKLIST

File #:

Reg Obj #: 318606

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulation
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this 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)(m)].

This registration applies to a tank status that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Abandon with Water
☐ Abandoned without Product (empty) ☐ Temporarily Out of Service - Provide Date: _____

Fire Department providing fire coverage where tank is located:
☒ City ☐ Village ☐ Town of: Seymour

A. IDENTIFICATION (Please Print)

1. Tank Site Name: Deering Property
☒ City ☒ Village ☒ Town of: Seymour
Site Street Address: 120 North Main Street
State: WISCONSIN Zip Code: 54165
Site Telephone Number: ( ) N/A
County: Outagamie

2. Tank Owner Name: Doris Deering
☒ City ☐ Village ☐ Town of: Shawano
Mailing Address: W4716 Chrissie Circle
State: WI Zip Code: 54166
Telephone Number: (715) 745-6031
County: Shawano

3. Previous Site Name:
Previous site address if different than #1:

B. Site ID #: 65467 **Facility ID #:** **Customer ID #:** 299574

C. Tank Capacity (gallons): 6,000 Tank Age (age or date installed):

D. LAND OWNER TYPE (check one) Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. OCCUPANCY TYPE (check one) Refer to back
☒ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☐ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify:)

F. Tank Construction:
☐ Bare Steel ☒ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____
Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No

G. Tank Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A **Tank Double Walled?** ☐ Yes ☒ No

H. Primary Tank Leak Detection Method:
☐ Automatic tank gauging ☐ Interstitial monitoring ☒ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Vapor monitoring
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

I. Piping Construction:
☒ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A **Pipe Double Walled?** ☐ Yes ☒ No

K. Primary Piping System Type: ☐ Pressurized piping with ➡ A. ☐ auto shutoff; B. ☐ alarm, or C. ☐ flow restrictor ☐ Unknown
☒ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☒ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☐ Not required ☐ Unknown

M. Vapor Recovery/Stage II ☐ Fiberglass ☐ Flexible ☐ Other (specify):
☐ Operational - Provide Date (mo./day/yr.): _____ CARB #: _____

N. TANK CONTENTS (Current, or previous product if tank now empty)
☐ Diesel ☐ Leaded ☒ Unleaded ☐ Gasohol ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene
☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Waste/Used Motor Oil ☐ Hazardous Waste* ☐ Unknown*
☐ Chemical* Name _____ CAS #: _____ ☐ Other (specify)

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude: **Geo Longitude:**

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 01-10-01
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

Owner or Operator Name (please print): Doris Deering
Indicate if you are: ☒ Owner or ☐ Operator

Owner or Operator Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) Doris Deering **Date** 1/17/01

ER-7437 (R12/99)

Note: Refer to comments on reverse side of form.

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. The form must be signed by a person with legal responsibility for the underground system (including responsibility for any environmental damage cause by the system.) It is necessary to complete ALL shaded areas and as many other items as possible.

DEFINITIONS AND EXPLANATIONS FOR COMPLETING THIS FORM

Land Owner Type - classifies the organization that owns the property the tank is located on. A *"Private"* land owner is residential, commercial, mercantile, industrial, farm, non-government owned public utility, or other business organization.

Occupancy Type – identifies the occupancy.

Retail Fuel Sales	Tank is used to store any fuel product that is offered for sale in the retail market.
Bulk Storage	Tank is used to store any fuel product that is offered for sale in the wholesale market.
Industrial	Tank is used to store any regulated product associated with an industrial fleet, heating, industrial fabricating, manufacturing or processing.
Mercantile/Commercial	Tank is used to store any regulated product associated with a commercial business fleet, heating, or processing, e.g., service company, medical facility, freight, airport, apartment, etc.
Utility	Tank is used to store any regulated product associated with a public or private water or power utility fleet, heating, or processing.
Residential	Tank is used to store any regulated product for residential heating or residential automobile fueling.
School	Tank is used to store any regulated product at public or private primary, secondary or higher educational institution.
Agricultural	Tank is used to store any regulated product directly associated with crop or livestock production.
Back-up or Emergency Generator	Tank is used to store any fuel used to power a backup or emergency generator.

COMMERCE UST/AST Permit and Registration Group

Areas of responsibility by county

Adams through Eau Claire counties ..... (608) 267-2051
Florence through Marquette counties ..... (608) 267-1383
Milwaukee through Rusk counties ..... (608) 267-5280
Menominee County and St. Croix through Wood counties..... (608) 267-1382

Lead Worker..... (608) 267-1384

CLOSURE ASSESSMENT INFORMATION

Requirements for a site assessment at the closure or change in service for a federally regulated underground storage tank were outlined in federal rules published in the September 23, 1988 Federal Register, 40 CFR 280 and 281.

The requirements in § 280.72 state:

> (a) Before permanent closure or a change-in-service is completed, owners and operators must measure for the presence of a release where contamination is most likely to be present at the UST site. In selecting sample types, sample locations, and measurement methods, owners and operators must consider the method of closure, the nature of the stored substance, the type of backfill, the depth to ground water, and other factors appropriate for identifying the presence of a release. The requirements of this section are satisfied if one of the external release detection methods allowed in § 280.43 (e) and (f) is operating in accordance with the requirements in § 280.43 at the time of closure, and indicates no release has occurred.

Complete written guidelines on the conduct of a closure site assessment can be obtained from the DNR.

Closure site assessments are to be submitted to the DNR at the following address:

Bureau of Solid and Hazardous Waste Management
P.O. Box 7921
Madison, WI 53707

File #:

Reg Obj #: 318607

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulation
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this 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)(m)].

This registration applies to a tank status that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Abandon with Water
☐ Abandoned without Product (empty) ☐ Temporarily Out of Service - Provide Date:

Fire Department providing fire coverage where tank is located:
☒ City ☐ Village ☐ Town of: Seymour

A. IDENTIFICATION (Please Print)

1. Tank Site Name: Deering Property
Site Street Address: 120 North Main Street
Site Telephone Number: ( ) NA
☒ City ☐ Village ☐ Town of: Seymour
State: WISCONSIN
Zip Code: 54165
County: Outagamie

2. Tank Owner Name: Doris Deering
Mailing Address: W4716 Chrissie Circle
Telephone Number: (715) 745-6031
☒ City ☐ Village ☐ Town of: Shawano
State: WI
Zip Code: 54166
County: Shawano

3. Previous Site Name:
Previous site address if different than #1:

B. Site ID #: 65467
Facility ID #:
Customer ID #: 299574

C. Tank Capacity (gallons): 8,000
Tank Age (age or date installed):

D. LAND OWNER TYPE (check one) Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. OCCUPANCY TYPE (check one) Refer to back
☒ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☐ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify):

F. Tank Construction:
☐ Bare Steel ☒ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____

Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No

G. Tank Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A
Tank Double Walled? ☐ Yes ☒ No

H. Primary Tank Leak Detection Method:
☐ Automatic tank gauging ☐ Interstitial monitoring ☒ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Vapor monitoring
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

I. Piping Construction:
☒ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A
Pipe Double Walled? ☐ Yes ☒ No

K. Primary Piping System Type: ☐ Pressurized piping with ➡ A. ☐ auto shutoff; B. ☐ alarm, or C. ☐ flow restrictor ☐ Unknown
☒ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☒ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☐ Not required ☐ Unknown

M. Vapor Recovery/Stage II ☐ Fiberglass ☐ Flexible ☐ Other (specify):
☐ Operational - Provide Date (mo./day/yr.): _____ CARB #: _____

N. TANK CONTENTS (Current, or previous product if tank now empty)
☐ Diesel ☐ Leaded ☒ Unleaded ☐ Gasohol ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene
☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Waste/Used Motor Oil ☐ Hazardous Waste* ☐ Unknown*
☐ Chemical* Name _____ CAS #: _____ ☐ Other (specify):

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude:
Geo Longitude:

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 01-10-01

Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

Owner or Operator Name (please print):
Doris Deering

Indicate if you are: ☒ Owner or ☐ Operator

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

Date: 1/17/01

ER-7437 (R12/99)

Note: Refer to comments on reverse side of form.

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. The form must be signed by a person with legal responsibility for the underground system (including responsibility for any environmental damage cause by the system.) It is necessary to complete ALL shaded areas and as many other items as possible.

DEFINITIONS AND EXPLANATIONS FOR COMPLETING THIS FORM

Land Owner Type - classifies the organization that owns the property the tank is located on. A *"Private"* land owner is residential, commercial, mercantile, industrial, farm, non-government owned public utility, or other business organization.

Occupancy Type – identifies the occupancy.

Retail Fuel Sales	Tank is used to store any fuel product that is offered for sale in the retail market.
Bulk Storage	Tank is used to store any fuel product that is offered for sale in the wholesale market.
Industrial	Tank is used to store any regulated product associated with an industrial fleet, heating, industrial fabricating, manufacturing or processing.
Mercantile/Commercial	Tank is used to store any regulated product associated with a commercial business fleet, heating, or processing, e.g., service company, medical facility, freight, airport, apartment, etc.
Utility	Tank is used to store any regulated product associated with a public or private water or power utility fleet, heating, or processing.
Residential	Tank is used to store any regulated product for residential heating or residential automobile fueling.
School	Tank is used to store any regulated product at public or private primary, secondary or higher educational institution.
Agricultural	Tank is used to store any regulated product directly associated with crop or livestock production.
Back-up or Emergency Generator	Tank is used to store any fuel used to power a backup or emergency generator.

COMMERCE UST/AST Permit and Registration Group

Areas of responsibility by county

Adams through Eau Claire counties..... (608) 267-2051
Florence through Marquette counties..... (608) 267-1383
Milwaukee through Rusk counties..... (608) 267-5280
Menominee County and St. Croix through Wood counties..... (608) 267-1382

Lead Worker..... (608) 267-1384

CLOSURE ASSESSMENT INFORMATION

Requirements for a site assessment at the closure or change in service for a federally regulated underground storage tank were outlined in federal rules published in the September 23, 1988 Federal Register, 40 CFR 280 and 281.

The requirements in § 280.72 state:

> (a) Before permanent closure or a change-in-service is completed, owners and operators must measure for the presence of a release where contamination is most likely to be present at the UST site. In selecting sample types, sample locations, and measurement methods, owners and operators must consider the method of closure, the nature of the stored substance, the type of backfill, the depth to ground water, and other factors appropriate for identifying the presence of a release. The requirements of this section are satisfied if one of the external release detection methods allowed in § 280.43 (e) and (f) is operating in accordance with the requirements in § 280.43 at the time of closure, and indicates no release has occurred.

Complete written guidelines on the conduct of a closure site assessment can be obtained from the DNR.

Closure site assessments are to be submitted to the DNR at the following address:

Bureau of Solid and Hazardous Waste Management
P.O. Box 7921
Madison, WI 53707

File #:

Reg Obj #: 318608

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulation
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this 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)(m)].

This registration applies to a tank status that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Abandon with Water
☐ Abandoned without Product (empty) ☐ Temporarily Out of Service - Provide Date:

Fire Department providing fire coverage where tank is located:
☒ City ☐ Village ☐ Town of: Seymour

A. IDENTIFICATION (Please Print)

1. Tank Site Name: Deering Property
Site Street Address: 120 North Main Street
Site Telephone Number: ( ) NA
☒ City ☐ Village ☐ Town of: Seymour
State: WISCONSIN
Zip Code: 54165
County: Outagamie

2. Tank Owner Name: Doris Deering
Mailing Address: W4716 Chrissie Circle
Telephone Number: (715) 745-6031
☒ City ☐ Village ☐ Town of: Shawano
State: WI
Zip Code: 54166
County: Shawano

3. Previous Site Name
Previous site address if different than #1

B. Site ID #: 65467 **Facility ID #:** **Customer ID #:** 299574

C. Tank Capacity (gallons) 6,000 Tank Age (age or date installed):

D. LAND OWNER TYPE (check one) Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. OCCUPANCY TYPE (check one) Refer to back
☒ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☐ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify:)

F. Tank Construction:
☐ Bare Steel ☒ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____
Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No

G. Tank Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A
Tank Double Walled? ☐ Yes ☒ No

H. Primary Tank Leak Detection Method:
☐ Automatic tank gauging ☐ Interstitial monitoring ☒ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Vapor monitoring
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

I. Piping Construction:
☒ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A
Pipe Double Walled? ☐ Yes ☒ No

K. Primary Piping System Type: ☐ Pressurized piping with ➡ A. ☐ auto shutoff; B. ☐ alarm, or C. ☐ flow restrictor ☐ Unknown
☒ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☒ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☐ Not required ☐ Unknown

M. Vapor Recovery/Stage II ☐ Fiberglass ☐ Flexible ☐ Other (specify):
☐ Operational - Provide Date (mo./day/yr.): _____ CARB #: _____

N. TANK CONTENTS (Current, or previous product if tank now empty)
☐ Diesel ☒ Leaded ☐ Unleaded ☐ Gasohol ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene
☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Waste/Used Motor Oil ☐ Hazardous Waste* ☐ Unknown*
☐ Chemical* Name _____ CAS #: _____ ☐ Other (specify):

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude: **Geo Longitude:**

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 01-10-01
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

Owner or Operator Name (please print): Doris Deering
Indicate if you are: ☒ Owner or ☐ Operator

Owner or Operator Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) Doris Deering **Date** 1/17/01

ER-7437 (R12/99)

Note: Refer to comments on reverse side of form.

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. The form must be signed by a person with legal responsibility for the underground system (including responsibility for any environmental damage cause by the system.) It is necessary to complete ALL shaded areas and as many other items as possible.

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Residential	Tank is used to store any regulated product for residential heating or residential automobile fueling.
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COMMERCE UST/AST Permit and Registration Group

Areas of responsibility by county

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Florence through Marquette counties ..... (608) 267-1383
Milwaukee through Rusk counties ..... (608) 267-5280
Menominee County and St. Croix through Wood counties..... (608) 267-1382

Lead Worker..... (608) 267-1384

CLOSURE ASSESSMENT INFORMATION

Requirements for a site assessment at the closure or change in service for a federally regulated underground storage tank were outlined in federal rules published in the September 23, 1988 Federal Register, 40 CFR 280 and 281.

The requirements in § 280.72 state:

> (a) Before permanent closure or a change-in-service is completed, owners and operators must measure for the presence of a release where contamination is most likely to be present at the UST site. In selecting sample types, sample locations, and measurement methods, owners and operators must consider the method of closure, the nature of the stored substance, the type of backfill, the depth to ground water, and other factors appropriate for identifying the presence of a release. The requirements of this section are satisfied if one of the external release detection methods allowed in § 280.43 (e) and (f) is operating in accordance with the requirements in § 280.43 at the time of closure, and indicates no release has occurred.

Complete written guidelines on the conduct of a closure site assessment can be obtained from the DNR.

Closure site assessments are to be submitted to the DNR at the following address:

Bureau of Solid and Hazardous Waste Management
P.O. Box 7921
Madison, WI 53707

File #:
Reg Obj #:

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulation
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this 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)(m)].

This registration applies to a tank status that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Abandon with Water
☐ Abandoned without Product (empty) ☐ Temporarily Out of Service - Provide Date:

Fire Department providing fire coverage where tank is located:
☒ City ☐ Village ☐ Town of: Seymour

A. IDENTIFICATION (Please Print)

1. Tank Site Name: Deering Property
Site Street Address: 120 North Main Street
Site Telephone Number: ( ) N/A
☒ City ☐ Village ☐ Town of: Seymour
State: WISCONSIN
Zip Code: 54165
County: Outagamie

2. Tank Owner Name: Doris Deering
Mailing Address: W4716 Chrissie Circle
Telephone Number: (715) 745-6031
☒ City ☐ Village ☐ Town of: Shawano
State: WI
Zip Code: 54166
County: Shawano

3. Previous Site Name
Previous site address if different than #1

B. Site ID #: 65467 **Facility ID #:** **Customer ID #:** 299574

C. Tank Capacity (gallons): 1,000 Tank Age (age or date installed):

D. LAND OWNER TYPE (check one) Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. OCCUPANCY TYPE (check one) Refer to back
☐ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☒ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify)

F. Tank Construction:
☒ Bare Steel ☐ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): ☐ Lined (date):
Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No

G. Tank Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A
Tank Double Walled? ☐ Yes ☒ No

H. Primary Tank Leak Detection Method:
☐ Automatic tank gauging ☐ Interstitial monitoring ☐ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Vapor monitoring
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☒ Unknown

I. Piping Construction:
☒ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other

J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A
Pipe Double Walled? ☐ Yes ☒ No

K. Primary Piping System Type: ☐ Pressurized piping with ➡ A. ☐ auto shutoff; B. ☐ alarm, or C. ☐ flow restrictor ☒ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☐ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☐ Not required ☒ Unknown

M. Vapor Recovery/Stage II ☐ Fiberglass ☐ Flexible ☐ Other (specify):
☐ Operational - Provide Date (mo./day/yr.): CARB #:

N. TANK CONTENTS (Current, or previous product if tank now empty)
☐ Diesel ☐ Leaded ☐ Unleaded ☐ Gasohol ☐ Aviation ☐ Premix ☒ Fuel Oil ☐ Kerosene
☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Waste/Used Motor Oil ☐ Hazardous Waste* ☐ Unknown*
☐ Chemical* Name CAS #: ☐ Other (specify):

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude: **Geo Longitude:**

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 01-10-01
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

Owner or Operator Name (please print): Doris Deering
Indicate if you are: ☒ Owner or ☐ Operator

Owner or Operator Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) Doris Deering **Date** 1/17/01

ER-7437 (R12/99)

Note: Refer to comments on reverse side of form.

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. The form must be signed by a person with legal responsibility for the underground system (including responsibility for any environmental damage cause by the system.) It is necessary to complete ALL shaded areas and as many other items as possible.

DEFINITIONS AND EXPLANATIONS FOR COMPLETING THIS FORM

Land Owner Type - classifies the organization that owns the property the tank is located on. A *"Private"* land owner is residential, commercial, mercantile, industrial, farm, non-government owned public utility, or other business organization.

Occupancy Type – identifies the occupancy.

Retail Fuel Sales	Tank is used to store any fuel product that is offered for sale in the retail market.
Bulk Storage	Tank is used to store any fuel product that is offered for sale in the wholesale market.
Industrial	Tank is used to store any regulated product associated with an industrial fleet, heating, industrial fabricating, manufacturing or processing.
Mercantile/Commercial	Tank is used to store any regulated product associated with a commercial business fleet, heating, or processing, e.g., service company, medical facility, freight, airport, apartment, etc.
Utility	Tank is used to store any regulated product associated with a public or private water or power utility fleet, heating, or processing.
Residential	Tank is used to store any regulated product for residential heating or residential automobile fueling.
School	Tank is used to store any regulated product at public or private primary, secondary or higher educational institution.
Agricultural	Tank is used to store any regulated product directly associated with crop or livestock production.
Back-up or Emergency Generator	Tank is used to store any fuel used to power a backup or emergency generator.

COMMERCE UST/AST Permit and Registration Group

Areas of responsibility by county

Adams through Eau Claire counties..... (608) 267-2051
Florence through Marquette counties..... (608) 267-1383
Milwaukee through Rusk counties..... (608) 267-5280
Menominee County and St. Croix through Wood counties..... (608) 267-1382

Lead Worker..... (608) 267-1384

CLOSURE ASSESSMENT INFORMATION

Requirements for a site assessment at the closure or change in service for a federally regulated underground storage tank were outlined in federal rules published in the September 23, 1988 Federal Register, 40 CFR 280 and 281.

The requirements in § 280.72 state:

> (a) Before permanent closure or a change-in-service is completed, owners and operators must measure for the presence of a release where contamination is most likely to be present at the UST site. In selecting sample types, sample locations, and measurement methods, owners and operators must consider the method of closure, the nature of the stored substance, the type of backfill, the depth to ground water, and other factors appropriate for identifying the presence of a release. The requirements of this section are satisfied if one of the external release detection methods allowed in § 280.43 (e) and (f) is operating in accordance with the requirements in § 280.43 at the time of closure, and indicates no release has occurred.

Complete written guidelines on the conduct of a closure site assessment can be obtained from the DNR.

Closure site assessments are to be submitted to the DNR at the following address:

Bureau of Solid and Hazardous Waste Management
P.O. Box 7921
Madison, WI 53707

File #:
Reg Obj #:

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulation
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this 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)(m)].

This registration applies to a tank status that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Abandon with Water
☐ Abandoned without Product (empty) ☐ Temporarily Out of Service - Provide Date:

Fire Department providing fire coverage where tank is located:
☒ City ☐ Village ☐ Town of: Seymour

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Street Address		Site Telephone Number
Deering Property	120 North Main Street		( ) NA
☒ City ☒ Village ☐ Town of: Seymour	State: WISCONSIN	Zip Code: 54165	County: Outagamie
2. Tank Owner Name: Doris Deering	Mailing Address: W4716 Chrissie Circle		Telephone Number: (715) 745-6031
☒ City ☐ Village ☐ Town of: Shawano	State: WI	Zip Code: 54166	County: Shawano
3. Previous Site Name	Previous site address if different than #1		

B. Site ID #: 65467 **Facility ID #:** **Customer ID #:** 299574

C. Tank Capacity (gallons): 500 Tank Age (age or date installed):

D. LAND OWNER TYPE (check one) Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. OCCUPANCY TYPE (check one) Refer to back
☐ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☒ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify)

F. Tank Construction:
☒ Bare Steel ☐ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____

Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No

G. Tank Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A
Tank Double Walled? ☐ Yes ☒ No

H. Primary Tank Leak Detection Method:
☐ Automatic tank gauging ☐ Interstitial monitoring ☐ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Vapor monitoring
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☒ Unknown

I. Piping Construction:
☒ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

J. Piping Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A
Pipe Double Walled? ☐ Yes ☒ No

K. Primary Piping System Type: ☐ Pressurized piping with ➡ A. ☐ auto shutoff; B. ☐ alarm, or C. ☐ flow restrictor ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☒ Not needed if waste oil

L. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☐ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☒ Not required ☐ Unknown

M. Vapor Recovery/Stage II ☐ Fiberglass ☐ Flexible ☐ Other (specify):
☐ Operational - Provide Date (mo./day/yr.): _____ CARB #: _____

N. TANK CONTENTS (Current, or previous product if tank now empty)
☐ Diesel ☐ Leaded ☐ Unleaded ☐ Gasohol ☐ Aviation ☐ Premix ☐ Fuel Oil ☐ Kerosene
☐ Empty* ☐ Sand/Gravel/Slurry* ☒ Waste/Used Motor Oil ☐ Hazardous Waste* ☐ Unknown*
☐ Chemical* Name _____ CAS #: _____ ☐ Other (specify):

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude: **Geo Longitude:**

O. If Tank Closed, Abandoned or Out of Service
Give date (mo/day/yr): 01-11-01

Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

Owner or Operator Name (please print): Doris Deering
Indicate if you are: ☒ Owner or ☐ Operator

Owner or Operator Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) **Date:** 1/17/01

Doris Deering

ER-7437 (R12/99)

Note: Refer to comments on reverse side of form.

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. The form must be signed by a person with legal responsibility for the underground system (including responsibility for any environmental damage cause by the system.) It is necessary to complete ALL shaded areas and as many other items as possible.

DEFINITIONS AND EXPLANATIONS FOR COMPLETING THIS FORM

Land Owner Type - classifies the organization that owns the property the tank is located on. A *"Private"* land owner is residential, commercial, mercantile, industrial, farm, non-government owned public utility, or other business organization.

Occupancy Type – identifies the occupancy.

Retail Fuel Sales	Tank is used to store any fuel product that is offered for sale in the retail market.
Bulk Storage	Tank is used to store any fuel product that is offered for sale in the wholesale market.
Industrial	Tank is used to store any regulated product associated with an industrial fleet, heating, industrial fabricating, manufacturing or processing.
Mercantile/Commercial	Tank is used to store any regulated product associated with a commercial business fleet, heating, or processing, e.g., service company, medical facility, freight, airport, apartment, etc.
Utility	Tank is used to store any regulated product associated with a public or private water or power utility fleet, heating, or processing.
Residential	Tank is used to store any regulated product for residential heating or residential automobile fueling.
School	Tank is used to store any regulated product at public or private primary, secondary or higher educational institution.
Agricultural	Tank is used to store any regulated product directly associated with crop or livestock production.
Back-up or Emergency Generator	Tank is used to store any fuel used to power a backup or emergency generator.

COMMERCE UST/AST Permit and Registration Group

Areas of responsibility by county

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Florence through Marquette counties..... (608) 267-1383
Milwaukee through Rusk counties..... (608) 267-5280
Menominee County and St. Croix through Wood counties..... (608) 267-1382

Lead Worker..... (608) 267-1384

CLOSURE ASSESSMENT INFORMATION

Requirements for a site assessment at the closure or change in service for a federally regulated underground storage tank were outlined in federal rules published in the September 23, 1988 Federal Register, 40 CFR 280 and 281.

The requirements in § 280.72 state:

(a) Before permanent closure or a change-in-service is completed, owners and operators must measure for the presence of a release where contamination is most likely to be present at the UST site. In selecting sample types, sample locations, and measurement methods, owners and operators must consider the method of closure, the nature of the stored substance, the type of backfill, the depth to ground water, and other factors appropriate for identifying the presence of a release. The requirements of this section are satisfied if one of the external release detection methods allowed in § 280.43 (e) and (f) is operating in accordance with the requirements in § 280.43 at the time of closure, and indicates no release has occurred.

Complete written guidelines on the conduct of a closure site assessment can be obtained from the DNR.

Closure site assessments are to be submitted to the DNR at the following address:

Bureau of Solid and Hazardous Waste Management
P.O. Box 7921
Madison, WI 53707

File #:

Reg Obj #:

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulation
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this 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)(m)].

This registration applies to a tank status that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Abandon with Water
☐ Abandoned without Product (empty) ☐ Temporarily Out of Service - Provide Date:

Fire Department providing fire coverage where tank is located:
☒ City ☐ Village ☐ Town of: Seymour

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Street Address	Site Telephone Number
Deering Property	120 North Main Street	( ) N/A
☒ City ☐ Village ☐ Town of: Seymour	State: WISCONSIN / Zip Code: 54165	County: Outagamie
2. Tank Owner Name: Doris Deering	Mailing Address: W4716 Chrissie Circle	Telephone Number: (715) 745-6031
☒ City ☐ Village ☐ Town of: Shawano	State: WI / Zip Code: 54166	County: Shawano
3. Previous Site Name	Previous site address if different than #1	

B. **Site ID #:** 65467 **Facility ID #:** **Customer ID #:** 299574

C. **Tank Capacity** (gallons): 200 Tank Age (age or date installed):

D. **LAND OWNER TYPE (check one)** Refer to back
☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

E. **OCCUPANCY TYPE (check one)** Refer to back
☒ Retail Fuel Sales ☐ Bulk Storage ☐ Terminal Storage ☐ Mercantile/Commercial ☐ Industrial ☐ Residential ☐ School
☐ Agricultural (crop or livestock production) ☐ Backup or Emergency Generator ☐ Gov't Fleet ☐ Utility ☐ Other (specify):

F. **Tank Construction:**
☒ Bare Steel ☐ Coated Steel ☐ Stainless steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): _____ ☐ Lined (date): _____

Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No

G. **Tank Cathodic Protection:** ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A

Tank Double Walled? ☐ Yes ☒ No

H. **Primary Tank Leak Detection Method:**
☐ Automatic tank gauging ☐ Interstitial monitoring ☐ Inventory control and tightness testing ☐ Groundwater monitoring ☐ Vapor monitoring
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Statistical Inventory Reconciliation (SIR) ☒ Unknown

I. **Piping Construction:**
☒ Bare Steel ☐ Coated Steel ☐ Stainless Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ NA ☐ Other _____

J. **Piping Cathodic Protection:** ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A

Pipe Double Walled? ☐ Yes ☒ No

K. **Primary Piping System Type:** ☐ Pressurized piping with → A. ☐ auto shutoff; B. ☐ alarm, or C. ☐ flow restrictor ☒ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

L. **Piping Leak Detection Method:** (used if pressurized or check valve at tank): ☐ SIR ☐ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☐ Not required ☒ Unknown

M. **Vapor Recovery/Stage II** ☐ Fiberglass ☐ Flexible ☐ Other (specify):
☐ Operational - Provide Date (mo./day/yr.): _____ CARB #: _____

N. **TANK CONTENTS (Current, or previous product if tank now empty)**
☐ Diesel ☐ Leaded ☐ Unleaded ☐ Gasohol ☐ Aviation ☐ Premix ☐ Fuel Oil ☒ Kerosene
☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Waste/Used Motor Oil ☐ Hazardous Waste* ☐ Unknown*
☐ Chemical* Name _____ CAS #: _____ ☐ Other (specify):

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude: **Geo Longitude:**

O. **If Tank Closed, Abandoned or Out of Service**
Give date (mo/day/yr): 01-11-01

Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

Owner or Operator Name (please print): Doris Deering

Indicate if you are: ☒ Owner or ☐ Operator

Owner or Operator Signature (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) Doris A Deering **Date** 1/17/01

ER-7437 (R12/99)

Note: Refer to comments on reverse side of form.

IMPORTANT: Failure to provide sufficient information may cause you to fall under additional regulations, and may delay PECFA eligibility determination. The form must be signed by a person with legal responsibility for the underground system (including responsibility for any environmental damage cause by the system.) It is necessary to complete ALL shaded areas and as many other items as possible.

DEFINITIONS AND EXPLANATIONS FOR COMPLETING THIS FORM

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Retail Fuel Sales	Tank is used to store any fuel product that is offered for sale in the retail market.
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Utility	Tank is used to store any regulated product associated with a public or private water or power utility fleet, heating, or processing.
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School	Tank is used to store any regulated product at public or private primary, secondary or higher educational institution.
Agricultural	Tank is used to store any regulated product directly associated with crop or livestock production.
Back-up or Emergency Generator	Tank is used to store any fuel used to power a backup or emergency generator.

COMMERCE UST/AST Permit and Registration Group

Areas of responsibility by county

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Menominee County and St. Croix through Wood counties..... (608) 267-1382

Lead Worker..... (608) 267-1384

CLOSURE ASSESSMENT INFORMATION

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Complete written guidelines on the conduct of a closure site assessment can be obtained from the DNR.

Closure site assessments are to be submitted to the DNR at the following address:

Bureau of Solid and Hazardous Waste Management
P.O. Box 7921
Madison, WI 53707

Complete this form for each site closure.

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

CHECKLIST FOR TANK CLOSURE

CHECK ONE:
☒ UNDERGROUND
☐ ABOVEGROUND

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

RETURN COMPLETED CHECKLIST TO:
Wisconsin Department of Commerce
ERS Division
Bureau of Storage Tank Regulation
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: Deering Property	2. Owner Name: Doris Deering
Site Street Address (not P.O. Box): 110 N Main Street	Owner Street Address: W 4176 Chrissie Circle
☒ City ☐ Village ☐ Town of: Seymour	☒ City ☐ Village ☐ Town of: Schawano — State: WI — Zip Code: 5416[illegible]
State: WI — Zip Code: 54165 — County: Outagamie	County: Schawano — Telephone No. (include area code): (715) 745-8031
3. Closure Company Name (print): American Remediation & Supply, LLC	Closure Company Street Address: N1431 Cty. H
Closure Company Telephone No. (include area code): (920) 845-2315	Closure Company City, State, Zip Code: Luxemburg WI 54217
4. Name of Company Performing Closure Assessment: Northern Environmental	Assessment Company Street Address, City, State, Zip Code: [illegible] Green Bay WI [illegible]
Telephone # (include area code): [illegible] — Certified Assessor Name (print): [illegible]	Assessor Signature: [illegible] — Assessor Certification No.: [illegible]

Tank ID #	Closure	Temp. Closure	Closure in Place	Tank Capacity	Contents*	Closure Assessment
1. 318606	☒	☐	☐	6,000	03	☒Y ☐N
2. 318608	☒	☐	☐	6,000	02	☒Y ☐N
3. 318607	☒	☐	☐	6,000	03	☒Y ☐N
4.	☒	☐	☐	1,000	04	☒Y ☐N
5.	☒	☐	☐	500	11	☒Y ☐N
6.	☒	☐	☐	200	14	☒Y ☐N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other: ________ 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.

	Remover Verified		Inspector Verified	N/A
B. TEMPORARILY OUT OF SERVICE				
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	☒Y	☐N	☐	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.				
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 from site	☒Y	☐N	☐	☐

C. CLOSURE BY REMOVAL (continued)

		Remover Verified
11.	Tank labeled in 2" high letters after removal but before being moved from site.	☒Y ☐
	NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.	
12.	Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☐Y
13.	Inventory form ERS-7437 filed by owner with the Department of Commerce indicating closure by removal.	☐Y
14.	Site security is provided while the excavation is open.	☐Y ☐

D. CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.

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.	☐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 the Department of Commerce 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: Action previously reported to DNR 608-275-3266

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

F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

☐Eductor 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 ar
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

H. REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
Dave Keller	Dave Keller	24123	1-11-0

I. INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Certification No.

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
		1-24

TANK INVENTORY FORM ERS-7437 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE CHECKLIST

REMOVER

ATTACHMENT D

LABORATORY ANALYSIS REPORTS AND CHAIN-OF-CUSTODY RECORDS

U.S. Analytical Lab

LYNELLE CAINE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # CSY 03-1109-1162
Project Name SEYMOUR
Invoice # E31979

Report Date *30-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979A						**Sample Type** Soil			
Sample ID S18						**Sample Date** 1/11/01			
Inorganic									
General									
Solids Percent	83.7	%			1	1/15/01	5021	JDB	1
Organic									
General									
Product ID	See attached				1	1/16/01	US 442	JDB	1
VOC's									
Benzene	< 250	ug/kg	91	300	10	1/18/01	8021A	CJR	1
Bromobenzene	< 250	ug/kg	130	420	10	1/18/01	8021A	CJR	1
Bromodichloromethane	< 250	ug/kg	73	240	10	1/18/01	8021A	CJR	1
tert-Butylbenzene	< 250	ug/kg	100	330	10	1/18/01	8021A	CJR	1
sec-Butylbenzene	11000	ug/kg	85	280	10	1/18/01	8021A	CJR	1
n-Butylbenzene	120000	ug/kg	88	290	10	1/18/01	8021A	CJR	1
Carbon Tetrachloride	< 250	ug/kg	83	280	10	1/18/01	8021A	CJR	1
Chlorobenzene	< 250	ug/kg	84	280	10	1/18/01	8021A	CJR	1
Chloroethane	< 250	ug/kg	110	350	10	1/18/01	8021A	CJR	1
Chloroform	< 250	ug/kg	79	260	10	1/18/01	8021A	CJR	1
Chloromethane	< 250	ug/kg	50	170	10	1/18/01	8021A	CJR	4
2-Chlorotoluene	< 250	ug/kg	24	84	10	1/18/01	8021A	CJR	1
4-Chlorotoluene	< 250	ug/kg	23	85	10	1/18/01	8021A	CJR	1
2,2-DCP, cis-1,2-Dichloroethene	< 500	ug/kg	41	200	10	1/18/01	8021A	CJR	1
1,2-Dibromo-3-chloropropane	< 250	ug/kg	110	370	10	1/18/01	8021A	CJR	1
Dibromochloromethane	< 250	ug/kg	94	310	10	1/18/01	8021A	CJR	1
1,4-Dichlorobenzene	< 250	ug/kg	88	290	10	1/18/01	8021A	CJR	1
1,3-Dichlorobenzene	< 250	ug/kg	86	290	10	1/18/01	8021A	CJR	1
1,2-Dichlorobenzene	< 250	ug/kg	89	300	10	1/18/01	8021A	CJR	1
Dichlorodifluoromethane	< 250	ug/kg	83	250	10	1/18/01	8021A	CJR	4
1,2-Dichloroethane	< 250	ug/kg	86	290	10	1/18/01	8021A	CJR	1
1,1-Dichloroethane	< 250	ug/kg	74	250	10	1/18/01	8021A	CJR	1
1,1-Dichloroethene	< 250	ug/kg	83	280	10	1/18/01	8021A	CJR	1
cis-1,2-Dichloroethene	< 250	ug/kg	57	190	10	1/18/01	8021A	CJR	1
trans-1,2-Dichloroethene	< 250	ug/kg	75	250	10	1/18/01	8021A	CJR	1
1,2-Dichloropropane	< 250	ug/kg	89	300	10	1/18/01	8021A	CJR	1
1,3-Dichloropropane	< 250	ug/kg	110	350	10	1/18/01	8021A	CJR	1
Di-isopropyl ether	< 250	ug/kg	74	250	10	1/18/01	8021A	CJR	1
EDB (1,2-Dibromoethane)	< 250	ug/kg	93	310	10	1/18/01	8021A	CJR	1

U.S. Analytical Lab

LYNELLE CAINE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # CSY 03-1109-1162
Project Name SEYMOUR
Invoice # E31979

Report Date *30-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979A						**Sample Type** Soil			
Sample ID S18						**Sample Date** 1/11/01			
Ethylbenzene	57000	ug/kg	79	260	10	1/18/01	8021A	CJR	1
Hexachlorobutadiene	< 250	ug/kg	64	210	10	1/18/01	8021A	CJR	1
Isopropylbenzene	11000	ug/kg	100	330	10	1/18/01	8021A	CJR	1
p-Isopropyltoluene	4900	ug/kg	90	300	10	1/18/01	8021A	CJR	1
Methylene chloride	< 250	ug/kg	130	420	10	1/18/01	8021A	CJR	1
MTBE	< 250	ug/kg	110	380	10	1/18/01	8021A	CJR	1
Naphthalene	23000	ug/kg	110	380	10	1/18/01	8021A	CJR	1
n-Propylbenzene	41000	ug/kg	160	530	10	1/18/01	8021A	CJR	1
1,1,2,2-Tetrachloroethane	< 250	ug/kg	240	810	10	1/18/01	8021A	CJR	1
Tetrachloroethene	< 250	ug/kg	76	250	10	1/18/01	8021A	CJR	1
Toluene	10000	ug/kg	67	220	10	1/18/01	8021A	CJR	1
1,2,4-Trichlorobenzene	< 250	ug/kg	88	290	10	1/18/01	8021A	CJR	1
1,2,3-Trichlorobenzene	< 250	ug/kg	93	310	10	1/18/01	8021A	CJR	1
1,1,1-Trichloroethane	< 250	ug/kg	84	280	10	1/18/01	8021A	CJR	1
1,1,2-Trichloroethane	< 250	ug/kg	110	360	10	1/18/01	8021A	CJR	1
Trichloroethene	< 250	ug/kg	150	510	10	1/18/01	8021A	CJR	1
Trichlorofluoromethane	< 250	ug/kg	88	290	10	1/18/01	8021A	CJR	4
1,2,4-Trimethylbenzene	240000	ug/kg	69	230	10	1/18/01	8021A	CJR	1
1,3,5-Trimethylbenzene	100000	ug/kg	160	540	10	1/18/01	8021A	CJR	1
Vinyl Chloride	< 250	ug/kg	83	250	10	1/18/01	8021A	CJR	1
m&p-Xylene	320000	ug/kg	150	480	10	1/18/01	8021A	CJR	1
o-Xylene	140000	ug/kg	79	260	10	1/18/01	8021A	CJR	1
Lab Code 5031979B						**Sample Type** Soil			
Sample ID S17						**Sample Date** 1/11/01			
Inorganic									
General									
Solids Percent	89.9	%			1	1/15/01	5021	JDB	1
Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.38	1.3	1	1/16/01	DRO95	JDB	1

U.S. Analytical Lab

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954 CIRCLE DRIVE
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Invoice # E31979

Report Date *30-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979C						**Sample Type** Soil			
Sample ID S16						**Sample Date** 1/11/01			
Inorganic									
General									
Solids Percent	86.9	%			1	1/15/01	5021	JDB	1
Organic									
General									
Diesel Range Organics	230	mg/kg	0.38	1.3	1	1/16/01	DRO95	JDB	1 43
Lab Code 5031979D						**Sample Type** Soil			
Sample ID S6						**Sample Date** 1/10/01			
Inorganic									
General									
Solids Percent	91.4	%			1	1/15/01	5021	JDB	1
Organic									
General									
Diesel Range Organics	290	mg/kg	0.38	1.3	1	1/16/01	DRO95	JDB	1 44
Non Halogenated Organics									
Lube Oil	550	mg/kg	8.3	28	1	1/19/01	8015	JDB	1 55
Lab Code 5031979E						**Sample Type** Soil			
Sample ID S7						**Sample Date** 1/10/01			
Inorganic									
General									
Solids Percent	93.4	%			1	1/15/01	5021	JDB	1
Organic									
General									
Diesel Range Organics	47	mg/kg	0.38	1.3	1	1/16/01	DRO95	JDB	1 44
Non Halogenated Organics									
Lube Oil	120	mg/kg	8.3	28	1	1/19/01	8015	JDB	1 55
Lab Code 5031979F						**Sample Type** Soil			
Sample ID S2						**Sample Date** 1/10/01			
Inorganic									
General									
Solids Percent	92.7	%			1	1/15/01	5021	JDB	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979F						**Sample Type** Soil			
Sample ID S2						**Sample Date** 1/10/01			
Metals									
Lead	< 6	mg/kg	6	20	1	1/17/01	6010B	JLA	1
Organic									
General									
Gasoline Range Organics	< 10	mg/kg	0.84	2.7	1	1/16/01	GRO95	CJR	1
PVOC + 1,2 DCA									
Benzene	< 25	ug/kg	9.1	30	1	1/18/01	8021A	CJR	1
1,2-Dichloroethane	< 25	ug/kg	8.6	29	1	1/18/01	8021A	CJR	1
Ethylbenzene	< 25	ug/kg	7.9	26	1	1/18/01	8021A	CJR	1
MTBE	< 25	ug/kg	11	38	1	1/18/01	8021A	CJR	1
Toluene	< 25	ug/kg	6.7	22	1	1/18/01	8021A	CJR	1
1,2,4-Trimethylbenzene	43	ug/kg	6.9	23	1	1/18/01	8021A	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	16	54	1	1/18/01	8021A	CJR	1
m&p-Xylene	< 50	ug/kg	15	48	1	1/18/01	8021A	CJR	1
o-Xylene	< 25	ug/kg	7.9	26	1	1/18/01	8021A	CJR	1
Lab Code 5031979G						**Sample Type** Soil			
Sample ID S3						**Sample Date** 1/10/01			
Inorganic									
General									
Solids Percent	86.3	%			1	1/15/01	5021	JDB	1
Metals									
Lead	6.8 "J"	mg/kg	6	20	1	1/17/01	6010B	JLA	1
Organic									
General									
Gasoline Range Organics	< 10	mg/kg	0.84	2.7	1	1/16/01	GRO95	CJR	1
PVOC + 1,2 DCA									
Benzene	< 25	ug/kg	9.1	30	1	1/18/01	8021A	CJR	1
1,2-Dichloroethane	< 25	ug/kg	8.6	29	1	1/18/01	8021A	CJR	1
Ethylbenzene	< 25	ug/kg	7.9	26	1	1/18/01	8021A	CJR	1
MTBE	< 25	ug/kg	11	38	1	1/18/01	8021A	CJR	1
Toluene	< 25	ug/kg	6.7	22	1	1/18/01	8021A	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	6.9	23	1	1/18/01	8021A	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	16	54	1	1/18/01	8021A	CJR	1
m&p-Xylene	< 50	ug/kg	15	48	1	1/18/01	8021A	CJR	1

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Project # CSY 03-1109-1162
Project Name SEYMOUR
Invoice # E31979

Report Date *30-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979G						**Sample Type** Soil			
Sample ID S3						**Sample Date** 1/10/01			
o-Xylene	< 25	ug/kg	7.9	26	1	1/18/01	8021A	CJR	1
Lab Code 5031979H						**Sample Type** Soil			
Sample ID S8						**Sample Date** 1/10/01			
Inorganic									
General									
Solids Percent	85.6	%			1	1/15/01	5021	JDB	1
Metals									
Lead	120	mg/kg	6	20	1	1/17/01	6010B	JLA	1
Organic									
General									
Gasoline Range Organics	< 10	mg/kg	0.84	2.7	1	1/16/01	GRO95	CJR	1
PVOC + 1,2 DCA									
Benzene	< 25	ug/kg	9.1	30	1	1/18/01	8021A	CJR	1
1,2-Dichloroethane	< 25	ug/kg	8.6	29	1	1/18/01	8021A	CJR	1
Ethylbenzene	< 25	ug/kg	7.9	26	1	1/18/01	8021A	CJR	1
MTBE	< 25	ug/kg	11	38	1	1/18/01	8021A	CJR	1
Toluene	< 25	ug/kg	6.7	22	1	1/18/01	8021A	CJR	1
1,2,4-Trimethylbenzene	32	ug/kg	6.9	23	1	1/18/01	8021A	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	16	54	1	1/18/01	8021A	CJR	1
m&p-Xylene	< 50	ug/kg	15	48	1	1/18/01	8021A	CJR	1
o-Xylene	< 25	ug/kg	7.9	26	1	1/18/01	8021A	CJR	1
Lab Code 5031979I						**Sample Type** Soil			
Sample ID S11						**Sample Date** 1/10/01			
Inorganic									
General									
Solids Percent	89.9	%			1	1/15/01	5021	JDB	1
Metals									
Lead	< 6	mg/kg	6	20	1	1/17/01	6010B	JLA	1
Organic									
General									
Gasoline Range Organics	13	mg/kg	0.84	2.7	1	1/16/01	GRO95	CJR	1
PVOC + 1,2 DCA									
Benzene	< 25	ug/kg	9.1	30	1	1/18/01	8021A	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979I						**Sample Type** Soil			
Sample ID S11						**Sample Date** 1/10/01			
1,2-Dichloroethane	< 25	ug/kg	8.6	29	1	1/18/01	8021A	CJR	1
Ethylbenzene	130	ug/kg	7.9	26	1	1/18/01	8021A	CJR	1
MTBE	< 25	ug/kg	11	38	1	1/18/01	8021A	CJR	1
Toluene	< 25	ug/kg	6.7	22	1	1/18/01	8021A	CJR	1
1,2,4-Trimethylbenzene	3300	ug/kg	6.9	23	1	1/18/01	8021A	CJR	1
1,3,5-Trimethylbenzene	1000	ug/kg	16	54	1	1/18/01	8021A	CJR	1
m&p-Xylene	140	ug/kg	15	48	1	1/18/01	8021A	CJR	1
o-Xylene	< 25	ug/kg	7.9	26	1	1/18/01	8021A	CJR	1
Lab Code 5031979J						**Sample Type** Soil			
Sample ID S13						**Sample Date** 1/11/01			
Inorganic									
General									
Solids Percent	89.2	%			1	1/15/01	5021	JDB	1
Metals									
Cadmium	< 1.2	mg/kg	1.2	4	1	1/16/01	6010B	JLA	1
Lead	6.5 "J"	mg/kg	6	20	1	1/16/01	6010B	JLA	1
Organic									
General									
Diesel Range Organics	16	mg/kg	0.38	1.3	1	1/19/01	DRO95	JDB	1
PAH's									
Acenaphthene	< 21	ug/kg	21	70	1	1/19/01	M8270	DJM	1
Acenaphthylene	< 24	ug/kg	24	80	1	1/19/01	M8270	DJM	1
Anthracene	< 36	ug/kg	36	120	1	1/19/01	M8270	DJM	1
Benzo(a)anthracene	< 23	ug/kg	23	77	1	1/19/01	M8270	DJM	1
Benzo(a)pyrene	< 34	ug/kg	34	110	1	1/19/01	M8270	DJM	1
Benzo(b)fluoranthene	< 46	ug/kg	46	150	1	1/19/01	M8270	DJM	1
Benzo(g,h,i)perylene	< 29	ug/kg	29	100	1	1/19/01	M8270	DJM	1
Benzo(k)fluoranthene	< 48	ug/kg	48	160	1	1/19/01	M8270	DJM	1
Chrysene	< 42	ug/kg	42	140	1	1/19/01	M8270	DJM	1
Dibenzo(a,h)anthracene	< 18	ug/kg	18	60	1	1/19/01	M8270	DJM	1
Fluoranthene	< 38	ug/kg	38	130	1	1/19/01	M8270	DJM	1
Fluorene	< 47	ug/kg	47	160	1	1/19/01	M8270	DJM	1
Indeno(1,2,3-cd)pyrene	< 18	ug/kg	18	60	1	1/19/01	M8270	DJM	1
1-Methyl naphthalene	< 31	ug/kg	31	100	1	1/19/01	M8270	DJM	1
2-Methyl naphthalene	< 21	ug/kg	21	70	1	1/19/01	M8270	DJM	1

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Report Date *30-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979J						**Sample Type** Soil			
Sample ID S13						**Sample Date** 1/11/01			
Naphthalene	< 30	ug/kg	30	100	1	1/19/01	M8270	DJM	1
Phenanthrene	< 35	ug/kg	35	120	1	1/19/01	M8270	DJM	1
Pyrene	< 45	ug/kg	45	150	1	1/19/01	M8270	DJM	1
PCB's									
Aroclor 1016	< 3.2	ug/kg	3.2	11	1	1/26/01	8082	TJW	1 55
Aroclor 1221	< 3.2	ug/kg	3.2	11	1	1/26/01	8082	TJW	1 55
Aroclor 1232	< 3.2	ug/kg	3.2	11	1	1/26/01	8082	TJW	1 55
Aroclor 1242	< 3.2	ug/kg	3.2	11	1	1/26/01	8082	TJW	1 55
Aroclor 1248	< 3.2	ug/kg	3.2	11	1	1/26/01	8082	TJW	1 55
Aroclor 1254	< 3.2	ug/kg	3.2	11	1	1/26/01	8082	TJW	3 55
Aroclor 1260	< 3.2	ug/kg	3.2	11	1	1/26/01	8082	TJW	1 55
VOC's									
Benzene	< 25	ug/kg	9.1	30	1	1/19/01	8021A	CJR	1
Bromobenzene	< 25	ug/kg	13	42	1	1/19/01	8021A	CJR	1
Bromodichloromethane	< 25	ug/kg	7.3	24	1	1/19/01	8021A	CJR	1
tert-Butylbenzene	< 25	ug/kg	10	33	1	1/19/01	8021A	CJR	1
sec-Butylbenzene	< 25	ug/kg	8.5	28	1	1/19/01	8021A	CJR	1
n-Butylbenzene	56	ug/kg	8.8	29	1	1/19/01	8021A	CJR	1
Carbon Tetrachloride	< 25	ug/kg	8.3	28	1	1/19/01	8021A	CJR	1
Chlorobenzene	< 25	ug/kg	8.4	28	1	1/19/01	8021A	CJR	1
Chloroethane	< 25	ug/kg	11	35	1	1/19/01	8021A	CJR	1
Chloroform	< 25	ug/kg	7.9	26	1	1/19/01	8021A	CJR	1
Chloromethane	< 25	ug/kg	5	17	1	1/19/01	8021A	CJR	4
2-Chlorotoluene	< 25	ug/kg	2.4	8.4	1	1/19/01	8021A	CJR	1
4-Chlorotoluene	< 25	ug/kg	2.3	8.5	1	1/19/01	8021A	CJR	1
2,2-DCP, cis-1,2-Dichloroethene	< 50	ug/kg	4.1	20	1	1/19/01	8021A	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	1/19/01	8021A	CJR	1
Dibromochloromethane	< 25	ug/kg	9.4	31	1	1/19/01	8021A	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	8.8	29	1	1/19/01	8021A	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	8.6	29	1	1/19/01	8021A	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	8.9	30	1	1/19/01	8021A	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	8.3	25	1	1/19/01	8021A	CJR	4
1,2-Dichloroethane	< 25	ug/kg	8.6	29	1	1/19/01	8021A	CJR	1
1,1-Dichloroethane	< 25	ug/kg	7.4	25	1	1/19/01	8021A	CJR	1
1,1-Dichloroethene	< 25	ug/kg	8.3	28	1	1/19/01	8021A	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5.7	19	1	1/19/01	8021A	CJR	1

U.S. Analytical Lab

LYNELLE CAINE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # CSY 03-1109-1162
Project Name SEYMOUR
Invoice # E31979

Report Date *30-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979J						**Sample Type** Soil			
Sample ID S13						**Sample Date** 1/11/01			
trans-1,2-Dichloroethene	< 25	ug/kg	7.5	25	1	1/19/01	8021A	CJR	1
1,2-Dichloropropane	< 25	ug/kg	8.9	30	1	1/19/01	8021A	CJR	1
1,3-Dichloropropane	< 25	ug/kg	11	35	1	1/19/01	8021A	CJR	1
Di-isopropyl ether	< 25	ug/kg	7.4	25	1	1/19/01	8021A	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	9.3	31	1	1/19/01	8021A	CJR	1
Ethylbenzene	< 25	ug/kg	7.9	26	1	1/19/01	8021A	CJR	1
Hexachlorobutadiene	< 25	ug/kg	6.4	21	1	1/19/01	8021A	CJR	1
Isopropylbenzene	< 25	ug/kg	10	33	1	1/19/01	8021A	CJR	1
p-Isopropyltoluene	< 25	ug/kg	9	30	1	1/19/01	8021A	CJR	1
Methylene chloride	< 25	ug/kg	13	42	1	1/19/01	8021A	CJR	1
MTBE	< 25	ug/kg	11	38	1	1/19/01	8021A	CJR	1
Naphthalene	< 25	ug/kg	11	38	1	1/19/01	8021A	CJR	1
n-Propylbenzene	< 25	ug/kg	16	53	1	1/19/01	8021A	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	24	81	1	1/19/01	8021A	CJR	1
Tetrachloroethene	< 25	ug/kg	7.6	25	1	1/19/01	8021A	CJR	1
Toluene	< 25	ug/kg	6.7	22	1	1/19/01	8021A	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	8.8	29	1	1/19/01	8021A	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	9.3	31	1	1/19/01	8021A	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	8.4	28	1	1/19/01	8021A	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	11	36	1	1/19/01	8021A	CJR	1
Trichloroethene	< 25	ug/kg	15	51	1	1/19/01	8021A	CJR	1
Trichlorofluoromethane	< 25	ug/kg	8.8	29	1	1/19/01	8021A	CJR	2
1,2,4-Trimethylbenzene	140	ug/kg	6.9	23	1	1/19/01	8021A	CJR	1
1,3,5-Trimethylbenzene	48	ug/kg	16	54	1	1/19/01	8021A	CJR	1
Vinyl Chloride	< 25	ug/kg	8.3	25	1	1/19/01	8021A	CJR	1
m&p-Xylene	190	ug/kg	15	48	1	1/19/01	8021A	CJR	1
o-Xylene	270	ug/kg	7.9	26	1	1/19/01	8021A	CJR	1
Lab Code 5031979K						**Sample Type** Soil			
Sample ID S15						**Sample Date** 1/11/01			
Inorganic									
General									
Solids Percent	83.3	%			1	1/15/01	5021	JDB	1
Organic									
General									
Diesel Range Organics	9300	mg/kg	38	130	100	1/19/01	DRO95	JDB	1 44

U.S. Analytical Lab

LYNELLE CAINE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # CSY 03-1109-1162
Project Name SEYMOUR
Invoice # E31979

Report Date *30-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979K						**Sample Type** Soil			
Sample ID S15						**Sample Date** 1/11/01			
Gasoline Range Organics	190	mg/kg	0.84	2.7	1	1/16/01	GRO95	CJR	1 46
PVOC + 1,2 DCA									
Benzene	< 250	ug/kg	91	300	10	1/19/01	8021A	CJR	1
1,2-Dichloroethane	< 250	ug/kg	86	290	10	1/19/01	8021A	CJR	1
Ethylbenzene	1300	ug/kg	79	260	10	1/19/01	8021A	CJR	1
MTBE	< 250	ug/kg	110	380	10	1/19/01	8021A	CJR	1
Toluene	1900	ug/kg	67	220	10	1/19/01	8021A	CJR	1
1,2,4-Trimethylbenzene	21000	ug/kg	69	230	10	1/19/01	8021A	CJR	1
1,3,5-Trimethylbenzene	7800	ug/kg	160	540	10	1/19/01	8021A	CJR	1
m&p-Xylene	12000	ug/kg	150	480	10	1/19/01	8021A	CJR	1
o-Xylene	7600	ug/kg	79	260	10	1/19/01	8021A	CJR	1
Lab Code 5031979L						**Sample Type** Oil			
Sample ID						**Sample Date** 1/10/01			
Organic									
General									
Product ID	See attached				1	1/16/01	US 442	JDB	1

LOD Limit of Detection "J" Flag: Analyte detected between LOD and LOQ LOQ Limit of Quantitation

Code	*Comment*
1	All laboratory QC requirements were met for this sample.
2	The duplicate RPD failed to meet acceptable QC limits.
3	The spike recovery failed to meet acceptable QC limits.
4	The check standard failed to meet acceptable QC limits.
43	Chromatogram indicates possible gasoline contamination.
44	Chromatogram indicates possible lube oil contamination.
46	Chromatogram indicates contamination outside of the specified window.
55	QC failure due to matrix interference.

Authorized Signature Katherine A Brahmstadt

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445134030

January 29, 2001

Ms. Lynelle Caine
Northern Environmental
954 Circle Drive
Green Bay, WI 54304

Dear Ms. Caine:

This is a summary of a Product ID, labeled Hydraulic Oil, from Project # CSY03-1109-1162, and labcoded 5031979L. The analysis was performed by GC-FID. The chromatogram is included with this report. The chromatogram was also compared to GC chromatograms generated in the anlyses of samples S6 and S7, labcoded 5031979D and 5031979E, respectively.

The Hydraulic Oil chromatogram gave a fingerprint of the oil stored on this site. Sample S6 matched the hydraulic oil. Sample S7 indicates that a different oil is present. This analysis, however, does not rule out that sample S7 was a mixture of the hydraulic oil and another oil, slightly heavier in weight.

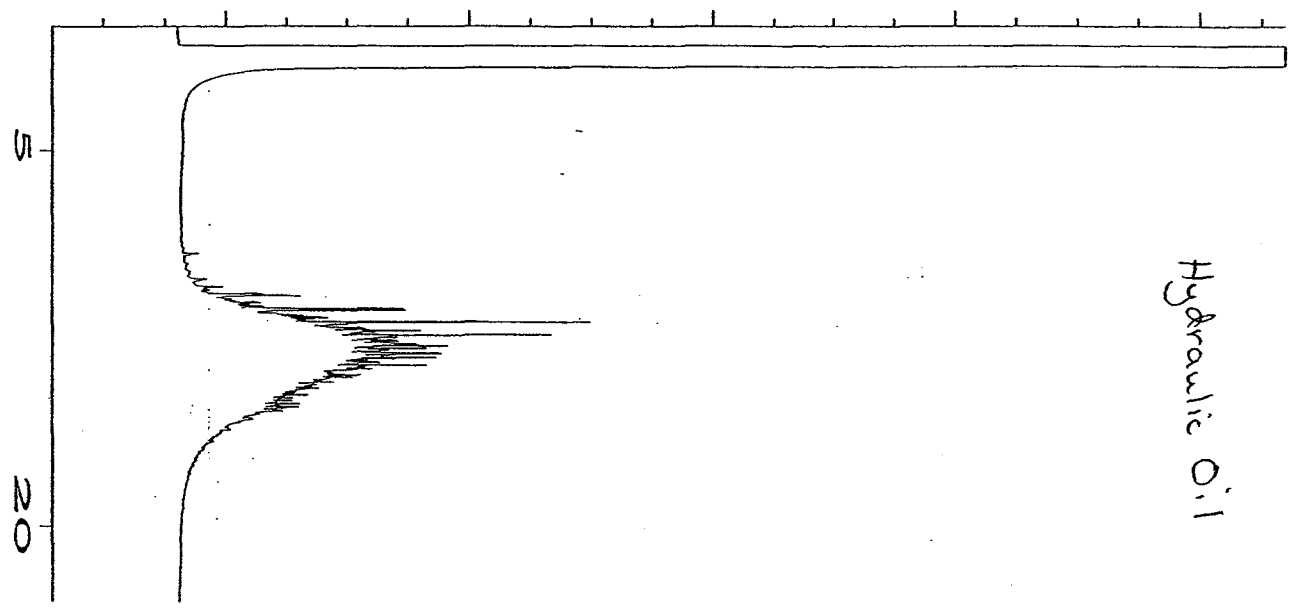
A Product ID was also requested for the same project, Sample S18, labcoded 5032979A. The chromatogram is also included with this report. The chromatogram indicates the presence of weathered gasoline. This interpretation is supported by VOC results.

If you have any questions on this report, please do not hesitate to call me.

Sincerely,

Dawn J. Menominee

Dawn J. Menominee
Semivolatiles Supervisor



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External Standard Report

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Data File Name	: C:\HPCHEM\1\DATA\310116\010F0101.D		
Operator	: JDB	Page Number	: 1
Instrument	: GC #3	Vial Number	: 10
Sample Name	: 5031979L 100:1	Injection Number	: 1
Run Time Bar Code:		Sequence Line	: 1
Acquired on	: 16 Jan 01 05:56 PM	Instrument Method	: DRORUN3.MTH
Report Created on	: 23 Jan 01 12:50 PM	Analysis Method	: DRO3LO11.MTH
Last Recalib on	: 03 JAN 01 09:05 AM	Sample Amount	: 0
Multiplier	: 1	ISTD Amount	:

Sig. 1 in C:\HPCHEM\1\DATA\310116\010F0101.D

Ret Time	Area	Type	Width	Ref#	mg/l	Name
7.331	* not found *			1		

Not all calibrated peaks were found

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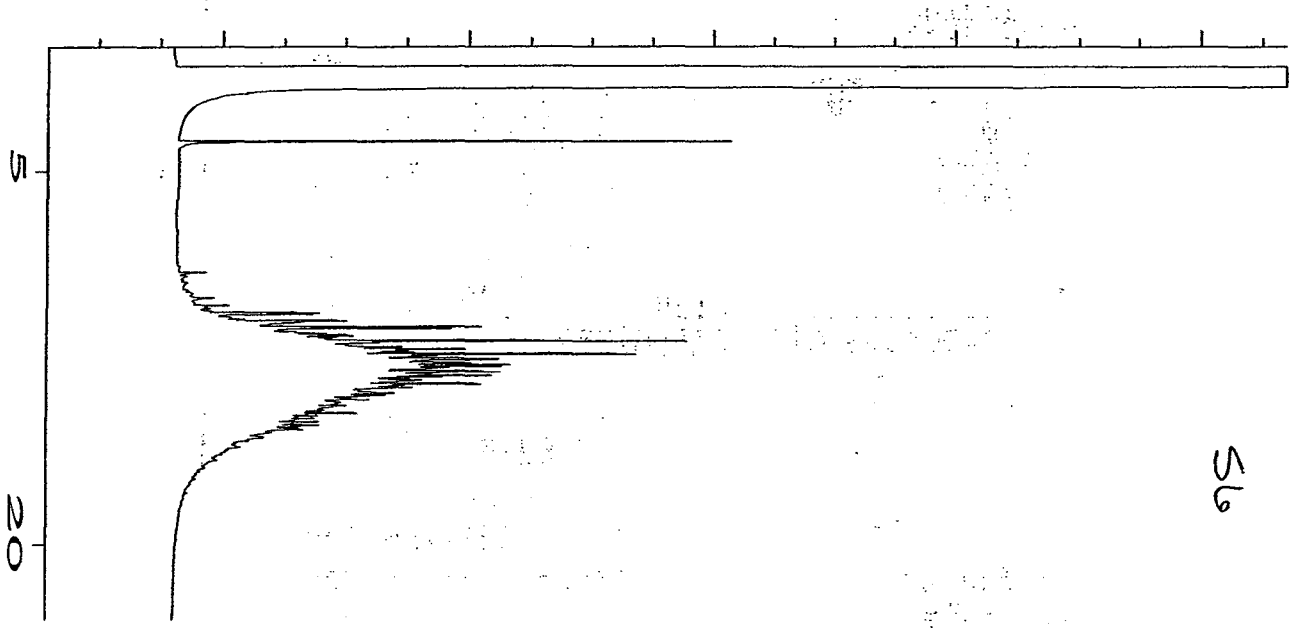


External Standard Report

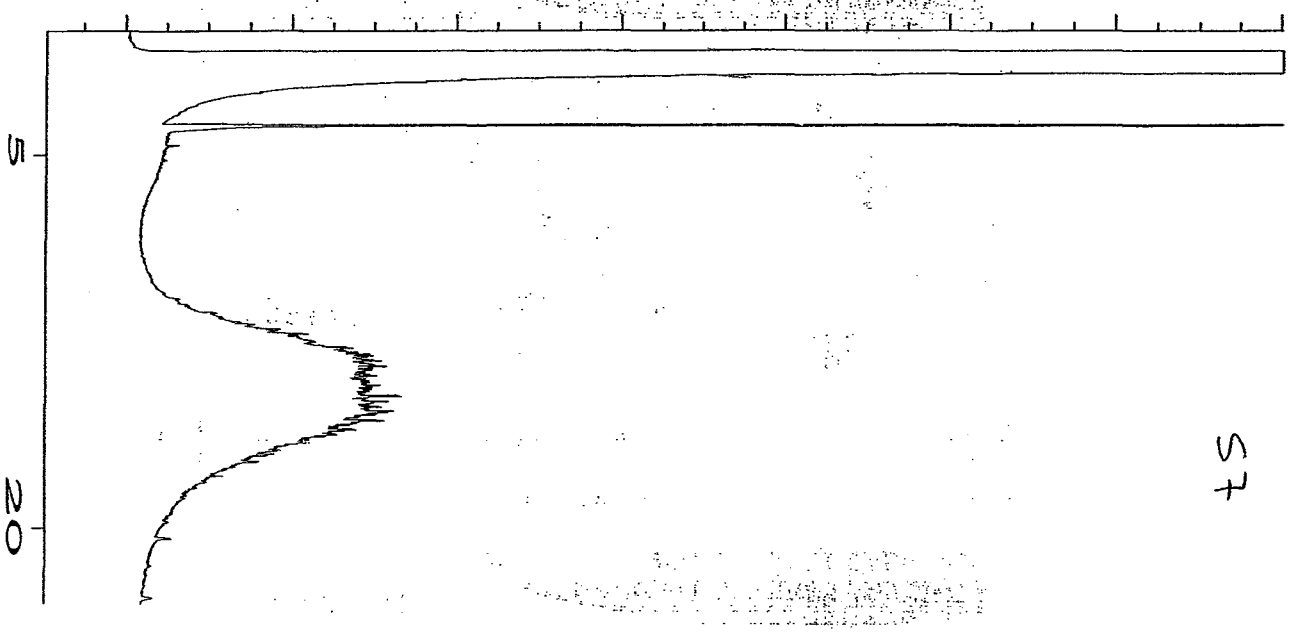
Data File Name	: C:\HPCHEM\1\DATA\310116\006F0101.D		
Operator	: JDB	Page Number	: 1
Instrument	: GC #3	Vial Number	: 6
Sample Name	: 5031979D	Injection Number	: 1
Run Time Bar Code:		Sequence Line	: 1
Acquired on	: 16 Jan 01 03:57 PM	Instrument Method	: DRORUN3.MTH
Report Created on	: 30 Jan 01 01:19 PM	Analysis Method	: DRORUN3.MTH
Last Recalib on	: 17 OCT 97 10:56 AM	Sample Amount	: 0
Multiplier	: 1	ISTD Amount	:

Sig. 1 in C:\HPCHEM\1\DATA\310116\006F0101.D

Ret Time	Area	Type	Width	Ref#	mg/l	Name
8.973	* not found *			1		

Not all calibrated peaks were found

Vial Number
Injection
Sequence



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External Standard Report

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Data File Name	: C:\HPCHEM\1\DATA\310116\007F0101.D		
Operator	: JDB	Page Number	: 1
Instrument	: GC #3	Vial Number	: 7
Sample Name	: 5031979E	Injection Number	: 1
Run Time Bar Code:		Sequence Line	: 1
Acquired on	: 16 Jan 01 04:27 PM	Instrument Method	: DRORUN3.MTH
Report Created on	: 30 Jan 01 01:10 PM	Analysis Method	: DRORUN3.MTH
Last Recalib on	: 17 OCT 97 10:56 AM	Sample Amount	: 0
Multiplier	: 1	ISTD Amount	:

Sig. 1 in C:\HPCHEM\1\DATA\310116\007F0101.D

Ret Time	Area	Type	Width	Ref#	mg/l	Name
8.973	* not found *				1	

Not all calibrated peaks were found

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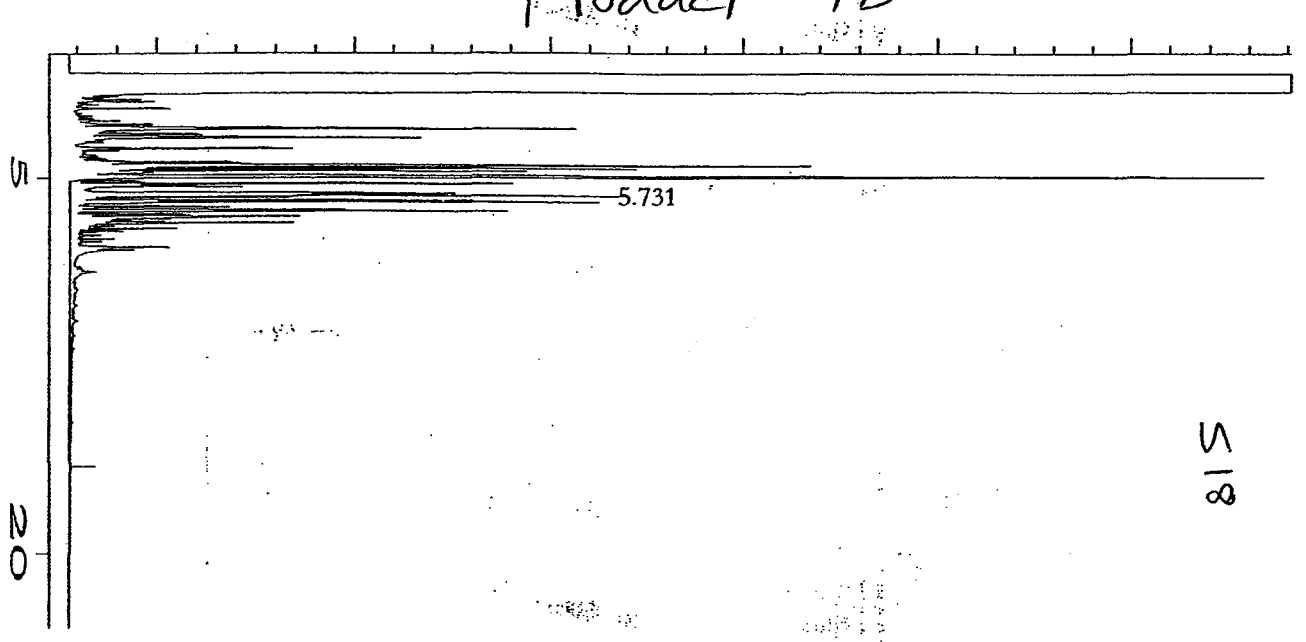
Product ID



User modified

S/8

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External Standard Report

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Data File Name	: C:\HPCHEM\1\DATA\310115\020F0101.D		
Operator	: JDB	Page Number	: 1
Instrument	: GC #3	Vial Number	: 20
Sample Name	: 5031979A	Injection Number	: 1
Run Time Bar Code:		Sequence Line	: 1
Acquired on	: 16 Jan 01 01:47 AM	Instrument Method	: DRORUN3.MTH
Report Created on	: 16 Jan 01 09:57 AM	Analysis Method	: DRO3HI11.MTH
Last Recalib on	: 03 JAN 01 09:05 AM	Sample Amount	: 0
Multiplier	: 1	ISTD Amount	:

Sig. 1 in C:\HPCHEM\1\DATA\310115\020F0101.D

Ret Time	Area	Type	Width	Ref#	mg/l	Name
5.731	757511	MM	0.422	1	8906.624	

User Modified

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Northern Environmental℠
Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

No: 5151

Check office originating request

☐ 1214 W. Venture Ct. Mequon, WI 53092 262-241-3133 FAX 262-241-8222

☐ 372 West County Road D New Brighton, MN 55112 651-635-9100 FAX 651-635-0643

☒ 954 Circle Drive Green Bay, WI 54304 920-592-8400 FAX 920-592-8444

☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844

☐ _____

☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023

☐ 3211 Arnold Lane Northbrook, IL 60062 847-562-8577 FAX 847-562-8552

☐ 2222 Hwy 52 North, Ste 210 Rochester, MN 55901 507-282-3800 FAX 507-282-3100

☐ 31628 Glendale Ave. Ste 100 Livonia, MI 48150 734-422-2624 FAX 734-422-3530

503979

Project No: 15Y03-1109-1162 Task No:

Project Location: (city) Seymour

Project Manager: Lynelle Caine

Sampler: (name) Nicole LaPlant

Sampler: (Signature) Nicole LaPlant

Sampling Date(s): 1-10-01 + 1-11-01

Reports to be Sent to: Lynelle Caine

Laboratory: US Oil

Wisconsin DNR Certification #: 445027660

Laboratory Contact: Mike Richter

Price Quote:

TURNAROUND TIME REQUIRED

☒ Normal ☐ Rush

Date Needed _____

Sample Integrity - To be completed by receiving lab

Seal intact upon receipt ☒ yes ☐ no

Method of shipment Courier

Contents Temperature 4 °C Refrigerator No. _____

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method	Pb (EPA Method	Product ID	Nonhalogenated Fingerprint (Hydraulic Oil)	1,2 DCA	Cadmium	PCBs
503979A **	S18	1-11-01	1200	2-2oz, 2-4oz, 1-plastic		X		Ice, Methanol					X			X				
B *	S17	↓	1150	2-2oz, 2-4oz, 1-plastic					X											
C *	S16	↓	1130	2-2oz, 1-4oz, 1 plastic					X											
D	S6	1-10-01	1350	"					X								X			
E	S7	↓	1353	"					X								X			
F	S2		1105	1-2oz, 1 plastic						X		X			X			X		
G	S3		1150	"						X		X			X			X		
H	S8		1420	"						X		X			X			X		
I	S11	↓	1521	"						X		X			X			X		
J	S13	1-11-01	1040	2-2oz, 1-4oz, 1 plastic		↓		↓	X				X	X	X				X	X

Packed for Shipping by:

Shipment Date:

Comments:

* We would like to compare results of S16 + S17 to determine if indicative of waste oil or fuel oil.

** Lynelle Caine will call Mike Richter to discuss Product ID analysis before running. (Sample of Hydraulic Oil is included for fingerprinting purposes)

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Company: NORTHERN ENV	Time: 7:30	Company:	Time:	Company: US OIL	Time: 2:45
Received By: Leo Huss	Date: 1-12-01	Received By:	Date:	Received By: R Blair	Date: 1-12-01
Company: US OIL	Time: 7:30	Company:	Time:	Company: US Oil	Time: 14:45

No: 15152

Northern Environmental℠

Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Check office originating request

☐ 1214 W. Venture Ct. Mequon, WI 53092 262-241-3133 FAX 262-241-8222

☐ 372 West County Road D New Brighton, MN 55112 651-635-9100 FAX 651-635-0643

☒ 954 Circle Drive Green Bay, WI 54304 920-592-8400 FAX 920-592-8444

☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844

☐ _____

503979

☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023

☐ 3211 Arnold Lane Northbrook, IL 60062 847-562-8577 FAX 847-562-8552

☐ 2222 Hwy 52 North, Ste 210 Rochester, MN 55901 507-282-3800 FAX 507-282-3100

☐ 31628 Glendale Ave. Ste 100 Livonia, MI 48150 734-422-2624 FAX 734-422-3530

Project No: CSY03-1109-1162 Task No:

Project Location (city): Seymour

Project Manager: Lynelle Caine

Sampler (name): Nicole LaPlant

Sampler (Signature): 1/10/01 + 1/11/01

Sampling Date(s):

Reports to be Sent to: Lynelle Caine

Laboratory: U.S. Oil

Wisconsin DNR Certification #: 445027660

Laboratory Contact: Mike Richter

Price Quote:

TURNAROUND TIME REQUIRED

☒ Normal ☐ Rush

Date Needed _____

Sample Integrity - To be completed by receiving lab

Seal intact upon receipt ☒ yes ☐ no

Method of shipment Courier

Contents Temperature 4 °C Refrigerator No. 6

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description: Water	Description: Soil	Description: Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method)	Pb (EPA Method)	1,2DCA Included for Fingerprint of S6 + S7 (Product ID)
503979 K1	S15	1/11/01	1230	2-3oz, 1-4oz, 1-plastic		X		Ice, Methanol	X	X		X				X
K2	Hydraulic Oil	1/10/01	1915	2-40ml			X	ICE	~~X~~ X							X

Packed for Shipping by:

Shipment Date:

Comments:

S6 & S7 - Analyze DRO First. IF oil is present, also analyze for TPH as Hydraulic Oil. Hydraulic Oil is included to help in identifying any oil present in S6 & S7.

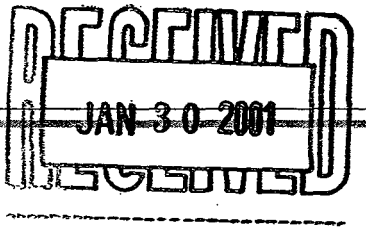
S18 - Run Product Id. @ $100 ea. (May be Kerosene and/or parts solvent present)

dym - per Lynelle 1-12-01

* Cancel DRO

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Ron Van Ahnen	1-12-01			Leo Huss	1-12-01
Company: NORTHERN ENV	Time: 7:30	Company:	Time:	Company:	Time: 2:45
Received By: Leo Huss	Date: 1-12-01	Received By:	Date:	Received By: K Blair	Date: 1-12-01
Company: US OIL	Time: 7:30	Company:	Time:	Company: U.S. Oil	Time: 14:45

U.S. Analytical Lab



LYNELLE CAINE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # CSY 1162
Project Name SEYMOUR
Invoice # E32009

Report Date *26-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5032009A						**Sample Type** Soil			
Sample ID S20						**Sample Date** 1/15/01			
Inorganic									
General									
Solids Percent	85.7	%			1	1/17/01	5021	KAH	1
Metals									
Lead	166	mg/kg	6	20	1	1/17/01	6010B	JLA	1
Organic									
General									
Gasoline Range Organics	11000	mg/kg	8.4	27	10	1/20/01	GRO95	CJR	1 46
VOC's									
Benzene	< 5000	ug/kg	1820	6000	200	1/19/01	8021A	CJR	1
1,2-Dichloroethane	< 5000	ug/kg	1720	5800	200	1/19/01	8021A	CJR	1
Ethylbenzene	12000	ug/kg	1580	5200	200	1/19/01	8021A	CJR	1
MTBE	< 5000	ug/kg	2200	7600	200	1/19/01	8021A	CJR	1
Toluene	< 5000	ug/kg	1340	4400	200	1/19/01	8021A	CJR	1
1,2,4-Trimethylbenzene	770000	ug/kg	1380	4600	200	1/19/01	8021A	CJR	1
1,3,5-Trimethylbenzene	400000	ug/kg	3200	10800	200	1/19/01	8021A	CJR	1
m&p-Xylene	280000	ug/kg	3000	9600	200	1/19/01	8021A	CJR	1
o-Xylene	220000	ug/kg	1580	5200	200	1/19/01	8021A	CJR	1
Lab Code 5032009B						**Sample Type** Soil			
Sample ID S21						**Sample Date** 1/15/01			
Inorganic									
General									
Solids Percent	91.9	%			1	1/17/01	5021	KAH	1
Metals									
Lead	22	mg/kg	6	20	1	1/17/01	6010B	JLA	1
Organic									
General									
Gasoline Range Organics	< 10	mg/kg	0.84	2.7	1	1/19/01	GRO95	CJR	1
VOC's									
Benzene	< 25	ug/kg	9.1	30	1	1/19/01	8021A	CJR	1
1,2-Dichloroethane	< 25	ug/kg	8.6	29	1	1/19/01	8021A	CJR	1
Ethylbenzene	25	ug/kg	7.9	26	1	1/19/01	8021A	CJR	1
MTBE	< 25	ug/kg	11	38	1	1/19/01	8021A	CJR	1
Toluene	55	ug/kg	6.7	22	1	1/19/01	8021A	CJR	1

U.S. Analytical Lab

LYNELLE CAINE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # CSY 1162
Project Name SEYMOUR
Invoice # E32009

Report Date *26-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5032009B						**Sample Type** Soil			
Sample ID S21						**Sample Date** 1/15/01			
1,2,4-Trimethylbenzene	150	ug/kg	6.9	23	1	1/19/01	8021A	CJR	1
1,3,5-Trimethylbenzene	65	ug/kg	16	54	1	1/19/01	8021A	CJR	1
m&p-Xylene	150	ug/kg	15	48	1	1/19/01	8021A	CJR	1
o-Xylene	120	ug/kg	7.9	26	1	1/19/01	8021A	CJR	1
Lab Code 5032009C						**Sample Type** Soil			
Sample ID S23						**Sample Date** 1/15/01			
Inorganic									
General									
Solids Percent	85.8	%			1	1/17/01	5021	KAH	1
Metals									
Lead	426	mg/kg	6	20	1	1/17/01	6010B	JLA	1
Organic									
General									
Gasoline Range Organics	280	mg/kg	0.84	2.7	1	1/20/01	GRO95	CJR	1 46
VOC's									
Benzene	< 1250	ug/kg	455	1500	50	1/19/01	8021A	CJR	1
1,2-Dichloroethane	< 1250	ug/kg	430	1450	50	1/19/01	8021A	CJR	1
Ethylbenzene	11000	ug/kg	395	1300	50	1/19/01	8021A	CJR	1
MTBE	< 1250	ug/kg	550	1900	50	1/19/01	8021A	CJR	1
Toluene	5400	ug/kg	335	1100	50	1/19/01	8021A	CJR	1
1,2,4-Trimethylbenzene	240000	ug/kg	345	1150	50	1/19/01	8021A	CJR	1
1,3,5-Trimethylbenzene	130000	ug/kg	800	2700	50	1/19/01	8021A	CJR	1
m&p-Xylene	130000	ug/kg	750	2400	50	1/19/01	8021A	CJR	1
o-Xylene	100000	ug/kg	395	1300	50	1/19/01	8021A	CJR	1

LOD Limit of Detection "J" Flag: Analyte detected between LOD and LOQ LOQ Limit of Quantitation

Code	*Comment*
1	All laboratory QC requirements were met for this sample.
46	Chromatogram indicates contamination outside of the specified window.

Authorized Signature Katherine A Brennstedt

No: 15127

Northern Environmental℠

Hydrologists • Engineers • Geologists

CHAIN OF CUSTODY RECORD REQUEST FOR ANALYSIS

Check office originating request

☐ 1214 W. Venture Ct. Mequon, WI 53092 262-241-3133 FAX 262-241-8222

☐ 372 West County Road D New Brighton, MN 55112 651-635-9100 FAX 651-635-0643

☒ 954 Circle Drive Green Bay, WI 54304 920-592-8400 FAX 920-592-8444

☐ 330 South 4th Avenue Park Falls, WI 54552 715-762-1544 FAX 715-762-1844

☐ _____

☐ 1203 Storbeck Drive Waupun, WI 53963 920-324-8600 FAX 920-324-3023

☐ 3211 Arnold Lane Northbrook, IL 60062 847-562-8577 FAX 847-562-8552

☐ 2222 Hwy 52 North, Ste 210 Rochester, MN 55901 507-282-3800 FAX 507-282-3100

☐ 31628 Glendale Ave. Ste 100 Livonia, MI 48150 734-422-2624 FAX 734-422-3530

5032009

Project No: CSY 1162 Task No: 50

Project Location: (city) Seymour

Project Manager: Lynelle Caine

Sampler: (name) Nicole LaPlant

Sampler: (Signature) Nicole LaPlant

Sampling Date(s): 1-15-01

Reports to be Sent to: Lynelle Caine

Laboratory: U.S. Analytical

Wisconsin DNR Certification #: 445027660

Laboratory Contact: Mike Richter

Price Quote:

TURNAROUND TIME REQUIRED

☒ Normal ☐ Rush

Date Needed _____

Sample Integrity - To be completed by receiving lab

Seal intact upon receipt ☒ yes ☐ no

Method of shipment Courier

Contents Temperature 4 °C Refrigerator No. ✓

8pm B

ANALYSES REQUESTED

Lab ID No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size & Type	Description Water	Description Soil	Description Other	Preservative	DRO (WI Modified Method)	GRO (WI Modified Method)	BETX (EPA Method 8020)	PVOC (EPA Method 8020)	VOC (EPA Method 8021)	PAH (EPA Method)	Pb (EPA Method)	1,2 - DCA
5032009A	~~519~~ 520	1-15-01	1200	1-2oz, 1 plastic		X		Methanol/ICE		X		X			X	X
B	521	↓	1430	↓		X		↓		X		X			X	X
C	523	↓	1450	↓		X		↓		X		X			X	X

Packed for Shipping by: Sue Knabe

Shipment Date: 1-16-01

Comments: called Lynelle 519 sample ID should be 520 KMB 1/16/01 9:30 AM

Relinquished By:	Date:	Relinquished By:	Date:	Relinquished By:	Date:
Sue Knabe	1-16-01	Clay Tessette	1/16/01		
Company: Northern Environmental	Time: 7:20am	Company: M&O Oil	Time: 2:07	Company:	Time:
Received By: Clay Tessette	Date: 1/16/01	Received By: T Ossman	Date: 1-16-01	Received By:	Date:
Company: M&O Oil	Time: 7:20	Company: US Oil	Time: 2:07	Company:	Time:

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
920-735-8295

WI DNR Certified Lab #445134030

March 22, 2001

Ms. Lynelle Caine
Northern Environmental
954 Circle Drive
Green Bay, WI 54304

Dear Ms. Caine:

The purpose of this letter is to follow-up on our telephone conversation on 3/22/01. As we discussed on the telephone, Non Halogenated Hydrocarbons is the same thing as Total Petroleum Hydrocarbon as Lube Oil. If you have any further questions, please call me at 1-800-490-4902.

Sincerely,

Michael J. Ricker
Laboratory Manager

U.S. Analytical Lab

LYNELLE CAINE
NORTHERN ENVIRONMENTAL
954 CIRCLE DRIVE
GREEN BAY WI 54304

Project # CSY 03-1109-1162
Project Name SEYMOUR
Invoice # E31979

Report Date *30-Jan-01*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5031979C						**Sample Type** Soil			
Sample ID S16						**Sample Date** 1/11/01			
Inorganic									
General									
Solids Percent	86.9	%			1	1/15/01	5021	JDB	1
Organic									
General									
Diesel Range Organics	230	mg/kg	0.38	1.3	1	1/16/01	DRO95	JDB	1 43
Lab Code 5031979D						**Sample Type** Soil			
Sample ID S6						**Sample Date** 1/10/01			
Inorganic									
General									
Solids Percent	91.4	%			1	1/15/01	5021	JDB	1
Organic									
General									
Diesel Range Organics	290	mg/kg	0.38	1 3	1	1/16/01	DRO95	JDB	1 44
~~Non Halogenated Organics TPH~~									
TPH AS Lube Oil	550 MA 3/22/01	mg/kg	8.3	28	1	1/19/01	8015	JDB	1 55
Lab Code 5031979E						**Sample Type** Soil			
Sample ID S7						**Sample Date** 1/10/01			
Inorganic									
General									
Solids Percent	93.4	%			1	1/15/01	5021	JDB	1
Organic									
General									
Diesel Range Organics	47	mg/kg	0.38	1.3	1	1/16/01	DRO95	JDB	1 44
~~Non Halogenated Organics TPH~~									
TPH AS Lube Oil	120 MA 3/22/01	mg/kg	8.3	28	1	1/19/01	8015	JDB	1 55
Lab Code 5031979F						**Sample Type** Soil			
Sample ID S2						**Sample Date** 1/10/01			
Inorganic									
General									
Solids Percent	92.7	%			1	1/15/01	5021	JDB	1