UST Site Assessment

Mirro/Foley, Plant 2
Chilton, Wisconsin

March 26, 1996

Northern Environmental℠
Hydrologists • Engineers • Geologists

954 Circle Drive
Green Bay, WI 54304
Fax 1-414-592-8444
1-414-592-8400

March 26, 1996
(USP320309)

Jesse Rose
U.S. Petroleum Equipment
558 Carter Court
Kimberly, Wisconsin 54113

RE: Underground Storage Tank Site Assessment for Mirro/Foley, Plant 2, 44 Walnut Street, Chilton, Wisconsin

Dear Mr. Rose:

Northern Environmental Technologies, Incorporated (Northern Environmental) performed an Underground Storage Tank (UST) Site Assessment on January 3, 1996, for U.S. Petroleum Equipment for two 15,000-gallon fuel oil USTs abandoned in-place at Mirro/Foley, Plant 2, 44 Walnut Street, Chilton, Wisconsin (the Property). The site location is shown in Figure 1. This UST site assessment conforms with the Wisconsin Department of Industry, Labor, and Human Relations (WDILHR) Flammable and Combustible Liquids Code and the Wisconsin Department of Natural Resources (WDNR) site assessment guidelines.

This report has been distributed to the parties listed in Attachment A. Tank abandonment is described in Attachment B. Copies of the letters requesting and approving tank abandonment in-place are also included in Attachment B. Tank cleaning and disposal activities are described in Attachment C. Surplus product management information is described in Attachment D. Tank sludge management is described in Attachment E. Visual inspection data is summarized in Attachment F. Background information is summarized in Attachment G.

Information obtained from the WDILHR, owner, and/or tank removal contractor about the UST systems is listed in Tables 1, 2, and 3. The location of the USTs within the basement of the building addition is shown on Figure 2. The UST system layout is illustrated in Figure 3. Copies of the updated Underground Petroleum Product Tank Inventory Forms and the Closure Checklist which were sent to the WDILHR are included in Attachment H.

The fuel oil USTs were originally registered as 17,500-gallon tanks; however, tank measurements taken at UST closure revealed that the actual capacity of the USTs was 15,000 gallons. The USTs were abandoned in-place by removing surplus product and sludge, cleaning the USTs, and filling the tanks with an inert material. Due to a high water table, the lower 1/3 of each tank was filled with concrete. The remaining 2/3 of the USTs were filled with stone. The concrete above the USTs was then replaced to meet original floor grade.

Six soil samples were collected during the UST closure in accordance with the WDNR guidance. Initially, attempts were made to obtain samples by hand-drilling through the inside of the empty, cleaned tanks. Ground water entered the tanks during each attempt, indicating a high ground-water table. Soil sampling efforts were then initiated outside of the tanks. Soil borings were conducted at the ends of each tank and at the northeast and southwest sides of the tank bed. Soil samples from each boring were collected at the top of the water table, located at approximately 2 feet below the finished grade of the basement. The locations of the sample points are shown in Figure 3.

Soil samples were subjected to field screening and laboratory analysis for diesel range organics (DRO). Field screening did not detect released product in the soil samples collected adjacent to the abandoned UST systems. Laboratory analysis found no detectable concentrations of DRO. Methods specific to field screening and sample preparation are included in Attachment I. The results of field screening and laboratory analysis are summarized in Table 4. Copies of the laboratory report and the chain-of-custody form are included in Attachment J.

Based on the information obtained during the UST site assessment, it appears that no release has occurred from the USTs. The interiors of the tanks were inspected after the cleaning process, and the USTs were found to be dry with no observable holes. Field screening and laboratory analytical results of soil samples collected outside of the USTs indicated no petroleum contamination in the surrounding soil. Therefore, Northern Environmental, on behalf of Mirro/Foley, requests that no further action be required regarding the UST system closure.

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

We trust this information meets your needs. Please feel free to contact Northern Environmental at 414-592-8400 if you have any questions or comments.

Sincerely,

Northern Environmental Technologies, Incorporated

Sibyl A. Lapinski, P.G.
Staff Hydrogeologist

Chris L. Shineldecker, P.G.
Associate Principal

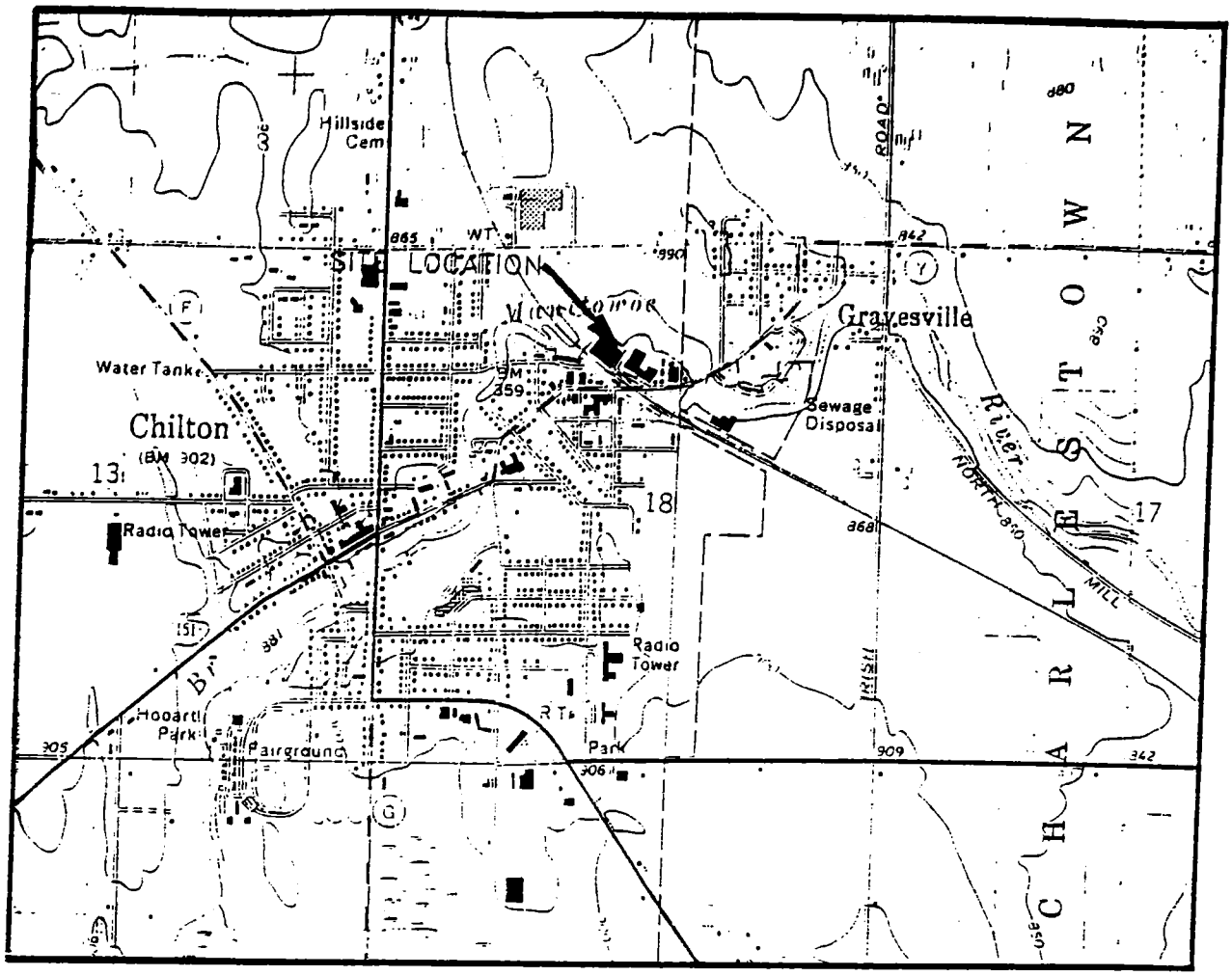
ddd
Enclosures

REFERENCES

Wisconsin Department of Industry, Labor, and Human Relations, Ch. ILHR 10, Wisconsin Administrative Code, *Flammable and Combustible Liquids,* April 1991.

Wisconsin Department of Natural Resources, *Site Assessments for Underground Storage Tanks Technical Guidance*, September 1992.

Wisconsin Department of Industry, Labor, and Human Relations, *DILHR On-Line Tanks Data Base*, .



SCALE IN FEET

1" = 2000'

0 1000 2000 3000 4000 5000 6000 7000 8000

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

N

QUADRANGLE LOCATION

BASE MAP SOURCE: USGS CHILTON, WISCONSIN 7.5 MINUTE QUADRANGLE

DRAWN BY: CAS	PROJECT: USP320309	DATE: 1/15/96

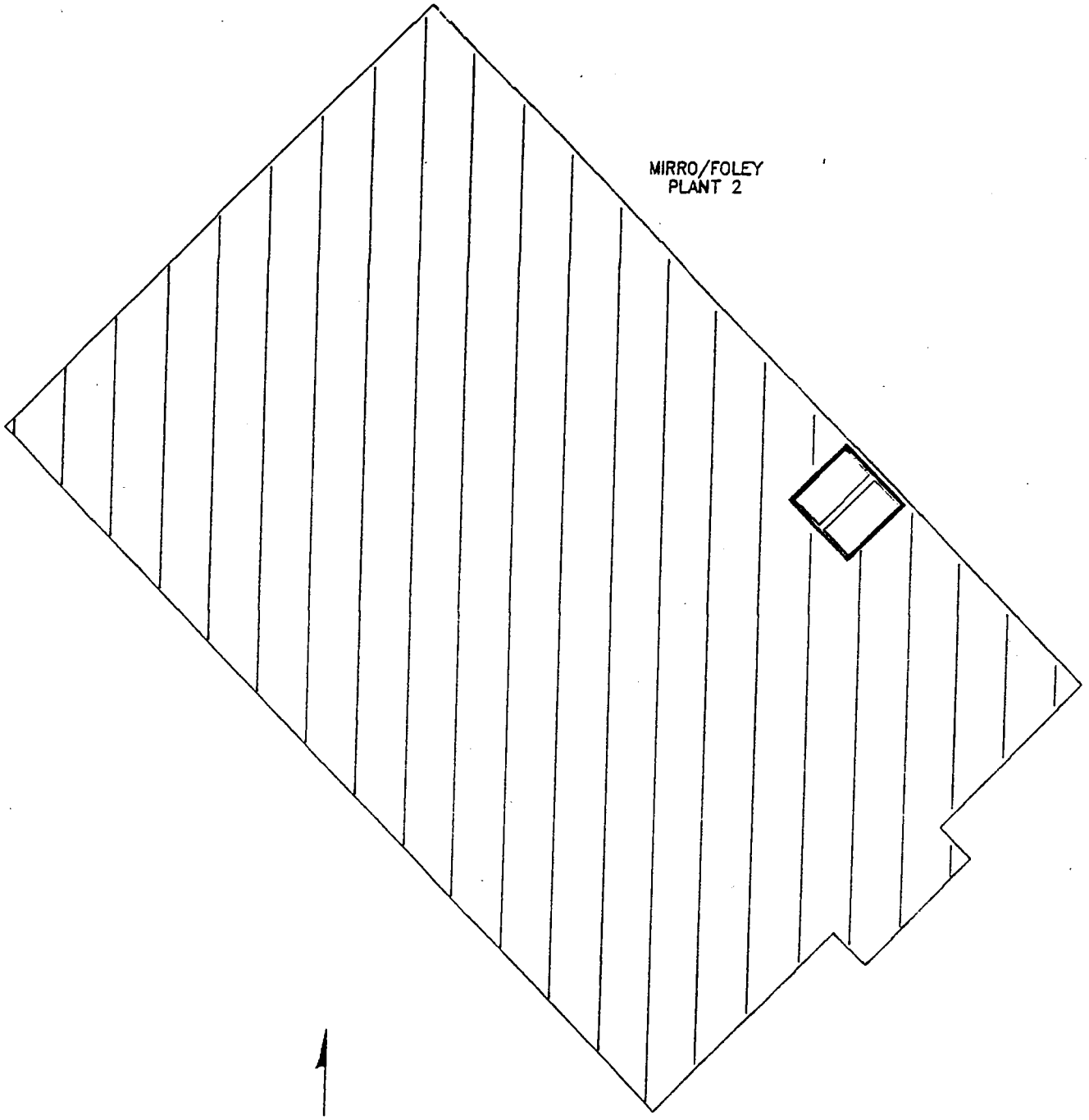
REV. DATE

FIGURE 1
SITE LOCATION AND LOCAL TOPOGRAPHY
MIRRO/FOLEY PLANT 2
CHILTON, WISCONSIN

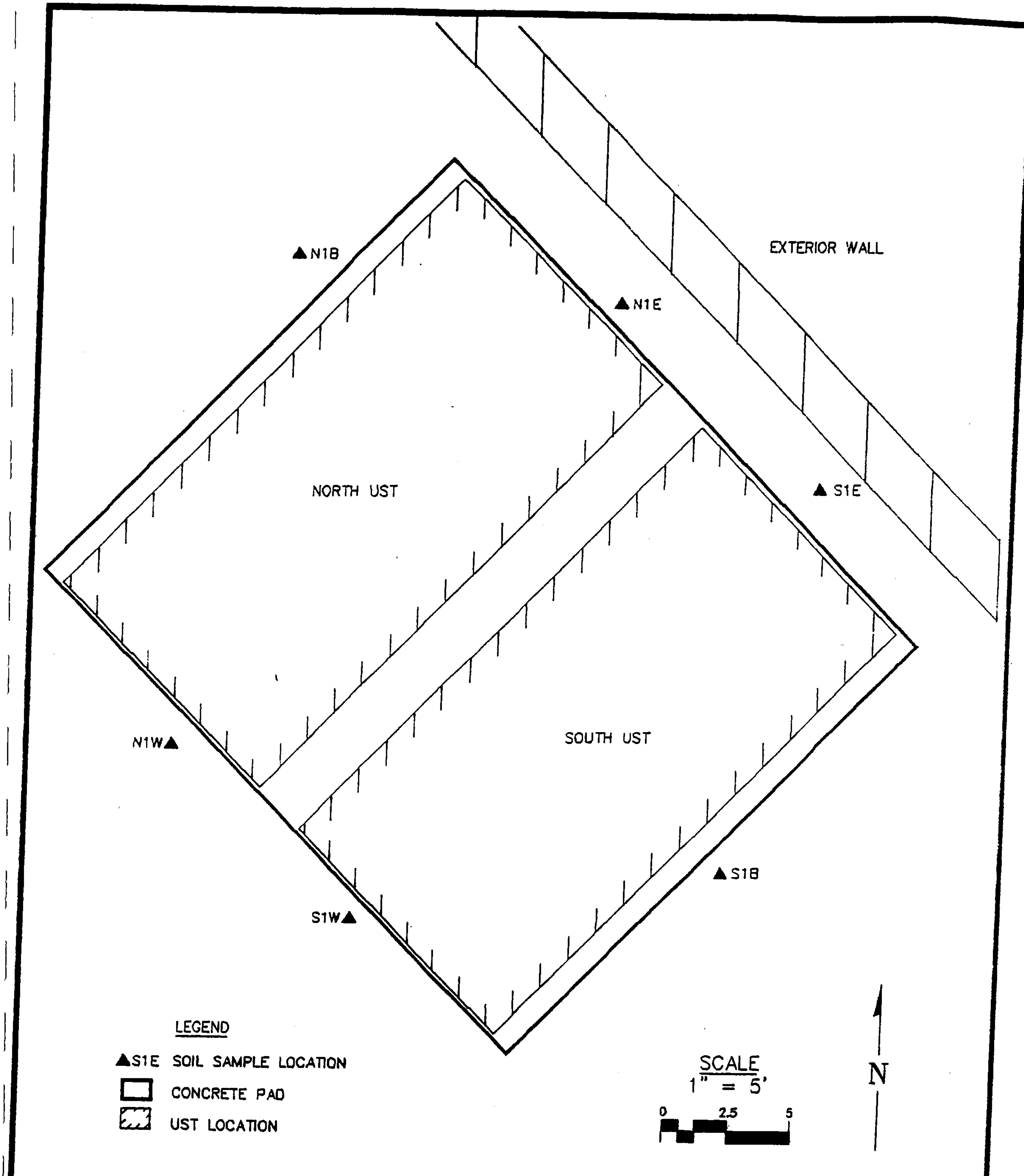
Northern Environmental℠
Hydrologists • Engineers • Geologists

FOR: U. S. PETROLEUM & EQUIPMENT

S:\PROJ\USP\320309\TOPO.DWG



DRAWN BY:AML	PROJECT:USP320309	DATE:1/15/96
REVISION DATE: 2/2/96	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF SHALL BE RETURNED TO THE OWNER ON DEMAND.	FIGURE 2 UST LOCATION MAP MIRRO/FOLEY PLANT 2 CHILTON, WISCONSIN
	Northern Environmental *Hydrologists • Engineers • Geologists*	FOR: U.S. PETROLEUM AND EQUIPMENT



DRAWN BY: AML | PROJECT: USP320309 | DATE: 1/15/96

REVISION DATE: 2/1/96

Northern Environmental
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FIGURE 3
UST LAYOUT AND SOIL SAMPLE LOCATIONS
MIRRO/FOLEY PLANT 2
CHILTON, WISCONSIN

FOR: U.S. PETROLEUM AND EQUIPMENT

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Table 1 Summary of UST Information, Mirro/Foley Company, Plant 2, Chilton, Wisconsin

UST Number	UST Construction	Volume (gallons)	Contents	Status	Date Installed	Registration Number
1	coated steel	15,000	fuel oil	abandoned in place	unknown	080500081
1	coated steel	15,000	fuel oil	abandoned in place	unknown	080500082

Note:
UST = underground storage tank

Table 2 Summary of Dispensing System Information, Mirro/Foley Company, Plant 2, Chilton, Wisconsin

UST Number	Type of Delivery System	Piping Construction	Location of Check Valve
1	suction lift	steel	at tank
1	suction lift	steel	at tank

Note:
UST = underground storage tank

Table 3 Summary of UST System Inspection, Mirro/Foley Company, Plant 2, Chilton, Wisconsin

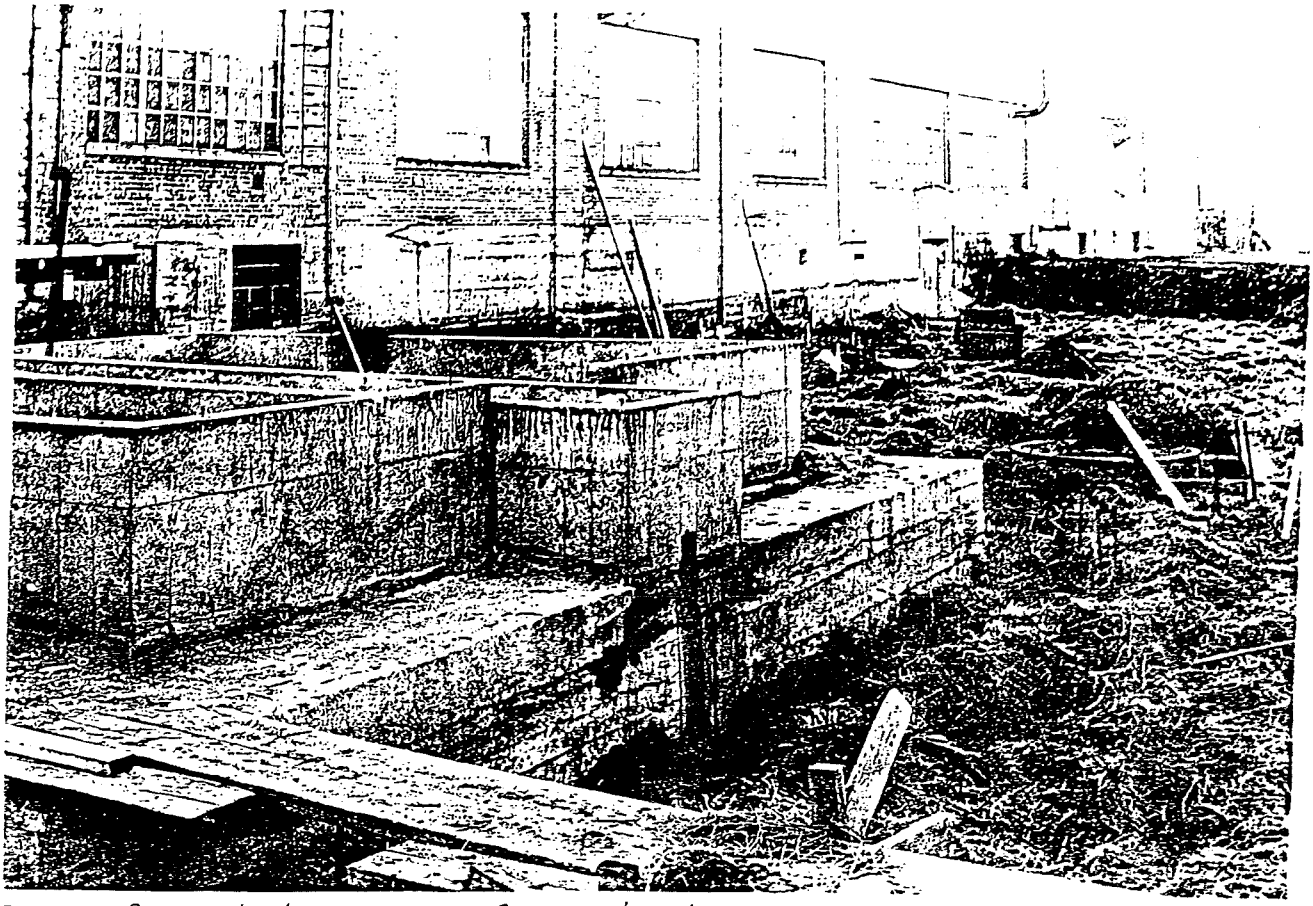
UST Number	UST Condition	Piping Condition	Piping Joint Integrity	Dispenser Condition	Any Apparent Releases
1	good	good	good	none	no
2	good	good	good	none	no

Note:
UST = underground storage tank

Table 4 Summary of Soil Field Screening and Lab Analysis, Mirro/Foley Company, Plant 2, Chilton, Wisconsin

Sample Number	UST Association	Location	Depth (fbg)	Date Collected	Time Screened	PID Response (iui)	Odor	Soil Description	Soil Type (USCS Classification)	Relative Moisture Content	DRO (mg/kg)
N1E	1	east end	2-3	01/03/96	1440	1.4	chemical or metallic odor	medium sand	SP	wet	<10
N1W	1	west end	1.5-2.5	01/03/96	1245	1.3	none	medium sand	SP	wet	<10
N1B	1	mid-tank, north side	2-3	01/03/96	1500	1.4	none	medium sand	SP	wet	<10
S1E	2	east end	2-3	01/03/96	No PID Sample		none	medium sand	SP	wet	<10
S1W	2	west end	1.5-2.5	01/03/96	No PID Sample		none	medium sand	SP	wet	<10
S1B	2	mid-tank, south side	2-3	01/03/96	No PID Sample		none	medium sand	SP	wet	<10

Note:
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
USCS = United Soil Classification System
UST = Underground Storage Tank
fbg = feet below grade
iui = instrument units as isobutylene
mg/kg = milligrams per kilogram



PROGRESS PHOTO – ADD'N. TO CHILTON PLANT – JOB NO 2882 MAR. 5, 1956

ATTACHMENT A

REPORT DISTRIBUTION

REPORT DISTRIBUTION

Tom Reed
Mirro Company
1512 Washington Street
Post Office Box 1330
Manitowoc, Wisconsin 54221-1330

Tank Response Unit - SW/3
Wisconsin Department of Natural Resources
Post Office Box 7921
Madison, Wisconsin 53707

Jesse Rose
U.S. Petroleum Equipment
558 Carter Court
Kimberly, Wisconsin 54113

Mr. Ron Habermann
Mr. Karl Beaster
Independent Inspections, Ltd.
S30 W24670 Sunset Drive
Waukesha, Wisconsin 53186

ATTACHMENT B

TANK ABANDONMENT

TANK ABANDONMENT

UST Closure

Removal: _____
Closure in-place: X
WDILHR Order: _____

Date of Removal or Abandonment

Date: December 27, 1995 - January 5, 1996

UST Removal Contractor

Company Name: U.S. Petroleum Equipment & Environmental Services
Company Address: 558 Carter Court, Kimberly, Wisconsin
Company Phone Number: 414-735-8232
Certified Individual: Mr. Jesse F. Rose
Certification Number: #00576

Site Assessor

Company Name: Northern Environmental Technologies, Incorporated
Company Address: 954 Circle Drive, Green Bay, Wisconsin
Company Phone Number: 414-592-8400
Certified Individual: Ms. Sibyl Lapinski
Certification Number: #06529

Excavator

Company Name: Not Applicable
Company Address: _____
Company Phone Number: _____

Description of Tanks Removed

See Tables 1 and 2

Number of Tanks Remaining on Site

See Tables 1 and 2

Petroleum Equipment & Environmental Services
A DIVISION OF U.S. OIL CO., INC.

MEMBER PEI

KIMBERLY
425 S. Washington Street., P.O. Box 25
Combined Locks, WI 54113
414-739-6100 or 1-800-490-4915
FAX 414-739-0741

BROOKFIELD
1425 Commerce Ave. Unit C
Brookfield, WI 53045
414-786-8742 or 1-800-490-4925
FAX 414-786-8853

COPY

January 10, 1996

Mr. Ron Habermann
Independent Inspections Ltd.
S30 W24670 Sunset Drive
Waukesha, WI 53186

RE: Request for Closure In Place of (2) 15,000 gallon No. 5 Fuel Oil Underground Storage Tanks (USTs) located at Mirro Foley Company Plant #2, 44 Walnut Street, Chilton, WI

Dear Mr. Habermann:

U.S. Petroleum Equipment & Environmental Services on behalf of Mirro Foley Company and owner's representative, Mr. Thomas E. Reed, request a site inspection of the above mentioned property. Due to the locations of the USTs inside the lowest story of the building, removal appears impossible.

U.S.P.E. plans to clean the USTs and remove and dispose of all accumulated sludge. It is anticipated that all sludge which has been tested will be properly disposed of at U.S. Oil Co., Inc.'s, Waste Oil to Energy Plant, Kimberly, WI.

Please contact me so a site inspection can be arranged. Once the inspection is made, please contact me in writing on your decision. U.S.P.E. will provide permit fees and an SBD 9198 notification form to your office. If closure in place is granted, a closure assessment with core samples following with a report will be forwarded to your office.

I look forward to hearing from you to set up a site inspection. If you have any further questions, please contact me at 414-735-8232.

Sincerely,

Jesse F Rose

Jesse F. Rose
Sales Representative

\last

IIL

Independent Inspections, Ltd.
Certified Construction Inspectors
S30 W24670 Sunset Drive
Waukesha, WI 53186

COPY

January 18, 1996

Jesse Rose
Sales Representative
U.S. Petroleum Equipment & Environmental Services
425 S. Washington Street
PO Box 25
Combined Locks, WI 54113

RE: Mirro Foley Company Plant #2, 44 Walnut St, Chilton, WI

Dear Mr. Rose:

In response to your request for granting a closure-in-place of two (2) 15,000 gallon tanks located at the above address, Inspector Karl Beaster has made an assessment of the site. Because of the location of the tanks inside the lowest story of the building, he does agree with you that a closure-in-place is the most practical method in which to close the tanks. Therefore, your request for closure-in-place is granted.

Please mail or FAX an ILHR 10 Notification Record with the date and time the inspector is needed on site to verify and sign the necessary paperwork. If you have any questions, please feel free to call the office at (800)422-8220.

Sincerely,

Ronald C. Habermann

Ronald C. Habermann
Director Fire and Tank Services
INDEPENDENT INSPECTIONS, LTD.

Enclosure: 2

file

RCH/ark

Phone 414-544-8280
Waukesha Office

Phone 1-800-422-5220

Fax 414-544-8299
Waukesha Office

ATTACHMENT C

TANK CLEANING AND DISPOSAL

TANK CLEANING AND DISPOSAL

Method Used to Clean the Tank (Describe)

The tanks were pressure washed.

Final Disposal (attach Disposal Documentation)

Not applicable, the tanks were abandoned in-place.

Handling of Cleaning Waste Water (attach Disposal Documentation)

Drummed _____
Taken Off-Site ___X___

The waste water was taken to the U.S. Oil Company, Waste to Energy Plant in Kimberly, Wisconsin.

Location of Cleaning

On-Site ___X___
Off-Site _____
Other _____

Method of Tank Transport (Describe)

Not applicable

Documentation of Emergency Waiver to Transport Tank

Not applicable

Contractor Dismantling Tank

Company Name: U.S. Petroleum Equipment
Company Address: 558 Carter Court, Kimberly, Wisconsin
Company Phone Number: 414-735-8234

Contractor Transporting Tank:

Company Name: Not applicable
Company Address: _____
Company Phone Number: _____

Contractor Disposing of Tank:

Company Name: Not applicable
Company Address:
Company Phone Number:

Contractor Cleaning Tank

Company Name: Schroeder Environmental Cleaning Services, Incorporated
Company Address: 719 Montreal Place
Company Phone Number: 414-339-9970
Certified Individuals: Troy Van Hout #00991 and Jarrod Blacklock #00981

Schroeder Environmental

Schroeder Environmental Cleaning Services, Inc.

January 5, 1996

U. S. Petroleum Equipment
558 Carter Court
Kimberly, WI 54136
Attn: Jesse Rose

Dear Jesse:

On December 27-28, 1995, Schroeder Environmental Cleaning Services, Inc. cleaned inground and rendered "VAPOR-FREE" two (2) 10,000 gallon #6 oil underground storage tanks located at Mirro Foley, Chilton, WI.

Both tanks were cleaned and tested "VAPOR-FREE". The equipment was set up to drill five holes in the south tank to find the water level. I understand that you arranged for tank disposal..

SECSI pumped the contents of the tanks into our vacuum truck and transported the waste to U.S. Waste-To-Energy for disposal.

Thank you for the opportunity to be of service. We look forward to working with you again.

Sincerely,

Nancy Schroeder

Nancy Schroeder
Business Manager

P.O. Box 545 • De Pere WI 54115 • 414-339-9970 • Fax: 414-339-8887

Appendix A

SCHROEDER ENVIRONMENTAL CONFINED SPACE ENTRY PERMIT

Authorized By: TVH

Permit # 95264 A

Entry Date: 12/27/95 **Entry Time:** 0500 **Job #** 95264

Site Location: Mirro Foley Chilton WI.

Description of Confined Spaces(s): 15000 gal + 500 gal ... tank

Name of Foreman: Troy Van Hea...

Name of Attendee(s): Jarrod Blacklock

Names of Person(s) Entering: Troy Van Hea...

COPY

Physical Hazards: falling

Chemical Hazards: #5 oil

	YES	NO	NA
Safety Meeting Held	X		
Safety Person Assigned	X		
Lockout/Tagout Completed	\		
Hotwork Permit Obtained			
Blanking Completed			X
Rescue Equipment in Place	X		
Fire Extinguishers in Place	X		
Emergency Procedures Discussed	X		
Chemical Protective Equipment Donned	X		
Respiratory Protective Equipment Donned	X		
Safety Harness Donned	X		
Lifeline Attached	\		
Tripod Positioned	\		
Ventilation Equipment in Place	\		
Special Air Monitoring Required	\		

Specify & How Often:

AIR MONITORING

	Safe Levels	Time	Results	Time	Results
Oxygen	19.5%-22.0%	1430	20.4		
Flammability	0-10% LEL	1430	2%		
Carbon Monoxide	0-35 PPM				
Hydrogen Sulfide	0-10 PPM				
Oxygen	19.5%-22.0%				
Flammability	0-10% LEL				
Carbon Monoxide	0-35 PPM				
Hydrogen Sulfide	0-10 PPM				

Instrument(s) Used Industrial Scientific

Person(s) Monitoring Jarrod Blacklock

Foreman's Signature Troy Van Hea...

Site Employees' Signatures

Appendix A

SCHROEDER ENVIRONMENTAL CONFINED SPACE ENTRY PERMIT

Authorized By: TH
Entry Date: 12/28/95 Entry Time: 9:30 Permit # 95264-C
Site Location: Mirro Foley, Chilton WI. Job # 95264

Description of Confined Spaces(s): 15,000 GAL UNDERGROUND 5 OIL TANK

Name of Foreman: TROY VANHOUT
Name of Attendee(s): GREG WILSON - JARROD BLACKLOCK
Names of Person(s) Entering: GREG WILSON

Physical Hazards: SLIP/FALL
Chemical Hazards: 5 OIL

COPY

	YES	NO	NA
Safety Meeting Held	X		
Safety Person Assigned	X		
Lockout/Tagout Completed	X		
Hotwork Permit Obtained			X
Blanking Completed			X
Rescue Equipment in Place	X		
Fire Extinguishers in Place	X		
Emergency Procedures Discussed	X		
Chemical Protective Equipment Donned	X		
Respiratory Protective Equipment Donned	X		
Safety Harness Donned	X		
Lifeline Attached	X		
Tripod Positioned	X		
Ventilation Equipment in Place	X		
Special Air Monitoring Required	X		

Specify & How Often: BEFORE ENTERING - EVERY 1/2 HOUR

AIR MONITORING

	Safe Levels	Time	Results	Time	Results
Oxygen	19.5%-22.0%	9:30	20.9		
Flammability	0-10% LEL	9:30	C		
Carbon Monoxide	0-35 PPM				
Hydrogen Sulfide	0-10 PPM				
Oxygen	19.5%-22.0%				
Flammability	0-10% LEL				
Carbon Monoxide	0-35 PPM				
Hydrogen Sulfide	0-10 PPM				

Instrument(s) Used MSA
Person(s) Monitoring GREG WILSON
Foreman's Signature
Site Employees' Signatures

Appendix A

SCHROEDER ENVIRONMENTAL CONFINED SPACE ENTRY PERMIT

Authorized By: TWH
Permit # 95264 - D
Entry Date: 12/28/95 Entry Time: 11:40 Job # 95264
Site Location: U.S. FE. Kimberly WI

Description of Confined Spaces(s): 3500 gal Vac Truck

Name of Foreman: Troy Crawford
Name of Attendee(s): Jarrod Blackstock
Names of Person(s) Entering: Greg Wilson

Physical Hazards: slipping
Chemical Hazards: H2S

	YES	NO	NA
Safety Meeting Held	X		
Safety Person Assigned	X		
Lockout/Tagout Completed			X
Hotwork Permit Obtained			X
Blanking Completed			X
Rescue Equipment in Place	X		
Fire Extinguishers in Place	X		
Emergency Procedures Discussed	X		
Chemical Protective Equipment Donned	X		
Respiratory Protective Equipment Donned	X		
Safety Harness Donned	X		
Lifeline Attached	X		
Tripod Positioned	X		
Ventilation Equipment in Place			
Special Air Monitoring Required			

Specify & How Often:

AIR MONITORING

	Safe Levels	Time	Results	Time	Results
Oxygen	19.5%-22.0%	11:39	20.1		
Flammability	0-10% LEL	11:39	0%		
Carbon Monoxide	0-35 PPM	11:39	0%		
Hydrogen Sulfide	0-10 PPM				
Oxygen	19.5%-22.0%				
Flammability	0-10% LEL				
Carbon Monoxide	0-35 PPM				
Hydrogen Sulfide	0-10 PPM				

Instrument(s) Used Industrial Scientific
Person(s) Monitoring Jarrod Blackstock
Foreman's Signature Troy Crawford
Site Employees' Signatures

Appendix A

SCHROEDER ENVIRONMENTAL CONFINED SPACE ENTRY PERMIT

Authorized By: I.V.H.
Entry Date: 12/28/95 Entry Time: Permit # 95264
Site Location: Mitre Foley - Chillicothe, Job # 95264

Description of Confined Spaces(s): 15,000 gal #5 oil

Name of Foreman: Troy Lawhorn
Name of Attendee(s): Jarrod Blackstock - Greg Wilson
Names of Person(s) Entering: Troy Lawhorn / Greg Wilson

COPY

Physical Hazards: falling - Cold
Chemical Hazards: #5 Oil

	YES	NO	NA
Safety Meeting Held	X		
Safety Person Assigned	X		
Lockout/Tagout Completed			X
Hotwork Permit Obtained	X		
Blanking Completed	X		
Rescue Equipment in Place	X		
Fire Extinguishers in Place	X		
Emergency Procedures Discussed	X		
Chemical Protective Equipment Donned	X		
Respiratory Protective Equipment Donned	X		
Safety Harness Donned	X		
Lifeline Attached	X		
Tripod Positioned	X		
Ventilation Equipment in Place	X		
Special Air Monitoring Required	X		

Specify & How Often:

AIR MONITORING

	Safe Levels	Time	Results	Time	Results
Oxygen	19.5%-22.0%	0800	20.4		
Flammability	0-10% LEL	0800	3%		
Carbon Monoxide	0-35 PPM				
Hydrogen Sulfide	0-10 PPM				
Oxygen	19.5%-22.0%				
Flammability	0-10% LEL				
Carbon Monoxide	0-35 PPM				
Hydrogen Sulfide	0-10 PPM				

Instrument(s) Used Industrial Scientific
Person(s) Monitoring Jarrod Blacklock
Foreman's Signature Troy Lawhorn
Site Employees' Signatures

Appendix A

SCHROEDER ENVIRONMENTAL CONFINED SPACE ENTRY PERMIT

Authorized By: NS Permit # 96102
Entry Date: 1-13-96 Entry Time: 0930 Job # 96102
Site Location: Mirro Foley Chilton WI

Description of Confined Spaces(s): 15000 gal #5 oil tank

Name of Foreman: Troy Van Hout
Name of Attendee(s): Jarrod Blacklock
Names of Person(s) Entering: Troy Van Hout

COPY

Physical Hazards: falling
Chemical Hazards: #5 oil tanks cleaned

	YES	NO	NA
Safety Meeting Held	x		
Safety Person Assigned	x		
Lockout/Tagout Completed			x
Hotwork Permit Obtained			x
Blanking Completed			x
Rescue Equipment in Place	x		
Fire Extinguishers in Place	x		
Emergency Procedures Discussed	x		
Chemical Protective Equipment Donned	x		
Respiratory Protective Equipment Donned	x		
Safety Harness Donned	x		
Lifeline Attached	x		
Tripod Positioned	x		
Ventilation Equipment in Place			
Special Air Monitoring Required			

Specify & How Often:

AIR MONITORING

	Safe Levels	Time	Results	Time	Results
Oxygen	19.5%-22.0%	0900	20.7		
Flammability	0-10% LEL	0900	0		
Carbon Monoxide	0-35 PPM				
Hydrogen Sulfide	0-10 PPM				
Oxygen	19.5%-22.0%				
Flammability	0-10% LEL				
Carbon Monoxide	0-35 PPM				
Hydrogen Sulfide	0-10 PPM				

Instrument(s) Used MSA
Person(s) Monitoring Jarrod Blacklock
Foreman's Signature Troy Van Hout
Site Employees' Signatures

ATTACHMENT D

SURPLUS PRODUCT MANAGEMENT

SURPLUS PRODUCT MANAGEMENT

Types of Liquids

#5 Fuel Oil - product and sludge

Quantity of Liquids

920 gallons of product and sludge

Final Disposition of Liquids (Disposal Documentation attached)

U.S. Oil Waste Energy Plant
552 Carter Court
Kimberly, Wisconsin 54136

Contractor Storing Liquids

Company Name: Not applicable
Company Address:
Company Phone Number:

Contractor Transporting Liquids

Company Name: Schroeder Environmental Cleaning Services, Inc.
Company Address: 719 Montreal Place, De Pere, Wisconsin 54115
Company Phone Number: 414-339-9970

Contractor Disposing or Recycling Liquids

Company Name: U.S. Oil Company, Water to Energy
Company Address: 552 Carter Court, Kimberly, Wisconsin
Company Phone Number: 414-735-8297

is Memorandum — is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No.

SECSI

(Name of Carrier)

Carrier's No.

:EIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading. 17-28 19 95 From FOUNDRY DIVISION CHILTON WI

roperty described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being under: ughout this contract as meaning any person or corporation in possession of the property under the contract), agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier c: : to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every servi: :rformed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western and Illinois Freight Classification in effect on the date thereof, if this : rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, aid terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

signed to U.S. OIL 552 Carter Ct.

(Mail or street address at consignee — For purposes of notification o.

:tination Kimberly ~~IL~~ 1-4-96 State — Zip 54136 County Outagamie

Delivery Address ★

★ To be filled in only when shipper desires and governing tariffs provide for delivery ther

:e 57-10-4111

:vering Carrier SECSI Car or Vehicle Initials No. 191

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	USED OIL / WATER	1400 GAL	920	
	(NOS)			
	not Regulated material			

Subject to Section 7 of Conditions of applic: bill of lading, if this shipment is to be delivered the consignee without recourse on the consign the consignor shall sign the following statement: The carrier shall not make delivery of shipment without payment of freight and all c: lawful charges.

(Signature of Consignor)

If charges are to be prepaid, write or stamp he: "To be Prepaid."

Received $ to apply in prepayment of the charges on property described hereon.

Agent or Cashier

Per (The signature here acknowledges only the amo prepaid.)

Charges Advanced:

$

: shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

:reed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

* Shipper's imprint in lieu of stamp; not a part Bill of Lading approved by the Interstate Commer Commission.

: ibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

[signature] Shipper, Per [signature] Agent, Per

:nanent post office address of shipper.

WilsonJones

Carbonless Snap-A-Way® Forms ACCO USA, Inc. Made in U.S.A.

44-301 • Triplicate
44-302 • Quadruplic:

CERTIFICATE OF PROCESS

Customer Name Micro. Foley Plant #2
Location 44 Walnut St
Chilton WI

EPA ID No. _____
Manifest Doc. No. SECS I
Approved Facility U.S. Waste to Energy

Drum No.	Profile No.	Lab Code ID No.	Shipping Date	Received By	Process Type	Process Date	Batch No.	Processed By
Bulk	AB1278	1513361	12-28-95	KC	Waste oil processi	12-28-95		Ken Cremin

Manager Approved Ken Cremin

:xpiration Date: _____

__ Check here if this is a recertification Location of Original _____

Site Approved U.S. Waste To Energy

GENERAL INFORMATION

. Generator Name Mirro Foley Plant #2 Generator USEPA ID: WID006080691

. Generator Address 44 Walnut St Billing Address (__) same _____

Chilton WI

Technical Contact Phone _____

Alternate Contact Phone _____ Billing Contact Phone _____

ROPERTIES AND COMPOSITION

Process Generating Waste: Removal and Cleaning of # 5 oil tanks

Waste Name: #5 Oil

. Is this a USEPA hazardous waste (40 CFR Part 261) ____ Yes X No

. Identify ALL USEPA listed and characteristic waste code numbers (D,F,P,U): N/A

_____ State waste codes: N/A

Physical State @70°F: A. Solid ( )Liquid (X)Both ( )B. Single Layer (X)Multilayer ( )C. Free liquid range ___ to 0 %

. pH: range ___ to ___ or Not applicable (X) B. Strong Odor ( ); describe _____

Liquid Flash Point:< 73°F ( )73-99°F ( )100-139° ( )140-199°F ( ) ≥ 200°F (X)N.A. ( )Closed Up (X)Open Cup ( )

CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics) present in any concentration and forward available analysis.

Constituents	Range	Units	Constituents	Range	Units
Oil	100	%			

AL COMPOSITION MUST EQUAL OR EXCEED 100%

enzene is yes, concentration ____ ppm. Shock Sensitive ( ) Oxidizer ( ) Carcinogen ( ) Infectious ( ) Other _____

the waste is subject to the land ban and meets the treatment standards, check here ___, and supply analytical results where pplicable _____

PING INFORMATION:

ackaging: Bulk Solid ( ) Bulk liquid (X) Drum ( ) Type/Size Tank Truck Other _____

NTICIPATED ANNUAL VOLUME: 1400 Units: gallons Shipping Frequency: 1 time

PLE INFORMATION

Sample source (drum, lagoon, pond, tank, vat, etc.) Tank

Date Sampled: Samplers Name/Company _____

GENERATOR'S Agent Supervising Sampling: _____ 17. ( ) No sample required (See Instructions)

ERATOR'S CERTIFICATION

y certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sam- mitted is representative as defined in 40CFR 261-Appendix I or by using and equivalent method. All relevant information regarding or suspected hazards in the possession of the generator has been disclosed. I authorize U.S. Oil Co., Inc. to obtain a sample from any shipment for purposes of recertification

Date 10

Generator Name: Mirro Foley Plant #2 Epa I.D. # WID 006080641

Location 44 Walnut St. Chilton WI U.S. Oil Profile #: AB 12 TB

CHARACTERISTICS OF HAZARDOUS WASTE: Inciacte if this waste contains any of the following characteristics based on criterian mandated by 40 CFR 261.21, 261.22, 261.23 and 261..

	Cibstituant		Regulatory Threshold Level PPM.	Check One Yes	Check One No	Scientific Data	Generators Knowledge	Actual Value PPM/MG/L
D004	Arsenic	As	5.00		X		✓	
D005	BARIUM	Ba	100.00		X		✓	
D006	CADMIUM	Cd	1.00		X		✓	
D007	CHROMIUM TOTAL	Cr	5.00		X		✓	
D008	LEAD	Pb	5.00		X		✓	
D009	MERCURY	Hg	0.20		X		✓	
D010	SELENIUM	Se	1.00		X		✓	
D011	SILVER	Ag	5.00		X		✓	
	TCLP VOLATILES							
D018	BENZENE		0.50		✓		✓	
D019	CARBON TETRACHLORIDE		0.50		✓		✓	
D021	CHLOROBENZENE		100.00		✓		✓	
D022	CHLOROFORM		6.00		✓		✓	
D028	1,2-DICHLORCETHANE		0.50		✓		✓	
D029	1,2-DICHLORCETHALYNE		0.70		✓		✓	
D028	1,1-DICHLORCETHALYNE		0.70		✓		✓	
D035	METHYL ETHYL KETONE		200.00		✓		✓	
D039	TETRACHLORCETHYLENE		0.70		✓		✓	
D040	TICHLOROETHYLENE		0.50		✓		✓	
D043	VINYL CHLORICE		0.20		✓		✓	
	TCLP SEMI-VOLATILES							
D023	o-CRESOL		200.00		✓		✓	
D024	m-CRESOL		200.00		✓		✓	
D025	p-CRESOL		200.00		✓		✓	
D26	CRESOL		200.00		✓		✓	
D27	1,4 - DICHLORCBENZENE		7.50		✓		✓	
D30	2,4 - DINITROTOLUENE		0.13		✓		✓	
D32	HEXACHLOROBENZENE		0.13		✓		✓	
D33	HEXACHLOROBUTADIENE		0.50		✓		✓	
D34	HEXACHLOROETHANE		3.00		✓		✓	
D36	NITROBENZENE		2.00		✓		✓	
D37	PENTACHLOROPHENOL		100.00		✓		✓	
D38	PYRIDINE		5.00		✓		✓	
D-1	2,4,5-TRICHCHLOROPHENOL		400.00		✓		✓	
D-1	2,4,6-TRICHCHLOROPHENOL		2.00		✓		✓	
	HERBICIDES AND PESTICIDES							
D20	CHOLORDANE		0.03		✓		✓	
D6	2, 4-DICHLOROPHENOZY ACETIC ACID		10.00		✓		✓	
D12	ENDRIN		0.02		✓		✓	
D31	HEPTACHLOR (AND ITS HYDROXIDE)		0.008		✓		✓	
D13	LINDANE		0.40		✓		✓	
D14	METHOXYCHLOR		10.00		✓		✓	
D15	TOXAPHENE		0.50		✓		✓	
D-	2,4, 5-TP SILVEX		1.00		✓		✓	

THE DATA PROVIDED ABOVE IS BASED ON THE ATTACHED LABORATORY ANALYSIS

U.S. Oil Co., Inc.

425 S. Washington St., P.O. Box 25, Combined Locks, WI 54113 414-739-6100

REPORT TO: BRUCE U.
941-200 0017 1 1513361 00170
MAINTENANCE PURCHASES

REPORT DATE 5/31/90
SAMPLE DATE 5/30/90
SAMPLE ID #6 OIL- 16000 GA
SAMPLE DESC MIRRO FOLEY

COMBINED LOCKS WI 54113

TEST DESCRIPTION			RESULTS
API GRAVITY	ASTM D287		15.9
POUNDS PER GALLON	API		7.99
VIS @ 100C CST	D445		7.3
FLASH POINT F SETA CLOSED			205
SULFUR %	ASTM D4294		1.10
TOTAL HALOGENS PPM			15
P.C.B. CONTENT PPM	G.C.		< 1
BTU PER LB	ASTM D240		18500
BTU PER GAL	ASTM D240		147900
ARSENIC	PPM	DCP	0
BARIUM	PPM	DCP	2
CADMIUM	PPM	DCP	0
CHROME	PPM	DCP	0
LEAD	PPM	DCP	1
SILVER	PPM	DCP	0

COMMENTS:

REFERENCE SAMPLE ONLY.
METALS RUN ON ICP.

ATTACHMENT E

TANK SLUDGE MANAGEMENT

TANK SLUDGE MANAGEMENT

Types of Sludge

Fuel oil product and sludge

Quantity of Sludge

920 gallons of product and sludge

Waste Characterization Data

Attachment D

Copies of Hazardous Waste Manifests and EPA Generator I.D. Numbers

Attachment D

Final Disposition of Sludge

Company Name: U.S. Oil Company, Waste to Energy Plant
Company Address: 552 Carter Court, Kimberly, Wisconsin
Company Phone Number: 414-735-8297

Contractor Storing Sludge

Company Name: Not applicable
Company Address:
Company Phone Number:

Contractor Transporting Sludge

Company Name: Schroeder Environmental Cleaning Services, Inc.
Company Address: 719 Montreal Place, De Pere, Wisconsin
Company Phone Number: 414-339-9970

Contractor Recycling or Disposing of Sludge

Company Name: U.S. Oil Company, Waste to Energy Plant
Company Address: 552 Carter Court, Kimberly, Wisconsin
Company Phone Number: 414-735-8297

ATTACHMENT F

VISUAL INSPECTION DATA

VISUAL INSPECTION DATA

Weather

Temperature 10-20° F
Precipitation None

Site Conditions

Surface Staining: No
Stressed or Dead Vegetation: No
Previously Undiscovered or Unregistered Tanks: No

Excavation

Depth: Not applicable
Free Product Present:
Obvious Odors:
Soil Discoloration:
Oil Sheen on Excavation Water (if present):
Soil Type of Profile: USCS Classification and Genetic Origin
Native: SW
Backfill:

Free Standing Water: Yes _____ No _____
Type (runoff, perched, ground water):
Depth to Water (feet below grade): < 1 fbg

Anticipated Ground-Water Level Based on USGS Topographic Map

< 1 Feet below grade

Tank System Components

See Table 3

Local Ground Water Use

Shallow ground water is not used as a potable water source.

Source of Potable Water Used at Site

Municipal wells deriving water from bedrock

Is Site Connected to Sanitary Sewer System?

yes

ATTACHMENT G

BACKGROUND INFORMATION

BACKGROUND INFORMATION

Summary of past and present property use

The Property is operated as a manufacturing facility of pots and pans.

Were any USTs previously removed from the site? Description according to WDILHR

Yes, one 250-gallon chemical tank and one 500-gallon chemical tank were removed on October 25, 1990.

Have tanks or piping been previously integrity tightness tested?

No

Most current date:

Not applicable

Were results satisfactory?

Not applicable

Has the current system ever leaked or had a breach repaired?

Yes _____
No ___X___
Unknown _____

If so, When? _____
Describe:

Have any other environmental concerns ever been suspected or investigated at this site?

Yes _____
No ___X___
Unknown _____

If so, When? _____
Describe:

Summary of Results:

Has the current system ever been lined?

No

Are other USTs or LUSTs present in the area?

None known

Describe:

Other known on-going investigation or remediation sites in the area?

None known

Are any of the UST systems described in this UST site assessment believed to have released product?

Yes	____
No	__X__
Unknown	____

If so describe UST and method of determining release:

Has the party responsible for the UST system been notified of the release of his responsibilities under the spill law?

Not applicable

ATTACHMENT H

WDILHR TANK INVENTORY FORMS AND CLOSURE CHECKLIST

ILHR 10 Notification Record

TO: MR. KARL BRASTER **OFFICE LOCATION:** INDEPENDENT INSPECTIONS LTD

LOCATION / IDENTIFICATION (Please Print or Type)

Site Name	Owner Name
MIRRO COMPANY	MIRRO COMPANY
Site Street Address	**Owner Street or PO Address**
44 WALNUT ST	1512 WASHINGTON STREET
■ City ☐ Village ☐ Town of	■ City ☐ Village ☐ Town of
CHILTON	MANITOWOC

County	Zip Code	State	Zip Code	Telephone
CALUMET	53014	WI	54221	(414) 684-4421

Fire Department Providing Fire Protection Coverage: CHILTON FIRE DEPT

Personal information you provide may be used for secondary purposes [Privacy Law, s. 1504 (1)(m)].

Name of Contractor: US PETROLEUM EQUIPMENT

Address of Contractor: 558 CARTER COURT

City/Town: KIMBERLY WI

Telephone Number: (414) 735-8232 FAX Number: (414) 739-0741

Date work is to begin: DEC 27, 28, JAN 3, 4

ILHR 10 Certified project supervisor: Jesse Thor #00576

Project will involve:

	Number of tanks UST	Number of tanks AST	Plan Approval No.	Appr. Date
Tank Installation	☐	☐		
Piping Installation	☐	☐		
Piping Upgrade	☐	☐		
Leak Detection Upgrade	☐	☐		
Spill/Overfill Protection	☐	☐		
Stage II Vapor Recovery	☐	☐		
Tank Closure	☑	☐		

IN PLACE

Remarks: THIS PROJECT INVOLVES THE CLEANING & SOIL SAMPLING OF (2) 15,000 GALLON NO #5 OIL USTS

PLEASE CALL ME @ 735-8232 ANY QUESTIONS

SINCERELY
Jesse Thor

State of Wisconsin
Dept. of Industry, Labor & Human Relations
Safety & Buildings Division
Storage Tank, Permit & Registration Section

For Office Use Only:
Tank ID #

TANK INVENTORY

Information Required By Sec. 102.142, Wis. Stats.

Madison, WI 53707
Telephone: (608) 267-52[illegible]

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ YES ■ NO If yes, are you correcting/updating information only? ☐ Yes ☐ No

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

This registration applies to a tank that is (check one):
1. ☐ In Use or 18. ☐ Newly Installed
2. ☐ Abandoned With Product
3. ☐ Abandoned No Product (empty) or With Water
4. ☐ Closed - Tank Removed
6. ■ Closed - Filled With Inert Material
7. ☐ Out of Service - Provide Date: _____
8. ☐ Changed Ownership (Indicate new owner below)

Fire Department Providing Coverage Where Tank Located:

COPY

CHILTON FIRE DEPT

IDENTIFICATION: (Please Print)

Tank Site Name	Site Address	Site Telephone No.
MIRRO COMPANY	44 WALNUT STREET	(414) 849-234

City	☐ Village	☐ Town of:	State	Zip Code	County
CHILTON			WI	53014	CALUMET

Owner Name (mail sent here unless indicated otherwise in #3 below)	Owner Mailing Address (mail sent here unless indicated otherwise in #3)
MIRRO COMPANY	1512 WASHINGTON STREET

City	☐ Village	☐ Town of:	State	Zip Code	County
MANITOWOC			WI	54221	MANITOWOC

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

City	☐ Village	☐ Town of:	State	Zip Code	County

Tank Age (date installed, if known; or years old)	5. Tank Capacity (gallons)	6. Tank Manufacturer's Name (if known)
1940 - 1950's	15,000	UNKNOWN

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

TANK CONSTRUCTION:
1. ■ Bare Steel
2. ☐ Cathodically Protected and Coated Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify): _____
6. ☐ Relined - Date _____
7. ☐ Steel - Fiberglass Reinforced Plastic Composite
9. ☐ Unknown

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

Spill Protection Provided? ☐ Yes ■ No If yes, identify type: | Soil Containment? ☐ Yes ■ No

Leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring 4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring 6. ■ Not required at present 7. ☐ Manual Tank Gauging (only for tanks of 1,000 gallons or less)

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

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

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

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

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

If 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste. TANK CONTAINED NO #5 FUEL OIL

If Closed, Give Date (mo/day/yr):	Has a site assessment been completed? (see reverse side for details)
DEC 28 1995	■ Yes ☐ No

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

Name of Owner or Operator (please print):	Indicate Whether:
THOMAS E. REED	☐ Owner or ☒ Operator

Signature of Owner or Operator:	Date Signed:
Thomas E. Reed	January 4, 1996

Tank ID #

TANK INVENTORY

Information Required By Sec. 102.142, Wis. Stats.

Madison, WI 53707
Telephone: (608) 267-52

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ YES ■ NO If yes, are you correcting/updating information only? ☐ Yes ☐ No

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

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

1. ☐ In Use or 1B. ☐ Newly Installed
2. ☐ Abandoned With Product
3. ☐ Abandoned No Product (empty) or With Water
4. ☐ Closed - Tank Removed
6. ■ Closed - Filled With Inert Material
7. ☐ Out of Service - Provide Date: _____
8. ☐ Changed Ownership (Indicate new owner below)

Fire Department Providing Coverage Where Tank Located:

CHILTON FIRE DEPT

IDENTIFICATION: (Please Print)

Tank Site Name	Site Address	Site Telephone No.
MIRRO COMPANY	44 WALNUT STREET	(414) 849-239

City	☐ Village	☐ Town of:	State	Zip Code	County
CHILTON			WI	53014	CALUMET

Owner Name (mail sent here unless indicated otherwise in #3 below)	Owner Mailing Address (mail sent here unless indicated otherwise in #3)
MIRRO COMPANY	1512 WASHINGTON STREET

City	☐ Village	☐ Town of:	State	Zip Code	County
MANITOWOC			WI	54221	MANITOWOC

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

City	☐ Village	☐ Town of:	State	Zip Code	County

Tank Age (date installed, if known; or years old)	5. Tank Capacity (gallons)	6. Tank Manufacturer's Name (if known)
1940's - 1950's	15,000	UNKNOWN

TYPE OF USER (check one):

1. ☐ Gas Station
2. ☐ Bulk Storage
3. ☐ Utility
4. ☐ Mercantile
5. ■ Industrial
6. ☐ Government
7. ☐ School
8. ☐ Residential
9. ☐ Agricultural
10. ☐ Other (specify): _____

TANK CONSTRUCTION:

1. ■ Bare Steel
2. ☐ Cathodically Protected and Coated Steel (A. ☐ Sacrificial Anodes or B. ☐ Impressed Current)
3. ☐ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify): _____
6. ☐ Relined - Date _____
7. ☐ Steel - Fiberglass Reinforced Plastic Composite
8. ☐ Unknown

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

Spill Protection Provided? ☐ Yes ☐ No If yes, identify type: | Spill Containment? ☐ Yes ■ No

Is leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring 4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring 6. ■ Not required at present 7. ☐ Manual Tank Gauging (only for tanks of 1,000 gallons or less)

PIPING CONSTRUCTION

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

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

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

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

TANK CONTENTS

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

* If 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste. TANK CONTAINED NO #5 FUEL OIL

Closed, Give Date (mo/day/yr):	Has a site assessment been completed? (see reverse side for details)
DEC 28 1995	■ Yes ☐ No

If installation of a new tank is being reported, indicate who performed the installation inspection:

1. ☐ Fire Department
2. ☐ DILHR
3. ☐ Other (identify) _____

Name of Owner or Operator (please print):	Indicate Whether:
THOMAS E. REED	☐ Owner or ☒ Operator
Signature of Owner or Operator: Thomas E. Reed	**Date Signed:** January 4, 1996

Labor and Human Relations

Complete one form for each site closure.

TANK CLOSURE

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

Safety & Buildings Division
Fire Prevention & Underground Storage Tank Section
P. O. Box 7969, Madison, WI 53707

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

1. Site Name	2. Owner Name
MIRRO COMPANY	MIRRO COMPANY
Site Street Address (not P.O. Box)	Owner Street Address
44 WALNUT STREET	1512 WASHINGTON STREET
☐ City ☐ Village ☒ Town of: CHILTON	☒ City ☐ Village ☐ Town of: MANITOWOC; State: WI; Zip Code: 54221-133C
State: WISCONSIN; Zip Code: 53014; County: CALUMET	County: MANITOWOC; Telephone No. (include area code): (414) 684-4421
Closure Company Name (Print)	Closure Company Street Address
JS PETROLEUM EQUIPMENT	558 CARTER COURT
Closure Company Telephone No. (include area code)	Closure Company City, State, Zip Code
(414) 735-8232	KIMBERLY WI 54136
Name of Company Performing Closure Assessment	Assessment Company Street Address, City, State, Zip Code
NORTHERN ENVIRONMENTAL	954 CIRCLE DRIVE 54304
Telephone # (include area code)	Certified Assessor Name (Print) / Assessor Signature / Assessor Certification No.
(414) 592-8408	Scott Lavinski / Scott A. Lavinski / 06529

Tank ID #	Closure	Temp. Closure	Closure In Place	Tank Capacity	Contents *	Closure Assessment
080500081	☐	☐	☒	15,000	04	☒ Y ☐ N
080500082	☐	☐	☒	15,000	04	☒ Y ☐ N
	☐	☐	☐			☐ Y ☐ N
	☐	☐	☐			☐ Y ☐ N
	☐	☐	☐			☐ Y ☐ N
	☐	☐	☐			☐ Y ☐ N

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

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N ☐ NA

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	NA
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 [illegible]	☐ Y ☐ N	☐	☐
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 being removed from site.	☐ Y ☐ N	☐	☐

- CONTINUE ON NEXT PAGE -

CLOSURE BY REMOVAL (continued)

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

CLOSURE IN PLACE

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

	Remover Verified	Inspector Verified	NA
1. Product from piping drained into tank (or other container).			
2. Piping disconnected from tank and removed.	☒ Y ☐ N	☑	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☒ Y ☐ N	☑	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒ Y ☐ N	☑	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒ Y ☐ N	☑	☐

NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT ABOVE GRADE.

	Remover Verified	Inspector Verified	NA
6. Vent lines left connected until tanks purged.	☒ Y ☐ N	☑	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☒ Y ☐ N	☑	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☒ Y ☐ N	☑	☐
9. Tank properly cleaned to remove all sludge and residue.	☒ Y ☐ N	☑	☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	☒ Y ☐ N	☑	☐
11. Vent line disconnected or removed.	☒ Y ☐ N	☑	☐
12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.	☐ Y ☐ N	☑	☐

CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10.

	Remover Verified	Inspector Verified	NA
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? Agency, office and person contacted: ______	☐ Y ☐ N	☐	☐

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

METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

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

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

☐ Inert Gas (CO/2 or N/2) **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent. Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

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

NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

[illegible]

th tanks filled 1/3 full with sludge - And the balance with pea gravel.

REMOVER/CLEANER INFORMATION

JESSE F. ROSE	Jesse F. Rose	00576	[illegible]/12/96
Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed

INSPECTOR INFORMATION

Karl E. Beastel	Karl E. Beastel	7702027
Inspector Name (print)	Inspector Signature	Inspector Certification No.
[illegible]	[illegible]	[illegible]
FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed

ATTACHMENT I

FIELD SCREENING AND SAMPLE PREPARATION METHODS

FIELD SCREENING AND SAMPLE PREPARATION METHODS

Soil samples are collected by or under the direction of a certified Northern Environmental Site Assessor in conformance with Wisconsin Department of Natural Resources (WDNR) September 1992 *Site Assessment for Underground Storage Tanks Technical Guidance*, and the Wisconsin Department of Industry, Labor, and Human Relations (WDILHR) Chapter ILHR 10 *Flammable and Combustible Liquids*.

Each sample is split into two representative portions: one for field screening, the other for laboratory analysis. Field screening consists of classifying the soil according to the United Soil Classification System (USCS), identifying obvious odors and staining, and photoionization detector (PID) headspace screening. PID headspace screening involves transferring the sample to a 16-ounce glass jar, sealing the container, desegregating the sample, and storing it in a relatively warm location for approximately one-half hour. The PID probe is then carefully inserted and the highest stable PID reading occurring within 10 to 20 seconds is recorded in instrument units as isobutylene (iui).

The portion of the sample designated for laboratory analysis is placed in a 4-ounce laboratory prepared glass jar for dry weight analysis and 25 grams is placed in a 2-ounce glass jar for diesel range organics (DRO) analysis or a 2-ounce methanol preserved jar for gasoline range organics (GRO).

All laboratory soil samples are immediately cooled to 4°C for potential laboratory analysis. All samples selected for laboratory analysis are transported under chain-of-custody to a WDNR-certified laboratory.

ATTACHMENT J

LABORATORY ANALYSIS REPORTS AND CHAIN-OF-CUSTODY FORMS

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

Sibyl Lapinski
Northern Environmental
954 Circle Drive
Green Bay, WI 54304

Report Date: 08-Jan-96

Project #: USP320309
Project : Chilton
Sample ID: NIW
Lab Code: 5012314A
Sample Type: Soil
Sample Date: 03-Jan-96

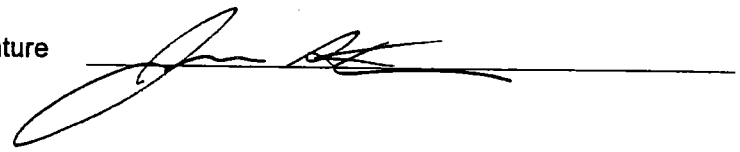
Test	Result	MDL	PQL	Unit	Date Ext/Dig/Pres	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	85.2			%		04-Jan-96	B.Rettler	1
MODIFIED DRO WDNR JULY 93	< 10	3.3	10	MG/KG	04-Jan-96	05-Jan-95	C. Rotar	1

MDL = Method Detection Limit PQL = Practical Quantitation Limit ND = Compound Not Detected

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature 

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

Sibyl Lapinski
Northern Environmental
954 Circle Drive
Green Bay, WI 54304

Report Date: 08-Jan-96

Project #: USP320309
Project : Chilton
Sample ID: NIE
Lab Code: 5012314B
Sample Type: Soil
Sample Date: 03-Jan-96

Test	Result	MDL	PQL	Unit	Date Ext/Dig/Pres	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	88.6			%		04-Jan-96	B.Rettler	1
MODIFIED DRO WDNR JULY 93	< 10	3.3	10	MG/KG	04-Jan-96	05-Jan-95	C. Rotar	1

MDL = Method Detection Limit PQL = Practical Quantitation Limit ND = Compound Not Detected

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

Sibyl Lapinski
Northern Environmental
954 Circle Drive
Green Bay, WI 54304

Report Date: 08-Jan-96

Project #: USP320309
Project : Chilton
Sample ID: NIB
Lab Code: 5012314C
Sample Type: Soil
Sample Date: 03-Jan-96

Test	Result	MDL	PQL	Unit	Date Ext/Dig/Pres	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	88.2			%		04-Jan-96	B.Rettler	1
MODIFIED DRO WDNR JULY 93	< 10	3.3	10	MG/KG	04-Jan-96	05-Jan-95	C. Rotar	1

MDL = Method Detection Limit PQL = Practical Quantitation Limit ND = Compound Not Detected

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

Sibyl Lapinski
Northern Environmental
954 Circle Drive
Green Bay, WI 54304

Report Date: 08-Jan-96

Project #: USP320309
Project : Chilton
Sample ID: SIW
Lab Code: 5012314D
Sample Type: Soil
Sample Date: 03-Jan-96

Test	Result	MDL	PQL	Unit	Date Ext/Dig/Pres	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	79.5			%		04-Jan-96	B.Rettler	1
MODIFIED DRO WDNR JULY 93	< 10	3.3	10	MG/KG	04-Jan-96	05-Jan-95	C. Rotar	1

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

ND = Compound Not Detected

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

Sibyl Lapinski
Northern Environmental
154 Circle Drive
Green Bay, WI 54304

Report Date: 08-Jan-96

Project #: USP320309
Project : Chilton
Sample ID: SIE
Lab Code: 5012314E
Sample Type: Soil
Sample Date: 03-Jan-96

Test	Result	MDL	PQL	Unit	Date Ext/Dig/Pres	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	86.5			%		04-Jan-96	B.Rettler	1
MODIFIED DRO WDNR JULY 93	< 10	3.3	10	MG/KG	04-Jan-96	05-Jan-95	C. Rotar	1

MDL = Method Detection Limit PQL = Practical Quantitation Limit ND = Compound Not Detected

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

U.S. Oil Co., Inc.

Analytical Laboratory
1090 Kennedy Ave. Kimberly, WI 54136
414-735-8295

WI DNR Certified Lab #445027660

Sibyl Lapinski
Northern Environmental
954 Circle Drive
Green Bay, WI 54304

Report Date: 08-Jan-96

Project #: USP320309
Project : Chilton
Sample ID: SIB
Lab Code: 5012314F
Sample Type: Soil
Sample Date: 03-Jan-96

Test	Result	MDL	PQL	Unit	Date Ext/Dig/Pres	Date Analyzed:	Analyzed By:	QC Code
TOTAL SOLIDS	86.9			%		04-Jan-96	B.Rettler	1
MODIFIED DRO WDNR JULY 93	< 10	3.3	10	MG/KG	04-Jan-96	05-Jan-95	C. Rotar	1

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

ND = Compound Not Detected

QC SUMMARY

CODE:

1 All laboratory QC requirements were met for this sample.

Authorized Signature

Northern Environmental℠

1214 W. Venture Court
Mequon, WI 53092
414-241-3133
FAX 414-241-8222

372 West County Road D
New Brighton, MN 55112
612-635-9100
FAX 612-635-0643

952 Circle Drive
Green Bay, WI 54304
414-592-8400
FAX 414-592-8444

CHAIN OF CUSTODY RECORD

REQUEST FOR ANALYSIS

№ 5269

Check office originating request

5012314

Project No: USE320309

Task No:

Project Location: (city) CHILTON

Project Manager: SIBYL LAPINSKI

Sampler (name): Sibyl Lapinski

Sampler (signature): Sibyl A. Lapinski

Sampling Date(s): 1/3/96

Reports to be Sent to: SIBYL LAPINSKI

Laboratory: US OIL

Wisconsin DNR Certification #:

Laboratory Contact: JIM STEVENS

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 ice °C Refrigerator No:

Lab I.D. No.	Sample No.	Collection Date	Collection Time	No. of Containers, Size and 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)
314A	NIW	1/3	1215	2 4oz glass		X		ice	X						
B	NIE	1/3	1410			X			X						
C	NIB	1/3	1430			X			X						
D	SIW	1/3	1325			X			X						
E	SIE	1/3	1520			X			X						
F	SIB	1/3	1455			X			X						

Packed for Shipping by: Sibyl Lapinski

Shipment Date: 1/4/96

Comments:

Relinquished By: Sibyl A. Lapinski	Date: 1/4/96	Relinquished By:	Date:
Company: Northern Environmental	Time: 9:45	Company:	Time:
Received By: Buddy Fox	Date: 1/4/96	Received By:	Date:
Company: US OIL	Time: 9:45	Company:	Time:

Relinquished By:	Date:	Relinquished By:	Date:
Company:	Time:	Company:	Time:
Received By:	Date:	Received By:	Date:
Company:	Time:	Company:	Time: