

MIRRO COMPANY

Calumet LMD

1512 WASHINGTON STREET P.O. BOX 1330, MANITOWOC, WI 54221-1330 PHONE (414) 684-4421 FAX (414) 684-1131

January 17, 1991

MR Brad Wolbert Wisconsin DNR P.O. Box 7921 Madison. WI 53707-7921 RECEIVED

JAN 2 3 1991

BUREAU OF SOLID -HAZARDOUS WASTE MANAGEMENT

Dear Mr. Wolbert:

Enclosed please find a copy of our site assessment report prepared by Badger Laboratories & Engineering documenting the removal of two underground storage tanks located at our Chilton facility.

Please contact me if you have any questions on this report or need additional information.

Sincerely,

T. E. Reed

Finishing & Environmental Engineer

TER Enc.

CC:W. W. Barton, G. D. Norlin, K. A. Demcak

Ma M 3/24/94

BADGER LABORATORIES & ENGINEERING 88:

1110 S. ONEIDA STREET . APPLETON, WISCONSIN 54915 . [414] 739-9213

FAX (414) 739-5399 • TOLL FREE PHONE IN WISCONSIN 1-800-776-7196

RECEIVED

JAN 2 3 1991

BUREAU OF SOLID -HAZARDOUS WASTE MANAGEMENT

MIRRO FOLEY COMPANY
44 Walnut Street
Chilton, Wisconsin 53014

REMOVAL OF TWO UNDERGROUND STORAGE TANKS on October 25, 1990

Report dated November 30, 1990

WI Reg. Engineers (Corp.) #CE00601 WI DNR Certified Lab #445023150 WI Div. Health Cert. Lab #205, Bacteria water/milk USDA Certified Lab #5586, Various tests for (Meat & Poultry) foods

Members WI Environmental Labs; Am. Chemical Soc.; Water Pollution Control Fed.; T.A.P.P.I.; WI Food Processors Assn.; Wisc. Paper Council



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November 30, 1990

MIRRO FOLEY

On October 25, 1990 two underground storage tanks were removed at Mirro Foley, 44 Walnut St., Chilton, WI 53014. Badger Laboratories & Engineering performed a site assessment of the soil conditions around the tank during removal. This report summarizes our field activity and laboratory analysis.

U.S. Oil performed the excavation and supervised the tank removal. The Chilton Fire Department was present during the closure of the tank.

Field Screening

I. Ambient Conditions

A. Outside Temperature

50 degrees

B. Temperature where samples are held during equilibration

70 degrees

C. Weather Conditions

Sunny

II. Instrument Conditions

A. Instrument Make and Model

H-NU Systems Model PI-101

B. Date of last factory calibration

June 1, 1989

C. Field calibration gas used and concentration

Benzene 102.3 ppm

D. Date and time of last field calibration

October 25, 1990, 8 a.m.

E. Lamp energy in electrovolts (for PID's)

10.2 ev

F. Erratic instrument readings

None

G. Cleaning or repairs performed in the field

None

III. Tank Information

A. Tank one

1.	Tank Capacity	1000 gallons
2.	Tank Contents	mineral spirits

B. Tank 2

1.	Tank Capacity	250	gallons
2.	Tank Contents	mineral	spirits

IV. Field Results

Δ	Headsnace	Regults	(see Plate	∍ #2 f	or sampl	ing locations	١
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11	appace noparen	(200 1200	campilly recarding,
1.	Sample #1 - At	a depth of 10 ft.	0 units as benzene
2.	Sample #2 - At	a depth of 11 ft.	0 units as benzene
3.	Sample #3 - At	a depth of 10 ft.	0 units as benzene
4.	Sample #4 - At	a depth of 12 ft.	0 units as benzene
5.	Sample #5 - At	a depth of 10 ft.	0 units as benzene
6.	Sample #6 - At	a depth of 10 ft.	0 units as benzene

. Sample Moisture Content

Damp

C. Noticeable petroleum product odor

None

D. Instrument "quenching"

None

V. Observations

The excavation had no free product, soil staining, or odors. The soils in the excavation showed no signs of contamination. The tanks were in good condition with no signs of holes or leaks. Groundwater was not encountered during the excavation.

VI. Procedures

A. Soil Sampling Techniques

- Soil samples were collected with clean hand trowels.
- 2. All samples were taken in undisturbed soils.
- 3. Samples were placed in clean glass jars with teflon-lined caps.
- 4. Sample containers were filled to the top so that no head-space remained.

B. Field Instrument Methods

Soil samples were placed to half full in glass jars and covered with aluminum foil. Samples were then agitated to break up the clumps and allowed to equilibrate for 10 minutes. After 10 minutes the instrument tip was inserted through a single small hole in the foil seal, then headspace was measured at one-half the distance between the foil seal and the sample surface. All samples were tested in the field and in the laboratory.

- VII. Documentation of tank, waste product, and sludge disposal
 - A. Tank cleaning methods
 - 1. Javco Tank Cleaning Specialists cleaned the tanks. a. Will submit separate report.
 - B. Disposal or treatment of contaminated soil and backfill
 - 1. No contaminated soil.

VIII. Sampling Location

- A. Samples were taken from both ends of each tank. (In the sidewalls of the excavation approximately 6" above the bottom.)
- B. Samples were taken every 20 ft. along the pipeline.
- C. An extra sample was taken at each location for field analysis.

Badger Laboratories & Engineering Wi. DNR Certification No. 445023150

Todd C. Degeneffe

Technical Representative



Tank Cleaning Specialists — Marine Industry — Hazardous Material Handling — Spill Clean Up

October 31, 1990

U.S. Oil 425 S. Washington Combined, Locks, WI 54113 Attn: Jesse Rose

Dear Jesse:

- 1. On October 25, 1990 JAVCO Inc., cleaned and rendered "GAS-FREE" (2) 500 gallon gasoline, underground storage tanks. These tanks were located at Mirro-Foley in Chilton, WI.
- 2. After the tanks had been cleaned and tested "gas-free", holes were cut in the tanks with a cutting torch. This assured the "gas-free" status and rendered the tanks useless for all but scrap. The tanks were cut up and disposed of by JAVCO Inc.
- 3. Pictures were taken of the tanks after they were rendered "gas-free". These pictures are enclosed for your disposition.
- 4. One (1) drum of waste was removed from the tanks. The generator has signed a consent form requesting that JAVCO handle the sampling, analysis and disposal of the waste.
- 5. Thank you for the opportunity to be of service. We appreciate your business.

Sincerely,

Nancy Schroeder

Marcy Schweder

Business Manager, JAVCO Inc.

Enclosures



Tank Cleaning Specialists — Marine Industry — Hazardous Material Handling — Spill Clean Up

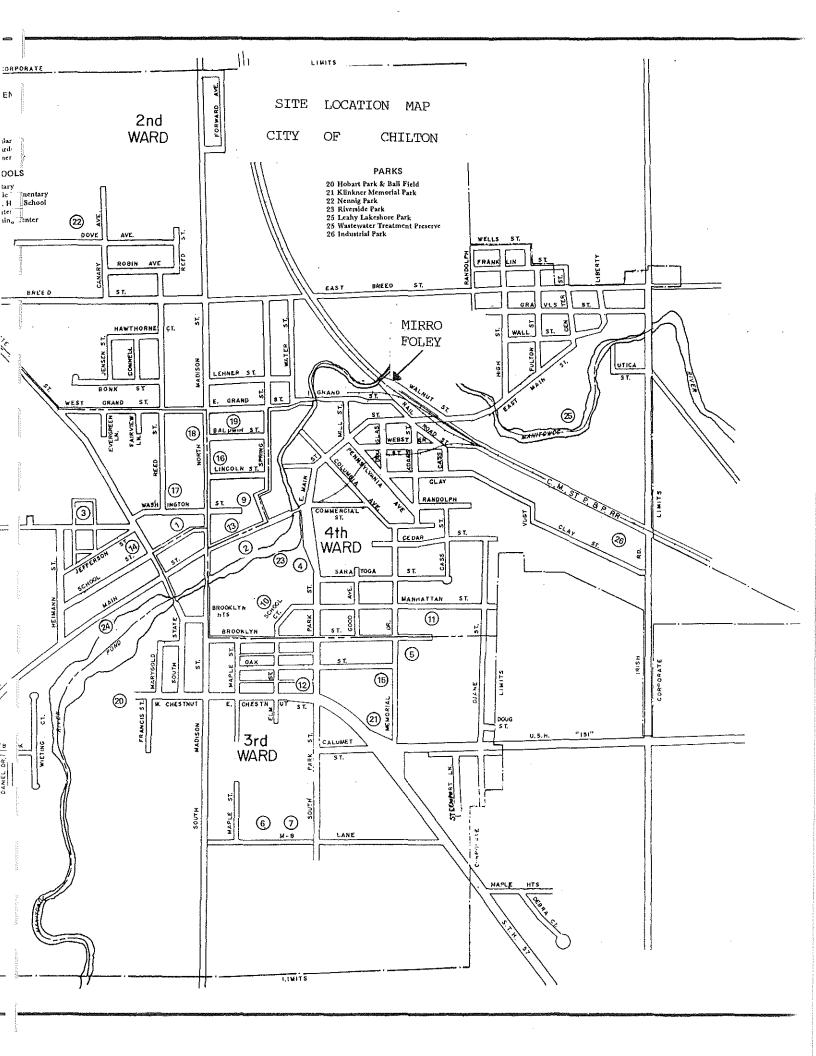
UNDERGROUND STORAGE TANKS

CLEANING PROCEDURES

1. Stabilize tank.

1

- 2. Check tank for product.
- 3. Pump any product from tank.
- 4. Check tank for LEL and O2 content via remote probe.
- 5. Purge tank (blow down) if necessary.
- 6. Open tank via air drill and spark proof saw.
- 7. Tank is entered by person wearing all safety gear (including respirator/supplied air). This person sludges tank and then pressure washed the tank.
- 8. There is a qualified man outside the tank at all times with either SCBA or an egress bottle for rescue purposes.
- 9. After tanks have been cleaned they are metered entirely.
- 10. When tanks are found to be completely gas-freed, Four (4) inspection holes are cut in the tank with a torch. These holes are marked with paint and pictures are taken for recording purpose.



Mirro Foley 44 Walnut St. Chilton, WI

Plate 1

PARKING LOT

Limits of excavation

Mirro Foley Company

South Branch of the Manitowoc River 25 feet.

To Walnut Street

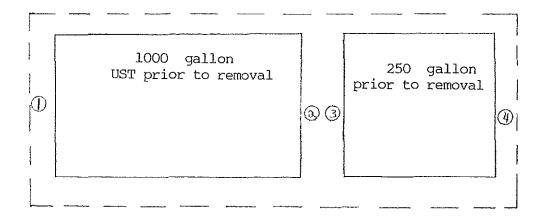
Scale 1" = 60'

Drawn by: MFK

Mirro Foley 44 Walnut St. Chilton, WI

Plate 2

N



Mirro Foley Company



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Six (6) Soil Samples Received 10-25-90 Sampled by: B L & E Our Report No. 207721 Issued December 4, 1990

U. S. OIL COMPANY, INC.

P. O. Box 86

Combined Locks, WI 54113

Attn: Mr. Jesse Rose

Request: Analyze the above samples for Total Petroleum Hydrocarbons

(TPH)

Results:

MIRRO-FOLEY COMPANY Chilton - Samples		Total PetroleumHydrocarbons ug/g Oven Dry Basis				
•	<u>As Gas</u>	As Diesel				
A East Tank #1	Х	X				
) West Tank #1	X	X				
Under Pipe - Tank #1	X	X				
4, East Tank #2	х	X				
3.West Tank #2	X	X				
Under Pipe - Tank #2	X	X				
Detection Limit	5.0	5.0				

X = Analyzed but not detected

Method: California TPH Method (Capillary GC-FID)

BADGER LABORATORIES & ENGINEERING WDNR Certified Lab No. 445023150

110001 12 NIT

Michael P. Hoffmann

Lab Analyst

MPH: jl

CHAIN OF CUSTODY RECORD

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I hereby ce	rtify	that I rec	eived th	nese sample GLNL/	es and dispo	osed of them as	noted	below:	1:7	0					
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9795						P			•						

Wisconsin Department of Industry, Labor and Human Relations

For Office Use Only:	
Tank ID #	

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

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

This form is to be completed pursuant to Section 101.142, Wis. Stats., to register all underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances. 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. This registration applies to a tank that is (check one): Fire Department Providing Fire Coverage 1. 🔲 In Use 4. 🛭 Abandoned - Tank Removed 8. 🗌 Changed Ownership Where Tank Is Located Is In: 2. Abandoned With Product 6. Abandoned - Filled With (Indicate new owner [X] City □ Village □ Town of 3. Abandoned No Product (empty) Inert Material in section A. 4. below) Chilton 7.

Out of Service or With Water A. IDENTIFICATION: (Please Print) 1. Installation Name 2: Mailing Name if Different Than #1 MIRRO FOLEY COMPANY Mailing Address if Different Than #1 Installation Street Address <u>44 Walnut Street</u> ☐ Village City ☐ Town of: □ Village ☐ Town of: Chilton Zip Code 53014 State Zip Code State County Calumet County WI 3. Name of Contact Person Jesse Rose 4. Owner Name if Different Than #3 MIRRO FOLEY COMPANY Street Address Street Address 425 S. Washington Street 44 Walnut Street City | Town | North Company | Compan ☐ Town [≱] City [☐ Village of: Zip Code 53014 State State WT Chilton WI Telephone No. (include area code) 414–739–6101 Telephone No. (include area code) 414–849–2396 County County Outagamie Calumet 7. Tank Manufacturer's Name (if known) Unknown 5. Tank Age (date installed, if known: or years old) 6. Tank Capacity (gallons) 1000 TYPE OF USER (check one): ☐ Gas Station 2. 🔲 Bulk Storage 3. Utility 4. Mercantile X industrial 6. Government 7. School 8. Residential 5. 10. Other (specify): 9. Agricultural TANK CONSTRUCTION: 1. 🕱 Bare Steel 2.

Cathodically Protected and Coated Steel (a.

Sacrificial Anodes or b.

Impressed Current) 3. Coated Steel ☐ Fiberglass Other (specify): 6. Relined 7. Steel - Fiberglass Reinforced Plastic Composite 9. Unknown Approval: 1. Nat'l Std. 2. 🔀 UL 3.

Other: is Tank Double Walled? ☐ Yes 🖾 No Overfill Protection Provided? ☐ Yes ☐ No If yes, identify type: Spill Containment? ☐ Yes 🛛 No Tank leak detection method: 1.

Automatic tank gauging 2.

Vapor monitoring ☐ Groundwater monitoring 5. Interstitial monitoring 4. Inventory control and tightness testing 6. Not required at present PIPING CONSTRUCTION 1. 🙀 Bare Steel 2. Cathodically Protected and Coated or Wrapped Steel (a. Sacrificial Anodes or b. Impressed Current)
4. Fiberglass 5. Other (specify): 3. 🔲 Coated Steel 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. \(\subseteq \text{Vapor monitoring} \) 2. | Interstitial monitoring 3: Groundwater monitoring 4. Tightness testing 5. Line Leak Detector 6. X Not Required Approval: Double Walled: 1. Nat'l Std 2. 💢 UL 3. Other: □Yes ☐ No TANK CONTENTS 1. Diesel 2. Leaded 3.
Unleaded 4.
Fuel Oil 8.

Sand/Gravel/Slurry ☐ Gasohol 6. Other 7. 🗌 Empty ☐ Unknown 10. 🔲 Premix 11.
Waste Oil 12. Propane 13.

Chemical * Mineral Spirits 14.
 Kerosene 15. Aviation * If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste. Has a site assessment been completed? (see reverse side for details) If Tank Abandoned, Give Date (mo/day/yr): 10-25-90 If installation of a new tank is being reported, indicate who performed the installation inspection: 1. Fire Department 2. DILHR 3. Other (identify) Signature of Person Completing Report: Date Signed:

SBD-7437 (R. 09/89)

Wisconsin	Department of Industry
Lahor and	Human Relations (

SED-7437 (R. 09/89)

				 	 _
For	Office	Use	Only:		
Tar	k ID#	<u>.</u>			

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on this program. An underground stor (included piping) located below groun to the agency designated in the top rig	rage tank is defined as a d level. A separate for	any tank with at lea				
This registration applies to a tank that is (check to 1. ☐ In Use 4. 🕱 A		· ·	ire Coverage			
	oandoned - Filled With ert Material	(Indicate new owner ⊠ City □ Village □ Town of in section A. 4. below)				
The state of the s	ut of Service	in section A. 4. De	Chilto	on		
A. IDENTIFICATION: (Please Print)						
Installation Name MIRRO FOLEY	COMPANY	2. Mailing Name if Di	fferent Than #1			
Installation Street Address	wood:	Mailing Address if C	Oifferent Than #1			
44 Walnut St ☑ City ☐ Village Chilton	Town of:	City	□ Village	☐ Tow	n of:	
State Zip Code	County Calumet	State	Zip Code	County		
3. Name of Contact Person Jesse Rose		4. Owner Name if Di		TOMD A NTV		
Street Address		Street Address	IRRO FOLEY C			
	ington Street		4 Walnut Str			
☐ City ☐ Town State Village of: Combined Locks	WI Zip Serte 3	[Xi City ☐ Town ☐ Village of: C]	nilton	State WI	Zip Code 53014	
County Telephone No. Outagamie 414-739	(include area code) -6101	County Calum	Telephoret 41	ne No. (include : 4–849–239	area code) 6	
5. Tank Age (date installed, if known: or year Unknown	s old) 6. Tank Capacity (ga 250	allons) 7. Tank Manu	facturer's Name (if k Unknowr	nown) 1		
5. 🗵 Industrial 6. 🗌 C	ulk Storage overnment other (specify):	3. Utility 7. School		4. Mercan 8. Resider		
3. Coated Steel 4. F	athodically Protected and Co iberglass teel - Fiberglass Reinforced P	5.	Other (specify):			
	Other:			Double Walled		
	If yes, identify type:	3 5 14		ontainment?	Yes X No	
Tank leak detection method: 1. Automati 4. Inventory	control and tightness testing	2. ☐ Vapor mon g 5. ☐ Interstitial r		Groundwater Not required a		
D. PIPING CONSTRUCTION 1. ☑ Bare Steel 2. ☐ Cathodically Protect 4. ☐ Fiberglass 5. ☐ Other (specify):					9. 🔲 Unknown	
Piping System Type: 1. ☐ Pressurized piping 3. ☐ Suction piping with	with: a. □ auto shutoff; b. □ check valve at pump and ins		strictor 2. 🔀 Suc	tion piping with	check valve at tank	
Piping leak detection method: used if pressurize	ed or check valve at tank: 1.		2. 🗌 Interstitia 6. 🛛 Not Regu			
	. Other:	. O care cean Devector	Double Wal		□No	
E. TANK CONTENTS						
1. Diesel 2. 🗍 1		3. 🗌 Unleaded		4. 🔲 Fuel Oi		
5. Gasohol 6. G		7.		8. Sand/G		
9. Unknown 10. 11. 11. 11. 11. 11. 11. 11. 11. 11.		11. 🔲 Waste Oil 14. 🗍 Kerosene		12. ☐ Propar 15. ☐ Aviatio		
* If # 13 is checked, indicate the chemical nar						
If Tank Abandoned, Give Date (mo/day/yr):		Has a site assessmen	t been completed?	(see reverse sid	e for details)	
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If installation of a new tank is being reported,	ndicate who performed the	installation inspection:	,			
1. Fire Department 2.	·	3. 🗍 Other (iden	tify)			
Signature of Person Completing Report:			Pate Signed:	ĵ	/	
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