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www.msa-ps.com

April 2, 2024

Jason Lowery Wisconsin Department of Natural Resources 101 S Webster Street, PO Box 7921 Madison, WI 53707

Re: Gustafson Property Underground Storage Tank Removal

792 East Kingsdale Road, Danbury, Douglas County, Wisconsin 54830

BRRTS #03-13-594115

Dear Mr. Lowery,

This letter summarizes sampling activities at the open Gustafson Property site (BRRTS #03-16-594115) located at 792 East Kingsdale Road, Danbury, Wisconsin (the Site). The site location is shown on the attached Figure 1, Project Location Map and site details are shown on Figure 2, Site Map, attached.

MSA Professional Services, Inc. (MSA) oversaw the removal of two Underground Storage Tanks (USTs) from the area adjacent to the northeast corner of the onsite structure on January 31, 2024. These included a steel 750-gallon UST and a steel 550-gallon UST that both appeared to have previously contained leaded gasoline at the Site. While removing associated piping, it was determined that a former dispenser island was located on the north side of the building as well. During the tank excavation, 1,500 gallons of liquid and 30 gallons of sludge/solids were pumped out of the tanks as well as liquid existed around the tanks within the tank basin. Photographs of the Site activities are attached within **Appendix A**.

Following the UST removal, MSA completed a Tank System Site Assessment (TSSA) and uploaded it to the DNR portal. The completed ACTP 93 Notification form TR-WM-121 is attached for reference in Appendix B. DATCP Form TR-WM-140 TSSA Report is attached for reference in Appendix C. MSA has completed a review of the laboratory analytical results from soil samples collected to satisfy TSSA requirements, and determined that laboratory results and field observations indicate a petroleum release. Provided below is a summary of the findings based on the review of the soil analytical results for the Site.

Soil samples were collected within the excavation basin according to the Wisconsin DATCP TSSA Guidelines. However, two samples (B-3 and B-4) could not be collected from directly under the tank per the guidelines due to the proximity of the smaller tank to the house and the potential to undermine the foundation and impact the structural integrity of the house. After the removal of the 550-gallon tank, this section of the excavation was immediately backfilled. Both tanks appeared to have contained gasoline and were in poor condition with visible holes, pitting, and corrosion. Staining, petroleum odors, and elevated PID readings were documented in soils from the excavation and in soils under the former dispenser island. The excavation was backfilled immediately after tank removal and samples were taken.

Field screening of grab samples indicated results above normal background concentrations of 10 ppm in samples B-1 (30.3 ppm), B-2 (160.6 ppm), B-3 (17.2 ppm), B-4 (96.4 ppm), S-1 (222.5 ppm), S-2 (221.1 ppm), S-5 (1,096 ppm), S-6 (1,085 ppm), D-1 (1,343 ppm) and D-2 (1,453 ppm).

Laboratory analytical results detected concentrations of benzene, toluene, ethylbenzene, trimethylbenzenes, xylenes, and naphthalene in soil samples collected from both the excavation and under the former dispenser island. Contaminant detections include:

### Page 2

Jason Lowery Wisconsin Department of Natural Resources April 2, 2024

- Benzene
  - B-1 (56.2 ug/kg), B-2 (3,120 ug/kg), B-4 (82.0 ug/kg), S-1 (1,550 ug/kg), S-2 (831 ug/kg), S-5 (2,330 ug/kg), S-6 (2,490 ug/kg), D-1 (7,220 ug/kg), and D-2 (5,770 ug/kg).
- Toluene
  - D-1 (35,400 ug/kg) and D-2 (91,700 ug/kg).
- Ethylbenzene
  - B-1 (214 ug/kg), B-2 (1,880 ug/kg), B-4 (68.8 ug/kg), S-1 (3,080 ug/kg), S-2 (1,080 ug/kg), S-5 (2,710 ug/kg), S-6 (5,640 ug/kg), D-1 (62,800 ug/kg), and D-2 (118,000 ug/kg).
- MTBE
  - No detections.
- Trimethyl Benzenes (Total)
  - B-1 (1,497 ug/kg), B-2 (26,930 ug/kg), B-4 (776 ug/kg), S-1 (5,509 ug/kg), S-2 (2,806 ug/kg), S-5 (17,720 ug/kg), S-6 (17,550 ug/kg), D-1 (513,000 ug/kg), and D-2 (922,000 ug/kg).
- Xylenes (Total)
  - B-1 (606 ug/kg), B-2 (12,080 ug/kg), B-4 (308.2 ug/kg), S-1 (13,770 ug/kg), S-2 (6,750 ug/kg), S-5 (38,400 ug/kg), S-6 (33,700 ug/kg), D-1 (618,000 ug/kg), and D-2 (1,097,000 ug/kg).
- Naphthalene
  - D-1 (78,800 ug/kg) and D-2 (131,000 ug/kg).

Based on field screening and analytical data it appears that there is a petroleum release associated with both the tanks and dispensers at the Site.

Please contact me at (715) 304-0447 <u>adannecker@msa-ps.com</u> or Mark Davidson at (218) 499-3184 <u>mdavidson@msa-ps.com</u> if you have any questions or need any additional information regarding this project.

Sincerely,

MSA Professional Services, Inc.

Angeline Dannecker Environmental Engineer

adannecker@msa-ps.com | (715) 304-0447

Mark Davidson, P.G. Project Hydrogeologist

mdavidson@msa-ps.com | (218) 499-3184

Attachments

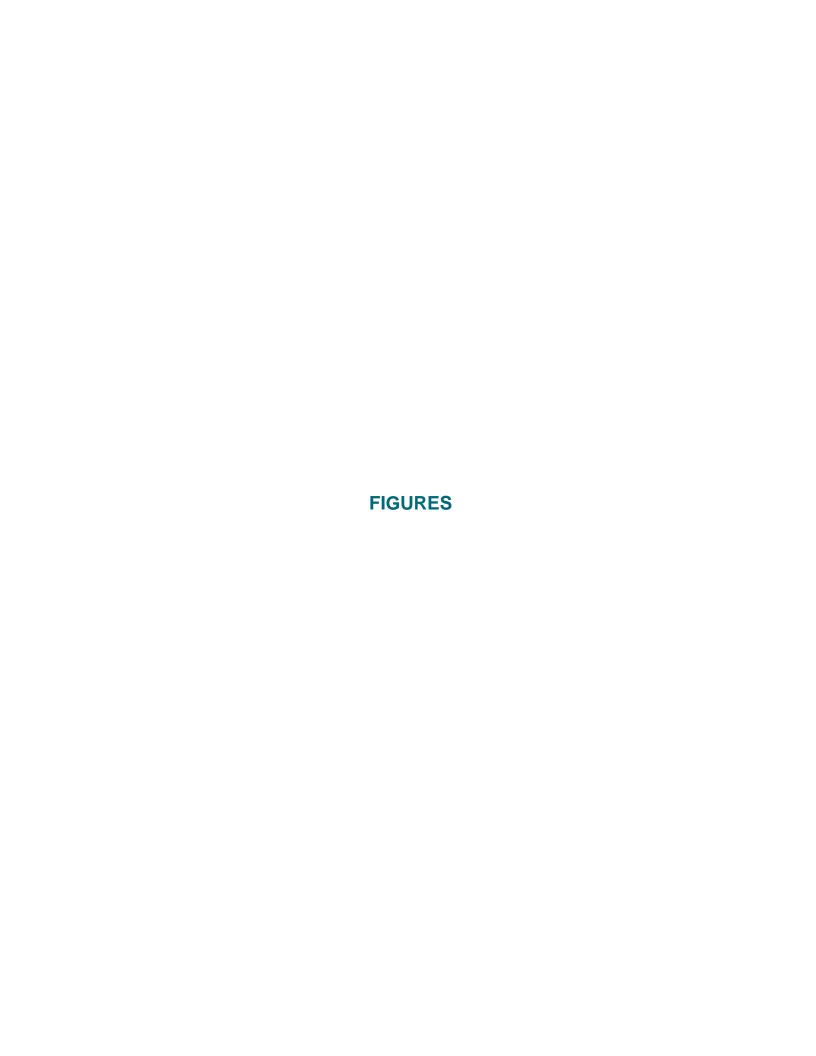
Figures

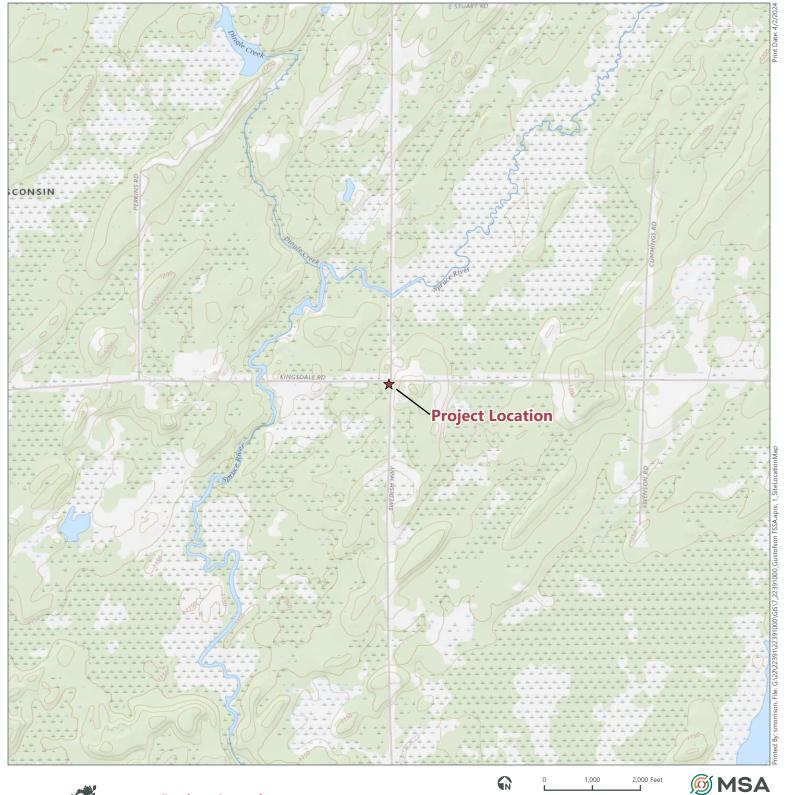
Appendix A – UST Removal Photos

Appendix B – ATCP 93 Notification Form TR-WM-121

Appendix C - DATCP Form TR-WM-140 TSSA Report

Appendix D – Waste Disposal Documentation





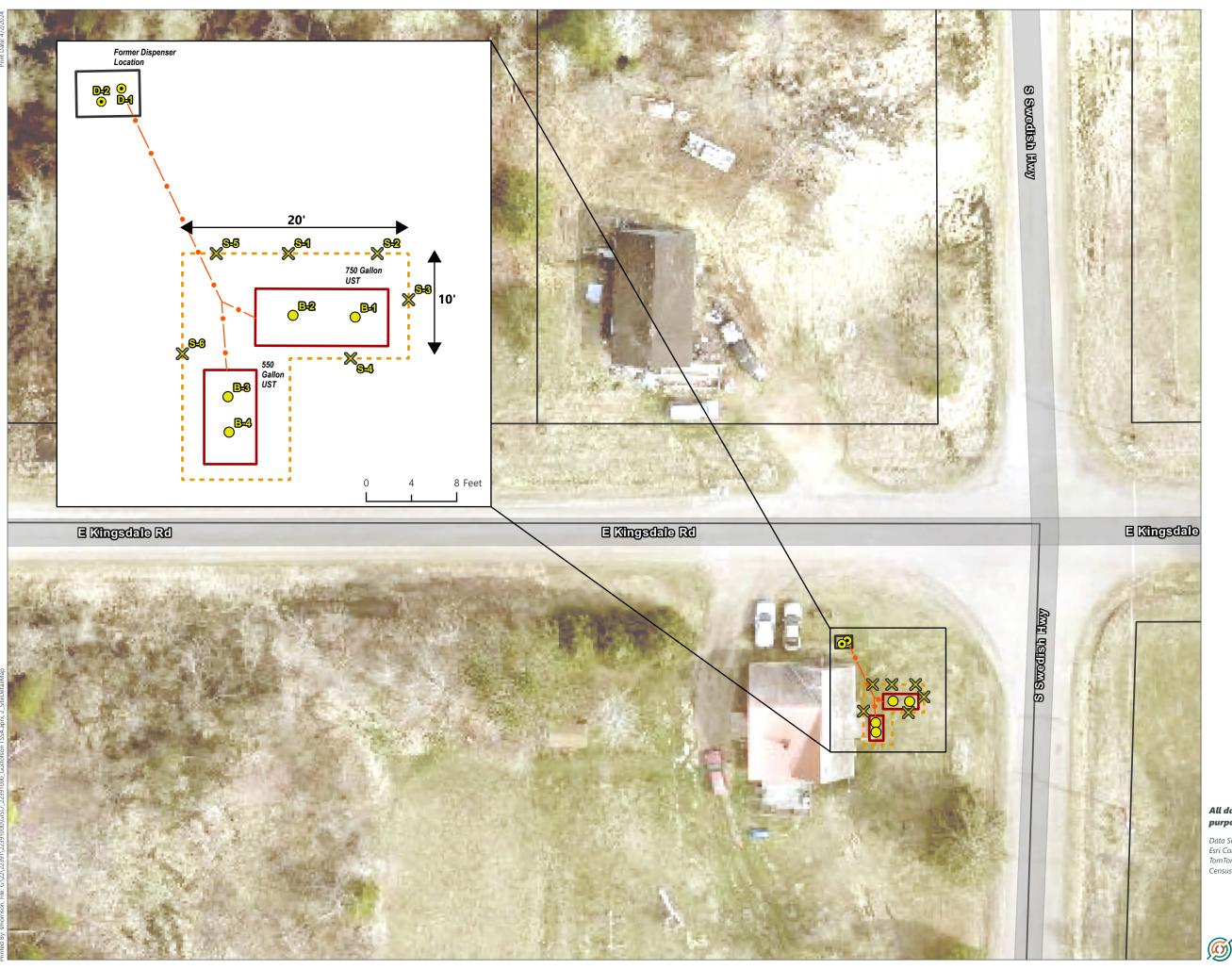


Data Sources: USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S. Department of State HIU; NOAA National Centers for Environmental Information

# FIGURE 1

### **PROJECT LOCATION**

GUSTAFSON PROPERTY 792 EAST KINGSDALE ROAD DAIRYLAND, DOUGLAS COUNTY, WISCONSIN



# FIGURE 2

SITE DETAIL MAP

**GUSTAFSON PROPERTY 792 EAST KINGSDALE ROAD** DAIRYLAND, DOUGLAS COUNTY, **WISCONSIN** 

Tax Parcel Boundary

Former Dispenser Island

Excavation Area

Former Underground Storage

Former Piping

Excavation Basin Bottom Sample

**Excavation Basin Sidewall** Sample

• Dispenser Sample

All data shown in this exhibit is approximate for display purposes only and does not reflect actual survey data.

Data Sources: Esri Community Maps Contributors, City of Superior, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Douglas County



## **APPENDIX A**

**UST Removal Photos** 

# **Photographic Log Gustafson Property UST Removal**

792 East Kingsdale Road Danbury, Wisconsin MSA Project No. 22391000



House north of Site, facing north.



Excavation area, facing south. Liquid in and around the tank was pumped or off-site disposal



Intersection of Kingsdale Rd and Swedish Hwy, facing northeast.



Area surrounding excavation, facing northeast.





Front of structure and excavation area, facing east.



Area around excavation, facing west.



Northeast corner of structure and outline of 550-gallon tank.



Excavation area, facing northwest.





Removed piping from former dispensers.



Piping related to former dispensers.



Excavation area and piping.



Slight sheen observed within excavation.





Removal of 750-gallon tank, facing southeast.



Removed 750-gallon tank, facing west.



Removal of 750-gallon tank, facing southeast.



Interior of removed 750-gallon tank.





Well along western side of structure.



Excavation after 750-gallon tank was removed.



Vac truck removing liquid from excavation, facing east.



Stained soils underneath removed 750-gallon tank as observed during the pumping of liquid from the basin





Excavation area before removing 550-gallon tank, facing southwest.



Northeast corner of structure and excavation area.



Removed 550-gallon tank and excavation area, facing west.



Deteriorated 550-gallon tank, removed.





Stained soil underneath removed 550-gallon tank, facing southwest.



Stained soils underneath former dispenser area.



Trench to remove former dispenser piping, facing southwest.



## **APPENDIX B**

**ATCP 93 Notification Form TR-WM-121** 



Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures Storage Tank Regulation, PO Box 7837, Madison, WI 53707-7837 Phone: (608) 224-4942

FOR OFFICE USE ONLY Wis. Admin. Code §ATCP 93.115 §ATCP 93.350

# ATCP 93 NOTIFICATION RECORD

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m), Wis. Stats.).

OFFICE LOCATION:

(Refer to <a href="https://datcp.wi.gov/Pages/Programs">https://datcp.wi.gov/Pages/Programs</a> Services/StorageTankContacts.aspx for a jurisdiction's authorized agent/department.)

Form must be submitted at least 5 business days before project start date. Inspection dates must be filled in below before submitting form. Additionally, inspector

Note: Only the notification form is required for non-flammable, non-combustible, hazardous liquid, or CERCLA tanks greater than or equal to 5,000 gallon capacity that are under the direct supervision of a qualified engineer. A plan review is not required. (ATCP 93.350(2)(b)).

Per the requirements of Wis. Stat. § 15.04(1)(m), the following notice is provided: This form is authorized by Wis. Stat. § 93.07(2) and Wis. Admin. Code ATCP §§ 93.115(2)(b)3., 93.350(2)(b), and 93.560(1), which were promulgated under authority of Wis. Stat. § 168.23. Per ATCP § 93.115(2)(b)3., at least 5 business days before starting the installation of new or replacement storage tanks or piping systems, form TR-WM-121 must be completed and filed with the department. Per ATCP § 93.560(1), at least 5 business days before starting permanent closure of a tank system, form TR-WM-121 must be completed and filed with the department. Pre-approved inspection dates must be identified in the completed form that is filed with the department. Any subsequent request to change an inspection date and time must be made at least one business day prior to the originally scheduled date and time listed in the filed form TR-WM-121; and the requested new date and time must be later than the originally scheduled date and time. Failure to comply with a rule in Wis. Admin. Code ATCP ch. 93 is subject to civil forfeitures under Wis. Stat. § 168.26. Information provided in this form may be subject to Wisconsin's Public Records Law, Wis. Stat. §§ 19.31 to 19.39. To the extent permitted by law, DATCP will keep personally identifiable information provided in this form confidential.

LOCATION / IDENTIFICATION											
SITE NAME	<b>S</b> 2			FACIL	ITY NUMBER	CIDE DEDT O	2000				
SITE STREET ADDRESS		FACILITY NUMBER FIRE DEPT. PROVIDING FIRE PROTECTION COVERAGE #1605									
				□ cn		□ VILLAGE	STATE ZIP		01000		
792 E. Kingsdale Rd.				D	xiry and		Wi 54	10	OUNTY		
				PHON		TANK OWNER		610	vouglas		
ALAN GUSKIFSON OWNER STREET ADDRESS				015)733-0468 NA							
	1			1	CITY TO	] NWC	VILLAGE	STATE	ZIP		
CONTRACTOR NAME	APT II			S	aportor			wi.	54880		
TED ENTErprises			HONE NUMB	ER	CELL NUMBER	EMAIL		-01.	31000		
STREET ADDRESS		10	NONE		(118) 348: 44		rprises_	Zccoon	nskeen		
4636 E. BrandTRd				СП	Y MITC	DWN [	VILLAGE	STATE	ZIP		
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DATE WORK IS TO BEGIN DATE/TIME REG	Liwill Co	RIANK INS	SPECTION	ATCP	93 CERTIFIED INST	TALLER SUPER	VISOR OR QUA	LIFIED ENG	INEER		
INSPECTION DATES	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	')	you	9 Sorause	× 401525	lodd Soci	NISON "	418318		
UST PRE-CONSTRUCTION/TANK INSTALL	PIPING/CONT	TAINMENT	HYDROSTA	TIC TES	TING	11107.54		0.0			
				TIO ILC	TING	USTFIN	IAL INSPECTIO	И			
AST FINAL INSPECTION	- 0			UST/AS	ST CLOSURE INSP	ECTION _		•			
1-31-24 7	TOHI	97			1-3-2	4 9.0	DAM	Ses			
PROJECT WILL INVOLVE: (Che	ck all that	apply)	Plan Ap					to			
	UST	AST	No. of T		Comments:		pproval Da	te.			
Tank Installation				arrivo -	Gorilli ento.						
Dispenser POS Conversion			+								
Piping Installation or Upgrade	一百		1.								
Leak Detection Upgrade					-						
Spill or Overfill Protection											
Cathodic Protection or Interior Lining											
CERCLA Chemical Tank(s) Only1	-										
Tank Closure			2		-We	Believ	Je.				
Alternative Fuel Storage Tank Installation (see footnotes below) 2,4											

## **APPENDIX C**

**DATCP Form TR-WM-140 TSSA Report** 



Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures

P.O. Box 7837 Madia NV 50707

P.O. Box 7837, Madison, WI 53707-7837 (608) 224-4942

Wis. Admin. Code § ATCP 93.560

FOR	OFFICE US	SE ONLY	

# TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT Completion of this form is mandatory. Failure to complete this form is subject to enforcement action under Wis Admin Code ch. ATCR 93. Personal

Complete C	ou provide ma	y be used for purpo or Each System 5	ses other than th	at for which	it was originally co	action under ollected (Wis	Wis. Admir . Stat. & 15	. Code ch. ATCF (04(1)(m))	<sup>9</sup> 93. Personal
						(1170	. Otal. § 70.	04(1)(11)).	
CHECK ON	ONS OF TH	IE FORM THAT D	O NOT APPLY	, CHECK	THE 'N/A' BOX				
	1	DERGROUND	ABOVEGR	OUND					
A. TYPE OF S	De complet	ed by contracto	r performing re	epair or cl	osure				
		CLOSURE	REPAIR/UPGRA	DE C	HANGE-IN-SERVI	CE			
□ Remo	oto fill D To	tem being serviced	if a repair, upgrad	de or change	e-in-service is bein	g performed			
B. IDENTIFIC	ne iii 🔲 Tar	nk Piping 🔲	Transition/contain	ment sump	☐ Spill bucket		penser		
OWNER INFOR									
OWNER NAME			CONTACTAG						
ALan G	ustatso	N	CONTACT NA	Gusta	I1		FITLE		
MAILING ADDRI	ESS	711 0540	A	Gusta		TOWN 🗆 V	Ou	ner	
1001	Chou	gh Ave	HOTIL		S	perio	ILLAGE		STATE ZIP
TELEPHONE:		9			E-MA	her 10			W: 54880
1578 SITE INFORMA	0240								
FACILITY NAME									
Gusta	$\mathcal{L}_{\alpha}$ , $\Omega$	Carra de							
SITE ADDRESS	(Not PO Box)	raperty							
792 E	S. KiNG	esdale Ro	l			TOWN DV	ILLAGE		STATE ZIP
SERVICE CONT	RACTOR INFO	RMATION			Dairy	land			wi 54830
PRIMARY SERV	ICE CONTRAC	TOR Section A Above		SE	RVICE CONTRAC	TOR CERT	ID # TELE	PHONE:	Torus
STREET ADDRE	uTerpri	505				TON OLIVI		ONC	218348-4470
4636		endt Rd.			□ CITY 🔀	TOWN   VI	LLAGE	Offic	STATE ZIP
	EM DETAIL	ENO I RO-	2000 Million (1990)		Supe	rior			Wi 54880
a		Complete for all s	ervice activities	)	U				
<u> </u>	b	С	d	е	f	g			h
				Tank		Release		If "Yes" to "g",	, Then Specify Source
Tank ID #	Type of Closure <sup>1</sup>	Tank Material	Piping Material	Capacity		Integrity Co (e.g. holes		and Cau	use of Release <sup>5</sup>
35 92	P	of Construction	of Construction	(gallons)	Contents <sup>2</sup>	loose cor	inection,	Source of Releas	se <sup>3</sup> Cause of Release <sup>4</sup>
	1	STEPP	STEE	750	GOSOLINA	Yes Yes	. □ No	Tanks	Corression
202						☐ Yes	□ No		
3593	P	Steel	Steel	556	Gasslina	Yes	□No	Tanks	, 1
			Jack	330			Parad March	14025	- ' '
					Both Leade	A □ Yes	□No		
						☐ Yes	☐ No		
						☐ Yes	☐ No		
<ol> <li>Indicate type</li> </ol>	pe of closure:	P Permanent, T	OS = Temporarily	Out-of-Ser	vice. CIP = Closu	re In-Place			
2. Indicate typ	pe of product:	DL = Diesel, Q=	Leaded Gasoline	e UG = Un	leaded Gasoline	EO - Eugl O	ii CH = Ca		CONTROL PRIOR TR
I CIOSCIIC	, I A - FIEITIX	c, WO = Waste/Use	ed Motor Oil, FCI	HZW = Flam	mable/Combustibl	le Hazardou	s Waste. O	C = Other Chem	ical (indicate the
chemical	name(s):						a sammari s	e care, chem	rodi (maioate trie
3. CAS numb	er(s):								
4 Source of r	rologogy (T) to								
		ank,(P) piping, D	= dispenser, STI	P = submers	sible turbine pump,	, DP = deliv	ery problem	, O = other, UN	NK = Unknown
<ol> <li>Cause of respect of second</li> </ol>		20MD = 55!!		0	7 720 0				
		POMD = physical or			orrosion, IP = insta	allation probl	em, O = ot	her, UNK = Unk	nown
b. Has release	e been reporte	ed to the Departme	nt of Natural Reso	ources?	Yes 📓 No 🎚	Release r	not evident a	at this time (pend	ding sample analysis)
						The second second			The second secon

TR-WM-140 (11/23) Formerly ERS-8951						
D. CLOSURES (Check applicable box at right in response to all statements in section D)						
written notification was provided to the local agent 5 days in advance of closure date.						
All local permits were obtained before beginning closure.   Yes No NA						
UST Form TR-WM-137 or AST Form TR-WM-118 filed by owner with the DATCP indicating clo	sure.	☐ Yes	□No	) [	] NA	
WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST	ВМІТТЕ	D			1 140.1	
D. 💢 CLOSURE B REMOVAL OR IN-PLACE						
General Requirements     Regulations in the second se		mover crified	Inspe		Inspector Not Present	NA
a. Product from piping drained into tank (or other container).      Description disconnected from the last container.	WY.	□N	XY I	□N		
b. Piping disconnected from tank and removed.	ØY	□N	X Y	□ N		
<ul> <li>All liquid and residue removed from tank using explosion-proof pumps or hand pumps prior to removing tank from excavation.</li> </ul>	ØY	□N	BY [			
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	ZY	□N	¥Y [	JN		
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures	Z Y		≥ Y	- No		
Vent lines left connected until tanks purged.	ZY	□ N	<b>≥</b> Y [			
g. Tank openings temporarily plugged so vapors exit through vent.	MY		XY [			
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	ZY.	□ N	<b>≥</b> Y <b>≤</b>	7074		
2. Specific Closure-by-Removal Requirements			ا لط	IN		
Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	<b>₽</b> Y	□N	ĭ Y [	_ N □		
b. Tank cleaned before being removed from site.	VY	$\square$ N	ZY [	J N		
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.	DZV	ПМ	XY	7.1		
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CON VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL	TENTS;					
<ol> <li>Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.</li> </ol>	VY	$\square$ N	XY [	٦N		
e. Site security is provided while the excavation is open.	ZY	□N	ZYY [			
3. Specific Closure-In-Place Requirements			Z . L			
NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL	AGENT	Γ.				
a. Tank properly cleaned to remove all sludge and residue.	Y	□N	□ Y □	] N [		Ŋ
b. Solid lifert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank	ΩY	$\square$ N	12-51			Ŧ
c. Vent line disconnected or removed.	□Y	□N		07/08/		7
d. Inventory form filed by owner with DATCP indicating closure in-place.	☐ Y	□N	□Y □			6
E. REPAIR, UPGRADE OR CHANGE-IN-SERVICE						1
Written notification was provided to the local agent 5 days in advance of service date.	☐ Y	$\square$ N	NA L			
All local permits were obtained before beginning service.	□ Y	□N	□ NA			
Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service.	$\square$ Y	$\square$ N	I NA			
F. METHOD OF VAPOR FREEING OF TANK			FACES			
Displacement of vapors by eductor or diffused air blower.						
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 1	2 feet a	bove gr	ound.			
☐ Inert gas using dry ice or liquid carbon dioxide.						
☐ Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOS ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPM	MENI			NAY N	OT FUNCTIO	NC
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank op	posite tl	he vent				
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing dev	vice gro	unded.				
Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removi	ng tank	from gr	ound.			
☐ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to the	and autt:	W250450		ık snar	ce monitored	at
				opac	morntored	at
DOUGLES C, SOLENSON CSorons 40		*			,	
REMOVED A NED NAME (POINT)	153			1-3	31-24	
REMOVER/CLEANER NAME (PRINT): REMOVER/CLEANER SIGNATURE CERTIFIC Lattest that the procedures and information which I have provided as the tank closure contractor are correct	ATION #	t noles : "	b \\\\!= \^ :	DATE TA	ANK REMOVED	
Company expected to perform soil contamination assessment	ariu con	npiy wit	n Wis. Ad	min. C	ode ch. ATCI	P 93.

Distribution: DATCP DNR Inspector Contractor Owner

H. INSPECTOR INFORMATION

Nate Torpen
INSPECTOR NAME (PRINT): INSPECTOR SIGNATURE
INSPECTOR CERTIFICATION # COMPANY NAME

(715) 828 - 5904
INSPECTOR NOTES:

DATE SIGNED

Distribution: DATCP DNR Inspector Contractor Owner

TR-WM-140 (4/22) Formerly ERS-8951

## Part B – To be completed by environmental professional - Submit original Part B to the WDNR along with a copy of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)							
SITE NAME - Note: SITE NAME and add Gustafson Property	ress MUST MATCH with Part A Section 1.						
SITE ADDRESS (Not PO Box) 792 East Kingsdale Ro		□ CITY □ TOWN ☑ VILLAGE  Dairyland, Douglas County					
FROM UNDERGROUND AND ABOV	ee ATCP 93 and section II part B of ASSESSI EGROUND STORAGE TANK SYSTEMS.						
If a TSSA is required, then follow the UNDERGROUND AND ABOVEGRO	procedures detailed in ASSESSMENT AND F UND STORAGE TANK SYSTEMS	REPORTING OF SUSPECTED AND OBV	/IOUS RELEASES FROM				
1. Site Information							
<ol> <li>Has there been a previously d</li> </ol>	locumented release at this site? ☐ Y 🗵 N						
If yes, provide the DATCP #		ONR BRRT's #					
		STs 2 AS	IS				
	sly closed systems or system components.) (in feet). (Photos must be provided.)						
		DEI.	T. I				
EXCAVATION/TRENCH #		DTH DEF					
1	~20 feet	0 feet ~	8 feet				
			<u> </u>				
		4					
[							
<ul> <li>b. Surface water(s) within 1000 f</li> <li>5. Sampling <ul> <li>a. Follow the procedures detaile</li> <li>ABOVEGROUND STORAGE</li> </ul> </li> </ul>	imated 12 - 27 feet b. Indicate  50 feet of the facility? ☑ Yes ☐ No If yes, seet of the facility? ☐ Yes ☒ Yes ☐	es, specify: south side of the house (controlled)  pecify: Supering Superin	Property under pavers on the endition of the well is unknown)				
		4					
MSA personnel were on site to overs	SPECIFIC PROBLEMS OR CONCERNS BELOW see removal of two USTs and associated pipin ructure and while removing the piping, it was d						
	pumped out 1,500 gallons of liquid and 30 ga						
leaked from the tanks into the excav	ation. Samples were collected within the exca	vation according to the Wisconsin DATCF	<sup>2</sup> TSSA guidelines but samples B				
-3 and B-4 could not be collected fro	m directly under the tank due to the proximity	of the smaller tank to the house and the p	potential to undermine the				
foundation and impact the structural	integrity of the house. Samples B-3 and B-4	were collected immediately adjacent to th	e tank, the tank was removed				
·	as immediately backfilled. Both tanks appear t						
	pleum odors and elevated PID readings were						
•	s backfilled immediately after tank removal an						
concentrations of benzene, toluene,	ethylbenzene, trimethylbenzenes, xylenes and	d naphthalene in soil samples collected fr	om both the excavation and				
under the former dispenser island. B	Based on field screening and analytical data it	appears that there is a petroleum release	e associated with both the tanks				
and the dispensers at this site.							

Distribution: DATCP DNR Inspector Contractor Owner

### TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below	Field Screening	GRO	DRO
		Grab	Shelby Tube	Direct Push	Split Spoon	Tank/Piping (feet)	Result (ppm)	(mg/kg)	(mg/kg)
B-1	Under east side of 750-gal UST, sandy silt	X				2'	30.3	NA	NA
B-2	Under west side of 750-gal UST, sandy silt	X				2'	160.6	NA	NA
B-3	Under north side of 550-gal UST, sandy silt	X				2'	17.2	NA	NA
B-4	Under south side of 550-gal UST, sandy silt	X				2'	96.4	NA	NA
S-1	On middle of north wall of excavation, sandy silt	X				2'	222.5	NA	NA
S-2	On east side of north wall of excavation, sandy silt	X				2'	221.1	NA	NA
S-3	On middle of east wall of excavation, silty	X				2'	0.3	NA	NA
S-4	On south wall of excavation, sandy silt	X				2'	6.5	NA	NA
S-5	On west side of north wall of excavation, sandy silt	X				2'	1,096	NA	NA
S-6	On middle of west wall of excavation, sandy silt	X				2'	1,085	NA	NA
D-1	Under former dispenser area, silty sand	X				2'	1,343	NA	NA
D-2	Under former dispenser area, silty sand	X				2'	1,453	NA	NA

### TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
B-1	56.2	<250	214	<50.0	1,497	606	<250
B-2	3,120	<5,000	1,880	<1,000	26,930	12,080	<5,000
B-3	<25.0	<250	<25.0	<50.0	<100.0	<75.0	<250
B-4	82.0	<250	68.8	<50.0	776	308.2	<250
S-1	1,550	<2,500	3,080	<500	13,770	5,509	<2,500
S-2	831	<2,500	1,080	<500	6,750	2,806	<2,500
S-3	<25.0	<250	<25.0	<50.0	<100.0	<75.0	<250
S-4	<25.0	<250	<25.0	<50.0	<100.0	<75.0	<250
S-5	2,330	<5,000	2,710	<1,000	38,400	17,720	<5,000
S-6	2,490	<5,000	5,640	<1,000	33,700	17,550	<5,000
D-1	7,220	35,400	62,800	<2,000	618,000	513,000	78,800
D-2	5,770	91,700	118,000	<2,000	1,079,000	922,000	131,000

#### K, TANK-SYSTEM SITE ASSESSMENT INFORMATION

As a tank-system site assessor certified under Wis.	Admin. Code section ATCP 93.240, it is my opinion that	t there is no indication of a release of a
regulated substance to the environment.		
Sampling at the site indicates there has been a release	ase to the environment. Pursuant to Wis. Admin. Code	section ATCP 93.585 (2) (a) and wis. Stats.
section 292.11 (2) (a), the owner or operator or contract substance to the Wisconsin Department of Natural Resceach violation under Wis. Stats. Section 168.26 (5). Each	ources. Failure to do so may result in forfeitures of a mi	nimum of \$10 and a maximum of \$5000 for
Angeline Dannecker	and Dams	522542
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM SITE ASSESSOR SIGNATURE	CERTIFICATION NO.

(715) 304 - 0447

MSA Professional Services, Inc.

TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER DATE SIGNED

COMPANY NAME

Distribution: DATCP DNR Inspector Contractor Owner

## **APPENDIX D**

**Waste Disposal Documentation** 



Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures
PO Box 7837 Medican WI 52707 7007

PO Box 7837 Madison, WI 53707-7837 (608) 224-4942

Wis. Admin. Code §ATCP 93.140

FOR OFFICE USE ONLY

# UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

A separate form is needed for each tank. Send each completed form to the access desired.

Have you previously registered this tank by su	hmitting a form?	eled form to the	agency designa	ated above.			
Have you previously registered this tank by su  This registration applies to a ☑ tank ☑ piping status the	atia (ab. )	es, are you corre	ecting/updating	information of	only?	Yes [	No
☐ In Use	Date of state	us change:					CAR CENTS.
☐ Newly Installed	Abandoned with Water	☐ Abandoned with Product					
☐ Temporarily Out of Service – Provide Date:	Closed - Removed	☐ Abandoned w	ithout Product (e	empty)			
Ownership Change (Indicate new owner name in box 2	Closed – Filled with Inert Materials attach deed)	☐ Change of Sit	e/Facility Addres	s Only (comple	te boxes 1.a	a. and b.	below)
IDENTIFICATION (Please Print)	3000)						/
1. TANK SITE NAME							
GUSTATSON Property		COUNTY		PHONE			
a. CURRENT SITE STREET ADDRESS 192 E. Kingsdale R b. PREVIOUS SITE STREET ADDRESS		Dougle	25	( )	-No	NE	
792 E. Kingsdele R	Sd.	CITY BVIL	LAGE TOW	/N OF:	STATE	ZIP	
b. PREVIOUS SITE STREET ADDRESS		Dairy	land		wi.	. 59	1830
NA.		CITY UVIL	LAGE   TOW	'N OF:	STATE	ZIP	
Fire Dept. providing fire coverage where tank is located:	CITY TOWN TVILLAGE of:	4 1/0	A				
12. TANK OWNER LEGAL NAME		# 1605	>				
ALUN GUSTAFSON		Dougla	<	PHONE:	Check 🕱 C	ELL or [	LAND
MAILING ADDRESS				17197	133 54	68	
1001 Chough Ave. Ap	<u> </u>	Super	AGE TOW	N OF:	STATE	ZIP	4880
3. PROPERTY OWNER NAME (if different from Tank Owner	Legal Name #2)			1002	001	24	·OOC
		COUNTY (it differe	ent from County	#2)			
PROPERTY OWNER ADDRESS (if different from Site Stre	et Address #1)	CITY DVILL	AGE   TOWI	N OF	12	1	
4. CLASS A NAME			YOU DIOMI	N OF:	STATE	ZIP	
T. OLAGO A NAME	DOB		CERTIFICATIO	N: /Attach and	(finale)		
5. CLASS B NAME	The control of			Auach Cen	iicate)		
	DOB		CERTIFICATIO	N: (Attach certi	ficate)		
SITE ID: 93593	FACULTURE VICE TO THE PROPERTY OF THE PROPERTY				illouic)		
Tank Capacity (gallons): 750	FACILITY ID# 437804		CUSTOMER ID	#			
LAND OWNER TYPE (Refer to back; check and): The Count	Tank Age (age or date installed): 19	182		Vehicle fuel	ing: Yes	я Пл	No.
LAND OWNER TYPE (Refer to back; check one): ☐ County OCCUPANCY TYPE (check one) Refer to back	☐ State ☐ Federal Leased ☐ Federal	Owned   Tribal	Nation  Muni	cipal  Other	Governmen	nt <b>5</b> 1 P	rivate
IM Detail Free Color					GOTOTHING	A.	ivale
T Agranda - L	Bulk Storage	☐ Industrial	☐ Residential	☐ School	☐ Gove	romont F	Eleat
TANK CONSTRUCTION:	☐ Backup or Emergency Generator	☐ Other (specify				rancrit i	icei
	SEE HOUSE			Overfill Protec	tion?	Yes	D No
☐ Fiberglass ☐ Unknown ☐ Other (specify):	ass Reinforced Plastic Composite			Spill Containm		] Yes	I No
TANK CATHODIC PROTECTION: Sacrificial Anode	Enica (date).		T1	Tank Double V		] Yes	No No
	A IVIA						7
TANK LEAK DETECTION METHOD: ☐ Automatic tank ga☐ Manual tank gauging (only for tanks of 1,000 gallons or less	uging ☐ Interstitial monitoring  ☐ Elec	ctronic  Yes	] No □ St	atistical Invento	ory Reconcili	iation (SI	IR)
PIPING CONSTRUCTION:  Single Wall  Double Wall:	) 👿 Unknown						13)
X Bare Steel Control Steel Control	7.5						-
PIPING CATHODIC PROTECTION: Sacrificial Anodes	Flexible Copper Unknow		Other:				
PRIMARY PIPING SYSTEM TYPE:	Impressed Current N/A						
PRIMARY PIPING SYSTEM TYPE: Pressurized piping  Suction piping with check valve at tank  Suction piping	with ⇔ ∐ A. Pump auto shutoff - ELLD	☐ B. Flow restri	ctor - MLLD	Unk	nown		-
LA Suction pipin	g with check valve at pump and inspectable	le   Not neede	d if waste oil				
Tightness testing	ring ⇔ Electronic ☐ Yes 🕱 No 👄 :	Sump or cable sens	sor 🗆 Yes 🗷	No			
	ISIR I Not required I I I I	rnown					
TANK CONTENTS Current, or previous product (if tank now er  ☐ Bio-Diesel: % ☐ Hazardous Waste/Interface* [	The state of the s	ded Unlead	ded Gas-e	thanol blend:	% ethano	ы П	Diesel
☐ Waste/Used Meter Oil → ☐ II I I I I	☐ Kerosene ☐ Fuel Oil ☐ Pre			oil – Flash point			
Other (enecify)	☐ Aviation ☐ Empty* ☐ Sar	nd/Grave/Slurry*	☐ Unkno				
	Chemical* Name:		CAS#				
Has a site assessment been completed? (see reverse side for TANK OWNER LEGAL NAME (please print)	r details) 📓 Yes 🗌 No						
	TANK OWNER	E-MAIL					-
TANK OWNER SIGNATURE	statson Neve						
TANK OWNER SIGNATURE (Note: By signing, signer is accep	ting legal and financial responsibility for the	e storage tank syste	em.)	DATE:			
Vikan Kuranson	Judy Luc to 1.	171	54		5-24	1	
Ne	ote: Refer to comments on reverse	side of form		1. 6.	5 7 7		



Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures
PO Box 7837 Madison, WI 53707 7837

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Wis. Admin. Code §ATCP 93.140

FOR OFFICE USE ONLY

# UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

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 above.

Have you previously registered this tank by submitting a form? 

▼ Yes □ No If yes, are you correcting/updating information only? □ Yes □ No This registration applies to a tank piping status that is (check one): Date of status change: ☐ In Use ☐ Abandoned with Water ☐ Abandoned with Product ☐ Newly Installed Closed - Removed ☐ Abandoned without Product (empty) ☐ Temporarily Out of Service – Provide Date: Closed – Filled with Inert Materials ☐ Change of Site/Facility Address Only (complete boxes 1.a. and b. below) Ownership Change (Indicate new owner name in box 2 -- attach deed) IDENTIFICATION (Please Print) 1. TANK SITE NAME COUNTY a. CURRENT SITE STREET ADDRESS PHONE NONE Dairy land b. PREVIOUS SITE STREET ADDRESS TOWN OF: STATE CITY VILLAGE TOWN OF: STATE ZIP Fire Dept. providing fire coverage where tank is located: 

CITY TOWN VILLAGE of: # 1605 2. TANK OWNER LEGAL NAME PHONE: Check CELL or LAND ALON Gustof 715 1733 0468 MAILING ADDRESS VILLAGE TOWN OF: 3. PROPERTY OWNER NAME (if different from Tank Owner Legal Name #2) COUNTY (if different from County #2) PROPERTY OWNER ADDRESS (if different from Site Street Address #1) ☐ CITY ☐ VILLAGE ☐ TOWN OF: STATE 4. CLASS A NAME CERTIFICATION: (Attach certificate) 5. CLASS B NAME DOB CERTIFICATION: (Attach certificate) 93592 SITE ID: **FACILITY ID#** CUSTOMER ID # Tank Capacity (gallons): Tank Age (age or date installed): Vehicle fueling: Yes LAND OWNER TYPE (Refer to back; check one): County State Federal Leased Federal Owned Tribal Nation Municipal Other Government Private OCCUPANCY TYPE (check one) Refer to back Retail Fuel Sales ☐ Mercantile/Commercial ☐ Bulk Storage ☐ Terminal Storage ☐ Industrial ☐ Residential ☐ School ☐ Government Fleet ☐ Agricultural (crop or livestock production) ☐ Utility ☐ Backup or Emergency Generator Other (specify): TANK CONSTRUCTION: Overfill Protection? ☐ Yes No Bare Steel ☐ Coated Steel ☐ Steel – Fiberglass Reinforced Plastic Composite Fiberglass Spill Containment? ☐ Yes No ☐ Unknown Other (specify): ☐ Lined (date): Tank Double Walled? ☐ Yes No. TANK CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current N/A TANK LEAK DETECTION METHOD: ☐ Automatic tank gauging ☐ Interstitial monitoring < Electronic ☐ Yes ☐ No ☐ Statistical Inventory Reconciliation (SIR) ☐ Manual tank gauging (only for tanks of 1,000 gallons or less) Unknown PIPING CONSTRUCTION: Single Wall Double Wall: Bare Steel ☐ Coated Steel ☐ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown Other: PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current N/A PRIMARY PIPING SYSTEM TYPE: ☐ Pressurized piping with ⇔ ☐ A. Pump auto shutoff - ELLD ☐ B. Flow restrictor - MLLD ☐ Unknown Suction piping with check valve at tank  $\hfill \square$  Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil PIPING LEAK DETECTION METHOD: ☐ Interstitial monitoring ⇔ Electronic ☐ Yes ☐ No ⇔ Sump or cable sensor ☐ Yes ☐ No ☐ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required Unknown TANK CONTENTS Current, or previous product (if tank now empty) (\* = NOT PECFA eligible) Leaded ☐ Unleaded ☐ Gas-ethanol blend: % ethanol ☐ Bio-Diesel: \_\_\_ % ☐ Hazardous Waste/Interface\* ☐ Kerosene ☐ Fuel Oil Premix ☐ New Oil ☐ New oil – Flash point less than 200°F ☐ Waste/Used Motor Oil 
☐ Used for Heating ☐ Aviation ☐ Sand/Grave/Slurry\* ☐ Empty\* ☐ Unknown Other (specify): ☐ Chemical\* Name: CAS# TANK OWNER LEGAL NAME (please print) TANK OWNER E-MAIL LanGustatson Judy Gustatson TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) 1-15-24



# ZAHL-PETROLEUM MAINTENANCE CO.

DIV. OF DAN LARSON ENTERPRISES, INC. Sales, Service, Installation of Petroleum Equipment Since 1952

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SHIPPING MANIFEST	
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Work O	rder:	504233						
Bill To:			Transporter:					
	1 1	Son Providy	ZAHL-PETROLEUM MAINTENANCE CO.					
	(Carr)	SSON 11-521-)	3101 SPRING STREET NE					
			MINNEAPOLIS, MN 55413					
НМ	Gallons	Product Description						
		UN1203, GASOLINE, SOLUTION, 3, PGII						
		NA1993, FUEL OIL, SOLUTION, 3, PGIII						
Com	1500	11-6						
20	30	SLUDGE / SOLIDS						
	32	USED OIL (NOT REGULATED)						
		Pick-Up Point/Job Site	Destination					
			ZAHL-PETROLEUM MAINTENANCE CO.					
-		E Kingsdole RA	3101 SPRING STREET NE					
-	10	L FINGSDELLE	MINNEAPOLIS, MN 55413					
-		an Dury WI 31030	(612) 331-8550					
The Ge	nerator is re	esponsible for the cost of the analysis and disposal of the	TRANSPORTER CERTIFICATION - This is to certify the above named					
above r	named mate	rials in compliance with State and Federal regulations.	materials are properly classified, packaged, marked, labeled, and are in					
			proper condition for transportation according to the applicable regulations of the Department of Transportation.					
GENER	RATOR		0.1					
NAME (	(PRINT):	Music Some MSA	TRANSPORTER NAME (PRINT):					
SIGNA	TURE:	(m( /-	TRANSPORTER SIGNATURE:					
		POTENTIAL	FIRE					
Flamm	R EXPLOSION able/combusti	ble material; may be ignited by sparks or flames.	Small fires: Dry chemical, CO2, Water spray or regular foam.					
Vapors	may travel to ners may expl	a source of ignition and flash back. ode in heat or fire.	so without risk. Apply cooling water to sides of container that are exposed to flames until well after flames are out. Stay away from the ends of the tank.					
Vapor	explosion haz	ard indoors, outdoors or in sewers. create fire or explosion hazard.	For massive fires in cargo area, use an unmanned hose holder or monitor hozzles, it this					
HEALTI	H HAZARD		is impossible, withdraw from the area and let fire burn.  Withdraw immediately in case of rising sound from venting safety device or any					
or cuff	ocation Conta	inhaled or absorbed through the skin. Vapors may cause dizziness ct may irritate or burn skin and eyes. Fire may produce irritating or	discoloration of tank due to fire.  SPILL OR LEAK					
poison	ous gases. Ru	moff from fire control or dilution in water may cause poliution.	Shut off ignition sources; no flares, smoking, or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapor; but it may not prevent ignition in					
Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind and keep out of low areas. Positive pressure self-contained breathing apparatus (SCBA) and			elegad appears					
structi	iral fire fighter'	s protective clothing will provide limited protection, isolate for 1/2 mile	Small Spills: Take up with sand or other noncombustible absorbent material and place in containers for later disposal.					
in all d	lirections if tan	k, rail car, or truck tank is involved.	Large Spills: Dike far ahead of liquid spill for later disposal.  FIRST AID					
CALL F	OR EMERGE	NCY ASSISTANCE: mination occurs call:	Move victim to fresh air and call emergency medical care; if not breathing, give artificial					
1.0		ESPONSE NO. (800) 424-9300	respiration; if breathing is difficult, give oxygen.  In case of contact with material, immediately flush eyes with running water for at least					
Section 1			15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at site.					