

Shafel, Kathleen S - DNR

From: Herrera, Adrian - DNR
Sent: Thursday, January 24, 2019 7:33 AM
To: Stoltz, Carrie R - DNR; Shafel, Kathleen S - DNR
Subject: 01-03-583033 FW: Twin Town Store, LLC Almaena, WI
Attachments: Tank Closure Assessment Ltr 1.21.19 Final.pdf

Hi Carrie and Kathleen,

This is another tank pull that occurred in July. I received some of the TSSA but realized I was missing pages so I asked them to resend. I'm not sure if you had received any of this previously.

From: Murf Schaper [murf@schaperexcavating.com]
Sent: Tuesday, January 22, 2019 4:50 PM
To: Herrera, Adrian - DNR
Subject: FW: Twin Town Store, LLC Almaena, WI

From: Lynn Bradley <lbradley@generalengineering.net>
Sent: Tuesday, January 22, 2019 4:38 PM
To: cfdinspector@outlook.com; Adrian.Herrera@wisconsin.gov
Cc: Murf Schaper <murf@schaperexcavating.com>; Kate Schaper <kate@schaperexcavating.com>
Subject: Twin Town Store, LLC Almaena, WI

Please see attached the Tank Closure Site Assessment for the Twin Town Store, located at 597 10 ½ Avenue, in Almaena, Barron County, Wisconsin. A low detect of naphthalene was detected in one sample, but below the NR 720 Residual Contaminant Level (RCL). I suggest the report be submitted to the WDNR Requesting No Action be required. I can assist with this if the owner would like. Please feel free to contact me with any questions or concerns you may have at 608-617-7729.

Lynn M. Bradley

Environmental Project Manager | General Engineering Company

916 Silver Lake Drive | PO Box 340 | Portage, WI 53901 P 608-742-2169 | F 608-742-2592 | C 608-617-7729

lbradley@generalengineering.net<mailto:lbradley@generalengineering.net>

www.generalengineering.net<http://secure-web.cisco.com/1B1AHx0jpRpv23nd3gGDwLB1UtQy8-

AOxsYmV07137cbSkrQdKhyTGinoBOEFpf9574FD6k9esuAjpWAqRHHW1scbVyZr_qde0opsfOjjLgX4cN5U5d3ihEPI4XKEyL032DoyAeU1oRUXRuh5h-

US587UVkTzVUrFTTLnfCdWmisZod87VX_fULFT4f8m7OqsZKButzXMuOlzom5VLCb09gNSMEwSsFo0RgfXfFY_850TU5dY1PZkMYD4vJT-c7ku/http%3A%2F%2Fwww.generalengineering.net%2F>

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January 22, 2019

Chippewa Fire District
Rebecca Shervey (E-mail)
1301 Chippewa Crossing Blvd
Chippewa Falls, WI 54729
cfinspect@outlook.com

RE: Underground Storage Tank Site Assessment
Twin Town Store LLC
597 10 ½ Avenue
Almena, Barron County, WI 54805

Dear Ms. Shervey:

General Engineering Company was been retained by Schaper Excavating and Petroleum to perform a tank system site assessment (TSSA) at the Twin Town Store, located at 597 10 ½ Avenue, in Almena, Barron County, Wisconsin.

The property is located approximately 100 feet west of the intersection of 6th Street and 10 ½ Avenue in the Village of Almena, Wisconsin. The property was occupied by one single story structure, located on the southern portion of the property, which was occupied by a restaurant/bar. The underground storage tanks were located on the northeast portion of the property, with the dispensers located just east of the tanks. Three 10,000-gallon underground storage tanks, dispensers and piping were removed from the property on July 10, 2018. The UST and piping appeared to be in good condition, with no obvious holes or leaks. Sumps were present beneath the dispensers, and appeared to be in good condition, with no obvious holes. The Tank System Service Closure Assessment Forms Part A and B is included in Attachment A. A Regional Site Location Map, and a Site Plan Map, are included in Attachment B.

Contractor/Cleaner Remover:

Schaper Excavating and Petroleum
W4396 County Hwy E
Pardeeville, WI 53954

Tank Site Assessor:

Lynn Bradley (401232)
General Engineering Company
916 Silver Lake Drive
Portage, WI 53901



Underground Storage Tank Site Assessment Results
Twin Town Store, LLC
Almena, Wisconsin

Tank Removal/Closure:

On July 10, 2018, General Engineering performed a Site Assessment during the removal of three 10,000-gallon underground storage tanks, containing unleaded gasoline and diesel, from the northeast portion of the property. A total of fifteen soil samples were collected from the bottom of the tank sidewalls and beneath the tanks. The dispensers were located just east of the USTs.

Soil samples were submitted for laboratory analysis to Synergy Laboratory for the presence of petroleum volatile organic compounds (PVOC) and naphthalene. No PVOC compounds were detected above the laboratory limit of detection with the exception of soil sample SS-13, located on the east wall, beneath the center dispenser. Naphthalene was detected at a concentration of 87 micrograms per kilogram (ug/kg), which is below the Wisconsin Administrative Code NR 720 Soil to Groundwater Residual Contaminant Level (RCLs). A table exhibiting the analytical results is included in Appendix D.

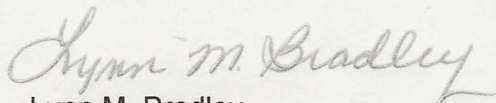
Conclusions:

On July 21, 2018, soil samples were collected from the sidewall and bottom of the excavation. Fifteen soil samples were analyzed for the presence of PVOC and Naphthalene. Analytical results did not exhibit petroleum concentrations above the laboratory limit of detection, with the exception of soil sample SS-13, which reported a concentration of naphthalene of 87 ug/kg. This concentration is below the NR 140 soil to groundwater RCL of 658 ug/kg. No other petroleum compound was detected above the limit of detection in SS-13.

Therefore, it appears the naphthalene concentration is an isolated area of contamination, and it is recommended this report be submitted to the WDNR with a recommendation no additional assessment/Action be required.

Please feel free to contact me if you have any further questions, or if additional information is needed.

Respectfully Submitted,
GENERAL ENGINEERING COMPANY



Lynn M. Bradley
Environmental Project Manager

Attachments:

- A – Tank System Service and Closure Assessment Forms Part A and B
- B – Figures
- C – Photographs
- D – Table 1 and Analytical Results and Chain of Custody Documentation

c: Schaper Excavating and Petroleum



APPENDIX A
TANK SYSTEM CLOSURE ASSESSMENT –
PART A & B

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 address MUST MATCH with Part A Section 1.*

TWIN TOWN STORE

SITE ADDRESS (Not PO Box)

597 101/2 STREET

CITY TOWN VILLAGE
ALMENA

STATE ZIP
WI 54805

To determine if a TSSA is required, see ATCP 93 and section II part B of *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS*.

If a TSSA is required, then follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS*

1. Site Information

a. Has there been a previously documented release at this site? Y N

If yes, provide the DATCP # _____ or DNR BRRT's # _____

b. Number of active tanks at facility prior to completion of current services: USTs 3 ASTs _____

(NOTE 1: Do not include previously closed systems or system components.)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1	45	30	10

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: Yes No b. Petroleum odor: Yes No c. Water In excavation/trench: Yes No

d. Free product in the excavation/trench: Yes No e. Sheen or free product on water: Yes No

3. Geology/Hydrogeology

a. Depth to groundwater 60 feet b. Indicate type of geology² Sand

4. Receptors

a. Water supply well(s) within 250 feet of the facility? Yes No If yes, specify: _____

b. Surface water(s) within 1000 feet of the facility? Yes No If yes, specify: _____

5. Sampling

a. Follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS*.

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Slight odor under the dispenser, looked very localized.

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 Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
1	Southwest Wall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
2	South Wall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0		
3	East/Southeast Wall/Dispenser	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
4	South/Southeast Wall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0		
5	West/Southwest Wall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
6	Southwest Bottom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	0		
7	South-Central Bottom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	0		
8	Southeast Bottom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	0		
9	Northeast Bottom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	0		
10	Northwest Bottom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	0		
11	North-Central Bottom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	0		
12	West/Northwest Wall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
13	East Wall/Center Disp	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	8		
14	Northeast Wall/North Dispenser	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		

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
1	<25	<25	<25	<25	<50	<75	<25
2	<25	<25	<25	<25	<50	<75	<25
3	<25	<25	<25	<25	<50	<75	<25
4	<25	<25	<25	<25	<50	<75	<25
5	<25	<25	<25	<25	<50	<75	<25
6	<25	<25	<25	<25	<50	<75	<25
7	<25	<25	<25	<25	<50	<75	<25
8	<25	<25	<25	<25	<50	<75	<25
9	<25	<25	<25	<25	<50	<75	<25
10	<25	<25	<25	<25	<50	<75	<25
11	<25	<25	<25	<25	<50	<75	<25
12	<25	<25	<25	<25	<50	<75	<25
13	<25	<25	<25	<25	<50	<75	87
14	<25	<25	<25	<25	<50	<75	<25

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

As a tank-system site assessor certified under Wis. Admin. Code section SPS 305.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.

Sampling at the site indicates there has been a release 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 contractor performing work under chapter ATCP 93 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of \$10 and a maximum of \$5000 for each violation under Wis. Stats. Section 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

Lynn M. Bradley

TANK-SYSTEM SITE ASSESSOR NAME (PRINT):

Lynn M. Bradley
TANK-SYSTEM SITE ASSESSOR SIGNATURE

401232

CERTIFICATION NO.

Concentration below NR 720-5.1 RCL No Action Required

(608) 742 - 2169

TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER

1/21/2018

DATE SIGNED

General Engineering Company

COMPANY NAME

This document can be made available in alternate formats to individuals with disabilities upon request.

Distribution: DATCP DNR Inspector Contractor Owner



Wisconsin Department of Agriculture, Trade and Consumer Protection
 Bureau of Weights and Measures
 P.O. Box 7837, Madison, WI 53707-7837
 (608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

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.).

Complete One Form for Each System Service Event

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

CHECK ONE: UNDERGROUND ABOVEGROUND

Part A – To be completed by contractor performing repair or closure

A. TYPE OF SERVICE CLOSURE REPAIR/UPGRADE CHANGE-IN-SERVICE

Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed

Remote fill Tank Piping Transition/containment sump Spill bucket Dispenser

B. IDENTIFICATION

OWNER INFORMATION

OWNER NAME <i>Twin Town Store LLC</i>	CONTACT NAME	TITLE
MAILING ADDRESS <i>597 10 1/2 AVE</i>	<input type="checkbox"/> CITY <input type="checkbox"/> TOWN <input checked="" type="checkbox"/> VILLAGE <i>Almena</i>	STATE ZIP <i>WI 54805</i>
TELEPHONE: <i>() 715-419-4021</i>	E-MAIL	

SITE INFORMATION

FACILITY NAME <i>Twin Town Store LLC</i>		
SITE ADDRESS (Not PO Box) <i>597 10 1/2 AVE</i>	<input type="checkbox"/> CITY <input type="checkbox"/> TOWN <input checked="" type="checkbox"/> VILLAGE <i>Almena</i>	STATE ZIP <i>WI 54805</i>

SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above <i>Schaper Exc + Petro LLC</i>	TELEPHONE: <i>6084992300</i>	CELL: <i>6086174612</i>
STREET ADDRESS <i>W4396 Ctr E</i>	<input type="checkbox"/> CITY <input checked="" type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE <i>Scott</i>	STATE ZIP <i>WI 53954</i>

C. TANK SYSTEM DETAIL (Complete for all service activities)

a	b	c	d	e	f	g	h
Tank ID #	Type of Closure ¹	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents ²	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	If "Yes" to "g", Then Specify Source and Cause of Release ⁵
						<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Source of Release ³ Cause of Release ⁴
<i>251288</i>	<i>P</i>	<i>Steel</i>	<i>Flex 10000</i>	<i>UG</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<i>251289</i>	<i>P</i>	<i>steel</i>	<i>Flex 10000</i>	<i>Empty</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<i>251290</i>	<i>P</i>	<i>Steel</i>	<i>Flex 10000</i>	<i>DL</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>Pipe IP</i>
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	

- Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place
- Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s))
- CAS number(s):
- Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown
- Cause of release:
S = spill, O = overflow, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown
- Has release been reported to the Department of Natural Resources? Yes No Release not evident at this time

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. Yes No

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 closure. Yes No NA

NOTE: TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST

D.1 TEMPORARILY OUT-OF-SERVICE

	Remover Verified	Inspector Verified	Inspector Not Present	NA
1. Product removed.				
a. Product lines drained into tank (or other container) and liquid removed, and	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
b. All product removed to bottom of suction line, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
c. All product removed to within 1" of bottom.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
4. Dispensers/pumps left in place but locked and power disconnected.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
5. Vent lines left open.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

D.2 CLOSURE BY REMOVAL OR IN-PLACE

1. General Requirements	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
a. Product from piping drained into tank (or other container).	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
b. Piping disconnected from tank and removed.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
f. Vent lines left connected until tanks purged.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
g. Tank openings temporarily plugged so vapors exit through vent.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
2. Specific Closure-by-Removal Requirements				
a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
b. Tank cleaned before being removed from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL

d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
e. Site security is provided while the excavation is open.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
3. Specific Closure-in-Place Requirements	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

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.

a. Tank properly cleaned to remove all sludge and residue.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
c. Vent line disconnected or removed.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
d. Inventory form filed by owner with the DATCP indicating closure in-place.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

E. REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 5 days in advance of service date. Y N NA

All local permits were obtained before beginning service. Y N NA

Form TR-WM-137 or 0 TR-WM-118 filed by owner with the DATCP indicating change-in-service. Y N NA

F. METHOD OF VAPOR FREEING OF TANK

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 12 feet above ground.

Inert gas using dry ice or liquid carbon dioxide.

Inert gas using CO2 or N2 **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. 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.

Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.

Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

G. REMOVER/CLEANER INFORMATION

Richard V Schaper Richard V Schaper 401583 7/10/2018
REMOVER/CLEANER NAME (PRINT): REMOVER/CLEANER SIGNATURE CERTIFICATION NO DATE SIGNED

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with ATCP 93.

Company expected to perform soil contamination assessment General Engineering Portage

H. INSPECTOR INFORMATION

Rebecca Shervey Rebecca Shervey 401401 262008
INSPECTOR NAME (PRINT): INSPECTOR SIGNATURE INSPECTOR CERTIFICATION NO LPO AGENCY #

0301 (215)829-4402 7/10/18
FDID # FOR LOCATION WHERE INSPECTION PERFORMED INSPECTOR TELEPHONE:NUMBER DATE SIGNED

INSPECTOR NOTES:



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

FOR OFFICE USE ONLY	
TDID#:	
Reg Obj #:	
Wis. Admin. Code §ATCP 93.140	

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 status that is (check one):

- | | | |
|---|---|--|
| <input type="checkbox"/> In Use | <input type="checkbox"/> Abandoned with Product (empty) | <input type="checkbox"/> Closed - Filled with Inert Materials |
| <input type="checkbox"/> Newly Installed | <input type="checkbox"/> Abandon with Water | <input type="checkbox"/> Ownership Change (Indicate new owner name in block 2 - attach deed) |
| <input type="checkbox"/> Abandoned with Product | <input checked="" type="checkbox"/> Closed - Tank Removed | <input type="checkbox"/> Temporarily Out of Service - Provide Date: |

Fire Dept. providing fire coverage where tank is located: CITY TOWN VILLAGE 0301 Almena

IDENTIFICATION (Please Print)			
1. TANK SITE NAME Twin Town Store LLC		COUNTY Barron	PHONE (715) 419 - 4021
SITE STREET ADDRESS 597 10 1/2 Ave		<input type="checkbox"/> CITY <input checked="" type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF: Almena	STATE ZIP WI 54805
2. TANK OWNER LEGAL NAME Twin Town Store LLC		COUNTY Barron	PHONE: Check <input type="checkbox"/> CELL or <input type="checkbox"/> LAND
MAILING ADDRESS 597 10 1/2 Ave		<input type="checkbox"/> CITY <input checked="" type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF: Almena	STATE ZIP WI 54805
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)		<input type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF:	STATE ZIP WI
4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)	
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)	
SITE ID: 251289	FACILITY ID # 139320	CUSTOMER ID #	

Tank Capacity (gallons): 10000 Tank Age (age or date installed): 11/1/1984 Vehicle fueling: Yes No

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

OCCUPANCY TYPE (check one) Refer to back
 Retail Fuel Sales Mercantile/Commercial Industrial Residential School Utility Government Fleet
 Agricultural (crop or livestock production) Backup or Emergency Generator Other (specify):

TANK CONSTRUCTION:
 Bare Steel Coated Steel Steel - Fiberglass Reinforced Plastic Composite
 Fiberglass Unknown Other (specify): Lined (date):
 Overfill Protection? Yes No
 Spill Containment? Yes No
 Tank Double Walled? Yes No

TANK CATHODIC PROTECTION: Sacrificial Anodes Impressed Current N/A

PRIMARY TANK LEAK DETECTION METHOD: Automatic tank gauging Interstitial monitoring Electronic Yes No Inventory control and tightness testing
 Manual tank gauging (only for tanks of 1,000 gallons or less) Statistical Inventory Reconciliation (SIR) Unknown

PIPING CONSTRUCTION: Single Wall Double Wall:
 Bare Steel Coated Steel Fiberglass Flexible Copper Unknown N/A 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 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)) Leaded Unleaded Gas-ethanol blend: ___ % Diesel
 Bio-Diesel: ___ % Aviation Premix Fuel Oil Kerosene New Oil New oil - Flash point less than 200°F
 Waste/Used Motor Oil Used for Heating Hazardous Waste/Interface* Empty* Sand/Grave/Slurry* Unknown
 Other (specify): Chemical* Name CAS#

* NOT PECFA eligible. Geo Latitude: Geo Longitude:

If Tank Closed, Abandoned or Out of Service: 6/26/2018 Has a site assessment been completed? (see reverse side for details) Yes No

TANK OWNER LEGAL NAME (please print) TANK OWNER E-MAIL

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) DATE: 6/26/2018

Note: Refer to comments on reverse side of form.

2110



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

FOR OFFICE USE ONLY
 TDID#: _____
 Reg Obj #: _____
 Wis. Admin. Code §ATCP 93.140

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 status that is (check one):

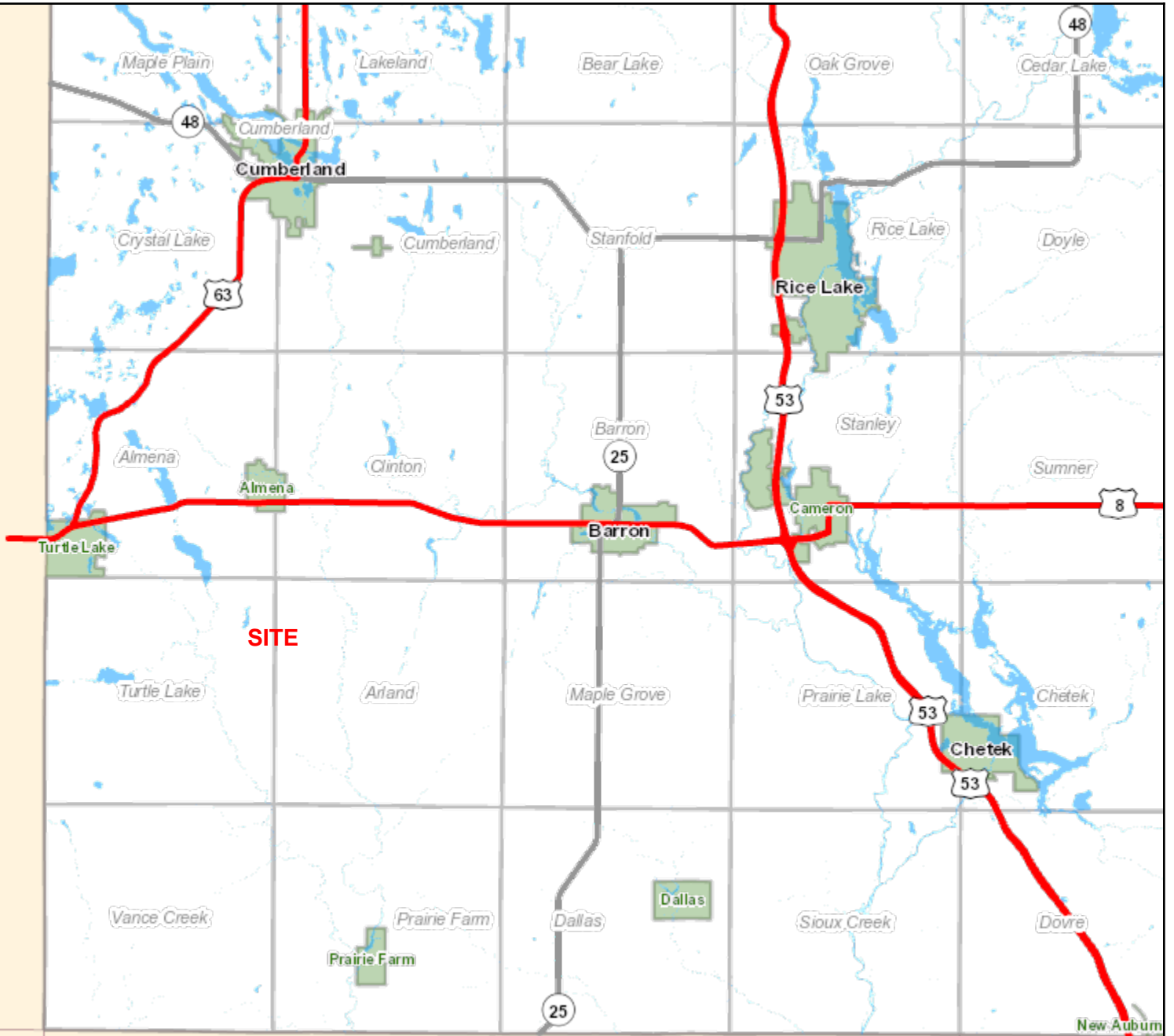
- In Use
 - Abandoned with Product (empty)
 - Closed -- Filled with Inert Materials
 - Newly Installed
 - Abandon with Water
 - Ownership Change (Indicate new owner name in block 2 -- attach deed)
 - Abandoned with Product
 - Closed - Tank Removed
 - Temporarily Out of Service - Provide Date:
- Fire Dept. providing fire coverage where tank is located: CITY TOWN VILLAGE 0301 Almena

IDENTIFICATION (Please Print)			
1. TANK SITE NAME Twin Town Store LLC		COUNTY Barron	PHONE (715) 419 - 4021
SITE STREET ADDRESS 597 10 1/2 Ave		<input type="checkbox"/> CITY <input checked="" type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF: Almena	STATE ZIP WI 54805
2. TANK OWNER LEGAL NAME Twin Town Store LLC		COUNTY Barron	PHONE: Check <input type="checkbox"/> CELL or <input type="checkbox"/> LAND () -
MAILING ADDRESS 597 10 1/2 Ave		<input type="checkbox"/> CITY <input checked="" type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF: Almena	STATE ZIP WI 54805
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)		<input type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF:	STATE ZIP WI
4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)	
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)	
SITE ID: 251288		FACILITY ID # 139320	CUSTOMER ID #
Tank Capacity (gallons): 10000		Tank Age (age or date installed): 11/1/1984	Vehicle fueling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
LAND OWNER TYPE (check one) Refer to back			
<input type="checkbox"/> County <input type="checkbox"/> State <input type="checkbox"/> Federal Leased <input type="checkbox"/> Federal Owned <input type="checkbox"/> Tribal Nation <input type="checkbox"/> Municipal <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private			
OCCUPANCY TYPE (check one) Refer to back			
<input checked="" type="checkbox"/> Retail Fuel Sales <input type="checkbox"/> Mercantile/Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Residential <input type="checkbox"/> School <input type="checkbox"/> Utility <input type="checkbox"/> Government Fleet			
<input type="checkbox"/> Agricultural (crop or livestock production) <input type="checkbox"/> Backup or Emergency Generator <input type="checkbox"/> Other (specify):			
TANK CONSTRUCTION:			Overfill Protection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Bare Steel <input checked="" type="checkbox"/> Coated Steel <input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite			Spill Containment? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Fiberglass <input type="checkbox"/> Unknown <input type="checkbox"/> Other (specify): <input type="checkbox"/> Lined (date):			Tank Double Walled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TANK CATHODIC PROTECTION: <input checked="" type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input type="checkbox"/> N/A			
PRIMARY TANK LEAK DETECTION METHOD: <input checked="" type="checkbox"/> Automatic tank gauging <input type="checkbox"/> Interstitial monitoring <input type="checkbox"/> Electronic <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Inventory control and tightness testing			
<input type="checkbox"/> Manual tank gauging (only for tanks of 1,000 gallons or less) <input type="checkbox"/> Statistical Inventory Reconciliation (SIR) <input type="checkbox"/> Unknown			
PIPING CONSTRUCTION: <input type="checkbox"/> Single Wall <input checked="" type="checkbox"/> Double Wall:			
<input type="checkbox"/> Bare Steel <input type="checkbox"/> Coated Steel <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> Flexible <input type="checkbox"/> Copper <input type="checkbox"/> Unknown <input type="checkbox"/> N/A <input type="checkbox"/> Other:			
PIPING CATHODIC PROTECTION: <input type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input checked="" type="checkbox"/> N/A			
PRIMARY PIPING SYSTEM TYPE: <input type="checkbox"/> Pressurized piping with <input type="checkbox"/> A. Pump auto shutoff - ELLD <input type="checkbox"/> B. Flow restrictor - MLLD <input type="checkbox"/> Unknown			
<input type="checkbox"/> Suction piping with check valve at tank <input type="checkbox"/> Suction piping with check valve at pump and inspectable <input type="checkbox"/> Not needed if waste oil			
PIPING LEAK DETECTION METHOD: <input type="checkbox"/> Interstitial monitoring <input type="checkbox"/> Electronic <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Sump or cable sensor <input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Tightness testing <input type="checkbox"/> Electronic line monitor - ELLD <input type="checkbox"/> SIR <input checked="" type="checkbox"/> Not required <input type="checkbox"/> Unknown			
TANK CONTENTS (Current, or previous product (if tank now empty)) <input type="checkbox"/> Leaded <input checked="" type="checkbox"/> Unleaded <input type="checkbox"/> Gas-ethanol blend: ___ % <input type="checkbox"/> Diesel			
<input type="checkbox"/> Bio-Diesel: ___ % <input type="checkbox"/> Aviation <input type="checkbox"/> Premix <input type="checkbox"/> Fuel Oil <input type="checkbox"/> Kerosene <input type="checkbox"/> New Oil <input type="checkbox"/> New oil - Flash point less than 200°F			
<input type="checkbox"/> Waste/Used Motor Oil <input type="checkbox"/> Used for Heating <input type="checkbox"/> Hazardous Waste/Interface* <input type="checkbox"/> Empty* <input type="checkbox"/> Sand/Grave/Slurry* <input type="checkbox"/> Unknown			
<input type="checkbox"/> Other (specify): <input type="checkbox"/> Chemical* Name CAS#			
* NOT PECFA eligible.		Geo Latitude:	Geo Longitude:
If Tank Closed, Abandoned or Out of Service: 6/26/2018		Has a site assessment been completed? (see reverse side for details) <input type="checkbox"/> Yes <input type="checkbox"/> No	
TANK OWNER LEGAL NAME (please print) Stephanic Anderson		TANK OWNER E-MAIL	
TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) S Anderson			DATE: 6/26/2018

Note: Refer to comments on reverse side of form.

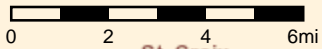
7/10

APPENDIX B
SITE FIGURES/MAPS



Polk

SITE













DISCLAIMER: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

Dunn

Chippewa




Legend

-  2020 Parcels
-  Lines
-  PIN
-  DIMS
-  PLAT_NO
-  Sections
-  US Highways
-  State Highways
-  County Roads
-  Town Roads

Barron County, WI



DISCLAIMER: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

Author:	
Date Printed: 01/22/19 2:39 PM	
Sources:	

APPENDIX C
SITE PHOTOGRAPHS



PHOTOGRAPH OF 10,000-GALLON DIESEL TANK



PHOTOGRAPH OF EXCAVATION BENEATH THE 10,000-GALLON DIESEL TANK



PHOTOGRAPH OF THE 10,000-GALLON GASOLINE TANK



PHOTOGRAPH OF THE NORTH 10,000-GALLON UST



PHOTOGRAPH OF THE UST EXCAVATION



PHOTOGRAPH OF THE FORMER DIPSENER AREA WHICH WERE LOCATED ON THE
EASTERN PROPERTY BOUNDARY

APPENDIX D
TABLE/ANALYTICAL RESULTS AND
CHAIN OF CUSTODY

**SOIL ANALYTICAL TABLE
TWIN TOWER BAR, WI
UNDERGROUND STORAGE TANK REMOVAL**

Sample No.	WDNR Industrial Direct Contact RCL	WDNR Non- Industrial Direct Contact RCL	WDNR Soil to Groundw ater RCL	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	SS-12	SS-13	SS-14	SS-15				
Sample Description				SW SIDEWALL	S SIDEWALL	E/SE SIDEWALL & DISPENSERS	S/SE WALL	W/SW WALL	SW BOTTOM	S CENTER BOTTOM	SE BOTTOM	NE BOTTOM	NW BOTTOM	N CENTER BOTTOM	W/NW WALL	E-WALL CENTER DISPENSER	NE WALL/N DISPENSER	N WALL				
Sampling Date				7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	7/9/18	
Sample Depth (feet)																						
Saturated/Unsaturated																						
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOCS) (µg/kg)																						
Benzene	7070	1600	5.1	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25			
Ethylbenzene	35400	8020	1570	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25			
Methyl tert-butyl ether	282000	63800	27	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25			
Naphthalene	24100	5520	658	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	87	<25	<25	<25			
Toluene	818000	818000	1107	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25			
1,2,4-Trimethylbenzene	219000	219000	1382	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25			
1,3,5-Trimethylbenzene	NE	182000		<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25			
Xylenes, -m, -p	260000	260000	3960	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75			
Xylenes, -o																						

J = Analyte detected above laboratory limit of detection but below limit of quantitation.
Bold indicates analytical results exceed NR 720 RCL
RCL = Residual Contaminant Level
DCL = Direct-Contact Levels
NA = Parameter not analyzed
NE = NR 720 RCL not established

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

LYNN BRADLEY
GENERAL ENGINEERING
916 SILVER LAKE DRIVE
PORTAGE, WI 53901

Report Date 24-Jul-18

Project Name TWIN TOWN BAR
Project #

Invoice # E34908

Lab Code 5034908A
Sample ID SS-1 SW SIDEWAL
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.1	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/18/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/18/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/18/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/18/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/18/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/18/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/18/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/18/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/18/2018	CJR	1

Project Name TWIN TOWN BAR
Project #

Invoice # E34908

Lab Code 5034908B
Sample ID SS-2 S SIDEWALL
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.7	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/18/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/18/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/18/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/18/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/18/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/18/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/18/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/18/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/18/2018	CJR	1

Lab Code 5034908C
Sample ID SS-3 E/SE SIDEWA
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	97.0	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/18/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/18/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/18/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/18/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/18/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/18/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/18/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/18/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/18/2018	CJR	1

Project Name TWIN TOWN BAR
Project #

Invoice # E34908

Lab Code 5034908D
Sample ID SS-4 S/SE WALL
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	96.9	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/18/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/18/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/18/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/18/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/18/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/18/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/18/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/18/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/18/2018	CJR	1

Lab Code 5034908E
Sample ID SS-5 W/SW WALL
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.0	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/19/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/19/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/19/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/19/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/19/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/19/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/19/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/19/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/19/2018	CJR	1

Project Name TWIN TOWN BAR
Project #

Invoice # E34908

Lab Code 5034908F
Sample ID SS-6 SW BOTTOM
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.2	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/19/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/19/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/19/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/19/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/19/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/19/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/19/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/19/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/19/2018	CJR	1

Lab Code 5034908G
Sample ID SS-7 S-CENTER BO
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.3	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/19/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/19/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/19/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/19/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/19/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/19/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/19/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/19/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/19/2018	CJR	1

Project Name TWIN TOWN BAR
Project #

Invoice # E34908

Lab Code 5034908H
Sample ID SS-8 SE BOTTOM
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.7	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/19/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/19/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/19/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/19/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/19/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/19/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/19/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/19/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/19/2018	CJR	1

Lab Code 5034908I
Sample ID SS-9 NE BOTTOM
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.7	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/19/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/19/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/19/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/19/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/19/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/19/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/19/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/19/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/19/2018	CJR	1

Project #

Lab Code 5034908J
 Sample ID SS-10 NW BOTTOM
 Sample Matrix Soil
 Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.0	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/19/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/19/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/19/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/19/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/19/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/19/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/19/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/19/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/19/2018	CJR	1

Lab Code 5034908K
 Sample ID SS-11 N CENTER B
 Sample Matrix Soil
 Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.4	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/19/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/19/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/19/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/19/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/19/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/19/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/19/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/19/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/19/2018	CJR	1

Project Name TWIN TOWN BAR
Project #

Invoice # E34908

Lab Code 5034908L
Sample ID SS-12 W/NW WALL
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.5	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/20/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/20/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/20/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/20/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/20/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/20/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/20/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/20/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/20/2018	CJR	1

Lab Code 5034908M
Sample ID SS-13 E WALL CEN
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.0	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/20/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/20/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/20/2018	CJR	1
Naphthalene	0.087	mg/kg	0.022	0.07	1	GRO95/8021		7/20/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/20/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/20/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/20/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/20/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/20/2018	CJR	1

Project Name TWIN TOWN BAR
Project #

Invoice # E34908

Lab Code 5034908N
Sample ID SS-14 NE WALL/N
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.2	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/20/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/20/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/20/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/20/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/20/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/20/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/20/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/20/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/20/2018	CJR	1

Lab Code 5034908O
Sample ID SS-15 N WALL
Sample Matrix Soil
Sample Date 7/9/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.5	%			1	5021		7/11/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		7/20/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		7/20/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		7/20/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/20/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		7/20/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/20/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		7/20/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		7/20/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		7/20/2018	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code *Comment*

1 Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



A handwritten signature in blue ink, appearing to read "Michael J. [unclear]", is written over a horizontal line.

