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Company  
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Portage, WI 53901



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October 19, 2018

Erin O Brien (e-mail)  
Wisconsin Department of Agriculture, Trade, and Consumer Protection

RE: Underground Storage Tank Site Assessment  
Former Marathon Station  
905 E. Main Street  
Watertown, Jefferson County, Wisconsin

Dear Erin,

Attached with this letter are the Tank System Service Closure Assessment Forms Part A and B, and corresponding documents, for the removal of three (3) underground storage tanks (USTs) including two (2) 8,000-gallon unleaded gasoline USTs, one 12,000-gallon unleaded gasoline UST, three associated dispensers, and piping from the property located at 905 E Main Street, Watertown, Jefferson County, Wisconsin. A Site Location Map and Site Plan Map are included in Appendix B.

The property is a triangular property, located at the intersection of College Avenue and East Main Street, in the City of Watertown. The property is occupied by one main single-story structure that formerly operated as a gasoline station. A smaller storage shed water located west/northwest of the structure. A canopy that formerly covered the three dispensers was demolished for the purpose of removing the three tanks, just west/northwest of the canopy.

On September 21, 2018, Schaper Excavating and Petroleum of Pardeeville, Wisconsin properly cleaned and removed the USTs, piping, and dispensers. The USTs and piping were constructed of fiberglass material and appeared to be in good condition with no obvious indications of holes or leaks. Upon removal of the USTs groundwater was present within the excavation. No obvious sheen or product was observed on the groundwater within the excavation. No bottom samples were required due to the presence of groundwater within the excavation.

As part of the UST site assessment, 13 soil samples were collected from the sidewalls of the tank excavation at depths ranging from 5 to 6 feet below the ground surface (bgs); soil samples were also collected beneath the dispensers and piping at depths of 3 to 4 feet bgs. The tank and dispenser soil samples were collected from natural soils consisting of brown/reddish brown silt and clay, with some sand and gravel. Site Photographs are located in Appendix C. Sample locations are shown in Appendix B on the Site Plan Map.

A total of 13 soil samples were collected during the tank site assessment and analyzed by Synergy Laboratories, a State Certified Laboratory, for the presence of petroleum volatile

Underground Storage Tank Site Assessment Results  
3610 County Road N  
Town of Barnes, Bayfield County, Wisconsin

organic compounds (PVOCs) and naphthalene. Soil samples collected from the western dispenser at a depth of approximately 4 feet bgs indicated several PVOc compounds and naphthalene above the Wisconsin Administrative Code NR 720 soil to groundwater and direct contact Residual Contaminant Levels (RCLs), such as benzene 9300 micrograms per kilogram (ug/kg), ethylbenzene at 26400 ug/kg, naphthalene at 13400 ug/kg, toluene at 108000, total trimethylbenzenes at 104200, and total xylenes at 146000. In addition, benzene was detected beneath the center dispenser, the eastern dispenser and the eastern wall above the NR 720 soil to groundwater RCL at concentrations of 174 ug/kg, 181 ug/kg and 118 ug/kg, respectively. Other PVOc compounds were detected in samples collected but were below the NR 720 RCLs. Analytical results along with chain of custody documentation are included in Appendix D and are summarized on Table 1 in Appendix E.

A leaking underground storage tank activity (BRRTs Number 03-28-542497) was reviewed on the WDNR database. A notice of petroleum contamination was reported to the WDNR on February 16, 2005. The activity was closed with no continuing obligations on May 9, 2006. No further information was readily available on the database. Therefore, based on the samples collected during the tank site assessment it appears a release has occurred, primarily beneath the dispenser. It is recommended the WDNR be notified of a release.

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

- c: Schaper Excavating and Petroleum  
WDNR – Remediation and Redevelopment, South-central Region

**APPENDIX A**  
**TANK SYSTEM CLOSURE ASSESSMENT –**  
**PART A & PART B**



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 Boparal LLC	CONTACT NAME	TITLE
MAILING ADDRESS 905 E Main St	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Watertown	STATE ZIP WI 53094
TELEPHONE: ( ) -	E-MAIL	

**SITE INFORMATION**

**FACILITY NAME**  
Marathon

SITE ADDRESS (Not PO Box) 905 E. Main St	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Watertown	STATE ZIP WI 53094
---	--	-----------------------

**SERVICE CONTRACTOR INFORMATION**

**PRIMARY SERVICE CONTRACTOR** Section A Above  
Schaperclavaling & Petroleum LLC

STREET ADDRESS W4398 Cty E	<input type="checkbox"/> CITY <input checked="" type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Scott	TELEPHONE: (608) 429 - 2300	CELL: (608) 617 - 4812
		STATE ZIP WI 53054	

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

a	b	c	d	e	f	g	h
Tank ID #	Type of Closure <sup>1</sup>	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents <sup>2</sup>	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	If "Yes" to "g", Then Specify Source and Cause of Release <sup>3</sup>
						<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Source of Release <sup>3</sup> Cause of Release <sup>3</sup>
34787	P	FG	FG	10,000	UG	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
34735	P	FG	FG	8,000	UG	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
34692	P	FG	FG	8,000	UG	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
						<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

Part A Distribution: DATCP DNR Inspector Contractor Owner

**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**

1. Product removed.

- a. Product lines drained into tank (or other container) and liquid removed, and
- b. All product removed to bottom of suction line, OR
- c. All product removed to within 1" of bottom.

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<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.
- 3. All product lines at the islands or pumps located elsewhere are removed and capped, OR
- 4. Dispensers/pumps left in place but locked and power disconnected.
- 5. Vent lines left open.
- 6. Inventory form filed indicating temporarily out-of-service (TOS) closure

**D.2  CLOSURE BY REMOVAL OR IN-PLACE**

1. General Requirements

- a. Product from piping drained into tank (or other container).
- b. Piping disconnected from tank and removed.
- c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.
- d. All pump motors and suction hoses bonded to tank or otherwise grounded.
- e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.
- f. Vent lines left connected until tanks purged.
- g. Tank openings temporarily plugged so vapors exit through vent.
- h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" 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.
- b. Tank cleaned before being removed from site
- c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" 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
- e. Site security is provided while the excavation is open.

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Specific Closure-In-Place Requirements

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

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<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

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

All local permits were obtained before beginning service

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

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

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

**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.

Calorimetric 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.

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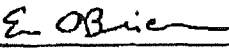
G. REMOVER/CLEANER INFORMATION

Richard Schaper		401583	9/19/2018
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

H. INSPECTOR INFORMATION

Erin O'Brien		402106	DATCP
INSPECTOR NAME (PRINT)	INSPECTOR SIGNATURE	INSPECTOR CERTIFICATION NO	LPO AGENCY #

2809	(920) 397-2273	10/1/18
FDID # FOR LOCATION WHERE INSPECTION PERFORMED	INSPECTOR TELEPHONE NUMBER	DATE SIGNED

INSPECTOR NOTES:

Distribution: DATCP DNR Inspector Contractor Owner

**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.

Marathon Station

SITE ADDRESS (Not PO Box) 905 E Main Street	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Watertown	STATE WI	ZIP 53094
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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 # 03-28-542497

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	40	30	11

**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 7 feet    b. Indicate type of geology<sup>2</sup> Silt/Clay

**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**

Soil Samples collected beneath dispenser 1 exhibited a strong petroleum odor. Water was present within the UST excavation. No obvious sheen or free product was observed on the water.

**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				
SS-1	DISPENSER 1 - WEST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	1327		
SS-2	PRODUCT LINE 1 & 2 (WEST)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0		
SS-3	DISPENSER 2 - CENTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	32		
SS-4	PRODUCT LINE 2 & 3 (EAST)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0		
SS-5	DISPENSER 3 - EAST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	71		
SS-6	N WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	64		
SS-7	E/NE WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	18		
SS-8	EAST WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	66		
SS-9	SOUTH WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0		
SS-10	W/SW WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
SS-11	NW WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
SS-12	WEST WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
SS-13	W/NW WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	10		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

**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
SS-1	9300	108000	26400	<250	104200	146000	13400
SS-2	<25	83	<25	<25	<67J	111	38J
SS-3	174	750	51	<36	<106	304	25.8J
SS-4	<25	<25	<25	<25	<50	<75	<25
SS-5	181	720	55	<25	<91.5J	306	60.6J
SS-6	<25	<25	<25	<25	<50	<75	<25
SS-7	<25	29.7J	<25	<25	<50	<75	<25
SS-8	118	330	<25	<25	<50	99	<25
SS-9	<25	<25	<25	<25	<50	<75	<25
SS-10	<25	<25	<25	<25	<50	<75	<25
SS-11	<25	<25	<25	<25	<50	<75	<25
SS-12	<25	<25	<25	<25	<50	<75	<25
SS-13	<25	27.2J	<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 Bradley



401232

TANK-SYSTEM SITE ASSESSOR NAME (PRINT):

TANK-SYSTEM SITE ASSESSOR SIGNATURE

CERTIFICATION NO.

(608) 742 - 2169

10/19/2018

General Engineering Company

TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER

DATE SIGNED

COMPANY NAME

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

Distribution: DATCP DNR Inspector Contractor Owner



**APPENDIX B**  
**SITE FIGURES/MAPS**



# REGIONAL SITE LOCATION MAP



## Legend

1.5                      0                      Distance / 2                      1.5                      Miles

1:47,520



NAD\_1983\_HARN\_Wisconsin\_TM

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>

**Note: Not all sites are mapped.**

## Notes

IMAKATION WATERTOWN WI

Write a description for your map.



WAKARUSA WATER TOWN WI

Write a description for your map.



3 TANKS UNLEADED GAS  
10,000-GALLON  
8,000-GALLON  
6,000-GALLON

**APPENDIX C**  
**SITE PHOTOGRAPHS**



PHOTOGRAPH OF THE ARE OF THE FORMER DISPENSERS AND CANOPY



8,000-GALLON UNLEADED GASOLINE UST  
PHOTOGRAPH OF DISPENSER AREA



PHOTOGRAPH OF THE WATER BENEATH 8,000-GALLON UST IN THE EXCAVATION



PHOTOGRAPH OF THE 2<sup>ND</sup> 8,000-GALLON UNLEADED GASOLINE UST



PHOTOGRAPH OF THE 10,000-GALLON UNLEADED GASOLINE UST



PHOTOGRAPH OF EXCAVATION AFTER THE 10,000-GALLON TANK REMOVAL



**APPENDIX D**  
**ANALYTICAL RESULTS AND**  
**CHAIN OF CUSTODY**

# 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 08-Oct-18

Project Name FMR MARATHON  
Project #

Invoice # E35257

Lab Code 5035257A  
Sample ID SS-1 DISP 1 W  
Sample Matrix Soil  
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.7	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	9.3	mg/kg	0.095	0.3	10	GRO95/8021		10/6/2018	CJR	1
Ethylbenzene	26.4	mg/kg	0.16	0.5	10	GRO95/8021		10/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.11	0.34	10	GRO95/8021		10/6/2018	CJR	1
Naphthalene	13.4	mg/kg	0.22	0.7	10	GRO95/8021		10/6/2018	CJR	1
Toluene	108	mg/kg	0.13	0.41	10	GRO95/8021		10/6/2018	CJR	1
1,2,4-Trimethylbenzene	80	mg/kg	0.19	0.6	10	GRO95/8021		10/6/2018	CJR	1
1,3,5-Trimethylbenzene	24.2	mg/kg	0.096	0.31	10	GRO95/8021		10/6/2018	CJR	1
m&p-Xylene	104	mg/kg	0.13	0.42	10	GRO95/8021		10/6/2018	CJR	1
o-Xylene	42	mg/kg	0.062	0.2	10	GRO95/8021		10/6/2018	CJR	1

**Project Name** FMR MARATHON  
**Project #**

**Invoice #** E35257

**Lab Code** 5035257B  
**Sample ID** SS-2 PROD LINE 1&2  
**Sample Matrix** Soil  
**Sample Date** 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
<b>General</b>										
<b>General</b>										
Solids Percent	78.7	%			1	5021		9/25/2018	NJC	1
<b>Organic</b>										
<b>PVOC + Naphthalene</b>										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	0.038 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.083	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	0.042 "J"	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	0.070	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	0.041	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

**Lab Code** 5035257C  
**Sample ID** SS-3 DISP 2 C  
**Sample Matrix** Soil  
**Sample Date** 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
<b>General</b>										
<b>General</b>										
Solids Percent	81.3	%			1	5021		9/25/2018	NJC	1
<b>Organic</b>										
<b>PVOC + Naphthalene</b>										
Benzene	0.174	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	0.051	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	0.0258 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.75	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	0.081	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	0.193	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	0.111	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

**Project Name** FMR MARATHON  
**Project #**

**Invoice #** E35257

**Lab Code** 5035257D  
**Sample ID** SS-4 PROD LINE 2&3  
**Sample Matrix** Soil  
**Sample Date** 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
<b>General</b>										
<b>General</b>										
Solids Percent	81.2	%			1	5021		9/25/2018	NJC	1
<b>Organic</b>										
<b>PVOC + Naphthalene</b>										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

**Lab Code** 5035257E  
**Sample ID** SS-5 DISP 3 E  
**Sample Matrix** Soil  
**Sample Date** 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
<b>General</b>										
<b>General</b>										
Solids Percent	79.3	%			1	5021		9/25/2018	NJC	1
<b>Organic</b>										
<b>PVOC + Naphthalene</b>										
Benzene	0.181	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	0.055	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	0.0306 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.72	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	0.062	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	0.0295 "J"	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	0.192	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	0.114	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Project Name FMR MARATHON

Invoice # E35257

Project #

Lab Code 5035257F

Sample ID SS-6 N WALL

Sample Matrix Soil

Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.8	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Lab Code 5035257G

Sample ID SS-7 E/NE WALL

Sample Matrix Soil

Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.5	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.0297 "J"	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Project Name FMR MARATHON

Invoice # E35257

Project #

Lab Code 5035257H

Sample ID SS-8 E WALL 6'

Sample Matrix Soil

Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.0	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.118	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.33	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	0.065	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	0.034	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Lab Code 5035257I

Sample ID SS-9 S WALL 7'

Sample Matrix Soil

Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.6	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

**Project Name** FMR MARATHON  
**Project #**

**Invoice #** E35257

**Lab Code** 5035257J  
**Sample ID** SS-10 W/SW WALL  
**Sample Matrix** Soil  
**Sample Date** 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
<b>General</b>										
General										
Solids Percent	86.8	%			1	5021		9/25/2018	NJC	1
<b>Organic</b>										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

**Lab Code** 5035257K  
**Sample ID** SS-11 NW WALL  
**Sample Matrix** Soil  
**Sample Date** 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
<b>General</b>										
General										
Solids Percent	89.3	%			1	5021		9/25/2018	NJC	1
<b>Organic</b>										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Project Name FMR MARATHON

Invoice # E35257

Project #

Lab Code 5035257L

Sample ID SS-12 W WALL

Sample Matrix Soil

Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.4	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/6/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/6/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/6/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/6/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/6/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/6/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/6/2018	CJR	1

Lab Code 5035257M

Sample ID SS-13 W/NW WALL

Sample Matrix Soil

Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.7	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.0272 "J"	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1



**Project Name** FMR MARATHON

**Invoice #** E35257

**Project #**

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

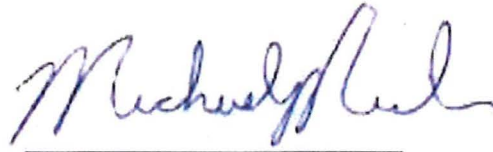
LOQ Limit of Quantitation

**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**



Michael J. Paul

## Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

**Sample Handling Request**

Rush Analysis Date Required \_\_\_\_\_  
(Rushes accepted only with prior authorization)  
Normal Turn Around \_\_\_\_\_

Lab I.D. # \_\_\_\_\_  
Account No. : \_\_\_\_\_ Quote No.: \_\_\_\_\_  
Project #: Schaefer Farms Marathon-Watertown  
Sampler: (signature) Dynn Bradley

Project (Name / Location): Former Marathon Watertown WI

Reports To: Dynn Bradley Invoice To: \_\_\_\_\_  
Company: General Engineering Company: GEC  
Address: 916 Silver Lake Dr Address: \_\_\_\_\_  
City State Zip: Portage WI 5340 City State Zip: SAME  
Phone: 608-742-2169 Phone: \_\_\_\_\_  
FAX: 608-742-2592 FAX: \_\_\_\_\_

Analysis Requested		Other Analysis												
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<u>503S257A</u>	<u>55-1 Disp 1 W</u>	<u>9/21</u>	<u>10:10</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>Methanol</u>
<u>B</u>	<u>55-2 Prod line 1+2</u>		<u>10:20</u>		<input checked="" type="checkbox"/>				
<u>C</u>	<u>55-3 Disp 2 C</u>		<u>10:30</u>		<input checked="" type="checkbox"/>				
<u>D</u>	<u>55-4 Prod line 2+3</u>		<u>10:35</u>		<input checked="" type="checkbox"/>				
<u>E</u>	<u>55-5 Disp 3 E</u>		<u>10:40</u>		<input checked="" type="checkbox"/>				
<u>F</u>	<u>55-6 N Wall</u>		<u>11:43</u>		<input checked="" type="checkbox"/>				
<u>G</u>	<u>55-7 E/W Wall</u>		<u>11:45</u>		<input checked="" type="checkbox"/>				
<u>H</u>	<u>55-8 E Wall 1</u>		<u>12:05</u>		<input checked="" type="checkbox"/>				
<u>I</u>	<u>55-9 S Wall 1</u>		<u>13:30</u>		<input checked="" type="checkbox"/>				
<u>J</u>	<u>55-10 W/SW Wall</u>		<u>13:45</u>		<input checked="" type="checkbox"/>				

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.

Method of Shipment: GC

Temp. of Temp. Blank \_\_\_\_\_ °C On lbs:

Cooler seal intact upon receipt:  Yes \_\_\_\_\_ No

Relinquished By: (sign) Dynn Bradley Time 9 Date 9/25/18

Received By: (sign) RIS GOLD CROSS Time 2:40 Date 9/25/18

Received in Laboratory By: Christopher P. Ryan Time: 8:40 Date: 9/25/18

## Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

### Sample Handling Request

Rush Analysis Date Required \_\_\_\_\_  
(Rushes accepted only with prior authorization)  
Normal Turn Around \_\_\_\_\_

Lab I.D. #	
Account No.:	Quote No.:
Project #: Schaper Forney Marathon	
Sampler: (signature)	

Project (Name / Location): Former Marathon - Watertown WI									Analysis Requested											Other Analysis								
Reports To: Lynn Bradley				Invoice To:					DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVCOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID					
Company: General Engineering				Company: GEC																								
Address: 916 Silver Lake Dr				Address:																								
City State Zip: Portage WI 53910				City State Zip: Same																								
Phone: 608-742-2169				Phone:																								
FAX: 608-742-2592				FAX:																								
Lab I.D.	Sample I.D.	Collection Date Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation																				
S035257k	S511 MW Wall	8/18/15		S	N	2	S	Method																				
L	S12 WW All	15:25		↓	↓	↓	↓	↓																				
M	S13 W/W/W/W	15:30		↓	↓	↓	↓	↓																				

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

<b>Sample Integrity - To be completed by receiving lab.</b> Method of Shipment: <u>GL</u> Temp. of Temp. Blank _____ °C On Ice: <input checked="" type="checkbox"/> Cooler seal intact upon receipt: <input checked="" type="checkbox"/> Yes _____ No	Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
				RLS 6-0 LD CRES	2:40	9-24
	Received in Laboratory By:				Time: 8:00	Date: 9/25/15

**APPENDIX E**

**TABLE**

**TABLE 1  
SOIL ANALYTICAL RESULTS TABLE  
FORMER MARATHON STATION - WATERTOWN WI  
GEC PROJECT # 2-0118-47J**

Sample No.	NR 720 Cancer RCL Non- Industrial	NR 720 Non- Industrial Direct Contact RCL	WDR Soil to Groundwater RCL	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13
				9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018
Sample Description				Disp 1 West	Product Line 1 & 2	Disp 2 C	Product Line 2 & 3	Disp 3 East	N Wall	E/NE Wall	E Wall	S Wall	W/SW Wall	NW Wall	W Wall	W/NW Wall
Sample Depth (feet)				3	3	3	3	3	6	7	6	7	7	7	7	7
Saturated/Unsaturated				U	U	U	U	U	U	U	U	U	U	U	U	U
<b>PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOCs) (ug/Kg)</b>																
Benzene	1600	1600	5.1	9300	<25	174	<25	181	<25	<25	118	<25	<25	<25	<25	<25
Ethylbenzene	8020	8020	1570	26400	<25	51	<25	55	<25	<25	<25	<25	<25	<25	<25	<25
Methyl tert-butyl ether	63800	63800	27	<250	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	5520	5520	658	13400	38J	25.8J	<25	30.6J	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	NE	818000	1107	108000	83	750	<25	720	<25	29.7J	330	<25	<25	<25	<25	27.2J
1,2,4-Trimethylbenzene	NE	219000		80000	42J	81	<25	62	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	NE	182000	1382	24200	<25	<25	<25	29.5J	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes, -m, -p																
Xylenes, -o	NE	260000	3960	146000	111	304	<75	306	<75	<75	99	<75	<75	<75	<75	<75

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