

From: Failey, Greg <gfailey@mitchellairport.com>
Sent: Monday, June 15, 2020 11:05 AM
To: Egan, Alice M - DNR
Subject: RE: tank system site assessment for 2 40,000-gallon fuel UST and one 550 gallon reclaim UST at 5300 S. Howell Avenue, Milwaukee

Alice,

DATCP approved of the abandon-in-place determination. The tanks were loaded with *Consolidated Low Strength Material (CLSM), flowable fill*.

Thank you.

From: Egan, Alice M - DNR <Alice.Egan@wisconsin.gov>
Sent: Friday, June 12, 2020 3:24 PM
To: Failey, Greg <gfailey@mitchellairport.com>
Subject: RE: tank system site assessment for 2 40,000-gallon fuel UST and one 550 gallon reclaim UST at 5300 S. Howell Avenue, Milwaukee

Hi Greg,
Did you get approval from DATCP to close the two tanks in place? And what were the tanks filled with it after pumping out the contents?

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Alice Egan

Hydrogeologist
Wisconsin Department of Natural Resources
Bureau for Remediation and Redevelopment
Phone: 414-940-9722 or 414-263-8626
alice.egan@wisconsin.gov



dnr.wi.gov



From: Egan, Alice M - DNR
Sent: Wednesday, May 27, 2020 4:45 PM
To: 'Failey, Greg' <gfailey@mitchellairport.com>
Subject: RE: tank system site assessment for 2 40,000-gallon fuel UST and one 550 gallon reclaim UST at 5300 S. Howell Avenue, Milwaukee

Thank you.

From: Failey, Greg <gfailey@mitchellairport.com>

Sent: Wednesday, May 27, 2020 11:25 AM

To: Egan, Alice M - DNR <Alice.Egan@wisconsin.gov>

Cc: Ehrengren, Erik G <eehrengren@burnsmcd.com>

Subject: tank system site assessment for 2 40,000-gallon fuel UST and one 550 gallon reclaim UST at 5300 S. Howell Avenue, Milwaukee

Alice,

Please find attached your requested site map detailing the location of the closed UST's. The two 40,000 gallon UST's are located directly between and adjacent to the two former LUST sites. Cross-contamination from either of the sites were a reasonable determination. Also a site map of the soil sample locations is also provided.

For any further questions or informational request please contact me.

Sincerely,
Greg Failey
General Mitchell Airport

From: Failey, Greg <gfailey@mitchellairport.com>
Sent: Wednesday, May 27, 2020 11:25 AM
To: Egan, Alice M - DNR
Cc: Ehrengren, Erik G
Subject: tank system site assessment for 2 40,000-gallon fuel UST and one 550 gallon reclaim UST at 5300 S. Howell Avenue, Milwaukee
Attachments: Figure - MKE Airside USTs.pdf; MKE Airport Soil Sample locations.pdf

Alice,

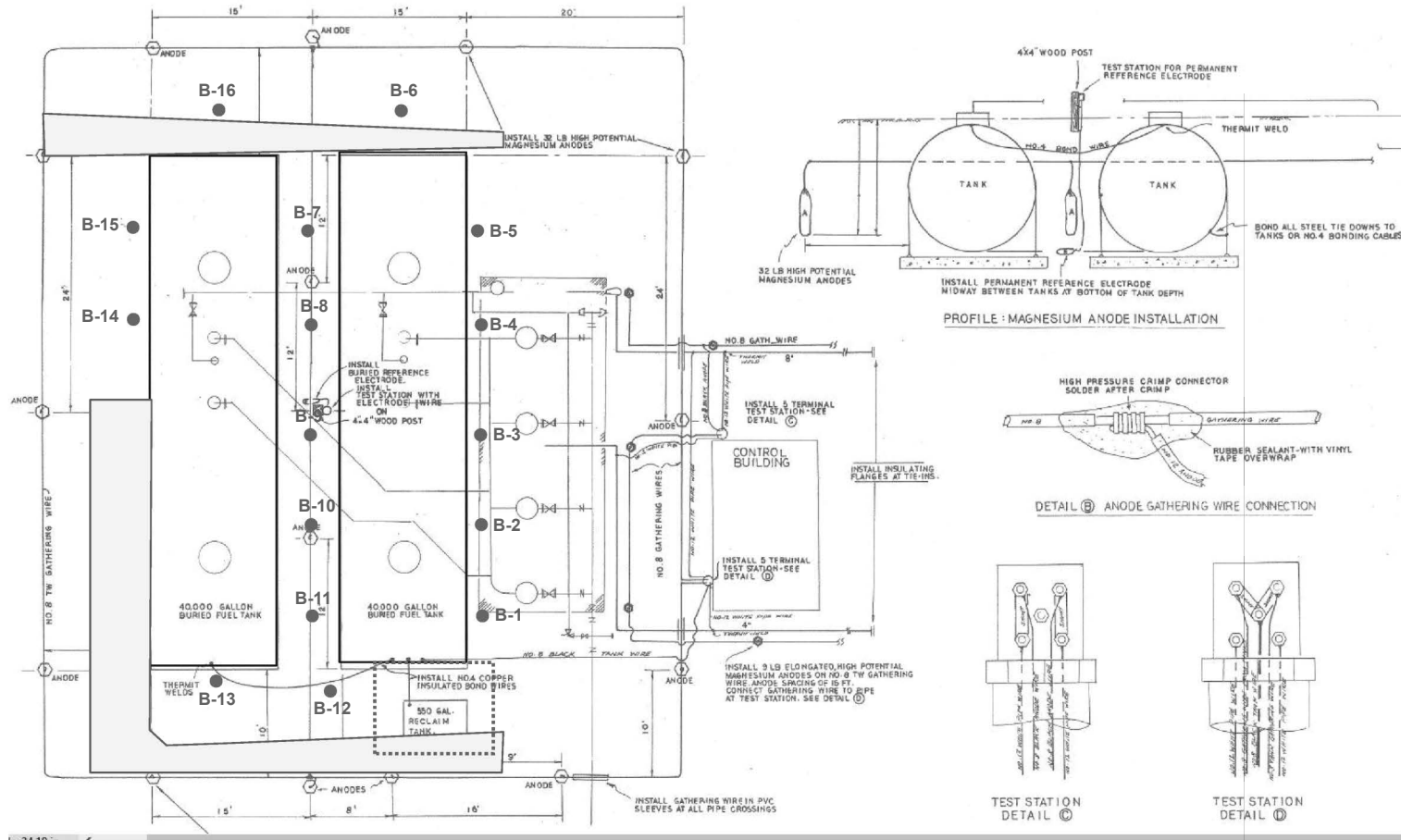
Please find attached your requested site map detailing the location of the closed UST's. The two 40,000 gallon UST's are located directly between and adjacent to the two former LUST sites. Cross-contamination from either of the sites were a reasonable determination. Also a site map of the soil sample locations is also provided.

For any further questions or informational request please contact me.

Sincerely,
Greg Failey
General Mitchell Airport



K:\Environmental Services\Plus\20070706 - General Mitchell Airport TSSA\05 - In Progress\MAKE Airport 2-40K US to Figure 1 - Mar 2020 Rev.mxd



DRAWING NOTES:
 1) TANK SYSTEM DRAWING WAS PROVIDED BY ENVIRONMENTAL SERVICES PLUS, LLC.
 2) SCALE IS APPROXIMATE AND IS SPECIFIC TO THE DRAWING PROVIDED.

UST REMOVAL NOTES:
 1) TWO USTS ARE 12 FEET BY 48 FEET.
 2) DEADMAN SLAB OVERLAPS EACH TANK BY 2 FEET.

LEGEND

- Sampling Locations
- Approximate Location of Utility Conduit Bank
- ▤ Approximate Location of Buried Concrete Slab at 7.0-ft below ground surface.

DRAWING SOURCE: CATHODIC PROTECTION ASSOCIATES - HYDRANT FUEL SYSTEM - GEN MITCHELL FIELD - MILWAUKEE, WI - CATHODIC PROTECTION INSTALLATION - 7/17/1984

Tank System Site Assessment - Sampling Plan
 General Mitchell Field
 Milwaukee, WI



**TANK SYSTEM SITE ASSESSMENT
 SAMPLE LOCATIONS CLOSURE IN-PLACE**

Environmental Services Plus, LLC

20000607

MARCH 2020

FIGURE 1



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

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

ATCP 93 NOTIFICATION RECORD

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

TO: Mr. John Yarcho *Email: JYARCHO@MILWAUKEE.GOV* OFFICE LOCATION: Milwaukee Dept. Neighborhood Services
 (Refer to https://datcp.wi.gov/Pages/Programs_Services/StorageTankContacts.aspx for a jurisdiction's authorized agent/department.)

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

LOCATION / IDENTIFICATION

SITE NAME General Mitchell International Airport		FACILITY NUMBER 414519	FIRE DEPT. PROVIDING FIRE PROTECTION COVERAGE Milwaukee Fire Dept. 4020			
SITE STREET ADDRESS 5300 S Howell Ave.		<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Milwaukee	STATE Wi	ZIP 53207	COUNTY Milwaukee	
OWNER NAME Milwaukee County		PHONE NUMBER (414) 747 - 5360	TANK OWNER EMAIL <i>gfails@milwaukeeairport.com</i>			
OWNER STREET ADDRESS 633 W Wisconsin Ave. Suite 1000		<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Milwaukee	STATE Wi	ZIP 54207-6106		
CONTRACTOR NAME Environmental Services Plus		PHONE NUMBER (920) 766 - 6756	CELL NUMBER (920) 740 - 3600	EMAIL jesse@environmentalservicesplus.com		
STREET ADDRESS P.O. Box 187		<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Kaukauna	STATE Wi	ZIP 54130		
DATE WORK IS TO BEGIN Feb. 10 2020	DATE/TIME REQUESTED FOR TANK INSPECTION Feb 12 will call and confirm	ATCP 93 CERTIFIED INSTALLER SUPERVISOR OR QUALIFIED ENGINEER Jesse F Rose # R/G 401475				

ORIGINAL

PROJECT WILL INVOLVE: (Check all that apply) Plan Approval No.: Approval Date:

	UST	AST	No. of Tanks	Comments:
Tank Installation	<input type="checkbox"/>	<input type="checkbox"/>		(2) 40,000-gallon Jet A
Dispenser POS Conversion	<input type="checkbox"/>	<input type="checkbox"/>		(1) 550-gallon Jet A waste
Piping Installation or Upgrade	<input type="checkbox"/>	<input type="checkbox"/>		<i>Permit NOT TANK 10-00076</i>
Leak Detection Upgrade	<input type="checkbox"/>	<input type="checkbox"/>		<i>DATE OF PERMIT: MARCH 18th 2019</i>
Spill or Overfill Protection	<input type="checkbox"/>	<input type="checkbox"/>		<i>CITY OF MILWAUKEE</i>
Cathodic Protection or Interior Lining	<input type="checkbox"/>	<input type="checkbox"/>		
CERCLA Chemical Tank(s) Only ¹	<input type="checkbox"/>	<input type="checkbox"/>		
Tank Closure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	<i>revised</i> (2) 40,000 UST CLOSED IN PLACE (1) 550 UST REMOVED 2-20-20
Alternative Fuel Storage Tank Installation ^{2,3,5} (see footnotes below)	<input type="checkbox"/>	<input type="checkbox"/>		
Alternative Fuel Storage Tank Conversion ^{4,5} (see footnotes below)	<input type="checkbox"/>	<input type="checkbox"/>		

E-MAILED
 1-27-20
John

¹Send Notice to DATCP (see address above). Installation inspection is not required if construction/installation is supervised by a qualified engineer.
²For LPO installations send notice to both the assigned LPO and DATCP General Inspection Inspector. DATCP General Inspection Inspector will be at the final inspection only. Alternative fuel storage tank systems shall not begin operation until the DATCP General Inspection Inspector has granted approval.
³For DATCP installation inspections send notice to only the assigned DATCP Installation Inspector. Alternative fuel storage tank systems shall not begin operation until the DATCP general inspector has granted approval.
⁴Send notice to only the DATCP General Inspection Inspector.
⁵See Conditional Approval letter and Notification email for Installation and general Inspector information.

For USTs: If an Owner/Operator intends to begin operation immediately after the final inspection, they shall prepare and submit the documentation listed below at least 15 days prior to the final inspection:

- A TR-WM-137 Underground Flammable/Combustible Liquid Storage Tank Registration.
- A Wisconsin Operator Training Designation form.
- Affidavit of Financial Responsibility, certificate of insurance, and site schedule of covered locations and storage tanks.

Site assessment conducted by: GEI consultants 3159 Voysner Dr. Green Bay WI



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

ORIGINAL

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 Milwaukee County	CONTACT NAME MR CRAIG BAILEY	TITLE
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MAILING ADDRESS 633 W Wisconsin Ave suite 1000	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Milwaukee	STATE WI	ZIP 53207
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TELEPHONE: (414) 747 - 5360	E-MAIL GFAILEY@mitchellairport.com
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SITE INFORMATION

FACILITY NAME
General Mitchell International Airport

SITE ADDRESS (Not PO Box) 5300 Howell Ave.	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Milwaukee	STATE WI	ZIP 53207
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SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above Environmental Services Plus	TELEPHONE: (920) 766 - 6756	CELL: (920) 740 - 3600
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STREET ADDRESS P. O. Box 187	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Kaukauna	STATE WI	ZIP 54130
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C. TANK SYSTEM DETAIL (Complete for all service activities)

a Tank ID #	b Type of Closure ¹	c Tank Material of Construction	d Piping Material of Construction	e Tank Capacity (gallons)	f Contents ²	g Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	h If "Yes" to "g", Then Specify Source and Cause of Release ⁵	
							Source of Release ³	Cause of Release ⁴
47161	p	s	s	550	WO AF	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
114904	cip	s	s	40,000	AF	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	UNK	UNK
114903	cip	s	s	40,000	AF	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	UNK	UNK
							<input type="checkbox"/> Yes <input type="checkbox"/> No	
							<input type="checkbox"/> Yes <input type="checkbox"/> No	
							<input type="checkbox"/> Yes <input type="checkbox"/> No	

1. Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place
2. 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):
AF
3. CAS number(s):
4. Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown
5. Cause of release:
S = spill, O = overflow, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown
6. 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>

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

1. General Requirements <i>U1550, W-0 SET A REMOVED 3-30-20</i>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" 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 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 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 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 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 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 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 type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
* 3. Specific Closure-In-Place Requirements <i>Q1 40,000 SET A UST'S</i>	<input checked="" 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 checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Vent line disconnected or removed.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Inventory form filed by owner with the DATCP indicating closure in-place.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" 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.

Distribution: DATCP DNR Inspector Contractor Owner

ORIGINAL

Revised 3-23-2020

G. REMOVER/CLEANER INFORMATION

Jesse F Rose

Jesse F Rose

401475

3/23/2020

REMOVER/CLEANER NAME (PRINT):

REMOVER/CLEANER SIGNATURE

CERTIFICATION #

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 GEI Consultants Inc. Green Bay Wi.

H. INSPECTOR INFORMATION

John Yarcho Phylascho

467298

INSPECTOR NAME (PRINT):

INSPECTOR SIGNATURE

INSPECTOR CERTIFICATION #

LPO AGENCY/COMPANY NAME

4020

(414)286-2842

4/9/2020

FDID # FOR LOCATION WHERE INSPECTION PERFORMED

INSPECTOR TELEPHONE:NUMBER

DATE SIGNED

INSPECTOR NOTES:

ORIGINAL

#114903

40, K USA (A)

TR-99A-137 (1/20) Formerly ERS 7437



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

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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? [X] Yes [] No If yes, are you correcting/updating information only? [X] Yes [] No

This registration applies to a [X] tank [X] piping status that is (check one):

- [] In Use [] Abandoned with Water [] Abandoned with Product
[] Newly Installed [] Closed - Removed [] Abandoned without Product (empty)
[] Temporarily Out of Service - Provide Date: [] Closed - Filled with Inert Materials [] Change of Site/Facility Address Only (complete boxes 1 a and b. below)
[] Ownership Change (Indicate new owner name in box 2 -- attach deed)

ORIGINAL

IDENTIFICATION (Please Print)
1. TANK SITE NAME: General Mitchell International Airport, COUNTY: Milwaukee, PHONE: (414) 747-5300
2. TANK OWNER LEGAL NAME: Milwaukee County, COUNTY: Milwaukee, PHONE: (414) 747-5300
3. PROPERTY OWNER NAME: Milwaukee County, COUNTY: Milwaukee
4. CLASS A NAME, 5. CLASS B NAME, 6. CLASS C NAME
SITE ID, FACILITY ID # 414519, CUSTOMER ID #
LAND OWNER TYPE: County
OCCUPANCY TYPE: Aviation
TANK CONSTRUCTION: Coated Steel
TANK CATHODIC PROTECTION: Sacrificial Anodes
TANK LEAK DETECTION METHOD: Automatic tank gauging
PIPING CONSTRUCTION: Single Wall
PIPING CATHODIC PROTECTION: Sacrificial Anodes
PRIMARY PIPING SYSTEM TYPE: Suction piping with check valve at pump and inspectable
TANK CONTENTS: Cement
TANK OWNER LEGAL NAME: Milwaukee County
TANK OWNER E-MAIL: gfailey@mitchellairport.com
TANK OWNER SIGNATURE: Greg J. Failey
DATE: 2-14-2020

Note: Refer to comments on reverse side of form.

11490A

40 K USA (B)

TR-WA-137 (1/20) Formerly ERS 7437



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

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UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

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Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.

A separate form is needed for each tank. Send each completed form to the agency designated above.

Have you previously registered this tank by submitting a form? Yes No If yes, are you correcting/updating information only? Yes No

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

- In Use
 - Newly Installed
 - Temporarily Out of Service - Provide Date:
 - Ownership Change (Indicate new owner name in box 2 - attach deed)
 - Abandoned with Product
 - Closed - Removed
 - Closed - Filled with Inert Materials
 - Abandoned with Product
 - Abandoned without Product (empty)
- Use of Site/Facility Address Only (complete boxes 1 a and b. below)

IDENTIFICATION (Please Print)

1. TANK SITE NAME: General Mitchell International Airport
 COUNTY: Milwaukee PHONE: (414) 747 - 5300
 a. CURRENT SITE STREET ADDRESS: 5300 Howell Ave
 CITY VILLAGE TOWN OF: Milwaukee STATE: WI ZIP: 53207
 b. PREVIOUS SITE STREET ADDRESS: CITY VILLAGE TOWN OF: STATE: ZIP:

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

2. TANK OWNER LEGAL NAME: Milwaukee County
 COUNTY: Milwaukee PHONE: Check CELL or LAND (414) 747 - 5360
 MAILING ADDRESS: 633 W Wisconsin Ave Suite 1000
 CITY VILLAGE TOWN OF: Milwaukee STATE: WI ZIP: 53207

3. PROPERTY OWNER NAME (if different from Tank Owner Legal Name #2):
 COUNTY (if different from County #2):
 PROPERTY OWNER ADDRESS (if different from Site Street Address #1):
 CITY VILLAGE TOWN OF: STATE: ZIP:

4. CLASS A NAME: DOB: CERTIFICATION (Attach certificate):
 5. CLASS B NAME: DOB: CERTIFICATION (Attach certificate):

SITE ID: FACILITY ID # 414519 CUSTOMER ID #:
 Tank Capacity (gallons): 40000 ID# 114904 Tank Age (age or date installed): 11/1/1995 Vehicle fueling: Yes No

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

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

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

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) (* = NOT PECFA eligible)
 Bio-Diesel: ___ % Hazardous Waste/Interface* Kerosene Fuel Oil Premix New Oil Gas-ethanol blend: ___ % Diesel
 Waste/Used Motor Oil Used for Heating Aviation Empty* Sand/Gravel/Slurry* Unknown
 Other (specify): Chemical* Name: CAS#

If Tank Closed, Abandoned or Out of Service: CLOSED 3-11-20 Has a site assessment been completed? (see reverse side for details) Yes No

TANK OWNER LEGAL NAME (please print): Milwaukee County TANK OWNER E-MAIL: gfailey@mitchellairport.com

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.): Sheryl J. Failey DATE: 2-14-2020

Note: Refer to comments on reverse side of form.

550 WASTE JET A



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
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 piping status that is (check one).

- In Use
- Newly installed
- Temporarily Out of Service - Provide Date:
- Ownership Change (Indicate new owner name in box 2 - attach deed)
- Abandoned with Water
- Closed - Removed
- Closed - Filled with Inert Materials
- Abandoned with Product
- Abandoned without Product
- Change of Site/Facility Address Only

ORIGINAL

IDENTIFICATION (Please Print)	
1. TANK SITE NAME General Mitchell International Airport	COUNTY Milwaukee
a. CURRENT SITE STREET ADDRESS 5300 Howell Ave	PHONE (414) 747 - 5300
b. PREVIOUS SITE STREET ADDRESS	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF STATE: WI ZIP: 53207
Fire Dept. providing fire coverage where tank is located: <input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE of:	<input type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF STATE: WI ZIP:
2. TANK OWNER LEGAL NAME Milwaukee County	COUNTY Milwaukee
MAILING ADDRESS 633 W Wisconsin Ave Suite 1000	PHONE: Check <input type="checkbox"/> CELL or <input checked="" type="checkbox"/> LAND (414) 747 - 5360
3. PROPERTY OWNER NAME (if different from Tank Owner Legal Name #2)	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF STATE: WI ZIP: 53207
PROPERTY OWNER ADDRESS (if different from Site Street Address #1)	COUNTY (if different from County #2) <input type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF STATE: WI ZIP:
4. CLASS A NAME	DOB
5. CLASS B NAME	DOB
CERTIFICATION: (Attach certificate)	CERTIFICATION: (Attach certificate)
SITE ID: Tank Capacity (gallons) 550 Id#47161	FACILITY ID # 414519
LAND OWNER TYPE (Refer to back, check one) <input checked="" type="checkbox"/> County <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Leased <input type="checkbox"/> Federal Owned <input type="checkbox"/> Tribal Nation <input type="checkbox"/> Municipal <input type="checkbox"/> Other Government <input type="checkbox"/> Private	Tank Age (age or date installed): 11/1/1985
OCCUPANCY TYPE (check one) Refer to back <input type="checkbox"/> Retail Fuel Sales <input type="checkbox"/> Mercantile/Commercial <input type="checkbox"/> Bulk Storage <input type="checkbox"/> Terminal Storage <input type="checkbox"/> Industrial <input type="checkbox"/> Residential <input type="checkbox"/> School <input type="checkbox"/> Government Fleet <input type="checkbox"/> Agricultural (crop or livestock production) <input type="checkbox"/> Utility <input type="checkbox"/> Backup or Emergency Generator <input checked="" type="checkbox"/> Other (specify): Aviation	Vehicle fueling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TANK CONSTRUCTION: <input type="checkbox"/> Bare Steel <input checked="" type="checkbox"/> Coated Steel <input type="checkbox"/> Steel - Fiberglass Reinforced Plastic Composite <input type="checkbox"/> Fiberglass <input type="checkbox"/> Unknown <input type="checkbox"/> Other (specify): <input type="checkbox"/> Lined (date).	Overfill Protection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Spill Containment? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Tank Double Walled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TANK CATHODIC PROTECTION: <input type="checkbox"/> Sacrificial Anodes <input type="checkbox"/> Impressed Current <input type="checkbox"/> N/A	
TANK LEAK DETECTION METHOD: <input type="checkbox"/> Automatic tank gauging <input type="checkbox"/> Interstitial monitoring - 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 checked="" type="checkbox"/> Single Wall <input type="checkbox"/> Double Wall <input type="checkbox"/> Bare Steel <input checked="" type="checkbox"/> Coated Steel <input type="checkbox"/> Fiberglass <input 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 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 - 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 type="checkbox"/> Not required <input type="checkbox"/> Unknown	
TANK CONTENTS Current, or previous product (if tank now empty) (* = NOT PECFA eligible) <input type="checkbox"/> Bio-Diesel: ___ % <input type="checkbox"/> Hazardous Waste/Interface* <input type="checkbox"/> Kerosene <input type="checkbox"/> Fuel Oil <input type="checkbox"/> Premix <input type="checkbox"/> New Oil <input type="checkbox"/> Gas-ethanol blend: ___ % <input type="checkbox"/> Diesel <input checked="" type="checkbox"/> Waste/Used Motor Oil <input type="checkbox"/> Used for Heating <input checked="" type="checkbox"/> Aviation <input type="checkbox"/> Empty* <input type="checkbox"/> Sand/Gravel/Slurry* <input type="checkbox"/> Unknown <input type="checkbox"/> Other (specify): <input type="checkbox"/> Chemical* Name	CASE#
If Tank Closed, Abandoned or Out of Service: <input checked="" type="checkbox"/> CLOSED <input type="checkbox"/> A-11-RD	Has a site assessment been completed? (see reverse side for details) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
TANK OWNER LEGAL NAME (please print) Milwaukee County	TANK OWNER E-MAIL gfailey@mitchellairport.com
TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) Greg J. Failey	DATE: 2-14-2020

Note: Refer to comments on reverse side of form.

Definitions and explanations for completing this form

Land Owner Type - classifies the organization that owns the property the tank is located on. A "Private" landowner is residential, commercial, mercantile, industrial, farm, non-government owned public utility, or other business organization.

Occupancy Type (categories below) – identifies the occupancy in relation to ATCP 93 storage classifications.

Retail Fuel Sales	Tank is used to store any fuel product that is offered for sale in the retail market.
Bulk Plant Storage	Tank is used to store any fuel product that is offered for sale in the wholesale market.
Industrial	Tank is used to store any regulated product associated with an industrial: fleet, heating, industrial fabricating, manufacturing, processing or refining.
Mercantile/Commercial	Tank is used to store any regulated product associated with a commercial business fleet, heating, or processing, e.g., service company, medical facility, freight, airport, apartment, etc.
Utility	Tank is used to store any regulated product associated with a public or private water or power utility fleet, heating, or processing.
Residential	Tank is used to store any regulated product for residential heating or residential automobile fueling.
School	Tank is used to store any regulated product at public or private primary, secondary or higher educational institution.
Agricultural	Tank is used to store any regulated product directly associated with crop or livestock production, meaning a "farm." Refer to ATCP 93.050(48)
Back-up or Emergency Generator	Tank is used to store any fuel used to power a backup or emergency generator, or as back-up to a primary fuel source such as fuel oil back-up to a natural gas fired boiler.
Terminal Storage	Tank is associated with a distribution facility such as an interstate pipeline. These tanks are typically field erected structures of 500,000 + gallon capacity. A million gallon tank at an ethanol production site would be "industrial," not "terminal storage."
Government Fleet	Tank is located at a facility owned and operated by a federal, state, county or local government entity. The tank may be used for vehicle fueling, waste oil or heating purposes.

DATCP UST/AST Permit and Registration Group Areas of Responsibility by County

Terri L. Maus - West <i>TerriL.maus@wisconsin.gov</i> 608-224-5157				Terri Lovicott - North East <i>Theresa.lovicott@wisconsin.gov</i> 608-224-5154		Israel Zurfluh - Central <i>Israel.zurfluh@wisconsin.gov</i> 608-224-5152		Gwen Person - South East <i>Gwendolyn.person@wi.gov</i> 608-224-5153	
02	Ashland	46	Pepin	05	Brown	01	Adams	30	Kenosha
03	Barron	47	Pierce	10	Clark	08	Calumet	40	Milwaukee
04	Bayfield	48	Polk	15	Door	11	Columbia	51	Racine
06	Buffalo	50	Price	19	Florence	13	Dane	53	Rock
07	Burnett	52	Richland	21	Forest	14	Dodge	64	Walworth
09	Chippewa	54	Rusk	31	Kewaunee	20	Fond Du Lac	67	Waukesha
12	Crawford	55	St Croix	34	Langlade	24	Green Lake		
16	Douglas	57	Sawyer	35	Lincoln	28	Jefferson		
17	Dunn	60	Taylor	37	Marathon	36	Manitowoc		
18	Eau Claire	61	Trempealeau	38	Marinette	39	Marquette		
22	Grant	62	Vernon	42	Oconto	45	Ozaukee		
23	Green	65	Washburn	43	Oneida	56	Sauk		
25	Iowa			44	Outagamie	59	Sheboygan		
26	Iron			49	Portage	66	Washington		
27	Jackson			58	Shawano	69	Waushara		
29	Juneau			63	Vilas	70	Winnebago		
32	La Crosse			68	Waupaca				
33	Lafayette			71	Wood				
41	Monroe			72	Menominee				

CLOSURE ASSESSMENT INFORMATION

Requirements for a site assessment at the closure or change in service for ATCP 93 regulated underground storage tank are outlined in ATCP 93.560 and the Federal Register, 40 CFR 280 and 281.

Closure site assessments (TSSA Form Part B) are to be submitted to the DNR as required in the TSSA Guide:

http://datcp.wi.gov/Consumer/Weights_and_Measures/Storage_Tank_Regulations/index.aspx

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

4E * 72

To go back to your search results please click the back arrow in the above Toolbar

Tank Details

Site Info	Site and Owner	Owner
Facility ID: 414519	County & Municipality Milwaukee County	Milwaukee County *
Gen Mitchell International Airport	City of Milwaukee	633 W Wisconsin Ave Ste 1000
5300 S Howell Ave	Fire Dept ID: 4020	Milwaukee
Milwaukee	Dispenser Has Sumps: N	WI 53203-1918
Site Anniversary Date: September 28		

Underground Storage Tank - ID: 47161, WANG ID: , In Use, PTO Expiration: 2020-09-28

Install Date:	01/01/1986	Capacity In Gallons:	550	Contents:	Waste/Used Motor Oil
Tank Occupancy:	Mercantile/Commercial	Marketer:	N	CAS Number	
Federally Regulated:	Yes	Spill Protection:	Installed	Overfill Protection:	Installed
Overfill Prot Type:	Alarm	Containment Sump Installed:	N	Lining Inspected Date:	
Corrosion Protect Type:	Impressed Current	Date Of Lining:		Underground Piping:	N
Leak Detection:	Manual Tank Gauging	Wall Type:	Single		
Leak Test Method:	Monthly Monitoring				
Construction Material:	Coated Steel				

PIPING -

Flex Connectors:	UST Mainfolded:	Related Tank ID:
Type:	Aboveground Piping: N	Aboveground Pipe Cons:
Construction Material:	Corrosion Protect Type:	Leak Detection:
Catastrophic Leak Detection:		Leak Test Method:
		Pipe Wall Type:
		Piping System Type:


Inspection Test Dates

Test Type	Test Date	Test Expire Date
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Inspections

Facilityid	Inspection Type	Inspection Date
414519	Annual	06/02/2016
414519	Annual	02/14/2018
414519	Annual	11/19/2019

TANK B

To go back to your search results please click the back arrow  in the above Toolbar

Tank Details

Site Info	Site and Owner County & Municipality	Owner
Facility ID: 414519	Milwaukee County	Milwaukee County *
Gen Mitchell International Airport	City of Milwaukee	633 W Wisconsin Ave Ste 1000
5300 S Howell Ave	Fire Dept ID: 4020	Milwaukee
Milwaukee	Dispenser Has Sumps: N	WI 53207-6106
Site Anniversary Date: September 28		

12' x 50'

Underground Storage Tank - ID: 114904, WANG ID: 402005565, In Use, PTO Expiration: 2019-09-28

Install Date:	11/01/1985	Capacity In Gallons:	40,000	Contents:	Aviation Fuel
Tank Occupancy:	Government	Marketer:	N	CAS Number	
Federally Regulated:	Yes	Spill Protection:	Installed	Overfill Protection:	Installed
Overfill Prot Type:	90alm95auto	Containment Sump Installed:	Y	Lining Inspected Date:	
Corrosion Protect Type:	Sacrificial Anodes	Date Of Lining:		Underground Piping:	Y
Leak Detection:	Automatic Tank Gauge	Wall Type:	Single		
Leak Test Method:	Monthly Monitoring				
Construction Material:	Coated Steel				

PIPING - In Use

Flex Connectors:	N	UST Mainfolded:	N	Related Tank ID:	214231
Type:	Piping (Storage Tank)	Aboveground Piping:	N	Aboveground Pipe Cons:	
Construction Material:	Coated Steel	Corrosion Protect Type:	Sacrificial Anodes	Leak Detection:	Not Required
Catastrophic Leak Detection:				Leak Test Method:	
				Pipe Wall Type:	Single
				Piping System Type:	Safe Suction

Inspection Test Dates

Test Type	Test Date	Test Expire Date
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Inspections

FacilityId	Inspection Type	Inspection Date
414519	Annual	06/02/2016
414519	Annual	02/14/2018

TANK 1A

To go back to your search results please click the back arrow in the above Toolbar

Tank Details

Site Info	Site and Owner	Owner
Facility ID: 414519	County & Municipality	Milwaukee County*
Gen Mitchell International Airport	Milwaukee County	633 W Wisconsin Ave Ste 1000
5300 S Howell Ave	City of Milwaukee	Milwaukee
Milwaukee	Fire Dept ID: 4020	WI 53207-6106
Site Anniversary Date: September 28	Dispenser Has Sumps: N	

Underground Storage Tank - ID: 114903, WANG ID: 402005564, In Use, PTO Expiration: 2019-09-28

Install Date:	11/01/1985	Capacity In Gallons:	40,000	Contents:	Aviation Fuel
Tank Occupancy:	Government	Marketer:	N	CAS Number	
Federally Regulated:	Yes	Spill Protection:	Installed	Overfill Protection:	Installed
Overfill Prot Type:	90alm95auto	Containment Sump Installed:	Y	Lining Inspected Date:	
Corrosion Protect Type:	Impressed Current	Date Of Lining:		Underground Piping:	Y
Leak Detection:	Automatic Tank Gauge	Wall Type:	Single		
Leak Test Method:	Monthly Monitoring				
Construction Material:	Bare Steel				

PIPING - In Use

Flex Connectors:	N	UST Mainfolded:	N	Related Tank ID:	214230
Type:	Piping (Storage Tank)	Aboveground Piping:	N	Aboveground Pipe Cons:	
Construction Material:	Coated Steel	Corrosion Protect Type:	Sacrificial Anodes	Leak Detection:	Not Required
Catastrophic Leak Detection:				Leak Test Method:	
				Pipe Wall Type:	Single
				Piping System Type:	Safe Suction

Inspection Test Dates

Test Type	Test Date	Test Expire Date
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Inspections

FacilityId	Inspection Type	Inspection Date
414519	Annual	06/02/2016
414519	Annual	02/14/2018

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: General Mitchell Airport - Hydrant Fuel System

Address: 5300 S. Howell Avenue, Milwaukee, Wisconsin 53207

Note: Site name and address must match with Part A Section 1.

To determine if a TSSA is required, see Comm 10 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 DSPS # _____, or DNR BRRT's # 03-41-098832 & 03-41-113042.

b. Number of active tanks¹ at facility prior to completion of current services USTs 3 ASTs 2.

(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
2-40,000 gallon JET A USTs	Closed in place - no excavation		
1-550 gallon Reclaim Tank (UST)	6-ft	4-ft	6-ft

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: Y N b. Petroleum odor: Y N c. Water In excavation/trench: Y N

d. Free product in the excavation/trench: Y N e. Sheen or free product on water: Y N

3. Geology/Hydrogeology

a. Depth to groundwater approx. 8-10.-ft feet b. Indicate type of geology² Crushed stone fill over silty clays w/sand seams

(Note 2: Use these symbols individually or in combination as appropriate: C = Clay, SLT = Silt, S = Sand, Gr = Gravel)

4. Receptors

a. Water supply well(s) within 250 feet of the facility? Y N If yes, specify _____

b. Surface water(s) within 1000 feet of the facility? Y N 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

The underground storage tank (UST) system was closed in-place due to the close proximity of utility infrastructure critical for major airport operations. Crushed stone fill was observed in the vicinity of the USTs to a depth of 18-feet below ground surface. The 550-gallon reclaim UST was wholly surrounded by crushed stone fill during removal. It was determined that the most practicable means of collecting soil closure samples from the native soil was with a hydraulic push sampler, which collected soil below the crushed stone materials.

No obvious leaks were observed during cleaning and proper abandonment of the USTs. The USTs appeared in good condition.

Although laboratory and field evidence indicate low-levels of petroleum-related impacts are present in the subsurface, it is reasonable to conclude that these impacts are an artifact from the previously closed cases 03-41-098832 & 03-41-113042, which were closed with groundwater petroleum impacts remaining in place.

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				
*	*See Attached Sheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
		<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
* See	attached	sheet					

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

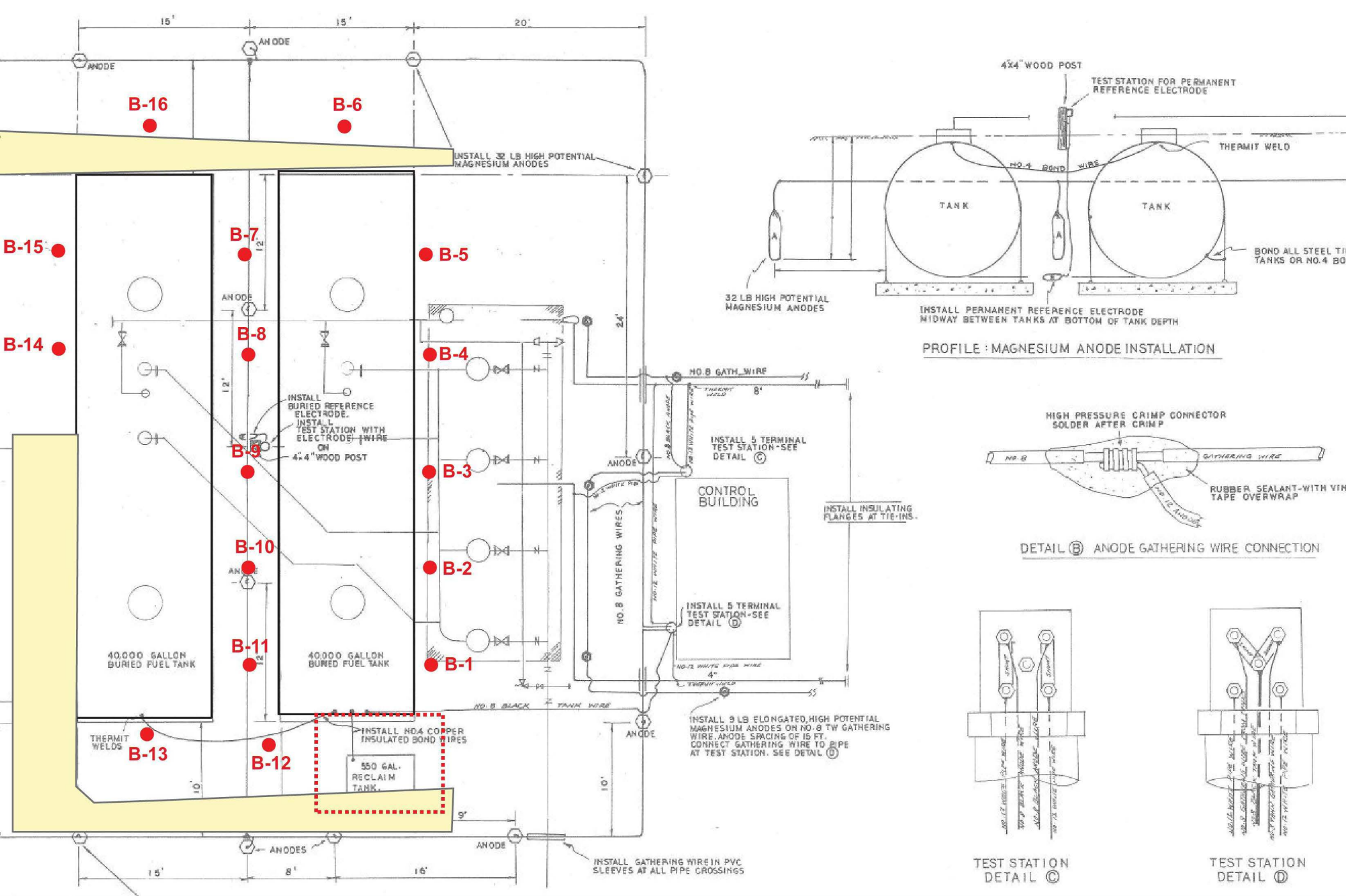
As a tank-system site assessor certified under Wis. Admin. Code section Comm 5.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.

Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section Comm 10.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter Comm 10 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 101.09 (5). Each day of continued violation and each tank are treated as separate offenses.

Paul M. Garvey
 Tank-System Site Assessor Name (print)
(920) 455-8200
 Tank-System Site Assessor Telephone Number


 Tank-System Site Assessor Signature
3/18/2020
 Date Signed

401185
 Certification Number #
GEI Consultants, Inc.
 Company Name



DRAWING SOURCE: CATHODIC PROTECTION ASSOCIATES - HYDRANT FUEL SYSTEM - GEN MITCHELL FIELD - MILWAUKEE, WI - CATHO


LEGEND


Tank System Site Assessment - Sampling Plan



TANK SYSTEM

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 1	DATE: March, 2020	PROJECT NO: 2000706	CLIENT: Environmental Services Plus
DIRECTION: S	SITE LOCATION: General Mitchell Airport, Milwaukee, Wisconsin		
DESCRIPTION: Looking south at the UST locations beneath the crushed stone. USTs were closed in place.			

PHOTOGRAPH NO: 2	DATE: March, 2020	PROJECT NO: 2000706	CLIENT: Environmental Services Plus
DIRECTION: N	SITE LOCATION: General Mitchell Airport, Milwaukee, Wisconsin		
DESCRIPTION: Looking at collection of soil closure samples using hydraulic push sampling techniques. Samples were collected on the perimeter of the UST locations as shown on Figure 1.			

Synergy Environmental Lab, INC

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

PAUL GARVEY
GEI CONSULTANTS, INC.
3159 VOYAGER DRIVE
GREEN BAY, WI 54311

Report Date 16-Mar-20

Project Name MKE
Project #

Invoice # E37603

Lab Code 5037603A
Sample ID B-1 20-23
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.4	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/11/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/11/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/11/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/11/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/11/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/11/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/11/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1

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Invoice # E37603

Lab Code 5037603B
Sample ID B-2 19-23
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.4	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/11/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/11/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/11/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/11/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/11/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/11/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/11/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1

Lab Code 5037603C
Sample ID B-3 18-22
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.7	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.05	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/11/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/11/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/11/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/11/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/11/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/11/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/11/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1

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Invoice # E37603

Lab Code 5037603D
Sample ID B-4 18-22
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.1	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.059	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1
Ethylbenzene	0.056	mg/kg	0.017	0.055	1	GRO95/8021		3/11/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/11/2020	CJR	1
Naphthalene	0.055 "J"	mg/kg	0.021	0.067	1	GRO95/8021		3/11/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/11/2020	CJR	1
1,2,4-Trimethylbenzene	0.048 "J"	mg/kg	0.019	0.059	1	GRO95/8021		3/11/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/11/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/11/2020	CJR	1
o-Xylene	0.0291 "J"	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1

Lab Code 5037603E
Sample ID B-5 18-22
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.4	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/11/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/11/2020	CJR	1
Naphthalene	0.153	mg/kg	0.021	0.067	1	GRO95/8021		3/11/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/11/2020	CJR	1
1,2,4-Trimethylbenzene	0.209	mg/kg	0.019	0.059	1	GRO95/8021		3/11/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/11/2020	CJR	1
m&p-Xylene	0.082 "J"	mg/kg	0.053	0.17	1	GRO95/8021		3/11/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/11/2020	CJR	1

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Invoice # E37603

Lab Code 5037603F
Sample ID B-6 18-22
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.6	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/12/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/12/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/12/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/12/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/12/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/12/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/12/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1

Lab Code 5037603G
Sample ID B-7 18-22
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.6	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/12/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/12/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/12/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/12/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/12/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/12/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/12/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1

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Invoice # E37603

Lab Code 5037603H
Sample ID B-8 18-22
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.6	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/12/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/12/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/12/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/12/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/12/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/12/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/12/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1

Lab Code 5037603I
Sample ID B-9 18-22
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.1	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/12/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/12/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/12/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/12/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/12/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/12/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/12/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1

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Invoice # E37603

Lab Code 5037603J
Sample ID B-10 18-22
Sample Matrix Soil
Sample Date 3/9/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.2	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/12/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/12/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/12/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/12/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/12/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/12/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/12/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/12/2020	CJR	1

Lab Code 5037603K
Sample ID B-11 18-22
Sample Matrix Soil
Sample Date 3/10/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.1	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1
Ethylbenzene	0.291	mg/kg	0.017	0.055	1	GRO95/8021		3/13/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/13/2020	CJR	1
Naphthalene	0.089	mg/kg	0.021	0.067	1	GRO95/8021		3/13/2020	CJR	1
Toluene	0.035 "J"	mg/kg	0.015	0.049	1	GRO95/8021		3/13/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/13/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/13/2020	CJR	1
m&p-Xylene	0.092 "J"	mg/kg	0.053	0.17	1	GRO95/8021		3/13/2020	CJR	1
o-Xylene	0.114	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1

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Invoice # E37603

Lab Code 5037603L
Sample ID B-12 18-22
Sample Matrix Soil
Sample Date 3/10/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.6	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/13/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/13/2020	CJR	1
Naphthalene	0.069	mg/kg	0.021	0.067	1	GRO95/8021		3/13/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/13/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/13/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/13/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/13/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1

Lab Code 5037603M
Sample ID B-13 18-22
Sample Matrix Soil
Sample Date 3/10/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.7	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.0297 "J"	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/13/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/13/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/13/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/13/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/13/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/13/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/13/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1

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Invoice # E37603

Lab Code 5037603N
Sample ID B-14 18-22
Sample Matrix Soil
Sample Date 3/10/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.3	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.056	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/13/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/13/2020	CJR	1
Naphthalene	0.084	mg/kg	0.021	0.067	1	GRO95/8021		3/13/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/13/2020	CJR	1
1,2,4-Trimethylbenzene	0.037 "J"	mg/kg	0.019	0.059	1	GRO95/8021		3/13/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/13/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/13/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1

Lab Code 5037603O
Sample ID B-15 18-22
Sample Matrix Soil
Sample Date 3/10/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.0	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.042 "J"	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		3/13/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/13/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		3/13/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/13/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		3/13/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/13/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/13/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1

Project Name MKE
Project #

Invoice # E37603

Lab Code 5037603P
Sample ID B-16 18-22
Sample Matrix Soil
Sample Date 3/10/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.0	%			1	5021		3/11/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.0301 "J"	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	CJR	1
Ethylbenzene	0.041 "J"	mg/kg	0.017	0.055	1	GRO95/8021		3/13/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		3/13/2020	CJR	1
Naphthalene	0.061 "J"	mg/kg	0.021	0.067	1	GRO95/8021		3/13/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		3/13/2020	CJR	1
1,2,4-Trimethylbenzene	0.0283 "J"	mg/kg	0.019	0.059	1	GRO95/8021		3/13/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		3/13/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		3/13/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		3/13/2020	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

Please Print Clearly)

UPPER MIDWEST REGION

Page 1 of 1

MN: 612-607-1700 WI: 920-469-2436



Company Name: GEL Consultants
Branch/Location: GBW
Project Contact: Paul Garvey
Phone: 920 883 1710
Project Number:
Project Name: MKE
Project State: WI
Sampled By (Print): Paul Garvey
Sampled By (Sign): Paul M. Lyons
PO #:
Regulatory Program:

CHAIN OF CUSTODY

***Preservation Codes**
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
PRESERVATION
(CODE)*

Y / N	Pick Letter	Analysis Requested	Matrix	DATE	TIME	MATRIX	
		PVC + naphthalene					

Quote #: \$30.00
Mail To Contact:
Mail To Company:
Mail To Address:
Invoice To Contact:
Invoice To Company:
Invoice To Address:
Invoice To Phone:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
A = Air W = Water
B = Biota DW = Drinking Water
C = Charcoal GW = Ground Water
O = Oil SW = Surface Water
S = Soil WW = Waste Water
SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	TIME	MATRIX
7603A	B-1, 20-23	3-9-20	0937	S
B	B-2, 19-23		0956	
C	B-3, 18-22		1020	
D	B-4, 18-22		1100	
E	B-5, 18-22		1120	
F	B-6, 18-22		1200	
G	B-7, 18-22		1300	
H	B-8, 18-22		1330	
I	B-9, 18-22		1350	
J	B-10, 18-22		1430	
k	B-11, 18-22	3-10-20	0750	
L	B-12, 18-22		0845	
M	B-13, 18-22		0905	

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: _____

Relinquished By: Paul M. Lyons 3-10-20 1050
Received By: Paul M. Lyons 1050

Transmit Prelim Rush Results by (complete what you want):

Email #1: _____
Email #2: _____
Telephone: _____
Fax: _____

Samples on HOLD are subject to special pricing and release of liability

PACE Project No.

Receipt Temp = _____ °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Please Print Clearly)

UPPER MIDWEST REGION

Page 1 of

MN: 612-607-1700 WI: 920-469-2436



Company Name: **GEI Consultants**
 Branch/Location: **GBW**
 Project Contact: **Paul Garvey**
 Phone: **920 883 1710**
 Project Number:
 Project Name: **MKE**
 Project State: **WI**
 Sampled By (Print): **Paul Garvey**
 Sampled By (Sign): *Paul M. Garvey*
 PO #:
 Regulatory Program:

CHAIN OF CUSTODY

*Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y / N	Pick Letter	Analyses Requested																
		Pvoc + naphthalene																

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address:
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y / N	Pick Letter	Analyses Requested
		DATE	TIME				
7603N	B-14, 18-22	3-10-20	0935	S			X
	B-15, 18-22	↓	1005	S			X
	B-16, 18-22	↓	1030	S			X

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:

Relinquished By: *Paul M. Garvey* Date/Time: **3-10-20 1050**
 Received By: *John A. Rose* Date/Time: **10/50**

Transmit Prelim Rush Results by (complete what you want):

Relinquished By: Date/Time: Received By: Date/Time:

Relinquished By: Date/Time: Received By: Date/Time:

Relinquished By: Date/Time: Received By: *John A. Rose* Date/Time: **3-10-20 1:00 PM**

PACE Project No.
 Receipt Temp = °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact