

Lauridsen, Keld B - DNR

From: Jeremiah P. Johnson <JPJohnson@Geosyntec.com>
Sent: Monday, February 13, 2023 11:13 AM
To: Lauridsen, Keld B - DNR
Subject: RE: BRRTS #03-05-001843 - PCM Request - additional information
Attachments: PES - WPS Green Bay Site Assessment Report.pdf

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Hi Keld,
Attached is Site Assessment Report prepared by Bay Environmental for the UST removal. Part B is included as Appendix D.
Please let me know if you have any additional questions.
Thanks,
Jeremiah

Jeremiah P. Johnson, P.G.

Senior Geologist
(Licensed PG in WI)

Geosyntec Consultants

10600 N. Port Washington Road, Suite 100
Mequon, WI 53092
Direct Dial Office Phone: 262.834.0228
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From: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>
Sent: Friday, February 10, 2023 3:57 PM
To: Jeremiah P. Johnson <JPJohnson@Geosyntec.com>
Subject: RE: BRRTS #03-05-001843 - PCM Request - additional information

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Thanks for getting back to me so quickly Jeremiah.

Do you know if any soil samples were collected as part of the TSSA? I see a note that Bay Environmental Strategies was going to do the assessment. That information would commonly be included on part B of the form which is not included as part of the documentation you sent to me.

Hope you have a good weekend as well.

-Keld

We are committed to service excellence.

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

Keld B. Lauridsen

Phone: (920) 510 8294

Keld.Lauridsen@wisconsin.gov

From: Jeremiah P. Johnson <JPJohnson@Geosyntec.com>

Sent: Friday, February 10, 2023 3:32 PM

To: Lauridsen, Keld B - DNR <Keld.Lauridsen@wisconsin.gov>

Cc: Dombrowski, Frank J <frank.dombrowski@wecenergygroup.com>

Subject: BRRTS #03-05-001843 - PCM Request - additional information

**CAUTION: This email originated from outside the organization.
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Hi Keld,

Per our discussion this afternoon, attached is the documentation for the tank removal/closure (tank ID 110318) conducted on 12-6-21 at the WPS Green Bay site.

Please let us know if you have any additional questions.

Have a good weekend!

Jeremiah

Jeremiah P. Johnson, P.G.

Senior Geologist

(Licensed PG in WI)

Geosyntec Consultants

10600 N. Port Washington Road, Suite 100

Mequon, WI 53092

Direct Dial Office Phone: 262.834.0228

Mobile: 414.322.1164

www.Geosyntec.com

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

Tank Details

Site and Owner

Site Info

Facility ID: 414996
 Wisconsin Public Service Corp
 600 N Adams St
 Green Bay
 Site Anniversary Date: May 28

County & Municipality

Brown County
 City of Green Bay
 Fire Dept ID: 0504
 Dispenser Has Sumps: N

Owner

Wisconsin Public Service Corp
 333 W. Everett Street
 Milwaukee
 WI 53201-0007

Underground Storage Tank - ID: 110318, WANG ID: 050400683, Closed/Removed as of 2021-12-06

Install Date:	06/23/1983	Capacity In Gallons:	10,000	Contents:	Unleaded Gasoline
Tank Occupancy:	Utility	Marketer:	N	CAS Number	
Federally Regulated:	Yes	Spill Protection:	Installed	Overfill Protection:	Installed
Overfill Prot Type:	90alm95auto	Containment Sump Installed:	N	Lining Inspected Date:	
Corrosion Protect Type:	Not Applicable	Date Of Lining:		Underground Piping:	N
Leak Detection:	Automatic Tank Gauge	Wall Type:	Single		
Leak Test Method:	Monthly Monitoring				
Construction Material:	Fiberglass or Poly				

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

Inspections

FacilityId	Inspection Type	Inspection Date
414996	Annual	10/07/2015
414996	Annual	08/09/2017
414996	Annual	09/12/2019
414996	Annual	06/17/2021



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

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

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

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

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

This registration applies to a tank piping status that is (check one): _____ Date of status change: _____

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

IDENTIFICATION (Please Print)

1. TANK SITE NAME Wisconsin Public Service Corp		COUNTY Brown	PHONE () -	
a. CURRENT SITE STREET ADDRESS 600 N. Adams St.		<input checked="" type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF: Green Bay	STATE WI	ZIP 54301
b. PREVIOUS SITE STREET ADDRESS		<input type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF:	STATE	ZIP
Fire Dept. providing fire coverage where tank is located: <input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE of: Green Bay				
2. TANK OWNER LEGAL NAME Wisconsin Public Service Corp.		COUNTY Brown	PHONE: Check <input type="checkbox"/> CELL or <input type="checkbox"/> LAND () -	
MAILING ADDRESS 700 N. Adams St.		<input checked="" type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF: Green Bay	STATE WI	ZIP 54301
3. PROPERTY OWNER NAME (if different from Tank Owner Legal Name #2)		COUNTY (if different from County #2)		
PROPERTY OWNER ADDRESS (if different from Site Street Address #1)		<input type="checkbox"/> CITY <input type="checkbox"/> VILLAGE <input type="checkbox"/> TOWN OF:	STATE	ZIP
4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)		
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)		

SITE ID: _____ **FACILITY ID #** 414996 **CUSTOMER ID #** _____

Tank Capacity (gallons): 10000 Tank Age (age or date installed): 6-23-1983 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): _____

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 Statistical Inventory Reconciliation (SIR)
 Manual tank gauging (only for tanks of 1,000 gallons or less) Unknown

PIPING CONSTRUCTION: Single Wall Double Wall:
 Bare Steel Coated Steel Fiberglass Flexible Copper Unknown 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: ___ % ethanol Diesel
 Waste/Used Motor Oil Used for Heating Aviation Empty* Sand/Grave/Slurry* Unknown
 Other (specify): _____ Chemical* Name: _____ CAS#

Has a site assessment been completed? (see reverse side for details) Yes No

TANK OWNER LEGAL NAME (please print) WISCONSIN PUBLIC SERVICE TANK OWNER E-MAIL jeffrey.chmielewski@wecenergygroup.com
 TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) ON BEHALF OF WPS DATE: 12/6/2021

JEFF CHMIELEWSKI - FACILITY MANAGER
 Note: Refer to comments on reverse side of form.



Wisconsin Department of Agriculture, Trade and Consumer Protection
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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 Wisconsin Public Service Corp.	CONTACT NAME	TITLE
MAILING ADDRESS 700 N. Adams St.	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Green Bay	STATE ZIP WI 54301
TELEPHONE: () -	E-MAIL	

SITE INFORMATION

FACILITY NAME Wisconsin Public Service Corp.		
SITE ADDRESS (Not PO Box) 600 Adams St.	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Green Bay	STATE ZIP WI 54301

SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above Petroleum Equipment Service	TELEPHONE: (920) 499 - 5404	CELL: () -
STREET ADDRESS 1500 Radisson St.	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Green Bay	STATE ZIP WI 54302

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

a	b	c	d	e	f	g	h
Tank ID #	Type of Closure ¹	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents ²	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	If "Yes" to "g", Then Specify Source and Cause of Release ⁵
						Source of Release ³	Cause of Release ⁴
110318	P	FRP/POLY	FRP/Poly	10,000	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	
						<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):

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	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
a. Product from piping drained into tank (or other container).	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input 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 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 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 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 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 type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
g. Tank openings temporarily plugged so vapors exit through vent.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" 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	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input checked="" type="checkbox"/>

NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.

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

G. REMOVER/CLEANER INFORMATION

LESTER NORTH Lester North 401470 12-6-21
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 Bay Environmental Strategies


H. INSPECTOR INFORMATION

INSPECTOR NAME (PRINT): INSPECTOR SIGNATURE INSPECTOR CERTIFICATION # LPO AGENCY/COMPANY NAME

FDID # FOR LOCATION WHERE INSPECTION PERFORMED () - INSPECTOR TELEPHONE:NUMBER DATE SIGNED

INSPECTOR NOTES:





Full-Service Consulting And Compliance Solutions

2920 S Webster Ave Ste C Green Bay, WI 54301 800.576.2436 www.bayenvironmental.com

SITE ASSESSMENT REPORT

**WPS-GREEN BAY SERVICE CENTER
UST REMOVAL
600 N. ADAMS STREET
GREEN BAY, WISCONSIN**

January 21, 2022



ENVIRONMENTAL HEALTH & SAFETY EXPERTS

January 21, 2022

Mr. Jeff Tahtinen
Petroleum Equipment Service, LLC
1500 Radisson Street
Green Bay, WI 54302

**Re: Tank Removal Site Assessment Report
WPS-Green Bay Service Center
- 10,000-gallon Gasoline UST
600 N. Adams Street, Green Bay, WI**

Dear Jeff:

Bay Environmental Strategies, Inc. (BAY) is pleased to submit the enclosed Site Assessment Report for the removal of the 10,000-gallon gasoline underground storage tank (UST) at the above referenced site. The site assessment activities were completed on December 6, 2021.

A total of eight (8) soil samples were collected as part of the site assessment activities. The soil samples were collected and submitted to a state-certified laboratory for petroleum volatile organic compound (PVOC) plus naphthalene analysis as required by the Tank-System Site Assessment (TSSA) guide. The laboratory analytical results reported benzene concentrations in samples S4 and S5 at a level above its respective NR720 Residual Contaminant Level (RCL) for soil to groundwater. The remaining soil samples reported all contaminant concentrations to be less than laboratory detection limits or applicable regulatory standards. The sampling locations, as well as, a summary of the analytical results is provided within this report.

The site is the location of a closed Leaking Underground Storage Tank (LUST) site identified as Wisconsin Public Service Corporation (BRRTS#03-05-001843), where residual soil and groundwater contamination existed at the time of site closure in 2006. BAY reviewed the site closure information for this LUST site which was available online through the WDNR BRRTS on the Web website. This information showed that petroleum contamination was present in the area of this assessment due to the presence and use of the former 10,000-gallon gasoline UST. As such, the contamination identified during this assessment is believed to be associated with the residual contamination from the closed LUST site and not indicative of a new release. The property owner may choose to provide this information to the WDNR for their review and determination.

If you, or your client, have any questions regarding the contents of the enclosed report please contact me at (920) 227-8524.

Sincerely,

BAY ENVIRONMENTAL STRATEGIES, INC.



Mark Love, PSS
Project Manager
Enclosure



James M. Rabideau, PG, PSS
President & Senior Project Manager

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APPENDIX A - *Figure 1 - Site Location Map*
Figure 2 - Site Detail Map

APPENDIX B - *Site Photographs*

APPENDIX C - *Analytical Table, Copy of Lab Report and Chain-of-Custody Form*

APPENDIX D - *Tank Closure Checklist*

1.0 SITE INFORMATION

1.1 Site Owner and UST System Owner/Operator

According to information provided the current property owner and operator is:

Wisconsin Public Service
700 N. Adams Street
Green Bay, WI

1.2 Tank Site Address and Location

The site address is:

700 N. Adams Street
Green Bay, WI

The site is located on the north side of Elm Street, between the intersections of N. Adams and N. Madison Streets, in the City of Green Bay, Brown County, Wisconsin.

Figure 1, provided in Appendix A, illustrates the site location.

1.3 Site Description

This is a commercial property that was formerly operated as a Wisconsin Public Service (WPS) Service Center. It contains a complex of different buildings and outside parking lot. One 10,000-gallon gasoline USTs was used at the facility for fueling fleet vehicles. The tank was situated immediately adjacent to a building foundation with a single dispenser located almost directly above the tank.

Figure 2, provided in Appendix A, provides a site plan view which illustrates the location of the USTs.

1.4 Summary of Property Use

The property is commercial use and appears to have been such for many years.

1.5 Estimated Depth to Groundwater

Groundwater was encountered during the tank removal excavation activities at a depth of approximately 7 feet below ground surface (bgs).

1.6 Results of Previous Investigations

A search of the WDNR's Bureau of Remediation and Redevelopment Program System (BRRTS) revealed the property was the location of a LUST site identified as Wisconsin Public Service Corporation (BRRTS# 03-05-001843). According to the information available on BRRTS, the LUST site was granted closure in April 2006. Residual soil and groundwater contamination was present at the site at the time of closure.

1.7 Other Gas Stations/LUST sites on Surrounding Properties

A search of the WDNR's BRRTS did not reveal any sites in the vicinity of the property that have the potential to negatively affect the area of the UST.

2.0 UST SYSTEM REMOVAL

One 10,000-gallon gasoline tank and associated piping and dispenser was removed via excavation on December 6, 2021. Very little piping was present associated with the UST as the dispenser was located almost directly over the tank. Because there were no piping runs or dispensers located away from the tanks, the site assessment was only associated with removal of the tank.

2.1 Certified Cleaner/Remover

Mr. Lester North (Certification No.: 41189)
Petroleum Equipment Service of WI, LLC. (PES)
P.O. Box 8442
Green Bay, Wisconsin 54308

2.2 Certified Site Assessor

Mr. Mark Love (Certification No.: 46896)
Bay Environmental Strategies, Inc.
2920 S. Webster Ave, Ste. C
Green Bay, Wisconsin 54301

3.0 UST CLEANING AND DISPOSAL

The liquid contents of the UST were pumped out prior to the tank removal activities. PES personnel used absorbent materials to remove any remaining tank contents and sludge. Once cleaned, the tanks were removed from the site for disposal.

4.0 TANK LIQUID MANAGEMENT

The residual fuel was pumped out via vacuum truck and transported offsite for use. No liquids were present in the tanks at the time of removal.

5.0 SITE INSPECTION

Information related to the visual inspection performed by BAY is provided below.

5.1 Weather Conditions

Temperature: 32 degrees Fahrenheit.

Precipitation: None

5.2 Site Conditions

Surface staining present: None observed.

Stressed or dead vegetation present: No vegetation present in area.

Previously undiscovered or unregistered tanks present: No additional tanks were discovered during removal.

5.3 Excavation

Excavation depth: The UST excavation extended to a depth of approximately 8 feet bgs.

Soil type/profile, including backfill: Fine to medium sand with pea stone fill.

Soil discoloration: No dark or oily stained soils were observed.

Obvious odors: No petroleum odor was observed.

Free product: Not present

Water in excavation: Present at a depth of approximately 7 feet.

If water present, oil sheen visible on water: None observed

5.4 Tank System Components

Tank(s) Condition: Single wall fiberglass tanks observed to be in very good condition.

Piping Condition: Fiberglass piping was observed to be in good condition.

Possible Leak Locations: No deterioration or holes were observed in the tanks or piping.

6.0 SOIL SAMPLING

A total of eight soil samples were collected during the site assessment from the perimeter of the tank cavity. No floor samples were collected due to the presence of water. Additionally, no piping or dispenser samples were collected because they were located above the tank cavity area which was excavated to facilitate removal of the UST. The soil samples were submitted to Pace Analytical Services, Inc., of Green Bay, Wisconsin, for analysis of PVOCs plus naphthalene. A split portion of the soil sample was field screened using a photoionization detector (PID) calibrated to a 100 ppm isobutylene standard. The soil sampling locations are depicted in Figure 2. Photographs taken during the tank removal and of the soil sampling locations is provided in Appendix B.

6.1 Soil Sample Data Presentation

The laboratory analytical results reported all contaminant concentrations to be less than laboratory detection limits or applicable regulatory standards with the exception of samples S4 and S5. Each of these samples reported benzene at a concentration exceeding its respective NR720 RCL for soil to groundwater. The attached Table 1, provided in Appendix C, provides a summary of the soil sample laboratory analytical results and field screening. A copy of the laboratory analytical report is also provided in Appendix C.

7.0 ASSESSMENT SUMMARY

7.1 Discussion of Results

Each of the samples which reported contaminant concentrations were collected from the north end of the 10,000-gallon gasoline tank. This is the same area where the LUST site closure information showed the presence of residual soil and groundwater contamination existed at the time of site closure. The contamination identified in these samples is believed to be associated with the residual contamination from the closed LUST site and not indicative of a new release.

7.2 Tank Closure Checklist

BAY has completed Part B of the Tank System Service and Closure Assessment Report checklist (Form ERS-8951), which is provided as Appendix D. Part A of the checklist was completed by Petroleum Equipment Service of Wisconsin, LLC, and is not provided.

A



Appendix A

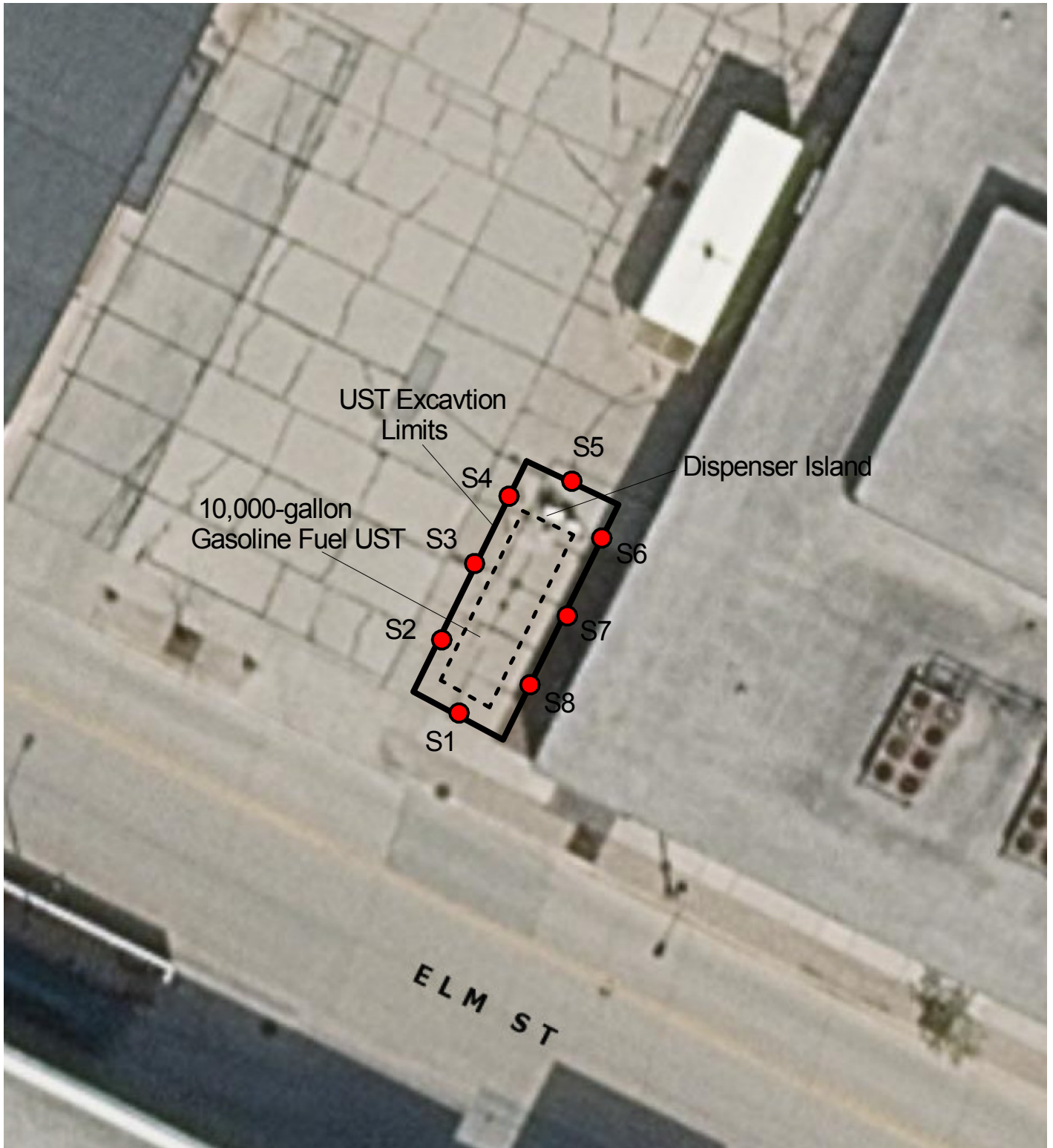
Figure 1 - Site Location Map

Figure 2 - Site Detail Map





SITE LOCATION

Figure:	Figure 1 - Site Location	
Site Location:	WPS-Green Bay Service Center 600 N. Adams Street Green Bay, Wisconsin	
Source:	Brown County GIS	Client: Petroleum Equip Service
		Date: January 2022
		Scale: Not to Scale
		Drawn By: MOL



LEGEND

● Soil Sample Location

Figure:	Figure 2 - Site Plan View	
Site Location:	WPS-Green Bay Service Center 600 N. Adams Street Green Bay, Wisconsin	
Source:	Brown County GIS	Client: Petroleum Equip Service
		Date: January 2022
		Scale: 1" = 20' (+/-)
		Drawn By: MOL

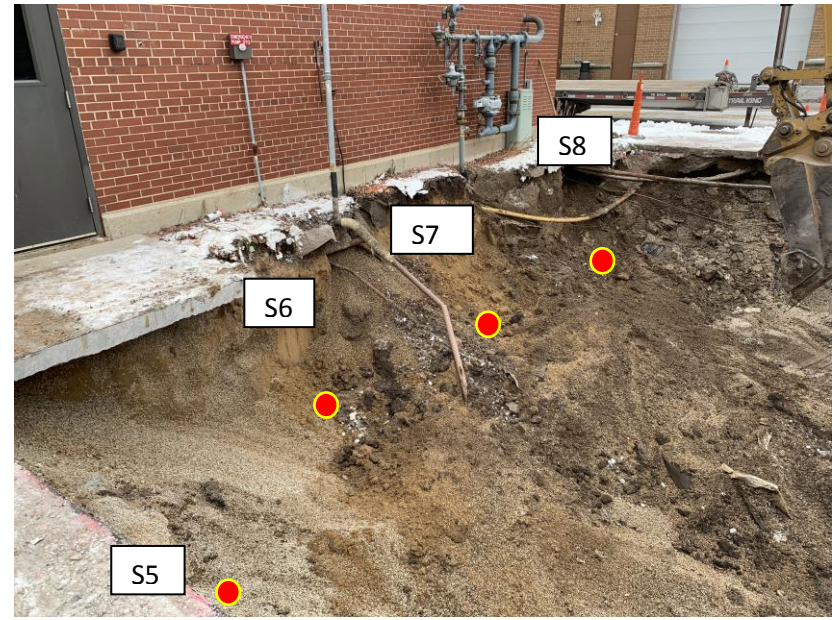
B

Appendix B

Site Assessment Photographs



View of tank cavity sidewall sample locations



10,000-gallon gasoline tank being removed



10,000-gallon gasoline after removal. Concrete ballast over tank caused it to split during removal.

C

Appendix C

Table 1: Soil Analytical Results
Copy of Lab Report and Chain-of Custody Form

Table 1
Soil Sample Laboratory Analytical Results
WPS-Green Bay
12/6/2021

Sample	S1	S2	S3	S4	S5	S6	S7	S8	NR720 GW RCLs	Non- Industrial DC RCLs	Industrial DC RCLs
Depth (ft bgs)	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6			
PID (ppmv/v)	0.3	0.3	3.3	4.8	0.5	1.5	0.2	0.4			
Benzene	<0.0145	<0.0172	<0.0181	0.106	0.0239 J	<0.0186	<0.0141	<0.0160	0.0052	1.6	<u>7.1</u>
Ethylbenzene	<0.0145	<0.0172	<0.0181	<0.0180	<0.0160	<0.0186	<0.0141	<0.0160	1.6	8	<u>35.4</u>
MTBE	<0.0179	<0.0212	<0.0224	<0.0222	<0.0197	<0.0229	<0.0174	<0.0197	0.027	63.8	<u>282</u>
Naphthalene	<0.0190	<0.0225	<0.0238	<0.0236	<0.0209	<0.0244	<0.0185	<0.0209	0.66	5.5	<u>24.1</u>
Toluene	0.0336 J	<0.0182	<0.0192	<0.0190	0.0635 J	<0.0197	0.0337 J	<0.0169	1.1	818	<u>818</u>
1,2,4-TMB	<0.0181	<0.0215	<0.0227	<0.0225	<0.0200	<0.0233	<0.0177	<0.0200	1.4	219	<u>219</u>
1,3,5-TMB	<0.0196	<0.0233	<0.0245	<0.0243	<0.0216	<0.0251	<0.0191	<0.0216	1.4	182	<u>182</u>
m&p-Xylene	0.0268 J	<0.0305	<0.0322	<0.0319	<0.0283	<0.0329	0.0257 J	<0.0283	NS	778	<u>778</u>
o-Xylene	0.0189 J	<0.0217	<0.0229	<0.0227	<0.0201	<0.0234	<0.0178	<0.0201	NS	434	<u>434</u>

Notes:

All concentrations reported in parts per million (ppm)

J: Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

Bold Value indicates exceedance of RCL for soil to groundwater

Italics Value indicates exceedance of RCL for non-industrial site direct contact

Underlined Value indicates exceedance of RCL for industrial site direct contact

bgs: below ground surface

MTBE: methyl tert-butyl ether

TMB: trimethylbenzene

NA: not analyzed/not applicable

RCL: residual contaminant level

NS: no standard

PPMV/V: parts per million volume/volume based on 100ppm isobutylene in air standard

RCL Spreadsheet dated December 2018 used to establish RCLs for groundwater protection and direct contact

December 10, 2021

Mark Love
Bay Environmental
2920 S. Webster Ave
Green Bay, WI 54301

RE: Project: PES-WPS GB
Pace Project No.: 40237940

Dear Mark Love:

Enclosed are the analytical results for sample(s) received by the laboratory on December 07, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: PES-WPS GB

Pace Project No.: 40237940

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: PES-WPS GB

Pace Project No.: 40237940

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40237940001	S-1	Solid	12/06/21 12:40	12/07/21 14:40
40237940002	S-2	Solid	12/06/21 12:45	12/07/21 14:40
40237940003	S-3	Solid	12/06/21 12:47	12/07/21 14:40
40237940004	S-4	Solid	12/06/21 12:50	12/07/21 14:40
40237940005	S-5	Solid	12/06/21 12:55	12/07/21 14:40
40237940006	S-6	Solid	12/06/21 13:00	12/07/21 14:40
40237940007	S-7	Solid	12/06/21 13:05	12/07/21 14:40
40237940008	S-8	Solid	12/06/21 13:10	12/07/21 14:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: PES-WPS GB
Pace Project No.: 40237940

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40237940001	S-1	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AXW	1	PASI-G
40237940002	S-2	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AXW	1	PASI-G
40237940003	S-3	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AXW	1	PASI-G
40237940004	S-4	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AXW	1	PASI-G
40237940005	S-5	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AXW	1	PASI-G
40237940006	S-6	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AXW	1	PASI-G
40237940007	S-7	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AXW	1	PASI-G
40237940008	S-8	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AXW	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: PES-WPS GB

Pace Project No.: 40237940

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40237940001	S-1					
EPA 8260	Toluene	33.6J	ug/kg	60.8	12/10/21 00:20	
EPA 8260	m&p-Xylene	26.8J	ug/kg	122	12/10/21 00:20	
EPA 8260	o-Xylene	18.9J	ug/kg	60.8	12/10/21 00:20	
ASTM D2974-87	Percent Moisture	9.7	%	0.10	12/08/21 09:52	
40237940002	S-2					
ASTM D2974-87	Percent Moisture	18.2	%	0.10	12/08/21 09:52	
40237940003	S-3					
ASTM D2974-87	Percent Moisture	20.8	%	0.10	12/08/21 09:52	
40237940004	S-4					
EPA 8260	Benzene	106	ug/kg	30.2	12/10/21 01:18	
ASTM D2974-87	Percent Moisture	20.3	%	0.10	12/08/21 09:52	
40237940005	S-5					
EPA 8260	Benzene	23.9J	ug/kg	26.9	12/10/21 01:38	
EPA 8260	Toluene	63.5J	ug/kg	67.1	12/10/21 01:38	
ASTM D2974-87	Percent Moisture	14.6	%	0.10	12/08/21 09:52	
40237940006	S-6					
ASTM D2974-87	Percent Moisture	21.9	%	0.10	12/08/21 09:52	
40237940007	S-7					
EPA 8260	Toluene	33.7J	ug/kg	59.3	12/10/21 02:17	
EPA 8260	m&p-Xylene	25.7J	ug/kg	119	12/10/21 02:17	
ASTM D2974-87	Percent Moisture	8.5	%	0.10	12/08/21 09:52	
40237940008	S-8					
ASTM D2974-87	Percent Moisture	14.6	%	0.10	12/08/21 09:52	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PES-WPS GB
Pace Project No.: 40237940

Sample: S-1 **Lab ID: 40237940001** Collected: 12/06/21 12:40 Received: 12/07/21 14:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<14.5	ug/kg	24.3	14.5	1	12/09/21 12:00	12/10/21 00:20	71-43-2	
Ethylbenzene	<14.5	ug/kg	60.8	14.5	1	12/09/21 12:00	12/10/21 00:20	100-41-4	
Methyl-tert-butyl ether	<17.9	ug/kg	60.8	17.9	1	12/09/21 12:00	12/10/21 00:20	1634-04-4	
Naphthalene	<19.0	ug/kg	304	19.0	1	12/09/21 12:00	12/10/21 00:20	91-20-3	
Toluene	33.6J	ug/kg	60.8	15.3	1	12/09/21 12:00	12/10/21 00:20	108-88-3	
1,2,4-Trimethylbenzene	<18.1	ug/kg	60.8	18.1	1	12/09/21 12:00	12/10/21 00:20	95-63-6	
1,3,5-Trimethylbenzene	<19.6	ug/kg	60.8	19.6	1	12/09/21 12:00	12/10/21 00:20	108-67-8	
m&p-Xylene	26.8J	ug/kg	122	25.7	1	12/09/21 12:00	12/10/21 00:20	179601-23-1	
o-Xylene	18.9J	ug/kg	60.8	18.2	1	12/09/21 12:00	12/10/21 00:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	129	%	66-153		1	12/09/21 12:00	12/10/21 00:20	460-00-4	
Toluene-d8 (S)	119	%	67-159		1	12/09/21 12:00	12/10/21 00:20	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	122	%	82-158		1	12/09/21 12:00	12/10/21 00:20	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture **9.7** % 0.10 0.10 1 12/08/21 09:52

Sample: S-2 **Lab ID: 40237940002** Collected: 12/06/21 12:45 Received: 12/07/21 14:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<17.2	ug/kg	28.9	17.2	1	12/09/21 12:00	12/10/21 00:39	71-43-2	
Ethylbenzene	<17.2	ug/kg	72.3	17.2	1	12/09/21 12:00	12/10/21 00:39	100-41-4	
Methyl-tert-butyl ether	<21.2	ug/kg	72.3	21.2	1	12/09/21 12:00	12/10/21 00:39	1634-04-4	
Naphthalene	<22.5	ug/kg	361	22.5	1	12/09/21 12:00	12/10/21 00:39	91-20-3	
Toluene	<18.2	ug/kg	72.3	18.2	1	12/09/21 12:00	12/10/21 00:39	108-88-3	
1,2,4-Trimethylbenzene	<21.5	ug/kg	72.3	21.5	1	12/09/21 12:00	12/10/21 00:39	95-63-6	
1,3,5-Trimethylbenzene	<23.3	ug/kg	72.3	23.3	1	12/09/21 12:00	12/10/21 00:39	108-67-8	
m&p-Xylene	<30.5	ug/kg	145	30.5	1	12/09/21 12:00	12/10/21 00:39	179601-23-1	
o-Xylene	<21.7	ug/kg	72.3	21.7	1	12/09/21 12:00	12/10/21 00:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	137	%	66-153		1	12/09/21 12:00	12/10/21 00:39	460-00-4	
Toluene-d8 (S)	122	%	67-159		1	12/09/21 12:00	12/10/21 00:39	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	127	%	82-158		1	12/09/21 12:00	12/10/21 00:39	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture **18.2** % 0.10 0.10 1 12/08/21 09:52

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PES-WPS GB
Pace Project No.: 40237940

Sample: S-3 **Lab ID: 40237940003** Collected: 12/06/21 12:47 Received: 12/07/21 14:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<18.1	ug/kg	30.5	18.1	1	12/09/21 12:00	12/10/21 00:59	71-43-2	
Ethylbenzene	<18.1	ug/kg	76.2	18.1	1	12/09/21 12:00	12/10/21 00:59	100-41-4	
Methyl-tert-butyl ether	<22.4	ug/kg	76.2	22.4	1	12/09/21 12:00	12/10/21 00:59	1634-04-4	
Naphthalene	<23.8	ug/kg	381	23.8	1	12/09/21 12:00	12/10/21 00:59	91-20-3	
Toluene	<19.2	ug/kg	76.2	19.2	1	12/09/21 12:00	12/10/21 00:59	108-88-3	
1,2,4-Trimethylbenzene	<22.7	ug/kg	76.2	22.7	1	12/09/21 12:00	12/10/21 00:59	95-63-6	
1,3,5-Trimethylbenzene	<24.5	ug/kg	76.2	24.5	1	12/09/21 12:00	12/10/21 00:59	108-67-8	
m&p-Xylene	<32.2	ug/kg	152	32.2	1	12/09/21 12:00	12/10/21 00:59	179601-23-1	
o-Xylene	<22.9	ug/kg	76.2	22.9	1	12/09/21 12:00	12/10/21 00:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	136	%	66-153		1	12/09/21 12:00	12/10/21 00:59	460-00-4	
Toluene-d8 (S)	131	%	67-159		1	12/09/21 12:00	12/10/21 00:59	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	135	%	82-158		1	12/09/21 12:00	12/10/21 00:59	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture **20.8** % 0.10 0.10 1 12/08/21 09:52

Sample: S-4 **Lab ID: 40237940004** Collected: 12/06/21 12:50 Received: 12/07/21 14:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	106	ug/kg	30.2	18.0	1	12/09/21 12:00	12/10/21 01:18	71-43-2	
Ethylbenzene	<18.0	ug/kg	75.5	18.0	1	12/09/21 12:00	12/10/21 01:18	100-41-4	
Methyl-tert-butyl ether	<22.2	ug/kg	75.5	22.2	1	12/09/21 12:00	12/10/21 01:18	1634-04-4	
Naphthalene	<23.6	ug/kg	378	23.6	1	12/09/21 12:00	12/10/21 01:18	91-20-3	
Toluene	<19.0	ug/kg	75.5	19.0	1	12/09/21 12:00	12/10/21 01:18	108-88-3	
1,2,4-Trimethylbenzene	<22.5	ug/kg	75.5	22.5	1	12/09/21 12:00	12/10/21 01:18	95-63-6	
1,3,5-Trimethylbenzene	<24.3	ug/kg	75.5	24.3	1	12/09/21 12:00	12/10/21 01:18	108-67-8	
m&p-Xylene	<31.9	ug/kg	151	31.9	1	12/09/21 12:00	12/10/21 01:18	179601-23-1	
o-Xylene	<22.7	ug/kg	75.5	22.7	1	12/09/21 12:00	12/10/21 01:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	132	%	66-153		1	12/09/21 12:00	12/10/21 01:18	460-00-4	
Toluene-d8 (S)	118	%	67-159		1	12/09/21 12:00	12/10/21 01:18	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	125	%	82-158		1	12/09/21 12:00	12/10/21 01:18	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture **20.3** % 0.10 0.10 1 12/08/21 09:52

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PES-WPS GB

Pace Project No.: 40237940

Sample: S-5 Lab ID: 40237940005 Collected: 12/06/21 12:55 Received: 12/07/21 14:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	23.9J	ug/kg	26.9	16.0	1	12/09/21 12:00	12/10/21 01:38	71-43-2	
Ethylbenzene	<16.0	ug/kg	67.1	16.0	1	12/09/21 12:00	12/10/21 01:38	100-41-4	
Methyl-tert-butyl ether	<19.7	ug/kg	67.1	19.7	1	12/09/21 12:00	12/10/21 01:38	1634-04-4	
Naphthalene	<20.9	ug/kg	336	20.9	1	12/09/21 12:00	12/10/21 01:38	91-20-3	
Toluene	63.5J	ug/kg	67.1	16.9	1	12/09/21 12:00	12/10/21 01:38	108-88-3	
1,2,4-Trimethylbenzene	<20.0	ug/kg	67.1	20.0	1	12/09/21 12:00	12/10/21 01:38	95-63-6	
1,3,5-Trimethylbenzene	<21.6	ug/kg	67.1	21.6	1	12/09/21 12:00	12/10/21 01:38	108-67-8	
m&p-Xylene	<28.3	ug/kg	134	28.3	1	12/09/21 12:00	12/10/21 01:38	179601-23-1	
o-Xylene	<20.1	ug/kg	67.1	20.1	1	12/09/21 12:00	12/10/21 01:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	133	%	66-153		1	12/09/21 12:00	12/10/21 01:38	460-00-4	
Toluene-d8 (S)	128	%	67-159		1	12/09/21 12:00	12/10/21 01:38	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	129	%	82-158		1	12/09/21 12:00	12/10/21 01:38	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.6	%	0.10	0.10	1		12/08/21 09:52		

Sample: S-6 Lab ID: 40237940006 Collected: 12/06/21 13:00 Received: 12/07/21 14:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<18.6	ug/kg	31.2	18.6	1	12/09/21 12:00	12/10/21 01:57	71-43-2	
Ethylbenzene	<18.6	ug/kg	78.0	18.6	1	12/09/21 12:00	12/10/21 01:57	100-41-4	
Methyl-tert-butyl ether	<22.9	ug/kg	78.0	22.9	1	12/09/21 12:00	12/10/21 01:57	1634-04-4	
Naphthalene	<24.4	ug/kg	390	24.4	1	12/09/21 12:00	12/10/21 01:57	91-20-3	
Toluene	<19.7	ug/kg	78.0	19.7	1	12/09/21 12:00	12/10/21 01:57	108-88-3	
1,2,4-Trimethylbenzene	<23.3	ug/kg	78.0	23.3	1	12/09/21 12:00	12/10/21 01:57	95-63-6	
1,3,5-Trimethylbenzene	<25.1	ug/kg	78.0	25.1	1	12/09/21 12:00	12/10/21 01:57	108-67-8	
m&p-Xylene	<32.9	ug/kg	156	32.9	1	12/09/21 12:00	12/10/21 01:57	179601-23-1	
o-Xylene	<23.4	ug/kg	78.0	23.4	1	12/09/21 12:00	12/10/21 01:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	138	%	66-153		1	12/09/21 12:00	12/10/21 01:57	460-00-4	
Toluene-d8 (S)	133	%	67-159		1	12/09/21 12:00	12/10/21 01:57	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	130	%	82-158		1	12/09/21 12:00	12/10/21 01:57	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	21.9	%	0.10	0.10	1		12/08/21 09:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PES-WPS GB
Pace Project No.: 40237940

Sample: S-7 **Lab ID: 40237940007** Collected: 12/06/21 13:05 Received: 12/07/21 14:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<14.1	ug/kg	23.7	14.1	1	12/09/21 12:00	12/10/21 02:17	71-43-2	
Ethylbenzene	<14.1	ug/kg	59.3	14.1	1	12/09/21 12:00	12/10/21 02:17	100-41-4	
Methyl-tert-butyl ether	<17.4	ug/kg	59.3	17.4	1	12/09/21 12:00	12/10/21 02:17	1634-04-4	
Naphthalene	<18.5	ug/kg	296	18.5	1	12/09/21 12:00	12/10/21 02:17	91-20-3	
Toluene	33.7J	ug/kg	59.3	14.9	1	12/09/21 12:00	12/10/21 02:17	108-88-3	
1,2,4-Trimethylbenzene	<17.7	ug/kg	59.3	17.7	1	12/09/21 12:00	12/10/21 02:17	95-63-6	
1,3,5-Trimethylbenzene	<19.1	ug/kg	59.3	19.1	1	12/09/21 12:00	12/10/21 02:17	108-67-8	
m&p-Xylene	25.7J	ug/kg	119	25.0	1	12/09/21 12:00	12/10/21 02:17	179601-23-1	
o-Xylene	<17.8	ug/kg	59.3	17.8	1	12/09/21 12:00	12/10/21 02:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	139	%	66-153		1	12/09/21 12:00	12/10/21 02:17	460-00-4	
Toluene-d8 (S)	133	%	67-159		1	12/09/21 12:00	12/10/21 02:17	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	129	%	82-158		1	12/09/21 12:00	12/10/21 02:17	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture **8.5** % 0.10 0.10 1 12/08/21 09:52

Sample: S-8 **Lab ID: 40237940008** Collected: 12/06/21 13:10 Received: 12/07/21 14:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.0	ug/kg	26.8	16.0	1	12/09/21 12:00	12/10/21 02:36	71-43-2	
Ethylbenzene	<16.0	ug/kg	67.1	16.0	1	12/09/21 12:00	12/10/21 02:36	100-41-4	
Methyl-tert-butyl ether	<19.7	ug/kg	67.1	19.7	1	12/09/21 12:00	12/10/21 02:36	1634-04-4	
Naphthalene	<20.9	ug/kg	335	20.9	1	12/09/21 12:00	12/10/21 02:36	91-20-3	
Toluene	<16.9	ug/kg	67.1	16.9	1	12/09/21 12:00	12/10/21 02:36	108-88-3	
1,2,4-Trimethylbenzene	<20.0	ug/kg	67.1	20.0	1	12/09/21 12:00	12/10/21 02:36	95-63-6	
1,3,5-Trimethylbenzene	<21.6	ug/kg	67.1	21.6	1	12/09/21 12:00	12/10/21 02:36	108-67-8	
m&p-Xylene	<28.3	ug/kg	134	28.3	1	12/09/21 12:00	12/10/21 02:36	179601-23-1	
o-Xylene	<20.1	ug/kg	67.1	20.1	1	12/09/21 12:00	12/10/21 02:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	143	%	66-153		1	12/09/21 12:00	12/10/21 02:36	460-00-4	
Toluene-d8 (S)	136	%	67-159		1	12/09/21 12:00	12/10/21 02:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	134	%	82-158		1	12/09/21 12:00	12/10/21 02:36	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture **14.6** % 0.10 0.10 1 12/08/21 09:52

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PES-WPS GB
Pace Project No.: 40237940

QC Batch:	403809	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260 MSV Med Level Short List
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40237940001, 40237940002, 40237940003, 40237940004, 40237940005, 40237940006, 40237940007, 40237940008

METHOD BLANK: 2330910 Matrix: Solid
Associated Lab Samples: 40237940001, 40237940002, 40237940003, 40237940004, 40237940005, 40237940006, 40237940007, 40237940008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	12/09/21 18:47	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	12/09/21 18:47	
Benzene	ug/kg	<11.9	20.0	12/09/21 18:47	
Ethylbenzene	ug/kg	<11.9	50.0	12/09/21 18:47	
m&p-Xylene	ug/kg	<21.1	100	12/09/21 18:47	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	12/09/21 18:47	
Naphthalene	ug/kg	<15.6	250	12/09/21 18:47	
o-Xylene	ug/kg	<15.0	50.0	12/09/21 18:47	
Toluene	ug/kg	<12.6	50.0	12/09/21 18:47	
1,2-Dichlorobenzene-d4 (S)	%	106	82-158	12/09/21 18:47	
4-Bromofluorobenzene (S)	%	108	66-153	12/09/21 18:47	
Toluene-d8 (S)	%	109	67-159	12/09/21 18:47	

LABORATORY CONTROL SAMPLE: 2330911

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2520	101	70-130	
Ethylbenzene	ug/kg	2500	2580	103	78-120	
m&p-Xylene	ug/kg	5000	5230	105	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2560	103	65-130	
o-Xylene	ug/kg	2500	2670	107	70-130	
Toluene	ug/kg	2500	2430	97	76-120	
1,2-Dichlorobenzene-d4 (S)	%			108	82-158	
4-Bromofluorobenzene (S)	%			121	66-153	
Toluene-d8 (S)	%			108	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2330912 2330913

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40237808006 Result	Spike Conc.	Spike Conc.	Result							Result
Benzene	ug/kg	<19.8	1660	1660	1560	1530	94	92	70-130	2	20	
Ethylbenzene	ug/kg	<19.8	1660	1660	1640	1590	99	96	78-120	3	20	
m&p-Xylene	ug/kg	<35.1	3330	3330	3360	3280	101	99	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<24.4	1660	1660	1560	1550	94	93	65-130	0	20	
o-Xylene	ug/kg	<24.9	1660	1660	1610	1670	97	100	70-130	4	20	
Toluene	ug/kg	<20.9	1660	1660	1620	1600	98	97	76-120	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: PES-WPS GB

Pace Project No.: 40237940

Parameter	Units	2330912		2330913		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40237808006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1,2-Dichlorobenzene-d4 (S)	%					127	137	82-158			
4-Bromofluorobenzene (S)	%					139	151	66-153			
Toluene-d8 (S)	%					132	140	67-159			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PES-WPS GB

Pace Project No.: 40237940

QC Batch: 403670

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40237940001, 40237940002, 40237940003, 40237940004, 40237940005, 40237940006, 40237940007, 40237940008

SAMPLE DUPLICATE: 2330204

Parameter	Units	40237940004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.3	20.3	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: PES-WPS GB

Pace Project No.: 40237940

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PES-WPS GB

Pace Project No.: 40237940

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40237940001	S-1	EPA 5035/5030B	403809	EPA 8260	403810
40237940002	S-2	EPA 5035/5030B	403809	EPA 8260	403810
40237940003	S-3	EPA 5035/5030B	403809	EPA 8260	403810
40237940004	S-4	EPA 5035/5030B	403809	EPA 8260	403810
40237940005	S-5	EPA 5035/5030B	403809	EPA 8260	403810
40237940006	S-6	EPA 5035/5030B	403809	EPA 8260	403810
40237940007	S-7	EPA 5035/5030B	403809	EPA 8260	403810
40237940008	S-8	EPA 5035/5030B	403809	EPA 8260	403810
40237940001	S-1	ASTM D2974-87	403670		
40237940002	S-2	ASTM D2974-87	403670		
40237940003	S-3	ASTM D2974-87	403670		
40237940004	S-4	ASTM D2974-87	403670		
40237940005	S-5	ASTM D2974-87	403670		
40237940006	S-6	ASTM D2974-87	403670		
40237940007	S-7	ASTM D2974-87	403670		
40237940008	S-8	ASTM D2974-87	403670		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Bay Env. Strategies
 Branch/Location: Green Bay, WI
 Project Contact: Mark Love
 Phone: 920-277-8524
 Project Number: —
 Project Name: PES-WPS GB
 Project State: WI
 Sampled By (Print): Mark Love
 Sampled By (Sign): Mark Love
 PO #: _____ Regulatory Program: _____



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40237940

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												
F	N	PLOC Naphthalene												
F	N													

Quote #: _____
 Mail To Contact: MLove
 Mail To Company: Bay Env. Strategies
 Mail To Address: ON FILE
 Invoice To Contact: MLove
 Invoice To Company: SAME
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): _____
 Profile #: _____

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		MATRIX	Analyses Requested									
		DATE	TIME											
001	S-1	12/21	12:40	Soil		X	X							
002	S-2		12:45			X	X							
003	S-3		12:47			X	X							
004	S-4		12:50			X	X							
005	S-5		12:55			X	X							
006	S-6		1:00			X	X							
007	S-7		1:05			X	X							
008	S-8		1:10			X	X							
009														
010														
011														
013	filled in by Lab from sample labels 12/7/21 scan													

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: _____
 Relinquished By: Mark Love Date/Time: 12-7-21 2:40
 Received By: Susan Klyke Date/Time: 12/7/21 1:40
 PACE Project No: 40237940

Transmit Prelim Rush Results by (complete what you want): _____
 Receipt Temp = 4 °C
 Sample Receipt pH: OK / Adjusted
 Cooler Custody Seal: Present / Not Present
 Intact / Not Intact

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

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

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

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

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



Document Name:
Sample Condition Upon Receipt (SCUR)
 Document No.:
ENV-FRM-GBAY-0014-Rev.00

Document Revised: 26Mar2020
 Author:
 Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: Bay Env.

Project #:

WO#: 40237940

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____



Tracking #: _____
 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 105 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 4.5 /Corr: 4

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 12/7/21 /Initials: SC
 Labeled By Initials: ALJ

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <i>Collect times filled in by Lab</i>
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <i>from sample labels. 12/7/21</i>
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

D

Appendix D

Tank Closure Checklist – Part B

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

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

SITE NAME - *Note: SITE NAME and address MUST MATCH with Part A Section 1.*

WPS-Green Bay Service Center

SITE ADDRESS (Not PO Box)

600 N. Admas Street

CITY TOWN VILLAGE
Green Bay

STATE ZIP
WI

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 # 03-05-001843

b. Number of active tanks at facility prior to completion of current services: USTs 1 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
UST Excavation	35	15	8

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 geology² Fine to medium sand with clay layers (fill)

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: Fox River and East River

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

Tanks recently taken out of service. Fiberglass tank in very good condition. No distribution piping present because dispenser located almost direct above tanks.

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				
S1	South wall/sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	sidewall/5-6 feet	.3	NA	NA
S2	Southwest wall/sand clay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	sidewall/5-6 feet	.3	NA	NA
S3	West wall/sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	sidewall/5-6 feet	3.3	NA	NA
S4	Northwest wall/silty clay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	sidewall/5-6 feet	4.8	NA	NA
S5	North wall/sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	sidewall/5-6 feet	.5	NA	NA
S6	Northeast wall/sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	sidewall/5-6 feet	1.5	NA	NA
S7	East wall/sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	sidewall/5-6 feet	.2	NA	NA
S8	Southeast wall/sand	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	sidewall/5-6 feet	.4	NA	NA
		<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
S1	<14.5	33.6J	<14.5	<17.9	<37.7	45.7	<19.0
S2	<17.2	<18.2	<17.2	<21.2	<44.8	<52.2	<22.5
S3	<18.1	<19.2	<18.1	<22.4	<47.2	<55.1	<23.8
S4	106	<19.0	<18.0	<22.2	<46.8	<54.6	<23.6
S5	23.9J	63.5J	<16.0	<19.7	<41.6	<48.4	<20.9
S6	<18.6	<19.7	<18.6	<22.9	<48.4	<56.3	<24.4
S7	<14.1	33.7J	<14.1	<17.4	<36.8	25.7J	<18.5
S8	<16.0	<16.9	<16.0	<19.7	<41.6	<48.4	<20.9

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.

Mark Love _____ 401222
 TANK-SYSTEM SITE ASSESSOR NAME (PRINT): TANK-SYSTEM SITE ASSESSOR SIGNATURE CERTIFICATION NO.

(920) 227 - 8524 _____ 1/21/22 _____ Bay Environmental Strategies, Inc
 TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER DATE SIGNED COMPANY NAME