

Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

Notice: Use this form to request a **written response (on agency letterhead)** from the Department of Natural Resources (DNR) regarding technical assistance, a post-closure change to a site, a specialized agreement or liability clarification for Property with known or suspected environmental contamination. A fee will be required as is authorized by s. 292.55, Wis. Stats., and NR 749, Wis. Adm. Code., unless noted in the instructions below. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

Definitions

"Property" refers to the subject Property that is perceived to have been or has been impacted by the discharge of hazardous substances.

"Liability Clarification" refers to a written determination by the Department provided in response to a request made on this form. The response clarifies whether a person is or may become liable for the environmental contamination of a Property, as provided in s. 292.55, Wis. Stats.

"Technical Assistance" refers to the Department's assistance or comments on the planning and implementation of an environmental investigation or environmental cleanup on a Property in response to a request made on this form as provided in s. 292.55, Wis. Stats.

"Post-closure modification" refers to changes to Property boundaries and/or continuing obligations for Properties or sites that received closure letters for which continuing obligations have been applied or where contamination remains. Many, but not all, of these sites are included on the GIS Registry layer of RR Sites Map to provide public notice of residual contamination and continuing obligations.

Select the Correct Form

This form should be used to request the following from the DNR:

- Technical Assistance
- Liability Clarification
- Post-Closure Modifications
- Specialized Agreements (tax cancellation, negotiated agreements, etc.)

Do **not** use this form if one of the following applies:

- Request for an **off-site liability exemption or clarification** for Property that has been or is perceived to be contaminated by one or more hazardous substances that originated on another Property containing the source of the contamination. Use DNR's Off-Site Liability Exemption and Liability Clarification Application Form 4400-201.
- Submittal of an Environmental Assessment for the **Lender Liability Exemption**, s 292.21, Wis. Stats., **if no response or review by DNR is requested**. Use the Lender Liability Exemption Environmental Assessment Tracking Form 4400-196.
- Request for an **exemption to develop on a historic fill site** or licensed landfill. Use DNR's Form 4400-226 or 4400-226A.
- **Request for closure** for Property where the investigation and cleanup actions are completed. Use DNR's Case Closure - GIS Registry Form 4400-202.

All forms, publications and additional information are available on the internet at: dnr.wi.gov/topic/Brownfields/Pubs.html.

Instructions

1. Complete sections 1, 2, 6 and 7 for all requests. Be sure to provide adequate and complete information.
2. Select the type of assistance requested: Section 3 for technical assistance or post-closure modifications, Section 4 for a written determination or clarification of environmental liabilities; or Section 5 for a specialized agreement.
3. Include the fee payment that is listed in Section 3, 4, or 5, unless you are a "Voluntary Party" enrolled in the Voluntary Party Liability Exemption Program **and** the questions in Section 2 direct otherwise. Information on to whom and where to send the fee is found in Section 8 of this form.
4. Send the completed request, supporting materials and the fee to the appropriate DNR regional office where the Property is located. See the map on the last page of this form. A paper copy of the signed form and all reports and supporting materials shall be sent with an electronic copy of the form and supporting materials on a compact disk. For electronic document submittal requirements see: <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>

The time required for DNR's determination varies depending on the complexity of the site, and the clarity and completeness of the request and supporting documentation.

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Section 1. Contact and Recipient Information

Requester Information

This is the person requesting technical assistance or a post-closure modification review, that his or her liability be clarified or a specialized agreement and is identified as the requester in Section 7. DNR will address its response letter to this person.

Last Name	First	MI	Organization/ Business Name
Dombrowski	Frank		WEC Energy Group – Business Services
Mailing Address			City
333 W. Everett St., A231			Milwaukee
			State
			WI
			ZIP Code
			53203
Phone # (include area code)	Fax # (include area code)	Email	
(414) 221-2156		frank.dombrowski@wecenergygroup.com	

The requester listed above: (select all that apply)

- Is currently the owner
 Is considering selling the Property
 Is renting or leasing the Property
 Is considering acquiring the Property
 Is a lender with a mortgagee interest in the Property
 Other. Explain the status of the Property with respect to the applicant:

Responsible Party Contact

Contact Information (to be contacted with questions about this request)

Select if same as requester

Contact Last Name	First	MI	Organization/ Business Name
Zimdars	Julie		Ramboll
Mailing Address			City
234 West Florida Street			Milwaukee
			State
			WI
			ZIP Code
			53204
Phone # (include area code)	Fax # (include area code)	Email	
(414) 837-3564		Julie.Zimdars@ramboll.com	

Environmental Consultant (if applicable)

Contact Last Name	First	MI	Organization/ Business Name
Zimdars	Julie		Ramboll
Mailing Address			City
234 West Florida Street			Milwaukee
			State
			WI
			ZIP Code
			53204
Phone # (include area code)	Fax # (include area code)	Email	
(414) 837-3564		Julie.Zimdars@ramboll.com	

Attorney (if applicable)

Contact Last Name	First	MI	Organization/ Business Name
Mailing Address			City
			State
			ZIP Code
Phone # (include area code)	Fax # (include area code)	Email	

Property Owner (if different from requester)

Contact Last Name	First	MI	Organization/ Business Name
Mailing Address			City
			State
			ZIP Code
Phone # (include area code)	Fax # (include area code)	Email	

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Section 2. Property Information

Property Name WEPCO Pleasant Prairie Power Plt		FID No. (if known) 230006260	
BRRTS No. (if known) 03-30-210485	Parcel Identification Number 92-4-122-164-0011		
Street Address 8000 95th Street	City Pleasant Prairie	State WI	ZIP Code 53158
County Kenosha	Municipality where the Property is located <input type="radio"/> City <input type="radio"/> Town <input checked="" type="radio"/> Village of Pleasant Prairie	Property is composed of: <input checked="" type="radio"/> Single tax parcel <input type="radio"/> Multiple tax parcels	Property Size Acres 403

1. Is a response needed by a specific date? (e.g., Property closing date) Note: Most requests are completed within 60 days. Please plan accordingly.

No Yes

Date requested by: _____

Reason: _____

2. Is the "Requester" enrolled as a Voluntary Party in the Voluntary Party Liability Exemption (VPLE) program?

No. **Include the fee that is required for your request in Section 3, 4 or 5.**

Yes. **Do not include a separate fee.** This request will be billed separately through the VPLE Program.

Fill out the information in Section 3, 4 or 5 which corresponds with the type of request:

Section 3. Technical Assistance or Post-Closure Modifications;

Section 4. Liability Clarification; or Section 5. Specialized Agreement.

Section 3. Request for Technical Assistance or Post-Closure Modification

Select the type of technical assistance requested: [**Numbers in brackets are for WI DNR Use**]

- No Further Action Letter (NFA) (Immediate Actions) - NR 708.09, [183] - **Include a fee of \$350.** Use for a written response to an immediate action after a discharge of a hazardous substance occurs. Generally, these are for a one-time spill event.
- Review of Site Investigation Work Plan - NR 716.09, [135] - **Include a fee of \$700.**
- Review of Site Investigation Report - NR 716.15, [137] - **Include a fee of \$1050.**
- Approval of a Site-Specific Soil Cleanup Standard - NR 720.10 or 12, [67] - **Include a fee of \$1050.**
- Review of a Remedial Action Options Report - NR 722.13, [143] - **Include a fee of \$1050.**
- Review of a Remedial Action Design Report - NR 724.09, [148] - **Include a fee of \$1050.**
- Review of a Remedial Action Documentation Report - NR 724.15, [152] - **Include a fee of \$350**
- Review of a Long-term Monitoring Plan - NR 724.17, [25] - **Include a fee of \$425.**
- Review of an Operation and Maintenance Plan - NR 724.13, [192] - **Include a fee of \$425.**

Other Technical Assistance - s. 292.55, Wis. Stats. [97] (For request to build on an abandoned landfill use Form 4400-226)

- Schedule a Technical Assistance Meeting - **Include a fee of \$700.**
- Hazardous Waste Determination - **Include a fee of \$700.**
- Other Technical Assistance - **Include a fee of \$700.** Explain your request in an attachment.

Post-Closure Modifications - NR 727, [181]

- Post-Closure Modifications: Modification to Property boundaries and/or continuing obligations of a closed site or Property; sites may be on the GIS Registry. This also includes removal of a site or Property from the GIS Registry. **Include a fee of \$1050, and:**
 - Include a fee of \$300 for sites with residual soil contamination; and
 - Include a fee of \$350 for sites with residual groundwater contamination, monitoring wells or for vapor intrusion continuing obligations.

Attach a description of the changes you are proposing, and documentation as to why the changes are needed (if the change to a Property, site or continuing obligation will result in revised maps, maintenance plans or photographs, those documents may be submitted later in the approval process, on a case-by-case basis).

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Skip Sections 4 and 5 if the technical assistance you are requesting is listed above and complete Sections 6 and 7 of this form.

Section 4. Request for Liability Clarification

Select the type of liability clarification requested. Use the available space given or attach information, explanations, or specific questions that you need answered in DNR's reply. Complete Sections 6 and 7 of this form. **[Numbers in brackets are for DNR Use]**

"Lender" liability exemption clarification - s. 292.21, Wis. Stats. [686]

❖ **Include a fee of \$700.**

Provide the following documentation:

- (1) ownership status of the real Property, and/or the personal Property and fixtures;
- (2) an environmental assessment, in accordance with s. 292.21, Wis. Stats.;
- (3) the date the environmental assessment was conducted by the lender;
- (4) the date of the Property acquisition; for foreclosure actions, include a copy of the signed and dated court order confirming the sheriff's sale.
- (5) documentation showing how the Property was acquired and the steps followed under the appropriate state statutes.
- (6) a copy of the Property deed with the correct legal description; and,
- (7) the Lender Liability Exemption Environmental Assessment Tracking Form (Form 4400-196).
- (8) If no sampling was done, please provide reasoning as to why it was **not** conducted. Include this either in the accompanying environmental assessment or as an attachment to this form, and cite language in s. 292. 21(1)(c)2.,h.-i., Wis. Stats.:
 - h. The collection and analysis of representative samples of soil or other materials in the ground that are suspected of being contaminated based on observations made during a visual inspection of the real Property or based on aerial photographs, or other information available to the lender, including stained or discolored soil or other materials in the ground and including soil or materials in the ground in areas with dead or distressed vegetation. The collection and analysis shall identify contaminants in the soil or other materials in the ground and shall quantify concentrations.
 - i. The collection and analysis of representative samples of unknown wastes or potentially hazardous substances found on the real Property and the determination of concentrations of hazardous waste and hazardous substances found in tanks, drums or other containers or in piles or lagoons on the real Property.

"Representative" liability exemption clarification (e.g. trustees, receivers, etc.) - s. 292.21, Wis. Stats. [686]

❖ **Include a fee of \$700.**

Provide the following documentation:

- (1) ownership status of the Property;
- (2) the date of Property acquisition by the representative;
- (3) the means by which the Property was acquired;
- (4) documentation that the representative has no beneficial interest in any entity that owns, possesses, or controls the Property;
- (5) documentation that the representative has not caused any discharge of a hazardous substance on the Property; and
- (6) a copy of the Property deed with the correct legal description.

Clarification of local governmental unit (LGU) liability exemption at sites with: (select all that apply)

- hazardous substances spills - s. 292.11(9)(e), Wis. Stats. [649];
- Perceived environmental contamination - [649];
- hazardous waste - s. 292.24 (2), Wis. Stats. [649]; and/or
- solid waste - s. 292.23 (2), Wis. Stats. [649].

❖ **Include a fee of \$700, a summary of the environmental liability clarification being requested, and the following:**

- (1) clear supporting documentation showing the acquisition method used, and the steps followed under the appropriate state statute(s).
- (2) current and proposed ownership status of the Property;
- (3) date and means by which the Property was acquired by the LGU, where applicable;
- (4) a map and the ¼, ¼ section location of the Property;
- (5) summary of current uses of the Property;
- (6) intended or potential use(s) of the Property;
- (7) descriptions of other investigations that have taken place on the Property; and
- (8) (for solid waste clarifications) a summary of the license history of the facility.

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Section 4. Request for Liability Clarification (cont.)

Lease liability clarification - s. 292.55, Wis. Stats. [646]

❖ **Include a fee of \$700 for a single Property, or \$1400 for multiple Properties and the information listed below:**

- (1) a copy of the proposed lease;
- (2) the name of the current owner of the Property and the person who will lease the Property;
- (3) a description of the lease holder's association with any persons who have possession, control, or caused a discharge of a hazardous substance on the Property;
- (4) map(s) showing the Property location and any suspected or known sources of contamination detected on the Property;
- (5) a description of the intended use of the Property by the lease holder, with reference to the maps to indicate which areas will be used. Explain how the use will not interfere with any future investigation or cleanup at the Property; and
- (6) all reports or investigations (e.g. Phase I and Phase II Environmental Assessments and/or Site Investigation Reports conducted under s. NR 716, Wis. Adm. Code) that identify areas of the Property where a discharge has occurred.

General or other environmental liability clarification - s. 292.55, Wis. Stats. [682] - Explain your request below.

❖ **Include a fee of \$700 and an adequate summary of relevant environmental work to date.**

No Action Required (NAR) - NR 716.05, [682]

❖ **Include a fee of \$700.**

Use where an environmental discharge has or has not occurred, and applicant wants a DNR determination that no further assessment or clean-up work is required. Usually this is requested after a Phase I and Phase II environmental assessment has been conducted; the assessment reports should be submitted with this form. This is not a closure letter.

Clarify the liability associated with a "closed" Property - s. 292.55, Wis. Stats. [682]

❖ **Include a fee of \$700.**

- Include a copy of any closure documents if a state agency other than DNR approved the closure.

Use this space or attach additional sheets to provide necessary information, explanations or specific questions to be answered by the DNR.

Section 5. Request for a Specialized Agreement

Select the type of agreement needed. Include the appropriate draft agreements and supporting materials. Complete Sections 6 and 7 of this form. More information and model draft agreements are available at: dnr.wi.gov/topic/Brownfields/Igu.html#tabx4.

Tax cancellation agreement - s. 75.105(2)(d), Wis. Stats. [654]

❖ **Include a fee of \$700, and the information listed below:**

- (1) Phase I and II Environmental Site Assessment Reports,
- (2) a copy of the Property deed with the correct legal description.

Agreement for assignment of tax foreclosure judgement - s.75.106, Wis. Stats. [666]

❖ **Include a fee of \$700, and the information listed below:**

- (1) Phase I and II Environmental Site Assessment Reports,
- (2) a copy of the Property deed with the correct legal description.

Negotiated agreement - Enforceable contract for non-emergency remediation - s. 292.11(7)(d) and (e), Wis. Stats. [630]

❖ **Include a fee of \$1400, and the information listed below:**

- (1) a draft schedule for remediation; and,
- (2) the name, mailing address, phone and email for each party to the agreement.

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Section 6. Other Information Submitted

Identify all materials that are included with this request.

Send both a paper copy of the signed form and all reports and supporting materials, and an electronic copy of the form and all reports, including Environmental Site Assessment Reports, and supporting materials on a compact disk.

Include one copy of any document from any state agency files that you want the Department to review as part of this request. The person submitting this request is responsible for contacting other state agencies to obtain appropriate reports or information.

- Phase I Environmental Site Assessment Report - Date: _____
- Phase II Environmental Site Assessment Report - Date: _____
- Legal Description of Property (required for all liability requests and specialized agreements)
- Map of the Property (required for all liability requests and specialized agreements)

Analytical results of the following sampled media: Select all that apply and include date of collection.

Groundwater Soil Sediment Other medium - Describe: _____

Date of Collection: 10/15/2021

- A copy of the closure letter and submittal materials
- Draft tax cancellation agreement
- Draft agreement for assignment of tax foreclosure judgment
- Other report(s) or information - Describe: No Further Action Letter (NFA) (Immediate Actions) – NR 708.09

For Property with newly identified discharges of hazardous substances only: Has a notification of a discharge of a hazardous substance been sent to the DNR as required by s. NR 706.05(1)(b), Wis. Adm. Code?

- Yes - Date (if known): _____
- No

Note: The Notification for Hazardous Substance Discharge (non-emergency) form is available at:
dnr.wi.gov/files/PDF/forms/4400/4400-225.pdf.

Section 7. Certification by the Person who completed this form

- I am the person submitting this request (requester)
- I prepared this request for: Frank Dombrowski

Requester Name

I certify that I am familiar with the information submitted on this request, and that the information on and included with this request is true, accurate and complete to the best of my knowledge. I also certify I have the legal authority and the applicant's permission to make this request.

Julie A. Zimlara
Signature

12/22/2021
Date Signed

Senior Managing Engineer
Title

(414) 837-3564
Telephone Number (include area code)

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Section 8. DNR Contacts and Addresses for Request Submittals

Send or deliver one paper copy and one electronic copy on a compact disk of the completed request, supporting materials, and fee to the region where the property is located to the address below. Contact a [DNR regional brownfields specialist](#) with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see: <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>.

DNR NORTHERN REGION

Attn: RR Program Assistant
Department of Natural Resources
223 E Steinfest Rd Antigo, WI 54409

DNR NORTHEAST REGION

Attn: RR Program Assistant
Department of Natural Resources
2984 Shawano Avenue
Green Bay WI 54313

DNR SOUTH CENTRAL REGION

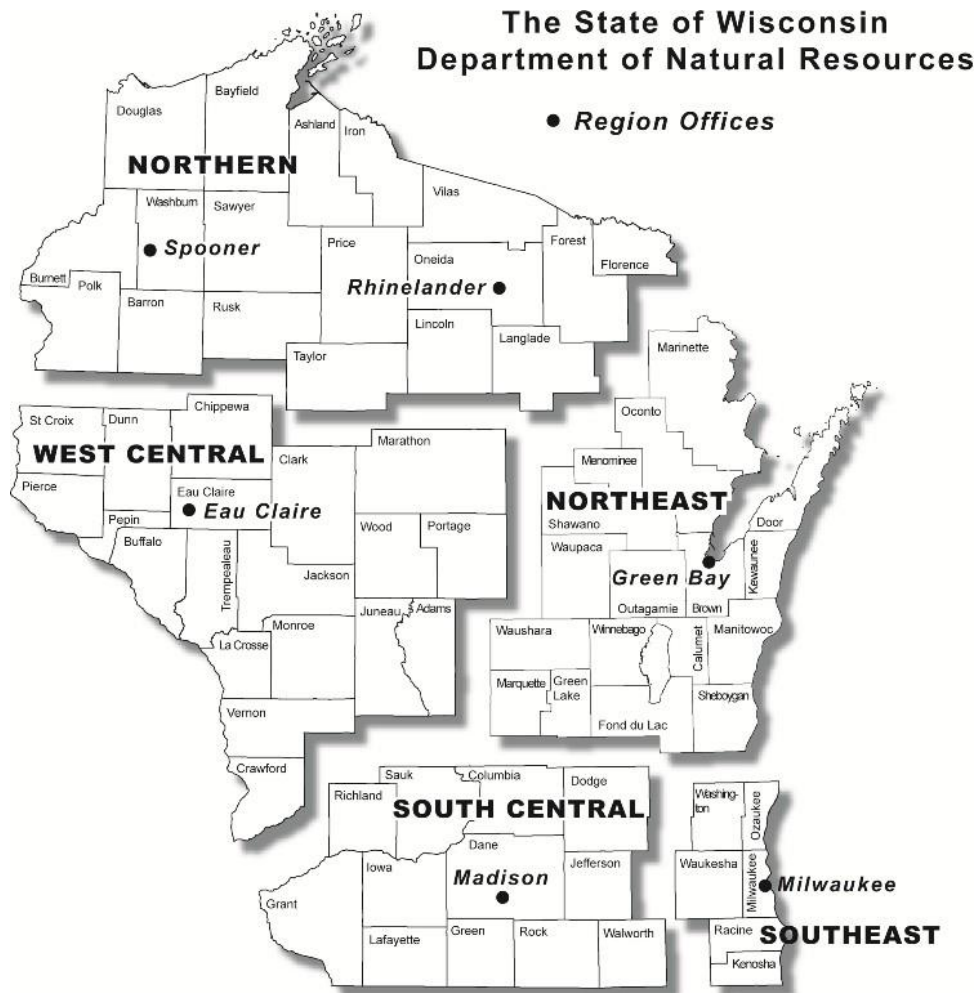
Attn: RR Program Assistant
Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg WI 53711

DNR SOUTHEAST REGION

Attn: RR Program Assistant
Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee WI 53212

DNR WEST CENTRAL REGION

Attn: RR Program Assistant
Department of Natural Resources
1300 Clairemont Ave.
Eau Claire WI 54702



Note: These are the Remediation and Redevelopment Program's designated regions. Other DNR program regional boundaries may be different.

DNR Use Only			
Date Received	Date Assigned	BRRTS Activity Code	BRRTS No. (if used)
DNR Reviewer		Comments	
Fee Enclosed? <input type="radio"/> Yes <input type="radio"/> No	Fee Amount \$	Date Additional Information Requested	Date Requested for DNR Response Letter
Date Approved	Final Determination		



We Energies
231 W. Michigan St.
Milwaukee, WI 53203
www.we-energies.com

January 24, 2022

Ms. Jennifer Dorman
Wisconsin Department of Natural Resources
1027 W. St Paul Avenue
Milwaukee, WI 53233

RE: Letter of Compliance and No Further Action Letter (NFA)
Immediate Actions - NR 708.09
10,000-gallon Diesel Fuel UST and 986-gallon Unleaded Gasoline UST
Pleasant Prairie Power Plant
8000 95th Street, Pleasant Prairie, Wisconsin
Closed BRRTS Activity # **03-30-210485**

Dear Ms. Dorman:

We Energies is providing this letter of compliance and No Further Action Letter (NFA) for documentation of the additional immediate response action for the prior hazardous substance discharge associated with the above-referenced closed BRRTS case. The discharge was previously reported to the DNR in 1998 and the case was closed in 2012. In October 2021, the two USTs associated with the closed LUST case were removed and an NR 708 immediate response action performed. The two tanks are identified with tank ID numbers 96653 and 108852. As documented in the attached report, the immediate response action is complete and no further action is necessary to respond to the hazardous substance discharge or environmental pollution.

An electronic copy of this document has been provided to you at the Web Access Management System document upload portal. A fee of \$350.00 for the NFA is included.

Please feel free to contact me at your convenience at (414) 221-2156 or via email at frank.dombrowski@wecenergygroup.com if there are any questions or if further information may be needed.

Sincerely,

A handwritten signature in black ink that reads "Frank Dombrowski".

Frank Dombrowski
Principal Environmental Consultant
WEC Energy Group – Business Services
Environmental Dept.

Enclosures: NFA Report (via Web portal)
DNR Review Fee (check for \$350.00)

CC: Project File
Julie Zimdars, Ramboll

Intended for
WEC Energy Group

Document type
No Further Action (NFA) Letter

Date
January 2022

NO FURTHER ACTION LETTER (IMMEDIATE ACTIONS) – NR 708.09 PLEASANT PRAIRIE POWER PLANT USTS

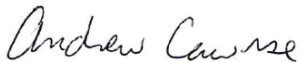
Closed BRRTS Activity No. 03-30-210485

**NO FURTHER ACTION LETTER (IMMEDIATE ACTIONS) – NR 708.09
PLEASANT PRAIRIE POWER PLANT USTS**

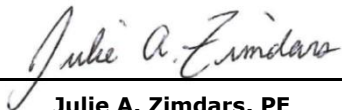
Project name **Pleasant Prairie Power Plant No Further Action Letter**
Project no. **1940101805**
Recipient **WDNR**
Document type **No Further Action Letter (NFA) (Immediate Actions) – NR 708.09**
Version **0**
Date **January 24, 2022**
Prepared by **Andrew Cawrse**
Checked by **Julie Zimdars**
Approved by **Julie Zimdars**

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Andrew G. Cawrse
Environmental Scientist



Julie A. Zimdars, PE
Senior Managing Engineer

I hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

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Attachment 4	Soil Boring Logs and Abandonment Forms
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1. SITE AND NO FURTHER ACTION RESPONSE INFORMATION

1.1 Introduction

This No Further Action Letter and Immediate Action Report was prepared by Ramboll Americas Engineering Solutions Inc. (Ramboll) on behalf of WEC Energy Group for two underground storage tanks located at the Pleasant Prairie Power Plant and removed as part of the plant decommissioning and sale transaction. A previously closed LUST case (BRRTS Activity No. 03-30-210485) is associated with the same release, as described below. The discharge was previously reported to the DNR in 1998 and the case was closed in 2012. Upon tank removal/closure activities, additional petroleum soil impacts were found and addressed as part of an Immediate Action per NR 708. Estimates of contaminated soil volume requiring removal were approximately 100 cubic yards. The actual removal volume was approximately 150 cubic yards.

Following NR 708.05(3)(b) for the response as a non-emergency immediate action appears appropriate as it meets the criteria below:

1. The discharge does not pose an imminent threat to public health, safety, or welfare or the environment.
2. The response does not result in the excavation and disposal, treatment, or storage of more than 100 cubic yards of contaminated soil, debris, sediment, or a combination of these media from a single site or facility, unless an alternative volume is approved by the department.
3. The discharge is responded to immediately after the hazardous substance discharge occurs or is responded to immediately after discovery.
4. At the completion of the response action, no further action is required by the department under s. NR 708.09.

NR 708.05 (3)(c) is also applicable as all of three conditions below are met, which says: Responsible parties shall conduct sampling at the completion of an immediate action, in accordance with the requirements of ss. NR 712.05 and 716.13, when any of the following conditions are met:

1. The hazardous substance discharge or environmental pollution is in contact with groundwater.
2. The amount, identity or duration of the hazardous substance discharge or environmental pollution is unknown.
3. Where other site or facility conditions indicate that sampling is necessary to confirm the adequacy of the immediate action.

This report addresses the following required criteria to document the completion of the Immediate Response Action per NR 708.09 No Further Action (NFA):

- (a) The type of hazardous substance discharged or the type of environmental pollution, including the toxicity, mobility and volume of the contamination.
- (b) The duration of the discharge.
- (c) Time until the discharge or environmental pollution was responded to and properly contained or eliminated.
- (d) Any mitigation efforts that may have accelerated the migration of the environmental pollution or hazardous substances, such as any fire mitigation methods.
- (e) Weather conditions at the site or facility, such as any precipitation that may have accelerated the migration of the contamination, from the time of the discharge until the response was completed.
- (f) Migration potential of the contamination, including soil conditions, proximity to surface water bodies, location of drains or storm sewers, depth to groundwater and the integrity of any containment area.
- (g) The nature and scope of any immediate action conducted.
- (h) The results of any sampling conducted to confirm the adequacy of the response, taken in accordance with s. NR 708.05(3)(c).
- (i) Visual and olfactory evidence of contamination.
- (j) Actual or potential environmental impacts.
- (k) Proximity of contamination to receptors.
- (L) Present and anticipated future land use.
- (m) Whether or not routes of exposure are protective and the environment has been restored to the extent practicable.
- (n) Any other information that the department considers relevant.

The report text will reference the specific letter (e.g. **NFA(a)**, **NFA(b)**, etc.) intended for addressing each of these and will not occur in the order above.

1.2 Site Location, Tank Description, and Site Information

The Site is located at 8000 95th Street in Pleasant Prairie, Kenosha County, Wisconsin as shown on Figure 1. The Site is comprised of an approximately 403-acre parcel (parcel number 92-4-122-164-0011) that was improved with the Pleasant Prairie Power Plant, which is in the process of being demolished. The Site is bordered by vacant properties and commercial and industrial properties.

One single-walled fiberglass 10,000-gallon diesel fuel UST (Tank ID 108852) and one single-walled fiberglass 986-gallon unleaded gasoline UST (Tank ID 96653) were located in the southeast portion of the Site near a maintenance/storage building (a.k.a. tractor building) (Figure 2). The Wisconsin Department of Agriculture, Trade & Consumer Protection (DATCP) tank registration forms and tank details are included in Attachment 1. A summary of Site information is provided below:

Site Name	WEPCO Pleasant Prairie Power Plt
Responsible Party	We Energies 333 West Everett Street Milwaukee, WI 53203
Responsible Party Contact	Frank Dombrowski Principal Environmental Consultant WEC Energy Group – Business Services 333 West Everett Street, A231 Milwaukee, WI 53203 (414) 221-2156 frank.dombrowski@wecenergygroup.com
Environmental Consultant	Ramboll 234 West Florida Street Milwaukee, WI 53204 Project Manager: Ms. Julie Zimdars, PE (414) 837-3564 Julie.Zimdars@ramboll.com
BRRTS Activity Number	03-30-210485
Site Location	8000 95 th Street, Village of Pleasant Prairie, Kenosha County; reference the relevant United States Geological Survey (USGS) 7.5- Minute Series Topographic Map provided as Figure 1 – Site Location Map.
Facility ID	230006260
Property Owner	Wisconsin Electric Power Co
Parcel Number	92-4-122-164-0011
Section-Town-Range	NE 1/4 of the NW 1/4 of Sec 21, T01N, R22E
WTM	X: 692069, Y: 231552
Longitude and Latitude	-87.9046331, 42.5372032
Land Area	Total acreage is approximately 403 acres
Legal Description	604-D PT SE 1/4 SEC 9 & PT SEC 16 & PT N 1/2 SEC 21 T 1 R 22 LANDS LOCATED S OF BAIN STATION RD & N OF 95TH ST BETWEEN E ROW LN CHICAGO PACIDIF RR ON THE W & W ROW LN UNION PACIFIC RR ON E EXC THE S 616.48 FT OF E 1415.35 FT 403.29 AC (2002 COMB 91-4-122-094-0200, -094-0202, 92-4-122-161-0152, - 163-0005, 163-0130, -164-0005, -164-0010, -164-0050, -164-0250, - 211-0100, -212-0005 INTO 92-4-122-164-0011) DOC #1247215 DOC #1252360 DOC #1673557 EASMT

1.3 Site and Adjoining Properties Use and Zoning [NFA(L)]

The Site was improved with the Pleasant Prairie Power Plant, which is in the process of being demolished. Review of the Pleasant Prairie Zoning Map indicates that the site is currently zoned M-4; Sanitary Landfill and Hazardous Waste Disposal District and C-1; Lowland Resource Conservancy District. The future use of the property is anticipated to be commercial/industrial.

The Site is bordered by vacant properties to the north, vacant properties and commercial and industrial properties to the east, commercial and industrial properties to the south, and vacant properties and commercial properties to the west.

Review of the Pleasant Prairie Zoning Map indicates that the adjoining properties are zoned as follows:

- North: M-4; Sanitary Landfill and Hazardous Waste Disposal District
- East: C-1; Lowland Resource Conservancy District, PR-1; Park-Recreation District, and M-2; Heavy Manufacturing District
- South: M-2; Heavy Manufacturing District
- West: C-1; Lowland Resource Conservancy District, A-2; General Agricultural District; and M-2; Heavy Manufacturing District

1.4 Site Record Search

WEPCO Power Plt (BRRTS Activity No. 02-30-001149): Closed Environmental Repair Program (ERP) case file that was opened May 12, 1995 due to reported petroleum release. The ERP case was closed January 2, 1996.

WEPCO Locomotive Refueling Area (BRRTS Activity No. 03-30-215807): Closed Leaking Underground Storage Tank (LUST) case file that was opened February 17, 1999 following a Tank-System Site Assessment (TSSA). No further action was required and the LUST case was closed April 13, 1999.

WEPCO Pleasant Prairie Power Plt (BRRTS Activity No. 03-30-210485): Closed LUST case file that was opened December 29, 1998 and closed July 3, 2012. This NFA relates to this closed LUST case and is further discussed below in Section 2.

Pleasant Prairie Power Plant (BRRTS Activity No. 02-30-576938): Open ERP case file that was opened March 18, 2016 due to reported petroleum release. The ERP case is still open.

No other listings for the Site were present on the BRRTS site.

1.5 General Release Information [NFA(a)(b)(c)(d)(e)]

A release of petroleum product occurred in the vicinity of the dispensers for the 10,000-gallon diesel fuel UST and 986-gallon unleaded gasoline UST, which were installed in June 1980. The duration of the discharge and amount of product released is unknown; however, as discussed below in Section 2, a release was initially identified in the vicinity of the dispensers in December 1998. Further investigation in the vicinity of the tanks in 2011 did not identify widespread impacts in the vicinity of the tank system.

The release was again identified in the vicinity of the dispensers during the TSSA completed on October 15, 2021 and immediate response excavation activities were completed by November 23, 2021.

No mitigation efforts accelerated the migration of the petroleum product during the response activities. Following the TSSA, the tank pit excavation was backfilled to prevent petroleum migration due to precipitation prior to the immediate response excavation activities. The immediate response excavation activities are further discussed below.

2. MIGRATION POTENTIAL AND PROXIMITY TO RECEPTORS

2.1 Prior LUST Case Investigation and Extent of Migration [NFA(f)]

A LUST case (BRRTS Activity No. 03-30-210485) was opened at the Site on December 29, 1998. Review of the case file for the BRRTS case indicates that a release was identified in the vicinity of the two tanks discussed in this report. The release was identified during replacement of buried piping connecting the two USTs to the fueling equipment. Following the identification of the release, a limited investigation was conducted in November 2011 to evaluate the extent of contaminant migration.

The investigation consisted of advancing four soil borings to 15 feet below ground surface (bgs) in the vicinity of the tanks and dispensers and collecting soil samples for diesel range organics (DRO), gasoline range organics (GRO), PVOCs and naphthalene, and polycyclic aromatic hydrocarbon (PAH) analysis. In addition, groundwater samples were collected from existing monitoring wells MW-1, MW-3, and P2 at the Site and analysed for PVOCs and PAHs. Based on the results of the investigation:

- Low level DRO, GRO, naphthalene, trimethylbenzenes, xylenes, and several PAHs were detected in the soil samples. However, there were no RCL exceedances in any of the soil samples.
- PVOCs were not detected at concentrations above the laboratory reporting limits in any of groundwater samples. Select PAHs were detected but at concentrations below the preventive action limit (PAL).

Based on the findings of the investigation activities, no additional investigation was recommended and the LUST case was closed July 3, 2012.

2.2 Proximity to Receptors [NFA(k)]

The proximity to receptors was evaluated including:

- Existing/former utility corridors
- Basements, sumps, and other structures
- Off-site private and public well search
- Sensitive habitats, ecosystems, and surface waters

Existing/former utility corridors

Multiple utilities including water mains, underground natural gas lines, telecommunication lines, and underground electric lines are located at the Site and properties and road rights-of-way adjoining the Site. However, preferential pathways do not exist in the vicinity of the former tanks for soil or groundwater migration within utility corridors as the underground utilities do not intersect the area impacted by the release from the tank system.

Basements, sumps, and other structures

There was a maintenance building adjoining the area of the release from the tank system. However, this building has been demolished and did not have a basement that would act as a preferential migration or exposure pathway.

Off-site private and public well search

Based on review of the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP) online Well Constructor's Reports Geographic Information System (GIS) website, several private wells were installed in the 1960s for former residential properties adjoining the Site. These properties have since been redeveloped for commercial/industrial purposes. The identified wells are located at least 1,000 feet from the release from the tank system.

The Site and surrounding properties are connected to the Village of Pleasant Prairie drinking water utility. The Village of Pleasant Prairie receives its drinking water from Lake Michigan. Based on this information, the release at the Site is not considered a potential source of contamination to public and/or private water supply wells. As such, public or private water supply wells were not sampled.

Sensitive habitats, ecosystems, and surface waters

Based on review of the WDNR Surface Water Viewer online GIS website, several small streams, wetlands, and wetland indicator soils are located in the northern portion of the Site and on the adjoining properties. However, these areas are located at least 1,100 feet from the release from the tank system. As such, there are limited potential impacts to sensitive habitats, ecosystems, wetlands, or surface waters.

The release is approximately 3,500 feet from Lake Andrea, a man-made lake, and more than 4 miles from Lake Michigan. Based on the distance from the surface water, the surface water is not a potential receptor.

3. UST REMOVAL AND ASSESSMENT

Tank closure activities were conducted October 7, 2021 by Brandenburg Industrial Service Company (Brandenburg), a DATCP-certified tank remover/cleaner (Certification Number 501606). A certified Tank-System Site Assessor was not present during the removal of the tanks, dispensers, or piping. As such, a TSSA was not conducted during the initial closure activities. The tank closure activities were relayed to Ramboll by Brandenburg and included the following:

- Removal of the residual product from the tanks and piping into a vacuum truck for disposal; removal of the pump islands and dispensers; and removal of the piping.
- Excavation of soil on both sides of the tanks to expose the top and sides of the tanks. The tanks were extracted from the tank pit and staged on the ground surface adjacent to the excavation. The tanks were visually inspected for holes or possible leak locations by Brandenburg. No holes or breaches in the tanks were observed. Following the tank removal from the ground, Brandenburg assessed the excavation base and sidewalls. Evidence of impacted soils (staining and odors) was not observed in the base of the tank cavity. Groundwater was observed in the base of the tank cavity. Soil excavated from the tank cavity was stockpiled onsite.

Following removal and disposal of the tank, Brandenburg contracted Ramboll to complete the TSSA. Tank-System Site Assessor Andrew Cawrse (Certification Number 403370) completed the TSSA on October 15, 2021.

3.1 Tank System Site Assessment

One 10,000-gallon diesel fuel UST (Tank ID 108852) tank ID and one 986-gallon unleaded gasoline UST (Tank ID 96653) were located in the southeast portion of the Site adjacent to a maintenance/storage building. The tanks were located end to end in the same tank bed. Subsurface concrete walls were present on three sides of both tanks (see Figure 3). These concrete walls were removed during the tank closure activities, with the exception of the wall along the northern side of the tanks which was left in place since it was tied into the building footings.

The sidewall soil samples collected from the southern and western sidewalls consisted of native clay and the sidewall samples collected from the northern and eastern sidewalls consisted of sand and gravel fill material. Native material could not be collected from the northern and eastern sidewalls due to the presence of the concrete wall running along the northern sidewall and the building foundation to the east. The sidewall samples were collected at least 12 inches into the wall of the tank-bed at depths of approximately 9 feet below ground surface (bgs). Evidence of impacted soils (odors) was observed in the samples collected from the vicinity of the former dispensers. Since approximately one foot of groundwater was observed in the excavation, no floor soil samples were collected and the sidewall soil samples were collected just above the soil-water interface. Limited sheen on the groundwater was observed in the base of the tank cavity. The following samples were collected:

Diesel Fuel UST TSSA

- Two sidewall samples were collected from the north excavation wall at a depth of 9 feet (samples D1-SW-NE and D1-SW-NW).
- Two sidewall samples were collected from the south excavation wall at a depth of 9 feet (samples D1-SW-SE and D1-SW-SW).
- One sidewall sample was collected from the west excavation wall at a depth of 9 feet (sample D1-SW-W).
- One soil sample (D1-D) was collected from the fill material at a depth of approximately 3 feet below the dispenser supply piping.

Gasoline UST TSSA

- One sidewall sample was collected from the north excavation wall at a depth of 9 feet (sample G-SW-N).
- One sidewall sample was collected from the south excavation wall at a depth of 9 feet (sample G-SW-S).
- One sidewall sample was collected from the east excavation wall at a depth of 9 feet (sample G-SW-E).
- One soil sample (G-D) was collected from the fill material at a depth of approximately 3 feet below the dispenser supply piping.

The sidewall and dispenser soil sample locations are depicted on Figure 3. The dispensers for the USTs were located in close proximity to the tank bed and the limited piping associated with the dispensing systems was mostly located within the tank bed footprint. Since the soil in the vicinity of the piping was excavated during the tank closure, no piping samples were collected.

The samples were screened for volatile organic compounds (VOCs) using a photoionization detector (PID) with a 10.6 electron volt (eV) lamp. The soil samples were submitted to Pace Analytical of Green Bay, WI (Pace) for analysis of petroleum volatile organic compounds (PVOCs) and naphthalene.

The Wisconsin Department of Natural Resources (WDNR) TSSA forms are included as Attachment 2. Photographs taken during TSSA activities are included as Attachment 3.

3.2 TSSA Soil Analytical Results

Soil analytical results were compared to the NR 720 soil to groundwater pathway residual contaminant levels (RCLs) and non-industrial direct contact RCLs. The analytical results indicate the following:

- Total trimethylbenzenes were detected at concentrations exceeding the groundwater pathway RCL in the sample collected from the gasoline UST north excavation wall (sample G-SW-N).
- Total trimethylbenzenes and naphthalene were detected at concentrations exceeding their respective groundwater pathway RCLs in the sample collected from below the diesel UST dispenser supply piping (sample D1-D).

- Total trimethylbenzenes were detected at concentrations exceeding the groundwater pathway RCL in the sample collected from the diesel UST north excavation wall (sample D1-SW-NE).
- Methyl-tert-butyl-ether was detected at concentrations exceeding the groundwater pathway RCL in the sample collected from the diesel UST south excavation wall (sample D1-SW-SE). The methyl-tert-butyl-ether detection at this location is an estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).
- Trimethylbenzenes were detected but at concentrations below the groundwater pathway and non-industrial direct contact RCLs in the sample collected from below the gasoline UST dispenser supply piping (sample G-D).
- PVOCs and naphthalene were not detected at concentrations above the laboratory reporting limits in any of the remaining sidewall soil samples.

The soil analytical results are summarized in Table 1.

4. FIELD INVESTIGATION ACTIVITIES

In order to assist with determining the extent of soil impacts, field investigation activities were conducted at the Site. Prior to mobilization, Wisconsin Diggers Hotline was contacted to mark public utilities.

4.1 Soil Boring Investigation

On November 11, 2021, On-Site Environmental Services, Inc. (On-Site) of Sun Prairie, Wisconsin utilized a Geoprobe™ to advance the borings and collect continuous soil samples from each soil boring. Borings were advanced from the ground surface to depths of 15 feet below ground surface (bgs). Soil samples were collected at two-foot intervals, logged for soil type and visual description, and field screened using a photoionization detector (PID) with a 10.6 eV lamp.

Five soil borings (SB-01 through SB-05) were completed at the Site. PID readings and soil characteristics from each boring location are summarized on the boring logs presented in Attachment 4. Abandonment forms for each boring are also included in Attachment 4. Soil boring locations are depicted on Figure 3. One to two soil samples were collected from each of the boring locations.

The samples were placed in laboratory supplied glassware and transported on ice to Pace under standard chain-of-custody procedures and submitted for analysis of PVOCs and naphthalene.

4.2 Geology [NFA(f)]

Unconsolidated materials encountered in the soil borings include: fill underlain by native soil consisting of alternating layers of fine-grained sand and stiff sandy clay. Fill material consisting of sand and gravel was observed to depths of approximately 1 to 2 feet. The low permeability of the clay layers limited the transport of contaminants. Soil boring logs and abandonment forms are provided in Attachment 4.

4.3 Soil Investigation Analytical Results

Soil analytical results were compared to the NR 720 soil to groundwater pathway RCLs and non-industrial direct contact RCLs. The soil analytical results indicate the following:

- Methyl-tert-butyl-ether was detected at concentrations exceeding the groundwater pathway RCL in the soil boring SB-01 (8-10) located on the south side of the tank excavation. The methyl-tert-butyl-ether detection at this location is an estimated concentration at or above the LOD and below the LOQ.
- PVOCs and naphthalene were not detected at concentrations above the laboratory reporting limits in any of the remaining soil boring samples.

Soil analytical results are summarized in Table 1. The laboratory analytical report for soil samples is provided in Attachment 5.

4.4 Groundwater Investigation

Following completion of the soil sampling, two temporary groundwater monitoring wells (TW-1 and TW-2) were installed in two boring locations (SB-01 and SB-02, respectively). The temporary wells were constructed with a 10-foot well screen at each location with the screen bracketing the 5 to 15-foot bgs interval. The temporary wells were abandoned after sampling was conducted. Temporary monitoring well locations are depicted on Figure 3.

Groundwater samples were collected in laboratory supplied glassware and transported on ice to Pace under standard chain-of-custody procedures and submitted for analysis of PVOCs and naphthalene.

4.5 Hydrogeology

Static water levels were collected from the temporary wells using a water level indicator and was encountered at depths between 4 and 7 feet bgs.

4.6 Groundwater Investigation Analytical Results

Groundwater analytical results were compared to NR 140, Wisconsin Administrative Code (WAC) PALs and enforcement standards (ESs). Based on groundwater analytical results:

- Benzene and methyl-tert-butyl-ether were detected at concentrations slightly exceeding their respective PALs but below their ESs in well TW-1 located south of the former tanks. The benzene detection at this location is an estimated concentration at or above the LOD and below the LOQ. The soil in the well area was excavated as described in Section 5.
- PVOCs and naphthalene were not detected at concentrations above the laboratory reporting limits in the groundwater sample from well TW-2.

Groundwater analytical results are summarized in Table 2. The laboratory analytical report for groundwater samples is provided in Attachment 5.

5. IMMEDIATE ACTION EXCAVATION

Following the field investigation activities on November 11, an immediate action excavation was conducted using all the data collected previously to determine required removal extents [NFA(g)]. Estimates of contaminated soil volume requiring removal were approximately 100 cubic yards. The actual removal volume was approximately 150 cubic yards. On November 15, 2021, Ramboll directed the excavation activities conducted by Brandenburg to remove identified impacts along the north wall of the tank bed in the vicinity of the former dispensers. In addition, a smaller area was excavated adjacent to the south wall of the tank bed. Soil samples were field screened using a PID. The soil encountered during excavation consisted of a coarse sandy to gravelly fill underlain by clay. Petroleum impacts (e.g., petroleum odor, PID detections) were observed in the soil beneath the former dispensers. The excavation area was extended laterally and vertically until there were no observable petroleum impacts. Access to the north excavation wall had been restricted by a reinforced concrete foundation. Photographs taken during immediate action excavation activities are included as Attachment 3.

The following confirmation samples were collected [NFA(h)(i)(j)]:

- Two sidewall samples were collected from the northern excavation, north excavation wall at a depth of 6 feet (EW-N1 and EW-N2).
- One sidewall sample was collected from the northern excavation, east excavation wall at a depth of 6 feet (EW-E).
- One sidewall sample was collected from the northern excavation, west excavation wall at a depth of 6 feet (EW-W).
- Four floor samples were collected from the northern excavation floor at a depth of 9 to 10 feet (EB-1, EB-2, EB-3, and EB-4)
- One sidewall sample was collected from the southern excavation, south excavation wall at a depth of 6 feet (EW-S).
- One floor sample was collected from the southern excavation floor at a depth of 10 feet (EB-5).

The samples were screened for VOCs using a PID. The soil samples were submitted to Pace for analysis of PVOCs and naphthalene. Confirmation sample locations are depicted on Figure 4.

5.1 Immediate Action Excavation Soil Analytical Results [NFA(h)(i)(j)]:

Soil analytical results were compared to the NR 720 soil to groundwater pathway RCLs and non-industrial direct contact RCLs. The analytical results indicate the following:

- Methyl-tert-butyl-ether was detected at concentrations exceeding the groundwater pathway RCL in samples EB-1 and EB-2 collected from the excavation floor and sample EW-N2 collected from the north excavation wall. The methyl-tert-butyl-ether detection for sample EB-1 is an estimated concentration at or above the LOD and below the LOQ.

- Toluene was detected at concentrations below the groundwater pathway RCL and non-industrial direct contact RCL in samples EB-1 and EW-S. The toluene detections at these locations are estimated concentration at or above the LOD and below the LOQ.
- PVOCs and naphthalene were not detected at concentrations above the laboratory reporting limits in any of the remaining sidewall and floor soil samples.

5.2 Additional Immediate Action Excavation Activities and Soil Analytical Results

Based on the soil analytical results, a second round of excavation was completed on November 23, 2021. The excavation remained unbackfilled, awaiting the confirmation sample results. As directed by Ramboll, Brandenburg further excavated the eastern half of the prior excavation an additional 1-3 ft in depth for a total of 10-12 ft bgs. The reinforced concrete foundation was broken and removed as necessary and the northern excavation wall was excavated an additional one foot to the north. No evidence of impacts were observed following the excavation activities.

Three confirmation samples were taken following the additional excavation activities, two of the excavation floor (EB-1A and EB-2A) and one on the north excavation wall (EW-N2A). The north, east, and west sidewalls of the immediate action excavation consisted of clay and the south side of the excavation was the remaining concrete wall. Confirmation sample locations are depicted on Figure 4.

The soil samples were submitted to Pace for analysis of PVOCs and naphthalene. Based on soil analytical results, PVOCs and naphthalene were not detected at concentrations above the laboratory reporting limits in any of the soil samples. The soil analytical results are summarized in Table 1 and the laboratory analytical report is included in Attachment 5.

Following the excavation activities, the excavation was backfilled with clean crushed concrete. The excavated material was initially stockpiled on plastic and then transported to Waste Management Pheasant Run landfill in Bristol, Wisconsin for biopile disposal following excavation activities. The landfill disposal profile is provided in Attachment 6. The amount disposed at the landfill was 335.96 tons.

6. FINDINGS

Based on the site observations and laboratory analytical results obtained during the performance of this tank closure and immediate action, Ramboll makes the following findings:

- Following a release observed and reported during replacement of tank system piping in 1998, a limited soil and groundwater investigation was conducted in the vicinity of the tanks and dispensers in 2011. Based on the results of that investigation, the extent of the release was not widespread and the LUST case was closed in 2012.
- In October 2021, one 10,000-gallon diesel fuel UST and one 986-gallon unleaded gasoline UST were removed from the Site. A TSSA was conducted for the tanks and identified select PVOCs and naphthalene soil impacts that appeared limited in extent in the vicinity of the former dispensers. In addition, soil impacts were identified at the south excavation sidewall that also appeared limited.

- Five soil borings with two temporary wells were installed in November 2021 to assist with determining the extent of soil impacts and assess potential groundwater impacts. These results provided the following:
 - The soil impacts were confirmed to be limited in the vicinity of the former dispensers and only limited soil impacts were identified south of the former tanks.
 - Benzene and methyl-tert-butyl-ether were detected at concentrations slightly exceeding their respective PALs but below the ESs in the groundwater sample collected from temporary well TW-1 south of the tank bed. The benzene detection at this location is an estimated concentration at or above the LOD and below the LOQ. The soil in the vicinity of well TW-1 was excavated, as such the PVOC impacted material in the vicinity of well TW-1 has been removed.
 - PVOCs and naphthalene were not detected at concentrations above the laboratory reporting limits in the groundwater sample from well TW-2.
- Remaining petroleum-impacted soil was excavated from the vicinity of the former dispensers and the area south of the former tanks. Based on the results of confirmation sampling, PVOCs and naphthalene were not detected at concentrations above the laboratory reporting limits in any of the final confirmation soil samples collected from the excavations.
- The low permeability of the native clay and the presence of the concrete containment walls limited the transport of contaminants.

7. CONCLUSIONS

The TSSA and surrounding soil boring results indicated that soil impacts were limited in degree and extent. An immediate action consisting of excavation and disposal of approximately 100 cubic yards of petroleum-impacted soil was conducted in November 2021.

PVOCs and naphthalene were not detected at concentrations above the laboratory reporting limits in any of the final confirmation soil samples collected from the excavation; therefore, no additional investigation and/or remedial activities are warranted. Following the immediate action, no routes of exposure are known, the environment has been restored to the extent practicable, and no further action is required [NFA(m)].

TABLES

Table 1. Soil Analytical Results

No Further Action Letter and Immediate Action Report

Underground Storage Tank Closure Report – 10,000-Gallon Diesel Fuel UST and 986-Gallon Gasoline UST

Pleasant Prairie Power Plant

8000 95th Street, Pleasant Prairie, Wisconsin

Soil Sample Location:	WI Soil to GW Pathway RCL (DF 2)	WI Soil Non-Industrial Direct Contact RCLs	TSSA Samples													Surrounding Borings									
			Excavated			Excavated			Excavated			Excavated				Excavated									
			G-D	G-SW-E	G-SW-N	G-SW-N	G-SW-S	D1-D	D1-SW-NE	D1-SW-NE	D1-SW-NW	D1-SW-SE	D1-SW-SW	D1-SW-W	TRIP BLANK	SB-01	SB-01	SB-02	SB-02	SB-03	SB-04	SB-05	SB-05		
Field Sample ID:			G-D	G-SW-E	G-SW-N	G-DUP	G-SW-S	DI-D	DI-SW-NE	DI-DUP	DI-SW-NW	DI-SW-SE	DI-SW-SW	DI-SW-W	TRIP BLANK	SB-01(6-8)	SB-01(8-10)	SB-02(10-12)	SB-02(7-9)	SB-03(6-8)	SB-04(6-8)	SB-05(0-2)	SB-05(10-12)		
Sample Depth (feet bgs):			3	9	9	9	9	3	9	9	9	9	9	9	9	6 - 8	8 - 10	10 - 12	7 - 9	6 - 8	6 - 8	0 - 2	10 - 12		
Sample Date:			10/15/2021	10/15/2021	10/15/2021	10/15/2021	10/15/2021	10/15/2021	10/15/2021	10/15/2021	10/15/2021	10/15/2021	10/15/2021	10/15/2021	10/15/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/11/2021		
PVOCs and Naphthalene																									
1,2,4-Trimethylbenzene	µg/kg	<u>NS</u>	219,000	230	<17.3	4,120	4,510	<20.3	1,730	1,820	1,770	<20.1	<20.1	<20.8	<20.2	<14.9	<21.1	<19.4	<20.3	<20.9	<21.9	<20.7	<18.8	<20.6	
1,3,5-Trimethylbenzene	µg/kg	<u>NS</u>	182,000	68.3 J	<18.7	1,590	1,580	<22.0	821	914	840	<21.8	<21.7	<22.5	<21.8	<16.1	<22.8	<21.0	<21.9	<22.6	<23.7	<22.3	<20.3	<22.2	
Trimethylbenzenes, Total ¹	µg/kg	<u>1,379</u>	182,000	298.3	<36	5,710	6,090	<42.3	2,551	2,734	2,610	<41.9	<41.8	<43.3	<42	<31	<43.9	<40.4	<42.2	<43.5	<45.6	<43	<39.1	<42.8	
Benzene	µg/kg	<u>5.1</u>	1,600	<27.5	<13.8	<27.7	<27.5	<16.2	<13.6	<28.3	<13.9	<16.1	<16.0	<16.6	<16.1	<11.9	<16.8	<15.5	<16.2	<16.7	<17.5	<16.5	<15.0	<16.4	
Ethylbenzene	µg/kg	<u>1,570</u>	8,020	<27.5	<13.8	<27.7	<27.5	<16.2	71.5	<28.3	<13.9	<16.1	<16.0	<16.6	<16.1	<11.9	<16.8	<15.5	<16.2	<16.7	<17.5	<16.5	<15.0	<16.4	
Methyl-tert-butyl-ether	µg/kg	<u>27</u>	63,800	<33.9	<17.1	<34.2	<33.9	<20.1	<16.9	<35.0	<17.1	<19.9	42.4 J	<20.5	<19.9	<14.7	<20.8	64.4 J	<20.0	<20.6	<21.6	<20.4	<18.5	<20.3	
Naphthalene	µg/kg	<u>658.2</u>	5,520	<36.0	<18.1	<36.3	<36.0	<21.3	912	<37.2	<18.2	<21.1	<21.0	<21.8	<21.1	<15.6	<22.1	<20.3	<21.3	<21.9	<22.9	<21.6	<19.7	<21.5	
Toluene	µg/kg	<u>1,107</u>	818,000	<29.1	<14.7	<29.3	<29.1	<17.2	<14.4	<30.0	<14.7	<17.0	<17.0	<17.6	<17.1	<12.6	<17.8	<16.4	<17.2	<17.7	<18.5	<17.5	<15.9	<17.4	
Xylenes, Total ²	µg/kg	<u>3,960</u>	260,000	<83.3	<42.0	562	558	<49.3	360	175 J	163 J	<48.8	<48.6	<50.5	<48.9	<36.1	<51.1	<47.1	<49.2	<50.6	<53.1	<50.1	<45.5	<49.9	
Xylene, o	µg/kg	<u>NS</u>	NS	<34.6	<17.4	141	109 J	<20.5	204	<35.7	25.9 J	<20.3	<20.2	<21.0	<20.3	<15.0	<21.2	<19.6	<20.4	<21.0	<22.1	<20.8	<18.9	<20.7	
Xylenes, m + p	µg/kg	<u>NS</u>	NS	<48.7	<24.5	421	448	<28.8	156	175 J	137	<28.5	<28.4	<29.5	<28.6	<21.1	<29.9	<27.5	<28.8	<29.6	<31.0	<29.3	<26.6	<29.1	

Notes:

<u>Underline</u>	exceeds Groundwater Pathway RCL DF 2
<i>italic</i>	exceeds Non-Industrial Direct Contact RCLs

***Screening Levels:**

Groundwater Pathway RCLs (based on a Dilution Factor of 2) and Non-Industrial Direct Contact RCLs are derived from the WDNR NR720 Soil Cleanup Standards, last updated December 2018.

Lab comments and definitions can be found in associated laboratory reports.

< = Concentration is less than reported limit
 µg/kg = micrograms per kilogram (equivalent to parts per billion - ppb)
 bgs = below ground surface
 DC = Direct Contact
 J = Estimated Concentration between LOD and LOQ
 NA = Not applicable
 NS = No Standard
 PVOC = Petroleum Volatile Organic Compounds
 RCL = NR720 Soil Residual Contaminant Level (WDNR) (June 2018)
 U = Concentration was not detected above the reported limit

- Total trimethylbenzenes were calculated by Ramboll as follows:
 - Where no detections were observed, the sum of the reporting limits is presented.
 - Where detections were observed, the detected results were added together for the total summation.
 - Analytes used for the calculation are 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.
- Total xylenes were calculated by the analytical lab.

Sample Nomenclature

G = 986-gallon gasoline UST near maintenance building
 D = dispenser
 D1 = 10,000-gallon diesel UST near maintenance building
 Dup = QA/QC duplicate sample
 EB = excavation bottom
 EW = excavation wall
 SB = soil boring
 SW = sidewall

Sample Location

N = north
 E = east
 S = south
 W = west
 NE = northeast
 NW = northwest
 SW = southwest
 SE = southeast

Table 1. Soil Analytical Results

No Further Action Letter and Immediate Action Report

Underground Storage Tank Closure Report – 10,000-Gallon Diesel Fuel UST and 986-Gallon Gasoline UST

Pleasant Prairie Power Plant

8000 95th Street, Pleasant Prairie, Wisconsin

Soil Sample Location:		WI Soil to GW Pathway RCL (DF 2)	WI Soil Non-Industrial Direct Contact RCLs	Sidewall and Base Excavation Confirmation Samples (Immediate Action)																TRIP BLANK	TRIP BLANK
				Excavated				Excavated				Excavated									
Field Sample ID:	Sample Depth (feet bgs):	Sample Date:		EB-1	EB-1A	EB-2	EB-2A	EB-3	EB-4	EB-5	EW-E	EW-N1	EW-N2	EW-N2A	EW-N3	EW-N4	EW-S	EW-W	TRIP BLANK	TRIP BLANK	
				9	10	9	12	10	10	10	6	6	6	8	6	6	6	6	6	NA	NA
				11/15/2021	11/23/2021	11/15/2021	11/23/2021	11/15/2021	11/15/2021	11/15/2021	11/15/2021	11/15/2021	11/15/2021	11/23/2021	11/15/2021	11/15/2021	11/15/2021	11/15/2021	11/15/2021	11/15/2021	11/23/2021
PVOCs and Naphthalene																					
1,2,4-Trimethylbenzene	µg/kg	<u>NS</u>	219,000	<20.4	<19.7	<19.9	<19.7	<19.9	<24.6	<19.3	<19.9	<17.7	<19.6	<19.6	<19.7	<19.8	<19.4	<19.3	<14.9	<14.9	
1,3,5-Trimethylbenzene	µg/kg	<u>NS</u>	182,000	<22.1	<21.3	<21.5	<21.3	<21.5	<26.6	<20.8	<21.5	<19.1	<21.2	<21.2	<21.3	<21.4	<20.9	<20.8	<16.1	<16.1	
Trimethylbenzenes, Total ¹	µg/kg	<u>1,379</u>	182,000	<42.5	<41	<41.4	<41	<41.4	<51.2	<40.1	<41.4	<36.8	<40.8	<40.8	<41	<41.2	<40.3	<40.1	<31	<31	
Benzene	µg/kg	<u>5.1</u>	1,600	<16.3	<15.7	<15.9	<15.7	<15.9	<19.6	<15.4	<15.9	<14.1	<15.7	<15.6	<15.8	<15.8	<15.5	<15.4	<11.9	<11.9	
Ethylbenzene	µg/kg	<u>1,570</u>	8,020	<16.3	<15.7	<15.9	<15.7	<15.9	<19.6	<15.4	<15.9	<14.1	<15.7	<15.6	<15.8	<15.8	<15.5	<15.4	<11.9	<11.9	
Methyl-tert-butyl-ether	µg/kg	<u>27</u>	63,800	<u>35.1 J</u>	<19.4	286	<19.4	<19.6	<24.3	<19.0	<19.6	<17.4	240	<19.3	<19.5	<19.5	<19.1	<19.0	<14.7	<14.7	
Naphthalene	µg/kg	<u>658.2</u>	5,520	<21.4	<20.6	<20.8	<20.6	<20.8	<25.7	<20.2	<20.8	<18.5	<20.5	<20.5	<20.7	<20.7	<20.3	<20.2	<15.6	<15.6	
Toluene	µg/kg	<u>1,107</u>	818,000	18.0 J	<16.6	<16.8	<16.6	<16.8	<20.8	<16.3	<16.8	<14.9	<16.6	<16.6	<16.7	<16.7	32.0 J	<16.3	<12.6	<12.6	
Xylenes, Total ²	µg/kg	<u>3,960</u>	260,000	<49.5	<47.7	<48.1	<47.7	<48.1	<59.6	<46.6	<48.1	<42.8	<47.5	<47.4	<47.8	<47.9	<46.9	<46.7	<36.1	<36.1	
Xylene, o	µg/kg	<u>NS</u>	NS	<20.6	<19.8	<20.0	<19.8	<20.0	<24.7	<19.4	<20.0	<17.8	<19.8	<19.7	<19.9	<19.9	<19.5	<19.4	--	<15.0	
Xylenes, m + p	µg/kg	<u>NS</u>	NS	<28.9	<27.9	<28.1	<27.9	<28.1	<34.8	<27.3	<28.1	<25.0	<27.8	<27.7	<28.0	<28.0	<27.4	<27.3	--	<21.1	

[O:MGP 11/22/21, U:MGP 12/2/21, QC:KN 12/8/21, JZ 12/16/21]

Notes:

<u>Underline</u>	exceeds Groundwater Pathway RCL DF 2
<i>italic</i>	exceeds Non-Industrial Direct Contact RCLs

***Screening Levels:**

Groundwater Pathway RCLs (based on a Dilution Factor of 2) and Non-Industrial Direct Contact RCLs are derived from the WDNR NR720 Soil Cleanup Standards, last updated December 2018.

Lab comments and definitions can be found in associated laboratory reports.

< = Concentration is less than reported limit
 µg/kg = micrograms per kilogram (equivalent to parts per billion - ppb)
 bgs = below ground surface
 DC = Direct Contact
 J = Estimated Concentration between LOD and LOQ
 NA = Not applicable
 NS = No Standard
 PVOC = Petroleum Volatile Organic Compounds
 RCL = NR720 Soil Residual Contaminant Level (WDNR) (June 2018)
 U = Concentration was not detected above the reported limit

- Total trimethylbenzenes were calculated by Ramboll as follows:
 - Where no detections were observed, the sum of the reporting limits is presented.
 - Where detections were observed, the detected results were added together for the total summation.
 - Analytes used for the calculation are 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.
- Total xylenes were calculated by the analytical lab.

Sample Nomenclature

G = 986-gallon gasoline UST near maintenance building
 D = dispenser
 D1 = 10,000-gallon diesel UST near maintenance building
 Dup = QA/QC duplicate sample
 EB = excavation bottom
 EW = excavation wall
 SB = soil boring
 SW = sidewall

Sample Location

N = north
 E = east
 S = south
 W = west
 NE = northeast
 NW = northwest
 SW = southwest
 SE = southeast

Table 2. Groundwater Analytical Results

No Further Action Letter and Immediate Action Report
 Underground Storage Tank Closure – 10,000-Gallon Diesel Fuel UST and 986-Gallon Gasoline UST
 Pleasant Prairie Power Plant
 8000 95th Street, Pleasant Prairie, Wisconsin

		PVOCs and Naphthalene								
Sample Location	Sample Date	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trimethylbenzenes, Total ¹	Benzene	Ethylbenzene	Methyl-tert-butyl-ether	Naphthalene	Toluene	Xylenes, Total
Reporting Units:		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WI Groundwater ES:		NS	NS	480	5	700	60	100	800	2,000
<u>WI Groundwater PAL:</u>		<u>NS</u>	<u>NS</u>	<u>96</u>	<u>0.5</u>	<u>140</u>	<u>12</u>	<u>10</u>	<u>160</u>	<u>400</u>
TW-1 (See note 3)	11/11/2021	<0.45	<0.36	<0.81	<u>0.53 J</u>	<0.33	<u>19.4</u>	<1.1	<0.29	<1.0
TW-1 (Dup)	11/11/2021	<0.45	<0.36	<0.81	<u>0.53 J</u>	<0.33	<u>20.8</u>	<1.1	0.30 J	<1.0
TW-2	11/15/2021	<0.45	<0.36	<0.81	<0.30	<0.33	<1.1	<1.1	<0.29	<1.0
TB-1	11/11/2021	<0.45	<0.36	<0.81	<0.30	<0.33	<1.1	<1.1	<0.29	<1.0
TB-1	11/15/2021	<0.45	<0.36	<0.81	<0.30	<0.33	<1.1	<1.1	<0.29	<1.0

[O:MGP 11/22/21, QC:KN 12/8/21]

Notes:

Bold	attains or exceeds Proposed WI Groundwater ES
<u>Underlined</u>	attains or exceeds Proposed WI Groundwater PAL

***Screening Levels:**

PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective February 2021.

1. Total trimethylbenzenes were calculated by Ramboll as follows:

- Where no detections were observed, the sum of the reporting limits is presented.
- Where detections were observed, the detected results were added together for the total summation.
- Analytes used for the calculation are 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.

2. Lab comments and definitions can be found in associated laboratory reports.

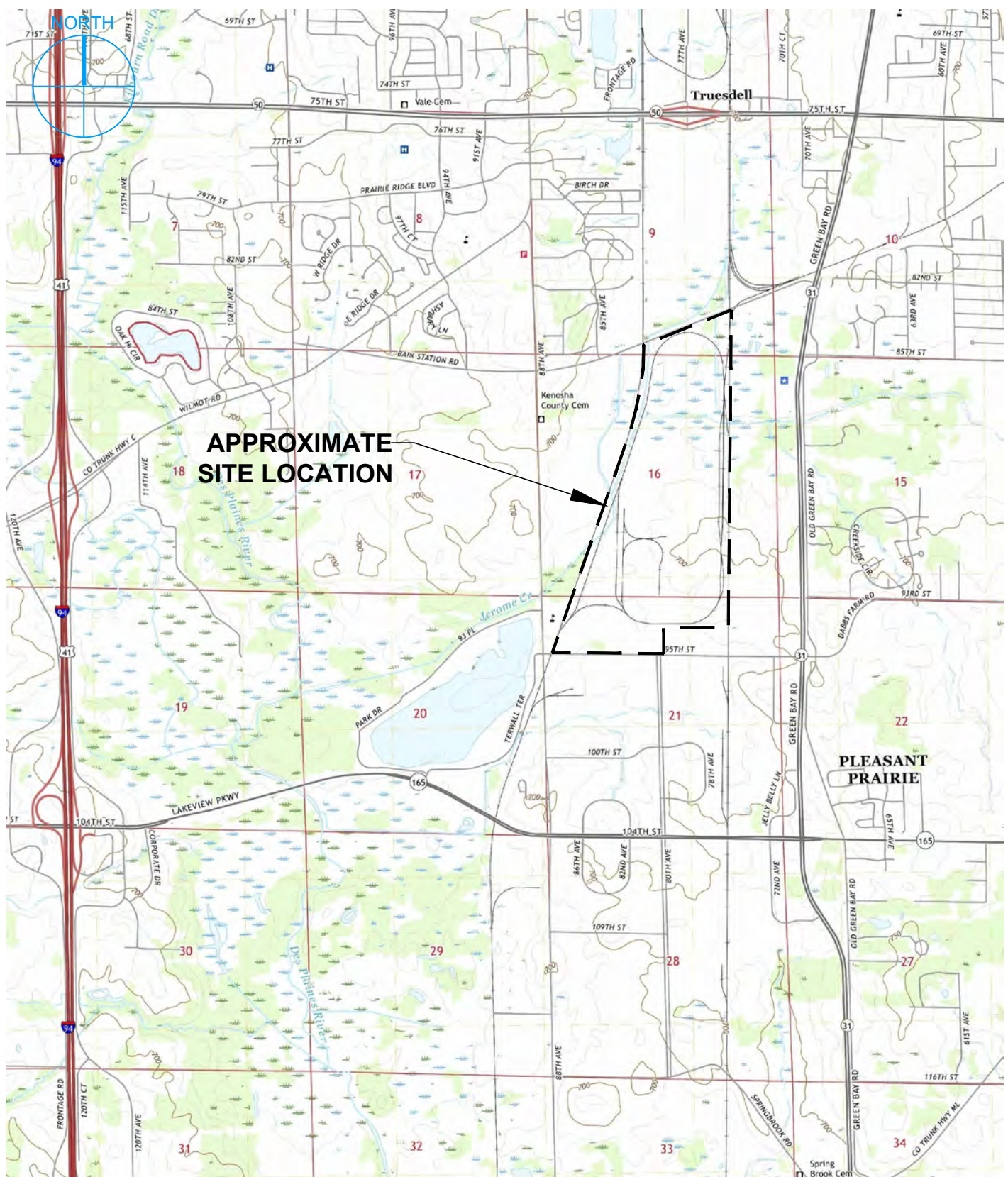
3. Soil around TW-1 was excavated to 10 feet after sample collection.

Acronyms:

- < = Concentration is less than the Limit of Detection (LOD)
- µg/L = micrograms per liter
- DUP = Quality Control Field Duplicate Sample
- ES = Enforcement Standard
- J = Estimated concentration
- NS = No Screening Level
- PAL = Preventive Action Limit
- PVOC = Petroleum Volatile Organic Compounds
- TW = Temporary Well
- TB = Trip Blank
- WI = Wisconsin

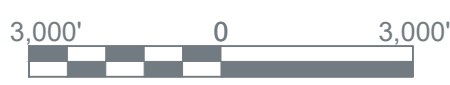
FIGURES

PROJECT: 1940101805 DATED: 12/16/2021 11:44 AM DESIGNER: CAWRSEAG \lramashfile01\RAM_ Projects\We-Energies.1087922\1940101805.P4-Tank-Closure\Reports\Tank Closure\Figures\Cad Files\Tank Closure and Immediate Action Figures 1 and 2.dwg



SITE LOCATION MAP
 NO FURTHER ACTION LETTER (IMMEDIATE ACTIONS) - NR 708.09

FIGURE 1



PLEASANT PRAIRIE POWER PLANT
 8000 95TH STREET
 PLEASANT PRAIRIE, WI

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





SITE DIAGRAM
NO FURTHER ACTION LETTER (IMMEDIATE ACTIONS) - NR 708.09

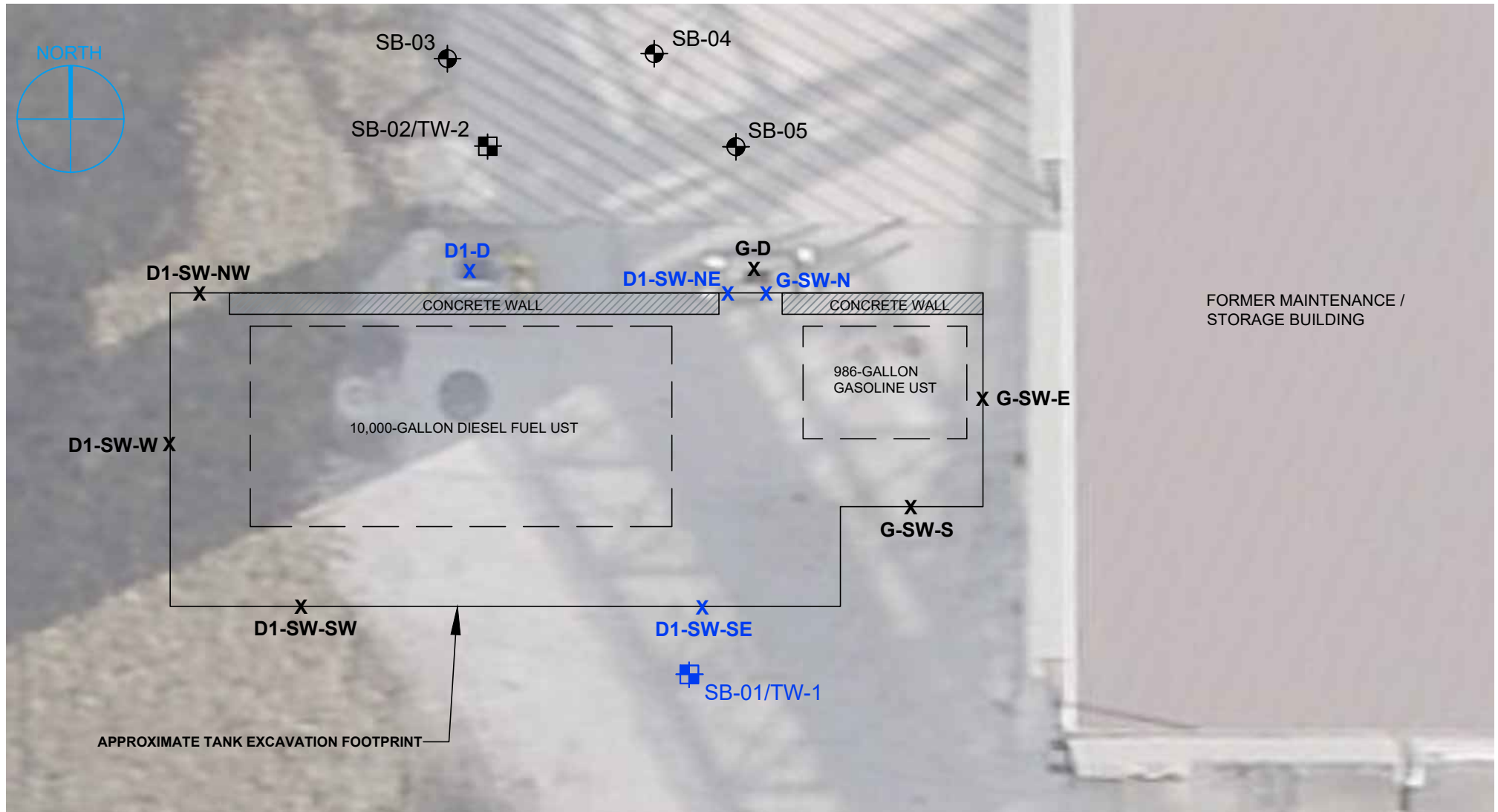
FIGURE 2



PLEASANT PRAIRIE POWER PLANT
8000 95TH STREET
PLEASANT PRAIRIE, WI

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





- X** CONFIRMATION SOIL SAMPLE - BLUE LOCATIONS EXCEED GROUNDWATER PATHWAY RCL
- SOIL BORING/TEMPORARY WELL - BLUE LOCATION EXCEEDS GROUNDWATER PATHWAY RCL
- SB-01/TW-1
- ⊕** SB-03 SOIL BORING

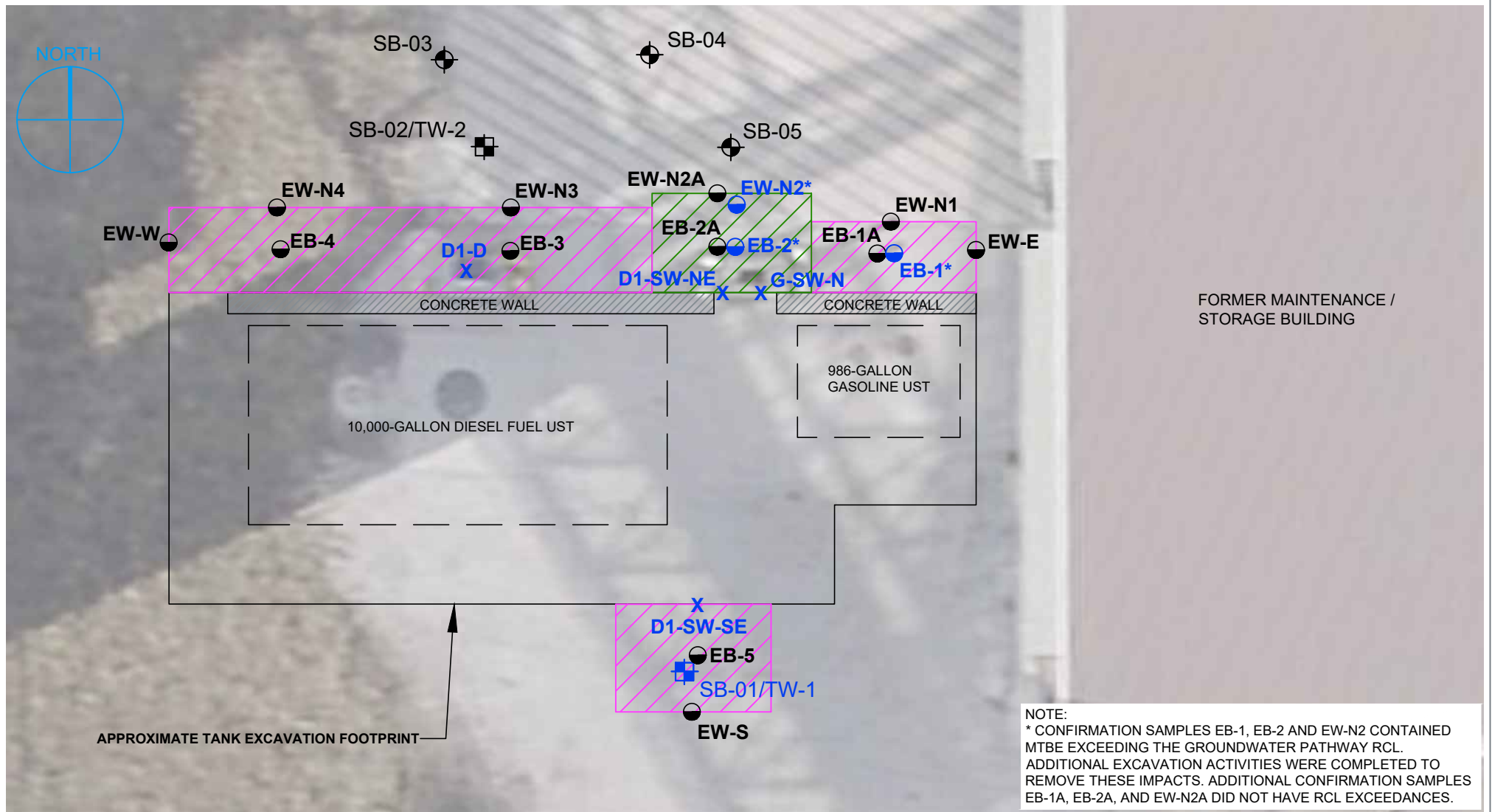
TSSA AND SURROUNDING SAMPLE LOCATIONS
 NO FURTHER ACTION LETTER (IMMEDIATE ACTIONS) - NR 708.09



PLEASANT PRAIRIE POWER PLANT
 8000 95TH STREET
 PLEASANT PRAIRIE, WI

FIGURE 3
 RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY





- X** TSSA SOIL SAMPLE - BLUE LOCATIONS EXCEED GROUNDWATER PATHWAY RCL
- CONFIRMATION SOIL SAMPLE - BLUE LOCATIONS EXCEED GROUNDWATER PATHWAY RCL
- SOIL BORING/TEMPORARY WELL - BLUE LOCATION EXCEEDS GROUNDWATER PATHWAY RCL
- SOIL BORING
- EXCAVATION EXTENT (DEPTH 10 FEET BGS)
- EXCAVATION EXTENT (DEPTH 12 FEET BGS)

IMMEDIATE ACTION EXCAVATION AND CONFIRMATION SAMPLE LOCATIONS
 NO FURTHER ACTION LETTER (IMMEDIATE ACTIONS) - NR 708.09

FIGURE 4
 RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.
 A RAMBOLL COMPANY



PLEASANT PRAIRIE POWER PLANT
 8000 95TH STREET
 PLEASANT PRAIRIE, WI



ATTACHMENT 1
TANK REGISTRATION FORM AND TANK DETAILS



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? [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): Date of status change: 10/7/2021
[] In Use [] Abandoned with Water [] Abandoned with Product
[] Newly Installed [X] 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: We Energies Pleasant Prairie Power Plant (Tank ID: 96653) COUNTY: Kenosha PHONE: () -
a. CURRENT SITE STREET ADDRESS: 8000 95th Street [X] CITY [X] VILLAGE [] TOWN OF: Pleasant Prairie Power Plant STATE: WI ZIP: 53158
b. PREVIOUS SITE STREET ADDRESS: [] CITY [] VILLAGE [] TOWN OF: STATE: ZIP:
Fire Dept. providing fire coverage where tank is located: [] CITY [] TOWN [X] VILLAGE of: Pleasant Prairie
2. TANK OWNER LEGAL NAME: Wisconsin Electric Power Company (d.b.a. We Energies) COUNTY: Milwaukee PHONE: Check [] CELL or [X] LAND (414) 221 - 4434
MAILING ADDRESS: 333 W. Everett St. A231 [X] CITY [] VILLAGE [] TOWN OF: Milwaukee STATE: WI ZIP: 53203
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: 413577 FACILITY ID # 413577 CUSTOMER ID # 0
Tank Capacity (gallons): 968 Tank Age (age or date installed): 6/30/1980 Vehicle fueling: [X] Yes [] No

LAND OWNER TYPE (Refer to back; check one): [] County [] State [] Federal Leased [] Federal Owned [] Tribal Nation [] Municipal [] Other Government [X] 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) [X] Utility [] Backup or Emergency Generator [] Other (specify):

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

TANK CATHODIC PROTECTION: [] Sacrificial Anodes [] Impressed Current [X] N/A

TANK LEAK DETECTION METHOD: [X] 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: [X] Single Wall [] Double Wall:
[] Bare Steel [] Coated Steel [X] Fiberglass [] Flexible [] Copper [] Unknown [] N/A [] Other:

PIPING CATHODIC PROTECTION: [] Sacrificial Anodes [] Impressed Current [X] N/A

PRIMARY PIPING SYSTEM TYPE: [] Pressurized piping with -> [] A. Pump auto shutoff - ELLD [] B. Flow restrictor - MLLD [] Unknown
[X] 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
[X] Tightness testing [] Electronic line monitor - ELLD [] SIR [] Not required [] Unknown

TANK CONTENTS Current, or previous product (if tank now empty) (* = NOT PECFA eligible) [] Leaded [X] Unleaded [] Gas-ethanol blend: ___ % ethanol [] Diesel
[] Bio-Diesel: ___ % [] Hazardous Waste/Interface* [] Kerosene [] Fuel Oil [] Premix [] New Oil [] New oil - Flash point less than 200°F
[] Waste/Used Motor Oil -> [] Used for Heating [] Aviation [] Empty* [] Sand/Grave/Slurry* [] Unknown
[] Other (specify): [] Chemical* Name: CAS#

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

TANK OWNER LEGAL NAME (please print) TANK OWNER E-MAIL
Izabelle Villafuerte izabelle.villafuerte@wecenergygroup.com

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) DATE:
Izabelle Villafuerte 10/25/21

Note: Refer to comments on reverse side of form.



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Bureau of Weights and Measures
PO Box 7837 Madison, WI 53707-7837
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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? [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): Date of status change: 10/7/2021
[] In Use [] Abandoned with Water [] Abandoned with Product
[] Newly Installed [X] 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: We Energies Pleasant Prairie Power Plant (Tank ID: 108852) COUNTY: Kenosha PHONE: () -
a. CURRENT SITE STREET ADDRESS: 8000 95th Street [X] CITY [X] VILLAGE [] TOWN OF: Pleasant Prairie Power Plant STATE: WI ZIP: 53158
b. PREVIOUS SITE STREET ADDRESS: [] CITY [] VILLAGE [] TOWN OF: STATE: ZIP:
Fire Dept. providing fire coverage where tank is located: [] CITY [] TOWN [X] VILLAGE of: Pleasant Prairie
2. TANK OWNER LEGAL NAME: Wisconsin Electric Power Company (d.b.a. We Energies) COUNTY: Milwaukee PHONE: Check [] CELL or [X] LAND (414) 221 - 4434
MAILING ADDRESS: 333 W. Everett St. A231 [X] CITY [] VILLAGE [] TOWN OF: Milwaukee STATE: WI ZIP: 53203
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: 413577 FACILITY ID # 413577 CUSTOMER ID # 0
Tank Capacity (gallons): 10000 Tank Age (age or date installed): 6/30/1980 Vehicle fueling: [X] Yes [] No

LAND OWNER TYPE (Refer to back; check one): [] County [] State [] Federal Leased [] Federal Owned [] Tribal Nation [] Municipal [] Other Government [X] 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) [X] Utility [] Backup or Emergency Generator [] Other (specify):

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

TANK CATHODIC PROTECTION: [] Sacrificial Anodes [] Impressed Current [X] N/A
TANK LEAK DETECTION METHOD: [X] 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 [X] Double Wall:
[] Bare Steel [] Coated Steel [] Fiberglass [X] Flexible [] Copper [] Unknown [] N/A [] Other:

PIPING CATHODIC PROTECTION: [] Sacrificial Anodes [] Impressed Current [X] N/A

PRIMARY PIPING SYSTEM TYPE: [X] Pressurized piping with -> [] A. Pump auto shutoff - ELLD [X] 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
[X] Tightness testing [] Electronic line monitor - ELLD [] SIR [] Not required [] Unknown

TANK CONTENTS Current, or previous product (if tank now empty) (* = NOT PECFA eligible) [] Leaded [] Unleaded [] Gas-ethanol blend: ___ % ethanol [X] Diesel
[] Bio-Diesel: ___ % [] Hazardous Waste/Interface* [] Kerosene [] Fuel Oil [] Premix [] New Oil [] New oil - Flash point less than 200°F
[] Waste/Used Motor Oil -> [] Used for Heating [] Aviation [] Empty* [] Sand/Grave/Slurry* [] Unknown
[] Other (specify): [] Chemical* Name: CAS#

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

TANK OWNER LEGAL NAME (please print) TANK OWNER E-MAIL
Izabelle Villafuerte izabelle.villafuerte@wecenergygroup.com

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) DATE:
Izabelle Villafuerte 10/25/21

Note: Refer to comments on reverse side of form.

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: 413577
 Pleasant Prairie Power Plant (PPPP)
 8000 95th St
 Pleasant Prairie
 Site Anniversary Date: August 28

County & Municipality

Kenosha County
 Village of Pleasant Prairie
 Fire Dept ID: 3004
 Dispenser Has Sumps: N

Owner

WE Energies
 333 W Everett St RM A231
 Milwaukee
 WI 53203

Underground Storage Tank - ID: 96653, WANG ID: 300400158, Closed/Removed as of 2021-10-07

Install Date:	06/30/1980	Capacity In Gallons:	968	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
413577	Annual	05/07/2015
413577	Annual	03/31/2017
413577	Annual	12/12/2018
413577	Annual	05/29/2020

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: 413577
 Pleasant Prairie Power Plant (PPPP)
 8000 95th St
 Pleasant Prairie
 Site Anniversary Date: August 28

County & Municipality

Kenosha County
 Village of Pleasant Prairie
 Fire Dept ID: 3004
 Dispenser Has Sumps: N

Owner

WE Energies
 333 W Everett St RM A231
 Milwaukee
 WI 53203

Underground Storage Tank - ID: 108852, WANG ID: 300400159, Closed/Removed as of 2021-10-07

Install Date:	06/30/1980	Capacity In Gallons:	10,000	Contents:	Diesel
Tank Occupancy:	Utility	Marketer:	N	CAS Number	
Federally Regulated:	Yes	Spill Protection:	Installed	Overfill Protection:	Installed
Overfill Prot Type:	90alarm95auto	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
413577	Annual	05/07/2015
413577	Annual	03/31/2017
413577	Annual	12/12/2018
413577	Annual	05/29/2020



ATTACHMENT 2
TANK-SYSTEM SITE ASSESSMENT FORMS



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

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

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

Complete One Form for Each System Service Event

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

CHECK ONE: UNDERGROUND ABOVEGROUND

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

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

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

Remote fill Tank Piping Transition/containment sump Spill bucket Dispenser

B. IDENTIFICATION

OWNER INFORMATION

OWNER NAME WE Energies	CONTACT NAME Ben Koshak	TITLE Sr Engineer - Environmental
MAILING ADDRESS 333 W Everett St Rm A231	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Milwaukee	STATE WI
TELEPHONE: (414) 221 - 4151	E-MAIL ben.koshak@wecenergygroup.com	ZIP 53203

SITE INFORMATION

FACILITY NAME Pleasant Prairie Power Plant (PPPP)			
SITE ADDRESS (Not PO Box) 8000 95 th Street	<input type="checkbox"/> CITY <input type="checkbox"/> TOWN <input checked="" type="checkbox"/> VILLAGE Pleasant Prairie	STATE WI	ZIP 53158

SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above Brandenburg	TELEPHONE: (312) 326 - 5800	CELL: (312) 405 - 704
STREET ADDRESS 2625 South Loomis Street	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Chicago	STATE IL
		ZIP 60608

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

a	b	c	d	e	f	g	h
Tank ID #	Type of Closure ¹	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents ²	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	If "Yes" to "g", Then Specify Source and Cause of Release ⁵
						<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Source of Release ³ Cause of Release ⁴
96653	p	fiberglass	flex	968	UG	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
108852	p	fiberglass	flex	10000	DL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
108853	p	fiberglass	flex	10000	DL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This tank is not included as part of this NFA report and discussed as separate TSSA.
						<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 type="checkbox"/>
b. All product removed to bottom of suction line, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
c. All product removed to within 1" of bottom.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
4. Dispensers/pumps left in place but locked and power disconnected.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
5. Vent lines left open.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

D.2. CLOSURE BY REMOVAL OR IN-PLACE

1. General Requirements	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
a. Product from piping drained into tank (or other container).	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
2. Specific Closure-by-Removal Requirements				
a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>

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

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

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

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

E. REPAIR, UPGRADE OR CHANGE-IN-SERVICE

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

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

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

F. METHOD OF VAPOR FREEING OF TANK

Displacement of vapors by eductor or diffused air blower.

Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.

Inert gas using dry ice or liquid carbon dioxide.

Inert gas using CO2 or N2 **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.

Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

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

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

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

G. REMOVER/CLEANER INFORMATION

Nicholas Rojas		501606	10/7/2021
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 Ramboll

H. INSPECTOR INFORMATION

M. Robbie Dailey Jr		467293	Wisconsin Inspections LLC
INSPECTOR NAME (PRINT):	INSPECTOR SIGNATURE	INSPECTOR CERTIFICATION #	LPO AGENCY/COMPANY NAME

3004 Pleasant Prairie	(608) 347 - 3998	10-15-2021
FDID # FOR LOCATION WHERE INSPECTION PERFORMED	INSPECTOR TELEPHONE:NUMBER	DATE SIGNED

INSPECTOR NOTES:

Inspector not present due to scheduling conflict. Photos of closure provided.

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: Pleasant Prairie Power Plant

Address: 8000 95th Street, Pleasant Prairie, WI

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

To determine if a TSSA is required, see SPS 310 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

03-30-210485

02-30-576938

02-30-001149

03-30-215807

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

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

b. Number of active tanks¹ at facility prior to completion of current services USTs 0 ASTs 0.

(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
Excavation 1	57	29	10

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

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

a. Stained soils: 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 10 feet b. Indicate type of geology² C

(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 Wells located on adjoining properties

b. Surface water(s) within 1000 feet of the facility? Y N If yes, specify Ponds and a creek located on the property and adjoining properties

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

Pump islands was located north of the tanks.

Single-walled fiberglass USTs with no holes or possible leak locations removed.

Petroleum odor noted in vicinity of dispensers.

See attached data summary tables for laboratory analytical results for PVOCs and naphthalene.

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

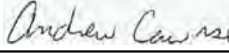
Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	
		Grab	Shelby Tube	Direct Push	Split Spoon			
D1-SW-NE	Northeast sidewall (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	182	
D1-SW-NW	Northwest sidewall (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	9.1	
D1-SW-W	West sidewall (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	8.8	
D1-SW-SW	Southwest sidewall (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	13.1	
D1-SW-SE	Southeast sidewall (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	4.8	
D1-D	Dispenser (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	325	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
G-SW-E	East sidewall (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	289	
G-SW-N	North sidewall (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	396	
G-SW-S	South sidewall (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	6.0	
G-D	Dispenser (clay)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	211	
		<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	CHLORINATED SOLVENTS
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
See attached Data Summary Tables for analytical results.								


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 SPS 310.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter SPS 310 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.


Andrew Cawrse		403370
Tank-System Site Assessor Name (print)	Tank-System Site Assessor Signature	Certification Number #
414-837-3645	11/10/21	Ramboll
Tank-System Site Assessor Telephone Number	Date Signed	Company Name


ATTACHMENT 3
PHOTOGRAPHS


We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 1	
Date: 10/15/2021	
Description: TSSA, looking west	

We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 2	
Date: 10/15/2021	
Description: TSSA, looking southwest	


We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 3	
Date: 10/15/2021	
Description: TSSA, looking southeast	


We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 4	
Date: 10/15/2021	
Description: TSSA, looking east	


We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 5	
Date: 10/15/2021	
Description: TSSA, looking northeast	

We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 6	
Date: 10/15/2021	
Description: TSSA, looking northwest	

We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 7	
Date: 11/15/2021	
Description: First round of immediate action excavation: excavation north of tank bed, west end of excavation looking east	

We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 8	
Date: 11/15/2021	
Description: Excavation south of tank bed	

We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 9	
Date: 11/23/2021	
Description: Breaking concrete foundation next to north excavation wall	

We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities	
Photo #: 10	
Date: 11/23/2021	
Description: Excavation north of tank bed, north excavation wall	

We Energies, Pleasant Prairie Power Plant – Underground Storage Tank Closure & Immediate Action Activities

Photo #: 11

Date: 11/23/2021

Description:
Excavation north of
tank bed, north
excavation wall



ATTACHMENT 4
SOIL BORING LOGS AND ABANDONMENT FORMS

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name P4 Tank Closure		License/Permit/Monitoring Number		Boring Number SB-01	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 11/11/2021	Date Drilling Completed 11/11/2021	Drilling Method GeoProbe
WI Unique Well No.	DNR Well ID No.	Common Well Name SB-01	Final Static Water Level Feet (NAVD88)	Surface Elevation Feet (NAVD88)	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane N, E S/C/N			Lat <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
1/4 of Section T N, R			Long <input type="checkbox"/> Feet <input type="checkbox"/> Feet <input type="checkbox"/> Feet <input type="checkbox"/> W		
Facility ID	County Kenosha	County Code 30	Civil Town/City/ or Village Pleasant Prairie		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID 10.6 eV Lamp	Soil Properties					RQD/ Comments
									Compressive Strength (tsf)	Shear Strength (tsf)	Liquid Limit	Plasticity Index	P 200	
1 CS	60 40		0	0 - 0.5' CONCRETE.				0						
			1	0.5 - 1.2' FILL, WELL-GRADED GRAVEL: yellowish brown (10YR 5/4), fine to coarse, sand (10-20%), clay (0-10%), loose.				7.2						
			2	1.2 - 4.5' WELL-GRADED SAND: grayish brown (10YR 5/2), fine to coarse, gravel (20-30%), clay (0-10%), medium dense, wet.						3.8				
2 CS	60 60		5	4.5 - 6.5' LEAN CLAY: yellowish brown (10YR 5/4), fine-grained sand (10-20%), very stiff, medium toughness, low plasticity, moist.				0.7	4					
			7	6.5 - 8' LEAN CLAY: brown (10YR 5/3), fine-grained sand (20-30%), fine to coarse-grained gravel (0-10%), stiff, low toughness, medium plasticity, wet.				7.1	2.5					
3 CS	60 50		8	8 - 15' LEAN CLAY: gray (10YR 5/1), fine-grained sand (20-30%), gravel (0-10%), very stiff, high toughness, no plasticity.				0.6	4					
			10				0	4						
			11				0	4						

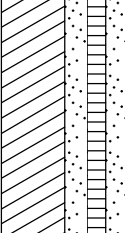
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Nathan Duda</i>	Firm Ramboll 234 W. Florida Street, Milwaukee, WI 53204	Tel: (414) 837-3607 Fax: (414) 837-3608
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Boring Number **SB-01**

Use only as an attachment to Form 4400-122.

Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID 10.6 eV Lamp	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength (tsf)	Shear Strength (tsf)	Liquid Limit	Plasticity Index	P 200	
			13 14 15	8 - 15' LEAN CLAY: gray (10YR 5/1), fine-grained sand (20-30%), gravel (0-10%), very stiff, high toughness, no plasticity. <i>(continued)</i>				0	4					
			15	15' - EOB.				0						

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name P4 Tank Closure		License/Permit/Monitoring Number		Boring Number SB-02	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 11/11/2021	Date Drilling Completed 11/11/2021	Drilling Method GeoProbe
WI Unique Well No.	DNR Well ID No. SB-02	Common Well Name SB-02	Final Static Water Level Feet (NAVD88)	Surface Elevation Feet (NAVD88)	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane N, E S/C/N			Lat <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W		
1/4 of Section , T N, R		Long <input type="checkbox"/> ' <input type="checkbox"/> "			
Facility ID		County Kenosha	County Code 30	Civil Town/City/ or Village Pleasant Prairie	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID 10.6 eV Lamp	Soil Properties					RQD/ Comments
									Compressive Strength (tsf)	Shear Strength (tsf)	Liquid Limit	Plasticity Index	P 200	
1 CS	60 60		0 - 0.5' ASPHALT .											
			0.5 - 2' FILL : very dark brown (10YR 2.5/2), sand (60-80%), fine to coarse, fine to coarse-grained gravel (20-30%), clay (0-10%), loose, moist.						0					
2 CS	60 50		2 - 6' LEAN CLAY : brown (10YR 5/3), fine-grained sand (20-30%), gravel (0-10%), very stiff, no dilatency, medium toughness, low plasticity, slightly moist.					0						
			6 - 8.2' LEAN CLAY : brown (10YR 5/3) to very dark brown (10YR 2.5/2), sand (20-40%), stiff, slow dilatency, low toughness, medium plasticity, wet.					3.4		4				
			8.2 - 15' LEAN CLAY : gray (10YR 5/1), fine-grained sand (20-30%), gravel (0-10%), stiff, no dilatency, medium toughness, low plasticity.					0.3	2.5					
3 CS	60 48							0		3				
							0		3.5					

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Nathan Duda</i>	Firm Ramboll 234 W. Florida Street, Milwaukee, WI 53204	Tel: (414) 837-3607 Fax: (414) 837-3608
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name P4 Tank Closure		License/Permit/Monitoring Number		Boring Number SB-03	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 11/11/2021	Date Drilling Completed 11/11/2021	Drilling Method GeoProbe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet (NAVD88)	Surface Elevation Feet (NAVD88)	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane 1/4 of 1/4 of Section , T N, R			Lat ° ' " <input type="checkbox"/> N <input type="checkbox"/> E Long ° ' " Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W		
Facility ID		County Kenosha	County Code 30	Civil Town/City/ or Village Pleasant Prairie	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID 10.6 eV Lamp	Soil Properties					RQD/ Comments
									Compressive Strength (tsf)	Shear Strength (tsf)	Liquid Limit	Plasticity Index	P 200	
1 CS	60 40		0 - 2'	FILL: brown (10YR 5/3) to dark brown (10YR 2.5/3), sand (40-60%), fine to coarse, fine to coarse-grained gravel (20-30%), clay (0-10%), debris and brick fragments (0-10%), loose.				0						
			2 - 3.5'	WELL-GRADED GRAVEL: yellowish brown (10YR 5/4), fine to coarse, sand (10-20%), clay (10-20%), loose.				0						
			3.5 - 7'	LEAN CLAY: brown (10YR 5/3), fine-grained sand (20-30%), gravel (0-20%), stiff, no dilatancy, medium toughness, low plasticity, staining of 10YR 2.5/1 throughout.				0	3					
			7 - 8.3'	POORLY-GRADED SAND: yellowish brown (10YR 5/4), fine, clay (20-30%), fine to coarse-grained gravel (0-10%), loose, wet.				0						
2 CS	60 48		8.3 - 15'	LEAN CLAY: gray (10YR 5/1), fine-grained sand (20-30%), stiff, medium toughness, low plasticity.				0						
			3 CS	60 40					0	2				

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Nathan Duda* Firm **Ramboll** Tel: (414) 837-3607
234 W. Florida Street, Milwaukee, WI 53204 Fax: (414) 837-3608

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name P4 Tank Closure		License/Permit/Monitoring Number		Boring Number SB-04	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 11/11/2021	Date Drilling Completed 11/11/2021	Drilling Method GeoProbe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet (NAVD88)	Surface Elevation Feet (NAVD88)	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane 1/4 of _____ 1/4 of Section _____, T _____ N, R _____			Lat _____ ° _____ ' _____ "	Feet <input type="checkbox"/> N <input type="checkbox"/> E Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Kenosha	County Code 30	Civil Town/City/ or Village Pleasant Prairie	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID 10.6 eV Lamp	Soil Properties					RQD/ Comments
									Compressive Strength (tsf)	Shear Strength (tsf)	Liquid Limit	Plasticity Index	P 200	
1	60 60		1	0 - 1.5' FILL : brown to yellowish brown (10YR 5/3 to 10YR 5/5), sand (40-60%), fine to coarse, coarse-grained gravel (20-30%), clay (0-10%), medium dense, dry.				0						
			2	1.5 - 8.5' LEAN CLAY : brown (10YR 5/3), fine-grained sand (0-10%), stiff, no dilatency, low toughness, no plasticity, dry.				0						
2	60 40		5					3						
			6				3							
3	60 48		9	8.5 - 12.5' POORLY-GRADED SAND : gray (10YR 5/1 to 10YR 6/1), fine, clay (0-10%), gravel (0-10%), dense, moist.				2.5						
			10				2.5							
			11					0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Nathan Duda* Firm **Ramboll** Tel: (414) 837-3607
234 W. Florida Street, Milwaukee, WI 53204 Fax: (414) 837-3608

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name P4 Tank Closure		License/Permit/Monitoring Number		Boring Number SB-05	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 11/11/2021	Date Drilling Completed 11/11/2021	Drilling Method GeoProbe
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet (NAVD88)	Surface Elevation Feet (NAVD88)	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N			Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
1/4 of Section , T N, R		Lat _____ ' _____ "		Long _____ ' _____ "	
Facility ID	County Kenosha	County Code 30	Civil Town/City/ or Village Pleasant Prairie		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID 10.6 eV Lamp	Soil Properties					RQD/ Comments
									Compressive Strength (tsf)	Shear Strength (tsf)	Liquid Limit	Plasticity Index	P 200	
1 CS	60 60		0 - 1.3'	FILL: white to brown (10YR 2.5/1 to 8/1 to 5/3), gravel (40-60%), sand (30-40%), fine to coarse, loose, moderate odor.				27.2						
			1.3 - 2.8'	LEAN CLAY: brown (10YR 5/3), fine to coarse-grained sand (10-20%), fine to coarse-grained gravel (10-20%), stiff, low toughness, no plasticity.										
			2.8 - 7'	LEAN CLAY: brown (10YR 5/3), fine to coarse-grained gravel (20-30%), fine to coarse-grained sand (10-20%), stiff, low toughness, no plasticity, dry.				3.8	2					
			7 - 8'	POORLY-GRADED SAND: yellowish brown (10YR 5/4), fine, clay (10-20%), dense, moist.				2.2	2.5					
2 CS	60 48		8 - 15'	LEAN CLAY: gray to grayish brown (10YR 5/1 to 10YR 5/2), fine-grained sand (20-30%), fine to coarse-grained gravel (0-10%), stiff, no dilatency, medium toughness, low plasticity, moist.				0.6						
								1.3	3.5					
3 CS	60 48							0	2					

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Nathan Duda* Firm **Ramboll** Tel: (414) 837-3607
234 W. Florida Street, Milwaukee, WI 53204 Fax: (414) 837-3608

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County: Kenosha WI Unique Well # of Removed Well: _____ Hicap #: _____

Latitude / Longitude (see instructions): 42° 32' 17.03" N Format Code: DD Method Code: GPS008
07° 54' 4.42" W DDM SCR002
 OTH001

1/4 1/4 Section: _____ Township: _____ Range: E
or Gov't Lot #: _____ N W

Well Street Address: _____

Well City, Village or Town: _____ Well ZIP Code: _____

Subdivision Name: _____ Lot #: _____

Reason for Removal from Service: _____ WI Unique Well # of Replacement Well: _____

Facility Name: PPPP Tank Closure

Facility ID (FID or PWS): _____

License/Permit/Monitoring #: _____

Original Well Owner: _____

Present Well Owner: _____

Mailing Address of Present Owner: _____

City of Present Owner: _____ State: _____ ZIP Code: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well Original Construction Date (mm/dd/yyyy): 11/11/21

Water Well

Borehole / Drillhole If a Well Construction Report is available, please attach. _____

Construction Type:

Drilled Driven (Sandpoint) Dug

Other (specify): _____

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): 15 Casing Diameter (in.): 2.0

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): _____

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? Yes No N/A

Liner(s) removed? Yes No N/A

Liner(s) perforated? Yes No N/A

Screen removed? Yes No N/A

Casing left in place? Yes No N/A

Was casing cut off below surface? Yes No N/A

Did sealing material rise to surface? Yes No N/A

Did material settle after 24 hours? Yes No N/A

If yes, was hole retopped? Yes No N/A

If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips) Other (Explain): _____

Sealing Materials

Neat Cement Grout Concrete

Sand-Cement (Concrete) Grout Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips Bentonite - Cement Grout

Granular Bentonite Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	1/2 sack	

granular bentonite

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	1/2 sack	

6. Comments

SB-01

7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing: <u>Nathan-Roda Rubenell</u>	License #: _____	Date of Filling & Sealing or Verification (mm/dd/yyyy): <u>11/11/21</u>	Date Received: _____	Noted By: _____
Street or Route: <u>W 234 Florida St</u>	Telephone Number: <u>(262) 492-6203</u>	Comments: _____		
City: <u>Milwaukee</u>	State: <u>WI</u>	ZIP Code: <u>53204</u>	Signature of Person Doing Work: <u>[Signature]</u>	Date Signed: <u>11/11/21</u>

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County: Kenosha WI Unique Well # of Removed Well: _____ Hicap #: _____

Latitude / Longitude (see instructions):
42° 32' 17.30" N Format Code: DD Method Code: GPS008
87° 59' 4.53" W DDM SCR002
 OTH001

Section: _____ Township: _____ Range: E W
or Gov't Lot #: _____ Lot #: _____

Well Street Address: _____

Well City, Village or Town: _____ Well ZIP Code: _____

Subdivision Name: _____ Lot #: _____

Reason for Removal from Service: _____ WI Unique Well # of Replacement Well: _____

Facility Name: PPAP Tank Closure

Facility ID (FID or PWS): _____

License/Permit/Monitoring #: _____

Original Well Owner: _____

Present Well Owner: _____

Mailing Address of Present Owner: _____

City of Present Owner: _____ State: _____ ZIP Code: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well Original Construction Date (mm/dd/yyyy): 11/11/2021
 Water Well If a Well Construction Report is available, please attach: _____
 Borehole / Drillhole

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): _____

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): 15 Casing Diameter (in.): 2.0

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): _____

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? Yes No N/A
Liner(s) removed? Yes No N/A
Liner(s) perforated? Yes No N/A
Screen removed? Yes No N/A
Casing left in place? Yes No N/A

Was casing cut off below surface? Yes No N/A
Did sealing material rise to surface? Yes No N/A
Did material settle after 24 hours? Yes No N/A
If yes, was hole retopped? Yes No N/A
If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Required Method of Placing Sealing Material:
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____

Sealing Materials:
 Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	1/2 sack	

granular bentonite

6. Comments

SB-02

7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing: <u>Ramboll</u>	License #: _____	Date of Filling & Sealing or Verification (mm/dd/yyyy): <u>11/11/21</u>	Date Received: _____	Noted By: _____
Street or Route: <u>w 234 Florida St</u>	Telephone Number: <u>(262) 442-6203</u>	Comments: _____		
City: <u>Milwaukee</u>	State: <u>WI</u>	ZIP Code: <u>53204</u>	Signature of Person Doing Work: <u>[Signature]</u>	Date Signed: <u>11/11/21</u>

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information

County <i>Kenosha</i>	WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) <i>42° 32' 17.36" N</i> <i>87° 54' 4.54" W</i>	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 1/4 or Gov't Lot #	Section	Township <i>N</i>
Well Street Address	Range <input type="checkbox"/> E <input type="checkbox"/> W	
Well City, Village or Town	Well ZIP Code	
Subdivision Name	Lot #	
Reason for Removal from Service	WI Unique Well # of Replacement Well	

2. Facility / Owner Information

Facility Name <i>PPPP Tank Closure</i>
Facility ID (FID or PWS)
License/Permit/Monitoring #
Original Well Owner
Present Well Owner
Mailing Address of Present Owner
City of Present Owner
State
ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) <i>11/11/2021</i>
If a Well Construction Report is available, please attach.	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <i>15</i>	Casing Diameter (in.) <i>2.0</i>
Lower Drillhole Diameter (in.)	Casing Depth (ft.)
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Surface</i>	<i>15</i>	<i>1/2 Sack</i>	

6. Comments

SA-07

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing <i>Rumbol</i>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <i>11/11/2021</i>	DNR Use Only	
Street or Route <i>239 W. Florida St</i>	City <i>Milwaukee</i>	Telephone Number <i>(262) 492-6203</i>	Date Received	Noted By
State <i>WI</i>	ZIP Code <i>53204</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>11/11/21</i>	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information				2. Facility / Owner Information			
County <i>Kenosha</i>		WI Unique Well # of Removed Well		Hicap #		Facility Name <i>PPPP Tank closure</i>	
Latitude / Longitude (see instructions) <i>42° 32' 17.36"</i> N		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
<i>87° 54' 4.34"</i> W		Section		Township N		License/Permit/Monitoring #	
or Gov't Lot #		Range <input type="checkbox"/> E <input type="checkbox"/> W		Original Well Owner		Present Well Owner	
Well Street Address				Mailing Address of Present Owner			
Well City, Village or Town				Well ZIP Code			
Subdivision Name				Lot #		City of Present Owner State ZIP Code	

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
Reason for Removal from Service		WI Unique Well # of Replacement Well		Pump and piping removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <i>11/11/2021</i>		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Other (specify): _____				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type:				Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <i>15</i>		Casing Diameter (in.) <i>2.0</i>		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.)		Casing Depth (ft.)		Required Method of Placing Sealing Material	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
If yes, to what depth (feet)?		Depth to Water (feet)		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
				Sealing Materials	
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:	
				<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
				<input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Surface</i>	<i>15</i>	<i>1/2 sack</i>	

6. Comments
56-04

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <i>Ramboll</i>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <i>11/11/2021</i>	Date Received	Noted By
Street or Route <i>234 W Florida St</i>			Telephone Number <i>(262) 492-6283</i>	Comments	
City <i>M.waukee</i>	State <i>WI</i>	ZIP Code <i>53204</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>11/11/21</i>	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County <i>Kenosha</i>		WI Unique Well # of Removed Well		Hicap #		Facility Name <i>PPPP Tank Closure</i>			
Latitude / Longitude (see instructions) <i>42° 32' 17.29 N</i>		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)			
<i>87 57' 4.23 W</i>		Section		Township <i>N</i>		Range <input type="checkbox"/> E <input type="checkbox"/> W		License/Permit/Monitoring #	
1/4 1/4 or Gov't Lot #		Well Street Address		Original Well Owner		Present Well Owner			
Well City, Village or Town		Well ZIP Code		Mailing Address of Present Owner					
Subdivision Name		Lot #		City of Present Owner		State		ZIP Code	

3. Filled & Sealed Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

Reason for Removal from Service		WI Unique Well # of Replacement Well		Pump and piping removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <i>11/11/2021</i>		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole		Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Total Well Depth From Ground Surface (ft.) <i>15</i>		Casing Diameter (in.) <i>2.0</i>	
Casing Depth (ft.)		Lower Drillhole Diameter (in.)		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If yes, to what depth (feet)?		Required Method of Placing Sealing Material: <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
5. Material Used to Fill Well / Drillhole		Sealing Materials: <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
From (ft.)		To (ft.)		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
No. Yards Sacks Sealant or Volume (circle one)		Mix Ratio or Mud Weight		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<i>granular bentonite</i>		<i>Surface 15</i>		<i>1/2 Sack</i>	

From (ft.)	To (ft.)	No. Yards Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Surface</i>	<i>15</i>	<i>1/2 Sack</i>	

6. Comments

SB-05

7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <i>Rambell</i>		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) <i>11/11/2021</i>		Date Received		Noted By	
Street or Route <i>237 W Florida St</i>		Telephone Number <i>(262) 492-6283</i>		Comments					
City <i>Milwaukee</i>		State <i>WI</i>		ZIP Code <i>53204</i>		Signature of Person Doing Work <i>[Signature]</i>		Date Signed <i>11/11/21</i>	

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <i>PPP Tank Closure</i>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name <i>TW-1</i>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input checked="" type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. <i>42° 32' 17.07" N</i> Long. <i>87° 57' 4.72" W</i>	Wis. Unique Well No. <input type="checkbox"/> DNR Well ID No. <input type="checkbox"/>
Facility ID	St. Plane ft. N. <input type="checkbox"/> ft. E. <input type="checkbox"/> S/C/N <input type="checkbox"/>	Date Well Installed <i>11/11/2021</i>
Type of Well Well Code <i>1</i>	Section Location of Waste/Source 1/4 of 1/4 of Sec. T. N, R. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <i>Tony Kupusi</i> <i>onsite environmental</i>
Distance from Waste/Source ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number

A. Protective pipe, top elevation ----- ft. MSL

B. Well casing, top elevation ----- ft. MSL

C. Land surface elevation ----- ft. MSL

D. Surface seal, bottom ----- ft. MSL or ----- ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

13. Sieve analysis performed? Yes No

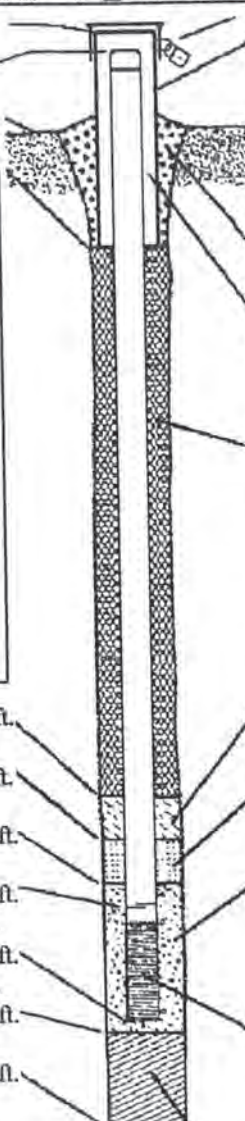
14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No

Describe _____

17. Source of water (attach analysis, if required):



1. Cap and lock? Yes No

2. Protective cover pipe:
 a. Inside diameter: *1.0* in.
 b. Length: *1.5* ft.
 c. Material: *PVC* Steel 04
 Other

d. Additional protection? Yes No
 If yes, describe: _____

3. Surface seal:
 Bentonite 30
 Concrete 01
 Other

4. Material between well casing and protective pipe:
 Bentonite 30
 Other

5. Annular space seal:
 a. Granular/Chipped Bentonite 33
 b. _____ Lbs/gal mud weight... Bentonite-sand slurry 35
 c. _____ Lbs/gal mud weight... Bentonite slurry 31
 d. _____ % Bentonite... Bentonite-cement grout 50
 e. _____ Ft³ volume added for any of the above
 f. How installed: Tremie 01
 Tremie pumped 02
 Gravity 08

6. Bentonite seal:
 a. Bentonite granules 33
 b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 c. _____ Other

7. Fine sand material: Manufacturer, product name & mesh size
 a. *Red flint # 20*
 b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name & mesh size
 a. *Red flint # 40*
 b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other

10. Screen material: *PVC*
 a. Screen type: Factory cut 11
 Continuous slot 01
 Other
 b. Manufacturer *mono flex*
 c. Slot size: *0.010* in.
 d. Slotted length: *10 ft.*

11. Backfill material (below filter pack): None 14
 Other

E. Bentonite seal, top ----- ft. MSL or *0* ft.

F. Fine sand, top ----- ft. MSL or *2* ft.

G. Filter pack, top ----- ft. MSL or *3* ft.

H. Screen joint, top ----- ft. MSL or *5* ft.

I. Well bottom ----- ft. MSL or *15* ft.

J. Filter pack, bottom ----- ft. MSL or *15* ft.

K. Borehole, bottom ----- ft. MSL or *15* ft.

L. Borehole, diameter *2.0* in.

M. O.D. well casing ----- in.

N. I.D. well casing ----- in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Signature]* Firm *Ramboll*

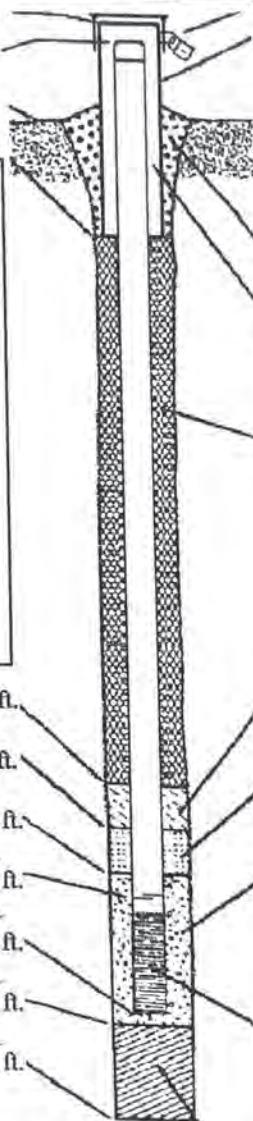
Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name: PPP Tank Closure
 Facility License, Permit or Monitoring No.: _____
 Facility ID: _____
 Type of Well: _____
 Well Code: 1
 Distance from Waste/Source: _____ ft. Enf. Stds. Apply
 Local Grid Location of Well: _____ ft. N. _____ ft. E. _____ ft. S. _____ ft. W.
 Local Grid Origin (estimated) or Well Location: _____
 Lat. 42° 32' 17.30" Long. 67° 54' 4.51"
 St. Plane: _____ ft. N. _____ ft. E. S/C/N _____
 Section Location of Waste/Source: _____
 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. _____
 Location of Well Relative to Waste/Source: Upgradient Sidegradient Downgradient Not Known
 Gov. Lot Number: _____
 Well Name: TW-2
 Wis. Unique Well No.: _____ DNR Well ID No.: _____
 Date Well Installed: 11/11/2021
 Well Installed By: Name (first, last) and Firm: Tony Kupski Onsite Environmental

- A. Protective pipe, top elevation _____ ft. MSL
 B. Well casing, top elevation _____ ft. MSL
 C. Land surface elevation _____ ft. MSL
 D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock
 13. Sieve analysis performed? Yes No
 14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Other _____
 15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99
 16. Drilling additives used? Yes No
 Describe: _____
 17. Source of water (attach analysis, if required): _____



1. Cap and lock? Yes No
 2. Protective cover pipe:
 a. Inside diameter: _____
 b. Length: 1.0 in.
1.5 ft.
 c. Material: PVC Steel 04
 Other _____
 d. Additional protection? Yes No
 If yes, describe: _____
 3. Surface seal: Bentonite 30
 Concrete 01
 Other _____
 4. Material between well casing and protective pipe:
 Bentonite 30
 Other _____
 5. Annular space seal:
 a. Granular/Chipped Bentonite 33
 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry 35
 c. _____ Lbs/gal mud weight ... Bentonite slurry 31
 d. _____ % Bentonite ... Bentonite-cement grout 50
 e. _____ Ft³ volume added for any of the above
 f. How installed: Tremie 01
 Tremie pumped 02
 Gravity 08
 6. Bentonite seal:
 a. Bentonite granules 33
 b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 c. _____ Other _____
 7. Fine sand material: Manufacturer, product name & mesh size
 a. Red flint sand #20
 b. Volume added _____ ft³
 8. Filter pack material: Manufacturer, product name & mesh size
 a. Red flint sand #40
 b. Volume added _____ ft³
 9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other _____
 10. Screen material: PVC
 a. Screen type: Factory cut 11
 Continuous slot 01
 Other _____
 b. Manufacturer monoflex
 c. Slot size: _____
 d. Slotted length: _____ 0.020 in.
 _____ 1.0 ft.
 11. Backfill material (below filter pack): None 14
 Other _____

- E. Bentonite seal, top _____ ft. MSL or 0 ft.
 F. Fine sand, top _____ ft. MSL or 2 ft.
 G. Filter pack, top _____ ft. MSL or 3 ft.
 H. Screen joint, top _____ ft. MSL or 5 ft.
 I. Well bottom _____ ft. MSL or 15 ft.
 J. Filter pack, bottom _____ ft. MSL or 15 ft.
 K. Borehole, bottom _____ ft. MSL or 15 ft.
 L. Borehole, diameter 2.0 in.
 M. O.D. well casing _____ in.
 N. I.D. well casing _____ in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.
 Signature: [Signature] Firm: Ramboll

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.



ATTACHMENT 5
LABORATORY SOIL ANALYTICAL REPORT

October 20, 2021

Andrew Cawrse
Ramboll Americas
234 W Florida St
Milwaukee, WI 53204

RE: Project: P4 TSSA
Pace Project No.: 40235291

Dear Andrew Cawrse:

Enclosed are the analytical results for sample(s) received by the laboratory on October 16, 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,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Data Delivery Team, Ramboll
Steve Wiskes, Ramboll



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: P4 TSSA

Pace Project No.: 40235291

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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without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: P4 TSSA
Pace Project No.: 40235291

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40235291001	G-SW-N	Solid	10/15/21 10:00	10/16/21 08:35
40235291002	G-SW-E	Solid	10/15/21 10:05	10/16/21 08:35
40235291003	G-SW-S	Solid	10/15/21 10:10	10/16/21 08:35
40235291004	G-D	Solid	10/15/21 10:15	10/16/21 08:35
40235291005	G-DUP	Solid	10/15/21 00:00	10/16/21 08:35
40235291006	DI-SW-NE	Solid	10/15/21 10:30	10/16/21 08:35
40235291007	DI-SW-NW	Solid	10/15/21 10:35	10/16/21 08:35
40235291008	DI-SW-W	Solid	10/15/21 10:40	10/16/21 08:35
40235291009	DI-SW-SW	Solid	10/15/21 10:45	10/16/21 08:35
40235291010	DI-SW-SE	Solid	10/15/21 10:50	10/16/21 08:35
40235291011	DI-D	Solid	10/15/21 10:55	10/16/21 08:35
40235291012	DI-DUP	Solid	10/15/21 00:00	10/16/21 08:35
40235291013	D2-SW-NE	Solid	10/15/21 11:00	10/16/21 08:35
40235291014	D2-SW-NW	Solid	10/15/21 11:05	10/16/21 08:35
40235291015	D2-SW-W	Solid	10/15/21 11:10	10/16/21 08:35
40235291016	D2-SW-SW	Solid	10/15/21 11:15	10/16/21 08:35
40235291017	D2-SW-SE	Solid	10/15/21 11:20	10/16/21 08:35
40235291018	D2-SW-E	Solid	10/15/21 11:25	10/16/21 08:35
40235291019	D2-D	Solid	10/15/21 11:30	10/16/21 08:35
40235291020	D2-DUP	Solid	10/15/21 00:00	10/16/21 08:35
40235291021	TRIP BLANK	Solid	10/15/21 00:00	10/16/21 08:35

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: P4 TSSA
Pace Project No.: 40235291

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40235291001	G-SW-N	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291002	G-SW-E	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291003	G-SW-S	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291004	G-D	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291005	G-DUP	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291006	DI-SW-NE	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291007	DI-SW-NW	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291008	DI-SW-W	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291009	DI-SW-SW	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291010	DI-SW-SE	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291011	DI-D	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291012	DI-DUP	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291013	D2-SW-NE	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291014	D2-SW-NW	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291015	D2-SW-W	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291016	D2-SW-SW	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291017	D2-SW-SE	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291018	D2-SW-E	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40235291019	D2-D	EPA 8260	ALD	13

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SAMPLE ANALYTE COUNT

Project: P4 TSSA
Pace Project No.: 40235291

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40235291020	D2-DUP	ASTM D2974-87	AXW	1
		EPA 8260	ALD	13
40235291021	TRIP BLANK	ASTM D2974-87	AXW	1
		EPA 8260	ALD	13

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: P4 TSSA
Pace Project No.: 40235291

Sample: G-SW-N **Lab ID: 40235291001** Collected: 10/15/21 10:00 Received: 10/16/21 08:35 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	<27.7	ug/kg	46.5	27.7	2	10/19/21 08:30	10/19/21 20:21	71-43-2	
Ethylbenzene	<27.7	ug/kg	116	27.7	2	10/19/21 08:30	10/19/21 20:21	100-41-4	
Methyl-tert-butyl ether	<34.2	ug/kg	116	34.2	2	10/19/21 08:30	10/19/21 20:21	1634-04-4	
Naphthalene	<36.3	ug/kg	582	36.3	2	10/19/21 08:30	10/19/21 20:21	91-20-3	
Toluene	<29.3	ug/kg	116	29.3	2	10/19/21 08:30	10/19/21 20:21	108-88-3	
1,2,4-Trimethylbenzene	4120	ug/kg	116	34.7	2	10/19/21 08:30	10/19/21 20:21	95-63-6	
1,3,5-Trimethylbenzene	1590	ug/kg	116	37.5	2	10/19/21 08:30	10/19/21 20:21	108-67-8	
Xylene (Total)	562	ug/kg	349	84.0	2	10/19/21 08:30	10/19/21 20:21	1330-20-7	
m&p-Xylene	421	ug/kg	233	49.1	2	10/19/21 08:30	10/19/21 20:21	179601-23-1	
o-Xylene	141	ug/kg	116	34.9	2	10/19/21 08:30	10/19/21 20:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	66-153		2	10/19/21 08:30	10/19/21 20:21	460-00-4	D3
Toluene-d8 (S)	115	%	67-159		2	10/19/21 08:30	10/19/21 20:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	82-158		2	10/19/21 08:30	10/19/21 20:21	2199-69-1	

Percent Moisture

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

Percent Moisture	7.6	%	0.10	0.10	1		10/16/21 14:25		
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Sample: G-SW-E **Lab ID: 40235291002** Collected: 10/15/21 10:05 Received: 10/16/21 08:35 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	<13.8	ug/kg	23.3	13.8	1	10/19/21 08:30	10/19/21 12:56	71-43-2	
Ethylbenzene	<13.8	ug/kg	58.2	13.8	1	10/19/21 08:30	10/19/21 12:56	100-41-4	
Methyl-tert-butyl ether	<17.1	ug/kg	58.2	17.1	1	10/19/21 08:30	10/19/21 12:56	1634-04-4	
Naphthalene	<18.1	ug/kg	291	18.1	1	10/19/21 08:30	10/19/21 12:56	91-20-3	
Toluene	<14.7	ug/kg	58.2	14.7	1	10/19/21 08:30	10/19/21 12:56	108-88-3	
1,2,4-Trimethylbenzene	<17.3	ug/kg	58.2	17.3	1	10/19/21 08:30	10/19/21 12:56	95-63-6	
1,3,5-Trimethylbenzene	<18.7	ug/kg	58.2	18.7	1	10/19/21 08:30	10/19/21 12:56	108-67-8	
Xylene (Total)	<42.0	ug/kg	174	42.0	1	10/19/21 08:30	10/19/21 12:56	1330-20-7	
m&p-Xylene	<24.5	ug/kg	116	24.5	1	10/19/21 08:30	10/19/21 12:56	179601-23-1	
o-Xylene	<17.4	ug/kg	58.2	17.4	1	10/19/21 08:30	10/19/21 12:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	66-153		1	10/19/21 08:30	10/19/21 12:56	460-00-4	
Toluene-d8 (S)	124	%	67-159		1	10/19/21 08:30	10/19/21 12:56	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	108	%	82-158		1	10/19/21 08:30	10/19/21 12:56	2199-69-1	

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ANALYTICAL RESULTS

Project: P4 TSSA
Pace Project No.: 40235291

Sample: G-SW-E **Lab ID: 40235291002** Collected: 10/15/21 10:05 Received: 10/16/21 08:35 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
Percent Moisture		Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay							
Percent Moisture	7.5	%	0.10	0.10	1		10/16/21 14:25		

Sample: G-SW-S **Lab ID: 40235291003** Collected: 10/15/21 10:10 Received: 10/16/21 08:35 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	<16.2	ug/kg	27.3	16.2	1	10/19/21 08:30	10/19/21 13:18	71-43-2	
Ethylbenzene	<16.2	ug/kg	68.2	16.2	1	10/19/21 08:30	10/19/21 13:18	100-41-4	
Methyl-tert-butyl ether	<20.1	ug/kg	68.2	20.1	1	10/19/21 08:30	10/19/21 13:18	1634-04-4	
Naphthalene	<21.3	ug/kg	341	21.3	1	10/19/21 08:30	10/19/21 13:18	91-20-3	
Toluene	<17.2	ug/kg	68.2	17.2	1	10/19/21 08:30	10/19/21 13:18	108-88-3	
1,2,4-Trimethylbenzene	<20.3	ug/kg	68.2	20.3	1	10/19/21 08:30	10/19/21 13:18	95-63-6	
1,3,5-Trimethylbenzene	<22.0	ug/kg	68.2	22.0	1	10/19/21 08:30	10/19/21 13:18	108-67-8	
Xylene (Total)	<49.3	ug/kg	205	49.3	1	10/19/21 08:30	10/19/21 13:18	1330-20-7	
m&p-Xylene	<28.8	ug/kg	136	28.8	1	10/19/21 08:30	10/19/21 13:18	179601-23-1	
o-Xylene	<20.5	ug/kg	68.2	20.5	1	10/19/21 08:30	10/19/21 13:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	66-153		1	10/19/21 08:30	10/19/21 13:18	460-00-4	
Toluene-d8 (S)	125	%	67-159		1	10/19/21 08:30	10/19/21 13:18	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	10/19/21 08:30	10/19/21 13:18	2199-69-1	

Percent Moisture		Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay							
Percent Moisture	15.4	%	0.10	0.10	1		10/16/21 14:25		

Sample: G-D **Lab ID: 40235291004** Collected: 10/15/21 10:15 Received: 10/16/21 08:35 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	<27.5	ug/kg	46.2	27.5	2	10/19/21 08:30	10/20/21 08:37	71-43-2	
Ethylbenzene	<27.5	ug/kg	115	27.5	2	10/19/21 08:30	10/20/21 08:37	100-41-4	
Methyl-tert-butyl ether	<33.9	ug/kg	115	33.9	2	10/19/21 08:30	10/20/21 08:37	1634-04-4	
Naphthalene	<36.0	ug/kg	577	36.0	2	10/19/21 08:30	10/20/21 08:37	91-20-3	
Toluene	<29.1	ug/kg	115	29.1	2	10/19/21 08:30	10/20/21 08:37	108-88-3	
1,2,4-Trimethylbenzene	230	ug/kg	115	34.4	2	10/19/21 08:30	10/20/21 08:37	95-63-6	

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ANALYTICAL RESULTS

Project: P4 TSSA
Pace Project No.: 40235291

Sample: G-D **Lab ID: 40235291004** Collected: 10/15/21 10:15 Received: 10/16/21 08:35 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									
1,3,5-Trimethylbenzene	68.3J	ug/kg	115	37.2	2	10/19/21 08:30	10/20/21 08:37	108-67-8	
Xylene (Total)	<83.3	ug/kg	346	83.3	2	10/19/21 08:30	10/20/21 08:37	1330-20-7	
m&p-Xylene	<48.7	ug/kg	231	48.7	2	10/19/21 08:30	10/20/21 08:37	179601-23-1	
o-Xylene	<34.6	ug/kg	115	34.6	2	10/19/21 08:30	10/20/21 08:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	66-153		2	10/19/21 08:30	10/20/21 08:37	460-00-4	
Toluene-d8 (S)	116	%	67-159		2	10/19/21 08:30	10/20/21 08:37	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	107	%	82-158		2	10/19/21 08:30	10/20/21 08:37	2199-69-1	

Percent Moisture

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

Percent Moisture	7.1	%	0.10	0.10	1		10/16/21 14:25		
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Sample: G-DUP **Lab ID: 40235291005** Collected: 10/15/21 00:00 Received: 10/16/21 08:35 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	<27.5	ug/kg	46.2	27.5	2	10/19/21 08:30	10/19/21 20:42	71-43-2	
Ethylbenzene	<27.5	ug/kg	115	27.5	2	10/19/21 08:30	10/19/21 20:42	100-41-4	
Methyl-tert-butyl ether	<33.9	ug/kg	115	33.9	2	10/19/21 08:30	10/19/21 20:42	1634-04-4	
Naphthalene	<36.0	ug/kg	577	36.0	2	10/19/21 08:30	10/19/21 20:42	91-20-3	
Toluene	<29.1	ug/kg	115	29.1	2	10/19/21 08:30	10/19/21 20:42	108-88-3	
1,2,4-Trimethylbenzene	4510	ug/kg	115	34.4	2	10/19/21 08:30	10/19/21 20:42	95-63-6	
1,3,5-Trimethylbenzene	1580	ug/kg	115	37.2	2	10/19/21 08:30	10/19/21 20:42	108-67-8	
Xylene (Total)	558	ug/kg	346	83.3	2	10/19/21 08:30	10/19/21 20:42	1330-20-7	
m&p-Xylene	448	ug/kg	231	48.7	2	10/19/21 08:30	10/19/21 20:42	179601-23-1	
o-Xylene	109J	ug/kg	115	34.6	2	10/19/21 08:30	10/19/21 20:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	66-153		2	10/19/21 08:30	10/19/21 20:42	460-00-4	
Toluene-d8 (S)	116	%	67-159		2	10/19/21 08:30	10/19/21 20:42	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	104	%	82-158		2	10/19/21 08:30	10/19/21 20:42	2199-69-1	

Percent Moisture

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

Percent Moisture	7.2	%	0.10	0.10	1		10/16/21 14:25		
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ANALYTICAL RESULTS

Project: P4 TSSA
Pace Project No.: 40235291

Sample: DI-SW-NE **Lab ID: 40235291006** Collected: 10/15/21 10:30 Received: 10/16/21 08:35 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	<28.3	ug/kg	47.6	28.3	2	10/19/21 08:30	10/20/21 08:57	71-43-2	
Ethylbenzene	<28.3	ug/kg	119	28.3	2	10/19/21 08:30	10/20/21 08:57	100-41-4	
Methyl-tert-butyl ether	<35.0	ug/kg	119	35.0	2	10/19/21 08:30	10/20/21 08:57	1634-04-4	
Naphthalene	<37.2	ug/kg	596	37.2	2	10/19/21 08:30	10/20/21 08:57	91-20-3	
Toluene	<30.0	ug/kg	119	30.0	2	10/19/21 08:30	10/20/21 08:57	108-88-3	
1,2,4-Trimethylbenzene	1820	ug/kg	119	35.5	2	10/19/21 08:30	10/20/21 08:57	95-63-6	
1,3,5-Trimethylbenzene	914	ug/kg	119	38.4	2	10/19/21 08:30	10/20/21 08:57	108-67-8	
Xylene (Total)	175J	ug/kg	357	86.0	2	10/19/21 08:30	10/20/21 08:57	1330-20-7	
m&p-Xylene	175J	ug/kg	238	50.3	2	10/19/21 08:30	10/20/21 08:57	179601-23-1	
o-Xylene	<35.7	ug/kg	119	35.7	2	10/19/21 08:30	10/20/21 08:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	66-153		2	10/19/21 08:30	10/20/21 08:57	460-00-4	
Toluene-d8 (S)	116	%	67-159		2	10/19/21 08:30	10/20/21 08:57	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	82-158		2	10/19/21 08:30	10/20/21 08:57	2199-69-1	

Percent Moisture

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

Percent Moisture	8.7	%	0.10	0.10	1		10/16/21 14:25		
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Sample: DI-SW-NW **Lab ID: 40235291007** Collected: 10/15/21 10:35 Received: 10/16/21 08:35 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	<16.1	ug/kg	27.0	16.1	1	10/19/21 08:30	10/19/21 19:20	71-43-2	
Ethylbenzene	<16.1	ug/kg	67.5	16.1	1	10/19/21 08:30	10/19/21 19:20	100-41-4	
Methyl-tert-butyl ether	<19.9	ug/kg	67.5	19.9	1	10/19/21 08:30	10/19/21 19:20	1634-04-4	
Naphthalene	<21.1	ug/kg	338	21.1	1	10/19/21 08:30	10/19/21 19:20	91-20-3	
Toluene	<17.0	ug/kg	67.5	17.0	1	10/19/21 08:30	10/19/21 19:20	108-88-3	
1,2,4-Trimethylbenzene	<20.1	ug/kg	67.5	20.1	1	10/19/21 08:30	10/19/21 19:20	95-63-6	
1,3,5-Trimethylbenzene	<21.8	ug/kg	67.5	21.8	1	10/19/21 08:30	10/19/21 19:20	108-67-8	
Xylene (Total)	<48.8	ug/kg	203	48.8	1	10/19/21 08:30	10/19/21 19:20	1330-20-7	
m&p-Xylene	<28.5	ug/kg	135	28.5	1	10/19/21 08:30	10/19/21 19:20	179601-23-1	
o-Xylene	<20.3	ug/kg	67.5	20.3	1	10/19/21 08:30	10/19/21 19:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	66-153		1	10/19/21 08:30	10/19/21 19:20	460-00-4	
Toluene-d8 (S)	122	%	67-159		1	10/19/21 08:30	10/19/21 19:20	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	104	%	82-158		1	10/19/21 08:30	10/19/21 19:20	2199-69-1	

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ANALYTICAL RESULTS

Project: P4 TSSA
Pace Project No.: 40235291

Sample: DI-SW-NW **Lab ID: 40235291007** Collected: 10/15/21 10:35 Received: 10/16/21 08:35 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
Percent Moisture		Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay							
Percent Moisture	14.9	%	0.10	0.10	1		10/16/21 14:25		

Sample: DI-SW-W **Lab ID: 40235291008** Collected: 10/15/21 10:40 Received: 10/16/21 08:35 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	< 16.1	ug/kg	27.1	16.1	1	10/19/21 08:30	10/19/21 13:38	71-43-2	
Ethylbenzene	< 16.1	ug/kg	67.8	16.1	1	10/19/21 08:30	10/19/21 13:38	100-41-4	
Methyl-tert-butyl ether	< 19.9	ug/kg	67.8	19.9	1	10/19/21 08:30	10/19/21 13:38	1634-04-4	
Naphthalene	< 21.1	ug/kg	339	21.1	1	10/19/21 08:30	10/19/21 13:38	91-20-3	
Toluene	< 17.1	ug/kg	67.8	17.1	1	10/19/21 08:30	10/19/21 13:38	108-88-3	
1,2,4-Trimethylbenzene	< 20.2	ug/kg	67.8	20.2	1	10/19/21 08:30	10/19/21 13:38	95-63-6	
1,3,5-Trimethylbenzene	< 21.8	ug/kg	67.8	21.8	1	10/19/21 08:30	10/19/21 13:38	108-67-8	
Xylene (Total)	< 48.9	ug/kg	203	48.9	1	10/19/21 08:30	10/19/21 13:38	1330-20-7	
m&p-Xylene	< 28.6	ug/kg	136	28.6	1	10/19/21 08:30	10/19/21 13:38	179601-23-1	
o-Xylene	< 20.3	ug/kg	67.8	20.3	1	10/19/21 08:30	10/19/21 13:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	66-153		1	10/19/21 08:30	10/19/21 13:38	460-00-4	
Toluene-d8 (S)	126	%	67-159		1	10/19/21 08:30	10/19/21 13:38	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	106	%	82-158		1	10/19/21 08:30	10/19/21 13:38	2199-69-1	

Percent Moisture		Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay							
Percent Moisture	15.1	%	0.10	0.10	1		10/16/21 14:25		

Sample: DI-SW-SW **Lab ID: 40235291009** Collected: 10/15/21 10:45 Received: 10/16/21 08:35 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	< 16.6	ug/kg	28.0	16.6	1	10/19/21 08:30	10/19/21 13:58	71-43-2	
Ethylbenzene	< 16.6	ug/kg	69.9	16.6	1	10/19/21 08:30	10/19/21 13:58	100-41-4	
Methyl-tert-butyl ether	< 20.5	ug/kg	69.9	20.5	1	10/19/21 08:30	10/19/21 13:58	1634-04-4	
Naphthalene	< 21.8	ug/kg	349	21.8	1	10/19/21 08:30	10/19/21 13:58	91-20-3	
Toluene	< 17.6	ug/kg	69.9	17.6	1	10/19/21 08:30	10/19/21 13:58	108-88-3	
1,2,4-Trimethylbenzene	< 20.8	ug/kg	69.9	20.8	1	10/19/21 08:30	10/19/21 13:58	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P4 TSSA
Pace Project No.: 40235291

Sample: DI-SW-SW **Lab ID: 40235291009** Collected: 10/15/21 10:45 Received: 10/16/21 08:35 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									
1,3,5-Trimethylbenzene	<22.5	ug/kg	69.9	22.5	1	10/19/21 08:30	10/19/21 13:58	108-67-8	
Xylene (Total)	<50.5	ug/kg	210	50.5	1	10/19/21 08:30	10/19/21 13:58	1330-20-7	
m&p-Xylene	<29.5	ug/kg	140	29.5	1	10/19/21 08:30	10/19/21 13:58	179601-23-1	
o-Xylene	<21.0	ug/kg	69.9	21.0	1	10/19/21 08:30	10/19/21 13:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	66-153		1	10/19/21 08:30	10/19/21 13:58	460-00-4	
Toluene-d8 (S)	127	%	67-159		1	10/19/21 08:30	10/19/21 13:58	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	106	%	82-158		1	10/19/21 08:30	10/19/21 13:58	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.6	%	0.10	0.10	1		10/16/21 14:26		

Sample: DI-SW-SE **Lab ID: 40235291010** Collected: 10/15/21 10:50 Received: 10/16/21 08:35 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	26.9	16.0	1	10/19/21 08:30	10/19/21 14:18	71-43-2	
Ethylbenzene	<16.0	ug/kg	67.3	16.0	1	10/19/21 08:30	10/19/21 14:18	100-41-4	
Methyl-tert-butyl ether	42.4J	ug/kg	67.3	19.8	1	10/19/21 08:30	10/19/21 14:18	1634-04-4	
Naphthalene	<21.0	ug/kg	337	21.0	1	10/19/21 08:30	10/19/21 14:18	91-20-3	
Toluene	<17.0	ug/kg	67.3	17.0	1	10/19/21 08:30	10/19/21 14:18	108-88-3	
1,2,4-Trimethylbenzene	<20.1	ug/kg	67.3	20.1	1	10/19/21 08:30	10/19/21 14:18	95-63-6	
1,3,5-Trimethylbenzene	<21.7	ug/kg	67.3	21.7	1	10/19/21 08:30	10/19/21 14:18	108-67-8	
Xylene (Total)	<48.6	ug/kg	202	48.6	1	10/19/21 08:30	10/19/21 14:18	1330-20-7	
m&p-Xylene	<28.4	ug/kg	135	28.4	1	10/19/21 08:30	10/19/21 14:18	179601-23-1	
o-Xylene	<20.2	ug/kg	67.3	20.2	1	10/19/21 08:30	10/19/21 14:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	66-153		1	10/19/21 08:30	10/19/21 14:18	460-00-4	
Toluene-d8 (S)	114	%	67-159		1	10/19/21 08:30	10/19/21 14:18	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	82-158		1	10/19/21 08:30	10/19/21 14:18	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.8	%	0.10	0.10	1		10/16/21 14:26		

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ANALYTICAL RESULTS

Project: P4 TSSA
Pace Project No.: 40235291

Sample: DI-D **Lab ID: 40235291011** Collected: 10/15/21 10:55 Received: 10/16/21 08:35 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	<13.6	ug/kg	22.9	13.6	1	10/19/21 08:30	10/19/21 20:01	71-43-2	
Ethylbenzene	71.5	ug/kg	57.3	13.6	1	10/19/21 08:30	10/19/21 20:01	100-41-4	
Methyl-tert-butyl ether	<16.9	ug/kg	57.3	16.9	1	10/19/21 08:30	10/19/21 20:01	1634-04-4	
Naphthalene	912	ug/kg	287	17.9	1	10/19/21 08:30	10/19/21 20:01	91-20-3	
Toluene	<14.4	ug/kg	57.3	14.4	1	10/19/21 08:30	10/19/21 20:01	108-88-3	
1,2,4-Trimethylbenzene	1730	ug/kg	57.3	17.1	1	10/19/21 08:30	10/19/21 20:01	95-63-6	
1,3,5-Trimethylbenzene	821	ug/kg	57.3	18.5	1	10/19/21 08:30	10/19/21 20:01	108-67-8	
Xylene (Total)	360	ug/kg	172	41.4	1	10/19/21 08:30	10/19/21 20:01	1330-20-7	
m&p-Xylene	156	ug/kg	115	24.2	1	10/19/21 08:30	10/19/21 20:01	179601-23-1	
o-Xylene	204	ug/kg	57.3	17.2	1	10/19/21 08:30	10/19/21 20:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	66-153		1	10/19/21 08:30	10/19/21 20:01	460-00-4	
Toluene-d8 (S)	118	%	67-159		1	10/19/21 08:30	10/19/21 20:01	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	82-158		1	10/19/21 08:30	10/19/21 20:01	2199-69-1	

Percent Moisture

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

Percent Moisture	6.8	%	0.10	0.10	1		10/16/21 14:26		
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Sample: DI-DUP **Lab ID: 40235291012** Collected: 10/15/21 00:00 Received: 10/16/21 08:35 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	<13.9	ug/kg	23.3	13.9	1	10/19/21 08:30	10/19/21 19:41	71-43-2	
Ethylbenzene	<13.9	ug/kg	58.3	13.9	1	10/19/21 08:30	10/19/21 19:41	100-41-4	
Methyl-tert-butyl ether	<17.1	ug/kg	58.3	17.1	1	10/19/21 08:30	10/19/21 19:41	1634-04-4	
Naphthalene	<18.2	ug/kg	291	18.2	1	10/19/21 08:30	10/19/21 19:41	91-20-3	
Toluene	<14.7	ug/kg	58.3	14.7	1	10/19/21 08:30	10/19/21 19:41	108-88-3	
1,2,4-Trimethylbenzene	1770	ug/kg	58.3	17.4	1	10/19/21 08:30	10/19/21 19:41	95-63-6	
1,3,5-Trimethylbenzene	840	ug/kg	58.3	18.8	1	10/19/21 08:30	10/19/21 19:41	108-67-8	
Xylene (Total)	163J	ug/kg	175	42.1	1	10/19/21 08:30	10/19/21 19:41	1330-20-7	
m&p-Xylene	137	ug/kg	117	24.6	1	10/19/21 08:30	10/19/21 19:41	179601-23-1	
o-Xylene	25.9J	ug/kg	58.3	17.5	1	10/19/21 08:30	10/19/21 19:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	80	%	66-153		1	10/19/21 08:30	10/19/21 19:41	460-00-4	
Toluene-d8 (S)	105	%	67-159		1	10/19/21 08:30	10/19/21 19:41	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	82-158		1	10/19/21 08:30	10/19/21 19:41	2199-69-1	

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ANALYTICAL RESULTS

Project: P4 TSSA

Pace Project No.: 40235291

Sample: DI-DUP **Lab ID: 40235291012** Collected: 10/15/21 00:00 Received: 10/16/21 08:35 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
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	7.6	%	0.10	0.10	1		10/16/21 14:26		

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ANALYTICAL RESULTS

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ANALYTICAL RESULTS

Project: P4 TSSA
Pace Project No.: 40235291

Sample: TRIP BLANK **Lab ID: 40235291021** Collected: 10/15/21 00:00 Received: 10/16/21 08:35 Matrix: Solid

Results reported on a "wet-weight" basis

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	<11.9	ug/kg	20.0	11.9	1	10/19/21 08:30	10/19/21 12:36	71-43-2	
Ethylbenzene	<11.9	ug/kg	50.0	11.9	1	10/19/21 08:30	10/19/21 12:36	100-41-4	
Methyl-tert-butyl ether	<14.7	ug/kg	50.0	14.7	1	10/19/21 08:30	10/19/21 12:36	1634-04-4	
Naphthalene	<15.6	ug/kg	250	15.6	1	10/19/21 08:30	10/19/21 12:36	91-20-3	
Toluene	<12.6	ug/kg	50.0	12.6	1	10/19/21 08:30	10/19/21 12:36	108-88-3	
1,2,4-Trimethylbenzene	<14.9	ug/kg	50.0	14.9	1	10/19/21 08:30	10/19/21 12:36	95-63-6	
1,3,5-Trimethylbenzene	<16.1	ug/kg	50.0	16.1	1	10/19/21 08:30	10/19/21 12:36	108-67-8	
Xylene (Total)	<36.1	ug/kg	150	36.1	1	10/19/21 08:30	10/19/21 12:36	1330-20-7	
m&p-Xylene	<21.1	ug/kg	100	21.1	1	10/19/21 08:30	10/19/21 12:36	179601-23-1	
o-Xylene	<15.0	ug/kg	50.0	15.0	1	10/19/21 08:30	10/19/21 12:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	74	%	66-153		1	10/19/21 08:30	10/19/21 12:36	460-00-4	
Toluene-d8 (S)	95	%	67-159		1	10/19/21 08:30	10/19/21 12:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	83	%	82-158		1	10/19/21 08:30	10/19/21 12:36	2199-69-1	

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QUALITY CONTROL DATA

Project: P4 TSSA
Pace Project No.: 40235291

QC Batch: 398957 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: 40235291001, 40235291002, 40235291003, 40235291004, 40235291005, 40235291006, 40235291007, 40235291008, 40235291009, 40235291010, 40235291011, 40235291012, 40235291013, 40235291014, 40235291015, 40235291016, 40235291017, 40235291018, 40235291019, 40235291021

METHOD BLANK: 2303674 Matrix: Solid
Associated Lab Samples: 40235291001, 40235291002, 40235291003, 40235291004, 40235291005, 40235291006, 40235291007, 40235291008, 40235291009, 40235291010, 40235291011, 40235291012, 40235291013, 40235291014, 40235291015, 40235291016, 40235291017, 40235291018, 40235291019, 40235291021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	10/19/21 09:55	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	10/19/21 09:55	
Benzene	ug/kg	<11.9	20.0	10/19/21 09:55	
Ethylbenzene	ug/kg	<11.9	50.0	10/19/21 09:55	
m&p-Xylene	ug/kg	<21.1	100	10/19/21 09:55	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	10/19/21 09:55	
Naphthalene	ug/kg	<15.6	250	10/19/21 09:55	
o-Xylene	ug/kg	<15.0	50.0	10/19/21 09:55	
Toluene	ug/kg	<12.6	50.0	10/19/21 09:55	
Xylene (Total)	ug/kg	<36.1	150	10/19/21 09:55	
1,2-Dichlorobenzene-d4 (S)	%	93	82-158	10/19/21 09:55	
4-Bromofluorobenzene (S)	%	79	66-153	10/19/21 09:55	
Toluene-d8 (S)	%	108	67-159	10/19/21 09:55	

LABORATORY CONTROL SAMPLE: 2303675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2510	101	70-130	
Ethylbenzene	ug/kg	2500	2650	106	78-120	
m&p-Xylene	ug/kg	5000	5250	105	70-130	
Methyl-tert-butyl ether	ug/kg	2500	1850	74	65-130	
o-Xylene	ug/kg	2500	2600	104	70-130	
Toluene	ug/kg	2500	2550	102	76-120	
Xylene (Total)	ug/kg	7500	7850	105	70-130	
1,2-Dichlorobenzene-d4 (S)	%			88	82-158	
4-Bromofluorobenzene (S)	%			79	66-153	
Toluene-d8 (S)	%			108	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2303676 2303677

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40235291002 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Benzene	ug/kg	<13.8	1170	1170	1090	1120	94	97	70-130	3	20	
Ethylbenzene	ug/kg	<13.8	1170	1170	1180	1190	101	103	78-120	1	20	

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QUALITY CONTROL DATA

Project: P4 TSSA

Pace Project No.: 40235291

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2303676		2303677		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235291002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
m&p-Xylene	ug/kg	<24.5	2330	2330	2400	2300	103	99	70-130	4	20		
Methyl-tert-butyl ether	ug/kg	<17.1	1170	1170	808	852	69	73	65-130	5	20		
o-Xylene	ug/kg	<17.4	1170	1170	1190	1170	102	101	70-130	2	20		
Toluene	ug/kg	<14.7	1170	1170	1090	1140	94	98	76-120	4	20		
Xylene (Total)	ug/kg	<42.0	3490	3490	3590	3470	103	99	70-130	3	20		
1,2-Dichlorobenzene-d4 (S)	%						104	108	82-158				
4-Bromofluorobenzene (S)	%						94	93	66-153				
Toluene-d8 (S)	%						118	121	67-159				

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QUALITY CONTROL DATA

Project: P4 TSSA
Pace Project No.: 40235291

QC Batch: 398972 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: 40235291020

METHOD BLANK: 2303751 Matrix: Solid
Associated Lab Samples: 40235291020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	10/19/21 17:40	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	10/19/21 17:40	
Benzene	ug/kg	<11.9	20.0	10/19/21 17:40	
Ethylbenzene	ug/kg	<11.9	50.0	10/19/21 17:40	
m&p-Xylene	ug/kg	<21.1	100	10/19/21 17:40	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	10/19/21 17:40	
Naphthalene	ug/kg	<15.6	250	10/19/21 17:40	
o-Xylene	ug/kg	<15.0	50.0	10/19/21 17:40	
Toluene	ug/kg	<12.6	50.0	10/19/21 17:40	
Xylene (Total)	ug/kg	<36.1	150	10/19/21 17:40	
1,2-Dichlorobenzene-d4 (S)	%	105	82-158	10/19/21 17:40	
4-Bromofluorobenzene (S)	%	111	66-153	10/19/21 17:40	
Toluene-d8 (S)	%	104	67-159	10/19/21 17:40	

LABORATORY CONTROL SAMPLE: 2303752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2520	101	70-130	
Ethylbenzene	ug/kg	2500	2570	103	78-120	
m&p-Xylene	ug/kg	5000	4960	99	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2310	92	65-130	
o-Xylene	ug/kg	2500	2510	100	70-130	
Toluene	ug/kg	2500	2490	99	76-120	
Xylene (Total)	ug/kg	7500	7470	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	82-158	
4-Bromofluorobenzene (S)	%			115	66-153	
Toluene-d8 (S)	%			105	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2303753 2303754

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40235197008 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Benzene	ug/kg	<16.3	1380	1380	1330	1300	97	95	70-130	2	20	
Ethylbenzene	ug/kg	<16.3	1380	1380	1310	1280	95	93	78-120	2	20	
m&p-Xylene	ug/kg	<29.0	2740	2740	2540	2520	92	92	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	<20.2	1380	1380	1220	1140	89	83	65-130	7	20	
o-Xylene	ug/kg	<20.6	1380	1380	1280	1210	93	88	70-130	5	20	

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QUALITY CONTROL DATA

Project: P4 TSSA

Pace Project No.: 40235291

Parameter	Units	2303753		2303754		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235197008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Toluene	ug/kg	<17.3	1380	1380	1330	1280	97	93	76-120	4	20		
Xylene (Total)	ug/kg	<49.6	4120	4120	3820	3730	93	91	70-130	2	20		
1,2-Dichlorobenzene-d4 (S)	%						116	115	82-158				
4-Bromofluorobenzene (S)	%						129	129	66-153				
Toluene-d8 (S)	%						117	119	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: P4 TSSA

Pace Project No.: 40235291

QC Batch:	398739	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: 40235291001, 40235291002, 40235291003, 40235291004, 40235291005, 40235291006, 40235291007, 40235291008, 40235291009, 40235291010, 40235291011, 40235291012, 40235291013, 40235291014, 40235291015, 40235291016, 40235291017, 40235291018, 40235291019, 40235291020

SAMPLE DUPLICATE: 2302411

Parameter	Units	40235291007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.9	15.4	3	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.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: P4 TSSA
Pace Project No.: 40235291

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.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P4 TSSA
Pace Project No.: 40235291

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40235291001	G-SW-N	EPA 5035/5030B	398957	EPA 8260	398959
40235291002	G-SW-E	EPA 5035/5030B	398957	EPA 8260	398959
40235291003	G-SW-S	EPA 5035/5030B	398957	EPA 8260	398959
40235291004	G-D	EPA 5035/5030B	398957	EPA 8260	398959
40235291005	G-DUP	EPA 5035/5030B	398957	EPA 8260	398959
40235291006	DI-SW-NE	EPA 5035/5030B	398957	EPA 8260	398959
40235291007	DI-SW-NW	EPA 5035/5030B	398957	EPA 8260	398959
40235291008	DI-SW-W	EPA 5035/5030B	398957	EPA 8260	398959
40235291009	DI-SW-SW	EPA 5035/5030B	398957	EPA 8260	398959
40235291010	DI-SW-SE	EPA 5035/5030B	398957	EPA 8260	398959
40235291011	DI-D	EPA 5035/5030B	398957	EPA 8260	398959
40235291012	DI-DUP	EPA 5035/5030B	398957	EPA 8260	398959
40235291013	D2-SW-NE	EPA 5035/5030B	398957	EPA 8260	398959
40235291014	D2-SW-NW	EPA 5035/5030B	398957	EPA 8260	398959
40235291015	D2-SW-W	EPA 5035/5030B	398957	EPA 8260	398959
40235291016	D2-SW-SW	EPA 5035/5030B	398957	EPA 8260	398959
40235291017	D2-SW-SE	EPA 5035/5030B	398957	EPA 8260	398959
40235291018	D2-SW-E	EPA 5035/5030B	398957	EPA 8260	398959
40235291019	D2-D	EPA 5035/5030B	398957	EPA 8260	398959
40235291020	D2-DUP	EPA 5035/5030B	398972	EPA 8260	398973
40235291021	TRIP BLANK	EPA 5035/5030B	398957	EPA 8260	398959
40235291001	G-SW-N	ASTM D2974-87	398739		
40235291002	G-SW-E	ASTM D2974-87	398739		
40235291003	G-SW-S	ASTM D2974-87	398739		
40235291004	G-D	ASTM D2974-87	398739		
40235291005	G-DUP	ASTM D2974-87	398739		
40235291006	DI-SW-NE	ASTM D2974-87	398739		
40235291007	DI-SW-NW	ASTM D2974-87	398739		
40235291008	DI-SW-W	ASTM D2974-87	398739		
40235291009	DI-SW-SW	ASTM D2974-87	398739		
40235291010	DI-SW-SE	ASTM D2974-87	398739		
40235291011	DI-D	ASTM D2974-87	398739		
40235291012	DI-DUP	ASTM D2974-87	398739		
40235291013	D2-SW-NE	ASTM D2974-87	398739		
40235291014	D2-SW-NW	ASTM D2974-87	398739		
40235291015	D2-SW-W	ASTM D2974-87	398739		
40235291016	D2-SW-SW	ASTM D2974-87	398739		
40235291017	D2-SW-SE	ASTM D2974-87	398739		
40235291018	D2-SW-E	ASTM D2974-87	398739		
40235291019	D2-D	ASTM D2974-87	398739		
40235291020	D2-DUP	ASTM D2974-87	398739		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

40235291

ALL SHADED AREAS are for LAB USE ONLY

Company: **Ramboll** Billing Information: **Ramboll**
 Address: **234 W Florida St, Milwaukee** accounts payable US@ramboll.com
 Report To: **Andrew Course** Email To: **GNSdata@ramboll.com**
 Copy To: _____ Site Collection Info/Address: _____

Customer Project Name/Number: **P4 TSSA** State: **WI** County/City: _____ Time Zone Collected: [] PT [] MT [] CT [] ET
 Phone: **414-837-3645** Site/Facility ID #: _____ Compliance Monitoring? [] Yes [] No
 Email: _____
 Collected By (print): **Andrew Course** Purchase Order #: _____ DW PWS ID #: _____
 Quote #: _____ DW Location Code: _____
 Collected By (signature): **Andrew Course** Turnaround Date Required: **3 Day TAT** Immediately Packed on Ice: [X] Yes [] No
 Sample Disposal: _____ Rush: [] Same Day [] Next Day [] 2 Day [X] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)
 [X] Dispose as appropriate [] Return [] Archive: _____ [] Hold: _____ Field Filtered (if applicable): [] Yes [] No
 Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
G-SW-N	S	G	10/15/21	1000				
G-SW-E				1005				
G-SW-S				1010				
G-D				1015				
G-PUP				-				
D1-SW-NE				1030				
D1-SW-NW				1035				
D1-SW-W				1040				
D1-SW-SW				1045				
D1-SW-SE				1050				

Container Preservative Type **		Lab Project Manager:	
6	6		
** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other			
Analyses		Lab Profile/Line:	

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA
 Custody Signatures Present Y N NA
 Collector Signature Present Y N NA
 Bottles Intact Y N NA
 Correct Bottles Y N NA
 Sufficient Volume Y N NA
 Samples Received on Ice Y N NA
 VOA - Headspace Acceptable Y N NA
 USDA Regulated Soils Y N NA
 Samples in Holding Time Y N NA
 Residual Chlorine Present Y N NA
 Cl Strips: _____
 Sample pH Acceptable Y N NA
 pH Strips: _____
 Sulfide Present Y N NA
 Lead Acetate Strips: _____

LAB USE ONLY: Lab Sample # **2700638** Comments: **see sur**

Customer Remarks / Special Conditions / Possible Hazards: *** 3 Day TAT**
*** Analyze Trip Blank for PWSCH Naph**
 Type of Ice Used: Wet Blue Dry None
 Packing Material Used: _____
 Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Lab Tracking #: **2700638**
 Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
 Temp Blank Received: Y N NA
 Thermo ID#: _____
 Cooler 1 Temp Upon Receipt: _____ oC
 Cooler 1 Therm Corr. Factor: _____ oC
 Cooler 1 Corrected Temp: _____ oC
 Comments: _____

Relinquished by/Company: (Signature) **Andrew Course**
 Date/Time: **10/15/21 1600**

Relinquished by/Company: (Signature) **CS Logistics**
 Date/Time: **10/16/21 835**

Relinquished by/Company: (Signature) _____
 Date/Time: _____

Received by/Company: (Signature) _____
 Date/Time: _____

Received by/Company: (Signature) **Vijayalakshmi**
 Date/Time: **10/16/21 835**

Received by/Company: (Signature) _____
 Date/Time: _____

Table #: _____
 Acctnum: _____
 Template: _____
 Prelogin: _____
 PM: _____
 PB: _____

Trip Blank Received: Y N NA
 HCL MeOH TSP Other
 Non Conformance(s): YES / NO
 Page: **Page 26 of 30**
 of: _____



CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

40235291

ALL SHADED AREAS are for LAB USE ONLY

Company: Ramboll Billing Information: Ramboll

Address: Milwaukee, WI

Report To: Andrew Cawse Email To: 605.data@ramboll.com

Copy To: _____ Site Collection Info/Address: _____

Customer Project Name/Number: P4 TSSA State: WI County/City: _____ Time Zone Collected: [] PT [] MT [] CT [] ET

Phone: _____ Site/Facility ID #: _____ Compliance Monitoring? [] Yes [] No
Email: 414-837-3645

Collected By (print): Andrew Cawse Purchase Order #: _____ DW PWS ID #: _____
Quote #: _____ DW Location Code: _____

Collected By (signature): Andrew C Turnaround Date Required: 3 Day TAT Immediately Packed on Ice: [X] Yes [] No

Sample Disposal: _____ Rush: [] Same Day [] Next Day [] 2 Day [X] 3 Day [] 4 Day [] 5 Day [] Hold: _____ Field Filtered (if applicable): [] Yes [] No
Analysis: _____

Container Preservative Type **
6 6

Lab Project Manager: _____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	Analysis	Lab Profile/Line:
			Date	Time	Date	Time				
D1-D	S	6	10/16/21	1055						Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA Custody Signatures Present Y N NA Collector Signature Present Y N NA Bottles Intact Y N NA Correct Bottles Y N NA Sufficient Volume Y N NA Samples Received on Ice Y N NA VOA - Headspace Acceptable Y N NA USDA Regulated Soils Y N NA Samples in Holding Time Y N NA Residual Chlorine Present Y N NA Cl Strips: _____ Sample pH Acceptable Y N NA pH Strips: _____ Sulfide Present Y N NA Lead Acetate Strips: _____ LAB USE ONLY Lab Sample # / Comments: <u>011</u> <u>012</u> <u>013</u> <u>014</u> <u>015</u> <u>016</u> <u>017</u> <u>018</u> <u>019</u> <u>020</u>
D1-DUP				-						
D2-SW-NE				1100						
D2-SW-NW				1105						
D2-SW-W				1110						
D2-SW-SW				1115						
D2-SW-SE				1120						
D2-SW-E				1125						
D2-D				1130						
D2-DUP				-						

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
D1-D	S	6	10/16/21	1055				
D1-DUP				-				
D2-SW-NE				1100				
D2-SW-NW				1105				
D2-SW-W				1110				
D2-SW-SW				1115				
D2-SW-SE				1120				
D2-SW-E				1125				
D2-D				1130				
D2-DUP				-				

Customer Remarks: Trip Blank Type of Ice Used: Wet Blue Dry None

3 Day TAT Packing Material Used: _____

Analyze Trip Blank for PUSC + Naph Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2700636

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: _____

Cooler 1 Temp Upon Receipt: _____ oC

Cooler 1 Therm Corr. Factor: _____ oC

Cooler 1 Corrected Temp: _____ oC

Comments: _____

Relinquished by/Company: (Signature) <u>Andrew C</u>	Date/Time: <u>10/15/21 16:00</u>	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) <u>CS Logistics</u>	Date/Time: <u>10/16/21 8:35</u>	Received by/Company: (Signature) <u>Vignesh Ch</u>	Date/Time: <u>10/16/21 8:35</u>
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #: _____

Acctnum: _____

Template: _____

Prelogin: _____

PM: _____

PB: _____

Trip Blank Received: Y N NA

HCL MeOH TSP Other

added by lab, received in shipment UC 10/16/21

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Bamboll

Project # 40235291

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN		
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																																			2.5 / 5 / 10
005																																			2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
009																																			2.5 / 5 / 10
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016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN <u>600 mL poly unpres</u>
BG3U 250 mL clear glass unpres			

Sample Preservation Receipt Form

Client Name: Hamboll

Project #: 40235291

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)																		
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN																
021																																																	2.5 / 5 / 10
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																																													2.5 / 5 / 10				

Handwritten initials

Sample Condition Upon Receipt Form (SCUR)

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

Project #: _____
WO# : 40235291

 40235291

Tracking #: 2110101521
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 - 90 **Type of Ice:** Wet Blue Dry None
Cooler Temperature: Unconf: 0.5 / Corr: 0.1
Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no

Samples on ice, cooling process has begun
Person examining contents:
 Date: 10/16/21 Initials: _____
 Labeled By Initials: MP

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. <u>and copy to site info</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" 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 checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> No <input checked="" 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 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 type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>08302113</u>		

Client Notification/ Resolution: _____
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

November 17, 2021

Patrick Ahrens
WEC Business Services, LLC.
PO BOX 19800
700 NORTH ADAMS
Green Bay, WI 543079004

RE: Project: PPPP TANK CLOSURE
Pace Project No.: 40236845

Dear Patrick Ahrens:

Enclosed are the analytical results for sample(s) received by the laboratory on November 12, 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,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Andrew Cawrse, Ramboll Americas
Kevin Howard, We Energies
Dick Jackson, WE Energies
Ben Koshak, WEC Business Services, LLC.
WE Energies Lab Reports, WE Energies



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40236845001	SB-01(6-8)	Solid	11/11/21 09:27	11/12/21 07:20
40236845002	SB-01(8-10)	Solid	11/11/21 09:33	11/12/21 07:20
40236845003	SB-02(7-9)	Solid	11/11/21 09:47	11/12/21 07:20
40236845004	SB-02(10-12)	Solid	11/11/21 09:53	11/12/21 07:20
40236845005	SB-03(6-8)	Solid	11/11/21 10:20	11/12/21 07:20
40236845006	SB-04(6-8)	Solid	11/11/21 10:40	11/12/21 07:20
40236845007	SB-05(0-2)	Solid	11/11/21 10:55	11/12/21 07:20
40236845008	SB-05(10-12)	Solid	11/11/21 11:00	11/12/21 07:20
40236845009	TW-1	Water	11/11/21 12:35	11/12/21 07:20
40236845010	DUP-1	Water	11/11/21 12:40	11/12/21 07:20
40236845011	TB-1	Water	11/11/21 00:00	11/12/21 07:20

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SAMPLE ANALYTE COUNT

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40236845001	SB-01(6-8)	EPA 8260	ALD	13
		ASTM D2974-87	PDV	1
40236845002	SB-01(8-10)	EPA 8260	ALD	13
		ASTM D2974-87	PDV	1
40236845003	SB-02(7-9)	EPA 8260	ALD	13
		ASTM D2974-87	PDV	1
40236845004	SB-02(10-12)	EPA 8260	ALD	13
		ASTM D2974-87	PDV	1
40236845005	SB-03(6-8)	EPA 8260	ALD	13
		ASTM D2974-87	PDV	1
40236845006	SB-04(6-8)	EPA 8260	ALD	13
		ASTM D2974-87	PDV	1
40236845007	SB-05(0-2)	EPA 8260	ALD	13
		ASTM D2974-87	PDV	1
40236845008	SB-05(10-12)	EPA 8260	ALD	13
		ASTM D2974-87	PDV	1
40236845009	TW-1	EPA 8260	LAP	11
40236845010	DUP-1	EPA 8260	LAP	11
40236845011	TB-1	EPA 8260	LAP	11

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

Sample: SB-01(6-8) **Lab ID: 40236845001** Collected: 11/11/21 09:27 Received: 11/12/21 07:20 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	<16.8	ug/kg	28.3	16.8	1	11/15/21 08:00	11/15/21 15:14	71-43-2	
Ethylbenzene	<16.8	ug/kg	70.7	16.8	1	11/15/21 08:00	11/15/21 15:14	100-41-4	
Methyl-tert-butyl ether	<20.8	ug/kg	70.7	20.8	1	11/15/21 08:00	11/15/21 15:14	1634-04-4	
Naphthalene	<22.1	ug/kg	354	22.1	1	11/15/21 08:00	11/15/21 15:14	91-20-3	
Toluene	<17.8	ug/kg	70.7	17.8	1	11/15/21 08:00	11/15/21 15:14	108-88-3	
1,2,4-Trimethylbenzene	<21.1	ug/kg	70.7	21.1	1	11/15/21 08:00	11/15/21 15:14	95-63-6	
1,3,5-Trimethylbenzene	<22.8	ug/kg	70.7	22.8	1	11/15/21 08:00	11/15/21 15:14	108-67-8	
Xylene (Total)	<51.1	ug/kg	212	51.1	1	11/15/21 08:00	11/15/21 15:14	1330-20-7	
m&p-Xylene	<29.9	ug/kg	141	29.9	1	11/15/21 08:00	11/15/21 15:14	179601-23-1	
o-Xylene	<21.2	ug/kg	70.7	21.2	1	11/15/21 08:00	11/15/21 15:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	127	%	66-153		1	11/15/21 08:00	11/15/21 15:14	460-00-4	
Toluene-d8 (S)	133	%	67-159		1	11/15/21 08:00	11/15/21 15:14	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	121	%	82-158		1	11/15/21 08:00	11/15/21 15:14	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Green Bay

Percent Moisture	17.2	%	0.10	0.10	1		11/12/21 16:36		
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Sample: SB-01(8-10) **Lab ID: 40236845002** Collected: 11/11/21 09:33 Received: 11/12/21 07:20 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	<15.5	ug/kg	26.1	15.5	1	11/15/21 08:00	11/15/21 15:34	71-43-2	
Ethylbenzene	<15.5	ug/kg	65.2	15.5	1	11/15/21 08:00	11/15/21 15:34	100-41-4	
Methyl-tert-butyl ether	64.4J	ug/kg	65.2	19.2	1	11/15/21 08:00	11/15/21 15:34	1634-04-4	
Naphthalene	<20.3	ug/kg	326	20.3	1	11/15/21 08:00	11/15/21 15:34	91-20-3	
Toluene	<16.4	ug/kg	65.2	16.4	1	11/15/21 08:00	11/15/21 15:34	108-88-3	
1,2,4-Trimethylbenzene	<19.4	ug/kg	65.2	19.4	1	11/15/21 08:00	11/15/21 15:34	95-63-6	
1,3,5-Trimethylbenzene	<21.0	ug/kg	65.2	21.0	1	11/15/21 08:00	11/15/21 15:34	108-67-8	
Xylene (Total)	<47.1	ug/kg	196	47.1	1	11/15/21 08:00	11/15/21 15:34	1330-20-7	
m&p-Xylene	<27.5	ug/kg	130	27.5	1	11/15/21 08:00	11/15/21 15:34	179601-23-1	
o-Xylene	<19.6	ug/kg	65.2	19.6	1	11/15/21 08:00	11/15/21 15:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	116	%	66-153		1	11/15/21 08:00	11/15/21 15:34	460-00-4	
Toluene-d8 (S)	118	%	67-159		1	11/15/21 08:00	11/15/21 15:34	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	109	%	82-158		1	11/15/21 08:00	11/15/21 15:34	2199-69-1	

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ANALYTICAL RESULTS

Project: PPPP TANK CLOSURE
Pace Project No.: 40236845

Sample: SB-01(8-10) **Lab ID: 40236845002** Collected: 11/11/21 09:33 Received: 11/12/21 07:20 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
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	13.2	%	0.10	0.10	1		11/12/21 16:36		

Sample: SB-02(7-9) **Lab ID: 40236845003** Collected: 11/11/21 09:47 Received: 11/12/21 07:20 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	<16.7	ug/kg	28.0	16.7	1	11/15/21 08:00	11/15/21 15:53	71-43-2	
Ethylbenzene	<16.7	ug/kg	70.1	16.7	1	11/15/21 08:00	11/15/21 15:53	100-41-4	
Methyl-tert-butyl ether	<20.6	ug/kg	70.1	20.6	1	11/15/21 08:00	11/15/21 15:53	1634-04-4	
Naphthalene	<21.9	ug/kg	350	21.9	1	11/15/21 08:00	11/15/21 15:53	91-20-3	
Toluene	<17.7	ug/kg	70.1	17.7	1	11/15/21 08:00	11/15/21 15:53	108-88-3	
1,2,4-Trimethylbenzene	<20.9	ug/kg	70.1	20.9	1	11/15/21 08:00	11/15/21 15:53	95-63-6	
1,3,5-Trimethylbenzene	<22.6	ug/kg	70.1	22.6	1	11/15/21 08:00	11/15/21 15:53	108-67-8	
Xylene (Total)	<50.6	ug/kg	210	50.6	1	11/15/21 08:00	11/15/21 15:53	1330-20-7	
m&p-Xylene	<29.6	ug/kg	140	29.6	1	11/15/21 08:00	11/15/21 15:53	179601-23-1	
o-Xylene	<21.0	ug/kg	70.1	21.0	1	11/15/21 08:00	11/15/21 15:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	111	%	66-153		1	11/15/21 08:00	11/15/21 15:53	460-00-4	
Toluene-d8 (S)	118	%	67-159		1	11/15/21 08:00	11/15/21 15:53	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	110	%	82-158		1	11/15/21 08:00	11/15/21 15:53	2199-69-1	

Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	16.7	%	0.10	0.10	1		11/12/21 16:36		

Sample: SB-02(10-12) **Lab ID: 40236845004** Collected: 11/11/21 09:53 Received: 11/12/21 07:20 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	<16.2	ug/kg	27.3	16.2	1	11/15/21 08:00	11/15/21 19:00	71-43-2	
Ethylbenzene	<16.2	ug/kg	68.1	16.2	1	11/15/21 08:00	11/15/21 19:00	100-41-4	
Methyl-tert-butyl ether	<20.0	ug/kg	68.1	20.0	1	11/15/21 08:00	11/15/21 19:00	1634-04-4	
Naphthalene	<21.3	ug/kg	341	21.3	1	11/15/21 08:00	11/15/21 19:00	91-20-3	
Toluene	<17.2	ug/kg	68.1	17.2	1	11/15/21 08:00	11/15/21 19:00	108-88-3	
1,2,4-Trimethylbenzene	<20.3	ug/kg	68.1	20.3	1	11/15/21 08:00	11/15/21 19:00	95-63-6	

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ANALYTICAL RESULTS

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

Sample: SB-02(10-12) **Lab ID: 40236845004** Collected: 11/11/21 09:53 Received: 11/12/21 07:20 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									
1,3,5-Trimethylbenzene	<21.9	ug/kg	68.1	21.9	1	11/15/21 08:00	11/15/21 19:00	108-67-8	
Xylene (Total)	<49.2	ug/kg	204	49.2	1	11/15/21 08:00	11/15/21 19:00	1330-20-7	
m&p-Xylene	<28.8	ug/kg	136	28.8	1	11/15/21 08:00	11/15/21 19:00	179601-23-1	
o-Xylene	<20.4	ug/kg	68.1	20.4	1	11/15/21 08:00	11/15/21 19:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	66-153		1	11/15/21 08:00	11/15/21 19:00	460-00-4	
Toluene-d8 (S)	116	%	67-159		1	11/15/21 08:00	11/15/21 19:00	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	107	%	82-158		1	11/15/21 08:00	11/15/21 19:00	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.4	%	0.10	0.10	1		11/12/21 17:12		

Sample: SB-03(6-8) **Lab ID: 40236845005** Collected: 11/11/21 10:20 Received: 11/12/21 07:20 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	<17.5	ug/kg	29.4	17.5	1	11/15/21 08:00	11/15/21 18:02	71-43-2	
Ethylbenzene	<17.5	ug/kg	73.5	17.5	1	11/15/21 08:00	11/15/21 18:02	100-41-4	
Methyl-tert-butyl ether	<21.6	ug/kg	73.5	21.6	1	11/15/21 08:00	11/15/21 18:02	1634-04-4	
Naphthalene	<22.9	ug/kg	368	22.9	1	11/15/21 08:00	11/15/21 18:02	91-20-3	
Toluene	<18.5	ug/kg	73.5	18.5	1	11/15/21 08:00	11/15/21 18:02	108-88-3	
1,2,4-Trimethylbenzene	<21.9	ug/kg	73.5	21.9	1	11/15/21 08:00	11/15/21 18:02	95-63-6	
1,3,5-Trimethylbenzene	<23.7	ug/kg	73.5	23.7	1	11/15/21 08:00	11/15/21 18:02	108-67-8	
Xylene (Total)	<53.1	ug/kg	221	53.1	1	11/15/21 08:00	11/15/21 18:02	1330-20-7	
m&p-Xylene	<31.0	ug/kg	147	31.0	1	11/15/21 08:00	11/15/21 18:02	179601-23-1	
o-Xylene	<22.1	ug/kg	73.5	22.1	1	11/15/21 08:00	11/15/21 18:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	135	%	66-153		1	11/15/21 08:00	11/15/21 18:02	460-00-4	
Toluene-d8 (S)	130	%	67-159		1	11/15/21 08:00	11/15/21 18:02	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	126	%	82-158		1	11/15/21 08:00	11/15/21 18:02	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	19.0	%	0.10	0.10	1		11/12/21 17:12		

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ANALYTICAL RESULTS

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

Sample: **SB-04(6-8)** Lab ID: **40236845006** Collected: 11/11/21 10:40 Received: 11/12/21 07:20 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	<16.5	ug/kg	27.8	16.5	1	11/15/21 08:00	11/15/21 13:17	71-43-2	
Ethylbenzene	<16.5	ug/kg	69.4	16.5	1	11/15/21 08:00	11/15/21 13:17	100-41-4	
Methyl-tert-butyl ether	<20.4	ug/kg	69.4	20.4	1	11/15/21 08:00	11/15/21 13:17	1634-04-4	
Naphthalene	<21.6	ug/kg	347	21.6	1	11/15/21 08:00	11/15/21 13:17	91-20-3	
Toluene	<17.5	ug/kg	69.4	17.5	1	11/15/21 08:00	11/15/21 13:17	108-88-3	
1,2,4-Trimethylbenzene	<20.7	ug/kg	69.4	20.7	1	11/15/21 08:00	11/15/21 13:17	95-63-6	
1,3,5-Trimethylbenzene	<22.3	ug/kg	69.4	22.3	1	11/15/21 08:00	11/15/21 13:17	108-67-8	
Xylene (Total)	<50.1	ug/kg	208	50.1	1	11/15/21 08:00	11/15/21 13:17	1330-20-7	
m&p-Xylene	<29.3	ug/kg	139	29.3	1	11/15/21 08:00	11/15/21 13:17	179601-23-1	
o-Xylene	<20.8	ug/kg	69.4	20.8	1	11/15/21 08:00	11/15/21 13:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	129	%	66-153		1	11/15/21 08:00	11/15/21 13:17	460-00-4	
Toluene-d8 (S)	130	%	67-159		1	11/15/21 08:00	11/15/21 13:17	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	118	%	82-158		1	11/15/21 08:00	11/15/21 13:17	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Green Bay

Percent Moisture	16.2	%	0.10	0.10	1		11/12/21 17:12		
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Sample: **SB-05(0-2)** Lab ID: **40236845007** Collected: 11/11/21 10:55 Received: 11/12/21 07:20 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	<15.0	ug/kg	25.2	15.0	1	11/15/21 08:00	11/16/21 11:12	71-43-2	
Ethylbenzene	<15.0	ug/kg	63.0	15.0	1	11/15/21 08:00	11/16/21 11:12	100-41-4	
Methyl-tert-butyl ether	<18.5	ug/kg	63.0	18.5	1	11/15/21 08:00	11/16/21 11:12	1634-04-4	
Naphthalene	<19.7	ug/kg	315	19.7	1	11/15/21 08:00	11/16/21 11:12	91-20-3	
Toluene	<15.9	ug/kg	63.0	15.9	1	11/15/21 08:00	11/16/21 11:12	108-88-3	
1,2,4-Trimethylbenzene	<18.8	ug/kg	63.0	18.8	1	11/15/21 08:00	11/16/21 11:12	95-63-6	
1,3,5-Trimethylbenzene	<20.3	ug/kg	63.0	20.3	1	11/15/21 08:00	11/16/21 11:12	108-67-8	
Xylene (Total)	<45.5	ug/kg	189	45.5	1	11/15/21 08:00	11/16/21 11:12	1330-20-7	
m&p-Xylene	<26.6	ug/kg	126	26.6	1	11/15/21 08:00	11/16/21 11:12	179601-23-1	
o-Xylene	<18.9	ug/kg	63.0	18.9	1	11/15/21 08:00	11/16/21 11:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	113	%	66-153		1	11/15/21 08:00	11/16/21 11:12	460-00-4	
Toluene-d8 (S)	123	%	67-159		1	11/15/21 08:00	11/16/21 11:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	112	%	82-158		1	11/15/21 08:00	11/16/21 11:12	2199-69-1	

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ANALYTICAL RESULTS

Project: PPPP TANK CLOSURE
Pace Project No.: 40236845

Sample: SB-05(0-2) **Lab ID: 40236845007** Collected: 11/11/21 10:55 Received: 11/12/21 07:20 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
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	11.5	%	0.10	0.10	1		11/12/21 17:12		

Sample: SB-05(10-12) **Lab ID: 40236845008** Collected: 11/11/21 11:00 Received: 11/12/21 07:20 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	<16.4	ug/kg	27.6	16.4	1	11/15/21 08:00	11/15/21 18:21	71-43-2	
Ethylbenzene	<16.4	ug/kg	69.1	16.4	1	11/15/21 08:00	11/15/21 18:21	100-41-4	
Methyl-tert-butyl ether	<20.3	ug/kg	69.1	20.3	1	11/15/21 08:00	11/15/21 18:21	1634-04-4	
Naphthalene	<21.5	ug/kg	345	21.5	1	11/15/21 08:00	11/15/21 18:21	91-20-3	
Toluene	<17.4	ug/kg	69.1	17.4	1	11/15/21 08:00	11/15/21 18:21	108-88-3	
1,2,4-Trimethylbenzene	<20.6	ug/kg	69.1	20.6	1	11/15/21 08:00	11/15/21 18:21	95-63-6	
1,3,5-Trimethylbenzene	<22.2	ug/kg	69.1	22.2	1	11/15/21 08:00	11/15/21 18:21	108-67-8	
Xylene (Total)	<49.9	ug/kg	207	49.9	1	11/15/21 08:00	11/15/21 18:21	1330-20-7	
m&p-Xylene	<29.1	ug/kg	138	29.1	1	11/15/21 08:00	11/15/21 18:21	179601-23-1	
o-Xylene	<20.7	ug/kg	69.1	20.7	1	11/15/21 08:00	11/15/21 18:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	125	%	66-153		1	11/15/21 08:00	11/15/21 18:21	460-00-4	
Toluene-d8 (S)	123	%	67-159		1	11/15/21 08:00	11/15/21 18:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	117	%	82-158		1	11/15/21 08:00	11/15/21 18:21	2199-69-1	

Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	16.0	%	0.10	0.10	1		11/12/21 17:12		

Sample: TW-1 **Lab ID: 40236845009** Collected: 11/11/21 12:35 Received: 11/12/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	0.53J	ug/L	1.0	0.30	1		11/15/21 16:26	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/15/21 16:26	100-41-4	
Methyl-tert-butyl ether	19.4	ug/L	5.0	1.1	1		11/15/21 16:26	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/15/21 16:26	91-20-3	
Toluene	<0.29	ug/L	1.0	0.29	1		11/15/21 16:26	108-88-3	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/15/21 16:26	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/15/21 16:26	108-67-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

Sample: TW-1 **Lab ID: 40236845009** Collected: 11/11/21 12:35 Received: 11/12/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/15/21 16:26	1330-20-7	
Surrogates									
Toluene-d8 (S)	90	%	70-130		1		11/15/21 16:26	2037-26-5	pH
4-Bromofluorobenzene (S)	100	%	70-130		1		11/15/21 16:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/15/21 16:26	2199-69-1	

Sample: DUP-1 **Lab ID: 40236845010** Collected: 11/11/21 12:40 Received: 11/12/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.53J	ug/L	1.0	0.30	1		11/15/21 16:46	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/15/21 16:46	100-41-4	
Methyl-tert-butyl ether	20.8	ug/L	5.0	1.1	1		11/15/21 16:46	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/15/21 16:46	91-20-3	
Toluene	0.30J	ug/L	1.0	0.29	1		11/15/21 16:46	108-88-3	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/15/21 16:46	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/15/21 16:46	108-67-8	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/15/21 16:46	1330-20-7	
Surrogates									
Toluene-d8 (S)	91	%	70-130		1		11/15/21 16:46	2037-26-5	pH
4-Bromofluorobenzene (S)	100	%	70-130		1		11/15/21 16:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		11/15/21 16:46	2199-69-1	

Sample: TB-1 **Lab ID: 40236845011** Collected: 11/11/21 00:00 Received: 11/12/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/15/21 10:20	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/15/21 10:20	100-41-4	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/15/21 10:20	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/15/21 10:20	91-20-3	
Toluene	<0.29	ug/L	1.0	0.29	1		11/15/21 10:20	108-88-3	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/15/21 10:20	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/15/21 10:20	108-67-8	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/15/21 10:20	1330-20-7	
Surrogates									
Toluene-d8 (S)	91	%	70-130		1		11/15/21 10:20	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/15/21 10:20	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

Sample: TB-1 **Lab ID: 40236845011** Collected: 11/11/21 00:00 Received: 11/12/21 07:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Surrogates									
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/15/21 10:20	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PPPP TANK CLOSURE
Pace Project No.: 40236845

QC Batch: 401726 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: 40236845001, 40236845002, 40236845003, 40236845004, 40236845005, 40236845006, 40236845007, 40236845008

METHOD BLANK: 2320332 Matrix: Solid
Associated Lab Samples: 40236845001, 40236845002, 40236845003, 40236845004, 40236845005, 40236845006, 40236845007, 40236845008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	11/15/21 10:41	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	11/15/21 10:41	
Benzene	ug/kg	<11.9	20.0	11/15/21 10:41	
Ethylbenzene	ug/kg	<11.9	50.0	11/15/21 10:41	
m&p-Xylene	ug/kg	<21.1	100	11/15/21 10:41	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	11/15/21 10:41	
Naphthalene	ug/kg	<15.6	250	11/15/21 10:41	
o-Xylene	ug/kg	<15.0	50.0	11/15/21 10:41	
Toluene	ug/kg	<12.6	50.0	11/15/21 10:41	
Xylene (Total)	ug/kg	<36.1	150	11/15/21 10:41	
1,2-Dichlorobenzene-d4 (S)	%	100	82-158	11/15/21 10:41	
4-Bromofluorobenzene (S)	%	106	66-153	11/15/21 10:41	
Toluene-d8 (S)	%	108	67-159	11/15/21 10:41	

LABORATORY CONTROL SAMPLE: 2320333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2460	99	70-130	
Ethylbenzene	ug/kg	2500	2570	103	78-120	
m&p-Xylene	ug/kg	5000	4810	96	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2360	94	65-130	
o-Xylene	ug/kg	2500	2420	97	70-130	
Toluene	ug/kg	2500	2480	99	76-120	
Xylene (Total)	ug/kg	7500	7230	96	70-130	
1,2-Dichlorobenzene-d4 (S)	%			96	82-158	
4-Bromofluorobenzene (S)	%			107	66-153	
Toluene-d8 (S)	%			99	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320334 2320335

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40236845006 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Benzene	ug/kg	<16.5	1380	1380	1310	1220	94	88	70-130	7	20	
Ethylbenzene	ug/kg	<16.5	1380	1380	1320	1270	95	91	78-120	4	20	
m&p-Xylene	ug/kg	<29.3	2770	2770	2520	2450	91	88	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<20.4	1380	1380	1180	1140	85	82	65-130	3	20	

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QUALITY CONTROL DATA

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

Parameter	Units	2320334		2320335		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40236845006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
o-Xylene	ug/kg	<20.8	1380	1380	1320	1230	95	89	70-130	6	20	
Toluene	ug/kg	<17.5	1380	1380	1280	1280	92	92	76-120	0	20	
Xylene (Total)	ug/kg	<50.1	4170	4170	3830	3680	92	88	70-130	4	20	
1,2-Dichlorobenzene-d4 (S)	%						114	118	82-158			
4-Bromofluorobenzene (S)	%						125	129	66-153			
Toluene-d8 (S)	%						120	128	67-159			

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QUALITY CONTROL DATA

Project: PPPP TANK CLOSURE
Pace Project No.: 40236845

QC Batch: 401648 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40236845009, 40236845010, 40236845011

METHOD BLANK: 2320085 Matrix: Water
Associated Lab Samples: 40236845009, 40236845010, 40236845011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/15/21 09:01	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/15/21 09:01	
Benzene	ug/L	<0.30	1.0	11/15/21 09:01	
Ethylbenzene	ug/L	<0.33	1.0	11/15/21 09:01	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/15/21 09:01	
Naphthalene	ug/L	<1.1	5.0	11/15/21 09:01	
Toluene	ug/L	<0.29	1.0	11/15/21 09:01	
Xylene (Total)	ug/L	<1.0	3.0	11/15/21 09:01	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	11/15/21 09:01	
4-Bromofluorobenzene (S)	%	101	70-130	11/15/21 09:01	
Toluene-d8 (S)	%	93	70-130	11/15/21 09:01	

LABORATORY CONTROL SAMPLE: 2320086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	59.4	119	70-132	
Ethylbenzene	ug/L	50	59.2	118	80-123	
Methyl-tert-butyl ether	ug/L	50	56.0	112	66-130	
Toluene	ug/L	50	56.4	113	80-121	
Xylene (Total)	ug/L	150	176	117	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			93	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2320271 2320272

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40236883021 Result	Spike Conc.	Spike Conc.	MS Result						
Benzene	ug/L	<1.0	50	50	56.0	59.6	112	119	70-132	6	20
Ethylbenzene	ug/L	<1.0	50	50	56.5	60.7	113	121	80-123	7	20
Methyl-tert-butyl ether	ug/L	<5.0	50	50	53.4	57.7	107	115	66-130	8	20
Toluene	ug/L	<1.0	50	50	54.3	58.0	109	116	80-121	7	20
Xylene (Total)	ug/L	<3.0	150	150	169	182	112	121	70-130	7	20
1,2-Dichlorobenzene-d4 (S)	%						98	99	70-130		
4-Bromofluorobenzene (S)	%						103	104	70-130		
Toluene-d8 (S)	%						94	93	70-130		

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QUALITY CONTROL DATA

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

QC Batch: 401603

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: 40236845001, 40236845002, 40236845003

SAMPLE DUPLICATE: 2319422

Parameter	Units	40236845001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.2	16.9	2	10	

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QUALITY CONTROL DATA

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

QC Batch: 401604

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: 40236845004, 40236845005, 40236845006, 40236845007, 40236845008

SAMPLE DUPLICATE: 2319546

Parameter	Units	40236845004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.4	15.2	1	10	

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QUALIFIERS

Project: PPPP TANK CLOSURE

Pace Project No.: 40236845

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.

ANALYTE QUALIFIERS

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PPPP TANK CLOSURE
Pace Project No.: 40236845

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40236845001	SB-01(6-8)	EPA 5035/5030B	401726	EPA 8260	401728
40236845002	SB-01(8-10)	EPA 5035/5030B	401726	EPA 8260	401728
40236845003	SB-02(7-9)	EPA 5035/5030B	401726	EPA 8260	401728
40236845004	SB-02(10-12)	EPA 5035/5030B	401726	EPA 8260	401728
40236845005	SB-03(6-8)	EPA 5035/5030B	401726	EPA 8260	401728
40236845006	SB-04(6-8)	EPA 5035/5030B	401726	EPA 8260	401728
40236845007	SB-05(0-2)	EPA 5035/5030B	401726	EPA 8260	401728
40236845008	SB-05(10-12)	EPA 5035/5030B	401726	EPA 8260	401728
40236845009	TW-1	EPA 8260	401648		
40236845010	DUP-1	EPA 8260	401648		
40236845011	TB-1	EPA 8260	401648		
40236845001	SB-01(6-8)	ASTM D2974-87	401603		
40236845002	SB-01(8-10)	ASTM D2974-87	401603		
40236845003	SB-02(7-9)	ASTM D2974-87	401603		
40236845004	SB-02(10-12)	ASTM D2974-87	401604		
40236845005	SB-03(6-8)	ASTM D2974-87	401604		
40236845006	SB-04(6-8)	ASTM D2974-87	401604		
40236845007	SB-05(0-2)	ASTM D2974-87	401604		
40236845008	SB-05(10-12)	ASTM D2974-87	401604		

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(Please Print Clearly)

Company Name: Ramboll
 Branch/Location: Milwaukee, WI
 Project Contact: Andrew Carvise
 Phone: 208-881-2838
 Project Number: PPPP Tank Closure
 Project Name:
 Project State: WI
 Sampled By (Print): Nate Duda
 Sampled By (Sign): [Signature]
 PO #: 4700004930 Regulatory Program:



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

Page 1 of 1
 40236845
 11121-001

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	N	N	N	N													
Pick Letter	F	F	B	B													
Analyses Requested	PVOC	Napthalene	PVOC	Napthalene													

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address:
 Invoice To Contact: WE Energies
 Invoice To Company: Ben Koshalik
 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	Y/N	Pick Letter	Analyses Requested	Y/N	N	N	N	N							
		DATE	TIME																
001	SB-01(6-8)	11-11-21	927	S	X	X													
002	SB-01(8-10)		933		X	X													
003	SB-02(7-9)		947		X	X													
004	SB-02(10-12)		953		X	X													
005	SB-03(6-8)		1020		X	X													
006	SB-04(6-8)		1040		X	X													
007	SB-05(0-2)		1055		X	X													
008	SB-05(10-12)		1100		X	X													
009	TW-1		1235	GW						X	X								
010	DSP-1		1240	GW						X	X								
011	TB-1		-	GW						X	X								

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: 3 PAX RUSH

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

Relinquished By: <u>[Signature]</u> Date/Time: <u>11-11-21 1430</u>	Received By: <u>[Signature]</u> Date/Time: <u>11/21/2020</u>	PACE Project No. <u>40236845</u> Receipt Temp = <u>2</u> °C Sample Receipt pH <u>OK / Adjusted</u> Cooler Custody Seal Present / Not Present <u>(Not Present)</u> Intact / Not Intact <u>(Not Intact)</u>
Relinquished By: <u>[Signature]</u> Date/Time: <u>11/21/2020</u>	Received By: <u>[Signature]</u> Date/Time: <u>11/21/2020</u>	
Relinquished By: <u>[Signature]</u> Date/Time: <u>11/21/2020</u>	Received By: <u>[Signature]</u> Date/Time: <u>11/21/2020</u>	
Relinquished By: <u>[Signature]</u> Date/Time: <u>11/21/2020</u>	Received By: <u>[Signature]</u> Date/Time: <u>11/21/2020</u>	

Email #1: Andrew.Carvise@ramboll.com
 Email #2:
 Telephone: 312-485-0704
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

Sample Preservation Receipt Form

Client Name: Rambol

Project # 90236845

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #/ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)		
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN
001																	2																2.5 / 5 / 10
002																	2																2.5 / 5 / 10
003																	2																2.5 / 5 / 10
004																	3																2.5 / 5 / 10
005																	2																2.5 / 5 / 10
006																	2																2.5 / 5 / 10
007																	2																2.5 / 5 / 10
008																	2																2.5 / 5 / 10
009																	3																2.5 / 5 / 10
010																	3																2.5 / 5 / 10
011																	2																2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column


AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

Sample Condition Upon Receipt Form (SCUR)

Client Name: Rainball

Project #:

WO#: 40236845



40236845

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-110 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: 2 / I/Corr: 2

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

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

Person examining contents:
Date: 11/12/20 / Initials: AK
Labeled By Initials: AK

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. <u>proj name, mail invoice, PQA check</u>
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" 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: <u>done 11/12/20</u> <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/W</u>	
Trip Blank Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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

November 19, 2021

Andrew Cawrse
Ramboll Americas
234 W Florida St
Milwaukee, WI 53204

RE: Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237006

Dear Andrew Cawrse:

Enclosed are the analytical results for sample(s) received by the laboratory on November 16, 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,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: NRT Data, Ramboll
Steve Wiskes, Ramboll



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237006

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

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SAMPLE SUMMARY

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237006

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40237006001	EB-1	Solid	11/15/21 13:00	11/16/21 08:50
40237006002	EB-2	Solid	11/15/21 13:05	11/16/21 08:50
40237006003	EW-N1	Solid	11/15/21 13:10	11/16/21 08:50
40237006004	EW-N2	Solid	11/15/21 13:15	11/16/21 08:50
40237006005	EW-E	Solid	11/15/21 13:20	11/16/21 08:50
40237006006	EB-3	Solid	11/15/21 13:25	11/16/21 08:50
40237006007	EB-4	Solid	11/15/21 13:30	11/16/21 08:50
40237006008	EW-N3	Solid	11/15/21 13:35	11/16/21 08:50
40237006009	EW-N4	Solid	11/15/21 13:40	11/16/21 08:50
40237006010	EW-W	Solid	11/15/21 13:45	11/16/21 08:50
40237006011	EB-5	Solid	11/15/21 14:00	11/16/21 08:50
40237006012	EW-S	Solid	11/15/21 14:05	11/16/21 08:50
40237006013	TW-1	Water	11/15/21 11:00	11/16/21 08:50
40237006014	TB-1	Water	11/15/21 00:00	11/16/21 08:50
40237006015	TRIP BLANK	Solid	11/15/21 00:00	11/16/21 08:50

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SAMPLE ANALYTE COUNT

Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237006

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40237006001	EB-1	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006002	EB-2	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006003	EW-N1	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006004	EW-N2	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006005	EW-E	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006006	EB-3	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006007	EB-4	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006008	EW-N3	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006009	EW-N4	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006010	EW-W	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006011	EB-5	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006012	EW-S	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237006013	TW-1	EPA 8260	LAP	11
40237006014	TB-1	EPA 8260	LAP	11
40237006015	TRIP BLANK	EPA 8260	ALD	11

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237006

Sample: EB-1 **Lab ID: 40237006001** Collected: 11/15/21 13:00 Received: 11/16/21 08:50 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	<16.3	ug/kg	27.4	16.3	1	11/17/21 09:00	11/18/21 19:34	71-43-2	
Ethylbenzene	<16.3	ug/kg	68.6	16.3	1	11/17/21 09:00	11/18/21 19:34	100-41-4	
Methyl-tert-butyl ether	35.1J	ug/kg	68.6	20.2	1	11/17/21 09:00	11/18/21 19:34	1634-04-4	
Naphthalene	<21.4	ug/kg	343	21.4	1	11/17/21 09:00	11/18/21 19:34	91-20-3	
Toluene	18.0J	ug/kg	68.6	17.3	1	11/17/21 09:00	11/18/21 19:34	108-88-3	
1,2,4-Trimethylbenzene	<20.4	ug/kg	68.6	20.4	1	11/17/21 09:00	11/18/21 19:34	95-63-6	
1,3,5-Trimethylbenzene	<22.1	ug/kg	68.6	22.1	1	11/17/21 09:00	11/18/21 19:34	108-67-8	
Xylene (Total)	<49.5	ug/kg	206	49.5	1	11/17/21 09:00	11/18/21 19:34	1330-20-7	
m&p-Xylene	<28.9	ug/kg	137	28.9	1	11/17/21 09:00	11/18/21 19:34	179601-23-1	
o-Xylene	<20.6	ug/kg	68.6	20.6	1	11/17/21 09:00	11/18/21 19:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	167	%	66-153		1	11/17/21 09:00	11/18/21 19:34	460-00-4	S3
Toluene-d8 (S)	176	%	67-159		1	11/17/21 09:00	11/18/21 19:34	2037-26-5	S3
1,2-Dichlorobenzene-d4 (S)	174	%	82-158		1	11/17/21 09:00	11/18/21 19:34	2199-69-1	S3

Percent Moisture

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

Percent Moisture	15.6	%	0.10	0.10	1		11/16/21 14:24		
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Sample: EB-2 **Lab ID: 40237006002** Collected: 11/15/21 13:05 Received: 11/16/21 08:50 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	<15.9	ug/kg	26.7	15.9	1	11/17/21 09:00	11/18/21 19:55	71-43-2	
Ethylbenzene	<15.9	ug/kg	66.7	15.9	1	11/17/21 09:00	11/18/21 19:55	100-41-4	
Methyl-tert-butyl ether	286	ug/kg	66.7	19.6	1	11/17/21 09:00	11/18/21 19:55	1634-04-4	
Naphthalene	<20.8	ug/kg	333	20.8	1	11/17/21 09:00	11/18/21 19:55	91-20-3	
Toluene	<16.8	ug/kg	66.7	16.8	1	11/17/21 09:00	11/18/21 19:55	108-88-3	
1,2,4-Trimethylbenzene	<19.9	ug/kg	66.7	19.9	1	11/17/21 09:00	11/18/21 19:55	95-63-6	
1,3,5-Trimethylbenzene	<21.5	ug/kg	66.7	21.5	1	11/17/21 09:00	11/18/21 19:55	108-67-8	
Xylene (Total)	<48.1	ug/kg	200	48.1	1	11/17/21 09:00	11/18/21 19:55	1330-20-7	
m&p-Xylene	<28.1	ug/kg	133	28.1	1	11/17/21 09:00	11/18/21 19:55	179601-23-1	
o-Xylene	<20.0	ug/kg	66.7	20.0	1	11/17/21 09:00	11/18/21 19:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	118	%	66-153		1	11/17/21 09:00	11/18/21 19:55	460-00-4	
Toluene-d8 (S)	122	%	67-159		1	11/17/21 09:00	11/18/21 19:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	127	%	82-158		1	11/17/21 09:00	11/18/21 19:55	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237006

Sample: EB-2 **Lab ID: 40237006002** Collected: 11/15/21 13:05 Received: 11/16/21 08:50 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
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	14.3	%	0.10	0.10	1		11/16/21 14:24		

Sample: EW-N1 **Lab ID: 40237006003** Collected: 11/15/21 13:10 Received: 11/16/21 08:50 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	11/17/21 09:00	11/18/21 20:15	71-43-2	
Ethylbenzene	< 14.1	ug/kg	59.3	14.1	1	11/17/21 09:00	11/18/21 20:15	100-41-4	
Methyl-tert-butyl ether	< 17.4	ug/kg	59.3	17.4	1	11/17/21 09:00	11/18/21 20:15	1634-04-4	
Naphthalene	< 18.5	ug/kg	297	18.5	1	11/17/21 09:00	11/18/21 20:15	91-20-3	
Toluene	< 14.9	ug/kg	59.3	14.9	1	11/17/21 09:00	11/18/21 20:15	108-88-3	
1,2,4-Trimethylbenzene	< 17.7	ug/kg	59.3	17.7	1	11/17/21 09:00	11/18/21 20:15	95-63-6	
1,3,5-Trimethylbenzene	< 19.1	ug/kg	59.3	19.1	1	11/17/21 09:00	11/18/21 20:15	108-67-8	
Xylene (Total)	< 42.8	ug/kg	178	42.8	1	11/17/21 09:00	11/18/21 20:15	1330-20-7	
m&p-Xylene	< 25.0	ug/kg	119	25.0	1	11/17/21 09:00	11/18/21 20:15	179601-23-1	
o-Xylene	< 17.8	ug/kg	59.3	17.8	1	11/17/21 09:00	11/18/21 20:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	121	%	66-153		1	11/17/21 09:00	11/18/21 20:15	460-00-4	
Toluene-d8 (S)	124	%	67-159		1	11/17/21 09:00	11/18/21 20:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	126	%	82-158		1	11/17/21 09:00	11/18/21 20:15	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	8.5	%	0.10	0.10	1		11/16/21 14:24		

Sample: EW-N2 **Lab ID: 40237006004** Collected: 11/15/21 13:15 Received: 11/16/21 08:50 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	< 15.7	ug/kg	26.3	15.7	1	11/17/21 09:00	11/18/21 20:35	71-43-2	
Ethylbenzene	< 15.7	ug/kg	65.8	15.7	1	11/17/21 09:00	11/18/21 20:35	100-41-4	
Methyl-tert-butyl ether	240	ug/kg	65.8	19.4	1	11/17/21 09:00	11/18/21 20:35	1634-04-4	
Naphthalene	< 20.5	ug/kg	329	20.5	1	11/17/21 09:00	11/18/21 20:35	91-20-3	
Toluene	< 16.6	ug/kg	65.8	16.6	1	11/17/21 09:00	11/18/21 20:35	108-88-3	
1,2,4-Trimethylbenzene	< 19.6	ug/kg	65.8	19.6	1	11/17/21 09:00	11/18/21 20:35	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE

Sample Project No.: 40237006

Sample: EW-N2 **Lab ID: 40237006004** Collected: 11/15/21 13:15 Received: 11/16/21 08:50 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									
1,3,5-Trimethylbenzene	<21.2	ug/kg	65.8	21.2	1	11/17/21 09:00	11/18/21 20:35	108-67-8	
Xylene (Total)	<47.5	ug/kg	198	47.5	1	11/17/21 09:00	11/18/21 20:35	1330-20-7	
m&p-Xylene	<27.8	ug/kg	132	27.8	1	11/17/21 09:00	11/18/21 20:35	179601-23-1	
o-Xylene	<19.8	ug/kg	65.8	19.8	1	11/17/21 09:00	11/18/21 20:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	129	%	66-153		1	11/17/21 09:00	11/18/21 20:35	460-00-4	
Toluene-d8 (S)	133	%	67-159		1	11/17/21 09:00	11/18/21 20:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	135	%	82-158		1	11/17/21 09:00	11/18/21 20:35	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.7	%	0.10	0.10	1		11/16/21 14:24		

Sample: EW-E **Lab ID: 40237006005** Collected: 11/15/21 13:20 Received: 11/16/21 08:50 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	<15.9	ug/kg	26.6	15.9	1	11/17/21 09:00	11/18/21 20:56	71-43-2	
Ethylbenzene	<15.9	ug/kg	66.6	15.9	1	11/17/21 09:00	11/18/21 20:56	100-41-4	
Methyl-tert-butyl ether	<19.6	ug/kg	66.6	19.6	1	11/17/21 09:00	11/18/21 20:56	1634-04-4	
Naphthalene	<20.8	ug/kg	333	20.8	1	11/17/21 09:00	11/18/21 20:56	91-20-3	
Toluene	<16.8	ug/kg	66.6	16.8	1	11/17/21 09:00	11/18/21 20:56	108-88-3	
1,2,4-Trimethylbenzene	<19.9	ug/kg	66.6	19.9	1	11/17/21 09:00	11/18/21 20:56	95-63-6	
1,3,5-Trimethylbenzene	<21.5	ug/kg	66.6	21.5	1	11/17/21 09:00	11/18/21 20:56	108-67-8	
Xylene (Total)	<48.1	ug/kg	200	48.1	1	11/17/21 09:00	11/18/21 20:56	1330-20-7	
m&p-Xylene	<28.1	ug/kg	133	28.1	1	11/17/21 09:00	11/18/21 20:56	179601-23-1	
o-Xylene	<20.0	ug/kg	66.6	20.0	1	11/17/21 09:00	11/18/21 20:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	124	%	66-153		1	11/17/21 09:00	11/18/21 20:56	460-00-4	
Toluene-d8 (S)	132	%	67-159		1	11/17/21 09:00	11/18/21 20:56	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	129	%	82-158		1	11/17/21 09:00	11/18/21 20:56	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.3	%	0.10	0.10	1		11/16/21 14:24		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237006

Sample: EB-3 **Lab ID: 40237006006** Collected: 11/15/21 13:25 Received: 11/16/21 08:50 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	<15.9	ug/kg	26.7	15.9	1	11/17/21 09:00	11/18/21 21:16	71-43-2	
Ethylbenzene	<15.9	ug/kg	66.6	15.9	1	11/17/21 09:00	11/18/21 21:16	100-41-4	
Methyl-tert-butyl ether	<19.6	ug/kg	66.6	19.6	1	11/17/21 09:00	11/18/21 21:16	1634-04-4	
Naphthalene	<20.8	ug/kg	333	20.8	1	11/17/21 09:00	11/18/21 21:16	91-20-3	
Toluene	<16.8	ug/kg	66.6	16.8	1	11/17/21 09:00	11/18/21 21:16	108-88-3	
1,2,4-Trimethylbenzene	<19.9	ug/kg	66.6	19.9	1	11/17/21 09:00	11/18/21 21:16	95-63-6	
1,3,5-Trimethylbenzene	<21.5	ug/kg	66.6	21.5	1	11/17/21 09:00	11/18/21 21:16	108-67-8	
Xylene (Total)	<48.1	ug/kg	200	48.1	1	11/17/21 09:00	11/18/21 21:16	1330-20-7	
m&p-Xylene	<28.1	ug/kg	133	28.1	1	11/17/21 09:00	11/18/21 21:16	179601-23-1	
o-Xylene	<20.0	ug/kg	66.6	20.0	1	11/17/21 09:00	11/18/21 21:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	121	%	66-153		1	11/17/21 09:00	11/18/21 21:16	460-00-4	
Toluene-d8 (S)	127	%	67-159		1	11/17/21 09:00	11/18/21 21:16	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	128	%	82-158		1	11/17/21 09:00	11/18/21 21:16	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Green Bay

Percent Moisture	14.3	%	0.10	0.10	1		11/16/21 14:24		
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Sample: EB-4 **Lab ID: 40237006007** Collected: 11/15/21 13:30 Received: 11/16/21 08:50 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	<19.6	ug/kg	33.0	19.6	1	11/17/21 09:00	11/18/21 21:36	71-43-2	
Ethylbenzene	<19.6	ug/kg	82.5	19.6	1	11/17/21 09:00	11/18/21 21:36	100-41-4	
Methyl-tert-butyl ether	<24.3	ug/kg	82.5	24.3	1	11/17/21 09:00	11/18/21 21:36	1634-04-4	
Naphthalene	<25.7	ug/kg	412	25.7	1	11/17/21 09:00	11/18/21 21:36	91-20-3	
Toluene	<20.8	ug/kg	82.5	20.8	1	11/17/21 09:00	11/18/21 21:36	108-88-3	
1,2,4-Trimethylbenzene	<24.6	ug/kg	82.5	24.6	1	11/17/21 09:00	11/18/21 21:36	95-63-6	
1,3,5-Trimethylbenzene	<26.6	ug/kg	82.5	26.6	1	11/17/21 09:00	11/18/21 21:36	108-67-8	
Xylene (Total)	<59.6	ug/kg	247	59.6	1	11/17/21 09:00	11/18/21 21:36	1330-20-7	
m&p-Xylene	<34.8	ug/kg	165	34.8	1	11/17/21 09:00	11/18/21 21:36	179601-23-1	
o-Xylene	<24.7	ug/kg	82.5	24.7	1	11/17/21 09:00	11/18/21 21:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	115	%	66-153		1	11/17/21 09:00	11/18/21 21:36	460-00-4	
Toluene-d8 (S)	118	%	67-159		1	11/17/21 09:00	11/18/21 21:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	117	%	82-158		1	11/17/21 09:00	11/18/21 21:36	2199-69-1	

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237006

Sample: EB-4 Lab ID: **40237006007** Collected: 11/15/21 13:30 Received: 11/16/21 08:50 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
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	13.9	%	0.10	0.10	1		11/16/21 14:24		

Sample: EW-N3 Lab ID: **40237006008** Collected: 11/15/21 13:35 Received: 11/16/21 08:50 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	<15.8	ug/kg	26.5	15.8	1	11/17/21 09:00	11/18/21 16:12	71-43-2	
Ethylbenzene	<15.8	ug/kg	66.3	15.8	1	11/17/21 09:00	11/18/21 16:12	100-41-4	
Methyl-tert-butyl ether	<19.5	ug/kg	66.3	19.5	1	11/17/21 09:00	11/18/21 16:12	1634-04-4	
Naphthalene	<20.7	ug/kg	331	20.7	1	11/17/21 09:00	11/18/21 16:12	91-20-3	
Toluene	<16.7	ug/kg	66.3	16.7	1	11/17/21 09:00	11/18/21 16:12	108-88-3	
1,2,4-Trimethylbenzene	<19.7	ug/kg	66.3	19.7	1	11/17/21 09:00	11/18/21 16:12	95-63-6	
1,3,5-Trimethylbenzene	<21.3	ug/kg	66.3	21.3	1	11/17/21 09:00	11/18/21 16:12	108-67-8	
Xylene (Total)	<47.8	ug/kg	199	47.8	1	11/17/21 09:00	11/18/21 16:12	1330-20-7	
m&p-Xylene	<28.0	ug/kg	133	28.0	1	11/17/21 09:00	11/18/21 16:12	179601-23-1	
o-Xylene	<19.9	ug/kg	66.3	19.9	1	11/17/21 09:00	11/18/21 16:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	128	%	66-153		1	11/17/21 09:00	11/18/21 16:12	460-00-4	
Toluene-d8 (S)	130	%	67-159		1	11/17/21 09:00	11/18/21 16:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	129	%	82-158		1	11/17/21 09:00	11/18/21 16:12	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	14.0	%	0.10	0.10	1		11/16/21 14:24		

Sample: EW-N4 Lab ID: **40237006009** Collected: 11/15/21 13:40 Received: 11/16/21 08:50 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	<15.8	ug/kg	26.5	15.8	1	11/17/21 09:00	11/18/21 21:56	71-43-2	
Ethylbenzene	<15.8	ug/kg	66.3	15.8	1	11/17/21 09:00	11/18/21 21:56	100-41-4	
Methyl-tert-butyl ether	<19.5	ug/kg	66.3	19.5	1	11/17/21 09:00	11/18/21 21:56	1634-04-4	
Naphthalene	<20.7	ug/kg	332	20.7	1	11/17/21 09:00	11/18/21 21:56	91-20-3	
Toluene	<16.7	ug/kg	66.3	16.7	1	11/17/21 09:00	11/18/21 21:56	108-88-3	
1,2,4-Trimethylbenzene	<19.8	ug/kg	66.3	19.8	1	11/17/21 09:00	11/18/21 21:56	95-63-6	

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE

Sample Project No.: 40237006

Sample: EW-N4 **Lab ID: 40237006009** Collected: 11/15/21 13:40 Received: 11/16/21 08:50 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									
1,3,5-Trimethylbenzene	<21.4	ug/kg	66.3	21.4	1	11/17/21 09:00	11/18/21 21:56	108-67-8	
Xylene (Total)	<47.9	ug/kg	199	47.9	1	11/17/21 09:00	11/18/21 21:56	1330-20-7	
m&p-Xylene	<28.0	ug/kg	133	28.0	1	11/17/21 09:00	11/18/21 21:56	179601-23-1	
o-Xylene	<19.9	ug/kg	66.3	19.9	1	11/17/21 09:00	11/18/21 21:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	123	%	66-153		1	11/17/21 09:00	11/18/21 21:56	460-00-4	
Toluene-d8 (S)	127	%	67-159		1	11/17/21 09:00	11/18/21 21:56	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	127	%	82-158		1	11/17/21 09:00	11/18/21 21:56	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.0	%	0.10	0.10	1		11/16/21 14:24		

Sample: EW-W **Lab ID: 40237006010** Collected: 11/15/21 13:45 Received: 11/16/21 08:50 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	<15.4	ug/kg	25.9	15.4	1	11/17/21 09:00	11/18/21 22:16	71-43-2	
Ethylbenzene	<15.4	ug/kg	64.7	15.4	1	11/17/21 09:00	11/18/21 22:16	100-41-4	
Methyl-tert-butyl ether	<19.0	ug/kg	64.7	19.0	1	11/17/21 09:00	11/18/21 22:16	1634-04-4	
Naphthalene	<20.2	ug/kg	324	20.2	1	11/17/21 09:00	11/18/21 22:16	91-20-3	
Toluene	<16.3	ug/kg	64.7	16.3	1	11/17/21 09:00	11/18/21 22:16	108-88-3	
1,2,4-Trimethylbenzene	<19.3	ug/kg	64.7	19.3	1	11/17/21 09:00	11/18/21 22:16	95-63-6	
1,3,5-Trimethylbenzene	<20.8	ug/kg	64.7	20.8	1	11/17/21 09:00	11/18/21 22:16	108-67-8	
Xylene (Total)	<46.7	ug/kg	194	46.7	1	11/17/21 09:00	11/18/21 22:16	1330-20-7	
m&p-Xylene	<27.3	ug/kg	129	27.3	1	11/17/21 09:00	11/18/21 22:16	179601-23-1	
o-Xylene	<19.4	ug/kg	64.7	19.4	1	11/17/21 09:00	11/18/21 22:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	121	%	66-153		1	11/17/21 09:00	11/18/21 22:16	460-00-4	
Toluene-d8 (S)	124	%	67-159		1	11/17/21 09:00	11/18/21 22:16	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	123	%	82-158		1	11/17/21 09:00	11/18/21 22:16	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.8	%	0.10	0.10	1		11/16/21 14:24		

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237006

Sample: EB-5 Lab ID: 40237006011 Collected: 11/15/21 14:00 Received: 11/16/21 08:50 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	<15.4	ug/kg	25.8	15.4	1	11/17/21 09:00	11/18/21 22:36	71-43-2	
Ethylbenzene	<15.4	ug/kg	64.6	15.4	1	11/17/21 09:00	11/18/21 22:36	100-41-4	
Methyl-tert-butyl ether	<19.0	ug/kg	64.6	19.0	1	11/17/21 09:00	11/18/21 22:36	1634-04-4	
Naphthalene	<20.2	ug/kg	323	20.2	1	11/17/21 09:00	11/18/21 22:36	91-20-3	
Toluene	<16.3	ug/kg	64.6	16.3	1	11/17/21 09:00	11/18/21 22:36	108-88-3	
1,2,4-Trimethylbenzene	<19.3	ug/kg	64.6	19.3	1	11/17/21 09:00	11/18/21 22:36	95-63-6	
1,3,5-Trimethylbenzene	<20.8	ug/kg	64.6	20.8	1	11/17/21 09:00	11/18/21 22:36	108-67-8	
Xylene (Total)	<46.6	ug/kg	194	46.6	1	11/17/21 09:00	11/18/21 22:36	1330-20-7	
m&p-Xylene	<27.3	ug/kg	129	27.3	1	11/17/21 09:00	11/18/21 22:36	179601-23-1	
o-Xylene	<19.4	ug/kg	64.6	19.4	1	11/17/21 09:00	11/18/21 22:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	129	%	66-153		1	11/17/21 09:00	11/18/21 22:36	460-00-4	
Toluene-d8 (S)	131	%	67-159		1	11/17/21 09:00	11/18/21 22:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	132	%	82-158		1	11/17/21 09:00	11/18/21 22:36	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Green Bay

Percent Moisture	12.7	%	0.10	0.10	1		11/16/21 14:24		
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Sample: EW-S Lab ID: 40237006012 Collected: 11/15/21 14:05 Received: 11/16/21 08:50 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	<15.5	ug/kg	26.0	15.5	1	11/17/21 09:00	11/18/21 22:57	71-43-2	
Ethylbenzene	<15.5	ug/kg	65.0	15.5	1	11/17/21 09:00	11/18/21 22:57	100-41-4	
Methyl-tert-butyl ether	<19.1	ug/kg	65.0	19.1	1	11/17/21 09:00	11/18/21 22:57	1634-04-4	
Naphthalene	<20.3	ug/kg	325	20.3	1	11/17/21 09:00	11/18/21 22:57	91-20-3	
Toluene	32.0J	ug/kg	65.0	16.4	1	11/17/21 09:00	11/18/21 22:57	108-88-3	
1,2,4-Trimethylbenzene	<19.4	ug/kg	65.0	19.4	1	11/17/21 09:00	11/18/21 22:57	95-63-6	
1,3,5-Trimethylbenzene	<20.9	ug/kg	65.0	20.9	1	11/17/21 09:00	11/18/21 22:57	108-67-8	
Xylene (Total)	<46.9	ug/kg	195	46.9	1	11/17/21 09:00	11/18/21 22:57	1330-20-7	
m&p-Xylene	<27.4	ug/kg	130	27.4	1	11/17/21 09:00	11/18/21 22:57	179601-23-1	
o-Xylene	<19.5	ug/kg	65.0	19.5	1	11/17/21 09:00	11/18/21 22:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	129	%	66-153		1	11/17/21 09:00	11/18/21 22:57	460-00-4	
Toluene-d8 (S)	135	%	67-159		1	11/17/21 09:00	11/18/21 22:57	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	135	%	82-158		1	11/17/21 09:00	11/18/21 22:57	2199-69-1	

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237006

Sample: EW-S Lab ID: **40237006012** Collected: 11/15/21 14:05 Received: 11/16/21 08:50 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
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.1	%	0.10	0.10	1		11/16/21 14:24		

Sample: TW-1 Lab ID: **40237006013** Collected: 11/15/21 11:00 Received: 11/16/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/18/21 14:57	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/18/21 14:57	100-41-4	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/18/21 14:57	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/18/21 14:57	91-20-3	
Toluene	<0.29	ug/L	1.0	0.29	1		11/18/21 14:57	108-88-3	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/18/21 14:57	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/18/21 14:57	108-67-8	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/18/21 14:57	1330-20-7	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/18/21 14:57	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/18/21 14:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/18/21 14:57	2199-69-1	

Sample: TB-1 Lab ID: **40237006014** Collected: 11/15/21 00:00 Received: 11/16/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/18/21 13:40	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/18/21 13:40	100-41-4	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/18/21 13:40	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/18/21 13:40	91-20-3	
Toluene	<0.29	ug/L	1.0	0.29	1		11/18/21 13:40	108-88-3	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/18/21 13:40	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/18/21 13:40	108-67-8	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/18/21 13:40	1330-20-7	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/18/21 13:40	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/18/21 13:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/18/21 13:40	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237006

Sample: TRIP BLANK **Lab ID: 40237006015** Collected: 11/15/21 00:00 Received: 11/16/21 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

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	<11.9	ug/kg	20.0	11.9	1	11/17/21 09:00	11/18/21 15:32	71-43-2	
Ethylbenzene	<11.9	ug/kg	50.0	11.9	1	11/17/21 09:00	11/18/21 15:32	100-41-4	
Methyl-tert-butyl ether	<14.7	ug/kg	50.0	14.7	1	11/17/21 09:00	11/18/21 15:32	1634-04-4	
Naphthalene	<15.6	ug/kg	250	15.6	1	11/17/21 09:00	11/18/21 15:32	91-20-3	
Toluene	<12.6	ug/kg	50.0	12.6	1	11/17/21 09:00	11/18/21 15:32	108-88-3	
1,2,4-Trimethylbenzene	<14.9	ug/kg	50.0	14.9	1	11/17/21 09:00	11/18/21 15:32	95-63-6	
1,3,5-Trimethylbenzene	<16.1	ug/kg	50.0	16.1	1	11/17/21 09:00	11/18/21 15:32	108-67-8	
Xylene (Total)	<36.1	ug/kg	150	36.1	1	11/17/21 09:00	11/18/21 15:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	66-153		1	11/17/21 09:00	11/18/21 15:32	460-00-4	
Toluene-d8 (S)	100	%	67-159		1	11/17/21 09:00	11/18/21 15:32	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	82-158		1	11/17/21 09:00	11/18/21 15:32	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237006

QC Batch: 402018 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: 40237006001, 40237006002, 40237006003, 40237006004, 40237006005, 40237006006, 40237006007, 40237006008, 40237006009, 40237006010, 40237006011, 40237006012, 40237006015

METHOD BLANK: 2321601 Matrix: Solid
 Associated Lab Samples: 40237006001, 40237006002, 40237006003, 40237006004, 40237006005, 40237006006, 40237006007, 40237006008, 40237006009, 40237006010, 40237006011, 40237006012, 40237006015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	11/18/21 09:56	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	11/18/21 09:56	
Benzene	ug/kg	<11.9	20.0	11/18/21 09:56	
Ethylbenzene	ug/kg	<11.9	50.0	11/18/21 09:56	
m&p-Xylene	ug/kg	<21.1	100	11/18/21 09:56	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	11/18/21 09:56	
Naphthalene	ug/kg	<15.6	250	11/18/21 09:56	
o-Xylene	ug/kg	<15.0	50.0	11/18/21 09:56	
Toluene	ug/kg	<12.6	50.0	11/18/21 09:56	
Xylene (Total)	ug/kg	<36.1	150	11/18/21 09:56	
1,2-Dichlorobenzene-d4 (S)	%	112	82-158	11/18/21 09:56	
4-Bromofluorobenzene (S)	%	106	66-153	11/18/21 09:56	
Toluene-d8 (S)	%	111	67-159	11/18/21 09:56	

LABORATORY CONTROL SAMPLE: 2321602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2470	99	70-130	
Ethylbenzene	ug/kg	2500	2520	101	78-120	
m&p-Xylene	ug/kg	5000	4890	98	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2380	95	65-130	
o-Xylene	ug/kg	2500	2440	97	70-130	
Toluene	ug/kg	2500	2700	108	76-120	
Xylene (Total)	ug/kg	7500	7330	98	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	82-158	
4-Bromofluorobenzene (S)	%			100	66-153	
Toluene-d8 (S)	%			103	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2321603 2321604

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40237006008 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Benzene	ug/kg	<15.8	1330	1330	1360	1280	103	96	70-130	6	20	
Ethylbenzene	ug/kg	<15.8	1330	1330	1400	1290	105	97	78-120	8	20	
m&p-Xylene	ug/kg	<28.0	2650	2650	2800	2530	106	96	70-130	10	20	
Methyl-tert-butyl ether	ug/kg	<19.5	1330	1330	1260	1260	95	95	65-130	0	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: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237006

Parameter	Units	2321603		2321604		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40237006008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
o-Xylene	ug/kg	<19.9	1330	1330	1430	1320	108	99	70-130	8	20		
Toluene	ug/kg	<16.7	1330	1330	1480	1380	112	104	76-120	7	20		
Xylene (Total)	ug/kg	<47.8	3980	3980	4230	3850	106	97	70-130	9	20		
1,2-Dichlorobenzene-d4 (S)	%						133	135	82-158				
4-Bromofluorobenzene (S)	%						129	128	66-153				
Toluene-d8 (S)	%						136	136	67-159				

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QUALITY CONTROL DATA

Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237006

QC Batch: 401892	Analysis Method: EPA 8260
QC Batch Method: EPA 8260	Analysis Description: 8260 MSV UST-WATER
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40237006013, 40237006014

METHOD BLANK: 2320948 Matrix: Water

Associated Lab Samples: 40237006013, 40237006014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/18/21 06:58	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/18/21 06:58	
Benzene	ug/L	<0.30	1.0	11/18/21 06:58	
Ethylbenzene	ug/L	<0.33	1.0	11/18/21 06:58	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/18/21 06:58	
Naphthalene	ug/L	<1.1	5.0	11/18/21 06:58	
Toluene	ug/L	<0.29	1.0	11/18/21 06:58	
Xylene (Total)	ug/L	<1.0	3.0	11/18/21 06:58	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	11/18/21 06:58	
4-Bromofluorobenzene (S)	%	98	70-130	11/18/21 06:58	
Toluene-d8 (S)	%	100	70-130	11/18/21 06:58	

LABORATORY CONTROL SAMPLE: 2320949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	50.4	101	70-132	
Ethylbenzene	ug/L	50	51.6	103	80-123	
Methyl-tert-butyl ether	ug/L	50	45.0	90	66-130	
Toluene	ug/L	50	48.5	97	80-121	
Xylene (Total)	ug/L	150	152	101	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237006

QC Batch:	401915	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: 40237006001, 40237006002, 40237006003, 40237006004, 40237006005, 40237006006, 40237006007, 40237006008, 40237006009, 40237006010, 40237006011, 40237006012

SAMPLE DUPLICATE: 2321162

Parameter	Units	40237008003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.2	6.3	1	10	

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QUALIFIERS

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237006

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.

ANALYTE QUALIFIERS

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237006

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40237006001	EB-1	EPA 5035/5030B	402018	EPA 8260	402020
40237006002	EB-2	EPA 5035/5030B	402018	EPA 8260	402020
40237006003	EW-N1	EPA 5035/5030B	402018	EPA 8260	402020
40237006004	EW-N2	EPA 5035/5030B	402018	EPA 8260	402020
40237006005	EW-E	EPA 5035/5030B	402018	EPA 8260	402020
40237006006	EB-3	EPA 5035/5030B	402018	EPA 8260	402020
40237006007	EB-4	EPA 5035/5030B	402018	EPA 8260	402020
40237006008	EW-N3	EPA 5035/5030B	402018	EPA 8260	402020
40237006009	EW-N4	EPA 5035/5030B	402018	EPA 8260	402020
40237006010	EW-W	EPA 5035/5030B	402018	EPA 8260	402020
40237006011	EB-5	EPA 5035/5030B	402018	EPA 8260	402020
40237006012	EW-S	EPA 5035/5030B	402018	EPA 8260	402020
40237006015	TRIP BLANK	EPA 5035/5030B	402018	EPA 8260	402020
40237006013	TW-1	EPA 8260	401892		
40237006014	TB-1	EPA 8260	401892		
40237006001	EB-1	ASTM D2974-87	401915		
40237006002	EB-2	ASTM D2974-87	401915		
40237006003	EW-N1	ASTM D2974-87	401915		
40237006004	EW-N2	ASTM D2974-87	401915		
40237006005	EW-E	ASTM D2974-87	401915		
40237006006	EB-3	ASTM D2974-87	401915		
40237006007	EB-4	ASTM D2974-87	401915		
40237006008	EW-N3	ASTM D2974-87	401915		
40237006009	EW-N4	ASTM D2974-87	401915		
40237006010	EW-W	ASTM D2974-87	401915		
40237006011	EB-5	ASTM D2974-87	401915		
40237006012	EW-S	ASTM D2974-87	401915		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

40237006

Page: 1 of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Ramboll USA		Report To: GDSdata@OBG.com		Attention: Accounts Payable	
Address: 234 W. Florida St		Copy To: Kyle.Bajzmer@ramboll.com Andrew Calise Erwan.Plank@ramboll.com		Company Name: WEC Business Services, LLC	
Milwaukee, WI		Purchase Order No.: 3400010643		Address: PO Box 19800, Green Bay, WI 54307	
Email To: GDSdata@OBG.com		Project Name: Austin Former MGP PY Tank Closure		Site Location	
Phone: 262-719-5286 Fax:		Project Number: 67076 194010683		STATE: MN	
Requested Due Date/TAT: 3 DAY TAT				REGULATORY AGENCY <input type="checkbox"/> NPDES <input checked="" type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)											Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.		
						Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	BTEX and TMB's 8280	PAHs 8270 - SIM			Metals * 6020	Alkalinity 2320B
	SAMPLE ID (A-Z, 0-9 / -)	DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	COMPOSITE START DATE TIME	COMPOSITE END/GRAB DATE TIME																
1	EB-1		11/15/12	1300		*														3-day TAT 001
2	EB-2			1305																002
3	EW-1 EW-N1			1310																003
4	EW-N2			1315																004
5	EW-E			1320																005
6	EB-3			1325																006
7	EB-4			1330																007
8	EW-N3			1335																008
9	EW-N4			1340																009
10	EW-W			1345																016
11	EB-5			1400																011
12	EW-S			1405																012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS							
EPA Level 2	<i>Kathryn Noehr / Ramboll</i>	11/15/12	1700											
*Dissolved Metals: Arsenic, chromium, copper, iron, lead, nickel, and zinc.	<i>CS Logistics</i>	11/16/12	0850	<i>Anthony A. Jendel</i>	11/16/12	0850	1	Y	Y	Y				
*See project specific list for Phenols														

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Kathryn Noehr</i>				
SIGNATURE of SAMPLER:	<i>[Signature]</i>				
		DATE Signed (MM/DD/YY):	11/15/12		

(Please Print Clearly)

Company Name: Rambos II
 Branch/Location: Milwaukee
 Project Contact: Andrew Caspese
 Phone: 414-837-3845
 Project Number: 1940101683
 Project Name: P4 Tank Closure
 Project State: WI
 Sampled By (Print): Kathleen
 Sampled By (Sign): [Signature]
 PO #: _____ Regulatory Program: _____



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

40237006

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
N	B	PVOCs in sample bags
N	F	PVOCs in sample line

Quote #: _____
 Mail To Contact: Ben Koshat
 Mail To Company: WEC Business Services
 Mail To Address: _____
 Invoice To Contact: _____
 Invoice To Company: _____
 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
		DATE	TIME	
013	TW-1	11/15/21	1100	W
014	TB-1	↓	-	W
015	TAP BLANK	↓	-	S

Ken 11/15/21

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: 3-day TAT

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

Relinquished By: <u>[Signature]</u> Date/Time: <u>11/15/21 17:00</u>	Received By: _____ Date/Time: _____	PACE Project No. _____ Receipt Temp = <u>1</u> °C Sample Receipt pH <u>OK / Adjusted</u> Cooler Custody Seal <u>Present</u> / Not Present Intact / Not Intact
Relinquished By: <u>CS Logistics</u> Date/Time: <u>11/16/21 0850</u>	Received By: <u>Anthony A. Serrano</u> Date/Time: <u>11/16/21 0850</u>	
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

Sample Preservation Receipt Form

Client Name: Ramboll

Project # 0237006

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #/ID of preservation (if pH adjusted):

Pace Lab #	Glass								Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)			
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC								GN		
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																																			2.5 / 5 / 10
005																																			2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
009																																			2.5 / 5 / 10
010																																			2.5 / 5 / 10
011																																			2.5 / 5 / 10
012																																			2.5 / 5 / 10
013																																			2.5 / 5 / 10
014																																			2.5 / 5 / 10
015																																			2.5 / 5 / 10
016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

11/6/21 gzw

23
1

Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	60mL plastic unpres
BG3U	250 mL clear glass unpres						


Sample Condition Upon Receipt Form (SCUR)

Client Name: Ramboll

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

Project #: _____

WO# : 40237006



40237006

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-107 **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: \ /Corr: \

Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no

Person examining contents:
Date: 11/6/12 /Initials: ALJ
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" 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 checked="" type="checkbox"/> Yes <input 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 checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S.W</u>		<u>ids only on poly jars 11/6/12 ALJ</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>471</u>		

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 logi

December 01, 2021

Andrew Cawrse
Ramboll Americas
234 W Florida St
Milwaukee, WI 53204

RE: Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237484

Dear Andrew Cawrse:

Enclosed are the analytical results for sample(s) received by the laboratory on November 24, 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,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Data Delivery Team, Ramboll
Steve Wiskes, Ramboll



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237484

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: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237484

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40237484001	EB-1A	Solid	11/23/21 13:00	11/24/21 07:50
40237484002	EB-2A	Solid	11/23/21 13:05	11/24/21 07:50
40237484003	EB-N2A	Solid	11/23/21 13:10	11/24/21 07:50
40237484004	TRIP BLANK	Solid	11/23/21 00:00	11/24/21 07:50

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SAMPLE ANALYTE COUNT

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237484

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40237484001	EB-1A	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237484002	EB-2A	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237484003	EB-N2A	EPA 8260	ALD	13
		ASTM D2974-87	AXW	1
40237484004	TRIP BLANK	EPA 8260	ALD	13

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE
Pace Project No.: 40237484

Sample: EB-1A **Lab ID: 40237484001** Collected: 11/23/21 13:00 Received: 11/24/21 07:50 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	<15.7	ug/kg	26.4	15.7	1	11/29/21 15:00	11/30/21 20:56	71-43-2	
Ethylbenzene	<15.7	ug/kg	66.0	15.7	1	11/29/21 15:00	11/30/21 20:56	100-41-4	
Methyl-tert-butyl ether	<19.4	ug/kg	66.0	19.4	1	11/29/21 15:00	11/30/21 20:56	1634-04-4	
Naphthalene	<20.6	ug/kg	330	20.6	1	11/29/21 15:00	11/30/21 20:56	91-20-3	
Toluene	<16.6	ug/kg	66.0	16.6	1	11/29/21 15:00	11/30/21 20:56	108-88-3	
1,2,4-Trimethylbenzene	<19.7	ug/kg	66.0	19.7	1	11/29/21 15:00	11/30/21 20:56	95-63-6	
1,3,5-Trimethylbenzene	<21.3	ug/kg	66.0	21.3	1	11/29/21 15:00	11/30/21 20:56	108-67-8	
Xylene (Total)	<47.7	ug/kg	198	47.7	1	11/29/21 15:00	11/30/21 20:56	1330-20-7	
m&p-Xylene	<27.9	ug/kg	132	27.9	1	11/29/21 15:00	11/30/21 20:56	179601-23-1	
o-Xylene	<19.8	ug/kg	66.0	19.8	1	11/29/21 15:00	11/30/21 20:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	66-153		1	11/29/21 15:00	11/30/21 20:56	460-00-4	
Toluene-d8 (S)	109	%	67-159		1	11/29/21 15:00	11/30/21 20:56	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	11/29/21 15:00	11/30/21 20:56	2199-69-1	

Percent Moisture

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

Percent Moisture	13.8	%	0.10	0.10	1		11/30/21 13:39		
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Sample: EB-2A **Lab ID: 40237484002** Collected: 11/23/21 13:05 Received: 11/24/21 07:50 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	<15.7	ug/kg	26.4	15.7	1	11/29/21 15:00	11/30/21 15:03	71-43-2	
Ethylbenzene	<15.7	ug/kg	66.1	15.7	1	11/29/21 15:00	11/30/21 15:03	100-41-4	
Methyl-tert-butyl ether	<19.4	ug/kg	66.1	19.4	1	11/29/21 15:00	11/30/21 15:03	1634-04-4	
Naphthalene	<20.6	ug/kg	330	20.6	1	11/29/21 15:00	11/30/21 15:03	91-20-3	
Toluene	<16.6	ug/kg	66.1	16.6	1	11/29/21 15:00	11/30/21 15:03	108-88-3	
1,2,4-Trimethylbenzene	<19.7	ug/kg	66.1	19.7	1	11/29/21 15:00	11/30/21 15:03	95-63-6	
1,3,5-Trimethylbenzene	<21.3	ug/kg	66.1	21.3	1	11/29/21 15:00	11/30/21 15:03	108-67-8	
Xylene (Total)	<47.7	ug/kg	198	47.7	1	11/29/21 15:00	11/30/21 15:03	1330-20-7	
m&p-Xylene	<27.9	ug/kg	132	27.9	1	11/29/21 15:00	11/30/21 15:03	179601-23-1	
o-Xylene	<19.8	ug/kg	66.1	19.8	1	11/29/21 15:00	11/30/21 15:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	66-153		1	11/29/21 15:00	11/30/21 15:03	460-00-4	
Toluene-d8 (S)	111	%	67-159		1	11/29/21 15:00	11/30/21 15:03	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	110	%	82-158		1	11/29/21 15:00	11/30/21 15:03	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237484

Sample: EB-2A **Lab ID: 40237484002** Collected: 11/23/21 13:05 Received: 11/24/21 07:50 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
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.8	%	0.10	0.10	1		11/30/21 13:39		

Sample: EB-N2A **Lab ID: 40237484003** Collected: 11/23/21 13:10 Received: 11/24/21 07:50 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	<15.6	ug/kg	26.3	15.6	1	11/29/21 15:00	11/30/21 15:23	71-43-2	
Ethylbenzene	<15.6	ug/kg	65.7	15.6	1	11/29/21 15:00	11/30/21 15:23	100-41-4	
Methyl-tert-butyl ether	<19.3	ug/kg	65.7	19.3	1	11/29/21 15:00	11/30/21 15:23	1634-04-4	
Naphthalene	<20.5	ug/kg	328	20.5	1	11/29/21 15:00	11/30/21 15:23	91-20-3	
Toluene	<16.6	ug/kg	65.7	16.6	1	11/29/21 15:00	11/30/21 15:23	108-88-3	
1,2,4-Trimethylbenzene	<19.6	ug/kg	65.7	19.6	1	11/29/21 15:00	11/30/21 15:23	95-63-6	
1,3,5-Trimethylbenzene	<21.2	ug/kg	65.7	21.2	1	11/29/21 15:00	11/30/21 15:23	108-67-8	
Xylene (Total)	<47.4	ug/kg	197	47.4	1	11/29/21 15:00	11/30/21 15:23	1330-20-7	
m&p-Xylene	<27.7	ug/kg	131	27.7	1	11/29/21 15:00	11/30/21 15:23	179601-23-1	
o-Xylene	<19.7	ug/kg	65.7	19.7	1	11/29/21 15:00	11/30/21 15:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	115	%	66-153		1	11/29/21 15:00	11/30/21 15:23	460-00-4	
Toluene-d8 (S)	119	%	67-159		1	11/29/21 15:00	11/30/21 15:23	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	122	%	82-158		1	11/29/21 15:00	11/30/21 15:23	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.6	%	0.10	0.10	1		11/30/21 13:39		

Sample: TRIP BLANK **Lab ID: 40237484004** Collected: 11/23/21 00:00 Received: 11/24/21 07:50 Matrix: Solid

Results reported on a "wet-weight" basis

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	<11.9	ug/kg	20.0	11.9	1	11/29/21 15:00	11/30/21 13:22	71-43-2	
Ethylbenzene	<11.9	ug/kg	50.0	11.9	1	11/29/21 15:00	11/30/21 13:22	100-41-4	
Methyl-tert-butyl ether	<14.7	ug/kg	50.0	14.7	1	11/29/21 15:00	11/30/21 13:22	1634-04-4	
Naphthalene	<15.6	ug/kg	250	15.6	1	11/29/21 15:00	11/30/21 13:22	91-20-3	
Toluene	<12.6	ug/kg	50.0	12.6	1	11/29/21 15:00	11/30/21 13:22	108-88-3	
1,2,4-Trimethylbenzene	<14.9	ug/kg	50.0	14.9	1	11/29/21 15:00	11/30/21 13:22	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237484

Sample: TRIP BLANK **Lab ID: 40237484004** Collected: 11/23/21 00:00 Received: 11/24/21 07:50 Matrix: Solid

Results reported on a "wet-weight" basis

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									
1,3,5-Trimethylbenzene	<16.1	ug/kg	50.0	16.1	1	11/29/21 15:00	11/30/21 13:22	108-67-8	
Xylene (Total)	<36.1	ug/kg	150	36.1	1	11/29/21 15:00	11/30/21 13:22	1330-20-7	
m&p-Xylene	<21.1	ug/kg	100	21.1	1	11/29/21 15:00	11/30/21 13:22	179601-23-1	
o-Xylene	<15.0	ug/kg	50.0	15.0	1	11/29/21 15:00	11/30/21 13:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	66-153		1	11/29/21 15:00	11/30/21 13:22	460-00-4	
Toluene-d8 (S)	100	%	67-159		1	11/29/21 15:00	11/30/21 13:22	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	104	%	82-158		1	11/29/21 15:00	11/30/21 13:22	2199-69-1	

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QUALITY CONTROL DATA

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237484

QC Batch: 402925 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: 40237484001, 40237484002, 40237484003, 40237484004

METHOD BLANK: 2326582 Matrix: Solid
Associated Lab Samples: 40237484001, 40237484002, 40237484003, 40237484004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	11/30/21 09:40	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	11/30/21 09:40	
Benzene	ug/kg	<11.9	20.0	11/30/21 09:40	
Ethylbenzene	ug/kg	<11.9	50.0	11/30/21 09:40	
m&p-Xylene	ug/kg	<21.1	100	11/30/21 09:40	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	11/30/21 09:40	
Naphthalene	ug/kg	<15.6	250	11/30/21 09:40	
o-Xylene	ug/kg	<15.0	50.0	11/30/21 09:40	
Toluene	ug/kg	<12.6	50.0	11/30/21 09:40	
Xylene (Total)	ug/kg	<36.1	150	11/30/21 09:40	
1,2-Dichlorobenzene-d4 (S)	%	108	82-158	11/30/21 09:40	
4-Bromofluorobenzene (S)	%	103	66-153	11/30/21 09:40	
Toluene-d8 (S)	%	112	67-159	11/30/21 09:40	

LABORATORY CONTROL SAMPLE: 2326583

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2560	103	70-130	
Ethylbenzene	ug/kg	2500	2580	103	78-120	
m&p-Xylene	ug/kg	5000	5010	100	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2660	106	65-130	
o-Xylene	ug/kg	2500	2530	101	70-130	
Toluene	ug/kg	2500	2770	111	76-120	
Xylene (Total)	ug/kg	7500	7540	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%			106	82-158	
4-Bromofluorobenzene (S)	%			102	66-153	
Toluene-d8 (S)	%			106	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.

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QUALITY CONTROL DATA

Project: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237484

QC Batch: 403024

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: 40237484001, 40237484002, 40237484003

SAMPLE DUPLICATE: 2327045

Parameter	Units	40237562001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.6	5.6	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: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237484

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: 1940101683 P4 TANK CLOSURE

Pace Project No.: 40237484

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40237484001	EB-1A	EPA 5035/5030B	402925	EPA 8260	402928
40237484002	EB-2A	EPA 5035/5030B	402925	EPA 8260	402928
40237484003	EB-N2A	EPA 5035/5030B	402925	EPA 8260	402928
40237484004	TRIP BLANK	EPA 5035/5030B	402925	EPA 8260	402928
40237484001	EB-1A	ASTM D2974-87	403024		
40237484002	EB-2A	ASTM D2974-87	403024		
40237484003	EB-N2A	ASTM D2974-87	403024		

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(Please Print Clearly)

Seal: 1940101683-001
1940101683-002

UPPER MIDWEST REGION

Page 1 of 1

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

40237484



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	Z	Pick Letter	Analyses Requested
		F	PICs + naphthalene 8260

Company Name: **Ramboll**
 Branch/Location: **Milwaukee**
 Project Contact: **Andrew Cawrse**
 Phone: **414-837-3645**
 Project Number: **1940101683**
 Project Name: **P4 TANK Closure**
 Project State: **WI**
 Sampled By (Print): **Katlyn Now**
 Sampled By (Sign): *[Signature]*
 PO #: _____ Regulatory Program: _____

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
		DATE	TIME	
001	EB-1A	11/23/21	1300	S
002	EB-2A	↓	1305	↓
003	EW-N2A	↓	1310	↓
004	Trip blank	-	-	↓

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

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
3-day TAT		

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed: **3-day TAT**

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

Relinquished By: <i>[Signature]</i>	Date/Time: 11/23/21 16:30
Relinquished By: <i>[Signature]</i>	Date/Time: 11/24/21 7:50
Relinquished By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____

Received By: _____	Date/Time: _____
Received By: <i>[Signature]</i>	Date/Time: 11/24/21 7:50
Received By: _____	Date/Time: _____
Received By: _____	Date/Time: _____
Received By: _____	Date/Time: _____

PACE Project No. **40237484**

Receipt Temp = **1.1** °C

Sample Receipt pH
 OK / Adjusted

Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

Sample Preservation Receipt Form

Client Name: Ramboll

Project # 40237404

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass								Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC							
001																																2.5 / 5 / 10
002																																2.5 / 5 / 10
003																																2.5 / 5 / 10
004																																2.5 / 5 / 10
005																																2.5 / 5 / 10
006																																2.5 / 5 / 10
007																																2.5 / 5 / 10
008																																2.5 / 5 / 10
009																																2.5 / 5 / 10
010																																2.5 / 5 / 10
011																																2.5 / 5 / 10
012																																2.5 / 5 / 10
013																																2.5 / 5 / 10
014																																2.5 / 5 / 10
015																																2.5 / 5 / 10
016																																2.5 / 5 / 10
017																																2.5 / 5 / 10
018																																2.5 / 5 / 10
019																																2.5 / 5 / 10
020																																2.5 / 5 / 10

1/24/21 mp


Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

Sample Condition Upon Receipt Form (SCUR)

Client Name: Ramboll Project #: _____
Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

WO#: 40237484



40237484

Tracking #: N/A
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-114 **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature: Uncorr: 1 /Corr: 1.1

Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no
 Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:

Date: 11/24/21 Initials: MP

Labeled By Initials: AS

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler Name & Signature on COC:	<input checked="" 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: <u>11/24/21</u>	<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>5</u>			
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.	
Trip Blank Custody Seals Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased): <u>B12-0501VB</u>			

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

**ATTACHMENT 6
LANDFILL DISPOSAL PROFILE**



Requested Facility: Pheasant Run RDF Profile Number: 136394WI
Multiple Generator Locations (Attach Locations) Request Certificate of Disposal Renewal? Original Profile Number:

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- 1. Generator Name: WEC Group - Pleasant Prairie
2. Generator Site Address: 8000 95th Sstreet
3. County: Kenosha
4. Contact Name: Gary Reisenhauer
5. Email:
6. Phone: (262) 210-3125
7. Fax:
8. Generator EPA ID:
9. State ID:

C. MATERIAL INFORMATION

- 1. Common Name: Contaminated soil
Describe Process(es) Generating Material: Contaminated soils removed as a result of diesel UST release.
2. Material Composition and Contaminants:
Table with 2 columns: Contaminant, %
3. State Waste Codes:
4. Color: Brown
5. Physical State at 70°F: Solid
6. Free Liquid Range Percentage:
7. pH:
8. Strong Odor: No
9. Flash Point: >=200°F

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

- 1. Analytical attached: Yes
Please identify applicable samples and/or lab reports: D1-SW-NE, D1-D, D1-DUP
2. Other information attached (such as MSDS?): Yes

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided.

I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): Nick Rojas Date: 11/11/2021
Title: Environmental Manager
Company: Brandenburg Industrial Service Company

B. BILLING INFORMATION

SAME AS GENERATOR

- 1. Billing Name: Brandenburg
2. Billing Address: 501 West Lake Street, Suite 104
3. Contact Name: Nick Rojas
4. Email: rojnic@brandenburg.com
5. Phone: (312) 326-5800
6. Fax:
7. WM Hauled?
8. P.O. Number: IL2150
9. Payment Method: Credit Account

D. REGULATORY INFORMATION

- 1. EPA Hazardous Waste?
2. State Hazardous Waste?
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion?
4. Contains Underlying Hazardous Constituents?
5. From an industry regulated under Benzene NESHAP?
6. Facility remediation subject to 40 CFR 63 GGGGG?
7. CERCLA or State-mandated clean-up?
8. NRC or State-regulated radioactive or NORM waste?
9. Contains PCBs?
10. Regulated and/or Untreated Medical/Infectious Waste?
11. Contains Asbestos?

F. SHIPPING AND DOT INFORMATION

- 1. One-Time Event
2. Estimated Quantity/Unit of Measure: 300 Tons
3. Container Type and Size: End dump truck
4. USDOT Proper Shipping Name:

Certification Signature

Handwritten signature of Nick Rojas