



We Energies
231 W. Michigan Street
Milwaukee, WI 53203

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January 19, 2023

Ms. Denise Danelski
Environmental Program Associate
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313

Subject: Post-Closure Modification Request
Wisconsin Public Service
700 N. Adams Street
Green Bay, Wisconsin
WDNR BRRTS # 03-05-001843
WDNR FID # 405029790

Dear Ms. Danelski,

Please find attached the Post-Closure Modification (PCM) Request for the subject site. The PCM Request is inclusive of Wisconsin Department of Natural Resources (WDNR) Form 4400-237 and a letter report.

This PCM Request is being submitted via WDNR's online RR Program Submittal Portal. Pursuant to WDNR's current Covid-19 policy, a hard copy of the Report is not being submitted. A fee for post-closure and GIS Registry modification will be forwarded under separate cover with the RR Program Submittal Portal confirmation.

Please feel free to contact me at your convenience at (414) 587-4467 (cell) or via email at frank.dombrowski@wecenergygroup.com if you have any questions.

Sincerely,

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

Frank Dombrowski
Principal Environmental Consultant
WEC Energy Group - Business Services

Attachment

Cc: Project File
Jeremiah Johnson, Geosyntec Consultants

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 Public 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.

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

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

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

Select if same as requester

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

Environmental Consultant (if applicable)

Contact Last Name Johnson	First Jeremiah	MI	Organization/ Business Name Geosyntec Consultants
Mailing Address 10600 North Port Washington Rd. Suite 100		City Mequon	State WI
		ZIP Code 53092	
Phone # (include area code) (262) 834-0228	Fax # (include area code)	Email jppjohnson@geosyntec.com	

Section 2. Property Information

Property Name Wisconsin Public Service	FID No. (if known) 405029790		
BRRTS No. (if known) 03-05-001843	Parcel Identification Number		
Street Address 700 N. Adams Street	City Green Bay	State WI	ZIP Code 54301
County Brown	Municipality where the Property is located <input checked="" type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village of Green Bay	Property is composed of: <input checked="" type="radio"/> Single tax parcel <input type="radio"/> Multiple tax parcels	Property Size Acres 3

**Technical Assistance, Environmental Liability
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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).

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]**

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"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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Clarification or Post-Closure Modification Request**

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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/lgu.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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Clarification or Post-Closure Modification Request

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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: _____

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: Post-Closure Modification Request

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 Form - Non-Emergency Only (Form 4400-225) is accessible through the RR Program Submittal Portal application. Directions for using the form and the Submittal Portal application are available on the Submittal Portal web page.

Section 7. Certification by the Person who completed this form

I am the person submitting this request (requester)

I prepared this request for: _____
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.



Frank Dombrowski
WEC Energy Group - Business Services

1/19/2023

Signature

Date Signed

Principal Environmental Consultant

(414) 221-2156

Title

Telephone Number (include area code)

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

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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
Milwaukee DNR Office
1027 West St. Paul Ave
Milwaukee WI 53233

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		

January 19, 2023

Ms. Denise Danelski
Environmental Program Associate
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313

Subject: Post-Closure Modification Request
Wisconsin Public Service
700 N. Adams Street¹
Green Bay, Wisconsin
WDNR BRRTS # 03-05-001843
WDNR FID # 405029790

Dear Ms. Danelski,

This Post-Closure Modification (PCM) Request was prepared for submittal to the Wisconsin Department of Natural Resources (WDNR) by Geosyntec Consultants (Geosyntec) on behalf of Wisconsin Public Service (WPS) for the WPS site located at 600 North Adams Street, Green Bay, Wisconsin (Site).

This PCM Request includes salient background information, documents the scope and results of recent post-closure soil sampling and soil removal activities, and provides conclusions regarding post-closure continuing obligations (CO) for the Site. The NR 712.09 submittal certification is provided as **Attachment 1**.

Background Information

The Site is located in the southeast ¼ of the southeast ¼ of Section 25, Township 24 North, Range 20 East, and at Wisconsin Transverse Mercator (WTM) coordinates 678103, 451404 on WDNR's RR Sites Map. The Site location is depicted on **Figure 1 (Attachment 2)**.

The Site is located in the southwest portion of the WPS property identified by the address of 600 N. Adams Street. The Site is a closed WDNR Leaking Underground Storage Tank (LUST) site related to a former 10,000-gallon unleaded gasoline underground storage tank (UST). WDNR GIS

¹ BRRTS on the Web references the Site address as 700 N. Adams Street and the WDNR GIS Registry Information package references the Site address as 600 N. Adams Street.

Registry Information available on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, including a July 12, 2006 WDNR “Final Case Closure” letter, documents WDNR CO related to the presence of residual petroleum-impacted soil.

The WDNR GIS Registry Information documents that the CO area is approximately 2,000 square feet and extends to depths of approximately 6 to 8 feet below ground surface (bgs). The CO area is based on 1995 soil sample data from nine (9) soil borings (B-1 to B-9) and five (5) hand auger borings (HA-1 to HA-5). These data document that benzene and/or total xylene were detected in soil at concentrations greater than WDNR NR 720 soil cleanup standards [currently WDNR residual contaminant levels (RCLs)] at three (3) of the 1995 soil borings (B-2, B-6 and HA-2). The CO area extended under the adjacent office building to the east. An excerpt from the WDNR GIS Registry Information (Site map depicting the CO area and tables presenting the 1995 soil sample data) is included in **Attachment 3**.

Ongoing property construction included the demolition of the adjacent office building providing access to the entire CO area.

Supplemental Soil Sampling

Scope

Supplemental soil sampling was conducted within and on the margins of the CO area on August 18, 2022 to confirm the presence and extent of residual petroleum impacts. The supplemental soil sampling consisted of the following:

- Advancing nine (9) Geoprobe[®] soil borings (GP-01 to GP-03, GP-04A to GP-04C and GP-05 to GP-07). The approximate soil boring locations are depicted on **Figure 2 (Attachment 2)**.
- Field screening soil samples for volatile organic compounds (VOCs) with a photoionization detector (PID).
- Submitting three (3) soil samples collected from each soil boring² to Pace Analytical (Pace) for laboratory analysis of benzene, toluene, ethylbenzene and total xylenes (BTEX). Two (2) duplicate samples were also collected.
- Installing temporary groundwater level observation points (1-inch diameter PVC with a 10-foot screen) in two (2) Geoprobe[®] soil borings.
- Abandoning the soil borings with bentonite chips in accordance with NR 141.

² The former UST cavity backfill material (pea gravel) and an underlying remnant concrete slab were encountered at soil boring GP-04A; therefore, no soil sampling was conducted at this location. Soil borings GP-04B and GP-04C were subsequently advanced to the west and one (1) sample was collected from GP-04B and two (2) samples were collected from GP-04C.

Soil samples were also collected for disposal characterization. One (1) soil sample (WP-01) was collected on August 18, 2022 for gasoline range organics (GRO) analysis. In addition, on August 29, 2022, two (2) soil samples were collected with a hand-auger (HA-1 and HA-2) and submitted to Pace for analysis of Toxicity Characteristic Leaching Procedure (TCLP) lead. HA-1 and HA-2 were advanced at the approximate 1995 soil boring locations with the highest total lead concentrations within the CO area (B-2 and B-6).

Results

Soil conditions at the soil borings generally consisted of approximately 5 to 7 feet of heterogeneous fill material overlying native clay to a depth of approximately 15 feet bgs, the maximum depth of the soil borings. A thin organic silt/clay layer was observed between the fill material and the clay at soil boring locations GP-01, GP-02, GP-03 and GP-04C. The fill was observed to be predominantly sand with some debris (e.g., brick, wood and slag). Apparent perched groundwater was observed at depths of approximately 2 and 3 feet bgs in temporary water level observation points installed in soil borings GP-01 and GP-05, respectively. The soil boring logs and borehole abandonment forms are provided in **Attachment 4**.

The soil sample analytical results are summarized in **Table 1 (Attachment 5)**. The supplemental soil sampling laboratory reports are provided in **Attachment 4**. The following is summary of the supplemental soil sample results:

- BTEX compounds were detected in soil at four (4) of eight (8) soil boring locations in which soil samples were collected [six (6) of 23 soil samples].
- Benzene was detected in soil at three (3) soil boring locations (GP-02, GP-03 and GP-04B) at concentrations greater than the WDNR groundwater protection RCL. Each of the detected benzene concentrations was less than WDNR direct contact RCLs. No other BTEX compounds were detected at concentrations greater than WDNR RCLs.

Figure 2 (Attachment 2) highlights the supplemental soil boring locations (and 1995 soil boring locations) where BTEX compounds were detected at concentrations greater than WDNR groundwater protection RCLs.

Disposal characterization soil sample analytical results indicated a detected GRO concentration of 23.4 milligrams per kilogram (mg/kg) in sample WP-01 and detected TCLP lead concentrations less than the regulatory level of 5 milligrams per liter (mg/L)³ in samples HA-1 and HA-2.

³ NR 661 Subchapter C - Characteristics of Hazardous Waste, Table 1 - Maximum Concentration of Contaminants for the Toxicity Characteristic.

Soil Removal

Disposal Profiling

The CO area soil was profiled for disposal at GFL Hickory Meadows Landfill (HML) in Hilbert Wisconsin (Profile #: HML22-052). The profile approval documentation is included in **Attachment 6**.

Excavation and Disposal

A total of 1,548.34 tons of CO area soil was excavated and transported to GFL HML between September 6 and 9, 2022. Photographs of excavation activities are included in **Attachment 7**. The landfill ticket listing is included in **Attachment 6**. The approximate extent of the excavation is depicted on **Figure 3 (Attachment 2)**. The excavation depth ranged from approximately 8 to 12 feet bgs.

Confirmation Sampling

Eleven (11) confirmation soil samples (CS-1 to CS-11) were collected from the CO area excavation sidewalls [seven (7) samples] and base [four (4) samples] and submitted to Pace for analysis of BTEX. The approximate confirmation soil sample locations are depicted on **Figure 3 (Attachment 2)**.⁴

The confirmation soil sample laboratory reports are included in **Attachment 8** and the analytical results are summarized in **Table 2 (Attachment 5)** and depicted on **Figure 3**. BTEX was not detected in 10 of the 11 confirmation soil samples. Low concentrations (less than WDNR RCLs) of ethylbenzene and xylene (total) were detected in confirmation soil sample CS-8.

Excavation Water Management

Approximately 4,500 gallons of accumulated perched groundwater was removed to facilitate the excavation. The excavation water was pumped into a frac for temporary storage pending disposal. A water sample was collected on September 8, 2022 for disposal profiling. The water was transported by SET Environmental to Covanta Environmental Solutions in Milwaukee, Wisconsin for disposal on October 19 and 20, 2022. The water sample laboratory report and disposal documentation are provided in **Attachment 9**.

⁴ As depicted on **Figure 3**, Geoprobe® soil boring GP-07 data were also used as confirmation samples as the excavation extended to the soil boring location.

Conclusions

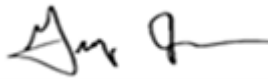
Based on the post-excavation confirmation soil sampling results, the CO area soil with residual BTEX concentrations greater than WDNR RCLs was successfully removed. Therefore, WPS requests that WDNR remove the Site from the GIS Registry and remove the associated CO.

Please contact us if you have any questions regarding this letter.

Sincerely,



Jeremiah Johnson, P.G.
Senior Geologist
(Licensed P.G. in WI)



Greg Johnson, P.H., P.G., P.E.
Senior Engineer
(Licensed P.E. in WI, P.H. in WI, P.G. in IL, WI)

- Attachment 1 NR 712.09 Submittal Certification
- Attachment 2 Figures
- Attachment 3 GIS Registry Information
- Attachment 4 Supplemental Soil Sampling Documentation
- Attachment 5 Tables
- Attachment 6 Soil Disposal Documentation
- Attachment 7 Photographs
- Attachment 8 Confirmation Soil Sampling Laboratory Reports
- Attachment 9 Excavation Water Management Documentation

cc: Frank Dombrowski, WEC Energy Group - Business Services

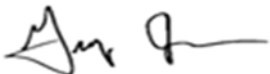

ATTACHMENT 1

NR 712.09 Submittal Certification

NR 712.09 Submittal certification.

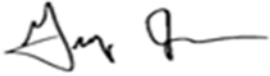
Document Name	Post-Closure Modification Request
Document Date	January 19, 2023
Site Name	Wisconsin Public Service
WDNR BRRTS #	03-05-001843

"I, Greg Johnson, 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."

 <p>Greg Johnson, P.H., P.G., P.E. Senior Engineer P.E. #: 29898-006</p>	 <p>1/19/2023</p>
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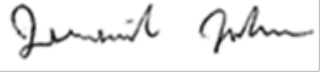
Signature, title and P.E. number	P.E. stamp
----------------------------------	------------

"I, Greg Johnson, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the 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."

	<p>1/19/2023</p>
---	------------------

Signature and title	Date
---------------------	------

"I, Jeremiah Johnson, hereby certify that I am a scientist as that term is defined in s. NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all of the 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."

	<p>1/19/2023</p>
---	------------------

Signature and title	Date
---------------------	------

ATTACHMENT 2

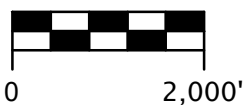
Figures

- Figure 1 - Site Location Map
- Figure 2 - Supplemental Soil Sampling Map
- Figure 3 - Soil Removal Map



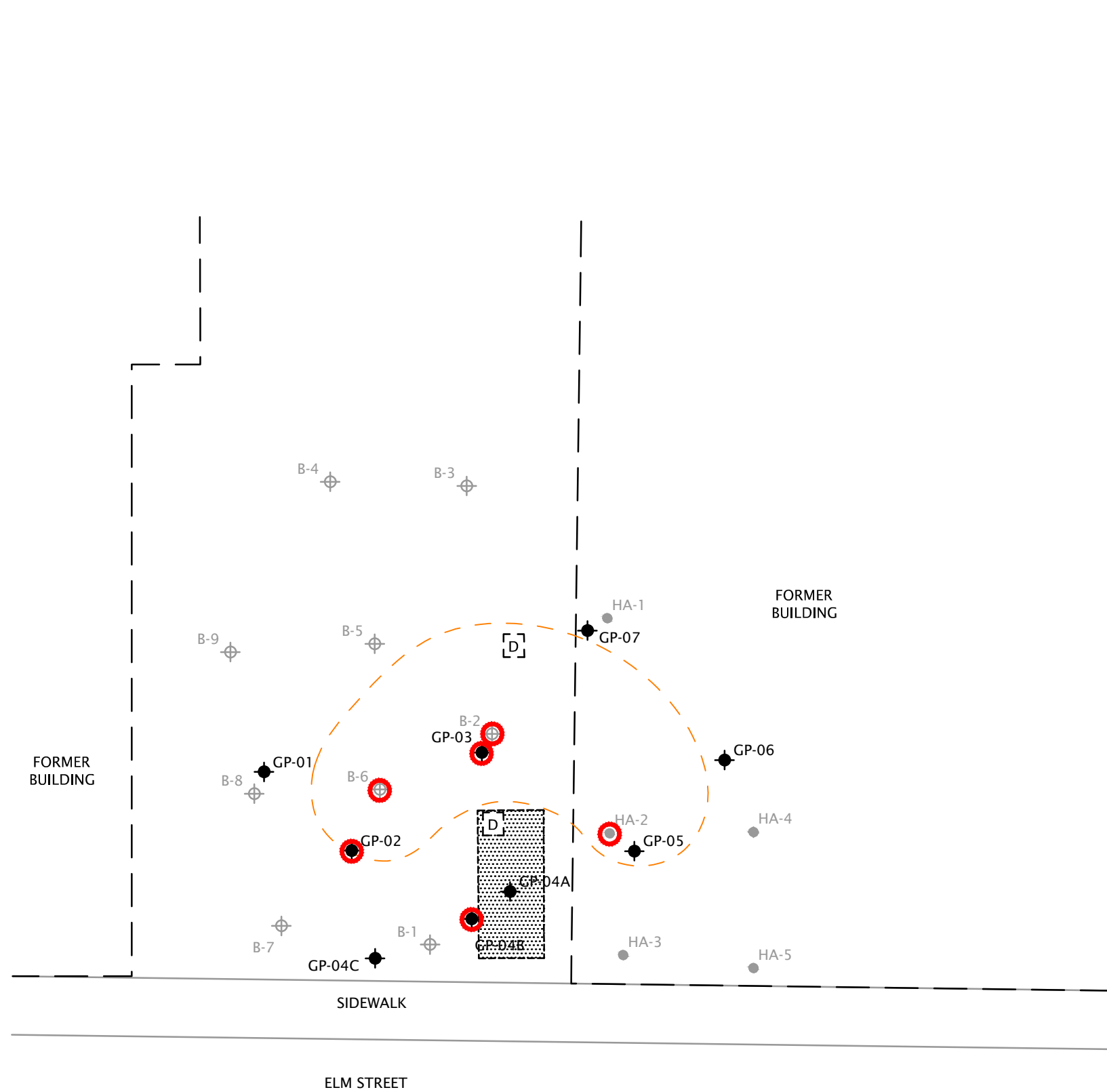
SOURCE: USGS GREEN BAY WEST EAST, WISCONSIN QUADRANGLE TOPOGRAPHIC MAPS 1982

SCALE IN FEET










Geosyntec
consultants

CLIENT:	WISCONSIN PUBLIC SERVICE	
PROJECT:	WISCONSIN PUBLIC SERVICE 700 N. ADAMS STREET GREEN BAY, WISCONSIN	
TITLE:	SITE LOCATION MAP	
PROJECT: CHE8094SU3	FIGURE NO.: 1	DRAWING NO.: 1 OF 3
DATE: Dec 12, 2022	FILE NO.: 22-12 WPS G8 03	

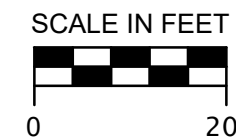


LEGEND

-  APPROXIMATE FORMER 10,000 GALLON UNLEADED GASOLINE UST LOCATION
-  APPROXIMATE FORMER DISPENSER LOCATION
-  APPROXIMATE CONTINUING OBLIGATIONS AREA (WDNR GIS REGISTRY INFORMATION)
-  B-1 APPROXIMATE 1995 SOIL BORING LOCATION
-  HA-1 APPROXIMATE 1995 HAND AUGER LOCATION
-  GP-06 APPROXIMATE AUGUST 2022 SOIL BORING LOCATION
-  PRE-SOIL REMOVAL BTEX CONCENTRATION > WDNR GROUNDWATER PROTECTION RCL

NOTES:

- BTEX - BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
- RCL - RESIDUAL CONTAMINANT LEVELS
- WDNR - WISCONSIN DEPARTMENT OF NATURAL RESOURCES
- UST - UNDERGROUND STORAGE TANK



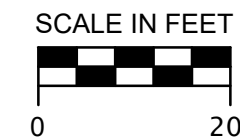
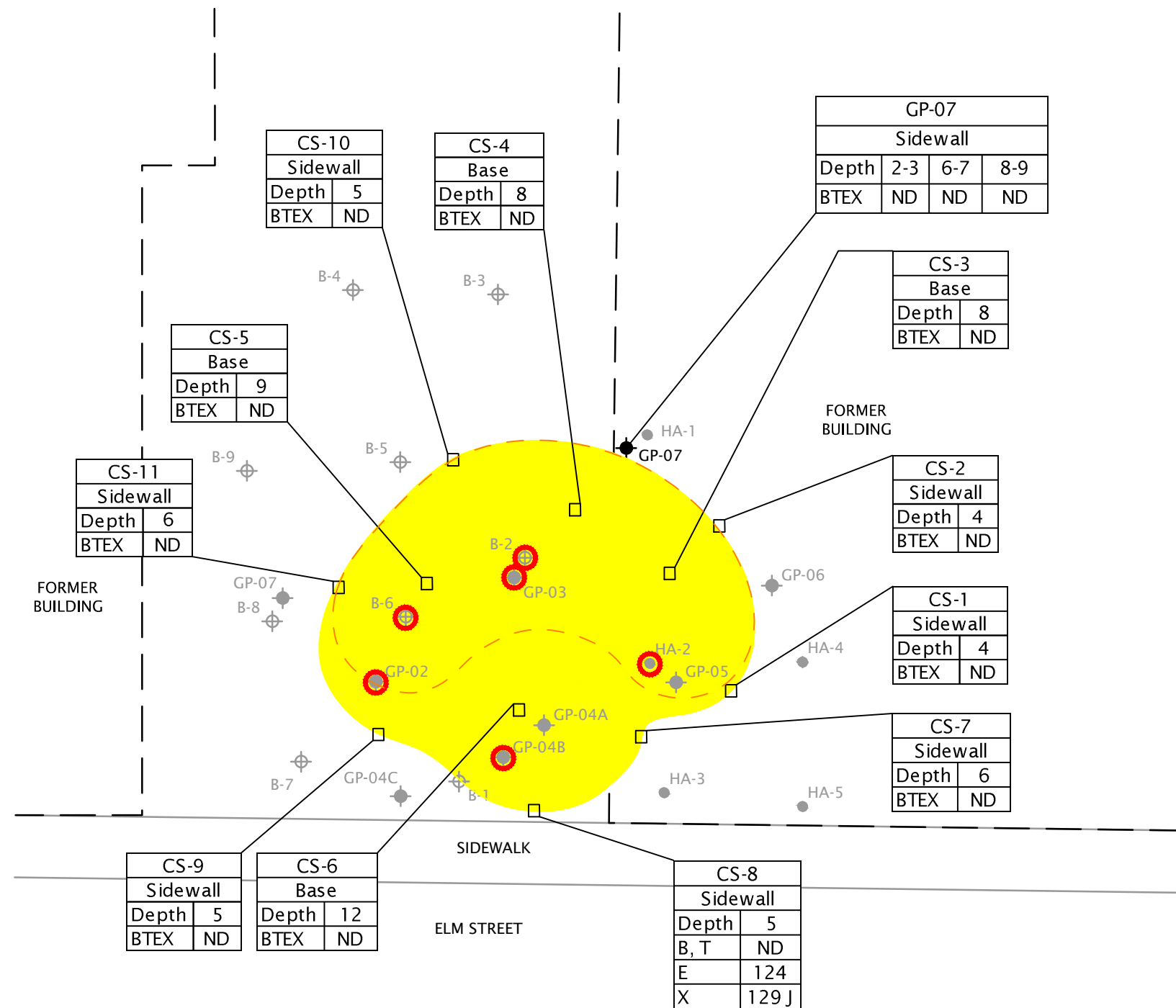
Geosyntec consultants		
CLIENT:	WISCONSIN PUBLIC SERVICE	
PROJECT:	WISCONSIN PUBLIC SERVICE 700 N. ADAMS ST GREEN BAY, WISCONSIN	
TITLE:	SUPPLEMENTAL SOIL SAMPLING MAP	
PROJECT: CHE8094SU3	FIGURE NO.: 2	DRAWING NO.:
DATE: Dec 12, 2022	FILE NO.: 2212 WPS GB 03	<u>2</u> OF <u>3</u>

LEGEND

- APPROXIMATE CONTINUING OBLIGATIONS AREA (WDNR GIS REGISTRY INFORMATION)
- B-1 APPROXIMATE 1995 SOIL BORING LOCATION
- HA-1 APPROXIMATE 1995 HAND AUGER LOCATION
- GP-01 APPROXIMATE AUGUST 2022 SOIL BORING LOCATION
- PRE-SOIL REMOVAL BTEX CONCENTRATION > WDNR GROUNDWATER PROTECTION RCL
- APPROXIMATE SOIL REMOVAL AREA
- APPROXIMATE POST-SOIL REMOVAL CONFIRMATION SAMPLE LOCATION

NOTES:

- BTEX - BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
- RCL - RESIDUAL CONTAMINANT LEVEL
- WDNR - WISCONSIN DEPARTMENT OF NATURAL RESOURCES
- DEPTH - FEET BELOW GROUND SURFACE
- J - ESTIMATED CONCENTRATION AT OR ABOVE THE LIMIT OF DETECTION AND BELOW THE LIMIT OF QUANTITATION
- ND - NOT DETECTED
- ug/kg - MICROGRAMS PER KILOGRAM
- ALL DETECTED CONCENTRATIONS IN ug/kg



Geosyntec consultants		
CLIENT:	WISCONSIN PUBLIC SERVICE	
PROJECT:	WISCONSIN PUBLIC SERVICE 700 N. ADAMS ST GREEN BAY, WISCONSIN	
TITLE:	SOIL REMOVAL MAP	
PROJECT: CHE8094SU3	FIGURE NO.: 1	DRAWING NO.:
DATE: Dec. 12, 2022	FILE NO.: 2212 WPS GB 03	3 OF 3

ATTACHMENT 3

GIS Registry Information

**WPS-DOWNTOWN
SOIL SAMPLE ANALYSIS
SOIL BORINGS B-1 THROUGH B-9**

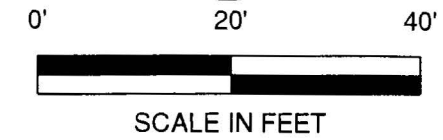
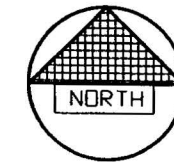
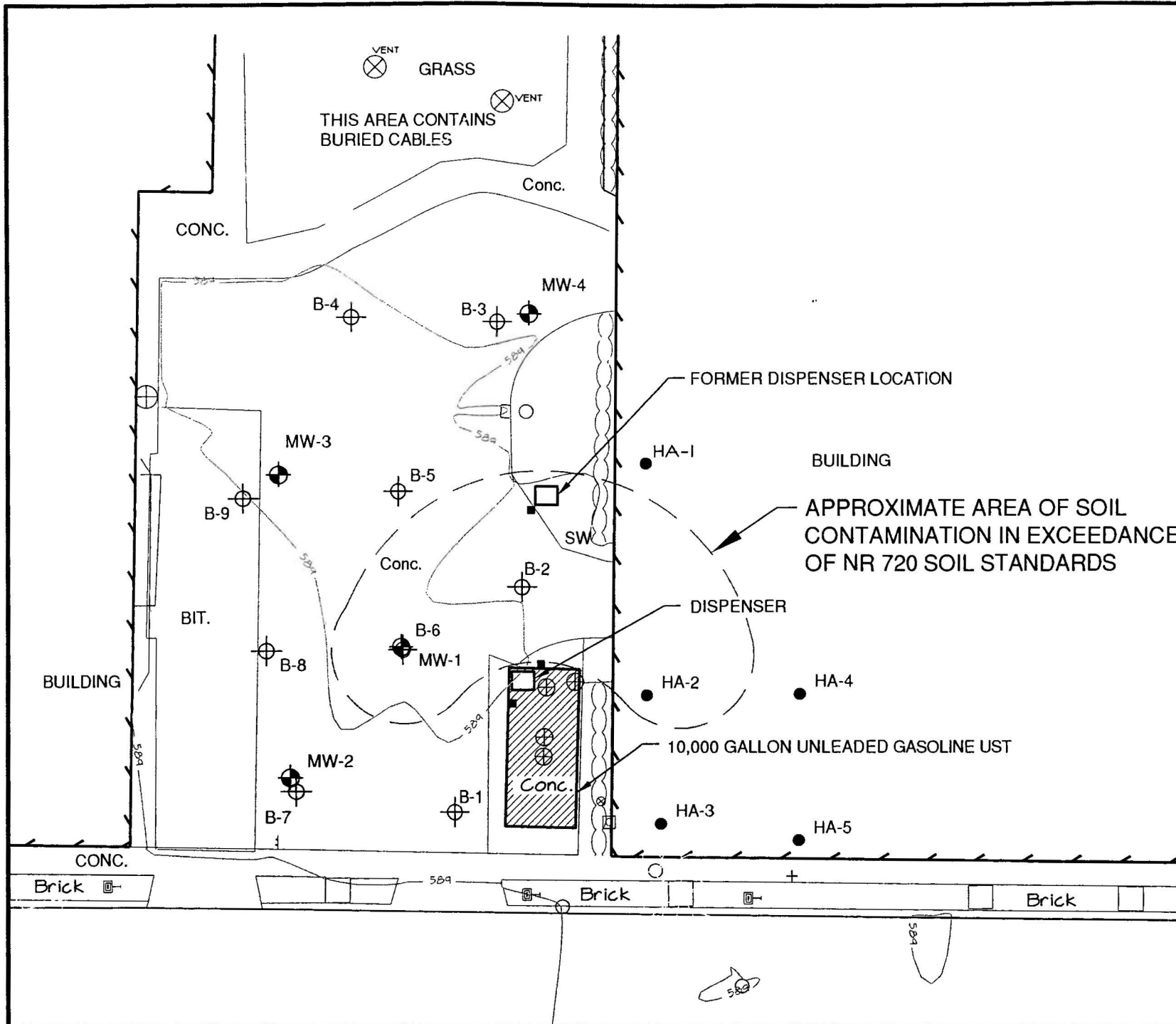
Analytical Parameter	NR 720 Clean-up Standard	Boring Number and Sample Depth (feet)								
		B-1 6-8	B-2 4-6	B-3 6-8	B-4 6-8	B-5 6-8	B-6 6-8	B-7 6-8	B-8 6-8	B-9 6-8
		3/16/95	3/16/95	3/16/95	3/16/95	3/16/95	3/16/95	3/17/95	3/17/95	3/17/95
GRO (ppm)	100	<10	230	<10	<10	<10	380	<10	<10	<10
Total Lead (ppm)	-	5.90	330	47.5	251	5.30	196	3.88	5.41	69.6
VOCs(ppb)										
Benzene	5.5	<6.5	140	<6.1	<7.1	<5.9	140	<6.1	<5.9	<6.2
Ethybenzene	2,900	<6.5	610	<6.1	<7.1	<5.9	500	<6.1	<5.9	<6.2
MTBE	-	<6.5	<7.1	<6.1	<7.1	<5.9	<73	<6.1	<5.9	<6.2
Toluene	1,500	<6.5	61	16	11	<5.9	<73	<6.1	8.6	<6.2
1,2,4-Trimethylbenzene	-	26	16,000	<6.1	<7.1	<5.9	9,100	<6.1	<5.9	<6.2
1,3,5-Trimethylbenzene	-	12	4,800	<6.1	<7.1	<5.9	1,300	<6.1	<5.9	<6.2
Total Xylene	4,100	26	7,600	<12	<14	<12	9,030	<12	<12	<12

Bold = Exceedance of NR 720 Soil Cleanup Standard

**WPS-DOWNTOWN
SOIL SAMPLE ANALYSIS
HAND AUGER BORINGS HA-1 THROUGH HA-5**

Analytical Parameter	NR 720 Clean-up Standard	Boring Number and Sample Depth (feet)				
		HA-1 4-6	HA-2 4-6	HA-3 4-6	HA-4 4-6	HA-5 4-6
		6/7/95	6/7/95	8/11/95	8/11/95	8/11/95
GRO (ppm)	100	<10	<10	<10	<10	<10
Total Lead (ppm)	-	1.95	2.85	1.90	8.00	1.45
VOCs (ppb)						
Benzene	5.5	<25	62	<25	<25	<25
Ethylbenzene	2,900	<25	<25	<25	<25	<25
MTBE	-	<25	<25	<25	<25	<25
Toluene	1,500	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	-	<25	680	<25	<25	<25
1,3,5-Trimethylbenzene	-	<25	200	<25	<25	<25
Total Xylene	4,100	<50	504	<50	<50	<50

Bold = Exceedance of NR 720 Soil Cleanup Standard



LEGEND

- SB-1 SOIL BORING LOCATION
- MW-1 MONITORING WELL LOCATION
- HA-1 HAND AUGER LOCATION
- TP-1 TEST PIT LOCATION
- STORM INLET
- CATCH BASIN
- LIGHT POLE
- FIRE HYDRANT
- MANHOLE

WISCONSIN PUBLIC SERVICE
600 N ADAMS ST
GREEN BAY, WISCONSIN
RESIDUAL SOIL CONTAMINATION MAP

ATTACHMENT 4

Supplemental Soil Sampling Documentation

Boring Logs

Borehole Abandonment Forms

Pace Analytical Laboratory Report 40250087, August 22, 2022

Pace Analytical Laboratory Report 40250088, August 22, 2022

Pace Analytical Laboratory Report 40250575, August 31, 2022

Post-Closure Modification Request

Wisconsin Public Service

700 N. Adams Street

Green Bay, Wisconsin

WDNR BRRTS # 03-05-001843

WDNR FID # 405029790

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

Facility/Project Name Wisconsin Public Service			License/Permit/Monitoring No.		Boring Number GP-01	
Boring Drilled By (First and Last Name, Firm) Dusty Harvey, GESTRA Engineering, Inc.			Drilling Start Date 08/18/2022		Drilling End Date 08/18/2022	
Drilling Method Direct Push			Final Static WL Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.	DNR Well ID No.	Well Name --	Borehole Diameter 2 inches			
Local Grid Origin <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat --		Local Grid Location	
State Plane N, E SE 1/4 of SE 1/4 of Section 25, T 24N, R 20E			Long --		Feet <input type="checkbox"/> N Feet <input type="checkbox"/> E <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID		County Brown	County Code 05		Civil Town/City/Village Green Bay	

SAMPLE				Depth (ft)	SOIL/ROCK VISUAL DESCRIPTION	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES						Comments
Sample ID	Sample Type	Length Attempt	Recovery (in)							Blow Counts	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1/GP	DP	36/60			(0') SAND (SP); medium grained (FILL).	FILL									Sampled at 3-4, 7-8, and 10-11 feet bgs.	
					(2') Black SAND (SP); silt, trace debris (FILL).	FILL										
					(3') Trace wood.											
2/GP	DP	48/60			(7') Black CLAY (CL); moist, few wood.	CL										
					(7.4') Gray to brownish gray, SANDY CLAY (CL); moist.	CL										
					(8.6') Reddish-brown CLAY (CL); moist, medium plasticity, cohesive.	CL										
3/GP	DP	48/60			(15') Boring terminated.											

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

Signature	Firm Geosyntec Consultants, Inc.
-----------	--

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

Facility/Project Name Wisconsin Public Service			License/Permit/Monitoring No.		Boring Number GP-02	
Boring Drilled By (First and Last Name, Firm) Dusty Harvey, GESTRA Engineering, Inc.			Drilling Start Date 08/18/2022		Drilling End Date 08/18/2022	
Drilling Method Direct Push			Well Name --		Borehole Diameter 2 inches	
WI Unique Well No.		DNR Well ID No.	Final Static WL Feet MSL		Surface Elevation Feet MSL	
Local Grid Origin <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat --		Local Grid Location	
State Plane N, E SE 1/4 of SE 1/4 of Section 25, T 24N, R 20E			Long --		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Brown	County Code 05		Civil Town/City/Village Green Bay	

SAMPLE				Depth (ft)	SOIL/ROCK VISUAL DESCRIPTION	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES						Comments
Sample ID	Sample Type Length Attempt	Recovery (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	N Value RQD	
1/GP	DP	24/60		0	(0') Brown SAND (SP); moist (FILL).	FILL			0.0						Sampled at 3-4, 5-6, and 11-12 feet bgs.	
					(3') Black, SILTY SAND (SM); trace gravel.	SM			96.0							
				5	(4') With petroleum odor.											
2/GP	DP	48/60			(5') Black, ORGANIC SILT/CLAY (OL); abundant organics.	OL			41.0							
					(6.4') Reddish-brown CLAY (CL); moist, trace gravel.	CL			0.0							
3/GP	DP	60/60		10	(10') As above from 6.5-10 feet bgs.				0.0							
(15') Boring terminated.																

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

Signature 	Firm Geosyntec Consultants, Inc.
---------------	--

This form is authorized by Chapters 281, 283, 289, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Facility/Project Name Wisconsin Public Service			License/Permit/Monitoring No.		Boring Number GP-03	
Boring Drilled By (First and Last Name, Firm) Dusty Harvey, GESTRA Engineering, Inc.			Drilling Start Date 08/18/2022	Drilling End Date 08/18/2022	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name --	Final Static WL Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat --		Local Grid Location	
State Plane N, E SE 1/4 of SE 1/4 of Section 25, T 24N, R 20E			Long --		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W Feet Feet	
Facility ID		County Brown	County Code 05	Civil Town/City/Village Green Bay		

SAMPLE				Depth (ft)	SOIL/ROCK VISUAL DESCRIPTION	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES						Comments
Sample ID	Sample Type Length Attempt	Recovery (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	N Value RQD	
1/GP	DP	36/60		0	(0') Brown SAND (SP); moist to wet (FILL).	FILL			3.6						Sampled at 4-5, 5-6, and 7-8 feet bgs.	
					(2') Wet from 2-3 feet bgs.				0.0							
2/GP	DP	48/60		5	(4') Black, ORGANIC CLAY (OL); trace sand. (4.6') Wood from 4.6-5.0 feet bgs.	OL			3.1 32.8							
					(6') Grayish brown CLAY (CL); moist.	CL			0.0							
3/GP	DP	60/60		10	(8') Reddish-brown CLAY (CL); moist, trace gravel.	CL			0.0							
				15	(10') As above from 8-10 feet bgs.				0.0							
(15') Boring terminated.																


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

Signature 	Firm Geosyntec Consultants, Inc.
---------------	--

This form is authorized by Chapters 281, 283, 289, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.


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

Facility/Project Name Wisconsin Public Service			License/Permit/Monitoring No.		Boring Number GP-04A	
Boring Drilled By (First and Last Name, Firm) Dusty Harvey, GESTRA Engineering, Inc.			Drilling Start Date 08/18/2022	Drilling End Date 08/18/2022	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name --	Final Static WL Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat --		Local Grid Location	
State Plane N, E SE 1/4 of SE 1/4 of Section 25, T 24N, R 20E			Long --		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W Feet Feet	
Facility ID		County Brown	County Code 05	Civil Town/City/Village Green Bay		

SAMPLE				Depth (ft)	SOIL/ROCK VISUAL DESCRIPTION	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES						Comments
Sample ID	Sample Type Length Attempt	Recovery (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	N Value RQD	
1/GP	DP	24/60		0	(0') Brown SAND (SP); (FILL).	FILL										
					(1') Gray, WELL-GRADED GRAVEL (GW); (FILL).	FILL										
2/GP	DP	24/60		5	(5') Brown GRAVEL (GP); wet, pea gravel (FILL).	FILL										
									4.2							

(10') Boring terminated. Refusal on concrete at 10 feet bgs.


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

Signature 	Firm Geosyntec Consultants, Inc.
--	--

This form is authorized by Chapters 281, 283, 289, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.


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

Facility/Project Name Wisconsin Public Service			License/Permit/Monitoring No.		Boring Number GP-04B	
Boring Drilled By (First and Last Name, Firm) Dusty Harvey, GESTRA Engineering, Inc.			Drilling Start Date 08/18/2022	Drilling End Date 08/18/2022	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name --	Final Static WL Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat --		Local Grid Location	
State Plane N, E SE 1/4 of SE 1/4 of Section 25, T 24N, R 20E			Long --		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W Feet Feet	
Facility ID		County Brown	County Code 05	Civil Town/City/Village Green Bay		

SAMPLE					Depth (ft)	SOIL/ROCK VISUAL DESCRIPTION	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES						Comments
Sample ID	Sample Type Length Attempt	Recovery (in)	Blow Counts	Compressive Strength							Moisture Content	Liquid Limit	Plasticity Index	P 200	N Value RQD		
1/GP	DP	24/60			0	(0') Gray GRAVEL (GP); moist (FILL).	FILL									Sampled at 6-7 feet bgs.	
2/GP	DP	36/60			5	(4') Brown GRAVEL (GP); wet, pea gravel (FILL).	FILL		0.8	54.0							
					10	(9') Brown SAND (SP); wet (FILL).	FILL		4.5								

(10') Boring terminated. Refusal on concrete at 10 feet bgs.

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

Signature 	Firm Geosyntec Consultants, Inc.
--	--

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

Facility/Project Name Wisconsin Public Service			License/Permit/Monitoring No.		Boring Number GP-04C	
Boring Drilled By (First and Last Name, Firm) Dusty Harvey, GESTRA Engineering, Inc.			Drilling Start Date 08/18/2022	Drilling End Date 08/18/2022	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name --	Final Static WL Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat --	Local Grid Location		
State Plane N, E SE 1/4 of SE 1/4 of Section 25, T 24N, R 20E			Long --	____ Feet <input type="checkbox"/> N <input type="checkbox"/> S	____ Feet <input type="checkbox"/> E <input type="checkbox"/> W	
Facility ID		County Brown	County Code 05	Civil Town/City/Village Green Bay		

SAMPLE				Depth (ft)	SOIL/ROCK VISUAL DESCRIPTION	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES						Comments
Sample ID	Sample Type Length Attempt	Recovery (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	N Value RQD	
1/GP	DP	36/60		0	(0') Brown SAND (SP); (FILL).	FILL									Sampled at 4-5 and 7-8 feet bgs.	
					(1') Black SAND (SP); with slag, brick, wood (FILL).	FILL			0.0							
2/GP	DP	60/60		5	(5') Black, ORGANIC SILT (OL); abundant organics.	OL			0.4							
					(6') Grayish brown CLAY (CL); moist.	CL			0.0							
3/GP	DP	60/60		10	(8') Reddish-brown CLAY (CL); moist, trace gravel.	CL			0.0							
					(10') As above from 8-10 feet bgs.				0.0							
(15') Boring terminated.																

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

Signature 	Firm Geosyntec Consultants, Inc.
---------------	--

This form is authorized by Chapters 281, 283, 289, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Facility/Project Name Wisconsin Public Service			License/Permit/Monitoring No.		Boring Number GP-05	
Boring Drilled By (First and Last Name, Firm) Dusty Harvey, GESTRA Engineering, Inc.			Drilling Start Date 08/18/2022	Drilling End Date 08/18/2022	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name --	Final Static WL Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat --		Local Grid Location	
State Plane N, E SE 1/4 of SE 1/4 of Section 25, T 24N, R 20E			Long --		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Brown	County Code 05	Civil Town/City/Village Green Bay		

SAMPLE				Depth (ft)	SOIL/ROCK VISUAL DESCRIPTION	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES						Comments
Sample ID	Sample Type Length Attempt	Recovery (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	N Value RQD	
1/GP	DP	36/60		0	(0') Brown SAND (SP); (FILL).	FILL									Sampled at 2-3, 5-6, and 7-8 feet bgs.	
2/GP	DP	60/60		5	(4') Wet. (6.5') Gray SAND (SP); wet.	SP										
3/GP	DP	60/60		10	(7') Reddish-brown CLAY (CL); moist to wet, trace gravel. (10') As above from 7-10 feet bgs.	CL										
				15	(15') Boring terminated.											

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

Signature 	Firm Geosyntec Consultants, Inc.
---------------	--

This form is authorized by Chapters 281, 283, 289, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Facility/Project Name Wisconsin Public Service			License/Permit/Monitoring No.		Boring Number GP-06	
Boring Drilled By (First and Last Name, Firm) Dusty Harvey, GESTRA Engineering, Inc.			Drilling Start Date 08/18/2022	Drilling End Date 08/18/2022	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name --	Final Static WL Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat --		Local Grid Location	
State Plane N, E SE 1/4 of SE 1/4 of Section 25, T 24N, R 20E			Long --		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Brown	County Code 05	Civil Town/City/Village Green Bay		

SAMPLE					Depth (ft)	SOIL/ROCK VISUAL DESCRIPTION	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES						Comments
Sample ID	Sample Type	Length Attempt	Recovery (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	N Value RQD	
1/GP	DP	36/60			0	(0') Brown, POORLY GRADED SAND (SP); moist (FILL).	FILL									Sampled at 2-3, 5-6, and 8-9 feet bgs.	
					(3.5')	Wet.											
2/GP	DP	60/60			5	(7') Brown CLAY (CL); moist, trace gravel.	CL										
3/GP	DP	36/60			10	(10') As above from 7-10 feet bgs.											
					15	(15') Boring terminated.											




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

Signature 	Firm Geosyntec Consultants, Inc.
---------------	--


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

Facility/Project Name Wisconsin Public Service			License/Permit/Monitoring No.		Boring Number GP-07	
Boring Drilled By (First and Last Name, Firm) Dusty Harvey, GESTRA Engineering, Inc.			Drilling Start Date 08/18/2022	Drilling End Date 08/18/2022	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name --	Final Static WL Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/>			Lat --		Local Grid Location	
State Plane N, E SE 1/4 of SE 1/4 of Section 25, T 24N, R 20E			Long --		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Brown	County Code 05	Civil Town/City/Village Green Bay		

SAMPLE				Depth (ft)	SOIL/ROCK VISUAL DESCRIPTION	USCS	Graphic Log	Well Diagram	PID/FID	SOIL PROPERTIES						Comments
Sample ID	Sample Type	Length Attempt	Recovery (in)							Blow Counts	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1/GP	DP	36/60			0	(0') Brown SAND (SP); few black pieces (FILL).	FILL									Sampled at 2-3, 6-7, and 8-9 feet bgs.
2/GP	DP	48/60			5	(7') Brown, SANDY CLAY (CL).	CL									
3/GP	DP	60/60			10	(8') Reddish-brown CLAY (CL); moist, trace gravel.	CL									
					15	(10') As above from 8-10 feet bgs.										
(15') Boring terminated.																

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

Signature 	Firm Geosyntec Consultants, Inc.
--	--

This form is authorized by Chapters 281, 283, 289, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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
GP-01

Route to DNR Bureau:

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

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

County Brown		WI Unique Well # of Removed Well		Hicap #	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	
¼ / ¼ SE or Gov't Lot #	¼ SE	Section 25	Township 24 N	Range 20	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well Street Address 700 N. Adams Street			Well ZIP Code 54302		
Well City, Village or Town Green Bay			Subdivision Name		
Reason for Removal from Service Test boring			WI Unique Well # of Replacement Well _____		

Facility Name Wisconsin Public Service		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner Wisconsin Public Service Corp		
Present Well Owner Wisconsin Public Service Corp		
Mailing Address of Present Owner		
City of Present Owner	State	ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 8/18/2022
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input checked="" type="checkbox"/> Borehole / Drillhole	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Geoprobe</u>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) 15	Casing Diameter (in.)
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

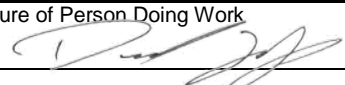
Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> 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 checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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	
<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i> <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input 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
Bentonite Chips	Surface	15	0.25 bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing Geosyntec Consultants	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 08/18/2022	Date Received	Noted By
Street or Route 10600 North Port Washington Road Suite 100		Telephone Number (262) 377-9828	Comments	
City Mequon	State WI	ZIP Code 53092	Signature of Person Doing Work 	Date Signed 10/18/2022

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
GP-02

Route to DNR Bureau:

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

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

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

Facility Name: Wisconsin Public Service
Facility ID (FID or PWS): _____

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: DD DDM
Method Code: GPS008 SCR002 OTH001

License/Permit/Monitoring #: _____

1/4 / 1/4 SE 1/4 SE Section 25 Township 24 N Range 20 E W
or Gov't Lot #

Original Well Owner: Wisconsin Public Service Corp

Well Street Address: 700 N. Adams Street

Present Well Owner: Wisconsin Public Service Corp

Well City, Village or Town: Green Bay Well ZIP Code: 54302

Mailing Address of Present Owner: _____

Subdivision Name: _____ Lot #: _____

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

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

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

3. Filled & Sealed Well / Drillhole / Borehole Information

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

Monitoring Well
 Water Well
 Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 8/18/2022
If a Well Construction Report is available, please attach.

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

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

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

Formation Type:
 Unconsolidated Formation Bedrock

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

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

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

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): _____

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.25 bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing: Geosyntec Consultants License #: _____ Date of Filling & Sealing or Verification (mm/dd/yyyy): 08/18/2022 Date Received: _____ Noted By: _____
Street or Route: 10600 North Port Washington Road Suite 100 Telephone Number: (262) 377-9828 Comments: _____
City: Mequon State: WI ZIP Code: 53092 Signature of Person Doing Work: _____ Date Signed: 10/18/2022

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
GP-03

Route to DNR Bureau:

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

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

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

Facility Name: Wisconsin Public Service
Facility ID (FID or PWS): _____

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: DD DDM
Method Code: GPS008 SCR002 OTH001

License/Permit/Monitoring #: _____

1/4 / 1/4 SE 1/4 SE Section: 25 Township: 24 N Range: 20 E W
or Gov't Lot #: _____

Original Well Owner: Wisconsin Public Service Corp

Well Street Address: 700 N. Adams Street

Present Well Owner: Wisconsin Public Service Corp

Well City, Village or Town: Green Bay Well ZIP Code: 54302

Mailing Address of Present Owner: _____

Subdivision Name: _____ Lot #: _____

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

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

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

3. Filled & Sealed Well / Drillhole / Borehole Information

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

Monitoring Well
 Water Well
 Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 8/18/2022
If a Well Construction Report is available, please attach. _____

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

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

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

Formation Type:
 Unconsolidated Formation Bedrock

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

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

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

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

Was well annular space grouted? Yes No Unknown

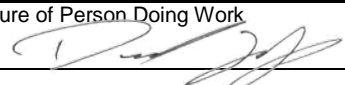
If yes, to what depth (feet)? _____ Depth to Water (feet): _____

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.25 bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing: Geosyntec Consultants	License #: _____	Date of Filling & Sealing or Verification (mm/dd/yyyy): 08/18/2022	Date Received: _____	Noted By: _____
Street or Route: 10600 North Port Washington Road Suite 100	Telephone Number: (262) 377-9828	Comments: _____		
City: Mequon	State: WI	ZIP Code: 53092	Signature of Person Doing Work: 	Date Signed: 10/18/2022

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
GP-04A

Route to DNR Bureau:

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

1. Well Location Information 2. Facility / Owner Information

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

Facility Name: Wisconsin Public Service
Facility ID (FID or PWS): _____

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: DD DDM
Method Code: GPS008 SCR002 OTH001

License/Permit/Monitoring #: _____

1/4 1/4 SE or Gov't Lot #: _____
Section: 25 Township: 24 N Range: 20 E W

Original Well Owner: Wisconsin Public Service Corp

Well Street Address: 700 N. Adams Street

Present Well Owner: Wisconsin Public Service Corp

Well City, Village or Town: Green Bay Well ZIP Code: 54302

Mailing Address of Present Owner: _____

Subdivision Name: _____ Lot #: _____

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

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

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

3. Filled & Sealed Well / Drillhole / Borehole Information

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

Monitoring Well
 Water Well
 Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 8/18/2022
If a Well Construction Report is available, please attach.

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

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

Formation Type:
 Unconsolidated Formation Bedrock

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

Total Well Depth From Ground Surface (ft.): 10 Casing Diameter (in.): _____

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

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): _____

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 bag	

6. Comments

7. Supervision of Work DNR Use Only

Name of Person or Firm Doing Filling & Sealing: Geosyntec Consultants License #: _____ Date of Filling & Sealing or Verification (mm/dd/yyyy): 08/18/2022
Date Received: _____ Noted By: _____
Street or Route: 10600 North Port Washington Road Suite 100 Telephone Number: (262) 377-9828
Comments: _____
City: Mequon State: WI ZIP Code: 53092
Signature of Person Doing Work:  Date Signed: 10/18/2022

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
GP-04B

Route to DNR Bureau:

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

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

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

Facility Name: Wisconsin Public Service
Facility ID (FID or PWS): _____

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: DD DDM
Method Code: GPS008 SCR002 OTH001

License/Permit/Monitoring #: _____

1/4 / 1/4 SE 1/4 SE Section 25 Township 24 N Range 20 E W
or Gov't Lot #

Original Well Owner: Wisconsin Public Service Corp

Well Street Address: 700 N. Adams Street

Present Well Owner: Wisconsin Public Service Corp

Well City, Village or Town: Green Bay Well ZIP Code: 54302

Mailing Address of Present Owner: _____

Subdivision Name: _____ Lot #: _____

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

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

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

3. Filled & Sealed Well / Drillhole / Borehole Information

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

Monitoring Well
 Water Well
 Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 8/18/2022
If a Well Construction Report is available, please attach.

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

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

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

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): 10 Casing Diameter (in.): _____

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

Was well annular space grouted? Yes No Unknown

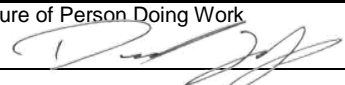
If yes, to what depth (feet)? _____ Depth to Water (feet): _____

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	0.25 bag	

6. Comments

7. Supervision of Work

			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	Date Received	Noted By
Geosyntec Consultants		08/18/2022		
Street or Route		Telephone Number	Comments	
10600 North Port Washington Road Suite 100		(262) 377-9828		
City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Mequon	WI	53092		10/18/2022

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
GP-04C

Route to DNR Bureau:

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

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

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

Facility Name: Wisconsin Public Service
Facility ID (FID or PWS): _____

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: DD DDM
Method Code: GPS008 SCR002 OTH001

License/Permit/Monitoring #: _____

1/4 / 1/4 SE 1/4 SE Section 25 Township 24 N Range 20 E W
or Gov't Lot #

Original Well Owner: Wisconsin Public Service Corp

Well Street Address: 700 N. Adams Street

Present Well Owner: Wisconsin Public Service Corp

Well City, Village or Town: Green Bay Well ZIP Code: 54302

Mailing Address of Present Owner: _____

Subdivision Name: _____ Lot #: _____

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

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

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

3. Filled & Sealed Well / Drillhole / Borehole Information

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

Monitoring Well
 Water Well
 Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 8/18/2022
If a Well Construction Report is available, please attach.

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

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

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

Formation Type:
 Unconsolidated Formation Bedrock

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

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

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

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): _____

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.25 bag	

6. Comments

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

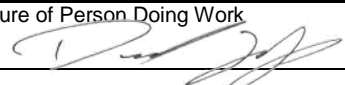
Name of Person or Firm Doing Filling & Sealing: Geosyntec Consultants License #: _____ Date of Filling & Sealing or Verification (mm/dd/yyyy): 08/18/2022 Date Received: _____ Noted By: _____
Street or Route: 10600 North Port Washington Road Suite 100 Telephone Number: (262) 377-9828 Comments: _____
City: Mequon State: WI ZIP Code: 53092 Signature of Person Doing Work: _____ Date Signed: 10/18/2022

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
GP-05

Route to DNR Bureau:

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

1. Well Location Information				2. Facility / Owner Information			
County Brown		WI Unique Well # of Removed Well		Hicap #		Facility Name Wisconsin Public Service	
Latitude / Longitude (see instructions) _____ N _____ W		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)	
1/4 / 1/4 SE 1/4 SE or Gov't Lot #		Section 25		Township 24 N		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 700 N. Adams Street				Original Well Owner Wisconsin Public Service Corp			
Well City, Village or Town Green Bay				Well ZIP Code 54302			
Subdivision Name				Lot #		Present Well Owner Wisconsin Public Service Corp	
Reason for Removal from Service Test boring		WI Unique Well # of Replacement Well		Mailing Address of Present Owner			
3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 8/18/2022		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe		If a Well Construction Report is available, please attach.		Liner(s) 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				Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) 15		Casing Diameter (in.)		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Lower Drillhole Diameter (in.)		Casing Depth (ft.)		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			
				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 checked="" type="checkbox"/> N/A			
				If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
5. Material Used to Fill Well / Drillhole							
Bentonite Chips		Surface		15		0.25 bag	
6. Comments							
7. Supervision of Work				DNR Use Only			
Name of Person or Firm Doing Filling & Sealing Geosyntec Consultants		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) 08/18/2022		Date Received	
Street or Route 10600 North Port Washington Road Suite 100		Telephone Number (262) 377-9828		Comments		Noted By	
City Mequon		State WI		ZIP Code 53092		Signature of Person Doing Work 	
						Date Signed 10/18/2022	

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
GP-06

Route to DNR Bureau:

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

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

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

Facility Name: Wisconsin Public Service
Facility ID (FID or PWS): _____

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: DD DDM
Method Code: GPS008 SCR002 OTH001

License/Permit/Monitoring #: _____

1/4 / 1/4 SE 1/4 SE Section 25 Township 24 N Range 20 E W
or Gov't Lot #

Original Well Owner: Wisconsin Public Service Corp

Well Street Address: 700 N. Adams Street

Present Well Owner: Wisconsin Public Service Corp

Well City, Village or Town: Green Bay Well ZIP Code: 54302

Mailing Address of Present Owner

Subdivision Name Lot #

City of Present Owner State ZIP Code

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

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

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well
 Water Well
 Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 8/18/2022
If a Well Construction Report is available, please attach.

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

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

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

Formation Type:
 Unconsolidated Formation Bedrock

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

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

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

Was well annular space grouted? Yes No Unknown

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

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.25 bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing: Geosyntec Consultants License #: _____ Date of Filling & Sealing or Verification (mm/dd/yyyy): 08/18/2022 Date Received: _____ Noted By: _____
Street or Route: 10600 North Port Washington Road Suite 100 Telephone Number: (262) 377-9828 Comments: _____
City: Mequon State: WI ZIP Code: 53092 Signature of Person Doing Work: _____ Date Signed: 10/18/2022

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
GP-07

Route to DNR Bureau:

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

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

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

Facility Name: Wisconsin Public Service
Facility ID (FID or PWS): _____

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: DD DDM
Method Code: GPS008 SCR002 OTH001

License/Permit/Monitoring #: _____

1/4 / 1/4 SE 1/4 SE Section 25 Township 24 N Range 20 E W
or Gov't Lot #

Original Well Owner: Wisconsin Public Service Corp

Well Street Address: 700 N. Adams Street

Present Well Owner: Wisconsin Public Service Corp

Well City, Village or Town: Green Bay Well ZIP Code: 54302

Mailing Address of Present Owner

Subdivision Name Lot #

City of Present Owner State ZIP Code

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

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

3. Filled & Sealed Well / Drillhole / Borehole Information

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

Monitoring Well
 Water Well
 Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 8/18/2022
If a Well Construction Report is available, please attach.

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

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

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

Formation Type:
 Unconsolidated Formation Bedrock

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

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

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

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

Was well annular space grouted? Yes No Unknown

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	15	0.25 bag	

6. Comments

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

Name of Person or Firm Doing Filling & Sealing: Geosyntec Consultants License #: _____ Date of Filling & Sealing or Verification (mm/dd/yyyy): 08/18/2022 Date Received: _____ Noted By: _____
Street or Route: 10600 North Port Washington Road Suite 100 Telephone Number: (262) 377-9828 Comments: _____
City: Mequon State: WI ZIP Code: 53092 Signature of Person Doing Work: _____ Date Signed: 10/18/2022

August 22, 2022

Jeremiah Johnson
GEOSYNTEC CONSULTANTS
10600 North Port Washington Rd
Suite 100
Thiensville, WI 53092

RE: Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Dear Jeremiah Johnson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 18, 2022. 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: Frank Dombrowski, WE Energies
Beth Hellman, WE Energies
Codyann Kolp, Geosyntec Consultants
WE Energies Lab Reports, WE Energies



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

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: CHE8094 WPS GB DOB

Pace Project No.: 40250087

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40250087001	GP-01 (4-5)	Solid	08/18/22 10:55	08/18/22 15:27
40250087002	GP-01 (7-8)	Solid	08/18/22 11:00	08/18/22 15:27
40250087003	GP-01 (10-11)	Solid	08/18/22 11:07	08/18/22 15:27
40250087004	GP-02 (3-4)	Solid	08/18/22 11:15	08/18/22 15:27
40250087005	GP-02 (5-6)	Solid	08/18/22 11:25	08/18/22 15:27
40250087006	GP-02 (11-12)	Solid	08/18/22 11:25	08/18/22 15:27
40250087007	GP-03 (4-5)	Solid	08/18/22 11:40	08/18/22 15:27
40250087008	GP-03 (4-5) DCP	Solid	08/18/22 11:40	08/18/22 15:27
40250087009	GP-03 (5-6)	Solid	08/18/22 11:45	08/18/22 15:27
40250087010	GP-03 (7-8)	Solid	08/18/22 11:50	08/18/22 15:27
40250087011	GP-04B (6-7)	Solid	08/18/22 12:35	08/18/22 15:27
40250087012	GP-05 (2-3)	Solid	08/18/22 12:40	08/18/22 15:27
40250087013	GP-05 (5-6)	Solid	08/18/22 12:50	08/18/22 15:27
40250087014	GP-05 (7-8)	Solid	08/18/22 12:45	08/18/22 15:27
40250087015	GP-06 (2-3)	Solid	08/18/22 13:00	08/18/22 15:27
40250087016	GP-06 (5-6)	Solid	08/18/22 13:10	08/18/22 15:27
40250087017	GP-06 (5-6)DUP	Solid	08/18/22 13:10	08/18/22 15:27
40250087018	GP-06 (8-9)	Solid	08/18/22 13:10	08/18/22 15:27
40250087019	GP-07 (2-3)	Solid	08/18/22 13:20	08/18/22 15:27
40250087020	GP-07 (6-7)	Solid	08/18/22 13:25	08/18/22 15:27
40250087021	GP-07 (8-9)	Solid	08/18/22 13:25	08/18/22 15:27
40250087022	GP-04C (4-5)	Solid	08/18/22 13:40	08/18/22 15:27
40250087023	GP-04C (7-8)	Solid	08/18/22 13:45	08/18/22 15:27
40250087024	MEOH BLANK	Solid	08/18/22 00:00	08/18/22 15:27

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40250087001	GP-01 (4-5)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087002	GP-01 (7-8)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087003	GP-01 (10-11)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087004	GP-02 (3-4)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087005	GP-02 (5-6)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087006	GP-02 (11-12)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087007	GP-03 (4-5)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087008	GP-03 (4-5) DCP	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087009	GP-03 (5-6)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087010	GP-03 (7-8)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087011	GP-04B (6-7)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087012	GP-05 (2-3)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087013	GP-05 (5-6)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087014	GP-05 (7-8)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087015	GP-06 (2-3)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087016	GP-06 (5-6)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087017	GP-06 (5-6)DUP	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087018	GP-06 (8-9)	EPA 8260	ALD	7
		ASTM D2974-87	PDV	1
40250087019	GP-07 (2-3)	EPA 8260	ALD	7

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40250087020	GP-07 (6-7)	ASTM D2974-87	PDV	1
		EPA 8260	ALD	7
40250087021	GP-07 (8-9)	ASTM D2974-87	PDV	1
		EPA 8260	ALD	7
40250087022	GP-04C (4-5)	ASTM D2974-87	PDV	1
		EPA 8260	ALD	7
40250087023	GP-04C (7-8)	ASTM D2974-87	PDV	1
		EPA 8260	ALD	7
40250087024	MEOH BLANK	ASTM D2974-87	MYH	1
		EPA 8260	ALD	7

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-01 (4-5) **Lab ID: 40250087001** Collected: 08/18/22 10:55 Received: 08/18/22 15:27 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay									
Benzene	<18.0	ug/kg	30.3	18.0	1	08/19/22 07:00	08/19/22 13:32	71-43-2	
Ethylbenzene	<18.0	ug/kg	75.8	18.0	1	08/19/22 07:00	08/19/22 13:32	100-41-4	
Toluene	30.2J	ug/kg	75.8	19.1	1	08/19/22 07:00	08/19/22 13:32	108-88-3	
Xylene (Total)	<54.8	ug/kg	228	54.8	1	08/19/22 07:00	08/19/22 13:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	129	%	68-156		1	08/19/22 07:00	08/19/22 13:32	460-00-4	
Toluene-d8 (S)	129	%	69-153		1	08/19/22 07:00	08/19/22 13:32	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	120	%	71-161		1	08/19/22 07:00	08/19/22 13:32	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	20.5	%	0.10	0.10	1		08/19/22 12:56		

Sample: GP-01 (7-8) **Lab ID: 40250087002** Collected: 08/18/22 11:00 Received: 08/18/22 15:27 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	26.6	15.8	1	08/19/22 07:00	08/19/22 13:52	71-43-2	
Ethylbenzene	<15.8	ug/kg	66.5	15.8	1	08/19/22 07:00	08/19/22 13:52	100-41-4	
Toluene	<16.8	ug/kg	66.5	16.8	1	08/19/22 07:00	08/19/22 13:52	108-88-3	
Xylene (Total)	<48.0	ug/kg	200	48.0	1	08/19/22 07:00	08/19/22 13:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	137	%	68-156		1	08/19/22 07:00	08/19/22 13:52	460-00-4	
Toluene-d8 (S)	132	%	69-153		1	08/19/22 07:00	08/19/22 13:52	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	124	%	71-161		1	08/19/22 07:00	08/19/22 13:52	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	14.2	%	0.10	0.10	1		08/19/22 12:56		

Sample: GP-01 (10-11) **Lab ID: 40250087003** Collected: 08/18/22 11:07 Received: 08/18/22 15:27 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	28.2	16.8	1	08/19/22 07:00	08/19/22 14:12	71-43-2	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-01 (10-11) **Lab ID: 40250087003** Collected: 08/18/22 11:07 Received: 08/18/22 15:27 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									
Ethylbenzene	<16.8	ug/kg	70.4	16.8	1	08/19/22 07:00	08/19/22 14:12	100-41-4	
Toluene	<17.7	ug/kg	70.4	17.7	1	08/19/22 07:00	08/19/22 14:12	108-88-3	
Xylene (Total)	<50.8	ug/kg	211	50.8	1	08/19/22 07:00	08/19/22 14:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	131	%	68-156		1	08/19/22 07:00	08/19/22 14:12	460-00-4	
Toluene-d8 (S)	128	%	69-153		1	08/19/22 07:00	08/19/22 14:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	123	%	71-161		1	08/19/22 07:00	08/19/22 14:12	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	17.0	%	0.10	0.10	1		08/19/22 12:57		

Sample: GP-02 (3-4) **Lab ID: 40250087004** Collected: 08/18/22 11:15 Received: 08/18/22 15:27 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	<22.2	ug/kg	37.3	22.2	1	08/19/22 07:00	08/19/22 14:33	71-43-2	
Ethylbenzene	<22.2	ug/kg	93.4	22.2	1	08/19/22 07:00	08/19/22 14:33	100-41-4	
Toluene	<23.5	ug/kg	93.4	23.5	1	08/19/22 07:00	08/19/22 14:33	108-88-3	
Xylene (Total)	<67.4	ug/kg	280	67.4	1	08/19/22 07:00	08/19/22 14:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	151	%	68-156		1	08/19/22 07:00	08/19/22 14:33	460-00-4	
Toluene-d8 (S)	153	%	69-153		1	08/19/22 07:00	08/19/22 14:33	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	140	%	71-161		1	08/19/22 07:00	08/19/22 14:33	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	30.2	%	0.10	0.10	1		08/19/22 15:09		

Sample: GP-02 (5-6) **Lab ID: 40250087005** Collected: 08/18/22 11:25 Received: 08/18/22 15:27 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	189	ug/kg	37.0	22.0	1	08/19/22 07:00	08/19/22 14:53	71-43-2	
Ethylbenzene	72.8J	ug/kg	92.4	22.0	1	08/19/22 07:00	08/19/22 14:53	100-41-4	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-02 (5-6) **Lab ID: 40250087005** Collected: 08/18/22 11:25 Received: 08/18/22 15:27 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									
Toluene	99.6	ug/kg	92.4	23.3	1	08/19/22 07:00	08/19/22 14:53	108-88-3	
Xylene (Total)	1290	ug/kg	277	66.7	1	08/19/22 07:00	08/19/22 14:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	127	%	68-156		1	08/19/22 07:00	08/19/22 14:53	460-00-4	
Toluene-d8 (S)	131	%	69-153		1	08/19/22 07:00	08/19/22 14:53	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	118	%	71-161		1	08/19/22 07:00	08/19/22 14:53	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	29.8	%	0.10	0.10	1		08/19/22 15:09		

Sample: GP-02 (11-12) **Lab ID: 40250087006** Collected: 08/18/22 11:25 Received: 08/18/22 15:27 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	08/19/22 07:00	08/19/22 17:14	71-43-2	
Ethylbenzene	<16.7	ug/kg	70.1	16.7	1	08/19/22 07:00	08/19/22 17:14	100-41-4	
Toluene	<17.7	ug/kg	70.1	17.7	1	08/19/22 07:00	08/19/22 17:14	108-88-3	
Xylene (Total)	<50.6	ug/kg	210	50.6	1	08/19/22 07:00	08/19/22 17:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	123	%	68-156		1	08/19/22 07:00	08/19/22 17:14	460-00-4	
Toluene-d8 (S)	120	%	69-153		1	08/19/22 07:00	08/19/22 17:14	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	113	%	71-161		1	08/19/22 07:00	08/19/22 17:14	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	16.7	%	0.10	0.10	1		08/19/22 15:09		

Sample: GP-03 (4-5) **Lab ID: 40250087007** Collected: 08/18/22 11:40 Received: 08/18/22 15:27 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	<19.3	ug/kg	32.5	19.3	1	08/19/22 07:00	08/19/22 17:35	71-43-2	
Ethylbenzene	<19.3	ug/kg	81.2	19.3	1	08/19/22 07:00	08/19/22 17:35	100-41-4	
Toluene	24.0J	ug/kg	81.2	20.5	1	08/19/22 07:00	08/19/22 17:35	108-88-3	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-03 (4-5) **Lab ID: 40250087007** Collected: 08/18/22 11:40 Received: 08/18/22 15:27 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									
Xylene (Total)	69.5J	ug/kg	244	58.6	1	08/19/22 07:00	08/19/22 17:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	150	%	68-156		1	08/19/22 07:00	08/19/22 17:35	460-00-4	
Toluene-d8 (S)	147	%	69-153		1	08/19/22 07:00	08/19/22 17:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	136	%	71-161		1	08/19/22 07:00	08/19/22 17:35	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	23.8	%	0.10	0.10	1		08/19/22 15:45		

Sample: GP-03 (4-5) DCP **Lab ID: 40250087008** Collected: 08/18/22 11:40 Received: 08/18/22 15:27 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	27.9	16.6	1	08/19/22 07:00	08/19/22 15:53	71-43-2	
Ethylbenzene	<16.6	ug/kg	69.8	16.6	1	08/19/22 07:00	08/19/22 15:53	100-41-4	
Toluene	<17.6	ug/kg	69.8	17.6	1	08/19/22 07:00	08/19/22 15:53	108-88-3	
Xylene (Total)	62.1J	ug/kg	209	50.4	1	08/19/22 07:00	08/19/22 15:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	134	%	68-156		1	08/19/22 07:00	08/19/22 15:53	460-00-4	
Toluene-d8 (S)	128	%	69-153		1	08/19/22 07:00	08/19/22 15:53	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	120	%	71-161		1	08/19/22 07:00	08/19/22 15:53	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	16.5	%	0.10	0.10	1		08/19/22 15:45		

Sample: GP-03 (5-6) **Lab ID: 40250087009** Collected: 08/18/22 11:45 Received: 08/18/22 15:27 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	376	ug/kg	43.2	25.7	1	08/19/22 07:00	08/19/22 19:44	71-43-2	
Ethylbenzene	503	ug/kg	108	25.7	1	08/19/22 07:00	08/19/22 19:44	100-41-4	
Toluene	102J	ug/kg	108	27.2	1	08/19/22 07:00	08/19/22 19:44	108-88-3	
Xylene (Total)	2600	ug/kg	324	77.9	1	08/19/22 07:00	08/19/22 19:44	1330-20-7	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-03 (5-6) **Lab ID: 40250087009** Collected: 08/18/22 11:45 Received: 08/18/22 15:27 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									
Surrogates									
4-Bromofluorobenzene (S)	120	%	68-156		1	08/19/22 07:00	08/19/22 19:44	460-00-4	
Toluene-d8 (S)	123	%	69-153		1	08/19/22 07:00	08/19/22 19:44	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	113	%	71-161		1	08/19/22 07:00	08/19/22 19:44	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	36.7	%	0.10	0.10	1		08/19/22 15:45		

Sample: GP-03 (7-8) **Lab ID: 40250087010** Collected: 08/18/22 11:50 Received: 08/18/22 15:27 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									
Surrogates									
Benzene	<16.2	ug/kg	27.3	16.2	1	08/19/22 07:00	08/22/22 10:21	71-43-2	
Ethylbenzene	<16.2	ug/kg	68.2	16.2	1	08/19/22 07:00	08/22/22 10:21	100-41-4	
Toluene	<17.2	ug/kg	68.2	17.2	1	08/19/22 07:00	08/22/22 10:21	108-88-3	
Xylene (Total)	<49.3	ug/kg	205	49.3	1	08/19/22 07:00	08/22/22 10:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	120	%	68-156		1	08/19/22 07:00	08/22/22 10:21	460-00-4	
Toluene-d8 (S)	114	%	69-153		1	08/19/22 07:00	08/22/22 10:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	113	%	71-161		1	08/19/22 07:00	08/22/22 10:21	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	15.4	%	0.10	0.10	1		08/19/22 15:45		

Sample: GP-04B (6-7) **Lab ID: 40250087011** Collected: 08/18/22 12:35 Received: 08/18/22 15:27 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	34.0	ug/kg	22.8	13.5	1	08/19/22 07:00	08/19/22 17:55	71-43-2	
Ethylbenzene	985	ug/kg	56.9	13.5	1	08/19/22 07:00	08/19/22 17:55	100-41-4	
Toluene	40.6J	ug/kg	56.9	14.3	1	08/19/22 07:00	08/19/22 17:55	108-88-3	
Xylene (Total)	1680	ug/kg	171	41.1	1	08/19/22 07:00	08/19/22 17:55	1330-20-7	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

Sample: GP-04B (6-7) **Lab ID: 40250087011** Collected: 08/18/22 12:35 Received: 08/18/22 15:27 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									
Surrogates									
4-Bromofluorobenzene (S)	114	%	68-156		1	08/19/22 07:00	08/19/22 17:55	460-00-4	
Toluene-d8 (S)	114	%	69-153		1	08/19/22 07:00	08/19/22 17:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	109	%	71-161		1	08/19/22 07:00	08/19/22 17:55	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	6.5	%	0.10	0.10	1		08/19/22 15:45		

Sample: GP-05 (2-3) **Lab ID: 40250087012** Collected: 08/18/22 12:40 Received: 08/18/22 15:27 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									
Surrogates									
Benzene	<14.7	ug/kg	24.7	14.7	1	08/19/22 07:00	08/22/22 10:01	71-43-2	
Ethylbenzene	<14.7	ug/kg	61.8	14.7	1	08/19/22 07:00	08/22/22 10:01	100-41-4	
Toluene	<15.6	ug/kg	61.8	15.6	1	08/19/22 07:00	08/22/22 10:01	108-88-3	
Xylene (Total)	<44.6	ug/kg	185	44.6	1	08/19/22 07:00	08/22/22 10:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	120	%	68-156		1	08/19/22 07:00	08/22/22 10:01	460-00-4	
Toluene-d8 (S)	113	%	69-153		1	08/19/22 07:00	08/22/22 10:01	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	114	%	71-161		1	08/19/22 07:00	08/22/22 10:01	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	10.5	%	0.10	0.10	1		08/19/22 15:45		

Sample: GP-05 (5-6) **Lab ID: 40250087013** Collected: 08/18/22 12:50 Received: 08/18/22 15:27 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	08/19/22 07:00	08/19/22 20:44	71-43-2	
Ethylbenzene	<16.7	ug/kg	70.0	16.7	1	08/19/22 07:00	08/19/22 20:44	100-41-4	
Toluene	<17.6	ug/kg	70.0	17.6	1	08/19/22 07:00	08/19/22 20:44	108-88-3	
Xylene (Total)	<50.5	ug/kg	210	50.5	1	08/19/22 07:00	08/19/22 20:44	1330-20-7	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-05 (5-6) **Lab ID: 40250087013** Collected: 08/18/22 12:50 Received: 08/18/22 15:27 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									
Surrogates									
4-Bromofluorobenzene (S)	126	%	68-156		1	08/19/22 07:00	08/19/22 20:44	460-00-4	
Toluene-d8 (S)	128	%	69-153		1	08/19/22 07:00	08/19/22 20:44	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	117	%	71-161		1	08/19/22 07:00	08/19/22 20:44	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	16.6	%	0.10	0.10	1		08/19/22 15:45		

Sample: GP-05 (7-8) **Lab ID: 40250087014** Collected: 08/18/22 12:45 Received: 08/18/22 15:27 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									
Surrogates									
Benzene	<16.9	ug/kg	28.4	16.9	1	08/19/22 07:00	08/19/22 21:04	71-43-2	
Ethylbenzene	<16.9	ug/kg	71.0	16.9	1	08/19/22 07:00	08/19/22 21:04	100-41-4	
Toluene	<17.9	ug/kg	71.0	17.9	1	08/19/22 07:00	08/19/22 21:04	108-88-3	
Xylene (Total)	<51.2	ug/kg	213	51.2	1	08/19/22 07:00	08/19/22 21:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	132	%	68-156		1	08/19/22 07:00	08/19/22 21:04	460-00-4	
Toluene-d8 (S)	128	%	69-153		1	08/19/22 07:00	08/19/22 21:04	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	123	%	71-161		1	08/19/22 07:00	08/19/22 21:04	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	17.3	%	0.10	0.10	1		08/19/22 15:10		

Sample: GP-06 (2-3) **Lab ID: 40250087015** Collected: 08/18/22 13:00 Received: 08/18/22 15:27 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	<14.6	ug/kg	24.6	14.6	1	08/19/22 07:00	08/19/22 13:12	71-43-2	
Ethylbenzene	<14.6	ug/kg	61.4	14.6	1	08/19/22 07:00	08/19/22 13:12	100-41-4	
Toluene	<15.5	ug/kg	61.4	15.5	1	08/19/22 07:00	08/19/22 13:12	108-88-3	
Xylene (Total)	<44.3	ug/kg	184	44.3	1	08/19/22 07:00	08/19/22 13:12	1330-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

Sample: GP-06 (2-3) **Lab ID: 40250087015** Collected: 08/18/22 13:00 Received: 08/18/22 15:27 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									
Surrogates									
4-Bromofluorobenzene (S)	126	%	68-156		1	08/19/22 07:00	08/19/22 13:12	460-00-4	
Toluene-d8 (S)	124	%	69-153		1	08/19/22 07:00	08/19/22 13:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	121	%	71-161		1	08/19/22 07:00	08/19/22 13:12	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	10.2	%	0.10	0.10	1		08/19/22 15:45		

Sample: GP-06 (5-6) **Lab ID: 40250087016** Collected: 08/18/22 13:10 Received: 08/18/22 15:27 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									
Surrogates									
Benzene	<15.2	ug/kg	25.5	15.2	1	08/19/22 07:00	08/19/22 21:25	71-43-2	
Ethylbenzene	<15.2	ug/kg	63.8	15.2	1	08/19/22 07:00	08/19/22 21:25	100-41-4	
Toluene	<16.1	ug/kg	63.8	16.1	1	08/19/22 07:00	08/19/22 21:25	108-88-3	
Xylene (Total)	<46.0	ug/kg	191	46.0	1	08/19/22 07:00	08/19/22 21:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	136	%	68-156		1	08/19/22 07:00	08/19/22 21:25	460-00-4	
Toluene-d8 (S)	133	%	69-153		1	08/19/22 07:00	08/19/22 21:25	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	127	%	71-161		1	08/19/22 07:00	08/19/22 21:25	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	12.1	%	0.10	0.10	1		08/19/22 15:46		

Sample: GP-06 (5-6)DUP **Lab ID: 40250087017** Collected: 08/18/22 13:10 Received: 08/18/22 15:27 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	<15.1	ug/kg	25.3	15.1	1	08/19/22 07:00	08/19/22 21:45	71-43-2	
Ethylbenzene	<15.1	ug/kg	63.3	15.1	1	08/19/22 07:00	08/19/22 21:45	100-41-4	
Toluene	<16.0	ug/kg	63.3	16.0	1	08/19/22 07:00	08/19/22 21:45	108-88-3	
Xylene (Total)	<45.7	ug/kg	190	45.7	1	08/19/22 07:00	08/19/22 21:45	1330-20-7	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-06 (5-6)DUP **Lab ID: 40250087017** Collected: 08/18/22 13:10 Received: 08/18/22 15:27 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									
Surrogates									
4-Bromofluorobenzene (S)	131	%	68-156		1	08/19/22 07:00	08/19/22 21:45	460-00-4	
Toluene-d8 (S)	124	%	69-153		1	08/19/22 07:00	08/19/22 21:45	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	120	%	71-161		1	08/19/22 07:00	08/19/22 21:45	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	11.8	%	0.10	0.10	1		08/19/22 15:46		

Sample: GP-06 (8-9) **Lab ID: 40250087018** Collected: 08/18/22 13:10 Received: 08/18/22 15:27 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									
Surrogates									
Benzene	<16.2	ug/kg	27.2	16.2	1	08/19/22 07:30	08/19/22 21:53	71-43-2	
Ethylbenzene	<16.2	ug/kg	67.9	16.2	1	08/19/22 07:30	08/19/22 21:53	100-41-4	
Toluene	<17.1	ug/kg	67.9	17.1	1	08/19/22 07:30	08/19/22 21:53	108-88-3	
Xylene (Total)	<49.0	ug/kg	204	49.0	1	08/19/22 07:30	08/19/22 21:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	115	%	68-156		1	08/19/22 07:30	08/19/22 21:53	460-00-4	
Toluene-d8 (S)	115	%	69-153		1	08/19/22 07:30	08/19/22 21:53	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	113	%	71-161		1	08/19/22 07:30	08/19/22 21:53	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	15.2	%	0.10	0.10	1		08/19/22 15:46		

Sample: GP-07 (2-3) **Lab ID: 40250087019** Collected: 08/18/22 13:20 Received: 08/18/22 15:27 Matrix: Solid
Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay									
Benzene	<14.5	ug/kg	24.3	14.5	1	08/19/22 07:30	08/19/22 22:10	71-43-2	
Ethylbenzene	<14.5	ug/kg	60.7	14.5	1	08/19/22 07:30	08/19/22 22:10	100-41-4	
Toluene	<15.3	ug/kg	60.7	15.3	1	08/19/22 07:30	08/19/22 22:10	108-88-3	
Xylene (Total)	<43.8	ug/kg	182	43.8	1	08/19/22 07:30	08/19/22 22:10	1330-20-7	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-07 (2-3) **Lab ID: 40250087019** Collected: 08/18/22 13:20 Received: 08/18/22 15:27 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									
Surrogates									
4-Bromofluorobenzene (S)	107	%	68-156		1	08/19/22 07:30	08/19/22 22:10	460-00-4	
Toluene-d8 (S)	108	%	69-153		1	08/19/22 07:30	08/19/22 22:10	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	104	%	71-161		1	08/19/22 07:30	08/19/22 22:10	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	9.7	%	0.10	0.10	1		08/19/22 15:46		

Sample: GP-07 (6-7) **Lab ID: 40250087020** Collected: 08/18/22 13:25 Received: 08/18/22 15:27 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									
Surrogates									
Benzene	<16.6	ug/kg	27.8	16.6	1	08/19/22 07:30	08/19/22 22:28	71-43-2	
Ethylbenzene	<16.6	ug/kg	69.6	16.6	1	08/19/22 07:30	08/19/22 22:28	100-41-4	
Toluene	<17.5	ug/kg	69.6	17.5	1	08/19/22 07:30	08/19/22 22:28	108-88-3	
Xylene (Total)	<50.2	ug/kg	209	50.2	1	08/19/22 07:30	08/19/22 22:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	120	%	68-156		1	08/19/22 07:30	08/19/22 22:28	460-00-4	
Toluene-d8 (S)	118	%	69-153		1	08/19/22 07:30	08/19/22 22:28	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	118	%	71-161		1	08/19/22 07:30	08/19/22 22:28	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	16.4	%	0.10	0.10	1		08/19/22 15:46		

Sample: GP-07 (8-9) **Lab ID: 40250087021** Collected: 08/18/22 13:25 Received: 08/18/22 15:27 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	27.2	16.2	1	08/19/22 07:30	08/19/22 22:45	71-43-2	
Ethylbenzene	<16.2	ug/kg	68.0	16.2	1	08/19/22 07:30	08/19/22 22:45	100-41-4	
Toluene	<17.1	ug/kg	68.0	17.1	1	08/19/22 07:30	08/19/22 22:45	108-88-3	
Xylene (Total)	<49.1	ug/kg	204	49.1	1	08/19/22 07:30	08/19/22 22:45	1330-20-7	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-07 (8-9) **Lab ID: 40250087021** Collected: 08/18/22 13:25 Received: 08/18/22 15:27 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									
Surrogates									
4-Bromofluorobenzene (S)	110	%	68-156		1	08/19/22 07:30	08/19/22 22:45	460-00-4	
Toluene-d8 (S)	112	%	69-153		1	08/19/22 07:30	08/19/22 22:45	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	110	%	71-161		1	08/19/22 07:30	08/19/22 22:45	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	15.2	%	0.10	0.10	1		08/19/22 15:46		

Sample: GP-04C (4-5) **Lab ID: 40250087022** Collected: 08/18/22 13:40 Received: 08/18/22 15:27 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									
Surrogates									
Benzene	< 16.9	ug/kg	28.4	16.9	1	08/19/22 07:30	08/19/22 23:02	71-43-2	
Ethylbenzene	< 16.9	ug/kg	71.1	16.9	1	08/19/22 07:30	08/19/22 23:02	100-41-4	
Toluene	< 17.9	ug/kg	71.1	17.9	1	08/19/22 07:30	08/19/22 23:02	108-88-3	
Xylene (Total)	< 51.3	ug/kg	213	51.3	1	08/19/22 07:30	08/19/22 23:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	112	%	68-156		1	08/19/22 07:30	08/19/22 23:02	460-00-4	
Toluene-d8 (S)	116	%	69-153		1	08/19/22 07:30	08/19/22 23:02	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	109	%	71-161		1	08/19/22 07:30	08/19/22 23:02	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	17.4	%	0.10	0.10	1		08/19/22 15:46		

Sample: GP-04C (7-8) **Lab ID: 40250087023** Collected: 08/18/22 13:45 Received: 08/18/22 15:27 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	26.8	15.9	1	08/19/22 07:30	08/19/22 23:19	71-43-2	
Ethylbenzene	< 15.9	ug/kg	67.0	15.9	1	08/19/22 07:30	08/19/22 23:19	100-41-4	
Toluene	< 16.9	ug/kg	67.0	16.9	1	08/19/22 07:30	08/19/22 23:19	108-88-3	
Xylene (Total)	< 48.4	ug/kg	201	48.4	1	08/19/22 07:30	08/19/22 23:19	1330-20-7	

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

Sample: GP-04C (7-8) **Lab ID: 40250087023** Collected: 08/18/22 13:45 Received: 08/18/22 15:27 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									
Surrogates									
4-Bromofluorobenzene (S)	108	%	68-156		1	08/19/22 07:30	08/19/22 23:19	460-00-4	
Toluene-d8 (S)	109	%	69-153		1	08/19/22 07:30	08/19/22 23:19	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	110	%	71-161		1	08/19/22 07:30	08/19/22 23:19	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	14.5	%	0.10	0.10	1		08/22/22 09:29		

Sample: MEOH BLANK **Lab ID: 40250087024** Collected: 08/18/22 00:00 Received: 08/18/22 15:27 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	08/19/22 07:30	08/19/22 18:27	71-43-2	
Ethylbenzene	<11.9	ug/kg	50.0	11.9	1	08/19/22 07:30	08/19/22 18:27	100-41-4	
Toluene	<12.6	ug/kg	50.0	12.6	1	08/19/22 07:30	08/19/22 18:27	108-88-3	
Xylene (Total)	<36.1	ug/kg	150	36.1	1	08/19/22 07:30	08/19/22 18:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	68-156		1	08/19/22 07:30	08/19/22 18:27	460-00-4	
Toluene-d8 (S)	91	%	69-153		1	08/19/22 07:30	08/19/22 18:27	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	91	%	71-161		1	08/19/22 07:30	08/19/22 18:27	2199-69-1	

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QUALITY CONTROL DATA

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250087

QC Batch: 423879 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: 40250087001, 40250087002, 40250087003, 40250087004, 40250087005, 40250087006, 40250087007, 40250087008, 40250087009, 40250087010, 40250087011, 40250087012, 40250087013, 40250087014, 40250087015, 40250087016, 40250087017

METHOD BLANK: 2441222 Matrix: Solid
Associated Lab Samples: 40250087001, 40250087002, 40250087003, 40250087004, 40250087005, 40250087006, 40250087007, 40250087008, 40250087009, 40250087010, 40250087011, 40250087012, 40250087013, 40250087014, 40250087015, 40250087016, 40250087017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	<11.9	20.0	08/19/22 10:50	
Ethylbenzene	ug/kg	<11.9	50.0	08/19/22 10:50	
Toluene	ug/kg	<12.6	50.0	08/19/22 10:50	
Xylene (Total)	ug/kg	<36.1	150	08/19/22 10:50	
1,2-Dichlorobenzene-d4 (S)	%	94	71-161	08/19/22 10:50	
4-Bromofluorobenzene (S)	%	101	68-156	08/19/22 10:50	
Toluene-d8 (S)	%	99	69-153	08/19/22 10:50	

LABORATORY CONTROL SAMPLE: 2441223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2630	105	70-130	
Ethylbenzene	ug/kg	2500	2590	103	80-120	
Toluene	ug/kg	2500	2600	104	80-120	
Xylene (Total)	ug/kg	7500	7770	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			103	71-161	
4-Bromofluorobenzene (S)	%			111	68-156	
Toluene-d8 (S)	%			109	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2441224 2441225

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40250087015 Result	MS Spike Conc.	MSD Spike Conc.	MSD Result							
Benzene	ug/kg	<14.6	1230	1230	1260	1240	102	101	70-130	1	20	
Ethylbenzene	ug/kg	<14.6	1230	1230	1220	1200	99	97	80-120	2	20	
Toluene	ug/kg	<15.5	1230	1230	1250	1200	102	98	79-120	4	20	
Xylene (Total)	ug/kg	<44.3	3690	3690	3610	3550	98	96	70-130	2	20	
1,2-Dichlorobenzene-d4 (S)	%						119	118	71-161			
4-Bromofluorobenzene (S)	%						127	128	68-156			
Toluene-d8 (S)	%						125	125	69-153			

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: CHE8094 WPS GB DOB
Pace Project No.: 40250087

QC Batch: 423882 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: 40250087018, 40250087019, 40250087020, 40250087021, 40250087022, 40250087023, 40250087024

METHOD BLANK: 2441226 Matrix: Solid
Associated Lab Samples: 40250087018, 40250087019, 40250087020, 40250087021, 40250087022, 40250087023, 40250087024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	<11.9	20.0	08/19/22 17:01	
Ethylbenzene	ug/kg	<11.9	50.0	08/19/22 17:01	
Toluene	ug/kg	<12.6	50.0	08/19/22 17:01	
Xylene (Total)	ug/kg	<36.1	150	08/19/22 17:01	
1,2-Dichlorobenzene-d4 (S)	%	93	71-161	08/19/22 17:01	
4-Bromofluorobenzene (S)	%	94	68-156	08/19/22 17:01	
Toluene-d8 (S)	%	97	69-153	08/19/22 17:01	

LABORATORY CONTROL SAMPLE: 2441227

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2610	104	70-130	
Ethylbenzene	ug/kg	2500	2680	107	80-120	
Toluene	ug/kg	2500	2730	109	80-120	
Xylene (Total)	ug/kg	7500	8170	109	70-130	
1,2-Dichlorobenzene-d4 (S)	%			96	71-161	
4-Bromofluorobenzene (S)	%			105	68-156	
Toluene-d8 (S)	%			103	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2441228 2441229

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40249899002 Result	Spike Conc.	Spike Conc.	Result						
Benzene	ug/kg	<12.8	1080	1080	1080	1040	100	97	70-130	4	20
Ethylbenzene	ug/kg	<12.8	1080	1080	1050	1010	98	94	80-120	4	20
Toluene	ug/kg	<13.5	1080	1080	1120	1060	104	99	79-120	5	20
Xylene (Total)	ug/kg	<38.8	3230	3230	3210	3090	100	96	70-130	4	20
1,2-Dichlorobenzene-d4 (S)	%						105	102	71-161		
4-Bromofluorobenzene (S)	%						113	114	68-156		
Toluene-d8 (S)	%						111	109	69-153		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

QC Batch: 423933

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: 40250087001, 40250087002, 40250087003

SAMPLE DUPLICATE: 2441533

Parameter	Units	40250087002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.2	14.7	3	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

QC Batch:	423957	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: 40250087004, 40250087005, 40250087006, 40250087014

SAMPLE DUPLICATE: 2441765

Parameter	Units	40250087014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.3	18.0	4	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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QUALITY CONTROL DATA

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

QC Batch: 423962

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: 40250087007, 40250087008, 40250087009, 40250087010, 40250087011, 40250087012, 40250087013, 40250087015, 40250087016, 40250087017, 40250087018, 40250087019, 40250087020, 40250087021, 40250087022

SAMPLE DUPLICATE: 2441784

Parameter	Units	40250087018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.2	14.5	5	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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QUALITY CONTROL DATA

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

QC Batch: 424017

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: 40250087023

SAMPLE DUPLICATE: 2442180

Parameter	Units	40250174001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	3.9	3.7	5	10	

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QUALIFIERS

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

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: CHE8094 WPS GB DOB

Pace Project No.: 40250087

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250087001	GP-01 (4-5)	EPA 5035/5030B	423879	EPA 8260	423881
40250087002	GP-01 (7-8)	EPA 5035/5030B	423879	EPA 8260	423881
40250087003	GP-01 (10-11)	EPA 5035/5030B	423879	EPA 8260	423881
40250087004	GP-02 (3-4)	EPA 5035/5030B	423879	EPA 8260	423881
40250087005	GP-02 (5-6)	EPA 5035/5030B	423879	EPA 8260	423881
40250087006	GP-02 (11-12)	EPA 5035/5030B	423879	EPA 8260	423881
40250087007	GP-03 (4-5)	EPA 5035/5030B	423879	EPA 8260	423881
40250087008	GP-03 (4-5) DCP	EPA 5035/5030B	423879	EPA 8260	423881
40250087009	GP-03 (5-6)	EPA 5035/5030B	423879	EPA 8260	423881
40250087010	GP-03 (7-8)	EPA 5035/5030B	423879	EPA 8260	423881
40250087011	GP-04B (6-7)	EPA 5035/5030B	423879	EPA 8260	423881
40250087012	GP-05 (2-3)	EPA 5035/5030B	423879	EPA 8260	423881
40250087013	GP-05 (5-6)	EPA 5035/5030B	423879	EPA 8260	423881
40250087014	GP-05 (7-8)	EPA 5035/5030B	423879	EPA 8260	423881
40250087015	GP-06 (2-3)	EPA 5035/5030B	423879	EPA 8260	423881
40250087016	GP-06 (5-6)	EPA 5035/5030B	423879	EPA 8260	423881
40250087017	GP-06 (5-6)DUP	EPA 5035/5030B	423879	EPA 8260	423881
40250087018	GP-06 (8-9)	EPA 5035/5030B	423882	EPA 8260	423884
40250087019	GP-07 (2-3)	EPA 5035/5030B	423882	EPA 8260	423884
40250087020	GP-07 (6-7)	EPA 5035/5030B	423882	EPA 8260	423884
40250087021	GP-07 (8-9)	EPA 5035/5030B	423882	EPA 8260	423884
40250087022	GP-04C (4-5)	EPA 5035/5030B	423882	EPA 8260	423884
40250087023	GP-04C (7-8)	EPA 5035/5030B	423882	EPA 8260	423884
40250087024	MEOH BLANK	EPA 5035/5030B	423882	EPA 8260	423884
40250087001	GP-01 (4-5)	ASTM D2974-87	423933		
40250087002	GP-01 (7-8)	ASTM D2974-87	423933		
40250087003	GP-01 (10-11)	ASTM D2974-87	423933		
40250087004	GP-02 (3-4)	ASTM D2974-87	423957		
40250087005	GP-02 (5-6)	ASTM D2974-87	423957		
40250087006	GP-02 (11-12)	ASTM D2974-87	423957		
40250087007	GP-03 (4-5)	ASTM D2974-87	423962		
40250087008	GP-03 (4-5) DCP	ASTM D2974-87	423962		
40250087009	GP-03 (5-6)	ASTM D2974-87	423962		
40250087010	GP-03 (7-8)	ASTM D2974-87	423962		
40250087011	GP-04B (6-7)	ASTM D2974-87	423962		
40250087012	GP-05 (2-3)	ASTM D2974-87	423962		
40250087013	GP-05 (5-6)	ASTM D2974-87	423962		
40250087014	GP-05 (7-8)	ASTM D2974-87	423957		
40250087015	GP-06 (2-3)	ASTM D2974-87	423962		
40250087016	GP-06 (5-6)	ASTM D2974-87	423962		
40250087017	GP-06 (5-6)DUP	ASTM D2974-87	423962		
40250087018	GP-06 (8-9)	ASTM D2974-87	423962		
40250087019	GP-07 (2-3)	ASTM D2974-87	423962		
40250087020	GP-07 (6-7)	ASTM D2974-87	423962		
40250087021	GP-07 (8-9)	ASTM D2974-87	423962		
40250087022	GP-04C (4-5)	ASTM D2974-87	423962		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250087

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250087023	GP-04C (7-8)	ASTM D2974-87	424017		

REPORT OF LABORATORY ANALYSIS

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

40250087

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: Geosyntec Consultants		Billing Information:	
Address: 10600 N. Port Washington Road, Suite 100		WEC Energy Group - Business Services Frank Dombrowski	
Report To: Jeremiah Johnson		Email To: frank.dombrowski@wecenergygroup.com	
Copy To: --		Site Collection Info/Address: --	

Container Preservative Type **	Lab Project Manager:
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	

Customer Project Name/Number: WPS GB DOB / CHE8094		State: County/City: Time Zone Collected: WI / [] PT [] MT [] CT [] ET	
Phone: 414-322-1164	Site/Facility ID #: --	Compliance Monitoring? [] Yes [X] No	
Email: jjohnson@geosyntec.com		DW PWS ID #: DW Location Code:	
Collected By (print): Dave Zolp	Purchase Order #: Quote #:	Immediately Packed on Ice: [X] Yes [] No	
Collected By (signature):	Turnaround Date Required:	Field Filtered (if applicable): [] Yes [] No	
Sample Disposal: [X] Dispose as appropriate [] Return [] Archive: [] Hold:	Rush: (Expedite Charges Apply) [] Same Day [] Next Day [X] 2 Day [] 3 Day [] 4 Day [] 5 Day	Analysis: _____	

Analyses										Lab Profile/Line:	
Container Type: Plastic (P) or Glass (G)	BTEX										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:

* 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	Container Type	BTEX
			Date	Time	Date	Time				
GP-01 (4-5)	SL	Grab	8/18/22	1055				2	G,P	X
GP-01 (7-8)	SL	Grab	8/18/22	1100				2	G,P	X
GP-01 (10-11)	SL	Grab	8/18/22	1107				2	G,P	X
GP-02 (3-4)	SL	Grab	8/18/22	1115				2	G,P	X
GP-02 (5-6)	SL	Grab	8/18/22	1125				2	G,P	X
GP-02 (11-12)	SL	Grab	8/18/22	1125				2	G,P	X
GP-03 (4-5)	SL	Grab	8/18/22	1140				2	G,P	X
GP-03 (4-5) DCP	SL	Grab	8/18/22	1140				2	G,P	X
GP-03 (5-6)	SL	Grab	8/18/22	1145				2	G,P	X
GP-03 (7-8)	SL	Grab	8/18/22	1150				2	G,P	X

001
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008
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010

Customer Remarks / Special Conditions / Possible Hazards: expedited TAT requested (8/22)	Type of Ice Used: Wet Blue Dry None	SHORT HOLDS PRESENT (<72 hours): Y N N/A
	Packing Material Used:	Lab Tracking #:
	Radchem sample(s) screened (<500 cpm): Y N NA	Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info: Temp Blank Received: Y N NA Therm ID#: 98 Cooler 1 Temp Upon Receipt: 4°C Cooler 1 Therm Corr. Factor: 0°C Cooler 1 Corrected Temp: 4°C Comments:	
--	--

Relinquished by/Company: (Signature)	Date/Time: 8/18/22 1527	Received by/Company: (Signature) pace	Date/Time: 8/18/22 1527
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
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:	
Non Conformance(s): YES / NO	Page: _____ of: Page 27 of 32



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40250087

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Company: Geosyntec Consultants	Billing Information: WEC Energy Group - Business Services Frank Dombrowski
Address: 10600 N. Port Washington Road, Suite 100	
Report To: Jeremiah Johnson	Email To: frank.dombrowski@wecenergygroup.com
Copy To: --	Site Collection Info/Address: --

Container Preservative Type **	Lab Project Manager:
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	

Customer Project Name/Number: WPS GB DOB / CHE8094	State: WI / County/City: / Time Zone Collected: [] PT [] MT [] CT [] ET
Phone: 414-322-1164 Email: jjjohnson@geosyntec.com	Site/Facility ID #: -- Compliance Monitoring? [] Yes [X] No
Collected By (print): Dave Zolp	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [X] Yes [] No
Sample Disposal: [X] Dispose as appropriate [] Return [] Archive: _____ [] Hold: _____	Rush: (Expedite Charges Apply) [] Same Day [] Next Day [X] 2 Day [] 3 Day [] 4 Day [] 5 Day Field Filtered (if applicable): [] Yes [] No Analysis: _____

Analyses										Lab Profile/Line:		
Container Type: Plastic (P) or Glass (G)	BTEX										Lab Sample Receipt Checklist: Custody Beals 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: Y N NA Sample pH Acceptable Y N NA pH Strips: Y N NA Sulfide Present Y N NA Lead Acetate Strips: Y N NA	
												LAB USE ONLY: Lab Sample # / Comments:
												01
												012
												013
												014
												015
												016
												017
												018
										019		
										020		

* 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	Container Type: Plastic (P) or Glass (G)	BTEX
			Date	Time	Date	Time				
GP-04B(6-7)	SL	Grab	8/18/22	1235				2	G,P	X
GP-05(2-3)	SL	Grab	8/18/22	1240				2	G,P	X
GP-05(5-6)	SL	Grab	8/18/22	1250				2	G,P	X
GP-05(7-8)	SL	Grab	8/18/22	1245				2	G,P	X
GP-06(2-3)	SL	Grab	8/18/22	1300				2	G,P	X
GP-06(5-6)	SL	Grab	8/18/22	1310				2	G,P	X
GP-06(5-6)PCP	SL	Grab	8/18/22	1310				2	G,P	X
GP-06(8-9)	SL	Grab	8/18/22	1310				2	G,P	X
GP-07(2-3)	SL	Grab	8/18/22	1320				2	G,P	X
GP-07(6-7)	SL	Grab	8/18/22	1325				2	G,P	X

Customer Remarks / Special Conditions / Possible Hazards: expedited TAT requested (8/22)	Type of Ice Used: Wet Blue Dry None	SHORT HOLDS PRESENT (<72 hours): Y N N/A
	Packing Material Used:	Lab Tracking #:
	Radchem sample(s) screened (<500 cpm): Y N NA	Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info: Temp Blank Received: Y N NA Therm ID#: 78 Cooler 1 Temp Upon Receipt: 4°C Cooler 1 Therm Corr. Factor: 0°C Cooler 1 Corrected Temp: 4°C Comments:
--

Relinquished by/Company: (Signature)	Date/Time: 8/18/22, 1527	Received by/Company: (Signature) pace	Date/Time: 8/18/22 1527
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY	Trip Blank Received: Y N NA HCL MeOH TSP Other
Table #:	Non Conformance(s): YES / NO
Acctnum: Template: Prelogin: PM: PB:	Page: _____ of: _____



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

40250087

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Company: Geosyntec Consultants	Billing Information:
Address: 10600 N. Port Washington Road, Suite 100	WEC Energy Group - Business Services Frank Dombrowski
Report To: Jeremiah Johnson	Email To: frank.dombrowski@wecenergygroup.com
Copy To: --	Site CollectionInfo/Address: --

Customer Project Name/Number: WPS GB DOB / CHE8094	State: WI / County/City: / Time Zone Collected: [] PT [] MT [] CT [] ET
Phone: 414-322-1164 Email: jjjohnson@geosyntec.com	Site/Facility ID #: -- Compliance Monitoring? [] Yes [X] No
Collected By (print): Dave Zolp	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [X] Yes [] No
Sample Disposal: [X] Dispose as appropriate [] Return [] Archive: [] Hold:	Rush: (Expedite Charges Apply) [] Same Day [] Next Day [X] 2 Day [] 3 Day [] 4 Day [] 5 Day 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	Container Type: Plastic (P) or Glass (G)
			Date	Time	Date	Time			
GP-07(3-9)	SL	Grab	8/18/22	1325				2	G,P X
GP-07(3-9)	SL	Grab	8/18/22					2	G,P X
GP-04C(4-5)	SL	Grab	8/18/22	1340				2	G,P X
GP-04C(7-8)	SL	Grab	8/18/22	1345				2	G,P X
MeOH Blank	SL	Grab	8/18/22					2	G,P X
	SL	Grab	8/18/22					2	G,P X
	SL	Grab	8/18/22					2	G,P X
	SL	Grab	8/18/22					2	G,P X
	SL	Grab	8/18/22					2	G,P X

Container Preservative Type **	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

Analyses									
BTEX									

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
Sample 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: Y N NA
Sample pH Acceptable Y N NA
pH Strips: Y N NA
Sulfide Present Y N NA
Lead Acetate Strips: Y N NA

Customer Remarks / Special Conditions / Possible Hazards: expedited TAT requested (8/22)	Type of Ice Used: Wet Blue Dry None	SHORT HOLDS PRESENT (<72 hours): Y N N/A
	Packing Material Used:	Lab Tracking #:
	Radchem sample(s) screened (<500 cpm): Y N NA	Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 98
Cooler 1 Temp Upon Receipt: 46C
Cooler 1 Therm Corr. Factor: 0.0C
Cooler 1 Corrected Temp: 4.0C
Comments:

Relinquished by/Company: (Signature)	Date/Time: 8/18/22 1527	Received by/Company: (Signature) pace	Date/Time: 8/18/22 1527
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
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
Non Conformance(s):	Page: _____
YES / NO	of: _____ Page 29 of 32

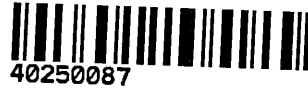
Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: Geosyntec

WO#: **40250087**

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 - 98 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 4 /Corr: 4

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: 8/18/22 /Initials: NK
 Labeled By Initials: AL

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>pg.#s</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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI 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.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
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. <u>001 "GP-01 (3-4)"</u>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>006: "1128" 8/18/22 AL</u> <u>8/18/22 NK</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>1230</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

August 22, 2022

Jeremiah Johnson
GEOSYNTEC CONSULTANTS
10600 North Port Washington Rd
Suite 100
Thiensville, WI 53092

RE: Project: CHE8094 WPS GB DOB
Pace Project No.: 40250088

Dear Jeremiah Johnson:

Enclosed are the analytical results for sample(s) received by the laboratory on August 18, 2022. 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: Frank Dombrowski, WE Energies
Beth Hellman, WE Energies
Codyann Kolp, Geosyntec Consultants
WE Energies Lab Reports, WE Energies



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250088

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: CHE8094 WPS GB DOB

Pace Project No.: 40250088

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40250088001	WP-01	Solid	08/18/22 13:50	08/18/22 15:27

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250088

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40250088001	WP-01	WI MOD GRO	ALD	1
		ASTM D2974-87	PDV	1

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250088

Sample: WP-01 **Lab ID: 40250088001** Collected: 08/18/22 13:50 Received: 08/18/22 15:27 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
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. Pace Analytical Services - Green Bay								
Gasoline Range Organics	23.4	mg/kg	3.0	1.5	1	08/19/22 09:15	08/19/22 12:06		G-
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	15.8	%	0.10	0.10	1		08/19/22 15:46		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CHE8094 WPS GB DOB
Pace Project No.: 40250088

QC Batch: 423888	Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext.	Analysis Description: WIGRO Solid GCV
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40250088001

METHOD BLANK: 2441242 Matrix: Solid
Associated Lab Samples: 40250088001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	<1.2	2.5	08/19/22 10:49	
a,a,a-Trifluorotoluene (S)	%	100	80-120	08/19/22 10:49	

Parameter	Units	2441244					% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec				
Gasoline Range Organics	mg/kg	10	8.9	9.8	89	98	80-120	10	20	
a,a,a-Trifluorotoluene (S)	%				101	103	80-120			

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: CHE8094 WPS GB DOB

Pace Project No.: 40250088

QC Batch: 423962

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: 40250088001

SAMPLE DUPLICATE: 2441784

Parameter	Units	40250087018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.2	14.5	5	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: CHE8094 WPS GB DOB

Pace Project No.: 40250088

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

G- Early peaks present outside the GRO window.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CHE8094 WPS GB DOB

Pace Project No.: 40250088

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250088001	WP-01	TPH GRO/PVOC WI ext.	423888	WI MOD GRO	423915
40250088001	WP-01	ASTM D2974-87	423962		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>
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

40250088

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: Geosyntec Consultants	Billing Information: WEC Energy Group - Business Services Frank Dombrowski		
Address: 10600 N. Port Washington Road, Suite 100	Email To: frank.dombrowski@wecenergygroup.com		
Report To: Jeremiah Johnson	Site Collection Info/Address: --		
Copy To: --			

Container Preservative Type **	Lab Project Manager:
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	

Customer Project Name/Number: WPS GB DOB / CHE8094	State: WI /	County/City: /	Time Zone Collected: [] PT [] MT [] CT [] ET
Phone: 414-322-1164 Email: jpjohnson@geosyntec.com	Site/Facility ID #: --	Compliance Monitoring? [] Yes [X] No	
Collected By (print): Dave Zolp	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:	
Collected By (signature):	Turnaround Date Required:	Immediately Packed on Ice: [X] Yes [] No	
Sample Disposal: [X] Dispose as appropriate [] Return [] Archive: [] Hold:	Rush: (Expedite Charges Apply) [] Same Day [] Next Day [X] 2 Day [] 3 Day [] 4 Day [] 5 Day	Field Filtered (if applicable): [] Yes [] No Analysis: _____	

Analyses										Lab Profile/Line:
										Lab Sample Receipt Checklist: Custody Beals 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: Y N NA Sample pH Acceptable Y N NA pH Strips: Y N NA Sulfide Present Y N NA Lead Acetate Strips: Y N NA
										LAB USE ONLY: Lab Sample # / Comments: 001

* 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	Container Type: Plastic (P) or Glass (G)
			Date	Time	Date	Time			
WP-01	SL	Comp	8/18/22	1350				2	G,P X

Customer Remarks / Special Conditions / Possible Hazards: expedited TAT requested (8/22)	Type of Ice Used: Wet Blue Dry None	SHORT HOLDS PRESENT (<72 hours): Y N N/A
	Packing Material Used:	Lab Tracking #:
	Radchem sample(s) screened (<500 cpm): Y N NA	Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info: Temp Blank Received: Y N NA Therm ID#: 98 Cooler 1 Temp Upon Receipt: 4°C Cooler 1 Therm Corr. Factor: 0.0 Cooler 1 Corrected Temp: 4.0°C Comments:
--

Relinquished by/Company: (Signature) <i>[Signature]</i>	Date/Time: 8/18/22 1527	Received by/Company: (Signature) <i>[Signature]</i>	Date/Time: 8/18/22 1527
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
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 Non Conformance(s): YES / NO Page: _____ of: _____ Page 10 of 12
---	---

Effective Date: 8/16/2022

Client Name: Geosyntec

Sample Preservation Receipt Form
Project # 40250088

All containers needing preservation have been checked and noted below:

Yes No N/A

Lab Lot# of pH paper:

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

Initial when completed:

Date/Time:

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	AG5U	AG2S	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WG9U	WPFU	SP5T								ZPLC	GN 1	GN 2		
001																																			2.5 / 5
002																																			2.5 / 5
003																																			2.5 / 5
004																																			2.5 / 5
005																																			2.5 / 5
006																																			2.5 / 5
007																																			2.5 / 5
008																																			2.5 / 5
009																																			2.5 / 5
010																																			2.5 / 5
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015																																			2.5 / 5
016																																			2.5 / 5
017																																			2.5 / 5
018																																			2.5 / 5
019																																			2.5 / 5
020																																			2.5 / 5

8/18/22 MK

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	VG9C	40 mL clear ascorbic w/ HCl	JG9U	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	WG9U	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
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

WO#: 40250088



40250088

Client Name: Greasyntec

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 - 98 Type of Ice: Wet Blue Dry None Meltwater Only
 Cooler Temperature Uncorr: 4 /Corr: 4

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: 8/18/22 /Initials: NJK
 Labeled By Initials: MP

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>pg #</u> , <u>8/18/22 NJK</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & <u>Signature on</u> COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI 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.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

Page 2 of 2

August 31, 2022

Dave Zolp
GEOSYNTEC CONSULTANTS
10600 North Port Washington Rd
Suite 100
Thiensville, WI 53092

RE: Project: WPS-DIVISION BLDG TANK CHE8094
Pace Project No.: 40250575

Dear Dave Zolp:

Enclosed are the analytical results for sample(s) received by the laboratory on August 29, 2022. 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: Erin Ganzenmuller, WEC
Jeff Menter, WEC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WPS-DIVISION BLDG TANK CHE8094

Pace Project No.: 40250575

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: WPS-DIVISION BLDG TANK CHE8094

Pace Project No.: 40250575

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40250575001	HA-1 (3-4)	Solid	08/29/22 15:30	08/29/22 17:00
40250575002	HA-2 (4-5)	Solid	08/29/22 16:30	08/29/22 17:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: WPS-DIVISION BLDG TANK CHE8094

Pace Project No.: 40250575

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40250575001	HA-1 (3-4)	EPA 6010D	TXW	1	PASI-G
40250575002	HA-2 (4-5)	EPA 6010D	TXW	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WPS-DIVISION BLDG TANK CHE8094

Pace Project No.: 40250575

Sample: HA-1 (3-4) **Lab ID: 40250575001** Collected: 08/29/22 15:30 Received: 08/29/22 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP, TCLP									
Analytical Method: EPA 6010D Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 08/30/22 14:12									
Pace Analytical Services - Green Bay									
Lead	0.057	mg/L	0.020	0.0059	1	08/31/22 09:55	08/31/22 11:31	7439-92-1	

Sample: HA-2 (4-5) **Lab ID: 40250575002** Collected: 08/29/22 16:30 Received: 08/29/22 17:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP, TCLP									
Analytical Method: EPA 6010D Preparation Method: EPA 3015A									
Leachate Method/Date: EPA 1311; 08/30/22 14:12									
Pace Analytical Services - Green Bay									
Lead	0.057	mg/L	0.020	0.0059	1	08/31/22 09:55	08/31/22 11:41	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WPS-DIVISION BLDG TANK CHE8094
Pace Project No.: 40250575

QC Batch: 424853	Analysis Method: EPA 6010D
QC Batch Method: EPA 3015A	Analysis Description: 6010D MET TCLP
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40250575001, 40250575002

METHOD BLANK: 2446613 Matrix: Water

Associated Lab Samples: 40250575001, 40250575002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0059	0.020	08/31/22 11:26	

METHOD BLANK: 2446030 Matrix: Solid

Associated Lab Samples: 40250575001, 40250575002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0059	0.020	08/31/22 11:48	

LABORATORY CONTROL SAMPLE: 2446614

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.28	0.29	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2446615 2446616

Parameter	Units	2446615		2446616		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Lead	mg/L	0.057	0.28	0.33	0.33	99	98	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WPS-DIVISION BLDG TANK CHE8094

Pace Project No.: 40250575

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: WPS-DIVISION BLDG TANK CHE8094
Pace Project No.: 40250575

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250575001	HA-1 (3-4)	EPA 3015A	424853	EPA 6010D	424861
40250575002	HA-2 (4-5)	EPA 3015A	424853	EPA 6010D	424861

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: Geosyntec

WO#: **40250575**

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 - 98 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 3.5 / Corr: 3.5

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 8/29/22 / Initials: NK
 Labeled By Initials: MTT

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>pg. #</u> , <u>8/29/22 NK</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.
- DI 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.
Correct Type: <u>Pace Green Bay</u> Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

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

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir
 Page 2 of 2

ATTACHMENT 5

Tables

Table 1 - Summary of Supplemental Soil Sampling Results
Table 2 - Summary of Confirmation Soil Sampling Results

TABLE 1
Summary of Supplemental Soil Sampling Results
Wisconsin Public Service
700 N. Adams Street
Green Bay, Wisconsin

Soil Boring	GP-01			GP-02			GP-03				WDNR Residual Contaminant Level (RCL)		
Soil Sample ID (depth)	GP-01 (4-5)	GP-01 (7-8)	GP-01 (10-11)	GP-02 (3-4)	GP-02 (5-6)	GP-02 (11-12)	GP-03 (4-5)	GP-03 (4-5) DUP	GP-03 (5-6)	GP-03 (7-8)	Direct Contact		Groundwater Protection
Collection Date	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	Non-Industrial	Industrial	
PID	12.3	9.0	0	96	41	0	3.1	3.1	32.8	0			
Analytical Results (µg/kg)													
Benzene	< 18.0	< 15.8	< 16.8	< 22.2	189	< 16.7	< 19.3	< 16.6	376	< 16.2	1,600	7,070	5.1
Ethylbenzene	< 18.0	< 15.8	< 16.8	< 22.2	72.8 J	< 16.7	< 19.3	< 16.6	503	< 16.2	8,200	35,400	1,570
Toluene	30.2 J	< 16.8	< 17.7	< 23.5	99.6	< 17.7	24.0 J	< 17.6	102 J	< 17.2	818,000	818,000	1,107.2
Xylene (Total)	< 54.8	< 48.0	< 50.8	< 67.4	1290	< 50.6	69.5 J	62.1 J	2600	< 49.3	260,000	260,000	3,960

Soil Boring	GP-04B	GP-04C		GP-05			GP-06				WDNR Residual Contaminant Level (RCL)		
Soil Sample ID (depth)	GP-04B (6-7)	GP-04C (4-5)	GP-04C (7-8)	GP-05 (2-3)	GP-05 (5-6)	GP-05 (7-8)	GP-06 (2-3)	GP-06 (5-6)	GP-06 (5-6)DUP	GP-06 (8-9)	Direct Contact		Groundwater Protection
Collection Date	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	8/18/2022	Non-Industrial	Industrial	
PID	54	0.4	0	0	0	0	2.3	0	0	0			
Analytical Results (µg/kg)													
Benzene	34.0	< 16.9	< 15.9	< 14.7	< 16.7	< 16.9	< 14.6	< 15.2	< 15.1	< 16.2	1,600	7,070	5.1
Ethylbenzene	985	< 16.9	< 15.9	< 14.7	< 16.7	< 16.9	< 14.6	< 15.2	< 15.1	< 16.2	8,200	35,400	1,570
Toluene	40.6 J	< 17.9	< 16.9	< 15.6	< 17.6	< 17.9	< 15.5	< 16.1	< 16.0	< 17.1	818,000	818,000	1,107.2
Xylene (Total)	1680	< 51.3	< 48.4	< 44.6	< 50.5	< 51.2	< 44.3	< 46.0	< 45.7	< 49.0	260,000	260,000	3,960

Soil Boring	GP-07			WDNR Residual Contaminant Level (RCL)		
Soil Sample ID (depth)	GP-07 (2-3)	GP-07 (6-7)	GP-07 (8-9)	Direct Contact		Groundwater Protection
Collection Date	8/18/2022	8/18/2022	8/18/2022	Non-Industrial	Industrial	
PID	1.5	0	0			
Analytical Results (µg/kg)						
Benzene	< 14.5	< 16.6	< 16.2	1,600	7,070	5.1
Ethylbenzene	< 14.5	< 16.6	< 16.2	8,200	35,400	1,570
Toluene	< 15.3	< 17.5	< 17.1	818,000	818,000	1,107.2
Xylene (Total)	< 43.8	< 50.2	< 49.1	260,000	260,000	3,960

Notes:
bold + boxed - concentration greater than WDNR groundwater protection RCL
depth - feet below ground surface
DF - dilution factor
J - estimated concentration at or above the limit of detection and below the limit of quantitation
PID - photoionization detector
µg/kg - micrograms per kilogram
WDNR - Wisconsin Department of Natural Resources

TABLE 2
Summary of Confirmation Soil Sampling Results
Wisconsin Public Service
700 N. Adams Street
Green Bay, Wisconsin

Soil Sample ID	CS-1	CS-2	CS-3	CS-4	CS-5	CS-6	CS-7	CS-8	CS-9	CS-10	CS-11	WDNR Residual Contaminant Level (RCL)		
Soil Sample Depth	4	4	8	8	9	12	6	5	5	5	6	Direct Contact		Groundwater Protection
Type	sidewall	sidewall	base	base	base	base	sidewall	sidewall	sidewall	sidewall	sidewall	Non-Industrial	Industrial	
Collection Date	9/6/2022	9/6/2022	9/6/2022	9/7/2022	9/7/2022	9/8/2022	9/8/2022	9/8/2022	9/8/2022	9/8/2022	9/8/2022			
PID	0	0.0	0	0	0.4	0	0	23	0.1	2.6	0.3			
Analytical Results (µg/kg)														
Benzene	< 17.9	< 16.1	< 15.4	< 16.9	< 16.2	< 17.2	< 16.8	< 15.0	< 17.8	< 17.8	< 17.1	1,600	7,070	5.1
Ethylbenzene	< 17.9	< 16.1	< 15.4	< 16.9	< 16.2	< 17.2	< 16.8	124	< 17.8	< 17.8	< 17.1	8,200	35,400	1,570
Toluene	< 19.0	< 17.1	< 16.3	< 17.9	< 17.1	< 18.2	< 17.7	< 15.9	< 18.8	< 18.9	< 18.1	818,000	818,000	1,107.2
Xylene (Total)	< 54.4	< 48.9	< 46.6	< 51.2	< 49.0	< 52.1	< 50.8	129 J	< 54.0	< 54.1	< 51.7	260,000	260,000	3,960

Notes:

depth - feet below ground surface

J - estimated concentration at or above the limit of detection and below the limit of quantitation

PID - photoionization detector

µg/kg - micrograms per kilogram

WDNR - Wisconsin Department of Natural Resources

ATTACHMENT 6

Soil Disposal Documentation

GFL Disposal Profile Approval, September 01, 2022
Soil Disposal Ticket Listing - GFL Hickory Meadows Landfill

Post-Closure Modification Request
Wisconsin Public Service
700 N. Adams Street
Green Bay, Wisconsin
WDNR BRRTS # 03-05-001843
WDNR FID # 405029790



September 1, 2022

Frank Dombrowski
Wisconsin Public Service Corporation
700 North Adams Street
Green Bay, WI 54303

Dear Mr. Dombrowski:

We are pleased to advise that the special waste listed below was **Approved** on 9/1/2022 for Bioremediation at the Hickory Meadows Landfill, subject to the terms and conditions of the Agreement. The completed profile is your documentation that verifies this waste stream is not a hazardous or unauthorized waste and also verifies approval to accept this waste stream by the Hickory Meadows Landfill as indicated by the signature of our approvals department and our manager. The waste approval is valid as follows:

Generator:	Wisconsin Public Service Corporation
Address of Waste Generated:	700 North Adams Street Green Bay, WI
Waste Stream:	Unleaded Gasoline Impacted Soil from UST
Waste Category:	33B
Profile Number:	HML22-052
Profile Recertification Date:	One Time Only Event
Waste Disposal Method:	Bioremediation

Please note the special conditions for acceptance are as follows:

1. Each load must have a manifest signed by an authorized representative or agent of Wisconsin Public Service Corporation accompanying the waste for disposal.
2. Any change in process or waste stream voids current approval. Waste will need to be re-profiled, including new chemical analysis and or SDS Sheets if applicable, and submitted for review prior to acceptance.
3. All loads must be properly secured, covered with a tarp and hauled by a licensed transporter.
4. No Free liquids.

We greatly appreciate the confidence and trust you have placed in selecting Hickory Meadows Landfill, LLC, to manage your disposal needs. As an additional note, we have fulfilled all Wisconsin DNR regulations and our landfill meets or exceeds the design, construction and operating standards promulgated under 40 CFR 258.

If you have questions or need assistance with additional waste disposal, please do not hesitate to contact us at (920) 853-8553.

Sincerely,

A handwritten signature in black ink, appearing to read 'Grant Gorges'.

Grant Gorges
Hickory Meadows Landfill, LLC

Cc: GFL – Floyd Leo
Ramboll – Abby Small

Soil Disposal Ticket Listing - GFL Hickory Meadows Landfill

Date	Ticket	Profile	Truck	Tonnage
09/06/2022	795799	HML22-052	95BE	15.55
09/06/2022	795800	HML22-052	35BE	17.59
09/06/2022	795802	HML22-052	34BE	17.87
09/06/2022	795806	HML22-052	44BE	19.33
09/06/2022	795809	HML22-052	47Q	17.88
09/06/2022	795820	HML22-052	39BE	18.40
09/06/2022	795840	HML22-052	35BE	23.18
09/06/2022	795843	HML22-052	95BE	21.72
09/06/2022	795844	HML22-052	34BE	22.13
09/06/2022	795847	HML22-052	44BE	24.16
09/06/2022	795848	HML22-052	47Q	22.29
09/06/2022	795864	HML22-052	39BE	24.77
09/06/2022	795870	HML22-052	35BE	24.60
09/06/2022	795877	HML22-052	95BE	24.01
09/06/2022	795878	HML22-052	34BE	25.25
09/06/2022	795882	HML22-052	44BE	21.71
09/06/2022	795884	HML22-052	47Q	21.56
09/07/2022	795899	HML22-052	34BE	25.09
09/07/2022	795901	HML22-052	47Q	22.21
09/07/2022	795902	HML22-052	44BE	22.14
09/07/2022	795905	HML22-052	95BE	25.62
09/07/2022	795925	HML22-052	35BE	24.72
09/07/2022	795940	HML22-052	34BE	19.28
09/07/2022	795943	HML22-052	47Q	21.68
09/07/2022	795945	HML22-052	44BE	23.55
09/07/2022	795947	HML22-052	95BE	22.04
09/07/2022	795962	HML22-052	35BE	20.15
09/07/2022	795980	HML22-052	34BE	20.82
09/07/2022	795984	HML22-052	47Q	19.79
09/07/2022	795986	HML22-052	95BE	18.09
09/07/2022	795988	HML22-052	44BE	20.98
09/07/2022	796002	HML22-052	35BE	19.94
09/07/2022	796012	HML22-052	34BE	19.05
09/07/2022	796024	HML22-052	47Q	17.40
09/07/2022	796025	HML22-052	95BE	18.29
09/07/2022	796029	HML22-052	44BE	15.39
09/07/2022	796037	HML22-052	35BE	19.25
09/07/2022	796045	HML22-052	34BE	21.11
09/07/2022	796057	HML22-052	95BE	18.46
09/07/2022	796059	HML22-052	44BE	18.09
09/08/2022	796066	HML22-052	34BE	20.61

Soil Disposal Ticket Listing - GFL Hickory Meadows Landfill

Date	Ticket	Profile	Truck	Tonnage
09/08/2022	796067	HML22-052	44BE	20.46
09/08/2022	796086	HML22-052	35BE	17.32
09/08/2022	796090	HML22-052	1CRA	21.74
09/08/2022	796092	HML22-052	47Q	19.85
09/08/2022	796096	HML22-052	34BE	22.83
09/08/2022	796110	HML22-052	35BE	20.61
09/08/2022	796116	HML22-052	1CRA	22.66
09/08/2022	796119	HML22-052	47Q	19.42
09/08/2022	796121	HML22-052	34BE	23.64
09/08/2022	796138	HML22-052	35BE	24.38
09/08/2022	796148	HML22-052	1CRA	19.90
09/08/2022	796151	HML22-052	47Q	19.84
09/08/2022	796154	HML22-052	34BE	25.17
09/08/2022	796168	HML22-052	35BE	22.38
09/08/2022	796177	HML22-052	1CRA	24.21
09/08/2022	796178	HML22-052	47Q	20.81
09/08/2022	796181	HML22-052	34BE	22.98
09/09/2022	796192	HML22-052	1CRA	21.21
09/09/2022	796193	HML22-052	34BE	21.96
09/09/2022	796198	HML22-052	95BE	19.72
09/09/2022	796211	HML22-052	35BE	23.30
09/09/2022	796214	HML22-052	113MJT	24.19
09/09/2022	796225	HML22-052	34BE	24.16
09/09/2022	796226	HML22-052	1CRA	22.05
09/09/2022	796239	HML22-052	35BE	25.93
09/09/2022	796246	HML22-052	39BE	23.99
09/09/2022	796254	HML22-052	113MJT	25.59
09/09/2022	796260	HML22-052	34BE	25.58
09/09/2022	796265	HML22-052	1CRA	24.64
09/09/2022	796277	HML22-052	35BE	21.16
09/09/2022	796281	HML22-052	39BE	20.91
Total				1,548.34

ATTACHMENT 7

Photographs

GEOSYNTEC CONSULTANTS
Photographic Record



Client: WBS

Project Number: CHE8094SU3

Site Name: Wisconsin Public Service

Site Location: Green Bay, WI

Photograph 1

Date: 8/30/2021

Direction: E

Comments:

petroleum-impacted soil excavation; backfill material stockpile in background



Photograph 2

Date: 8/30/2021

Direction: NE

Comments:

petroleum-impacted soil excavation; backfill material stockpile in background



GEOSYNTEC CONSULTANTS
Photographic Record



Client: WBS

Project Number: CHE8094SU3

Site Name: Wisconsin Public Service

Site Location: Green Bay, WI

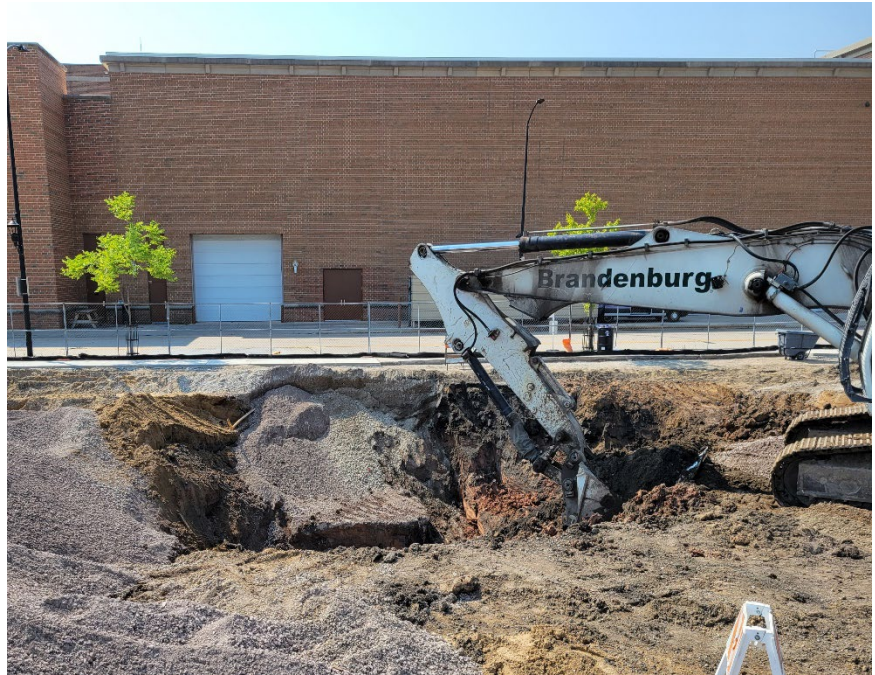
Photograph 3

Date: 8/30/2021

Direction: SW

Comments:

petroleum-impacted soil excavation; Elm Street and adjacent property building



Photograph 4

Date: 8/30/2021

Direction: NW

Comments:

frac tank



ATTACHMENT 8

Confirmation Soil Sampling Laboratory Reports

Pace Analytical Laboratory Report 40250961, September 07, 2022

Pace Analytical Laboratory Report 40251031, September 08, 2022

Pace Analytical Laboratory Report 40251122, September 12, 2022

Post-Closure Modification Request

Wisconsin Public Service

700 N. Adams Street

Green Bay, Wisconsin

WDNR BRRTS # 03-05-001843

WDNR FID # 405029790

September 07, 2022

Dave Zolp
GEOSYNTEC CONSULTANTS
10600 North Port Washington Rd
Suite 100
Thiensville, WI 53092

RE: Project: CHE8094503 WPS-DIVISION BLDG
Pace Project No.: 40250961

Dear Dave Zolp:

Enclosed are the analytical results for sample(s) received by the laboratory on September 06, 2022. 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: Erin Ganzenmuller, WEC
Jeff Menter, WEC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CHE8094503 WPS-DIVISION BLDG

Pace Project No.: 40250961

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: CHE8094503 WPS-DIVISION BLDG
Pace Project No.: 40250961

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40250961001	CS-1	Solid	09/06/22 12:50	09/06/22 14:35
40250961002	CS-2	Solid	09/06/22 12:50	09/06/22 14:35
40250961003	CS-3	Solid	09/06/22 13:00	09/06/22 14:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CHE8094503 WPS-DIVISION BLDG
Pace Project No.: 40250961

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40250961001	CS-1	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40250961002	CS-2	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40250961003	CS-3	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	SKW	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHE8094503 WPS-DIVISION BLDG
Pace Project No.: 40250961

Sample: CS-1 **Lab ID: 40250961001** Collected: 09/06/22 12:50 Received: 09/06/22 14:35 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	<17.9	ug/kg	30.2	17.9	1	09/07/22 07:30	09/07/22 12:07	71-43-2	
Ethylbenzene	<17.9	ug/kg	75.4	17.9	1	09/07/22 07:30	09/07/22 12:07	100-41-4	
Toluene	<19.0	ug/kg	75.4	19.0	1	09/07/22 07:30	09/07/22 12:07	108-88-3	
Xylene (Total)	<54.4	ug/kg	226	54.4	1	09/07/22 07:30	09/07/22 12:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	123	%	68-156		1	09/07/22 07:30	09/07/22 12:07	460-00-4	
Toluene-d8 (S)	123	%	69-153		1	09/07/22 07:30	09/07/22 12:07	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	123	%	71-161		1	09/07/22 07:30	09/07/22 12:07	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	20.3	%	0.10	0.10	1		09/07/22 07:57		

Sample: CS-2 **Lab ID: 40250961002** Collected: 09/06/22 12:50 Received: 09/06/22 14:35 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	09/07/22 07:30	09/07/22 12:28	71-43-2	
Ethylbenzene	<16.1	ug/kg	67.7	16.1	1	09/07/22 07:30	09/07/22 12:28	100-41-4	
Toluene	<17.1	ug/kg	67.7	17.1	1	09/07/22 07:30	09/07/22 12:28	108-88-3	
Xylene (Total)	<48.9	ug/kg	203	48.9	1	09/07/22 07:30	09/07/22 12:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	122	%	68-156		1	09/07/22 07:30	09/07/22 12:28	460-00-4	
Toluene-d8 (S)	126	%	69-153		1	09/07/22 07:30	09/07/22 12:28	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	123	%	71-161		1	09/07/22 07:30	09/07/22 12:28	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	15.1	%	0.10	0.10	1		09/07/22 07:57		

Sample: CS-3 **Lab ID: 40250961003** Collected: 09/06/22 13:00 Received: 09/06/22 14:35 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	<15.4	ug/kg	25.8	15.4	1	09/07/22 07:30	09/07/22 12:48	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHE8094503 WPS-DIVISION BLDG

Pace Project No.: 40250961

Sample: CS-3 **Lab ID: 40250961003** Collected: 09/06/22 13:00 Received: 09/06/22 14:35 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									
Ethylbenzene	<15.4	ug/kg	64.6	15.4	1	09/07/22 07:30	09/07/22 12:48	100-41-4	
Toluene	<16.3	ug/kg	64.6	16.3	1	09/07/22 07:30	09/07/22 12:48	108-88-3	
Xylene (Total)	<46.6	ug/kg	194	46.6	1	09/07/22 07:30	09/07/22 12:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	124	%	68-156		1	09/07/22 07:30	09/07/22 12:48	460-00-4	
Toluene-d8 (S)	128	%	69-153		1	09/07/22 07:30	09/07/22 12:48	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	125	%	71-161		1	09/07/22 07:30	09/07/22 12:48	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.7	%	0.10	0.10	1		09/07/22 07:57		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CHE8094503 WPS-DIVISION BLDG
Pace Project No.: 40250961

QC Batch: 425284 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: 40250961001, 40250961002, 40250961003

METHOD BLANK: 2449057 Matrix: Solid
Associated Lab Samples: 40250961001, 40250961002, 40250961003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	<11.9	20.0	09/07/22 11:07	
Ethylbenzene	ug/kg	<11.9	50.0	09/07/22 11:07	
Toluene	ug/kg	<12.6	50.0	09/07/22 11:07	
Xylene (Total)	ug/kg	<36.1	150	09/07/22 11:07	
1,2-Dichlorobenzene-d4 (S)	%	96	71-161	09/07/22 11:07	
4-Bromofluorobenzene (S)	%	96	68-156	09/07/22 11:07	
Toluene-d8 (S)	%	100	69-153	09/07/22 11:07	

LABORATORY CONTROL SAMPLE: 2449058

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2530	101	70-130	
Ethylbenzene	ug/kg	2500	2640	106	80-120	
Toluene	ug/kg	2500	2450	98	80-120	
Xylene (Total)	ug/kg	7500	7820	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	71-161	
4-Bromofluorobenzene (S)	%			104	68-156	
Toluene-d8 (S)	%			103	69-153	

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: CHE8094503 WPS-DIVISION BLDG

Pace Project No.: 40250961

QC Batch: 425285

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: 40250961001, 40250961002, 40250961003

SAMPLE DUPLICATE: 2449061

Parameter	Units	40250961002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.1	15.4	2	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: CHE8094503 WPS-DIVISION BLDG
Pace Project No.: 40250961

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: CHE8094503 WPS-DIVISION BLDG

Pace Project No.: 40250961

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250961001	CS-1	EPA 5035/5030B	425284	EPA 8260	425286
40250961002	CS-2	EPA 5035/5030B	425284	EPA 8260	425286
40250961003	CS-3	EPA 5035/5030B	425284	EPA 8260	425286
40250961001	CS-1	ASTM D2974-87	425285		
40250961002	CS-2	ASTM D2974-87	425285		
40250961003	CS-3	ASTM D2974-87	425285		

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

40250961

ALL SHADED AREAS are for LAB USE ONLY

Company: **Geosyntec**
 Address: **10600 N. Park Washington Rd. Arlington VA**
 Report To: **D. Zolp**
 Copy To: **J. Johnson**
 Billing Information: **We Energies**
 Attention: **Frank Domrowski**
 Email To:
 Site Collection Info/Address:
 Customer Project Name/Number: **WPS-Division Bldg/ENE 80945US**
 State: County/City: Time Zone Collected: [] PT [] MT [] CT [] ET
 Phone: **703-490-0103** Site/Facility ID #:
 Email: **d.zolp@geosyntec.com** Compliance Monitoring? [] Yes [] No
 Collected By (print): **D. Zolp** Purchase Order #: DW PWS ID #: DW Location Code:
 Collected By (signature): **[Signature]** Turnaround Date Required: **24hr** Immediately Packed on Ice: [] Yes [] No
 Sample Disposal: Rush: [] Same Day [] Next Day Field Filtered (if applicable): [] Yes [] No
 [] Dispose as appropriate [] Return [] 2 Day [] 3 Day [] 4 Day [] 5 Day Analysis:
 [] Archive: [] Hold: (Expedite Charges Apply)

Container Preservative Type **
 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	Analyses	Lab Profile/Line:
			Date	Time	Date	Time				
CS-1	SL	Grab	8/6/22	1250				2	BTEX	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:
CS-2	↓	↓	↓	1250				2		
CS-3	↓	↓	↓	1300				0		

* 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 Remarks / Special Conditions / Possible Hazards: Type of Ice Used: Wet Blue Dry None
 Packing Material Used: SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Radchem sample(s) screened (<500 cpm): Y N NA
 Lab Tracking #: **2825322**
 Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
 Temp Blank Received: Y N NA
 Therm ID#: **SK90**
 Cooler 1 Temp Upon Receipt: **1** oC
 Cooler 1 Therm Corr. Factor: **7.24** oC
 Cooler 1 Corrected Temp: **0.6** oC
 Comments:

Relinquished by/Company: (Signature)	Date/Time: 9/6/22/1435	Received by/Company: (Signature)	Date/Time: 9-6-22 14:35
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Table #: **SK90**
 Acctnum:
 Template:
 Prelogin:
 PM:
 PB:
 Trip Blank Received: Y N NA
 HCL MeOH TSP Other
 Non Conformance(s): YES / NO
 Page: **Page 11** of 13
 of: _____

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: Geosyntec

WO#: 40250961

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 - 90 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 1 / Corr: 0.6

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

Person examining contents:
 Date: 9/6/22 / Initials: NK
 Labeled By Initials: TP

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. + CC 9/6/22 NK
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. pg. #, site info 9/6/22 NK
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.
- DI 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.
Correct Type: Pace Green Bay , Pace IR, Non-Pace		
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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. no labels on WPFU, sample ID on lid 9/6/22 NK
-Includes date/time/ID/Analysis Matrix:		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

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

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

September 08, 2022

Dave Zolp
GEOSYNTEC CONSULTANTS
10600 North Port Washington Rd
Suite 100
Thiensville, WI 53092

RE: Project: CHE8094SU3 WPS-DIVISION BLDG
Pace Project No.: 40251031

Dear Dave Zolp:

Enclosed are the analytical results for sample(s) received by the laboratory on September 07, 2022. 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: Erin Ganzenmuller, WEC
Jeff Menter, WEC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CHE8094SU3 WPS-DIVISION BLDG

Pace Project No.: 40251031

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: CHE8094SU3 WPS-DIVISION BLDG
Pace Project No.: 40251031

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40251031001	CS-4	Solid	09/07/22 09:30	09/07/22 16:08
40251031002	CS-5	Solid	09/07/22 14:18	09/07/22 16:08

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CHE8094SU3 WPS-DIVISION BLDG

Pace Project No.: 40251031

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40251031001	CS-4	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	TMP	1	PASI-G
40251031002	CS-5	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	TMP	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHE8094SU3 WPS-DIVISION BLDG
Pace Project No.: 40251031

Sample: CS-4 **Lab ID: 40251031001** Collected: 09/07/22 09:30 Received: 09/07/22 16:08 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	<16.9	ug/kg	28.4	16.9	1	09/08/22 07:15	09/08/22 10:58	71-43-2	
Ethylbenzene	<16.9	ug/kg	71.0	16.9	1	09/08/22 07:15	09/08/22 10:58	100-41-4	
Toluene	<17.9	ug/kg	71.0	17.9	1	09/08/22 07:15	09/08/22 10:58	108-88-3	
Xylene (Total)	<51.2	ug/kg	213	51.2	1	09/08/22 07:15	09/08/22 10:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	130	%	68-156		1	09/08/22 07:15	09/08/22 10:58	460-00-4	
Toluene-d8 (S)	131	%	69-153		1	09/08/22 07:15	09/08/22 10:58	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	127	%	71-161		1	09/08/22 07:15	09/08/22 10:58	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.3	%	0.10	0.10	1		09/08/22 08:28		

Sample: CS-5 **Lab ID: 40251031002** Collected: 09/07/22 14:18 Received: 09/07/22 16:08 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	27.2	16.2	1	09/08/22 07:15	09/08/22 11:19	71-43-2	
Ethylbenzene	<16.2	ug/kg	67.9	16.2	1	09/08/22 07:15	09/08/22 11:19	100-41-4	
Toluene	<17.1	ug/kg	67.9	17.1	1	09/08/22 07:15	09/08/22 11:19	108-88-3	
Xylene (Total)	<49.0	ug/kg	204	49.0	1	09/08/22 07:15	09/08/22 11:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	123	%	68-156		1	09/08/22 07:15	09/08/22 11:19	460-00-4	
Toluene-d8 (S)	122	%	69-153		1	09/08/22 07:15	09/08/22 11:19	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	120	%	71-161		1	09/08/22 07:15	09/08/22 11:19	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.2	%	0.10	0.10	1		09/08/22 08:28		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CHE8094SU3 WPS-DIVISION BLDG

Pace Project No.: 40251031

QC Batch: 425419

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: 40251031001, 40251031002

METHOD BLANK: 2449630

Matrix: Solid

Associated Lab Samples: 40251031001, 40251031002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	<11.9	20.0	09/08/22 10:38	
Ethylbenzene	ug/kg	<11.9	50.0	09/08/22 10:38	
Toluene	ug/kg	<12.6	50.0	09/08/22 10:38	
Xylene (Total)	ug/kg	<36.1	150	09/08/22 10:38	
1,2-Dichlorobenzene-d4 (S)	%	96	71-161	09/08/22 10:38	
4-Bromofluorobenzene (S)	%	94	68-156	09/08/22 10:38	
Toluene-d8 (S)	%	96	69-153	09/08/22 10:38	

LABORATORY CONTROL SAMPLE: 2449631

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2500	100	70-130	
Ethylbenzene	ug/kg	2500	2540	101	80-120	
Toluene	ug/kg	2500	2400	96	80-120	
Xylene (Total)	ug/kg	7500	7510	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	71-161	
4-Bromofluorobenzene (S)	%			104	68-156	
Toluene-d8 (S)	%			102	69-153	

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: CHE8094SU3 WPS-DIVISION BLDG

Pace Project No.: 40251031

QC Batch: 425425

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: 40251031001, 40251031002

SAMPLE DUPLICATE: 2449636

Parameter	Units	40251031002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.2	15.0	1	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: CHE8094SU3 WPS-DIVISION BLDG
Pace Project No.: 40251031

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CHE8094SU3 WPS-DIVISION BLDG
Pace Project No.: 40251031

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40251031001	CS-4	EPA 5035/5030B	425419	EPA 8260	425423
40251031002	CS-5	EPA 5035/5030B	425419	EPA 8260	425423
40251031001	CS-4	ASTM D2974-87	425425		
40251031002	CS-5	ASTM D2974-87	425425		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: Geo Syntec

WO#: 40251031

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



40251031

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 - 100 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 1 / Corr: 1.1

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

Person examining contents:
 Date: 9/17/22 Initials: MP
 Labeled By Initials: JP

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.
- DI 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 checked="" type="checkbox"/> No <u>9/17/22 MP</u>	
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.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
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>9/17/22 MP</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

September 12, 2022

Dave Zolp
GEOSYNTEC CONSULTANTS
10600 North Port Washington Rd
Suite 100
Thiensville, WI 53092

RE: Project: CHE8094SU3 WPS DIVISION BLDG
Pace Project No.: 40251122

Dear Dave Zolp:

Enclosed are the analytical results for sample(s) received by the laboratory on September 08, 2022. 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: Erin Ganzenmuller, WEC
Jeff Menter, WEC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CHE8094SU3 WPS DIVISION BLDG

Pace Project No.: 40251122

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: CHE8094SU3 WPS DIVISION BLDG

Pace Project No.: 40251122

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40251122001	CS-6	Solid	09/08/22 08:00	09/08/22 15:50
40251122002	CS-7	Solid	09/08/22 08:45	09/08/22 15:50
40251122003	CS-8	Solid	09/08/22 09:40	09/08/22 15:50
40251122004	CS-9	Solid	09/08/22 12:00	09/08/22 15:50
40251122005	CS-10	Solid	09/08/22 14:05	09/08/22 15:50
40251122006	CS-11	Solid	09/08/22 14:30	09/08/22 15:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CHE8094SU3 WPS DIVISION BLDG

Pace Project No.: 40251122

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40251122001	CS-6	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40251122002	CS-7	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40251122003	CS-8	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40251122004	CS-9	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40251122005	CS-10	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	MRP	1	PASI-G
40251122006	CS-11	EPA 8260	ALD	7	PASI-G
		ASTM D2974-87	MRP	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHE8094SU3 WPS DIVISION BLDG
Pace Project No.: 40251122

Sample: CS-6 **Lab ID: 40251122001** Collected: 09/08/22 08:00 Received: 09/08/22 15:50 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	<17.2	ug/kg	28.9	17.2	1	09/09/22 07:00	09/09/22 10:55	71-43-2	
Ethylbenzene	<17.2	ug/kg	72.1	17.2	1	09/09/22 07:00	09/09/22 10:55	100-41-4	
Toluene	<18.2	ug/kg	72.1	18.2	1	09/09/22 07:00	09/09/22 10:55	108-88-3	
Xylene (Total)	<52.1	ug/kg	216	52.1	1	09/09/22 07:00	09/09/22 10:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	124	%	68-156		1	09/09/22 07:00	09/09/22 10:55	460-00-4	
Toluene-d8 (S)	124	%	69-153		1	09/09/22 07:00	09/09/22 10:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	118	%	71-161		1	09/09/22 07:00	09/09/22 10:55	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	18.1	%	0.10	0.10	1		09/08/22 17:47		

Sample: CS-7 **Lab ID: 40251122002** Collected: 09/08/22 08:45 Received: 09/08/22 15:50 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	<16.8	ug/kg	28.2	16.8	1	09/09/22 07:00	09/09/22 11:15	71-43-2	
Ethylbenzene	<16.8	ug/kg	70.4	16.8	1	09/09/22 07:00	09/09/22 11:15	100-41-4	
Toluene	<17.7	ug/kg	70.4	17.7	1	09/09/22 07:00	09/09/22 11:15	108-88-3	
Xylene (Total)	<50.8	ug/kg	211	50.8	1	09/09/22 07:00	09/09/22 11:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	123	%	68-156		1	09/09/22 07:00	09/09/22 11:15	460-00-4	
Toluene-d8 (S)	124	%	69-153		1	09/09/22 07:00	09/09/22 11:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	123	%	71-161		1	09/09/22 07:00	09/09/22 11:15	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	16.9	%	0.10	0.10	1		09/08/22 17:47		

Sample: CS-8 **Lab ID: 40251122003** Collected: 09/08/22 09:40 Received: 09/08/22 15:50 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	<15.0	ug/kg	25.3	15.0	1	09/09/22 07:00	09/09/22 11:35	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHE8094SU3 WPS DIVISION BLDG
Pace Project No.: 40251122

Sample: CS-8 **Lab ID: 40251122003** Collected: 09/08/22 09:40 Received: 09/08/22 15:50 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									
Ethylbenzene	124	ug/kg	63.1	15.0	1	09/09/22 07:00	09/09/22 11:35	100-41-4	
Toluene	<15.9	ug/kg	63.1	15.9	1	09/09/22 07:00	09/09/22 11:35	108-88-3	
Xylene (Total)	129J	ug/kg	189	45.6	1	09/09/22 07:00	09/09/22 11:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	119	%	68-156		1	09/09/22 07:00	09/09/22 11:35	460-00-4	
Toluene-d8 (S)	121	%	69-153		1	09/09/22 07:00	09/09/22 11:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	120	%	71-161		1	09/09/22 07:00	09/09/22 11:35	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.6	%	0.10	0.10	1		09/08/22 17:47		

Sample: CS-9 **Lab ID: 40251122004** Collected: 09/08/22 12:00 Received: 09/08/22 15:50 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	<17.8	ug/kg	29.9	17.8	1	09/09/22 07:00	09/09/22 11:55	71-43-2	
Ethylbenzene	<17.8	ug/kg	74.8	17.8	1	09/09/22 07:00	09/09/22 11:55	100-41-4	
Toluene	<18.8	ug/kg	74.8	18.8	1	09/09/22 07:00	09/09/22 11:55	108-88-3	
Xylene (Total)	<54.0	ug/kg	224	54.0	1	09/09/22 07:00	09/09/22 11:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	128	%	68-156		1	09/09/22 07:00	09/09/22 11:55	460-00-4	
Toluene-d8 (S)	127	%	69-153		1	09/09/22 07:00	09/09/22 11:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	127	%	71-161		1	09/09/22 07:00	09/09/22 11:55	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	19.8	%	0.10	0.10	1		09/08/22 17:48		

Sample: CS-10 **Lab ID: 40251122005** Collected: 09/08/22 14:05 Received: 09/08/22 15:50 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	<17.8	ug/kg	30.0	17.8	1	09/09/22 07:00	09/09/22 12:16	71-43-2	
Ethylbenzene	<17.8	ug/kg	75.0	17.8	1	09/09/22 07:00	09/09/22 12:16	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CHE8094SU3 WPS DIVISION BLDG
Pace Project No.: 40251122

Sample: CS-10 **Lab ID: 40251122005** Collected: 09/08/22 14:05 Received: 09/08/22 15:50 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									
Toluene	<18.9	ug/kg	75.0	18.9	1	09/09/22 07:00	09/09/22 12:16	108-88-3	
Xylene (Total)	<54.1	ug/kg	225	54.1	1	09/09/22 07:00	09/09/22 12:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	136	%	68-156		1	09/09/22 07:00	09/09/22 12:16	460-00-4	
Toluene-d8 (S)	138	%	69-153		1	09/09/22 07:00	09/09/22 12:16	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	136	%	71-161		1	09/09/22 07:00	09/09/22 12:16	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	20.0	%	0.10	0.10	1		09/08/22 17:48		

Sample: CS-11 **Lab ID: 40251122006** Collected: 09/08/22 14:30 Received: 09/08/22 15:50 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	<17.1	ug/kg	28.7	17.1	1	09/09/22 07:00	09/09/22 12:36	71-43-2	
Ethylbenzene	<17.1	ug/kg	71.7	17.1	1	09/09/22 07:00	09/09/22 12:36	100-41-4	
Toluene	<18.1	ug/kg	71.7	18.1	1	09/09/22 07:00	09/09/22 12:36	108-88-3	
Xylene (Total)	<51.7	ug/kg	215	51.7	1	09/09/22 07:00	09/09/22 12:36	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	136	%	68-156		1	09/09/22 07:00	09/09/22 12:36	460-00-4	
Toluene-d8 (S)	132	%	69-153		1	09/09/22 07:00	09/09/22 12:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	130	%	71-161		1	09/09/22 07:00	09/09/22 12:36	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	17.8	%	0.10	0.10	1		09/08/22 17:48		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CHE8094SU3 WPS DIVISION BLDG
Pace Project No.: 40251122

QC Batch: 425546 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: 40251122001, 40251122002, 40251122003, 40251122004, 40251122005, 40251122006

METHOD BLANK: 2450542 Matrix: Solid
Associated Lab Samples: 40251122001, 40251122002, 40251122003, 40251122004, 40251122005, 40251122006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	<11.9	20.0	09/09/22 10:35	
Ethylbenzene	ug/kg	<11.9	50.0	09/09/22 10:35	
Toluene	ug/kg	<12.6	50.0	09/09/22 10:35	
Xylene (Total)	ug/kg	<36.1	150	09/09/22 10:35	
1,2-Dichlorobenzene-d4 (S)	%	104	71-161	09/09/22 10:35	
4-Bromofluorobenzene (S)	%	105	68-156	09/09/22 10:35	
Toluene-d8 (S)	%	105	69-153	09/09/22 10:35	

LABORATORY CONTROL SAMPLE: 2450543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2540	102	70-130	
Ethylbenzene	ug/kg	2500	2600	104	80-120	
Toluene	ug/kg	2500	2500	100	80-120	
Xylene (Total)	ug/kg	7500	7780	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	71-161	
4-Bromofluorobenzene (S)	%			107	68-156	
Toluene-d8 (S)	%			105	69-153	

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: CHE8094SU3 WPS DIVISION BLDG

Pace Project No.: 40251122

QC Batch: 425487

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: 40251122001, 40251122002, 40251122003, 40251122004, 40251122005, 40251122006

SAMPLE DUPLICATE: 2450368

Parameter	Units	40251051001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.1	5.3	3	10	

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QUALIFIERS

Project: CHE8094SU3 WPS DIVISION BLDG
Pace Project No.: 40251122

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: CHE8094SU3 WPS DIVISION BLDG

Pace Project No.: 40251122

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40251122001	CS-6	EPA 5035/5030B	425546	EPA 8260	425549
40251122002	CS-7	EPA 5035/5030B	425546	EPA 8260	425549
40251122003	CS-8	EPA 5035/5030B	425546	EPA 8260	425549
40251122004	CS-9	EPA 5035/5030B	425546	EPA 8260	425549
40251122005	CS-10	EPA 5035/5030B	425546	EPA 8260	425549
40251122006	CS-11	EPA 5035/5030B	425546	EPA 8260	425549
40251122001	CS-6	ASTM D2974-87	425487		
40251122002	CS-7	ASTM D2974-87	425487		
40251122003	CS-8	ASTM D2974-87	425487		
40251122004	CS-9	ASTM D2974-87	425487		
40251122005	CS-10	ASTM D2974-87	425487		
40251122006	CS-11	ASTM D2974-87	425487		

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

40251122

ALL SHADED AREAS are for LAB USE ONLY

Company: Geosyntec
Address: 10600 n. 70th Washington Rd
Medford, WI 53012

Billing Information: We Energies
Attn: Frank Dombrowski

Report To: D. Zol
Copy To: J. Johnson

Email To:
Site Collection Info/Address:

Customer Project Name/Number:
WPS-Division B Bg Tank/CH804503 WZ

State: County/City: Time Zone Collected:
[] PT [] MT [] CT [] ET

Phone: 262-496-6153
Email: d.zol@geosyntec.com

Site/Facility ID #:
Compliance Monitoring?
[] Yes [] No

DW PWS ID #:
DW Location Code:

Collected By (print):
D. Zol

Purchase Order #:
Quote #:

Immediately Packed on Ice:
[] Yes [] No

Collected By (Signature):
[Signature]

Turnaround Date Required:
24 hr

Field Filtered (if applicable):
[] Yes [] No

Sample Disposal:
 Dispose as appropriate [] Return
[] Archive: _____
[] Hold: _____

Rush:
[] Same Day [] Next Day
[] 2 Day [] 3 Day [] 4 Day [] 5 Day
(Expedite Charges Apply)

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		
CS-6	SL	Grab	9/8/22	800				2
CS-7				845				
CS-8				940				
CS-9				1200				
CS-10				1405				
CS-11				1430				

BTEX

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: _____

9/8/22 OK

LAB USE ONLY:
Lab Sample # / Comments:

001
002
003
004
005
006

Customer Remarks / Special Conditions / Possible Hazards:
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 #: 2825795
Samples received via:
FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: SR-116
Cooler 1 Temp Upon Receipt: 4 oC
Cooler 1 Therm Corr. Factor: .5 oC
Cooler 1 Corrected Temp: 4.5 oC
Comments:

Relinquished by/Company: (Signature)
[Signature] Geosyntec

Date/Time:
9/8/22 1550

Received by/Company: (Signature)
[Signature]

Date/Time:
9/8/22 1550

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

PM:
PB:

Non Conformance(s): YES / NO
Page: Page 12 of 14
of: _____

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: Geosyntec

WO#: **40251122**

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 - 118 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 4 /Corr: 4.5

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

Person examining contents:
 Date: 9/8/22 /Initials: NK
 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>pg. #, collection site</u> <u>9/8/22 NK</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.
- DI 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.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
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. <u>WPFU no date or time</u>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>9/8/22 NK</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

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

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log in
 Page 2 of 2

ATTACHMENT 9

Excavation Water Management Documentation

Pace Analytical Laboratory Report 40251075, September 12, 2022
Waste Manifests

Post-Closure Modification Request
Wisconsin Public Service
700 N. Adams Street
Green Bay, Wisconsin
WDNR BRRTS # 03-05-001843
WDNR FID # 405029790

September 12, 2022

Robert Marach
SET Environmental
9730 S 20th St
Oak Creek, WI 53154

RE: Project: 2209-0185
Pace Project No.: 40251075

Dear Robert Marach:

Enclosed are the analytical results for sample(s) received by the laboratory on September 08, 2022. 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: Stephanie Berti, WE Energies
Erik Ehrengren, SET ENV
Bob Nimmo, SET Environmental
pacelab@setenv.com



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2209-0185

Pace Project No.: 40251075

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: 2209-0185

Pace Project No.: 40251075

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40251075001	FRAC TANK LIQUIDS	Water	09/08/22 10:00	09/08/22 11:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2209-0185

Pace Project No.: 40251075

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40251075001	FRAC TANK LIQUIDS	EPA 6010D	SIS	1	PASI-G
		EPA 8260	EIB	7	PASI-G
		EPA 1010	SRK	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2209-0185
Pace Project No.: 40251075

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sample: FRAC TANK LIQUIDS Lab ID: 40251075001 Collected: 09/08/22 10:00 Received: 09/08/22 11:25 Matrix: Water									
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Lead	9.0J	ug/L	20.0	5.9	1	09/12/22 06:48	09/12/22 14:10	7439-92-1	P4
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	15.4	ug/L	1.0	0.30	1		09/09/22 16:38	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		09/09/22 16:38	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		09/09/22 16:38	108-88-3	
Xylene (Total)	476	ug/L	3.0	1.0	1		09/09/22 16:38	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		09/09/22 16:38	2037-26-5	HS, P4, pH
4-Bromofluorobenzene (S)	97	%	70-130		1		09/09/22 16:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		09/09/22 16:38	2199-69-1	
1010 Flashpoint, Closed Cup									
Analytical Method: EPA 1010 Pace Analytical Services - Green Bay									
Flashpoint	>200	deg F			1		09/12/22 13:55		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2209-0185
Pace Project No.: 40251075

QC Batch: 425632	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010D MET
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40251075001

METHOD BLANK: 2451416 Matrix: Water
Associated Lab Samples: 40251075001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<5.9	20.0	09/12/22 14:05	

LABORATORY CONTROL SAMPLE: 2451417

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	250	261	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2451418 2451419

Parameter	Units	2451418		2451419		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40251075001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Lead	ug/L	9.0J	250	250	265	263	102	102	75-125	1	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2209-0185
Pace Project No.: 40251075

QC Batch: 425512	Analysis Method: EPA 8260
QC Batch Method: EPA 8260	Analysis Description: 8260 MSV UST-WATER
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40251075001

METHOD BLANK: 2450442 Matrix: Water
Associated Lab Samples: 40251075001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	09/09/22 09:22	
Ethylbenzene	ug/L	<0.33	1.0	09/09/22 09:22	
Toluene	ug/L	<0.29	1.0	09/09/22 09:22	
Xylene (Total)	ug/L	<1.0	3.0	09/09/22 09:22	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	09/09/22 09:22	
4-Bromofluorobenzene (S)	%	110	70-130	09/09/22 09:22	
Toluene-d8 (S)	%	99	70-130	09/09/22 09:22	

LABORATORY CONTROL SAMPLE: 2450443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	50.9	102	70-130	
Ethylbenzene	ug/L	50	53.7	107	80-120	
Toluene	ug/L	50	49.1	98	80-120	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%			106	70-130	
4-Bromofluorobenzene (S)	%			112	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2450564 2450565

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40251065001 Result	Spike Conc.	Spike Conc.	Result						
Benzene	ug/L	0.018 mg/L	50	50	69.0	66.7	102	98	70-130	3	20
Ethylbenzene	ug/L	0.043 mg/L	50	50	94.1	89.8	101	93	80-121	5	20
Toluene	ug/L	0.0015 mg/L	50	50	49.9	49.6	97	96	80-120	1	20
Xylene (Total)	ug/L	0.038 mg/L	150	150	186	177	99	93	70-130	5	20
1,2-Dichlorobenzene-d4 (S)	%						105	101	70-130		
4-Bromofluorobenzene (S)	%						101	100	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2209-0185

Pace Project No.: 40251075

QC Batch: 425652

QC Batch Method: EPA 1010

Analysis Method: EPA 1010

Analysis Description: 1010 Flash Point, Closed Cup

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40251075001

LABORATORY CONTROL SAMPLE: 2451476

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Flashpoint	deg F		81			

SAMPLE DUPLICATE: 2451506

Parameter	Units	10624058001 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	91	>200			PI

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2209-0185

Pace Project No.: 40251075

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

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

P4 Sample field preservation does not meet EPA or method recommendations for this analysis.

PI The precision between the sample and the duplicate sample exceeded laboratory control limits.

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: 2209-0185
Pace Project No.: 40251075

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40251075001	FRAC TANK LIQUIDS	EPA 3010A	425632	EPA 6010D	425697
40251075001	FRAC TANK LIQUIDS	EPA 8260	425512		
40251075001	FRAC TANK LIQUIDS	EPA 1010	425652		

REPORT OF LABORATORY ANALYSIS

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SET Environmental, Inc.

450 Sumac Road, Wheeling, IL 60090 Ph: 847-537-9221 * Fax: 847-537-9265 www.setenv.com

40251015
Chain of Custody Record

COC #: 29933

Client: SET Environmental	Sample Type:	<table border="1"> <tr> <th colspan="4">Analyses</th> </tr> <tr> <td>Lead (LEAD) 9167</td> <td></td> <td></td> <td></td> </tr> <tr> <td>BTEX</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fluor</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Analyses				Lead (LEAD) 9167				BTEX				Fluor							
Analyses																						
Lead (LEAD) 9167																						
BTEX																						
Fluor																						
Address: 9730 S. 20th St Oak Creek, WI	1. Waste Water 4. Sludge 7. Groundwater (filtered)																					
Phone #: 224-374-7008	2. Drinking Water 5. Oil 8. Other																					
P.O. #: WE Energies Proj #: 2209-0185	3. Soil 6. Groundwater																					
Client Contact: Bob March	Container Type:																					
Sampler: Mike Macioni	P-Plastic V-VOC Vial O-Other																					
	<input checked="" type="checkbox"/> Glass B-Tedlar Bag																					
	Preservative:																					
	<input checked="" type="checkbox"/> None 3. HN03 5. HCl 7. On Ice																					
	2. H2SO4 4. NaOH 6. MeOH 8. Other																					

Sample I.D. / Drum Numbers	Sample Type	Container			Sampling				Preservation		Lead	BTEX	Fluor					
		Size	Type	No.	pH	Temp	Date	Time	Field	Lab								
Fracture Liquids	6	wt/Bag	G	003	-	-	9/8/00	1000	-	-	X	X	X					COI

Relinquished By: Michael Macioni	Date: 9/8/02 Time: 11:25	Received By: [Signature]	Date: 9/8/02 Time: 11:25
Relinquished By:	Date: / / Time: :	Received By:	Date: / / Time: :
Relinquished By:	Date: / / Time: :	Received By:	Date: / / Time: :

Notes/Waste Generated:
Please contact Bob March
@ 224-374-7008
When completed


SPECIAL INSTRUCTIONS:
Turnaround Time:
 Rush (circle one)
 2 or 3 day TAT
 Routine (5-10 days)
Due Date: _____

SET Contact: Bob March Lab:
224-374-7008
rmarach@setenv.com

Received On Ice Yes No
Temperature: 21 °C
Page 11 of 13
Rev. May 2007

Sample Condition Upon Receipt Form (SCUR)

Client Name: SET ENV.
 Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Project #: **WO# : 40251075**

 40251075

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 - 117 Type of Ice: Wet Blue Dry None Meltwater Only
 Cooler Temperature Uncorr: 20.5 / Corr: 21
 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: 9/8/22 / Initials: SKW
 Labeled By Initials: NK

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>+ 2CC</u>	<u>9/8/22 SKW</u>
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.	
- DI 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	9.	<u>Lab dispensed into BP3A for Lead. NO vials for BTEX. 9/8/22 SKW</u>
Correct Type: Pace Green Bay, Pace IR, Non-Pace			
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.	<u>no time. 9/8/22 SKW</u>
-Includes date/time/ID/Analysis Matrix: <u>WA</u>			
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.	
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: PM informed over temp 9/8/22 SKW

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
WID007947435

2. Page 1 of
1

3. Emergency Response Phone
877-437-7455

4. Waste Tracking Number
0005453

5. Generator's Name and Mailing Address
**Wisconsin Public Service Corporation
700 North Adams Street WPSC
Green Bay, WI 54307**
Generator's Phone: **414-221-4076**

Generator's Site Address (if different than mailing address)
**700 North Adams Street
WPSC
Green Bay, WI 54307**

6. Transporter 1 Company Name
SET Environmental, Inc.

U.S. EPA ID Number
ILD981957236

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
**Covanta Environmental Solutions-33rd St.
5300 N. 33rd Street
Milwaukee, WI 53209**
Facility's Phone: **(414) 755-5320**

U.S. EPA ID Number
WID006085781

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non-DOT, Non-RCRA Regulated Material (Petroleum contact water)	01	TT	2200	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
1=5020433:Petroleum contact water
From Frac # PVAL5695 in 1413 **(2)** **2209-0185**

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name **on behalf of WPSC** Signature **[Signature]** Month **10** Day **19** Year **22**

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name **Andrew Kalve** Signature **[Signature]** Month **10** Day **19** Year **22**

Transporter 2 Printed/Typed Name Signature Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: U.S. EPA ID Number

17b. Alternate Facility (or Generator) Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name **Reginaid Marks** Signature **[Signature]** Month **10** Day **19** Year **22**

GENERATOR
INTL
TRANSPORTER
DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
WID007947435

2. Page 1 of **1**
3. Emergency Response Phone
877-437-7455

4. Waste Tracking Number
0005454

5. Generator's Name and Mailing Address
**Wisconsin Public Service Corporation
700 North Adams Street WPSC
Green Bay, WI 54307**
Generator's Phone: **414-221-4076**

Generator's Site Address (if different than mailing address)
**700 North Adams Street
WPSC
Green Bay, WI 54307**

6. Transporter 1 Company Name
SET Environmental, Inc.
U.S. EPA ID Number
ILD981957236

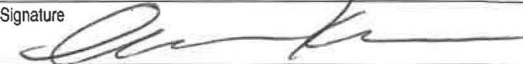
7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
**Covanta Environmental Solutions-33rd St.
5300 N. 33rd Street
Milwaukee, WI 53209**
U.S. EPA ID Number
WID006085781
Facility's Phone: **(414) 755-5320**


9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non-DOT, Non-RCRA Regulated Material (Petroleum contact water)	01	TT2300 G		
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
1=5020433:Petroleum contact water
2
Fruc-Fluval 5695 in 1413

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name **on behalf of WPSC** Signature  Month **10** Day **20** Year **22**

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____
Transporter Signature (for exports only): _____

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name **Andrew Kawe** Signature  Month **10** Day **20** Year **22**
Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

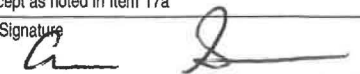
17. Discrepancy
17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____ U.S. EPA ID Number _____

17b. Alternate Facility (or Generator)
Facility's Phone: _____

17c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name **Antonio Sheppard** Signature  Month **10** Day **20** Year **22**

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY