From: Ulrich, David <david.ulrich@aecom.com>

**Sent:** Friday, January 28, 2022 11:29 AM

**To:** James, Andrew G - DNR; Danelski, Denise D - DNR **Subject:** GP Buth request for groundwater treatment

**Attachments:** 4400-237GW Treatment DSU.pdf; 4400-237 GW Treatment signature

page.pdf; GP Cover Letter GW Treatment.pdf

Follow Up Flag: Follow up Flag Status: Flagged

CAUTION: This email originated from outside the organization.

Do not click links or open attachments unless you recognize the sender and know the content is safe.

Please note that the following files were entered in the portal for BRRTS site 02-05-563707. The \$700 review fee will be paid early next week.

David S. Ulrich Sr. Environmental Engineer Cell Phone 715-459-5176

David.ulrich@aecom.com

### **AECOM**

200 Indiana Avenue Stevens Point, WI 54481, USA aecom.com

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### Georgia-Pacific Broadway LLC

1919 S. Broadway P.O. Box 19130 Green Bay, WI 54307-9130 (920) 435-8821 www.gp.com

1/28/2022

Mr. Andrew James, Hydrologist Remediation & Redevelopment Program Wisconsin Department of Natural Resources 2984 Shawano Ave Green Bay, WI 54313-6727

Former Buth Oil Facility Site
Post-Closure Modification Request for Groundwater Treatment
BRRTS #02-05-563707

Dear Mr. James,

Please see the enclosed Post-Closure Modification Request for the former Buth Oil site located at the Georgia-Pacific (GP) Broadway LLC facility in Green Bay, Wisconsin. This request was prepared by AECOM to facilitate project review by the Wisconsin Department of Natural Resources (WDNR) for the groundwater treatment portion of the planned remedial activities at the Buth Oil site.

Included with this memo is WDNR Form 4400-327 (Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request) for the groundwater treatment portion of project. A summary of proposed activities is included below. Further details of the overall project can be found in the initial Post-Closure Modification Request submitted to the WDNR on 10/25/2021.

We also note that the required WPDES permit application for this activity was e-submitted by GP to the WDNR on 10/25/2021.

### **Chemical Oxidation Application**

Groundwater monitoring has indicated that VOCs are present in the groundwater under the Buth site. After impacted soil is removed from the identified areas according to the WDNR-approved project plan, a chemical oxidation additive in the form of calcium peroxide is proposed to be applied directly to the groundwater at the base of the Area 1 excavation to address the remaining petroleum compound impacts. The dry powder will be cast into the excavation and mixed into the vadose zone using a backhoe. The mixing will provide extensive contact between the chemical additive and the groundwater. Approximately, 2,830 lbs of additive are proposed to be applied to the Area 1 excavation.

Calcium peroxide releases oxygen to enhance the biodegradation of petroleum hydrocarbons and other biodegradable contaminants in soil and groundwater. We anticipate that this chemical oxidation process will reduce VOC concentrations in the groundwater in the Area 1 excavation zone to minimal levels.

We understand that WDNR review fees for this submittal are \$700. This will be paid electronically through the WDNR e-Pay system. You will be notified when this transaction is completed.

We would appreciate a timely review and approval of this request. If you have any questions, please contact me at (920) 438-4081, or David Ulrich with AECOM at (715) 459-5176.

Sincerely,

Michael Moore

**Environmental Engineer** 

Georgia-Pacific Broadway LLC

Enc.

DNR Form 4400-327

Cc: David Ulrich, AECOM
Tim Wood, AECOM
Dave Henderson, AECOM
Melissa Mrotek, GP
Jacquelyn Beaulieu, GP

State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921 dnr.wi.gov

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

Page 1 of 7

Form 4400-237 (R 10/21)

**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 from 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: <a href="mailto:dnr.wi.gov/topic/Brownfields/Pubs.html">dnr.wi.gov/topic/Brownfields/Pubs.html</a>.

#### 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: <a href="http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf">http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf</a>

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.

Form 4400-237 (R 10/21) Page 2 of 7

Section 1. Contact and Recipient Information						
Requester Information						
This is the person requesting t	echnical assistance or a post-cidentified as the requester in Se					
Last Name	First	MI	Organization/ Bus	iness Name		,
Moore	Michael		Georgia-Pacific	Broadway LLC		
Mailing Address	:		City State ZIP Code		ZIP Code	
1919 South Broadway			Green Bay		WI	54307
Phone # (include area code)	<u>.</u>		Email			
(920) 438-4081		michael.moore@gapac.com				
The requester listed above: (se	elect all that apply)					
Is currently the owner			Is considering selling the Property			
Is renting or leasing the	Property		Is considerii	ng acquiring the Property		
Is a lender with a mortga	agee interest in the Property					
Other. Explain the status	s of the Property with respect to	o the a	pplicant:			
	contacted with questions a				t if san	ne as requester
Contact Last Name	First	MI	Organization/ Bus			
Moore	Michael		Georgia-Pacific	Broadway LLC		715.0
Mailing Address		City State ZIP Code				
1919 South Broadway	<u> </u>		Green Bay WI 54307			
Phone # (include area code)	Fax # (include area code)		Email			
(920) 438-4081			michael.moore(a	gapac.com		
Environmental Consulta Contact Last Name	nt (if applicable) First	N.41	Organization/ Rus	viness Name		
		MI	Organization/ Business Name			
Ulrich Mailing Address	David		AECOM  City   State   ZIP Code			
•						
200 Indiana Ave Phone # (include area code) Fax # (include area code)		Stevens Point WI 54481 Email				
,	l ax # (illolade alea code)					
(715) 459-5176 david.ulrich@aecom.com  Section 2. Property Information						
Property Name FID No. (if known)						
Buth Oil Facility (Former) 405032870						
			Parcel Identification			
02-05-563707			1-1407			
Street Address			City State ZIP Code			
1919 South Broadway			Green Bay WI 54307			
County Municipality where the Property is located			ated	Property is composed of:		perty Size Acres
Brown Ocity Town Village of Green Bay Single tax Multiple tax parcels 197.25			7.25			

Form 4400-237 (R 10/21)

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	sponse needed by a specific date? (e.g., Property closing date) Note: Most requests are completed within 60 days. Please scordingly.
○ No	○ Yes
	Date requested by:
	Reason:
_	Requester" enrolled as a Voluntary Party in the Voluntary Party Liability Exemption (VPLE) program?
_	Include the fee that is required for your request in Section 3, 4 or 5.
○ Yes	s. Do not include a separate fee. This request will be billed separately through the VPLE Program.
	t the information in Section 3, 4 or 5 which corresponds with the type of request:
	tion 3. Technical Assistance or Post-Closure Modifications;
Sect	tion 4. Liability Clarification; or Section 5. Specialized Agreement.
Section :	3. Request for Technical Assistance or Post-Closure Modification
Select the	e 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.
$\Box$	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
$\overline{\Box}$	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.
$\boxtimes$	Other Technical Assistance - Include a fee of \$700. Explain your request in an attachment.
Post-0	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. <b>Include a fee of \$1050, and:</b>
	☐ 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]

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request Form 4400-237 (R 10/21) Page 4 of 7

"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 <b>not</b> 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.,hi., 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.
<ul> <li>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.</li> </ul>
"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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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.
	ass	se where an environmental discharge has or has not occurred, and applicant wants a DNR determination that no further sessment or clean-up work is required. Usually this is requested after a Phase I and Phase II environmental assessment has en conducted; the assessment reports should be submitted with this form. This is not a closure letter.
	Cla	arify the liability associated with a "closed" Property - s. 292.55, Wis. Stats. [682]
	*	Include a fee of \$700.
- Ir	nclu	de 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. This submittal is for DNR review of the groundwater injection activities at the Buth Site.

### 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: <a href="mailto:dnr.wi.gov/topic/Brownfields/lgu.html#tabx4">dnr.wi.gov/topic/Brownfields/lgu.html#tabx4</a>.

<ul> <li>Tax cancellation agreement - s. 75.105(2)(d), Wis. Stats. [654]</li> <li>❖ Include a fee of \$700, and the information listed below:</li> <li>(1) Phase I and II Environmental Site Assessment Reports,</li> <li>(2) a copy of the Property deed with the correct legal description.</li> </ul>	
<ul> <li>☐ Agreement for assignment of tax foreclosure judgement - s.75.106, Wis. Stats. [666]</li> <li>❖ Include a fee of \$700, and the information listed below:</li> <li>(1) Phase I and II Environmental Site Assessment Reports,</li> <li>(2) a copy of the Property deed with the correct legal description.</li> </ul>	
<ul> <li>Negotiated agreement - Enforceable contract for non-emergency remediation - s. 292.11(7)(d) and (e), Wis. Stats. [6</li> <li>❖ Include a fee of \$1400, and the information listed below:</li> <li>(1) a draft schedule for remediation; and,</li> </ul>	30]

(2) the name, mailing address, phone and email for each party to the agreement.

Form 4400-237 (R 10/21) Page 6 of 7

(715) 459-5176

Telephone Number (include area code)

### Section 6. Other Information Submitted

Sr. Environmental Engineer

Title

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. Other medium - Describe: Groundwater Soil Sediment 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: cover letter 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): 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: Michael Moore 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. **Date Signed** Signature

Form 4400-237 (R 10/21)

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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 <u>DNR regional brownfields specialist</u> with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see: <a href="http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf">http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf</a>.

### **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	Co	omments				
Fee Enclosed?	Fee Amount	Date Additional Information Requested	Date Requested for DNR Response Letter			
◯ Yes ◯ No	\$					
Date Approved	Final Determination					

Telephone Number (include area code)

Form 4400-237 (R 10/21)

Page 6 of 7

Identify all materials that are included with this request.

Title

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: cover letter 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): 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: Michael Moore 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. Signature (715) 459-5176 Sr. Environmental Engineer