

State of Wisconsin  
DEPARTMENT OF NATURAL RESOURCES  
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Green Bay WI 54313-6727

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October 21, 2019

BRYANT ESCH  
WAUPACA FOUNDRY INC  
311 S TOWER ROAD  
P O BOX 249  
WAUPACA WI 54981

Subject: Reported Contamination at Waupaca Foundry, Inc. Plt 4, 805 Ogden St,  
Marinette, WI  
DNR BRRTS Activity # 02-38-584102  
DNR FID # 438041450

Dear Mr. Esch:

On, July 26, 2019, you, on behalf of Waupaca Foundry, Inc., notified the Wisconsin Department of Natural Resources (DNR) that a hazardous substance discharge of per- and polyfluoroalkyl substances (PFAS) was detected at the site described above.

Information submitted to the DNR regarding this site indicates you are responsible for the discharge of a hazardous substance or other environmental pollution (hereafter referred to as "contamination") at the above-described site. "Site" refers to the property where the contamination occurred and any other property it has migrated to, as defined in Wisconsin Administrative Code ("Wis. Admin. Code") § NR 700.03(56).

This letter explains how to initiate the investigation and cleanup of contamination of the site, and how to access further information and assistance from the DNR. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination.

**Legal Responsibilities:**

Persons meeting the definition of "responsible party" under § NR 700.03(51) must follow applicable law to address the discharge of a hazardous substance to the environment or other environmental pollution. Wisconsin Statutes ("Wis. Stats.") ch. 292 and Wis. Admin. Code chs. NR 700 through NR 754 provide specific requirements for undertaking appropriate response actions to address contamination, including requirements for emergency and interim actions, public information, site investigations, remedy selection, design and operation of remedial action systems, and case closure.

### **General Recommendations for Responsible Parties:**

The DNR recommends that you:

#### *1. Hire a Qualified Environmental Consultant*

To ensure response actions you plan to undertake comply with Wisconsin law, you should hire an environmental consultant within **30 days**, by November 20, 2019, to meet the regulatory deadlines listed below. A delay in hiring an environmental consultant could result in you missing key submittal deadlines.

Hiring a consulting firm with staff that have the appropriate State of Wisconsin qualifications to supervise and certify the submittals is a critical component and necessary to meet your requirements. Further, an environmental consultant should be knowledgeable of Wisconsin's technical procedures and laws, and be able to answer questions regarding cleanup requirements. Required qualifications for environmental consultants are specified in Wis. Admin. Code ch. NR 712. Program guidance is available, see *Wis. Admin. Code ch. NR 712 Qualifications and Certifications, RR-081*.

#### *2. Submit Reports on Time with Required Information Included*

Wisconsin law includes timeframes for submitting technical documents and conducting work, as well as specifications for what should be included in those submittals. This letter provides a general overview of the timeframes and first steps to take for site investigation and cleanup. For an overview of timing requirements, please refer to *NR 700 Process and Timeline Overview, RR-967, enclosed*.

The DNR developed the publication *Guidance for Electronic Submittals for the Remediation and Redevelopment Program, RR-690*, to assist responsible parties and consultants in properly submitting documents. Wis. Admin. Code § NR 700.11(3g), and other specific provisions within Wis. Admin. Code ch. NR 700, outline the requirements for submittals, including electronic submittals. Consultants and representatives of responsible parties are required to submit one paper copy and one electronic copy of submittals, including case closure documents. The electronic version must be an exact duplicate of the paper version. Failure to submit both a paper copy and electronic copy delays acceptance of your submittals.

#### *3. Consider the Benefits of a Fee-based Technical Review of your Submittals*

In-depth department review of technical reports and submittals is available for a fee. The Remediation and Redevelopment (RR) Program project managers are available throughout the process to answer general questions and provide general input as the site moves toward closure. However, if you want a formal written response from the DNR, a meeting or both on a specific submittal, a review fee will be required in accordance with Wis. Admin. Code ch. NR 749. **Obtaining technical assistance from DNR project managers throughout the process is an effective way to prevent problems and delays at the end of the process when case closure is requested.** Forms, a fee schedule, and further information on technical assistance is available at [dnr.wi.gov](http://dnr.wi.gov) and searching "brownfield fees."

### **Required Steps to Take and Documents to Submit:**

The steps listed below serve as a general overview only — all mandatory steps and submittals specified in state law must be met before the DNR can grant “case closure”, which is a determination by the DNR that no further cleanup is necessary at a site, as defined in Wis. Admin. Code § NR 700.03(3m).

1. **Immediate Actions – NR 708.09:** The law requires you to take any immediate actions needed to halt and minimize harmful effects, unless you are otherwise directed by DNR staff, and to submit documentation describing immediate actions and outcomes within 45 days after the initial hazardous substance discharge notification is given to the DNR. A final immediate action report should be submitted in accordance with Wis. Admin. Code NR 708.09.
2. **Interim Actions – NR 708.11:** The law requires you to evaluate the need for interim action prior to initiating a site investigation and during a site investigation. Interim action shall be taken where it is necessary to contain or stabilize a discharge of a hazardous substance or environmental pollution, in order to minimize any threat to public health, safety, or welfare, or the environment. When warranted, responsible parties shall implement an interim action as soon as possible.
3. **Public Participation and Notification – NR 714.07:** In order to promote effective and meaningful public participation and notification, responsible parties shall conduct all necessary public participation and notification activities, unless otherwise directed by the department. Responsible parties shall evaluate the need for, and the level of public participation based on the criteria in Wis. Admin. Code § NR 714.07(1). Notices shall be provided to the public using the methods of public notification outlined in Wis. Admin. Code § 714.07(3). The department is specifically directing you to provide notification consistent with Wis. Admin. Code §§ 714.07(3)(e), (f), (g) and (i).
4. **Scoping and Work Plan Submittal – NR 716.07 and 716.09:** The law requires that you appropriately scope out your site investigation and submit a work plan within **60 days of this notification**, by December 20, 2019, for completing a site investigation. The work plan must comply with the requirements in Wis. Admin. Code, chs. NR 700 through NR 754. For additional assistance, the DNR has extensive guidance on its web page at [dnr.wi.gov](http://dnr.wi.gov) and search “brownfield publications.”

Prior to and during a site investigation, you must evaluate whether any interim actions are needed to contain or stabilize a hazardous substance discharge or environmental pollution, pursuant to Wis. Admin. Code § NR 708.11. If you undertake an interim action (*e.g.*, free product removal), you must submit documentation of the action per Wis. Admin. Code § NR 708.15.

Per Wis. Admin. Code § NR 716.07(4), all environmental media affected or potentially affected by the contamination must be evaluated. As stipulated in the Site Investigation Scoping (Wis. Admin. Code § NR 716.07) and the Site Investigation Work Plan (Wis. Admin. Code § NR 716.09) requirement, the work plan should include a written evaluation of potential PFAS compounds that are most likely to have been produced, handled or stored at the site. Include information on all entities responsible for manufacturing PFAS and its use at the site; the years involved in PFAS manufacturing and use; what PFAS was used to manufacture; whether any product containing PFAS was used or tested at the site; areas of the site where PFAS was manufactured and/or used.

As you develop the site investigation work plan, you must include an assessment of the vapor intrusion pathway. Wis. Admin. Code § NR 716.11(5) outlines the requirements for when to evaluate for the presence of vapors in the sub-surface and in indoor air. The results and conclusions from the vapor assessment must be included in the Wis. Admin. Code § NR 716.15 site investigation report whether or not you elected to take vapor samples. *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin, RR-800*, is available to help responsible parties and their consultants comply with these requirements.

5. **Field Investigation – NR 716.11**: Following submission of the work plan, the site investigation must be started within the timeframe provided under law. The timeframe varies depending on whether you are requesting the DNR's fee-based review of the work plan. If you do not request a fee-based review of the work plan, you must initiate the field investigation within 90 days of submitting the work plan, and you may proceed with the field investigation upon DNR notification to proceed; however, if the DNR has not responded within 30 days, from submittal of the work plan, you may then proceed with the field investigation. If a fee and request for DNR review of the work plan is submitted, the field investigation must begin within 60 days after receiving DNR approval.
6. **Sample Results Notification Requirements – NR 716.14**: You must report sampling results to the DNR, owners, occupants, and various other parties within 10 business days after receiving the sampling results, unless a different timeframe is approved by the DNR, in accordance with Wis. Admin. Code § NR 716.14.
7. **Site Investigation Report – NR 716.15**: Within 60 days after completion of the field investigation and receipt of the laboratory data, the law requires you to submit a Site Investigation Report (SIR) to the DNR. As part of the SIR or in the Remedial Actions Options Report (RAOR), if there is soil contamination, the responsible party shall identify the current land use (*i.e.*, industrial or non-industrial) and zoning for the site or facility in accordance with Wis. Admin. Code § NR 720.05(5). Also, as part of the SIR or in the RAOR, you must include any interim action report that may be required under Wis. Admin. Code § NR 708.15.
8. **Remedial Actions Options Report – NR 722**: Within 60 days after submitting the SIR, the law requires you to submit a RAOR. The selected remedy in the RAOR should include an evaluation of green and sustainable remediation criteria, as appropriate, as required by Wis. Admin. Code § NR 722.09(2m). This may be submitted as part of a broader SIR.
9. **Remedial and Interim Action Design, Implementation, Operation, Maintenance and Monitoring Reports – NR 724**: Unless otherwise directed by the DNR, the responsible party shall submit all plans and reports required in Wis. Admin. Code ch. NR 724.
10. **Notification of Residual Contamination or Continuing Obligations – NR 725**: In situations where notification is required, the responsible party must provide submittal(s) that confirms that continuing obligations have been identified and affected property owners have been notified by the responsible parties 30 days prior to case closure, as required by Wis. Admin. Code ch. NR 725.
11. **Semi-annual Reporting -- NR 700.11**: Wis. Admin. Code § NR 700.11(1)(a) requires responsible parties to submit semi-annual site progress reports to the DNR until final case closure is granted. The reports summarize the work completed over six months and additional work planned to

adequately complete the response action at the site. Consultants may submit these reports on behalf of responsible parties. These reports are due in January and July of each year. Please refer to DNR publication *NR 700 Semi-Annual Site Progress Report, RR-082*, for more information.

#### Submittals required under Wis. Admin. Code chs. NR 700 - 726

These documents, as applicable, must be submitted to the DNR prior to the responsible party requesting case closure, unless otherwise directed by the DNR:

- Ch. NR 708 reports and documentation for any immediate or interim actions.
- Ch. NR 712 professional certifications and signatures are included with applicable submittals.
- Ch. NR 716 work plan(s) and site investigation report.
- Ch. NR 722 remedial action options report (exception is for Dry Cleaners Environmental Response Fund sites), with the selected remedial action identified.
- Ch. NR 724 design, construction documentation, operation, maintenance and monitoring plans and reports, including vapor mitigation commissioning.
- Ch. NR 725 submittal(s) that confirms that continuing obligations have been identified and affected property owners have been notified by the responsible parties 30 days prior to case closure.
- If requesting case closure, the Ch. NR 726 case closure form and documentation substantiating compliance with the NR 700 rule series.
- Ch. NR 749 fees have been paid, as applicable, including closure and database fees.
- Ch. NR 700 semi-annual site progress reports starting six months after notification.

#### **Additional Information:**

The DNR tracks information on all cleanup sites in a DNR database available at [dnr.wi.gov](http://dnr.wi.gov) and search "BOTW". The Bureau for Remediation and Redevelopment Tracking System (BRRTS) identification number for this site is listed at the top of this letter. You may view information related to your site on this database at any time.

All correspondence regarding this site should be directed to:

David Neste  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
625 E CTH Y STE 700  
Oshkosh WI 54901-9731  
[david.neste@wisconsin.gov](mailto:david.neste@wisconsin.gov)

As previously noted, you are required to submit one paper copy and one electronic copy of plans and reports. To speed up processing, your correspondence should reference the BRRTS and Facility Identification (FID) numbers (if assigned) listed at the top of this letter.

Please visit the DNR's Remediation and Redevelopment Program website at [dnr.wi.gov](http://dnr.wi.gov) and search "Brownfields," for information on selecting a consultant, seeking financial assistance, and