

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No. WI-0043699-09-0

Permittee: Waupaca Foundry Inc Plant 4, 805 Ogden St, Marinette, WI 54143-2933

Facility Where Discharge Occurs: Waupaca Foundry Inc Plant 4, 805 Ogden St, Marinette, WI

Receiving Water And Location: Menominee River, Wausaukee & Lower Menominee Rivers Watershed (GB13), Menominee River Basin, Upper Green Bay, in Marinette County

Brief Facility Description: Waupaca Foundry Inc Plant 4 (Waupaca Foundry) is a producer of ductile iron castings for the transportation and agricultural industries. The plant employs approximately 750 people and typically operates 24 hours a day, 5-7 days per week, 50 weeks per year. The facility uses scrap steel and pig iron as feedstock to melt iron in electric induction furnaces. Alloys are added to the melting process to achieve appropriate iron chemistry and physical properties. Molten iron is poured into sand molds to form the castings. The molding sand consists of silica sand, carbonaceous materials and bentonite clays. Frequently, a core is used within the mold cavity to provide a void space within the final casting. Cores are made at the facility and consist of silica sand and a small percentage of organic resin as a hardening agent. After the iron solidifies in the mold, the sand and castings are separated. The sand is processed and reused as the molding sand. The castings are transferred to the mill room where they are mechanically cleaned and ground prior to packing and shipping. Outfall 001 is composed primarily of noncontact cooling water (NCCW) from mold-making equipment, air compressor condensate, infrequent emergency NCCW from furnace inductor cooling systems, and discharge from the closed-loop furnace cooling system in emergencies such as power outages. These waste steams discharge via Outfall 001 on a nearly continuous basis to the Menominee River. Outfall 004 is composed of NCCW waste streams on an emergency basis, stormwater, and contaminated groundwater waste streams that are collected and treated via a portable granular activated carbon unit in June – July. Outfall 004 discharges on a noncontinuous basis to the Menominee River. The contaminated groundwater discharge from Outfall 004 is currently covered under the Contaminated Groundwater from Remedial Action Operations General Permit (WPDES General Permit No. WI-0046566-07-0) in accordance with s. NR 205.08, Wis. Adm. Code. By request of Waupaca Foundry, the Department has incorporated the contaminated groundwater discharge into Outfall 004 to be regulated under the individual permit during the reissued permit term.

Summary of Proposed Changes: 1) At Outfall 001, addition of effluent temperature monitoring during the fourth year of the permit (2028). 2) At Outfall 001, addition of monthly monitoring for PFOS and PFOA in accordance with s. NR 106.98(2)(d), Wis. Adm. Code. 3) At Outfall 004, addition of pH, oil & grease, and TSS effluent monitoring and limits. The treated stormwater and contaminated groundwater discharge, currently covered under WPDES General Permit No. WI-0046566-07-0, is incorporated into this permit/outfall. Any effective limits required under the General Permit have been retained in the individual permit. 4) At Outfall 004, addition of monthly monitoring for PFOS and PFOA in accordance with s. NR 106.98(2)(d), Wis. Adm. Code. 5) Addition of the PFOS/PFOA Minimization Plan Determination of Need compliance schedule. 6) Updated standard language.

Permit Drafter's Name, Address, Phone and Email: Sarah Donoughe, DNR, 2984 Shawano Avenue, Green Bay, WI 54313-6727, (920) 366-6076, Sarah.Donoughe@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Laura Gerold, DNR, 2984 Shawano Avenue, Green Bay, WI 54313-6727, (920) 366-6728, laura.gerold@wisconsin.gov

The Department has tentatively decided that the above-specified WPDES permit should be reissued.

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the above-named permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued. Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be issued as proposed.

The Department may schedule a public informational hearing if requested by any person and shall schedule a public informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Wis. Stats. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit, fact sheet and permit application, may be inspected and copied at either the above-named permit drafter's office or the above named basin engineer's office, Monday through Friday (except holidays), between 9:00 a.m. and 3:30 p.m. Please call the permit drafter or basin

engineer for directions to their office location, if necessary. Information on this permit action may also be obtained by calling the permit drafter at (920) 662-5148 or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice, permit and fact sheet. Permit information is also available on the internet at:

<http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

NAME OF PUBLISHING NEWSPAPER: Eagle-Herald

ADDRESS OF PUBLISHING NEWSPAPER: PO Box 77, Marinette, WI 54143-0077

Date Notice Issued: Wednesday, May 22, 2024