

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0030759-11-0

Permittee: Madeline Sanitary District, PO Box 267, La Pointe, WI, 54850

Facility Where Discharge Occurs: Madeline Sanitary District, 949 Snow Place Lake, La Pointe, Wisconsin

Receiving Water And Location: Lake Superior in Bayfield Peninsula Southeast of Lake Superior in Ashland County

Brief Facility Description and Summary of Proposed Changes: Madeline Sanitary District owns and operates a domestic wastewater treatment system designed to treat 163,000 gallons per day. Currently they treat an average of 58,000 gallons per day. The treatment system consists of a fine screen for solids removal from influent and hauled waste. Wastewater then flows into two covered lagoons divided into four zones using a floating curtain baffle system. Naturally occurring microorganisms present in the wastewater metabolize and reduce organic matter. A fine bubble aeration system supplies oxygen and provides mixing to provide contact between microorganisms, organic matter and submerged fixed film media curtains (BioReef) which increases the removal of BOD and nitrogen. Prior to discharging the treated wastewater to Lake Superior a UV disinfection system is used seasonally (May through October).

It is the Department's intention to renew the permit for another term. The proposed new permit expiration date will be March 31, 2030. Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Changes from the previous permit include:[1] Effluent CBOD5 monitoring and limits replaces BOD5 monitoring and limits. [2] Effluent E. coli monitoring and limits replaces fecal coliform monitoring and limits. [3] Effluent PFOS and PFOA monitoring and schedule have been added. [4] Annual effluent monitoring for the nitrogen series (nitrate +nitrite, total Kjeldahl nitrogen and total nitrogen). [5] Two effluent Acute WET tests are required during the permit term. [6] Sludge monitoring for List 1 (Metals), PCB and PFAS is required once during the permit term.

Permit Drafter's Name, Address, Phone and Email: Sheri A. Snowbank, DNR, 810 W Maple St, Spooner, WI, 54801, (715) 635-4131, Sheri.Snowbank@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Eric de Venecia, DNR, 1701 N 4TH ST, Superior, WI 54880, (715) 685-4155, Eric.DeVenecia@wisconsin.gov

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 (715) 635-4131 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 AND ADDRESS OF PUBLISHING NEWSPAPER: Daily Press, PO Box 313, Ashland WI 54806

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