

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0030431-11-0

Permittee: Village of Superior, 6702 Ogden Avenue, Superior, WI, 54880

Facility Where Discharge Occurs: Village of Superior, 76th Street and Logan Ave

Receiving Water And Location: A drainageway tributary to the Pokegama River, Lake Superior Drainage Basin in Douglas County

Brief Facility Description and Summary of Proposed Changes: The Village of Superior owns and operates a domestic wastewater treatment system. A Capacity Rerating Request to change design flow from 0.087 MGD to 0.100 MGD was approved by the department in May 2023. The plant currently treats an average of 0.09 MGD (2019 – 2023 data).

The facility consists of four stabilization ponds that can be operated one after another (in series, typical mode of operation) or together (parallel). Within these ponds naturally occurring bacteria and organisms already present in the wastewater metabolize organic matter in the wastewater. The cleaned wastewater (effluent) is aerated by an effluent cascade before it is seasonally discharged (April, May, June, September, October, and November) to a drainageway tributary to the Pokegama River. Facility planning and design efforts are currently underway to relocate effluent discharge to the Nemadji River (by 2027 per permit schedule).

It is the Department's intention to renew the permit for another term. The proposed new permit expiration date will be September 30, 2029. 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] The influent parameter "Waste Received Leachate" was added to provide the permittee a location to record the amount of leachate accepted from the closed construction site landfill each month. [2] Effluent BOD5 and Total Suspended Solids limits were re-evaluated and the weekly and monthly average limits have changed this permit term. [3] An effluent Variable Nitrogen Ammonia Limit has been added this permit term and the monitoring frequency has changed to weekly. [4] At the end of the schedule the effluent interim Phosphorus limit will end, and the final limits will begin. [5] Effluent PFOS & PFOA monitoring, and minimization was included this permit term. [6] Annual effluent Total Nitrogen Monitoring (TKN, N02+N03 and Total N) monitoring in rotating quarters throughout the permit term was added. [7] Sludge monitoring for List 1 (Metals), PCB and PFOS + PFOA is required during the second full year of the permit term (2026). [8] There is a potential for some desludging to occur over the permit term therefore it's recommended that List 2 (Nutrients) are monitored with the List 1 monitoring, they have been added to the table.

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: Superior Telegram, 1226 Ogden Ave, Superior, WI 54880-1584

Date Notice Issued: Friday, August 16, 2024