

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0020281-09-0

Permittee: VILLAGE OF MOUNT HOREB, 138 East Main Street, Mount Horeb, WI, 53572

Facility Where Discharge Occurs: Mount Horeb Wastewater Treatment Facility, 2450 SAND ROCK ROAD, MOUNT HOREB, WISCONSIN

Receiving Water And Location: West Branch of the Sugar River (West Branch Sugar River/Mt. Vernon Creek Watershed, SP16 – Sugar Pecatonica River Basin) in Dane county

Brief Facility Description and Summary of Proposed Changes: Mount Horeb Wastewater Treatment Facility is an advanced secondary wastewater treatment facility that completed a major upgrade in May 2020. The plant now consists of screening, grit removal, two oxidation ditches with selector basins for biological phosphorus removal and sized for extended aeration activated sludge, chemical phosphorus removal, two final clarifiers, UV disinfection, and post aeration. As part of the facility upgrade the annual average design flow increased from 0.609 MGD to 0.790 MGD. Sludge removed during primary treatment and waste activated sludge is stabilized in an aerobic digestion process, mechanically thickened, and then land applied on department approved sites.

A notice of noncompliance (NON) was issued 2/15/2019 for a sanitary sewer overflow (SSO) 1/17/2019 to 1/21/2019 caused by force main break. A NON was issued 9/4/2020 for total suspended solids, total phosphorus and nitrogen, ammonia effluent limitation violations throughout 2019 and into May of 2020. A NON was issued 9/10/2020 for an SSO on 8/11/2019 due to a force main break. The facility has completed all previously required actions as part of the enforcement process.

After a desk top review of all discharge monitoring reports, CMARs, land application reports, compliance schedule items, and a site visit on July 12, 2023, this facility has been found to be in substantial compliance with their current permit.

Monitoring effluent flow rate is included in the permit. An effluent flow meter was installed in 2018. The sample frequencies for dissolved oxygen, pH, ammonia, and temperature have changed. Fecal coliform monitoring and limits have been replaced with Escherichia coli (E. coli) monitoring and limits. The permit includes an Adaptive Management interim phosphorus limit of 0.6 mg/l expressed as a 6-month average. Chloride limitations have been updated based on chloride effluent data submitted during the previous permit term. An alternative wet weather mass limit has been included in the permit. Annual total nitrogen monitoring is required in specific quarters as outlined in the permit. The permit includes a monthly average Chronic WET limit. The instream waste concentration (IWC) has been updated to 74%. Annual chronic WET tests in rotating quarters are scheduled during the permit term.

Downstream and Upstream surface water monitoring was not required during the previous permit term. Monitoring is included as part of the approved Adaptive Management Plan requirements. PFAS sludge monitoring is required annually pursuant to s. NR 204.06(2)(b)9, Wis. Adm. Code.

Permit Drafter's Name, Address, Phone and Email: BetsyJo Howe, 3911 Fish Hatchery Rd, Fitchburg, WI, 53711, (608) 419-4155, Betsyjo.Howe@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Kenzie Ostien, 3911 Fish Hatchery Road, Fitchburg, WI 53711, (608) 516-6487, kenzie.ostien@wisconsin.gov

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

Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Land application of waste shall be done in accordance with permit conditions and applicable codes. All land application sites shall be approved prior to their use. To receive a list of approved sites, or to be notified of potential approvals, contact the above-named basin engineer.

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 (608) 419-4155 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: Mount Horeb Mail, PO Box 88, Mount Horeb, WI 53572-0088

Date Notice Issued: Thursday, February 20, 2025