

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0036536-08-0

Permittee: ODells Bay Sanitary District No. 1, N7832 Lake View Court, New Lisbon, WI, 53950

Facility Where Discharge Occurs: ODells Bay Sanitary District No. 1, W5387 37th St., New Lisbon, WI 53950

Receiving Water And Location: Yellow River Arm of Castle Rock Lake in Lower Yellow (Juneau Co.) River of Wisconsin River Southern Sub-Basin in Juneau County

Brief Facility Description and Summary of Proposed Changes: The ODells Bay Sanitary District No. 1 owns and operates a 0.063 million gallon per day (MGD) aerated lagoon type wastewater treatment facility for treatment of domestic waste. The annual average influent flow in 2024 was 0.057 MGD and the annual average effluent flow in 2024 was 0.058 MGD. Wastewater treatment is provided by three aerated lagoons, typically operated in series and an ammonia polishing reactor. All three lagoons have insulated covers to improve treatment performance. Lagoon 1 operates as a completely-mixed basin, while Lagoon 2 operates as a partially-mixed basin. The third lagoon provides quiescent settling and contains a small amount of diffused aeration for stabilization of biological oxygen demand. Phosphorus is removed via chemical addition of ferric chloride. Wastewater is disinfected via ultraviolet light prior to discharge to the Yellow River Arm of Castle Rock Lake. During the last permit term a facility upgrade occurred that included the following changes: fine bubble diffuser membranes, new blowers for lagoons, new manholes and process piping, construction of a concrete tank ammonia polishing reactor and a control building to house the office, laboratory, chemical phosphorus removal equipment & electrical equipment, and installation of a new backup generator. Significant effluent monitoring and/or limit changes proposed in the upcoming term are as follows: 1) the sample frequency for flow has been changed from “continuous” to “daily” for eDMR reporting purposes, 2) addition of chronic WET testing twice during the permit term, 3) fecal coliform monitoring & limit have been replaced with *Escherichia coli* (*E. coli*) monitoring and limits, 4) increase in the ammonia monitoring frequency from weekly to twice weekly, 5) an increase in the pH monitoring frequency from weekly to 5/week, and 6) a reduction in the phosphorus TMDL mass limit (goes from 0.97 lbs/day to 0.35 lbs/day, monthly avg), along with a compliance schedule to meet the limit. Radium and PCB sludge monitoring has been removed. Clarification language has been added notifying the permittee they must monitor sludge for List 2 nutrients and meet the requirements of List 3 (Pathogen Control) and List 4 (Vector Attraction Reduction) prior to landspreading if they remove sludge from the lagoon(s). A schedule has been included requiring the permittee submit a sludge management plan prior to removal and land application of sludge from the pond(s). Additionally, to quantitate the risk, PFAS sludge sampling has been included in the permit pursuant to ss. NR214.18(5)(b) and NR 204.06(2)(b)9., Wis. Adm. Code.

Permit Drafter’s Name, Address, Phone and Email: Holly Heldstab, 1300 W Clairemont Ave, Eau Claire, WI, 54701, (715) 492-0483, Holly.Heldstab@wisconsin.gov

Basin Engineer’s Name, Address, Phone and Email: Tanner Connors, 3911 Fish Hatchery Road, Fitchburg, WI 53711, (608) 575-6891, Tanner.Connors@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 (715) 492-0483 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.

PUBLISHING NEWSPAPER: Juneau County Star Times, PO Box 220, Mauston, WI 53948-0220

Date Notice Issued: Thursday, March 6, 2025