

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0025194-10-0

Permittee: Racine Wastewater Utility, 2101 Wisconsin Ave, Racine, WI, 53403-3372

Facility Where Discharge Occurs: Racine Wastewater Utility, 2101 Wisconsin Avenue

Receiving Water And Location: Approximately 500 feet east of Lake Michigan shoreline in Racine County.

Brief Facility Description and Summary of Proposed Changes: The Racine Wastewater Utility is designed to treat 36 MGD and treats on average 21 MGD. Preliminary and primary treatment are achieved by mechanical bar screens, grit chamber, and clarification for solids removal. Ferric chloride is added prior to and after primary treatment for chemical phosphorus removal. Secondary treatment is performed by conventional activated sludge via aeration basins where naturally occurring metabolizing microorganisms present in the wastewater break down organic matter and final clarification. Tertiary treatment is achieved through year-round UV disinfection. Two equalization basins are used during high flow conditions when influent flows exceed peak flow treatment capacity to prevent flood damage and process upsets. This wastewater is re-routed back to the head of the plant when influent flow decreases for full treatment or undergoes chlorinated disinfection/de-chlorination and blends with post-tertiary treatment wastewater. The option to discharge blended effluent during wet weather events will be continued in the reissued permit. Effluent is discharged year-round to Lake Michigan approximately 500 feet offshore. Sludge treatment occurs by anaerobic digestion, gravity belt thickening, belt filter press dewatering, and is either land applied on Department approved sites or landfilled. The Department has found the facility to be in substantial compliance with its current permit.

Permit Drafter's Name, Address, Phone and Email: Melanie Burns, 1027 W St Paul Ave, Milwaukee, WI, 53233, (414) 373-8523, Melanie.Burns@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Jacob Van Susteren-Wedesky, 1027 W St Paul Ave, Milwaukee, WI 53233, (414) 239-1480, jacob.vansusterenwedesky@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 (414) 373-8523 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: The Journal Times

ADDRESS OF PUBLISHING NEWSPAPER: 212 4th St., Racine, WI 53404

Date Notice Issued: Thursday, November 21, 2024