

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0029971-10-0

Permittee: Waukesha City , 600 Sentry Dr, Waukesha, WI, 53186

Facility Where Discharge Occurs: Waukesha City , 600 Sentry Dr Waukesha WI 53186

Receiving Water And Location: Fox (IL) River and Root River, located in the Upper Fox (IL) River and Root River Watersheds in the Fox (IL) River and Root-Pike River Basins in Waukesha and Milwaukee Counties

Brief Facility Description and Summary of Proposed Changes: The City of Waukesha Clean Water Plant operates a 14 MGD extended aeration activated sludge wastewater treatment facility. The WWTF provides service to an estimated population of 73,000 people, as well as 18 categorical and 11 significant industrial users. Wastewater treatment processes currently include screening and grit removal, influent pumping, primary clarification, primary effluent pumping, activated sludge, chemical phosphorus removal with coagulation, secondary clarification and tertiary filtration, ultraviolet light disinfection, and post aeration before discharge to the Fox (IL) River (Outfall 001) and the Root River (Outfall 006). Biosolids treatment processes include waste activated sludge (WAS) thickening by dissolved air flotation, anaerobic digestion of primary solids and WAS, liquid sludge storage, centrifuge dewatering, and dewatered biosolids cake storage. Biosolids are land-applied to Department of Natural Resources (DNR) - approved agricultural sites. As a condition of the 2016 S. Lawrence-Great Lakes River Water Resources Compact approval (Approval), Waukesha must return to the Root River, a daily quantity of treated wastewater equivalent to or in excess of the previous calendar year's average daily diversion. The City is limited to withdrawing no more than 8.2 MGD from Lake Michigan under the terms of the Approval.

Changes to the proposed permit include updating parameter sample types and frequency. E. coli monitoring and limits have replaced fecal coliform. PFOS/PFOA monthly monitoring has been included. For Outfall 001, Chloride final concentration and mass limits have been added to permit with a compliance schedule. The disinfection requirements for Outfall 006 have been expanded to year-round starting Oct 1, 2027 to be protective of recreational uses in the Root River. PFAS monitoring for sludge has also been added.

Permit Drafter's Name, Address, Phone and Email: Amy Garbe, DNR, 141 NW Barstow St Rm 180, Waukesha, WI, 53188, (262) 574-2135, Amy.Garbe@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Nicholas Lent, 1027 W St Paul Ave, Milwaukee, WI 53233, (414) 239-1938, Nicholas.Lent@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.

Dissipative Cooling: The department may account for dissipative cooling of the permittee's treated domestic sewage effluent in determining the need for sub-lethal temperature limits pursuant to s. NR 106.59, Wis. Adm. Code. Based on the department's evaluation it has been determined that sub-lethal effluent limits for temperature are not necessary because the permittee's effluent thermal load is adequately dissipated. Comments on this determination are requested.

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 (262) 574-2135 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: **Milwaukee Journal Sentinel**

ADDRESS OF PUBLISHING NEWSPAPER: **333 W State Street Milwaukee, WI, 53201-0661**

Date Notice Issued: 6/27/2025