

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO MODIFY A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0023370-10-4

Permittee: BELOIT CITY, 555 Willowbrook Road, BELOIT, WI, 53511

Facility Where Discharge Occurs: Beloit Wastewater Treatment Facility, 555 Willowbrook Road

Receiving Water And Location: Rock River (Turtle Creek Watershed, LR01, Lower Rock River Basin) in Rock County.

Brief Facility Description : The City of Beloit operates a wastewater treatment facility (WWTF) providing secondary treatment to a combination of domestic, commercial and industrial wastewater. The WWTF serves the City of Beloit and portions of several small surrounding communities. Treatment units include preliminary influent screening press, grit removal, primary settling, anoxic selector, advanced activated sludge with ammonia and biological phosphorus removal, final clarification, and seasonal effluent chlorine (sodium hypochlorite) contact disinfection and dechlorination (sodium bisulfite).

The City of Beloit WWTP is in the Rock River Basin. A total maximum daily load (TMDL) was developed for the Rock River Basin to determine the maximum amounts of phosphorus and sediment that can be discharged to protect and improve water quality. The Rock River Basin's TMDL was approved by the Environmental Protection Agency (EPA) in September 2011. The entire report can be found at:

http://dnr.wi.gov/topic/TMDLs/RockRiver/Final_Rock_River_TMDL_Report_with_Tables.pdf.

Beloit administers a local industrial pretreatment program approved by the Department on October 14, 1983. The collection system for the City of Beloit is a 100% separate sewer system with no constructed overflow points. The City is also covered under a "no exposure certification" for storm water. The Department has found the City to be in substantial compliance with its current permit.

The sludge treatment at the facility changed effective with permit modification #4 effective September 2025 to include class A sewage sludge treatment utilizing heat drying meeting continuously monitored temperatures of ≥ 80 deg C, daily monitored percent solids of $\geq 10\%$ solids and discrete fecal coliform monitoring of ≤ 1000 MPN/g TS. New solids handling equipment include twin sludge screening units, a single centrifuge (Flottweg), a cake sludge hopper, a belt type heat drying sludge treatment equipment (Veolia), a sludge storage silo, and a biosolids dust collection system.

Class B sludge will no longer be directly land applied by the permittee. The permittee plans to contract for any Class B land application which includes transportation. This land application may be to sites approved for the facility or to sites approved by the WPDES permitted contract hauler. Additionally, the WPDES permitted contractor may discharge Beloit's Class B sludge into DNR approved, WPDES permitted contractor owned storage facilities.

Additionally, the permittee plans to distribute and transport EQ biosolids to area farms and potentially other end users. While the end user may desire to pick-up EQ biosolids directly from the facility, the permittee may contract for transportation, distribution and application of bulk EQ biosolids.

Permit Drafter's Name, Address, Phone and Email: Jennifer Jerich, DNR, N7725 Hwy 28, Horicon, WI, 53032, (920) 450-4078, Jennifer.Jerich@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Ashley Brechlin, 3911 Fish Hatchery Road, Fitchburg, WI 53711, (608) 438-9930, ashley.brechlin@wisconsin.gov

Proposed Modification: Permit Modification #4 completed to add requirements in the Land Application Section for Class A Sludge. Changes made in modification #4 are only in the Land Application Section and Standard Requirements Section of the Permit. The permittee requested this modification due to changes in operations due to equipment upgrade/maintenance for the Class B sludge treatment. These upgrades resulted in Beloit installing treatment to meet Class A sludge requirements. Changes for modification #4 are highlighted in orange.

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

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 (920) 450-4078 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: Beloit Daily News

ADDRESS OF PUBLISHING NEWSPAPER: 149 State St., Beloit, WI 53511

Date Notice Issued: Wednesday, July 30th, 2025