

# CONSENT

18-0147

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION  
SYSTEM (WPDES) PERMIT No. WI-0024601-09-0

Permittee: City of Manitowoc, 900 Quay Street, Manitowoc, WI 54220

Facility Where Discharge Occurs: Manitowoc Wastewater Treatment Facility, 1015 South Lakeview Dr.

Receiving Water and Location: Lake Michigan, Manitowoc County

**Brief Facility Description:** The City of Manitowoc owns and operates an advanced secondary wastewater treatment facility (WWTF). The facility is designed to treat 15.5 million gallons per day (MGD) and currently receives about 7.1 MGD on average. Domestic, commercial, industrial, and truck hauled wastes are received and treated. The permittee manages an approved pretreatment program that regulates industrial contributors. Treatment is provided by trickling filters followed by tertiary filters. Phosphorus removal by chemical precipitation and year-round disinfection are also provided. Sludge is anaerobically digested prior to land application on agricultural fields.

**Summary of Proposed Changes:** Proposed changes to the permit include: 1) Additions of weekly average effluent limits for Fecal Coliform Bacteria, and weekly and monthly average limits for Ammonia and Residual Chlorine, based upon new regulations that became effective on September 1, 2016 affecting chapters NR 106 and 205 of the Wisconsin Administrative Code, to align Wisconsin's effluent limitations with 40 CFR 122.45(d). 2) Change in the interim Phosphorus effluent limit from a 6-month average limit of 0.6 mg/L, to a monthly average limit of 0.9 mg/L, which was statistically derived from data collected during the previous permit term. 3) Removal of the technology based limit (TBL) for Phosphorus of 1 mg/L, which was previously in effect. Since the interim limit for Phosphorus is more restrictive than the TBL for phosphorus – and both are expressed as monthly averages – there is not a need for the TBL to be included in the permit. 3) Removal of the effluent Phosphorus mass limit, because the associated Phosphorus concentration limit is an interim limit, and mass limits do not apply to interim limits. 4) Addition of a Mercury effluent limit, but with continued application of a mixing zone for calculating that limit, under the exception for technical and economic considerations to the mixing zone phase-out for bioaccumulating chemicals of concern at 40 CFR, Part 132, Appendix F, Procedure 3 C. 6, as was applied in the previous permit. The proposed permit also includes updated standard language.

Permit Drafter: Richard Sachs, DNR, 2984 Shawano Avenue, Green Bay, WI 54313-6727, (920) 662-5176, richard.sachs@wisconsin.gov

Basin Engineer: David Gerdman, DNR, 2984 Shawano Avenue, Green Bay, WI 54313-6727, (920) 662-5133, david.gerdman@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 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 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, 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 the permit drafter's and 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) 662-5176 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: Herald Times Reporter, 902 Franklin St., Manitowoc, WI 54220-4514**  
**Date Notice Issued: January 10, 2018**