STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES
PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0022926-09-0

Permittee: Burlington Water Pollution Control, City Hall 300 N. Pine St., Burlington, WI 53105

Facility Where Discharge Occurs: Burlington Water Pollution Control, 2100 S. Pine Street, Burlington, WI

Receiving Water and Location: Fox (IL) River in Racine County

Brief Facility Description and Summary of Proposed Changes: The City of Burlington operates a 3.50 MGD two-stage biological wastewater treatment facility, which went on line in 1992. The plant's organic capacity is 11,350 lb/day. Treatment processes include mechanical screening, grit removal (a new grit washer was installed in April 2006), primary clarification, biological treatment using attached growth media in two biotowers, intermediate clarification, activated sludge aeration for ammonia removal, final clarification, disinfection by ultraviolet light and phosphorus removal with ferrous chloride. Treated effluent is discharged into the Fox River in Racine County. Sludge produced during treatment processes is anaerobically digested, thickened in a gravity belt thickener and stored on-site in two sludge storage tanks of total capacity 3.1 million gallons. Sludge hauling and injection is subcontracted to the City of Burlington. Facility improvements were completed in February 2014. The improvements include rehabilitation of primary and intermediate clarifiers, replacement of pumping equipment, biofilter equipment and media and aeration basin diffusers. Burlington is in substantial compliance with the conditions of its current WPDES permit.

Permit Drafter: Laura Dietrich, DNR, 2300 N. Dr. Martin Luther King Jr. Dr., Milwaukee, WI, 53212-0436, (414) 263-8651, laura.dietrich@wisconsin.gov

Basin Engineer: Timothy Thompson, DNR, 2300 N. Dr. Martin Luther King Jr. Dr., Milwaukee, WI 53212, (414) 263-8525, timothy.thompson@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.

Proposed Mercury Variance: The Department has determined that a water quality-based effluent limitation (WQBEL) of **1.3 ng/L** for mercury is needed to protect wildlife and human health in the above-named receiving water. The permittee has submitted an application for an alternative mercury effluent limitation (AMEL). The application included a pollutant minimization program (PMP) plan for mercury as required under s. NR 106.145(8), Wis. Adm. Code. The Department concludes that the permittee is eligible for a variance based on the information submitted, information on file and the findings provided in s. NR 106.145(1), Wis. Adm. Code. The Department and the permittee have mutually agreed upon an AMEL of **3.1 ng/L**, expressed as a daily maximum, continued influent and effluent monitoring, and permit language requiring implementation of the PMP. The Department proposes to grant the AMEL, which represents a variance to the water quality standard used to derive the WQBEL, as provided for under s. NR 106.145(6), Wis. Adm. Code. The designated use of the receiving water will not change as a result of the variance. This mercury variance must be approved by USEPA prior to its inclusion in the final reissued permit.

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 (if required), and permit application, may be inspected and copied at the permit drafter's or 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) 263-8651 or by writing to the Department. Reasonable costs (usually 20 cents per page) will be charged for copies of information in the file other than the public notice 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: Burlington Standard Press, 1102 Ann St., Delavan, WI 53115
Date Notice Issued: August 14, 2014

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PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0022926-09-0

FOR THE COMPLETE PUBLIC NOTICE AND DETAILS GO TO THE WEB LINK:
http://dnr.wi.gov/topic/wastewater/PublicNotices.html

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

Proposed Mercury Variance: The department and permittee have mutually agreed upon an alternative mercury effluent limit (AMEL) of 3.1 ng/L, expressed as a daily maximum, per NR 106.145(1), Wis. Adm. Code, pending approval by USEPA. This AMEL represents a variance to the water quality standard and is subject to USEPA approval.

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.

The Department may schedule a public informational hearing if requested by any person and shall schedule an 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. Information on requesting a hearing is at the above web link.

Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Information on file for this permit action, including the draft permit, fact sheet (if required), and permit application, may be reviewed on the internet at the above web link or may be inspected and copied at the permit drafter's office during office hours. Information on this permit may also be obtained by calling the permit drafter or by writing to the Department. Reasonable costs (usually 20 cents per page) will be charged for copies of information in the file other than the public notice and fact sheet. 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.