

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0021024-09-0

Permittee: City of Marshfield, 2601 E 34th St., Marshfield, WI, 54449

Facility Where Discharge Occurs: Marshfield Wastewater Treatment Facility, 2601 East 34th Street, Marshfield

Receiving Water And Location: Mill Creek, Located in the Mill Creek Watershed of the Upper Wisconsin River Central Sub-basin in Wood County

Brief Facility Description and Summary of Proposed Changes: The Marshfield Wastewater Treatment Facility treats wastewater from the City of Marshfield as well as the following significant industrial users, Foremost Farms Dairy (cheese making), Marshfield Clinic Medical Center, and Masonite Marshfield Door systems (wood door manufacturing). Other contributors include St. Joseph's Hospital, Marshfield Water Plant, Golden Living Center-Three Oaks, Norwood Health Center, Balchem Sensory Effects (dairy food product manufacturing, formerly Quality Ingredients), Sabra Phoenix Marshfield (formerly Stony River, living center), Wiskerchen Cheese Inc, and Wenzel's Farm Sausage. The facility has an annual average design flow of 4.63 million gallons per day (MGD) and treated an annual average influent flow of 2.83 MGD in 2023. The wastewater is treated with fine screening removal, activated sludge treatment using oxidation ditches, biological phosphorus removal backed up with chemical phosphorus removal, final clarification and gravity belt biosolids thickening. Effluent is discharged to Mill Creek and liquid sludge is land applied on Department approved sites.

Significant operational changes in the upcoming permit term includes tertiary filtration to improve effluent phosphorus removal, installation of low speed mixers to the 1st stage oxidation ditch, replacement of 2 surface aerator drives with variable speed drives, and installation of a second gravity belt sludge thickener. The permittee has requested blending approval as part of their permit application was evaluated and approved per s. NR 210.12(2), Wis. Adm. Code. Significant monitoring and/or limit changes for the upcoming permit term are as follows: 1) addition of influent flow monitoring, 2) the sample point description for in plant sample point 102 has been changed to reflect blending approval and a time reporting requirement added, 3) removal of the effluent mercury variance limit but monitoring continues at the influent and effluent sample points as well as field blank for sample accuracy, 4) addition of effluent nitrogen ammonia limits with increased monitoring frequency, 5) addition of effluent PFOS and PFOA monitoring once every two months and an associated determination of need schedule in accordance with s. NR 106.98(2)(b), Wis. Adm. Code., 6) PFAS sludge sampling has been included for sludge sample point 003 pursuant to ss. NR 214.18(5)(b) and NR 204.06(2)(b)9., Wis. Adm. Code to quantitate risk, and 7) new sludge sample point 004 to account for oxidation ditch sludge removal.

Permit Drafter's Name, Address, Phone and Email: Angela Parkhurst, 1300 W Clairemont Ave, Eau Claire, WI, 54701, (715) 839-3836, Angela.Parkhurst@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Logan Rubeck, 1300 W Clairemont Avenue, Eau Claire, WI 54701, (715) 450-5967, logan.rubeck@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 (715) 839-3836 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: Marshfield News Herald

ADDRESS OF PUBLISHING NEWSPAPER: PO Box 70, Marshfield, WI 54449-0070

Date Notice Issued: Friday, March 8, 2024