

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO MODIFY A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0062103-04-1

Permittee: Badger State Ethanol LLC, 820 West 17th St, Monroe, WI, 53566

Facility Where Discharge Occurs: Badger State Ethanol LLC, 820 W 17th St, Monroe, WI 53566

Receiving Water And Location: Honey Creek, located in the Honey and Richland Creek Watershed (SP01) of the Sugar-Pecatonica River Basin.

Brief Facility Description : Badger State Ethanol (BSE) is a grain ethanol facility in the City of Monroe. The BSE property is located at NW 1/4 & NE 1/4 Section 4, T1N, R7E west of the City of Monroe in Green County. This plant produces approximately 85 MG/year of fuel-grade ethanol per year from corn. Production of ethanol from corn results in production of dried distillers grains and related co-products that are marketed as animal feed supplements and began making antiseptic used in hand sanitizers during the Covid-19 pandemic. The effluent consists of combined cooling tower blowdown, RO system reject and softener blowdown. Water quality additives are added to the waste stream to control biofouling and scaling. The effluent discharges to a detention pond system constructed by the city of Monroe that also receives storm water run-off from the surrounding area. The detention pond then empties into Honey Creek. This facility is categorized as a minor industry, discharging less than 1.0 mgd and is not a primary industry. Therefore, the permit application required effluent sample analyses for a limited number of common pollutants.

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: Kenzie Ostien, 3911 Fish Hatchery Road, Fitchburg, WI 53711, (608) 516-6487, kenzie.ostien@wisconsin.gov

Proposed Modification: Permit Modification -01: Permit modification completed to remove temperature limits that were set to become effective in 2024. The permittee has collected additional data and ensured that the data is representative with the probe in the appropriate location. This permit modification removes temperature limits. Monitoring for temperature will continue with reporting daily temperature data at both the facility Sampling Point 001 and the stormwater pond outlet in April and May. The pond data shall be reported in the comments field of the April and May eDMR. The rest of the year the permittee will report temperature data 3/week.

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

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 (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 AND ADDRESS OF PUBLISHING NEWSPAPER: Monroe Times, 1065 4th Ave West, Monroe, WI,  
53566

Date Notice Issued: Wednesday, February 14, 2024