

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No. WI-0066508-02-0

Permittee: United Energy Necedah, LLC, N7160 Raceway Rd, Beaver Dam, WI, 53916

Facility Where Discharge Occurs: United Energy Necedah, LLC, N9589 State Rd 80, Necedah, WI 54646

Receiving Water And Location: groundwaters in the Town of Necedah located in Juneau county

Brief Facility Description and Summary of Proposed Changes: United Energy – Necedah LLC (UEN) is an ethanol production facility with byproducts of dried distiller's grains with solubles and corn oil. The facility is supplied water from the Village of Necedah and their onsite groundwater well. The groundwater supplied from the well is high in iron and manganese. For the raw well water to be utilized at the facility, the raw well water is treated using a greensand iron filtration system. The filtered well water is then mixed with municipal water from the Village of Necedah and either goes into the cooling tower or further treated through a reverse osmosis (RO) unit where the permeate will be used in their production or boiler system. The iron filter backwash from cleaning the system is discharged into a seepage cell system. The backwash is conveyed into either the south seepage bed (Outfall 001) or the north seepage bed (Outfall 002). The RO reject water and cooling tower blowdown are mixed together before being discharged into the north infiltration basin (Outfall 003). When the water level within the north infiltration basin gets too high, effluent overflows into the south infiltration basin (Outfall 005). The seepage cell system is monitored by a series of groundwater monitoring wells MW-1 through MW-6. Changes in monitoring and/or limits from the previous permit include: 1) new groundwater well limits for organic nitrogen, total dissolved solids, chemical oxygen demand (COD), 2) lower groundwater well pH limit range, 3) exemption of groundwater well limits for iron and manganese per NR 140.28 Wis. Adm. Code, 4) MW-7 was determined to not be needed and therefore not constructed and dropped from the permit, 5) a new nitrogen reduction study requirement, and 6) a requirement for a land treatment management plan per NR 214.12(5)(b) Wis. Adm. Code.

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: Michael Chang, 1300 W Clairemont Avenue, Eau Claire, WI 54701, (715) 491-3639, michael.chang@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: Juneau County Star Times

ADDRESS OF PUBLISHING NEWSPAPER: PO Box 220, Mauston, WI 53948

Date Notice Issued: Thursday, February 20, 2025