

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES)
PERMIT No. WI-0055174-09-0

Permittee: VV Supremo Arena, 6415 Hwy H, Arena, WI, 53503

Facility Where Discharge Occurs: VV Supremo Arena, NWQ SWQ SEC 31 T8N R5E

Receiving Water And Location: Groundwaters of the Lower Wisconsin River Basin in Arena, Wisconsin – SW ¼ SW ¼
Section 31 T8N-R5E

Brief Facility Description and Summary of Proposed Changes: VV Supremo Cheese in Arena, Wisconsin produces a brine culture semi-soft cheese five days a week. VV Supremo Cheese uses approximately 31,000,000 pounds of milk per year and to produce approximately 3,855,000 pounds of cheese. Whey and cream are separated using a centrifuge type separator. Cream is sold to a creamery and approximately 95% of the whey is pumped to a storage silo and sold to whey processing plants. Annual cumulative wastewater discharge has ranged from 3.2 – 3.7 MG/yr during the past five years. Wastewater is generated from cleanup of tanks, vats, equipment, and floors following cheese making and packaging operations. Wastewater drains to three underground solids removal/equalization tank that are 1,000-gallons, 2,000-gallons and 4,000-gallons in size. Untreated wastewater is discharged to either a 4-acre ridge and furrow treatment system or a 2.35-acre sprayfield. The ridge and furrow system consists of 32 cells that are each 1/8 acre in size. A groundwater monitoring system consisting of four monitoring wells is located around the perimeter of the ridge and furrow treatment system. No monitoring wells surround the sprayfield.

Reporting of the chloride mass load to the treatment system in lbs/ac/yr has been added to the monitoring requirements so that this value is entered into the department data system.

BOD5 added for consistency in monitoring requirements between the ridge and furrow and spray irrigation system.

Monitoring frequency for Phosphorus and pH increased to monthly to be consistent with other parameters.

Nitrogen, Max Applied on any Zone limit reduced from 600 lbs/ac/yr to 400 lbs/ac/yr to be consistent with department guidance document “Establishing Nitrogen Limitations in WPDES Permits at Industrial Land Treatment Facilities” 3400-2024-05.

Phosphorus, Dissolved Oxygen and Specific Conductance were added to the monitoring requirements to aid in review of the impact from the treatment system on local groundwater quality.

ACL for chloride and nitrite+nitrate removed and replaced by NR 140 Wis. Adm. Code standards because the background concentrations for those parameters are not elevated.

More information provided in the Groundwater Evaluation for VV Supremo Arena dated May 23, 2024, prepared by Zach Watson, Hydrogeologist.

Permit Drafter’s Name, Address, Phone and Email: Zachary Watson, 1500 N Johns St, Dodgeville, WI, 53533,
(414) 430-0584, Zachary.Watson@wisconsin.gov

Basin Engineer’s Name, Address, Phone and Email: Zachary Watson, 1500 N Johns Street, Dodgeville, WI 53533,
(414) 430-0584, zachary.watson@wisconsin.gov

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

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 (414) 430-0584 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: Home News Spring Green, 1126 Mills St, PO Box 286, Black Earth, WI, 53515-0286

Date Notice Issued: Wednesday, October 23, 2024