

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0038083-10-0

Permittee: Darling Ingredients Inc, 5601 N MacArthur Blvd, Irving, TX 75038

Facility Where Discharge Occurs: Darling Ingredients Inc, W694 White Ridge Road, Berlin, WI

Receiving Water And Location: Effluent ditch leading to Harrington Creek, and the groundwater of the Fox River/Berlin Watershed (UF06), Upper Fox River Basin via spray irrigation in Green Lake County

Brief Facility Description: Darling Ingredients Inc. recycles inedible animal by-products, meat wastes, and cooking oils into dry rendered meat and bone meal, inedible tallow, and/or yellow grease. Wastewater generated from the processing operations is treated by an anaerobic lagoon, aerobic lagoon, final clarifier, and then discharged into the sanitary sewer or to wastewater storage lagoons and then spray irrigated to adjacent fields. Biosolids generated at the treatment plant can be land applied or taken to approved manure pits. Groundwater monitoring wells surround the storage lagoons and spray irrigation fields. Noncontact cooling water (NCCW) is discharged to Harrington Creek. NCCW is discharged from the production facility via a PVC pipe, a rip-rap area, and a culvert under a bike trail and then to a large cooling pond, approximately 450' by 80' by 5' deep. Discharge from the pond is via two control box structures on either end, those discharge streams combine about 200 feet from the pond which flows to Harrington Creek. Flow is measured as it leaves the production facility, and it is hard piped to the bottom of the hill, then it open channel flows under a trail, and into a culvert that empties into the cooling pond.

Summary of Proposed Changes: (1) Addition of a narrative effluent limit for total phosphorus. (2) Addition of total maximum daily load (TMDL) derived limits for total phosphorus to become effective per the TMDL Derived WQBELs for Total Phosphorus schedule. (3) Addition of TMDL derived limits for TSS. (4) Changed thermal monitoring to monitoring only November-April each year with an effluent limit of 86 °F as a daily maximum applicable May-October each year. (5) Changed the land treatment (LT) chloride (lbs/ac/yr) parameter to "Chloride, Max Applied to Any Zone" with the Annual Total limit. (6) Addition of LT total nitrogen monitoring. (7) Addition of LT "Nitrogen, Max Applied On Any Zone" monitoring. (8) Removed groundwater alternative concentration limits for the Preventive Action Limit (PAL) and Enforcement Standard (ES) for nitrite+nitrate nitrogen. (9) Decreased the groundwater (GW) PAL for chloride. (10) Decreased the GW PAL for TDS. (11) Changed the pH sampling parameter from pH Lab to pH Field and updated the PALs. (12) Addition of PFAS land application monitoring. (13) Addition of schedules for TMDL derived WQBELs for total phosphorus, land treatment management plan updates, GW monitoring well site map submittal, and GW monitoring well lat/long. (14) Updated standard language.

Permit Drafter's Name, Address, Phone and Email: Sarah Donoughe, DNR, 2984 Shawano Ave, Green Bay, WI 54313-6727, (920) 366-6076, Sarah.Donoughe@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Mark Stanek, DNR, 625 E Cty Rd Y, Ste 700, Oshkosh, WI 54901, (920) 808-0670, Mark.Stanek@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 (920) 662-5148 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: Berlin Journal

ADDRESS OF PUBLISHING NEWSPAPER: PO Box 10, Berlin, WI 54923-0010

Date Notice Issued: Thursday, August 22, 2024