

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0066648-02-0

Permittee: Essential Industries Inc, PO Box 12, Merton, WI, 53056

Facility Where Discharge Occurs: Essential Industries Inc, 28391 Essential Rd, Merton, WI 53056

Receiving Water And Location: Bark River in the Bark River Watershed of Lower Rock River Basin in Waukesha County

Brief Facility Description: Essential Industries produces polymers and resins for floor finishes as well as a variety of detergents and packaged finished goods for the sanitary maintenance supply industries. Soft water and reverse osmosis (RO) water are used for producing soap and detergent products. Discharge rates increased during the previous permit term due to the addition of a vacuum distillation system that utilizes a closed-loop chiller system. The discharge is made up of RO filter water discharge (approximately 775 gpd), water softener brine water discharge (approximately 46 gpd), and noncontact cooling (NCCW) (approximately 77,322 gpd). The discharge was previously covered under the NCCW general permit and switched to an individual permit in 2020 due to the total discharge containing additional wastewater other than NCCW.

Permit Drafter's Name, Address, Phone and Email: Amanda Perdsock, DNR, 101 S. Webster St. PO Box 7921, Madison, WI, 53707, (608) 267-7635, [Amanda.Perdsock@wisconsin.gov](mailto:Amanda.Perdsock@wisconsin.gov)

Basin Engineer's Name, Address, Phone and Email: Nicholas Lent, 1027 W St Paul Ave, Milwaukee, WI 53233, (414) 897-5723, [Nicholas.Lent@wisconsin.gov](mailto:Nicholas.Lent@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 (608) 267-7635 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.