

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0061654-05-0

Permittee: SELWOOD FARM POA, 14115 Crestview Dr, Prairie du Sac, WI, 53578

Facility Where Discharge Occurs: Selwood Farm POA WWTF, CRESTVIEW DRIVE, PRAIRIE DU SAC, WISCONSIN

Receiving Water And Location: Groundwaters of the Lake Wisconsin watershed (LW19) in the Lower Wisconsin River Basin.

Brief Facility Description:

Selwood Farm Property Owners Association (POA) operates a wastewater treatment facility that serves 76 lots that make up the property owners association. Currently 75 homes have been built in the subdivision with a current population of approximately 175. Homes in the subdivision are served by shared wells (not a public drinking water system). The WWTF consists of a recirculating media filter system comprised of a collection system, a three chamber septic tank, a dosing chamber, a recirculating media filter and a 0.65-acre drip irrigation field.

The solids are settled out in the septic tank and the wastewater flows to the recirculating sand filter. Next, the effluent from the recirculating sand filter is routed back through a splitter basin which recycles a portion of the wastewater effluent back to the septic tank to pick up a carbon source which aids in the conversion of nitrate/nitrite to nitrogen gas. The remaining effluent is discharged to groundwater via the drip irrigation system consisting of six zones. The monthly maximum design flow of the system is 0.0205 MGD, with current effluent flow to the land treatment system averaging 0.0164 MGD from 2021 – 2025.

Groundwater at the site is monitored by a groundwater monitoring system consisting of a background well to assess ambient groundwater chemistry upgradient of the land treatment system and two downgradient wells to determine compliance with state groundwater standards (ch. NR 140, Wis. Adm. Code). Solids in the septic tank are handled as septage and requirements for septage management are determined in accordance with ch. NR 113, Wis. Adm. Code. Solids are removed from the septic tank compartments by a licensed septage hauler and land spread on approved fields.

Permit Drafter's Name, Address, Phone and Email: Zachary Watson, 1500 N Johns St, Dodgeville, WI, 53533, (608) 910-2822, Zachary.Watson@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Tanner Connors, 3911 Fish Hatchery Road, Fitchburg, WI 53711, (608) 575-6891, Tanner.Connors@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) 910-2822 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.