STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO MODIFY A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0025631-10-1 TO INCORPORATE A VARIANCE TO A WATER QUALITY STANDARD USED TO ESTABLISH EFFLUENT LIMITATIONS

Permittee: VILLAGE OF TURTLE LAKE, P.O. Box 11, Turtle Lake, WI, 54889

Facility Where Discharge Occurs: Turtle Lake Village of, 522 LOGAN AVENUE, TURTLE LAKE, WISCONSIN

Receiving Water And Location: An open-water wetland to an unnamed Stream into Moon Creek within the Hay River Watershed in the Lower Chippewa Drainage Basin in Barron County.

Brief Facility Description : The Village of Turtle Lake owns and operates a domestic wastewater treatment system. The activated sludge treatment system consists of two gravity sanitary sewer lines to convey the domestic and industrial influent wastewater flows to the site. The effluent flows into a screening and sampling building. Here inorganic trash and debris is removed before it enters three anaerobic (non-oxygenated) cells where it mixes with some activated sludge which breaks down the organic matter and provides phosphorus and ammonia removal. Activated sludge is composed of settled solids containing naturally occurring bacteria and protozoa recycled from the treatment system. The wastewater then flows to two oxidation ditches (circular basins) operated in parallel where BOD and ammonia is reduced. Chemicals which cause phosphorus to settle can then be added if needed at the chemical mixing manhole. The water is then pumped into two final clarifiers operated in parallel where solids are settled out. The settled solids (sludge) is removed from the clarifier and is either treated in an aerobic digester, thickened in the sludge centrifuge, and stored as cake before being land applied to DNR approved farmland sites or returned to the anaerobic cells to re-seed the new wastewater entering the tank. The cleaned wastewater (effluent) from the clarifiers is discharged to a wetland connected to an unnamed stream tributary to Moon Creek.

The above named permittee has been issued a Wisconsin pollutant discharge elimination system (WPDES) permit to discharge into the above named receiving water. The permittee requested a variance from chloride of the water quality standards used to establish the effluent limitations included in the above described permit. Following the procedure required by s. 283.15 Stats., the Department has considered information contained in the variance application, the WPDES permit file and comments received during the public notice period as a basis for its determination. The Department has issued a tentative decision on the requested variance and has tentatively decided that the WPDES permit should be modified to incorporate the variance as approved. The final decision to incorporate the variance is subject to USEPA approval.

Proposed Modification to Incorporate a Variance: A chloride interim weekly average limit of 920 mg/L has been included with a target goal of 830 mg/L. A schedule to preform Source Reduction Measures is also required. It is an investigation of chloride sources and implementation of reduction measures with the ultimate goal of meeting the target value.

Permit Drafter's Name, Address, Phone and Email: Sheri A. Snowbank, DNR, 810 Maple Street, Spooner, WI, 54801, (715) 635-4131, sheri.snowbank@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Michelle Balk, 810 W Maple Street, Spooner, WI 54801, (715) 635-4054, Michelle.Balk@Wisconsin.gov

Persons wishing to comment on or object to the proposed permit action, 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.

Information on file for this permit action, including the draft permit, fact sheet (if required), 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) 635-4131 or by writing to the Department. Reasonable costs (usually 20 cents per page) will be charged for copies of information in the file other than the public notice 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: The Times

ADDRESS OF PUBLISHING NEWSPAPER: PO Box 88, Turtle Lake, WI 54889-0088

Date Notice Issued: March 5, 2015

STREAMLINED PUBLIC NOTICE VERSION FOR NEWSPAPER

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

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FOR THE COMPLETE PUBLIC NOTICE AND DETAILS GO TO THE WEB LINK:
http://dnr.wi.gov/topic/wastewater/PublicNotices.html

Permittee: VILLAGE OF TURTLE LAKE, P.O. Box 11, Turtle Lake, WI, 54889

Facility Where Discharge Occurs: Turtle Lake Village of, 522 LOGAN AVENUE, TURTLE LAKE, WISCONSIN

Receiving Water And Location: An open-water wetland to an unnamed Stream into Moon Creek within the Hay River Watershed in the Lower Chippewa Drainage Basin in Barron County.

Brief Facility Description: The Village of Turtle Lake owns and operates an activated sludge wastewater treatment system followed by two oxidation ditches, chemical phosphorus removal and two final clarifiers. The sludge removed from the clarifier and is either treated in an aerobic digester, thickened in the sludge centrifuge, and stored as cake before being land applied to approved farmland sites or returned to re-seed the new wastewater. The effluent from the clarifiers is discharged to a wetland connected to an unnamed stream tributary to Moon Creek.

Permit Drafter's Name, Address, Phone and Email: Sheri A. Snowbank, DNR, 810 Maple Street, Spooner, WI, 54801, (715) 635-4131, sheri.snowbank@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Michelle Balk, 810 W Maple Street, Spooner, WI, 54801, (715) 635-4054, Michelle.Balk@Wisconsin.gov

The Department has tentatively decided that the above specified WPDES permit should be modified to incorporate a variance.

Proposed Chloride Variance: the permittee has requested a variance to the chloride water quality based effluent limit as allowed under NR 106.83(2). The department concurs with this request, pending USEPA approval.

Proposed Modification to Incorporate a Variance: A chloride interim weekly average limit of 920 mg/L has been included with a target goal of 830 mg/L. A schedule to preform Source Reduction Measures is also required.

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 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.

The Department may schedule a public informational hearing if requested by any person and shall schedule an 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, Stats. Information on requesting a hearing is at the above web link.

Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Information on file for this permit action, including the draft permit, fact sheet (if required), and permit application, may be reviewed on the internet at the above web link or may be inspected and copied at the permit drafter's office during office hours. Information on this permit may also be obtained by calling the permit drafter or by writing to the Department. Reasonable costs (usually 20 cents per page) will be charged for copies of information in the file other than the public notice and fact sheet. 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.