STATE OF MINNESOTA

Minnesota Pollution Control Agency

Municipal Division

National Pollutant Discharge Elimination System (NPDES)/
State Disposal System (SDS) Permit MN0049531

PERMITTEE: City of Eitzen
FACILITY NAME: Eitzen Wastewater Treatment Facility
RECEIVING WATER: Intermittent Stream (Class 2B, 3C, 4A, 4B, 5, 6 Water)

TOWNSHIP: Winnebago **COUNTY:** Houston
ISSUANCE DATE: **EXPIRATION DATE:**

The state of Minnesota, on behalf of its citizens, through the Minnesota Pollution Control Agency (MPCA), authorizes the Permittee to operate a disposal system at the facility named above and to discharge from this facility to the receiving water named above, in accordance with the requirements of this permit.

The goal of this permit is to reduce pollutant levels in point source discharges and protect water quality in accordance with Minnesota and US statutes and rules, including Minn. Stat. chs. 115 and 116, Minn. R. chs. 7001, 7049, 7050, 7053, 7060, and the US Clean Water Act.

This permit is effective on the issuance date identified above, and supersedes the previous permit that was issued for this facility on November 9, 2007. This permit expires at midnight on the expiration date identified above.

Signature: _____

Aaron N. Luckstein
Supervisor, Southeast Regional Unit
Rochester Office
Municipal Division

*for t*he Minnesota Pollution Control Agency

Submit DMRs to:
Attention: Discharge Monitoring Reports
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Submit Other WQ Reports to:
Attention: WQ Submittals Center
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Questions on this permit?

- For DMR and other permit reporting issues, contact: Tamara Dahl, 507-476-4252.
- For specific permit requirements or permit compliance status, contact: Mark Hugeback, 507-206-2650.
- General permit or NPDES program questions, contact: MPCA, 651-282-6143 or 1-800-657-3938.

Facility Description

The Eitzen Wastewater Treatment Facility (Facility) is located in the SE¼ of the NW¼ of Section 33, Township 101 North, Range 5 West, Winnebago Township, Houston County, Minnesota.

The application and plans indicate that the existing treatment system consists of a gravity main, a double-sealed two-cell stabilization pond system (2.74 and 1.28 acres), and 3,145 feet of forcemain to a three-site spray irrigation area, totaling 66 acres. This is a Class D facility.

The pond system provides a detention time of approximately 180 days and was designed to treat an average wet weather flow of 24,000 gallons per day (gpd) with a five-day carbonaceous biochemical oxygen demand strength of 319 milligrams per liter.

The Facility discharges treated wastewater to the spray irrigation area except when the ground is frozen or saturated. During emergency situations, the Facility may also discharge from the pond system to an intermittent creek.

Because the city of Eitzen is located in an area of southeastern Minnesota where karstic geological characteristics are prevalent, the Permittee was required in an administrative order to develop a contingency plan to be implemented in the event that the Facility is affected by these characteristics. Special requirements and definitions pertaining to karst geology can be found in the Limits and Monitoring section and in Chapter 1 - Karst Requirements.

The Facility is further described in plans and specifications on file with the MPCA and in a facilities plan by Davy Engineering of LaCrosse, Wisconsin.

In accordance with MPCA rules regarding nondegradation for all waters that are not Outstanding Resource Value Waters, nondegradation review is required for any new or expanded significant discharge (Minn. R. 7050.0185). A significant discharge is 1) a new discharge (not in existence before January 1, 1988) that is greater than 200,000 gpd to any water other than a Class 7 water or 2) an expanded discharge that expands by greater than 200,000 gpd that discharges to any water other than a Class 7 water or 3) a new or expanded discharge containing any toxic pollutant at a mass loading rate likely to increase the concentration of the toxicant in the receiving water by greater than one percent over the baseline quality. The flow rate used to determine significance is the design AWW flow. The January 1, 1988, design AWW flow for this facility is 24,000 gpd.

This permit also complies with Minn. R. 7053.0275 regarding anti-backsliding.

Any point source discharger of sewage, industrial, or other wastes for which a National Pollutant Discharge Elimination System Permit has been issued by the MPCA that contains effluent limits more stringent than those that would be established by parts 7053.0215 to 7053.0265 shall continue to meet the effluent limits established by the permit, unless the Permittee establishes that less stringent effluent limits are allowable pursuant to federal law, under section 402(o) of the Clean Water Act, United States Code, title 33, section 1342.

The location of the facility is shown on the "Topographic Map of Permitted Facility" (page 4) and the location of designated monitoring stations is specified on the "Summary of Stations" (page 5).