STATE OF MINNESOTA

Minnesota Pollution Control Agency

Municipal Division

State Disposal System (SDS) Permit MN0052647

PERMITTEE: City of Kimball
FACILITY NAME: Kimball Wastewater Treatment Facility

TOWNSHIP: Maine Prairie **COUNTY:** Stearns
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, 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 March 12, 2008. This permit expires at midnight on the expiration date identified above.

Signature: _____

Ronald R. Swenson, Supervisor
North Central Regional Unit
Municipal Division

for The Minnesota Pollution Control Agency

Submit DMRs to:
Attention: Discharge Monitoring Reports
Minnesota Pollution Control Agency
520 Lafayette Rd N
St Paul, MN 55155-4194

Submit Other WQ Reports to:
Attention: WQ Submittals Center
Minnesota Pollution Control Agency
520 Lafayette Rd N
St Paul, MN 55155-4194

Questions on this permit?

- For DMR and other permit reporting issues, contact: Belinda Nicholas, 651-757-2613.
- For specific permit requirements or permit compliance status, contact: Adam Gulsvig, 651-757-2179.
- General permit or NPDES program questions, contact: MPCA, 651-282-6143 or 1-800-657-3938.

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Facility Description

The Kimball Wastewater Treatment Facility (Facility) is located in Sections 1 and 12, Township 121 North, Range 29 West, Maine Prairie Township, Stearns County, Minnesota. This is a Class D Facility.

Major components of the Facility include:
2 Primary Stabilization Ponds - 5 acres each, measured at the 3 foot operating depth
1 Secondary Stabilization Pond - 5 acres, measured at the 3 foot operating depth
1 Spray Irrigation Site – 96.5 acres

The existing Facility consists of a lift station with an emergency generator, approximately 6,800 feet of eight-inch force main, a three-cell stabilization pond system, approximately 2,300 feet of eight-inch and 1,900 feet of ten-inch irrigation force main, and three center pivot spray irrigation sites totaling 96.5 acres.

The Facility is designed to treat an average wet weather flow of 120,335 gallons per day with a five-day carbonaceous biochemical oxygen demand strength of 203 milligrams per liter. The Facility provides a detention time of 210 days at design flow. Since the stabilization ponds were originally built to a height of ten feet, each pond has an operating depth between two and seven feet, rather than the more typical range of two to six feet. There are aerators in both primary cells to provide for proper mixing within the five feet of operating depth.

There are two groundwater monitoring wells that are sampled three times per year. There are no known bypass or overflow points known to exist at this treatment system.

The Facility is further described in plans and specifications on file with the Minnesota Pollution Control Agency, and in an engineering report by Meyer-Rohlin, Inc., of Buffalo, Minnesota.

The location of the Facility is shown on the "Topographical Map of Permitted Facility" on page 4. The location of designated monitoring stations is specified on the "Summary of Stations" on page 5.