STATE OF MINNESOTA

Minnesota Pollution Control Agency

Municipal Division

State Disposal System (SDS) Permit MN0024465

PERMITTEE: City of Parkers Prairie
FACILITY NAME: Parkers Prairie Wastewater Treatment Facility

TOWNSHIP: Parkers Prairie **COUNTY:** Otter Tail
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 April 25, 2008. This permit expires at midnight on the expiration date identified above.

Signature: _____

Paul C. Scheirer, Supervisor
Northeast/Northwest 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: Tamara Dahl, 507-476-4252.
- For specific permit requirements or permit compliance status, contact: Justin Barrick, 218-316-3858.
- General permit or NPDES program questions, contact: MPCA, 651-282-6143 or 1-800-657-3938.

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Facility Description

The Parkers Prairie Wastewater Treatment Facility (Facility) is located in Section 21, Township 131 North, Range 37 West, Parkers Prairie Township, Otter Tail County, Minnesota. This is a Class D Facility.

Major components of the Facility include:
1 Primary Stabilization Pond -14 acres
1 Secondary Stabilization Pond - 6 acres
3 Rapid Infiltration Basins - 8.1 acres total
2 Spray Irrigation Sites - 86.6 acres total

The existing Facility consists of six lift stations (one is a main lift station), approximately 2,973 feet of 8-inch force main, a two-cell stabilization pond system, three rapid infiltration basins, approximately 2,600 lineal feet of irrigation piping, and two spray irrigation sites each with a center pivot irrigation rig.

The Facility is designed to treat an average wet weather flow of 143,300 gallons per day with a 5-day carbonaceous biochemical oxygen demand strength of 191 milligrams per liter. After the wastewater exits the stabilization pond system, the wastewater can flow to either the rapid infiltration basins (2.7 acres each) or to the spray irrigation sites (37.8 acres and 48.8 acres). The Facility has a total detention time of approximately 180 days at design flow.

The Facility has a monitoring well network that surrounds the rapid infiltration basins. Monitoring wells GW003, GW005, GW008, and GW010 are sampled on a monthly basis in April, July, and October. The Facility has one designed bypass structure that is operated manually and is kept locked.

The Facility is further described in plans and specifications on file at the Minnesota Pollution Control Agency (approved March 17, 1986) and in an engineering report by the former firm of Larson, Peterson, and Associates, Inc., now Ulteig Engineers, Inc., Detroit Lakes, Minnesota.

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