STATE OF MINNESOTA

Minnesota Pollution Control Agency

Municipal Division

National Pollutant Discharge Elimination System (NPDES)/
State Disposal System (SDS) Permit MN0054305

PERMITTEE:	City of Millerville
FACILITY NAME:	Millerville Wastewater Treatment Facility
RECEIVING WATER:	County Ditch No. 4 (Class 2B, 3C, 4A, 4B, 5, 6 Water)

TOWNSHIP:	Millerville	**COUNTY:**	Douglas
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 March 19, 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: Belinda Nicholas, 651-757-2613.
- 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 Millerville Wastewater Treatment Facility (Facility) is located in the NW ¼ and the NE ¼ of Section 23, Township 130 North, Range 39 West, Millerville Township, Douglas County, Minnesota. This is a Class D Facility.

Major components of the Facility include:
54 Septic Tanks
1 Primary Stabilization Pond (1.56 acres)
1 Secondary Stabilization Pond (1.56 acres)
1 Spray Irrigation Site - agricultural (32 acres)

The existing Facility consists of approximately 54 septic tanks discharging primary treated wastewater to a two-cell stabilization pond system via a lift station and 3,400 feet of force main. From the secondary cell, wastewater is discharged to the spray irrigation site. The Facility is designed to treat an average wet weather flow of up to 19,500 gallons per day (gpd) with a five-day carbonaceous biochemical oxygen demand strength of 211 milligrams per liter. The Facility's total detention time is 210 days at design flow. The septic tanks are cleaned routinely, with the septage hauled to the primary cell of this Facility for treatment.

In addition to spray irrigation, this Facility has the capability of a surface water discharge (Station SD001). A 20-foot section of 6-inch pipe was installed between the existing effluent control structure/building and the existing 6-inch discharge pipe currently leading to the spray irrigation equipment. The surface discharge pipe section originates inside the building that houses the control structure, valves, and spray irrigation discharge pump. The treated wastewater flows by gravity from the secondary cell through the control structure, then into the discharge pipe. Once it reaches County Ditch 4, treated wastewater is discharged through a manually actuated valve. This controlled discharge is directly into County Ditch 4 (Class 2B, 3C, 4A, 4B, 5, 6 Water) which leads to the Chippewa River. The Permittee will only discharge into County Ditch 4 when the land under the irrigator cannot handle more flow due to saturation or potential crop failure due to high flows/precipitation.

The treatment system is further described in a Facility Plan submitted by the firm of McCombs-Knutson Associates, Inc., Plymouth, Minnesota, and in plans and specifications on file with the Minnesota Pollution Control Agency.

There are no bypass or overflow points known to exist in the treatment system.

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 average wet weather flow. The January 1, 1988 design average wet weather flow for this facility is 0 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 NPDES 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" on page 5. The location of designated monitoring stations is specified on the "Summary of Stations" on page 6.