STATE OF MINNESOTA

Minnesota Pollution Control Agency

Municipal Division

National Pollutant Discharge Elimination System (NPDES)/
State Disposal System (SDS) Permit MN0024228

PERMITTEE:	City of Montrose
FACILITY NAME:	Montrose Wastewater Treatment Facility
RECEIVING WATER:	Woodland WMA (Mud Lake) (Class 2D, 3D, 4C, 5, 6 Water)

TOWNSHIP:	Woodland	**COUNTY:**	Wright
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, 7041, 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 June 4, 2007. This permit expires at midnight on the expiration date identified above.

Signature: _____

Bill Priebe, Supervisor
Municipal Wastewater Metro 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 Montrose Wastewater Treatment Facility (Facility) is located in the SW ¼ of the NW ¼ of Section 1, Township 118 North, Range 26 West, Woodland Township, Wright County, Minnesota. This is a Class B Facility. The City of Waverly and the 12 Hi Estates Mobile Home Park are connected to this Facility.

Major Components of the Facility Include:
1 Rotating Fine Screen and 1 Mechanical Bar Screen
2 Earthen High Intensity Aerated Ponds – Ponds 1 and 2 are 1.375 acres each
3 Polishing Ponds (no aeration) – Pond 3 is 5.62 acres; Pond 4 is 5.59 acres, and Pond 5 is 5.4 acres
Ferric Chloride Addition – for phosphorus removal
2 Final Clarifiers
Ultraviolet Disinfection
1 Storage Tank – for biosolids
Lime Treatment, Class B
Land Application of Biosolids

The Facility is designed for a continuous discharge (SD001) to the Woodland Wildlife Management Area (Class 2D, 3D, 4C, 5, 6 Water) to an unnamed creek (Class 2B, 3C, 4A, 4B, 5, 6 Water) and to treat an average wet weather flow of 0.781 million gallons per day (mgd), 0.411 mgd average dry weather flow, 1.380 mgd peak hourly wet weather flow, 740 pounds per day (114 mg/L) of 5-day carbonaceous biochemical oxygen demand ($CBOD_5$), and 822 pounds per day (126 mg/L) of total suspended solids (TSS).There are no known bypasses in the treatment system.

In accordance with Minnesota Pollution Control Agency rules regarding nondegradation for all waters that are not Outstanding Resource Value Waters (ORVW), 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 gallons per day to any water other than a Class 7 water or 2) an expanded discharge that expands by greater than 200,000 gallons per day 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 0.145 mgd.

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 agency 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 4. The location of designated monitoring stations is specified on the "Summary of Stations" on page 5.