STATE OF MINNESOTA

Minnesota Pollution Control Agency

Municipal Division

State Disposal System (SDS) Permit MN0066567

PERMITTEE: Wyldewood Acres Homeowner's Association
FACILITY NAME: Wyldewood Acres Wastewater Treatment Facility

CITY: Scandia **COUNTY:** Washington
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, 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 October 28, 2008. This permit expires at midnight on the expiration date identified above.

Signature: _____

Bill D. Priebe, P.E. *for* The Minnesota Pollution Control Agency
Supervisor, Metro Regional & Infrastructure Financing Unit
Municipal Wastewater Section
Municipal Division

Submit eDMRs
Submit via the MPCA Online Services Portal at https://netweb.pca.state.mn.us/private/

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 eDMR and other permit reporting issues, contact: Tamara Dahl, 507-476-4252.
- For specific permit requirements or permit compliance status, contact: Kaitlin Boutelle, 651-757-2306.
- General permit or NPDES program questions, contact: MPCA, 651-282-6143 or 1-800-657-3938.

Facility Description

The Wyldewood Acres Wastewater Treatment Facility (Facility) is located at SE 1/4 of SE 1/4 of Section 15, Township 32 North, Range 20 West, Scandia, Washington County, Minnesota. This is a Class D facility.

Major components of the Facility include:

27 Individual Grinder Pumps
1 Septic Tank (7,500 gal)
1 Septic Tank (7,500 gal) - compartmentalized
1 Constructed Wetland - subsurface flow (9,000 sq ft)
3 Subsurface Mounds (19,718 sq ft)

The application and plans indicate that the Facility is designed for 23 three and a half -bedroom homes and 4 three-bedroom homes in New Scandia Township, Washington County. There are currently 20 homes connected to the wastewater system.

Each house has an individual grinder pump, which pumps the sewage through a two inch high-density polyethylene low pressure force main, approximately 4,000 feet in length. Wastewater flows through magnetic influent flow meters prior to two septic tanks operated in series. Both are 7,500 gallons, the first is un-compartmentalized and the second has 2 compartments. The second tank contains effluent filters. Next, wastewater is processed by one 9,000 square foot constructed wetland treatment system. A 5,000 gallon dosing tank doses a 19,718 square foot drainfield system (pressurized infiltration chambers) which consists of 3 zones with dedicated pumps to alternate usage of the zones.

The Average Wet Weather (AWW) design flow is 8,925 gallons per day (gpd). The influent 5-day Biochemical Oxygen Demand concentration is approximately 250 milligrams per liter (mg/L) and the Total Suspended Solids concentration is approximately 250 mg/L.

There are no designated bypass points in the treatment system. This SDS Permit authorizes no discharge to surface waters.

The location of the facility is shown on the "Topographic Map of Permitted Facility" (page 5).

The location of designated monitoring stations is specified on the "Summary of Stations" (page 6).