# STATE OF MINNESOTA
# CASS COUNTY
# ENVIRONMENTAL SERVICES

## INDIVIDUAL SEWAGE TREATMENT SYSTEM PERMIT
## No. 01041

**PERMITTEE:** **Wabedo Township- Barbara Anderson- Township Clerk**

**FACILITY NAME: South Little Boy NE Subordinate Service District**

**ADDRESS: 1535 Bargen Lane NE** **PHONE: 218.363.2649**

**Longville, MN 56655**

**GIS LOCATION: 408086, 5198303**

**ISSUANCE DATE: 02-01-2012** **EXPIRATION DATE: 12-31-2017**

Cass County, on behalf of its citizens through Cass County Environmental Services authorizes the Permittee to discharge from an onsite wastewater treatment system at the facility named above to the groundwater of the Upper Mississippi River Basin in Cass County in accordance with the requirements of this permit.

The permit is effective on the issuance date identified above.

This permit and the authorization to discharge shall expire 12/31/2017. The Permittee is not authorized to discharge after the above date of expiration. In order to receive authorization to discharge beyond the above date of expiration, the Permittee shall submit such information and forms as are required by Cass County Environmental Services no later than 30 days prior to the above date of expiration.

*Signature:* _____

Cass County Environmental Services Owner/Agent

If you have questions regarding this permit, including the specific permit requirements, permit reporting, or permit compliance status, please contact:

Cass County Environmental Services
Courthouse Box 3000
Walker, MN 56484

I. **DESCRIPTION:** The system provides wastewater treatment for eight houses adjacent to Little Boy Lake. The system consists of four 1000 gallon and four 1250 gallon septic tanks with one 250 gallon lift tank which flow to a duplex pumped ???? gallon lift tank that pumps to a 1500 stilling tank that gravity feeds 560 lineal feet of SB2 graveles pipe.

II. **PERFORMANCE REQUIREMENTS:** During the period beginning on the effective date of this permit and lasting until this permit's expiration date, the Permittee is authorized to discharge treated water from this system to the groundwater No discharge from the system to surface water nor overland flow from any of the system components is permitted. The maximum of an average seven day daily flow can't be more than 75% of 2025 est. gallons.
This discharge shall be limited by the Permittee as specified below:

| PARAMETER | DAILY | OTHER | FREQUENCY | LOCATION | SAMPLE TYPE |
|---|---|---|---|---|---|
| **Water volumes** | Max 75% 2025 gpd | July | Weekly | Pump – Event Counter | GPD Measured Per Acceptable Industry Standards |
| | | | | | |
| **Spring Inspection:** | | | | | |
| Septic Tanks | | April | Annual | Septic Tanks | Fill out Form 5-2 |
| Pump Tank | | April | Annual | Pump Tank | Fill out Form 6-1 |
| Stilling Tank | | April | Annual | Stilling Tank | Fill out Form 5-2 |
| | | | | | |
| **Fall Inspections:** | | | | | |
| Drain field Insp. | | October | Annual | Soil Treatment Area | Fill out Form 8-1 Questions 2 & 4 |
| Pump tank Insp. | | October | Annual | Pump tank | Fill Out Form 6-1 Questions 2, 4f Form 5-2 Question 5 |
| Stilling Tank Insp | | October | Annual | Stilling Tank | Fill out Form 5-2 Questions 2, 6a |

## III. **A. MAINTENANCE REQUIREMENTS:**

| PARAMETER | LOCATION | FREQUENCY |
|---|---|---|
| | | |
| Septage removal | All septic tanks | As needed-when Scum and Sludge levels reach 25% accumulations (document measurements) |
| Effluent Removal and Backwashing | Pumptanks | Sludge level is 25% from inlet of pump to bottom of tank (document measurements) |
| Effluent, Scum, Sludge removal | Stilling tank | As needed-when Scum and Sludge levels reach 25% accumulations (assuming tank has baffles), document measurements |
| | | |

## III. B. MAINTENANCE RECOMMENDATIONS

| PARAMETER | LOCATION | FREQUENCY |
|---|---|---|
| Hydraulic Loading | Drain field | Shut off lines when hydraulically loaded if following conditions met:<br>1) if valves are present<br>2) total square footage of remaining drainfield is adequate to sustain maximum daily flow<br>3) conditions exist to warrant action under Form# 8-1 question 4 in the professional opinion of service provider |

## IV. SCHEDULE OF COMPLIANCE

12/31/2017 or if system fails, system must be operated as a holding tank.
Apply for renewal of permit by 12/1/2017

## V. REPORTING REQUIREMENTS:

Report annually with requirements of the operating permit to Cass County Environmental Services by January 1 of each year.

Cass County Environmental Services
Courthouse, Box 3000
Walker, MN 56484

The monitoring reports shall be signed by the owner. Copies are to be retained for your records.

Sampling and laboratory testing procedures, if required, shall be performed in accordance with Standard Methods.

## VI. NONCOMPLIANCE

Permit Violation

Within 24 hours of becoming aware of a permit violation that may endanger human health or the environment, the Permittee shall notify the Cass County Environmental Services at (218) 547-7243. The Permittee shall submit a written description of the violation and a written plan to bring the system into compliance to Cass County Environmental Services within five days of discovery. Cass County Environmental Services shall review the plan and provide a date and conditions by which the system is required to be restored.

Operational Emergency

Cass County Environmental Services shall be notified at (218) 547-7243 in the event that the Permittee determines that immediate operational assistance is needed. The Permittee shall provide all pertinent information regarding the emergency. If a life threatening situation exists, the Permittee shall first call 911.

Remedial Action

The Permittee shall take all reasonable steps to minimize the adverse impacts to human health, public drinking water supplies, or the environment resulting from a permit violation, or discharges of oil, toxic pollutants, or hazardous substances.

Written Reports

The Permittee shall include with the next monitoring report a written report describing any permit violation(s) that occurred during the reporting period. The report shall describe the discharge, including volume, duration, effluent characteristics, and location.