

Aitkin County Environmental Services
Application for an
Operating Permit for Wastewater Treatment And Dispersal

Permittee: Dan Milejczak

Parcel Number: 01-0-078601

Address: 43982 – 348th Lane
Aitkin, MN 56341

Legal Description: Part of Lot 2 in Doc 347598, Sec. 32 T47 R27

Telephone # 320-224-1204

GIS Location _____

A. Description of Wastewater Treatment and Dispersal System:

Sewage will flow by gravity from the home to a 1200 gallon septic tank, then to a 1500 gallon pump tank. The pump tank will be equipped with a time dose control set to 150 GPD. The pump discharge will be equipped with a pressure effluent screen. Effluent will pump to a Pura Flo peat module placed on a 10' x 15' rock bed. The peat filter will have bottom outlets which will dose the rock bed. The rock bed will be contained in a box mound to provide proper vertical separation.

Number of Bedrooms = 2

Flow = 150 gallons per day

Hydraulic Loading Rate = 1.0 gpd/sqft

Organic Loading Rate = .00003 BOD/sqft

Estimated Cost of:

System Construction = TBD

Operation = \$3 per month

Monitoring & Servicing: \$110/yr

Testing = no analytical testing required

Anticipated System Life = 25 - 40 years

B. Performance Standard Requirements:

During the period beginning on the date of the Operating Permit and lasting until the Permit's expiration date, the Permittee is authorized to discharge from the wastewater treatment unit to subsurface dispersal. No surface discharge is permitted. The following parameters must be monitored and the results must be found within the compliance limits.

Parameter	Compliance Limit	Sample Location	Sample Frequency	Sample Type	Reporting Frequency
Flow	150 GPD	pump control	Monthly if in use	Record on log sheet	Annual

C. Maintenance Requirements:

Parameter	Location	Frequency
Daily Flow	pump control	Monthly if in use (record on log sheet)
Sludge and scum level	Septic Tank	Annually
Pump, Alarms, Floats, etc.	Tanks	Annually
Peat Module	Peat Module	Annually
Surfacing effluent, landscaping etc.	Total system	Annually

D. Monitoring and Reporting Requirements:

Monitoring results obtained during each calendar year shall be submitted no later than May 1st of the following year to:

Aitkin County Environmental Services
209 - 2nd Street NW
Aitkin, MN 56341

The monitoring reports shall be signed by the Permittee. Copies are to be retained by the Permittee.

The Permittee shall notify Aitkin County Environmental Services within thirty (30) days when monitoring results do not meet the monitoring plan requirements of this permit.

Monitoring plans may be modified as necessary and reapproved by Aitkin County Environmental Services.

Monitoring will be done by:

Septic Check, Inc, 6074 Keystone Road, Milaca, MN 56353 320-983-2447
Lic #2624

E. Mitigation Plan:

If surfacing occurs: verify cause and make any necessary repairs or reduce water use.

If the peat filter becomes plugged, replace the peat.

If flow exceeds limit: reduce flow, install water saving fixtures, pump the tank.

A replacement septic system could be constructed.

I hereby certify with my signature as the designer, that all data for the operating application is true and correct to the best of my knowledge.

License #2624

7-27-12

Eric Larson 6074 Keystone Rd, Milaca, MN 56353 320-983-2447