

AITKIN COUNTY ENVIRONMENTAL SERVICES

**OPERATING PERMIT FOR WASTEWATER
TREATMENT AND DISPERSAL**

OPERATING PERMIT #: 312

FEE: 50

PERMITTEE: Tim Hanratty

PHONE:

ADDRESS: 9800 Shelard Pkwy Suite
Plymouth, MN 55441-

ZONING PERMIT # 35574

PARCEL #: 36-0-044700

ISSUE DATE: 8/20/2007

RENEW DATE: 5/31/2009

LEGALDESCRIPTION: Part of E 100FT of W 1007FT of lot 2 S of hwy 18

Aitkin County Environmental Services authorizes the Permittee to operate a wastewater treatment and dispersal system located on the above described property in accordance with the requirements of this permit.

This permit is effective on the issuance date identified above.

This permit and the authorization to treat and disperse from the above system shall expire on the above expiration date. The Permittee is not authorized to discharge after the date of expiration. The Permittee shall submit such information and forms as required by Aitkin County Environmental Services no later than thirty (30) days prior to the expiration date. When the required information is submitted and approved by Aitkin County Environmental Services, the permit may be renewed. This permit is not transferable from owner to owner.

I hereby certify with my signature as the permittee that I understand the provisions of this permit including the maintenance and monitoring requirements. I agree to indemnify and hold Aitkin County harmless from all loss, damages, costs and charges that may be incurred by use of this system and if I fail to comply with the provisions of this Operating Permit. If I sell this property during the life of the permit, I will inform the new owner(s) of the permit requirements and the need to renew the permit.

Signature of Permittee

Date

Signature of Permitting Authority

Date

If You have any questions regarding this permit, including the specific permit requirements, permit reporting or permit compliance status, please contact Aitkin County Environmental Services at 218-927-7342.

A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM

Multi-Flow Aerobic Treatment System Dispersing into a 20x38 pressure bed sized for 4 bedrooms. This is to have the wastewater gravity from the proposed 4 bedroom dwelling into a new 1860 combination tank with a pump vault placed into the septic side of the tank. It will be timed dosed at a maximum of 600 gallons per day into a multi-flow aerobic treatment system, then gravity into the lift side of the 1860 combination tank. From there, it will pump on demand into a new 20'x 38' pressure bed with 2 feet of separation.

B. PERFORMANCE STANDARD REQUIREMENTS:

During the period beginning on the effective date (issuance date) of this permit and lasting until this 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
Fecal Coliform	<10,000 CFU/100ML	ATU/ Pump Tank		Record on Log Sheet	ANNUALLY
Flow	600 gpd	Water Meter	MONTHLY	Record on Log Sheet	ANNUALLY
Separation	2 Ft	Drain Field		Record on Log Sheet	ANNUALLY

C. MAINTENANCE REQUIREMENTS:

PARAMETER	LOCATION	FREQUENCY
Flow	Water Meter	MONTHLY
Pressurization of Laterals	Multi Flow	Semi Annually
Pumps, Floats & Alarms	Septic tank(s)	ANNUAL
Surface Discharge	Septic tank(s)	ANNUAL
Visual	Total System	ANNUAL

D. MONITORING AND REPORTING REQUIREMENTS:

Monitoring results obtained during each calendar year shall be submitted no later than December 31st of that year to:

Aitkin County Environmental Services
209 2nd Street NW
Aitkin, MN 56431

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.

Sampling and laboratory testing procedures shall be performed in accordance with Standard Methods and the testing shall be performed by a Minnesota Department of Health approved laboratory. All sampling and testing costs shall be the responsibility of the Permittee.

Monitoring will be done by Mark Ritter.

E. MITIGATION PLAN:

if weeping problems should occur; lower dosing rate, lower water usage waste strength, if fecals exceed limit, reduce waste strength or change waste characteristics. If fecals continue to exceed limit, add disinfections. If multi flo experiences problems, fix or repair at recommendation of manufacturerer or replace. A different or another performance or other system may be installed at the owner's expense. If in the event that this system should fail and if there is no other ists option available, then holding tanks must be installed to be pumped by licensed pumper

F. SPECIAL REQUIREMENTS: