

AITKIN COUNTY ENVIRONMENTAL SERVICES

**OPERATING PERMIT FOR WASTEWATER
TREATMENT AND DISPERSAL**

OPERATING PERMIT #: 400

ZONING PERMIT #: 39569

PARCEL #: 08-1-063200

PERMITTEE: Wesley & Sheryl Johnson

MAILING ADDRESS: 2259 139th Lane
Ham Lake, MN 55304

ORIGINAL DATE ISSUED: 5 /31/2013

RENEWAL PERIOD:

RENEWAL EXPIRATION: 5 /31/2015

PROPERTY ADDRESS:
43405 320th Place
Aitkin, MN 56431

TELEPHONE: (612) 860-5221

LEGAL: LOT 6, BREEZY ACRES

FEE PAID: 100 **DATE PAID:** 5 /31/2013 **RECEIPT:** 374834 **CK #:** 19114

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

5-31-13
Date



Signature of Permitting Authority

5-31-13
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

This design is for a septic system update at an existing site. The previous 2 bdrm home was destroyed in a fire and is being rebuilt as a 3 bedroom. The existing tanks were destroyed in the site cleanup. Site conditions accommodate 5 trenches each 3' wide by 20' long for a total area of 300 sq. ft. Based on a sandy loam soil loading rate of .78 GPD/FT² drainfield capacity is 234 GPD. Effluent will gravity flow from the home to a 1000 gal. septic tank equipped with an effluent screen and alarm. From there effluent will gravity flow to a 1000 gal. pump tank equipped with a time dose pump control.

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 FREQUENC
Flow	235 gpd	pump tank	Monthly	Record on a Log Sheet	Annually

C. MAINTENANCE REQUIREMENTS:

PARAMETER	LOCATION	FREQUENCY
Flow	event counter	MONTHLY
Pumps, Floats & Alarms	Septic tank(s)	EVERY 36 MONTHS

D. MONITORING AND REPORTING REQUIREMENTS:

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

Aitkin County Environmental Services
209 2nd Street NW, Room 100
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 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 performed by: Travis Johnson

E. MITIGATION PLAN:

If flow exceeds system capacity, check for and repair any leaks into the system, including household plumbing fixtures. If system ponds or otherwise cannot handle flow, repair options include: adjusting time dosing, adding pretreatment, or expanding the system.