

AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING
307 Second Street NW, Room 219
Aitkin, Minnesota 56431

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aitkinpz@co.aitkin.mn.us



10/20/2022

Scott & Amy Kirkhoff
36600 Ulysses Dr NE
Stanchfield, MN 55080

Re: Operating Permit # 813
Zoning Permit # 2022-9694
Parcel # 11-0-070103

Dear Permittee:

Enclosed is the Operating Permit for an "Other" Septic System (formerly Experimental, Performance, Etc.) that you are petitioning Aitkin County to allow to be installed on your property instead of a standard system. Please review this permit thoroughly and become acquainted with all of the conditions.

One provision that is often overlooked by homeowners is the State of Minnesota requirement that a water meter or other flow measuring device be installed and the results recorded by the homeowner on a REGULAR basis.

You will receive an annual reminder notice on how to renew your operating permit before the renewal expiration deadline. This reminder notice will ask that you provide:

- 1) Recorded water meter readings**
- 2) Annual Compliance Inspection report**
- 3) Renewal application and fee**

The Service Provider/Qualified Individual is privately hired by you, the landowner. The Service Provider/Qualified Individual must review the septic system on an annual basis. This annual review would be a great opportunity to review the conditions of the Operating Permit.

Should you have any questions, please contact our office.

Thank you,
Aitkin County Planning & Zoning

Enclosure: Operating Permit

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Wastewater Treatment and Dispersal Operating Permit

Operating Permit # 813
Application # 2022-009694
Issuance date: 10/20/2022
Expiration date: 9/30/2025
Renewal period: Annually

(Fields above are issued by Aitkin County)

Facility Information

Permittee name
(and business name, if applicable): Scott & Amy Kirkhoff Phone number: Scott (763) 300-5628
LED (218) 692-5263

Mailing address: 36600 Ulysses Dr NE

City: Starchfield State: Mn Zip code: 55080

Property ID number: 11-0-070103

Property address: TBD 450th Ave

System type: III Treatment level: 3 ft washed sand

System design flow: 450 gpd Residential/Commercial: Residential

System components: 1500 gal comp tank with filter, 500 gal 1-ft tank, 380 sq ft mound, 152 Zoeller pump, Audio Alarm, Time Dose Panel

Monitoring Requirements

Parameter	Effluent limits	Frequency	Location
Design flow (gpd)	<u>337 gpd</u>		
Average flow (gpd)	<u>200 gpd</u>	Monthly	Event Counter or Meter
CBOD ₅ (mg/L)			
TSS (mg/L)			
FO&G (mg/L)			
Fecal Coliform bacteria (#/100mL)			
Total Nitrogen, Total Phosphorus (mg/L)			
Operational Field Tests, may include: Temperature, Dissolved Oxygen and pH			
Ponding/Surfacing in soil treatment	None	Annually	Drainfield

Monitoring Requirements Comment Field

Maintenance Requirements

Maintenance requirements shall be performed as specified in the Management Plan as prepared by the system's Designer.

System component	Maintenance	Frequency
External grease interceptor	N/A	
Septic tank/Trash tank	1500 gal Comp tank	Every 24 months
Pump tank and controls	500 gal, 152 Zoeller + Audio Alarm	
Effluent screen	yes	Every 6 months
Advanced treatment product	N/A	
UV light disinfection device	N/A	
Soil treatment and dispersal	3 ft mound	

Monitoring Protocol

Any sampling and laboratory testing procedures shall be performed in accordance with the proprietary treatment product's protocol, Standard Methods, and at a Minnesota Department of Health approved laboratory. Results shall be submitted to the permitting authority at: Aitkin County Environmental Services, 307 2nd St NW, Room 219, Aitkin, MN 56431 no later than ten (10) days prior to when the permit to operate the system expires.

Contingency Plan

In the event the wastewater treatment system does not meet required performance requirements as contained in this operating permit, the owner shall notify Aitkin County Environmental Services within thirty (30) days of receiving non-compliant information. The owner is responsible to obtain the services of a Minnesota Pollution Control Agency (MPCA)-licensed Service Provider or other qualified practitioner to complete the required corrective measures.

Authorization

Aitkin County Environmental Services authorizes the Permittee to operate a wastewater treatment and dispersal system at the address named above in accordance with the requirements of this operating permit, attached Management Plan and contract with the Service Provider/Inspector.

This permit is effective on the issuance date identified above. This permit and the authorization to treat and disperse wastewater shall expire on the expiration date identified above. The Permittee is not authorized to discharge after the above date of expiration. The Permittee shall submit monitoring information on forms as required by Aitkin County Environmental Services no later than thirty (30) days prior to the above date of expiration for operating permit renewal. This permit is not transferable.

The owner is required to obtain the services of a Minnesota Pollution Control Agency (MPCA) licensed and trained: 1) Service Provider or Inspector to provide ongoing system operation, maintenance, and monitoring and 2) Maintainer to pump the system's sewage tanks and components. The owner is responsible to provide the name of the Service Provider or Inspector business prior to the issuance of this operating permit. The owner has secured the services of (Name of the Service Provider or Inspector) as the Service Provider or Inspector for this system (signed contract attached). The Service Provider or Inspector is hereby authorized to provide the required monitoring data and routine maintenance service records to both Aitkin County Environmental Services and (to the manufacturer of the treatment device if applicable): (Name of the treatment product manufacturer).

[For systems that generate high strength wastewater, the following items should be added to the operating permit: "If there is a change of use within the facility (i.e., change in menu, increase in food capacity, change in water use fixtures, etc.), the permittee is required to notify Aitkin County Environmental Services and the Service Provider before any changes occurs. Changes to the facility that could potentially impact performance of the wastewater treatment and dispersal system shall not take place until appropriate evaluation has been completed."]

I hereby certify with my signature as the Permittee that I understand the provisions of the wastewater treatment and dispersal system operating permit including 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 the use of this system. If I fail to comply with the provisions of this operation permit, I understand that penalties may be issued. 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 operating permit.

The Operating Permit is hereby granted to:

Permittee (please print): Lands End Development Permitting Authority (Aitkin County): Shannon Wiebusch
 Title: Owner Date: 10/19/22 Title: Office Assistant Date: 10/20/2022
 Signature: Jon Fogarty Signature: Shannon Wiebusch