



Aitkin County Environmental Services – Planning & Zoning

307 2<sup>nd</sup> Street NW, Room 219

Aitkin, MN 56431

(P) (218) 927-7342

(F) (218) 927-4375

(E) [aitkinpz@co.aitkin.mn.us](mailto:aitkinpz@co.aitkin.mn.us)

June 1, 2023

Dear Permittee:

Enclosed is the Operating Permit for an Other/Performance Septic System that you are petitioning Aitkin County to allow to be installed on your property instead of a standard Type I system. Please review this permit thoroughly and become acquainted with all of the monitoring, maintenance, and renewal requirements, then sign the operating permit and return it to our office.

Before the permit expiration date, our office will send you a reminder notice on how to renew the operating permit. This reminder notice will ask that you provide the following:

- 1) Applicable Maintenance & Monitoring Records
- 2) Monthly Water Meter Readings (A recording sheet is enclosed for your convenience)
- 3) Renewal Application and Fee

The permittee is responsible for privately hiring a licensed Service Provider/Inspector for the maintenance and monitoring services. Their cost of service is not included in the permit renewal fee. One provision often overlooked by the landowner is the State of Minnesota requires that a water meter, event counter, or other flow-measuring device be installed on the system and the readings be recorded on a monthly basis. Refer to the operating permit whether it is the landowner or the service provider who is responsible for monitoring the flow and recording the monthly readings.

If you have any questions about the operating permit or renewal requirements, please contact our office.

Thank you,

Aitkin County Planning & Zoning

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Enclosures: Operating Permit  
Water Meter Recording Sheet

# Wastewater Treatment and Dispersal Operating Permit

(Office Use Only)	
Operating Permit #	822
Application #	2023-311
Date issued:	6/1/2023
Expiration date:	9/30/2025
Renewal period:	Annually

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## Facility Information

Permittee name:	William Cain						
Mailing address:	PO Box 226	City:	Spillville	State:	IA	Zip:	52168
Email:	billc4in@gmail.com			Phone:	(563) 380 - 8278		
Property ID number:	38-0-025902						
Property address:	13407 193 <sup>rd</sup> PI, McGrath, 56350						
System type:	Type III			Treatment level:	C		
System design flow (gpd):	30 GPD			Residential/Commercial:	Residential		
System components:	1000 septic tank, 500 pump tank, 250 sqft rockbed mound with 3 ft. sand base. Type III due to less than 12" of soil separation depth.						

## Monitoring Requirements

Parameter	Effluent limits	Frequency	Location
Design flow (gpd)	300 GPD	Record Monthly	Event Counter in Control Panel
Average flow (gpd)	100 GPD	Record Monthly	Event Counter
CBOD <sub>5</sub> (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 allowed	Annually	Mound/Drainfield Area

## Monitoring Requirements Comment Field:

Report Annually to Aitkin Co. the monitoring requirements above.

## Maintenance Requirements

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

System component	Maintenance	Frequency
Septic tank/Trash tank	Check for buildup, Check components	Annually
Pump tank and controls	Pump out & Clean/Check components	36 months/Annually
Effluent screen	Remove & Clean	Annually
Soil treatment and dispersal	Inspect	Annually

## 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 2<sup>nd</sup> St NW, Room 219, Aitkin, MN 56431 no later than the expiration date listed.

## 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 Septic Check as the Service Provider or Inspector for this system. 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.

[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.

<b>The Operating Permit is hereby granted to:</b>		<b>William Cain</b>			
Permittee (please print):	William Cain		Permitting Authority (please print):	Shannon Wiebusch	
Title:	Property Owner	Date:	Title:	Office Assistant	Date:
Permittee Signature:			Permitting Authority Signature:		
	Permittee Signature			Aitkin County Representative Signature	