



# Subsurface Sewage Treatment System Operating Permit Renewal Application

Aitkin County Environmental Services - Planning & Zoning

307 Second St. NW Room 219, Aitkin, MN 56431

Phone: 218-927-7342 Email: aitkinpz@co.aitkin.mn.us Website: co.aitkin.mn.us

This application is to renew an existing operating permit. An online renewal option is available at: mn-co-aitkin-pz.onegov.rtvision.com The operating permit may be renewed upon receipt of application, all required reporting, and payment of the permit fee. Incomplete applications will be returned.

<b>Operating Permit #</b>	OP 279-2019	<b>App#</b>	App-2024-000559	<b>Expiration Date:</b>	9/30/2024
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### Site Information

<b>Parcel ID:</b>	01-1-120000
<b>Property Address:</b>	44228 348th Ln AITKIN, MN 56431

### Contact Information

<b>Permittee Name:</b>	John McIntosh		
<b>Mailing Address:</b>	44228 348th Lane	<b>City, State, Zip:</b>	Aitkin, MN 56431
<b>Email:</b>	john@mcintoshlaw.net	<b>Phone:</b>	763-242-1027

### Service Provider

<b>Service Provider/Inspector Name:</b>	Ritter Sewer and Excavating Inc	<b>Contract:</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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### Renewal Requirements

- Application
- Flow Readings Report
- Maintenance & Monitoring Report by your Service Provider/Inspector
- \$150 Renewal Fee Due by: **9/30/2024** Please make check payable to: Aitkin County  
*Notice of Late Fee: If a complete application and payment are not received or postmarked by the due date, a \$50.00 late fee will be charged.*

### 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 inspector 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 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 and maintenance information on forms as required by Aitkin County Environmental Services prior to the above date of expiration for operating permit renewal. If not renewed within ninety (90) calendar days of the expiration date, it may be required that the system be abandoned in accordance with MN Rule 7080.2500. This permit is not transferable as to person or place.

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 (named above) as the Service Provider or Inspector for this system through a signed contract.** 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. I acknowledge that by submitting this application, the application and its attachments are public information. 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.

Permittee Name:  
(print) John McIntosh  
Permittee  
Signature: 

Title: Property Owner  
Date: 9/23/24

SEPTIC SYSTEM REVIEW FOR  
John McIntosh  
Parcel # 01-0-120000  
Operating permit #279

Property located in Aitkin Township

September 27, 2024

The above mentioned property had a water meter installed in the home but it has not been working properly (so we don't have readings). The homeowner has since installed a new water meter in the home and will start recording again. The Aerobic tank, pumps, alarms and time dosing panel are all operating properly. The BOD5, TSS and fecal are all within standards (see attached sheet).

The system is set up for 300 gallons per day so I believe that we can put this system on a 5 year operating permit.

The tanks, effluent filter, pumps, floats, alarms and control panel will still be inspected ever year.

We have entered into a Maintenance, Monitoring and Inspection Contract with said property owner.

Sincerely,



Mark P. Ritter  
Ritter Sewer & Excavating, Inc.

**Aitkin County Environmental Services  
Planning & Zoning**

307 Second St. NW, Room 219  
Aitkin, MN 56431  
218-927-7342  
aitkinpz@co.aitkin.mn.us

**Subsurface Sewage Treatment System  
Operating Permit**

<b>PERMITTEE NAME</b>	<u>John McIntosh</u>	<b>OPERATING PERMIT#</b>	<u>OP 279-2019</u>
<b>MAILING ADDRESS</b>	<u>44228 348th Lane, Aitkin, MN 56431</u>	<b>APPLICATION #</b>	<u>App-2024-000559</u>
<b>PROPERTY ADDRESS</b>	<u>44228 348th Ln AITKIN, MN 56431</u>	<b>PARCEL #</b>	<u>01-1-120000</u>
<b>SYSTEM TYPE</b>	<u>Type 4</u>	<b>DATE ISSUED</b>	<u>2019-05-31</u>
<b>TREATMENT LEVEL</b>	<u>A</u>	<b>EXPIRATION DATE</b>	<u>2024-09-30</u>
<b>SYSTEM DESIGN FLOW (GPD)</b>	<u>300 gpd</u>		
<b>RESIDENTIAL/COMMERCIAL</b>	<u>Residential</u>		

**SYSTEM COMPONENTS**

Multi-Flo aerobic treatment system timed dosed into a downsized 10x38 raised pressure bed sized for 2 bedrooms. A maximum of 450 gallons per day into a Multi-Flo Aerobic Treatment System, and then gravity into a new 1500 gallon lift tank. From there, liquid will be Time Dosed at a maximum of 300 gallons per day into a 10x38 pressure bed containing 18 inches of separation.

**SERVICE PROVIDER** Ritter Sewer and Excavating Inc

**MONITORING REQUIREMENTS**

Parameter	Effluent Limits	Frequency	Location
*Design Flow (gpd)	300 gpd	Monthly	Water Meter
*Ponding/Surfacing in Soil Treatment	None	Annually	Dispersal System
Fecal Coliform Bacteria (#/100mL)	1,000	Annually	ATU/Pump Tank

*none*

*good*

**MAINTENANCE REQUIREMENTS**

System Component	Maintenance	Frequency
*Septic Tank/Trash Tank	Sludge and scum level <i>✓ good</i>	Annually
*Pump Tank and Controls	Components and settings <i>✓ good</i>	Annually
*Soil Treatment and Dispersal	Overall visual of entire system for landscaping, drainage, discharge, cover material <i>✓ good</i>	Annually
Advanced Treatment Product	Multi-Flo Functions <i>✓ good</i>	Bi-Annually

**MONITORING PROTOCOL**

*Mark Ritter* Sept. 27 - 2024

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**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 Ritter Sewer and Excavating Inc 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.']

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**THE OPERATING PERMIT IS HEREBY GRANTED TO:**

<b>PERMITTEE</b>	<u>John McIntosh</u>	<b>DATE</b>	<u>2024/02/20 01:17 PM</u>
<b>PERMITTING AUTHORITY</b>	<u>Shannon Wiebusch</u>	<b>DATE</b>	<u>2024/02/20 01:18 PM</u>