



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.

Operating Permit #	OP 381-2019	App#	App-2024-000991	Expiration Date:	9/30/2024
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Site Information

Parcel ID:	01-0-077707				
Property Address:	44476 349th Ln AITKIN, MN 56431				

Contact Information

Permittee Name:	Mary Giesler				
Mailing Address:	7 S. Long Lake Trl	City, State, Zip:	North Oaks, MN 55127		
Email:	<i>msgiesler@gmail.com</i>		Phone:	<i>612.845.7965</i>	

Service Provider

Service Provider/ Inspector Name:	Ritter Sewer and Excavating Inc	Contract:	<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 2nd 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.

SEPTIC SYSTEM REVIEW FOR
Mary Giesler
Parcel # 01-0-077707
Operating permit #381

Property located in Aitkin Township

September 27, 2024

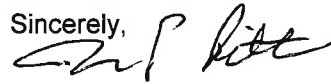
The above mentioned property has an event counter installed on it. On May of 2019 the meter reading was 286. On May of 2025 the meter reading was 486 with a difference of 200 events. So at 200 gallon per event x 200 events = 40,000 gallons divided by 1,825 days = 22 gallons per day average. The Aerobic 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.



awlab.com
218-829-7974
314 Charles Street
Brainerd, MN 56401

Analysis Report

August 07, 2024

REPORT TO:

Ritter Sewer & Excavating
Mark Ritter
34753 390th Place
Aitkin MN 56431

INVOICE TO:

Ritter Sewer & Excavating
Mark Ritter
34753 390th Place
Aitkin MN 56431

Date Rcvd-Brnd: 7/26/2024
Time Rcvd-Brnd: 10:10

Sampled By: Mark P Ritter
Sample Type: WW
Recv Temp°C: 4.1 on ice

LOCATION:
Giesler

SITE / ANALYTE	Sample Date/Time	Analyzed Value	Units	Reporting Limit	Analytical Method	Analysis Date/Time	Analyst	Code #
Giesler 7/26/2024 @ 08:50								
Biochemical Oxygen Demand (BOD)		6.97 r	mg/L	2	HACH 10360 REV 1.2 (2011)	7/26/24 12:17	CS	096316
Fecal Coliforms		< 100	MPN/100mL	1	COLILERT-18 (FECAL COLI)	7/26/24 14:14	MH	096316
Residue-Nonfilterable (TSS)		3	mg/L	1	USGS I-3765-85	7/30/24 12:55	JJ	096316

r = Replicate samples show greater than 30% difference between high and low value.

Approved By: *Sara Ahlers*
Sara Ahlers, Laboratory Director

Date Approved: 8/7/2024

A.W. Research Laboratories, Inc. is accredited by the MNELAP and follows approved methods and procedures. MN State Laboratory ID: 027-035-135 and EPA Lab Code: MN00098. All data generated using non-accredited methods noted as -NC, and all analytes for which accreditation is unavailable -NA. The results above relate only to the samples tested. This report must not be reproduced, except in full, without the written approval of the laboratory. We appreciate your feedback, please email us at awlab@awlab.com with questions or comments. Thank you!

~End of Analysis Report~



**Aitkin County Environmental Services
Planning & Zoning**

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Subsurface Sewage Treatment System Operating Permit

PERMITTEE NAME	<u>Mary Giesler</u>	OPERATING PERMIT#	<u>OP 381-2019</u>
MAILING ADDRESS	<u>7 S. Long Lake Trl, North Oaks, MN 55127</u>	APPLICATION #	<u>App-2024-000991</u>
PROPERTY ADDRESS	<u>44476 349th Ln AITKIN, MN 56431</u>	PARCEL #	<u>01-0-077707</u>
SYSTEM TYPE	<u>Type 4</u>	DATE ISSUED	<u>2019-05-31</u>
TREATMENT LEVEL	<u>C</u>	EXPIRATION DATE	<u>2024-09-30</u>
SYSTEM DESIGN FLOW (GPD)	<u>300</u>		
RESIDENTIAL/COMMERCIAL	<u>Residential</u>		

SYSTEM COMPONENTS

Multi-flow aerobic treatment system dispersing into a 12' x 32 pressure bed sized for 2 bedrooms.

SERVICE PROVIDER Ritter Sewer and Excavating Inc

MONITORING REQUIREMENTS

Parameter	Effluent Limits	Frequency	Location	
*Design Flow (gpd)	300 GPD	Monthly	Flow Meter	✓ good
*Ponding/Surfacing in Soil Treatment	None Allowed	Annually	Drainfield	
Fecal Coliform Bacteria (#/100mL)	<10,000 cfu/100 ml	Bi-Annual	ATU/Pump Tank	✓ good

MAINTENANCE REQUIREMENTS

System Component	Maintenance	Frequency
*Septic Tank/Trash Tank	Sludge and scum level	Annually ✓ good
*Pump Tank and Controls	Check and calibrate if needed	Annually ✓ good
Advanced Treatment Product	Pressurization of laterals in sand filter (squirt test)	Bi-Annually

on P letter M&P Ritter Sept-27-2024

MONITORING PROTOCOL

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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.']

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	<u>Mary Giesler</u>	DATE	<u>2024/03/29 09:43 AM</u>
PERMITTING AUTHORITY	<u>Shannon Wiebusch</u>	DATE	<u>2024/03/29 09:44 AM</u>