

SEPTIC SYSTEM REVIEW FOR
Lorrie Moline
Parcel # 29-1-151300
Operating permit #61

Property located in Shamrock Township

June 3, 2019

The above mentioned property has a time dosing panel with and elapsed time meter installed on it. On June 2009 the meter reading was 2,969. On May 2019 the meter reading was 5,318 with a difference of 2,349 min. So at 2,349 min. x 50 gallons per min. = 117,450 gallons divided by 3,620 days = 33 gallons per day average. The BOD5, TSS, FECAL, OIL and Grease are all within standards (see attached sheet).

The system is set up for 450 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.

Analysis Report

May 29, 2019

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: 5/7/2019
 Time Rcvd-Brnd: 14:40

Sampled By: Mark Ritter
 Sample Type: WW
 Recv Temp°C: 2.3 on ice

LOCATION:
 Moline - Operating #61

SITE / ANALYTE	Sample Date/Time	Analyzed Value	Units	Reporting Limit	Analytical Method	Analysis Date/Time	Analyst	Code #
Sand Filter to Mound Vault 5/7/2019 @ 11:20								
Biochemical Oxygen Demand, 5 Day		3.6	mg/L	2	SM 5210 B-2011	5/8/19 13:30	CJS	019871
Fecal Coliform		< 100	MPN/100mL	1	COLILERT-18 (FECAL COLI)	5/7/19 15:45	SK	019871
Residue-Nonfilterable (TSS)		6.8	mg/L	1	USGS I-3765-85	5/9/19 10:07	SK	019871

Approved By:



Date Approved: 5/29/2019

Sara Ahlers, Laboratory Director

A.W. Research Laboratories, Inc. is Certified by the Minnesota Department of Public Health and follows approved methods and procedures. Minnesota Laboratory Certification # 027-035-135. All data generated using certified methods noted as -C, all data generated using non-certified methods noted as -NC, and all analytes for which certification 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~



MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 North Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
2 North German St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
2616 East Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724
1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
www.mvtl.com



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SARA
A W RESEARCH LABORATORIES
16326 AIRPORT RD
BRAINERD MN 56401

Report Date: 23 May 2019
Lab Number: 19-A21254
Work Order #: 12-8477
Account #: 002432
Sample Matrix: WASTEWATER
Date Sampled: 7 May 2019 11:20
Date Received: 9 May 2019 10:05
PO #: CREDIT CARD

Project Name: MOLINE #61 RITTER

Sample Description: 19871-3 SAND FILTER TO MOUND

Temp at Receipt: 3.3C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
Oil and Grease	< 5	mg/L	5	EPA 1664B	22 May 19 11:45	MDK

Approved by:


 Dan O'Connell
 
 David Smahel
 Chemistry Laboratory Managers New Ulm, MN

RL = Reporting Limit

Analyses performed under our Minnesota Department of Health Accreditation conform to the current TNI standards. The reporting limit was elevated for any analyte requiring a dilution as coded below:

@ = Due to sample matrix

= Due to concentration of other analytes

! = Due to sample quantity

+ = Due to internal standard response

CERTIFICATION: MN LAB # 027-015-125 ND WW/DW # R-040

**AITKIN COUNTY ENVIRONMENTAL SERVICES
OPERATING PERMIT FOR WASTEWATER
TREATMENT AND DISPERSAL RENEWAL**

ISSUANCE DATE: 5/31/2019
RENEWAL PERIOD: 5 YEAR

OPERATING PERMIT #: 61
ZONING PERMIT #: 27905
PARCEL #: 29-1-151300

PERMITTEE: Lorrie Moline

TELEPHONE: (612) 720-7768

MAILING ADDRESS:
11759 Undercliff St NW
Coon Rapids, MN 55433

PROPERTY ADDRESS:
19585 484th St
McGregor, MN 55760

LEGAL DESCRIPTION: Sheshebe Point Lot 84

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 is valid through the renewal period identified above. The Permittee is not authorized to discharge after the renewal period. 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.

Lorrie A Moline
Signature of Permittee

Date *5-1-2019*

Shannon W.
Signature of Permitting Authority

Date *6-5-2019*

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.

Invoice #47893 (06/05/2019)

2. Zoning/Land Use Permit Applications Misc. (OFFICE USE ONLY) Permit # 2019-4123, App. # App-2019-004589, UID # 197930

Lorrie A. Moline

(218) 927-7342

8231 - 163rd Ave. NW, Ramsey, MN 55303

Aitkin County Planning & Zoning / Environmental Services

209 2nd Street NW, Room 100

Aitkin, MN 56431

Phone: 218-927-7342

Fax: 218-927-4372

Email: aitkinpz@co.aitkin.mn.us

Charge		Cost	Quantity	Total	Note
Operating Permit Renewal added 06/05/2019 3:20 PM \$100		\$100.00	x 1	\$100.00	
Grand Total					
				Total	\$100.00
Payment #45181					
Method:	Check		13128		
Date:	06/05/2019	Note:	8231 - 163rd Ave. NW, Ramsey, MN 55303		
Made By:	Lorrie A. Moline				
Confirmed By:	Jan Yearneau				

AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING

209 Second Street, NW Room# 100

Aitkin, Minnesota 56431

PH: (218) 927-7342

FX: (218) 927-4372



6/5/2019

Lorrie Moline
11759 Undercliff St NW
Coon Rapids, MN 55433

Re: Operating Permit # 61
Zoning Permit # 27905
Parcel # 29-1-151300

Dear Permittee:

This letter is to inform you that your Operating Permit has been renewed until 5/31/2024 .

Please adhere to your monitoring and maintenance contract including monitoring your water use. Failure to do so would violate the agreement to operate your system and could void the operating permit. You should contact your Operation and Maintenance provider directly with questions that you may have during the year.

Thank you for your good stewardship and we hope that your system continues to operate well, protecting groundwater for you and the environment.

Sincerely,

Shannon W.

Aitkin County Planning & Zoning