

SEPTIC CHECK

EXPERT SERVICE. LASTING VALUE. CLEAN WATER

August 23, 2022

Aitkin County Environmental Services
307 Second Street N.W. Room 19
Aitkin, MN 56431

Re: Operating Permit for Parcel #: 07-0-062802

John & Mary Michaelis
29651 442nd Ave
Aitkin, MN 56431

Aitkin County Environmental Services,

Septic Check has monitored and maintained the septic system bi-annually for the property owner. The system meets all the requirements of the Aitkin County Operating Permit. I recommend that the operating permit renewal requirement be extended to every 5 years. Standard bi-annual maintenance will still be completed for the property owner by Septic Check.

I also would like to remove annual BOD sampling to *as needed*.

If Aitkin County has any questions regarding the performance or the results of the maintenance activities, please call us at 320-983-2447.

Thank you,



Brian Koski

cc: John & Mary Michaelis

SAMPLING REPORT

Location: 29651 442nd Ave.

Aitkin

07-006-2802

Owner: John and Mair Michaelis

Use: Single Family

Service Company:

Septic Check

6074 Keystone Rd

Milaca, MN 56353

320-983-2447

Sample Date: 06/08/2022 Sample entered by: Heather Johnson Report submitted: 06/13/2022

Notes: amps - 2.21

ONSITE SEWAGE SYSTEM SAMPLING DETAIL

COMPONENT	TYPE	SAMPLE	LIMIT	RESULT
Effluent Pump Effluent Pump	Effluent	Flow	300 GPD	.01

This report indicates certain characteristics of the sample taken at the time of visit. In no way is this report a guarantee of operation or future performance.

AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING

307 Second St NW, Room 219
Aitkin, Minnesota 56431

(P): (218) 927-7342

(F): (218) 927-4372

(E): aitkinpz@co.aitkin.mn.us



8/2/2022

John & Mary Michaelis
17840 Lincoln St NW
Elk River, MN 55330

Re: Operating Permit # 163
Zoning Permit # 32017
Parcel ID# 07-0-062802

Dear Permittee:

This letter is to remind you that the Operating Permit for the septic system at the above mentioned parcel is due for renewal this year by September 30th. The enclosed Operating Permit was issued as part of the permit for your septic system and must be renewed.

The Operating Permit for the current renewal period is enclosed. If there are no changes to the current Operating Permit, please submit all of the following to the County Office to renew the Operating Permit: (If any boxes below are checked, then we have received that item.)

- Signed Operating Permit (enclosed)
- \$150 permit renewal fee (a \$50 late fee will apply if not paid by 9/30/22)
- Monitoring and maintenance activities report by Service Provider
- A table of your water usage

If your designer finds the system is operating in conformance with the Operating Permit, please have him/her submit a letter requesting to have the Operating Permit renewed for a longer period or to request terminating the Operating Permit. Our Office will determine if this is possible.

The performance and life expectancy of this septic system is dependent on regular monitoring and maintenance of all parts of the system. Your compliance with the Operating Permit will ensure continued performance of the system. Failure to perform the monitoring and maintenance of this system could cause costly repairs and/or replacement of this system. In addition, failure to comply with the monitoring, maintenance and reporting of the septic system is a violation of the Aitkin County's Subsurface Sewage Treatment System Ordinance and could be prosecuted by the County Attorney's Office.

All information required must be submitted to this Office by the expiration date referenced on your Operating Permit. We are notifying you to give you sufficient time to contact your Service Provider and make any necessary changes, have samples taken and tested, tanks pumped, and any other activities that were required to meet the requirements of your permit.

Please contact our office with any questions regarding the renewal of this permit.

Sincerely,

Aitkin County Planning & Zoning

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

ISSUANCE DATE:

9/30/2022

RENEWAL PERIOD:

~~ANNUALLY~~ 5 YR

OPERATING PERMIT #: 163

ZONING PERMIT #: 32017

PARCEL #: 07-0-062802

PERMITEE:

John & Mary Michaelis

MAILING ADDRESS:

17840 Lincoln St NW
Elk River, MN 55330

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.

If you have any questions regarding this permit, including the specific permit requirements, reporting, monitoring or permit compliance status, please contact Aitkin County Environmental Services at 218-927-7342.

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.

Signature of Permittee

mary jane michaelis

Date

9-16-22

Signature of Permitting
Authority

Shannon W.

Date

9-15-22

A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM

Existing mound that will be brought into compliance with separation by adding pretreatment. A Multi-Flo Aerobic treatment plant will be installed beside existing combination tank. It will be time dosed from the existing septic tank, and gravity flow to the existing pump tank for dosing to the mound.

B. PERFORMANCE STANDARD REQUIREMENTS:

During the period beginning on the effective date (issuance date) of this permit and lasting until this permit's expiration date, the Permittee is authorized to discharge from the wastewater treatment unit to subsurface dispersal. No surface discharge is permitted. The following parameters must be monitored and the results must be found within the compliance limits.

PARAMETER	COMPLIANCE LIMIT	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE	REPORTING FREQUENCY
5-Day BOD		Aerobic Tank Effluent	As needed	Lab	As needed
Fecal Coliform	<10,000 cfu/100 ml	Aerobic Tank Effluent	Every 5 Years	Lab	Every 5 Years
Flow	300 gal / day	Water Meter	MONTHLY	Record on Log Sheet	Every 5 Years

C. MAINTENANCE REQUIREMENTS:

PARAMETER	LOCATION	FREQUENCY
Aerobic Tank Function	Aerobic Tank	ANNUAL
Flow	Water Meter	Record monthly
Pumps, Floats & Alarms	Pump Chamber	EVERY 5 YEARS
Solids Removal & Water Tightness	Septic tank(s)	EVERY 5 YEARS
Surface Discharge	Dispersal System	EVERY 5 YEARS
Vegetative Cover	Dispersal System	EVERY 5 YEARS

D. MONITORING AND REPORTING REQUIREMENTS:

Monitoring results obtained during each calendar year shall be submitted no later than September 30th of that year to:

Aitkin County Environmental Services
307 2nd Street NW, Room 219
Aitkin, MN 56431

The monitoring reports shall be signed by the Permittee. Copies are to be retained by the Permittee. Any sampling and laboratory testing procedures shall be performed in accordance with Standard Methods at a Minnesota Department of Health approved laboratory. All sampling and testing costs shall be the responsibility of the Permittee. Monitoring plans may be modified as necessary and reapproved by Aitkin County Environmental Services.

The Permittee shall notify Aitkin County Environmental Services within thirty (30) days when monitoring results do not meet the monitoring plan requirements of this permit.

The owner has secured the services of **Septic Check** as the Service Provider or qualified individual for this system. The Service Provider or qualified individual is hereby authorized to report the required monitoring data and routine maintenance service records to Aitkin County Environmental Services.

E. MITIGATION PLAN:

1) If weeping occurs; lower dosing rate, lower water usage, increase tank capacity 2) A different or another Performance or Other System may be installed at the owner's expense on previously disturbed soils. 3) If in the event that this system should fail and if there is no other ISTS option available, then Holding Tanks must be installed, to be pumped by a licensed Pumper with a contract.

Invoice #56164 (09/15/2022)

2. Zoning/Land Use Permit Applications Misc. (OFFICE USE ONLY) Permit # 2022-8235, App. # App-2022-009532, UID # 206398

Mary Jane Michaelis

(000) 000-0000

17840 Lincoln St NW, Elk River, MN 55330

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Charge		Cost	Quantity	Total	Note
Operating Permit Renewal added 09/15/2022 11:20 AM		\$150.00	x 1	\$150.00	
Grand Total			Total	\$150.00	
Payment #50170					
Method:	Check			3604	
Date:	09/15/2022				Note: OP 163 2022 RENEWAL
Made By:	MARY JANE MICHAELIS				
Confirmed By:	Shannon Wiebusch				

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9/15/2022

John & Mary Michaelis
17840 Lincoln St NW
Elk River, MN 55330

Re: Operating Permit # 163
Zoning Permit # 32017
Parcel # 07-0-062802

Dear Permittee:

This letter is to inform you that your Operating Permit has been renewed until 9/30/2027 .

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