

# AITKIN COUNTY ENVIRONMENTAL SERVICES

## APPLICATION for an OPERATING PERMIT FOR WASTEWATER TREATMENT AND DISPERSAL

(Buyer) Seth Jacobs  
 PERMITTEE Kathleen M. Kelsey PARCEL NUMBER 07-0-022001  
 ADDRESS 41090-328<sup>th</sup> Lane Aitkin, Mn. 56431  
 LEGAL DESCRIPTION Pin # 07-0-022001  
 TELEPHONE # 218-429-2241 GIS LOCATION \_\_\_\_\_

A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM:  
 (Attach ISTS site evaluation and design; estimated cost of system  
 construction, operation, monitoring, service, component replacement, and  
 management; anticipated system life, hydraulic and organic loading rates)

3' sand base mound Type 3 system

### B. MONITORING PLAN AND REPORTING FREQUENCY:

PARAMETER	COMPLIANCE LIMIT	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE	REPORTING FREQUENCY
FLOW	<u>450 gpd</u>	<u>event counter</u>	<u>monthly by owner</u>	<u>Log</u>	<u>Annually</u>
5-DAY BOD					
TOTAL NITROGEN					
TOTAL PHOSPHORUS					
TSS					
FATS, OILS AND GREASE					
FECAL COLIFORM					
SEPARATION DISTANCE	<u>3'</u>	<u>mound</u>	<u>annually</u>	<u>measure</u>	<u>annually</u>

The Home Owner The event counter reading monthly  
 will perform the monitoring of this septic system.

**MAINTENANCE SERVICE, MONITORING AND INSPECTION  
CONTRACT  
FOR INDIVIDUAL SEWAGE TREATMENT SYSTEM**

It is hereby agreed this 24 day of August, 2022 by and between  
Tom O'Neil (Inspector) and Seth Jacobs (client)

(Client) Name & Address

Seth Jacobs New owner of property

Street Address 41090 328<sup>th</sup> lane

City, State, Zip Aitkin, Mn 56431

That in consideration of the payments provided herein, the Inspector shall provide services to perform Preventative Maintenance, Monitoring and Inspection of the Individual Sewage Treatment System (ISTS) located at the property described in the Aitkin County Operating Permit.

Each inspection includes an examination of the ISTS followed by a written report to the client. This inspection report shall contain recommendations for operation and maintenance for failure-preventative measures, if any are deemed appropriate by the inspector and a list of recommended corrective measures or replacement parts. The Inspector is authorized to submit a copy of the report to the Aitkin County Environmental Services Department.

This contract does not assume any responsibilities or obligations, which are normally the responsibilities of the Client, as related to parts or labor and does not extend to cover any costs that may be associated with any recommendations made under this contract.

The Inspector can only contract or subcontract for parts or labor after authorization. Billings for service calls shall be made on a case by case basis. This contract only covers maintenance, monitoring and inspection services per current Aitkin County Operating Permit and does not cover alarm calls of any kind.

The Inspector shall be provided access to the site and the system in order to perform the following services:

**SEPTIC TANK AND LIFT STATIONS INSPECTION**

(check the boxes needed to fill the requirements of the Operating Permit)

Check septic tank and compartments for solids buildup and general appearance. If necessary, have tanks pumped (cost of pumping is the responsibility of the client).

Check effluent filter for buildup and clean, if applicable.

In no event shall the Inspector be responsible for special or consequential damages, including but not limited to, loss of time, injury to personal property or any other consequential damages or incidental or economic loss due to equipment failure or for any other reason. This contract does not assume any responsibilities or obligations, which are normally, the responsibility of the Client or as, related to parts or labor and does not extend to cover any costs that may be associated with any recommendations made under this contract.

This contract shall be effective: Beginning August 24, 2022  
and Ending August 24, 2025

**Cost for Maintenance Service, Monitoring and Inspection Contract is:**


\$ 30 /yr. For 3 years totaling \$ 90

The Inspector agrees to provide inspection, monitoring and routine maintenance service only under this contract. The Client remedies for breach of this contract shall be limited to refund of any of the amounts paid in advance for service. This contract may be renewed 30 days from the ending date.

Payment for all services shall be paid to Tom O'Neil after 3 years

**Client:**

**Inspector:**

Sign: \_\_\_\_\_ 

Sign: Tom O'Neil 

Print: Seth Jacobs

Print: Tom O'Neil

Date: \_\_\_\_\_

Date: August 24, 2022



Check pumping system, including control panel and floats.

Record and date the readings of the elapsed time meter and cycle counter(s), if applicable.

Check dosing settings (in the control panel, if applicable).

Other: \_\_\_\_\_  
\_\_\_\_\_

\*\*If the septic tank or lift stations need pumping to be in compliance with the operating permit the cost of the pumping is the responsibility of the Client.

### TREATMENT DEVICE

Inspect pretreatment unit (aerobic tank, sand filter, etc.) per manufacturer's recommendations, if applicable.

Inspect and clean any parts per manufacturer's recommendations.

Inspect and clean laterals, if applicable.

Inspect the appearance of the wastewater inside the unit for color, turbidity and examination of odors.

Sample effluent per Operating Permit monitoring requirements.

**(Cost of sampling and analysis is the responsibility of the Client)**

Other: \_\_\_\_\_  
\_\_\_\_\_

### DISPERSAL FIELD

Inspect for visible signs of failure (surface discharge, soggy ground, wet spots, settling, etc.)

If liquid level monitors are installed, levels will be observed and recorded.

Flush filters and clean cartridges, if applicable.

Check field control unit solenoid operations or manual control, if applicable.

Other: \_\_\_\_\_  
\_\_\_\_\_

# Subsurface Sewage Treatment System Management Plan

Buyer: Seth Jacobs Phone: 218-851-6648  
Property Owner: Kathleen M. Kelsey Date: Aug. 24, 2022  
Mailing Address: 41090-328<sup>th</sup> Lane City: Aitkin, MN Zip: 56431  
Site Address: 41090-328<sup>th</sup> Lane City: Aitkin, MN Zip: 56431

This management plan will identify the operation and maintenance activities necessary to ensure long-term performance of your septic system. Some of these activities must be performed by you, the homeowner. Other tasks must be performed by a licensed septic service provider.

System Designer: check every \_\_\_\_\_ months.  
Local Government: check every \_\_\_\_\_ months.  
State Requirement: check every 36 months.

**My System needs to be checked every 36 months.**

(State requirements are based on MN Rules Chapter 7080.2450, Subp. 2 & 3)

## Homeowner Management Tasks

- Leaks – Check (look, listen) for leaks in toilets and dripping faucets. Repair leaks promptly.
- Surfacing sewage – Regularly check for wet or spongy soil around your soil treatment area.
- Effluent filter – Inspect and clean twice a year or more.
- Alarms – Alarm signals when there is a problem. Contact a service provider any time an alarm signals.
- Event counter or water meter – Record your water use.
  - recommend meter readings be conducted (circle one: DAILY WEEKLY MONTHLY)

## Professional Management Tasks

- Check to make sure tank is not leaking
- Check and clean the in-tank effluent filter
- Check the sludge/scum layer levels in all septic tanks
- Recommend if tank should be pumped
- Check inlet and outlet baffles
- Check the drainfield effluent levels in the rock layer
- Check the pump and alarm system functions
- Check wiring for corrosion and function
- Check dissolved oxygen and effluent temperature in tank
- Provide homeowner with list of results and any action to be taken
- Flush and clean laterals if cleanouts exist

"I understand it is my responsibility to properly operate and maintain the sewage treatment system on this property, utilizing the Management Plan. If requirements in the Management Plan are not met, I will promptly notify the permitting authority and take necessary corrective actions. If I have a new system, I agree to adequately protect the reserve area for future use as a soil treatment system."

Property Owner Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Designer Signature: Tom O'Neil Date: August 24, 2022

See Reverse Side for Management Log