



## *Brummer Septic LLC.*

*Site Evaluations, Septic Designs, Inspections*

Designer I - Lic. #1347

Jeff Brummer (218) 821-0704

[brummerseptic@gmail.com](mailto:brummerseptic@gmail.com)

### Billing Statement

Invoice Number : 20-087 Rick Lanners

Job Location : 30982 422nd LN. Aitkin MN 56431

Parcel Number : 08-0-036019

Service of: Septic Design ( Type II Holding Tanks )

\$340.00

All Passed due bills will be charged \$10.00 per month extra until paid.

**Amount Due : \$340.00**

Date of billing : 6/16/2020

#### Billing Information

Payment Due : 7/16/2020

Rick Lanners 612-419-2073

1306 Viking Dr.

Buffalo MN 55313 ( rflanners@gmail.com )

Make Payment to:

Brummer Septic LLC.

7450 Burr Lane

Brainerd MN. 56401

Thank you, Jeff Brummer

Holding Tank Design

# Subsurface Sewage Treatment System Management Plan

Property Owner: Rick Lanners Phone: 612-419-2073 Date: 6/15/2020  
 Mailing Address: 1306 Viking DR. City: Buffalo MN Zip: 55313  
 Address: 30982 422nd LN. 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 36 months.  
 Local Government: check every \_\_\_\_\_ months.  
 State Requirement: check every 36 months.

**My System needs to be checked every \_\_\_\_\_ 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.

Homeowner ----> *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: Jeff Brummer Date: 6/15/2020

See Reverse Side for Management Log



## Maintenance Log

Activity	Date Accomplished
<b>Check frequently:</b>	
Check for plumbing leaks	
treatment area check for surfacing	
filter: check, clean if needed	
luent screen: if owner-maintained	
ter usage rate (monitor frequency _____)	
<b>Check annually:</b>	
ops: inspect, replace if needed	
idge & Scum/Pump	
et & Outlet baffles	
rainfield effluent leaks	
ump, alarm, wiring	
ush & clean laterals if cleanouts exists	
Other: _____	
Other: _____	

**Notes:** Holding Tanks, pump when full, pumper should check for leaks or cracks.

Protect from Traffic. Keep manholes accessible year around.

Mitigation/corrective action plan: \_\_\_\_\_

## Aitkin County Holding Tank Design Back Lot

Property Owner: Rick Lanners Date: 6/15/2020 Cell: 612-419-2073

Mailing Address: 1306 Viking Dr. Home Phone #:

City: Buffalo State: MN Zip: 55313

Site Address: 30982 422nd LN. Parcel Number: 08 0-036019

City: Aitkin State: MN Zip: 56431

Driving Directions if no address issued:

Legal Description: 67 Acres of Lot 7 in Doc. 373593

Sec.: 22 Twp.: 48 Range: 25 Twp. Name: Fleming Twp

Lake / River: Fleming Lake Lake / River Classification: RD

FLOW DATA		Estimated Flow in Gallons per Day (GPD)			
		Bedrooms	Class I	Class II	Class III
Number of Bedrooms:		2	300	225	180
Dwelling Classification:	I	3	450	300	218
System Type:	II Holding Tanks	4	600	375	256
Gallons per Day ( GPD ):		5	750	450	294
		6	900	525	332
		7	1050	600	370
		8	1200	675	408

**WELLS**  
 Deep Well: Proposed Deep  
 Shallow Well: None Wells to be sealed ( if Applicable ) ?

**SETBACKS**  
 Tank(s) to Well: +50' Drainfield to Well: NA Sewer Line to Well: +40'  
 Tank(s) to House: +15' Drainfield to House: NA Air Test: YES  
 Tank(s) to Property Line: +15' Drainfield to Property Line: NA

**Additional System Notes and Information:** OHW = 1216.4', Flood Elv. = 1219' Lowest floor Elv. = 1221.35'

Remove existing Holding Tanks and add 2 new holding tanks for Proposed new House.

Owner will Survey lot for elevation, 100 year flood and lowest floor.

Designer did not have Elevations at time of design, Estimated Lowest floor at Elv. = 101'

Designer Name: Jeff Brummer License Number: L-1347  
 Address: 7450 Burr Ln. City: Brainerd State: MN  
 Zip Code: 56401 Home Phone #: Cell: 218-821-0704  
 E-Mail Address: brummerseptic@gmail.com

Designer Signature:  Date: 6/15/2020  
 Page: 1 Of

Elevations from Aitkin Co. Web Info sheet: OHW = 1216.4', Flood Elv. = 1219' Lowest floor Elv. = 1221.35'



Aitkin County { Design Notes }

Property Owner: Rick Lanners  
PIN: 08-0-036019

Date: 6/15/2020 Designer's Initials: JB

Page: of

Existing trailer house to be removed, Pad built for Proposed new house.

Existing Holding tanks to be , pump, collapse, filled or remove.

Owner will have lot surveyed for elevations, Flood and lowest floor.

Bench Mark reference Elevation for design proposes is were the driveway meets 422nd Lane. Elv. = 100 ft.

Install 2 Jacobson 1500 gal Holding tanks, add extra waterproofing, ( if available ) to the 1500 gal. Tanks.

Some of the tanks may be in water.

Install tank with gravity flow from proposed house, install clean-out near house, raise to above flood elevation.

Installer will raise manholes to above flood Elv. . Installer will add extra soil on top of tank for ballast

Install tanks with all inspections pipes and manholes to above flood elevation. ( recommend 6" above ).

Install alarm in 2nd tank at approx. 50% of tank capacity, this will be approx. 750 gal. reserve capacity.

If installing manual alarm designer recommends raising 4" pipe to above snow levels ( 36" above grade ).

Owner will need a Holding Tank Pumping Service Agreement.

Setbacks are

50 ft. from well

10 ft. from lot line

75 ft. from Fleming lake

10 ft. from structure.

**( Recommendations for holding tanks )**

Electric Alarm in or near house

Insulate tank top

Water proof outside if installed in water if available

Raise manholes 4" or more above finished grade for winter access

Add extra soil on top of tanks for ballast

Owner should install protect around tanks to keep traffic off tank. ( Boulders, fence posts)

Existing Elevations 6/12/2020

Grade at Power pole with power meter ( West Prop line ) Elv. = 98.1'

Estimated grade of top of house pad Elv. = 100' Estimated lowest floor Elv. = 101'

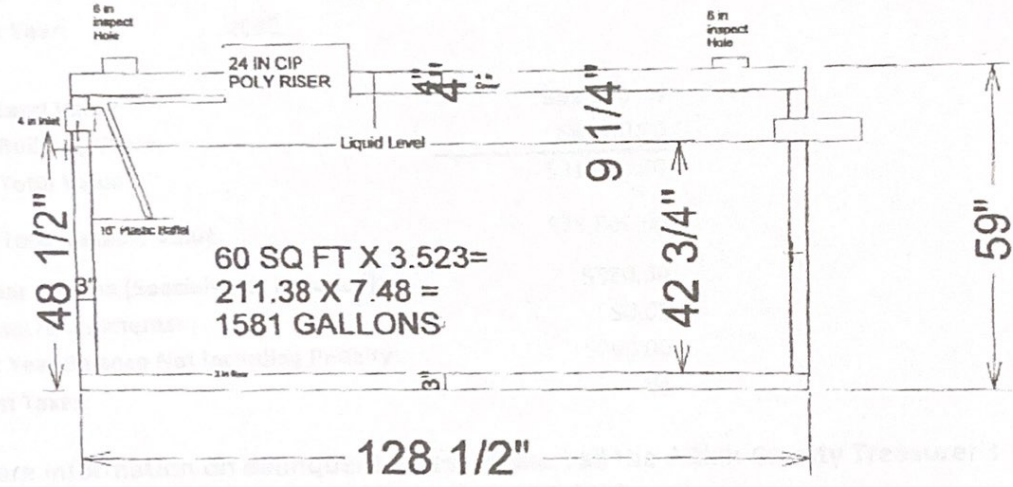
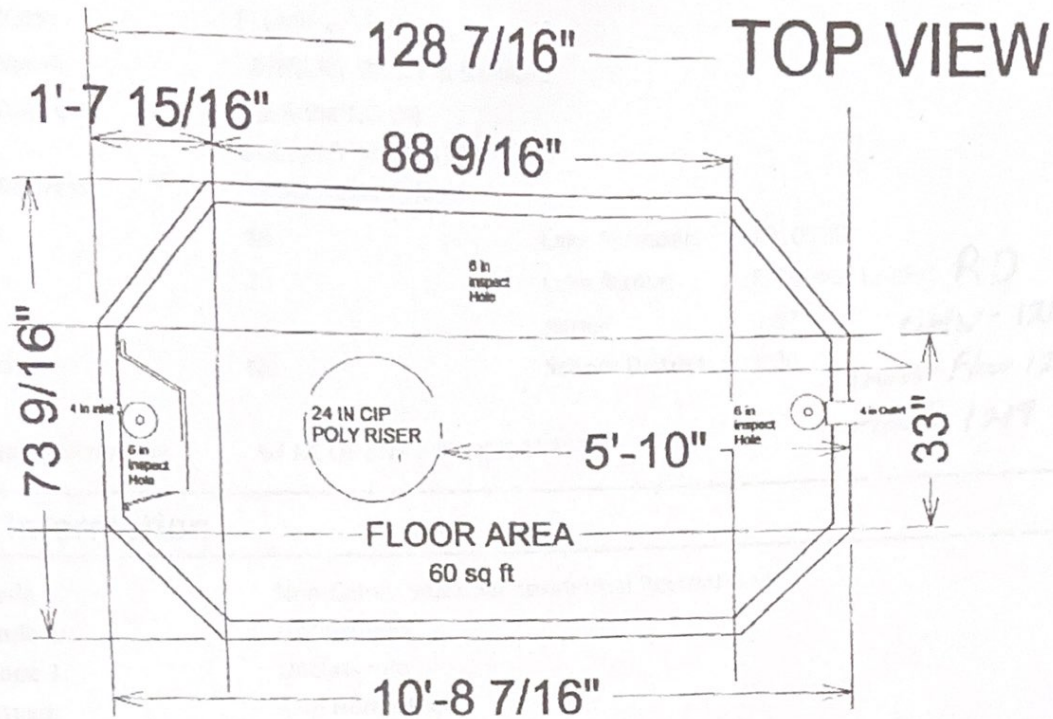
Existing Grade at Proposed tank site Elv. = 98.6'

Estimated new 1st tank inlet Elv. = 99' Approx. new tank bottom Elv. = 95.5'

On 6/12/2020 Fleming Lake Elv. = 96.8' Shore Elv. = 98.1'

Grade at existing trailer house Elv. = 98.7'

# 1500H Holding Tank



35.08 gallons per. inch

Drawings Owned BY Jacobson Precast, LLC  
 36641 HWY 169, Aitkin, Mn 56431  
 Do not copy drawings without permission of the Owner



General Information

Ship/City:	FLEMING TWP	Lake Number:	1010500
Owner Name:	LANNERS, RICK F & SARAH L	Lake Name:	FLEMING LAKE <i>RD</i>
Owner Address:	1306 VIKING DR	Acres:	0.67
Property Address:	BUFFALO MN 55313	School District:	1.00
County:	30982 422ND LN		
County:	48		
Section:	25		
Section:	22		
Section Acres:	No		
Legal Description:	.67 AC OF LOT 7 IN DOC 373593		

*OHW-12164-1929*  
*Lowest Floor 1221.35*  
*Flood 1219*

Tax Information

Class Code 1:	Non-Comm Seasonal Residential Recreational
Class Code 2:	Unclassified
Class Code 3:	Unclassified
Homestead:	Non Homestead
Assessment Year:	2020

Estimated Land Value:	\$83,000.00
Estimated Building Value:	\$8,000.00
Estimated Total Value:	\$91,000.00
Prior Year Total Taxable Value:	\$75,800.00
Current Year Net Tax (Specials Not Included):	\$580.00
Total Special Assessments:	\$0.00
**Current Year Balance Not Including Penalty:	\$290.00
Delinquent Taxes:	No

\* For more information on delinquent taxes, please call the Aitkin County Treasurer's Office at 218-927-7325.

\*\* Balance Due on a parcel does not include late payment penalties.

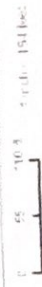




Date: 6/11/2024

Lanners

These data are provided on an "AS-IS" basis, without warranty of any type, including expressed or implied, but not limited to any warranty as to their conformity, merchantability, or fitness for any particular purpose.





# HOLDING TANK PUMPING SERVICE AGREEMENT

Permit # \_\_\_\_\_ Address 30982 422nd LN. Aitkin MN 56431 (Flemming Lake)

THIS AGREEMENT, entered into by and between Aitkin County Registered Septic Tank Pumper, Goble's Sewer Service Inc., hereinafter referred to as "Contractor", and Rick Lanners, hereinafter referred to as "Homeowner".

WHEREAS, Homeowner desires and is required to retain individual sewage treatment system holding tank services to protect the environment and to obtain a certificate of compliance from Aitkin County; and

WHEREAS, the Contractor desires to provide sewage treatment system pumping services to Homeowner as necessary and in accordance with the terms and conditions outlined herein.

NOW THEREFORE, in consideration of the mutual promises contained herein, Parties do hereby agree as follows:

1. **TERM.** The term of this Agreement shall be from \_\_\_\_\_ to final installation of an Aitkin County approved sewage treatment system or connection to a Municipal Sewage Treatment System, unless earlier terminated as provided herein. The parties understand and agree that this Agreement is intended to arrange for the provision of pumping services so that Homeowner may occupy the home pursuant to a certificate of compliance to be issued by the Aitkin County Environmental Services Department upon execution of this Agreement. Homeowner further agrees that at the earliest possible date, Homeowner shall have a permanent sewage treatment system installed in accordance with the Aitkin County Subsurface Sewage Treatment System Ordinance and as approved by the Aitkin County Environmental Services Department or connect to a Municipal Sewage Treatment System. Upon approval by the County of Aitkin of the individual sewage treatment system or connection to a municipal sewer, or approval by Aitkin County Environmental Services of an amended or different contract, this Agreement shall terminate.

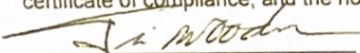
2. **FREQUENCY OF PUMPING.** Homeowner agrees that he/she shall not allow the holding tank to overflow or discharge in any manner. Contractor and Homeowner agree that the holding tank shall be pumped in accordance with the following:

- Tank size (gal.) \_\_\_\_\_ / (number of household occupants multiplied by 75 gallons per day) = frequency of pumping; or
- Within 24 hours of indication by tank alarm of lack of capacity (applicable only if system has a functional alarm);
- Whichever is greater

Contractor agrees to provide pumping services according to the regular pumping schedule or as needed to prevent discharge. Homeowner shall compensate Contractor as agreed by the parties for pumping services rendered.

3. **INSPECTION.** Holding tanks will be inspected by a licensed pumper at the time of servicing for leaks below the operating depth and whether tank tops, riser joints, and connections leak through visual evidence of major defects.

4. **REPORTING.** Grievances of Homeowner or Contractor shall be reported to the Aitkin County Environmental Services Department by Homeowner or Contractor. Homeowner and Contractor understand that failure to have holding tank pumped as herein specified or the discharge of any contents from the holding tank, regardless of fault, may result in the suspension, cancellation or revocation of the certificate of compliance, and the homeowner may be required to vacate the premises.

  
Contractor

Date 6/15/2020

Goble's Sewer Service Inc. (218) 927-6175

1037 1st St. NW Aitkin MN 56431

P:\PZSHARE\Forms\Pumping Agreement DOCPumping Agreement

\_\_\_\_\_  
Homeowner

Date \_\_\_\_\_

Rick Lanners 612-419-2073

( rflanners@gmail.com )

1306 Viking Dr.

Buffalo MN 56313