

Aitkin County Holding Tank Design Back Lot

Property Owner: Marl Ellingsen Date: 7/25/2021 Cell: 507-251-3547
 Mailing Address: 15815 560th St. Home Phone #: _____
 City: West Concord State: MN Zip: 55985
 Site Address: 48616 384th PL Parcel Number: 35-1-076000
 City: Palisade State: MN Zip: 56469
 Driving Directions if no address issued : _____

Legal Description : Lot 4 Al-Glado
 Sec: 20 Twp.: 49 Range : 26 Twp. Name : Waukenabo
 Lake / River : Round Lake / River Classification : RD

FLOW DATA
 Number of Bedrooms : 2
 Dwelling Classification : I
 System Type : II
 Gallons per Day (GPD) : 300

Estimated Flow in Gallons per Day (GPD)

Bedrooms	Class I	Class II	Class III
2	300	225	180
3	450	300	218
4	600	375	256
5	750	450	294
6	900	525	332
7	1050	600	370
8	1200	675	408

WELLS
 Deep Well : None
 Shallow Well : Existing Shallow


Wells to be sealed (if Applicable) ? _____

SETBACKS
 Tank(s) to Well : +50' Drainfield to Well : NA Sewer Line to Well : _____
 Tank(s) to House : +10' Drainfield to House : NA Air Test NO
 Tank(s) to Property Line : +30' Drainfield to Property Line : NA

Additional System Notes and Information: _____


Existing septic tank has been removed, gravity bed has been abandon.
 Lot is too small for a type I septic system, not enough room because of disturbed soil (Abandon drainfield)
 Install 2 1500 gal. holding tanks in series. There will be 2 camper sites on this lot.

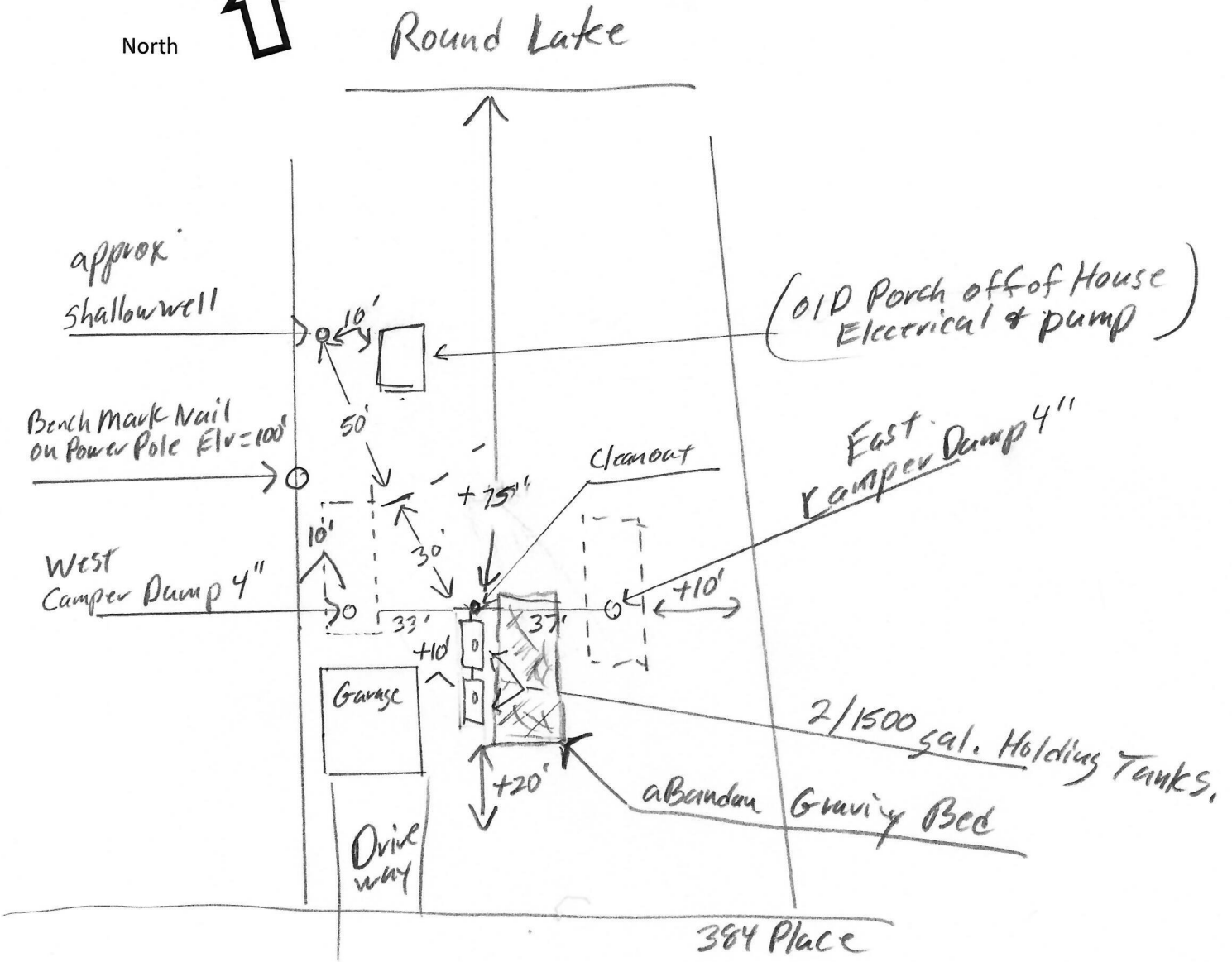
Designer Name : Jeff Brummer License Number : L-1347
 Address : 7450 Burr Ln. City : Brainerd State : MN
 Zip Code : 56401 Home Phone # : _____ Cell: 218-821-0704
 E-Mail Address : brummerseptic@gmail.com

Designer Signature :  Date: 7/25/2021
 Page: 1 Of _____

Aitkin County { Holding Tank Design }

Property Owner: Marl Ellingsen Date: 7/25/21 Designer's Initials: JB

One Inch = 40 ft.




Round Lake approx. OHW Elv. = 95.8' on 7/23/2021

Please show all that apply (Existing or Proposed): Please Draw to Scale with North to Top or Left Side of Page:

- | | | |
|---|---------------------------|-----------------------------------|
| Wells within 100ft. Of Drain field. | Disturbed/Compacted Areas | Access Route for Tank Maintenance |
| Water lines within 10 ft. of Drain field. | Component Location | Property Lines |
| Drain field Areas: | OHW ordinary high water | Structures |
| | Lot Easements | Setbacks |

Elevations : Benchmark Elevation: Elv.= 100' Nail on Power pole West property line

West camper site Grade Elv. = 98.6'

East Camper Site Grade Elv. = 100.3'

Grade at 1st holding tank loacation Elv. = 100'

Estimated 1st holding tank inlet Elv. = 97'

Page: Of

Aitkin County { Design Notes }

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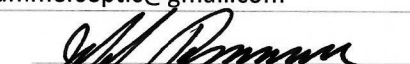
lot 4 , owner will have 2 camper sites with dump station.
Lot is too small for Type I system. Abandon drainfield takes up area were possible type III mound location might be.
Existing shallow well is West of old porch that houses the electrical & well pump.
Existing septic tank has been removed, existing gravity bed has been abandon.
Owner will have 2 camper sites with gravity flow to the 1st holding tank.
Install should have both holding tanks waterproofed. Bottoms will be in water.
Install a clean-out at junction of the 2 sewer pipes from the camper sites.
Install with serial gravity flow from 1st tank to 2nd tank.
Raise at least one manhole per compartment, (recommend raised 4" to 6" above finished grade for access).
Install electric alarm in 2nd tank at 66% of tanks capacity.
this will leave approx. 500 gallons of reserve capacity.
Tank will meet 50ft. Setback from well, and will meet 10 ft. setback to all property lines.
Tank will meet 10 ft. setback to buildings. Tanks will meet setback to lake 75'.

Home owner will have a pumping agreement with local pumper on file.

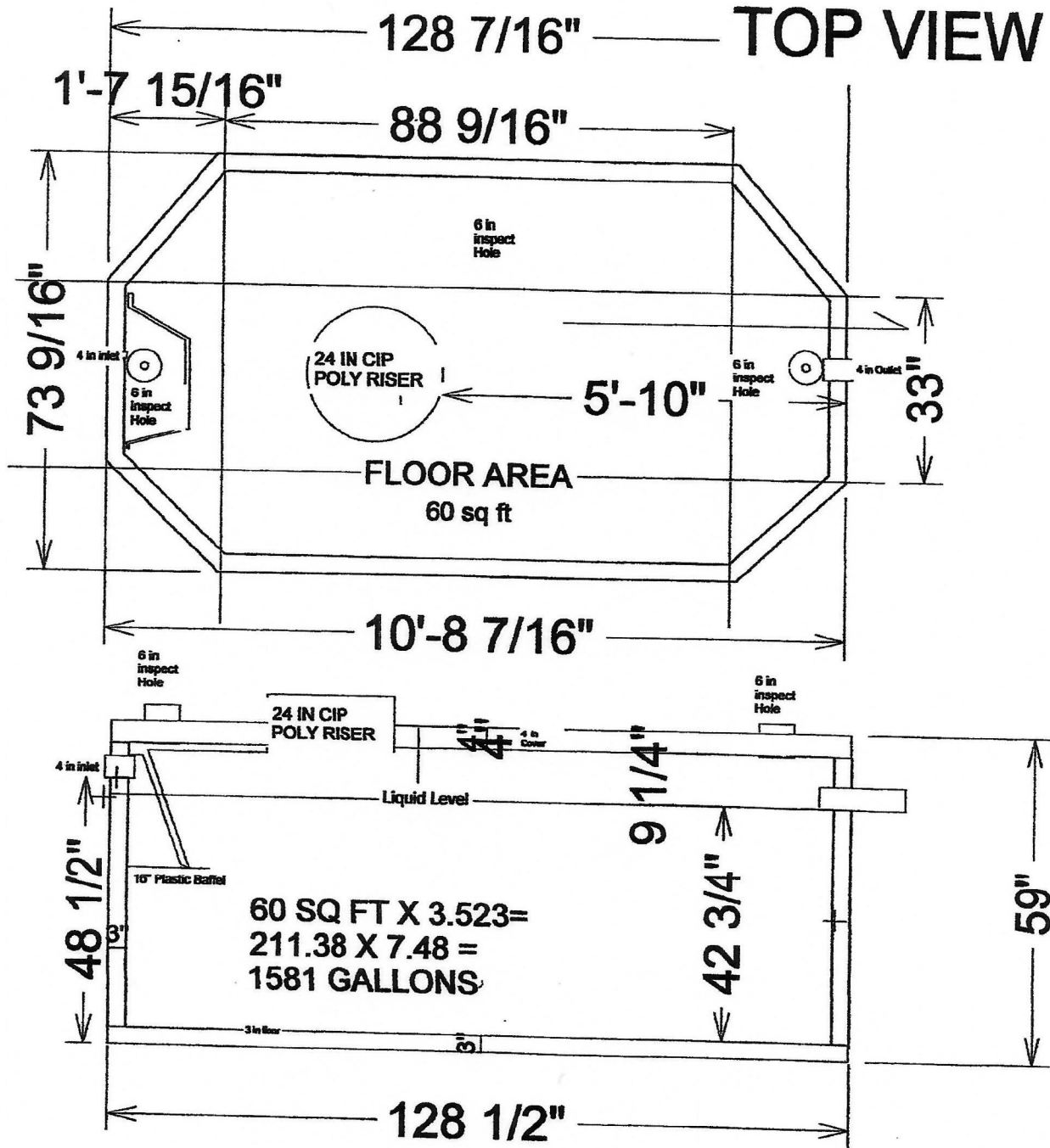
Setbacks are

- 50 ft. from well
- 10 ft. from lot line
- 10 ft. from road easement
- 10 ft. from structure.
- 75 ft Round Lake setback.

Owner should install protection around tank to keep traffic off tank. (Boulders, fence)

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: 7/25/2021

1500H Holding Tank



35.08 gallons per. inch

SIDE VIEW

Drawings Owned BY Jacobson Precast, LLC
 36641 HWY 169, Aitkin, Mn 56431

Do not copy drawings without permission of the Owner



Detailed Parcel Report

Parcel Number: 35-1-076000

General Information

Township/City:	WAUKENABO TWP	Lake Number:	1013700
Taxpayer Name:	LANDRUS, MICHAEL & ELLINGSEN, SHARI	Lake Name:	ROUND LAKE (WAUKENABO TWP) <i>RD 75'</i>
Taxpayer Address:	6004 WOODALE AVENUE	Acres:	0.00
	EDINA MN 55424	School District:	1.00
Property Address:	48616 384th Pl		
Township:	49		
Range:	26		
Section:	20		
Green Acres:	No		
Plat:	AL-GLADO		
Brief Legal Description:	LOT 4		

*OHW - 1228.9
Highest known - 1229.35
Lowest floor 1232.35'*

Tax Information

Class Code 1:	Non-Comm Seasonal Residential Recreational
Class Code 2:	Unclassified
Class Code 3:	Unclassified
Homestead:	Non Homestead
Assessment Year:	2021

Estimated Land Value:	\$143,500.00
Estimated Building Value:	\$111,900.00
Estimated Total Value:	<u>\$255,400.00</u>
Prior Year Total Taxable Value:	\$256,500.00
Current Year Net Tax (Specials Not Included):	\$1,962.00
Total Special Assessments:	\$0.00
**Current Year Balance Not Including Penalty:	\$981.00
Delinquent Taxes:	No

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

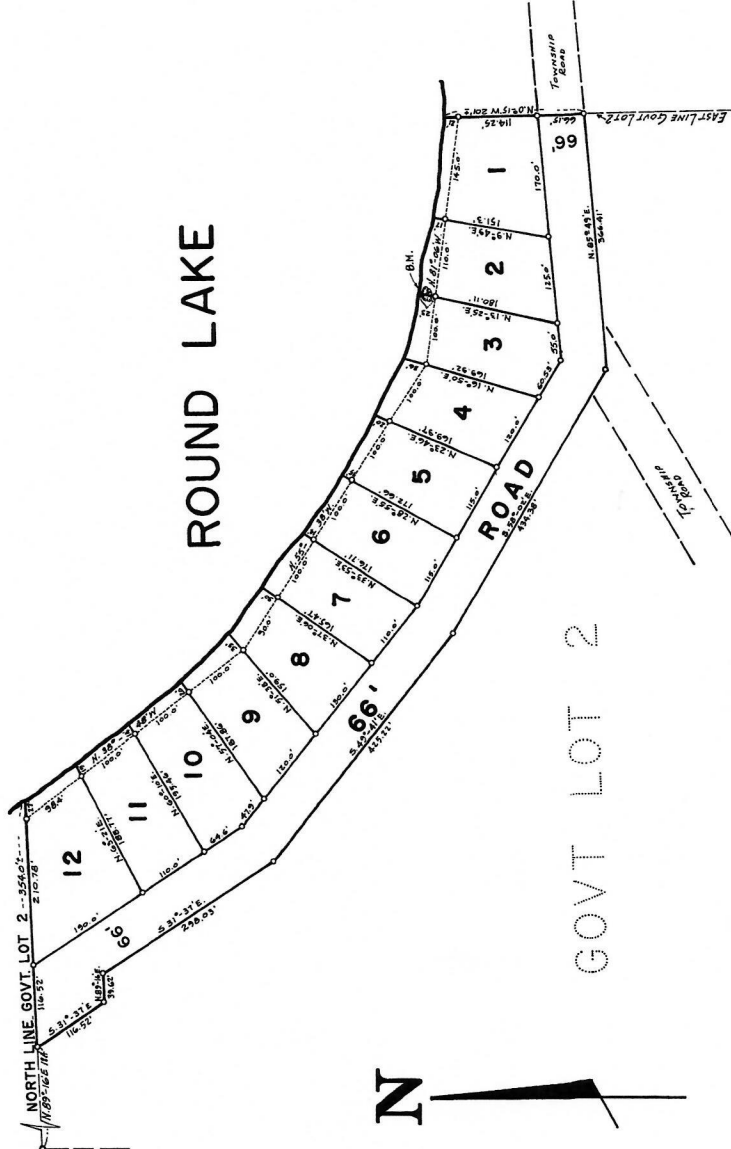
** Balance Due on a parcel does not include late payment penalties.

AL-GLADO

AITKIN COUNTY, MINNESOTA

SCALE 1" = 100'
BEARINGS ASSUMED
DENOTES IRON

W. L. VOIGT, SURVEYOR
AITKIN, MINNESOTA



1693300
STATE OF MINNESOTA
COUNTY OF AITKIN
W. L. VOIGT, Surveyor
Aitkin, Minn.
April 19, 1970

TAXES PAID AND
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KNOW ALL MEN BY THESE PRESENTS: That ALFRED OLSEN and GLADYS OLSEN, his wife, owners of the premises described in the plat hereto attached, do hereby certify that the premises described in the plat hereto attached are the same as they own free and clear of all claims, liens, mortgages, taxes, assessments, and other encumbrances, and they acknowledged that they executed the same as their own free and clear deed.

In presence of:
Signed: Alfred Olsen
Alfred Olsen
Gladys Olsen
Gladys Olsen

State of MINNESOTA s.s.
County of AITKIN
On this 19th day of November, 1970, A.D., before me, a Notary Public, within and for said County and State, personally appeared ALFRED OLSEN and GLADYS OLSEN, his wife, to me known to be the persons described in the foregoing instrument, and they acknowledged that they executed the same as their own free and clear deed.

I, Wm. L. Voigt, do hereby certify that I have surveyed and platted the property described on this plat as "AL-GLADO" and have placed iron monuments in the ground for guidance of future surveys and the same are correct as shown, that all distances are correctly shown in feet and decimals of a foot, that the outside boundary lines are correct and that the same are in accordance with the laws of Minnesota, and that the roads laid out or travelled except as shown.

W. L. VOIGT
Notary Public
My commission expires Aug. 5, 1972
Registered Land Surveyor
Minnesota Registration No. 5522
County of Aitkin

On this 19th day of November, 1970, A.D., personally appeared before me, a Notary Public, Wm. L. Voigt, Notary Public, who being duly sworn, depose and testify that he executed the foregoing certificate as his own free act and deed.

This is to certify that the adjoining plat has been seen by me and approved by the Board of County Commissioners at a regular meeting held this 19th day of November, A.D. 1970.

Chairman
Auditor

HOLDING TANK PUMPING SERVICE AGREEMENT PID# 35-1-076000

Permit # _____ Address 48616 384th Pl. Palisade Mn 56469

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

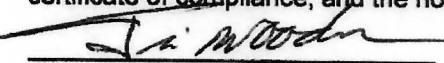
2. **FREQUENCY OF PUMPING.** Homeowner agrees that he/she shall not allow the holding tank to overflow or discharge in any manner. Contractor and Homeowner agree that the holding tank shall be pumped in accordance with the following:

- 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

Homeowner

Date 7/25/2021

Date _____

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

Mark Ellingsen 507-251-3547

1037 1st St. NW Aitkin MN 56431

P:\PZSHARE\FORMS\Pumping Agreement.DOC Pumping Agreement

Timber Lake Septic Service (218) 927-6175