



Brummer Septic LLC.

Site Evaluations, Septic Designs, Inspections

Designer I - Lic. #1347

Jeff Brummer (218) 821-0704

brummerseptic@gmail.com

Billing Statement

Invoice Number : 21-224 Donald Fairbanks

Job Location : 50655 Lake Ave. McGregor MN 55760

Parcel Number : 29-1-404300

Service of : Septic Design Holding Tanks \$375.00

Extra Trip \$75.00

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

Amount Due : \$450.00

Date of billing : 10/11/2021

Billing Information

Payment Due : 11/11/2021

Northstar Design & Build Inc (Cal Jacobson) 218-357-2264

6747 Pacific Ave.

Wright MN 55798 (callumberman@gmail.com)

Make Payment to:

Brummer Septic LLC.

7450 Burr Lane

Brainerd MN. 56401

Thank you, Jeff Brummer

Aitkin County Holding Tank Design ~~Backlot~~

Property Owner: Donald Fairbanks Date: 10/11/2021 Cell: 612-419-0469

Mailing Address: 2624 Edinbrook Ter N. Home Phone #: _____

City: Brooklyn Park State: MN Zip: 55443

Site Address: 50655 Lake Ave. Parcel Number: 29-1-404300

City: McGregor State: MN Zip: 55760

Driving Directions if no address issued: _____

Legal Description: Lot 10 and part of lot 9 Big Sandy Highlands ~~XXXXXX~~ 4th Add

Sec: 9 Twp.: 49 Range: 23 Twp. Name: Shamrock

Lake / River: Big Sandy Lake / River Classification: GD

FLOW DATA
 Number of Bedrooms: 3
 Dwelling Classification: I
 System Type: II
 Gallons per Day (GPD): 450

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: 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: _____
 Tank(s) to House: 35' Drainfield to House: NA Air Test: NO
 Tank(s) to Property Line: +10' Drainfield to Property Line: NA

Additional System Notes and Information: _____

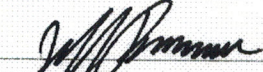
Lot is to small for type I septic system
Bluff setback, house, property lines, private road.

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: 10/11/2021

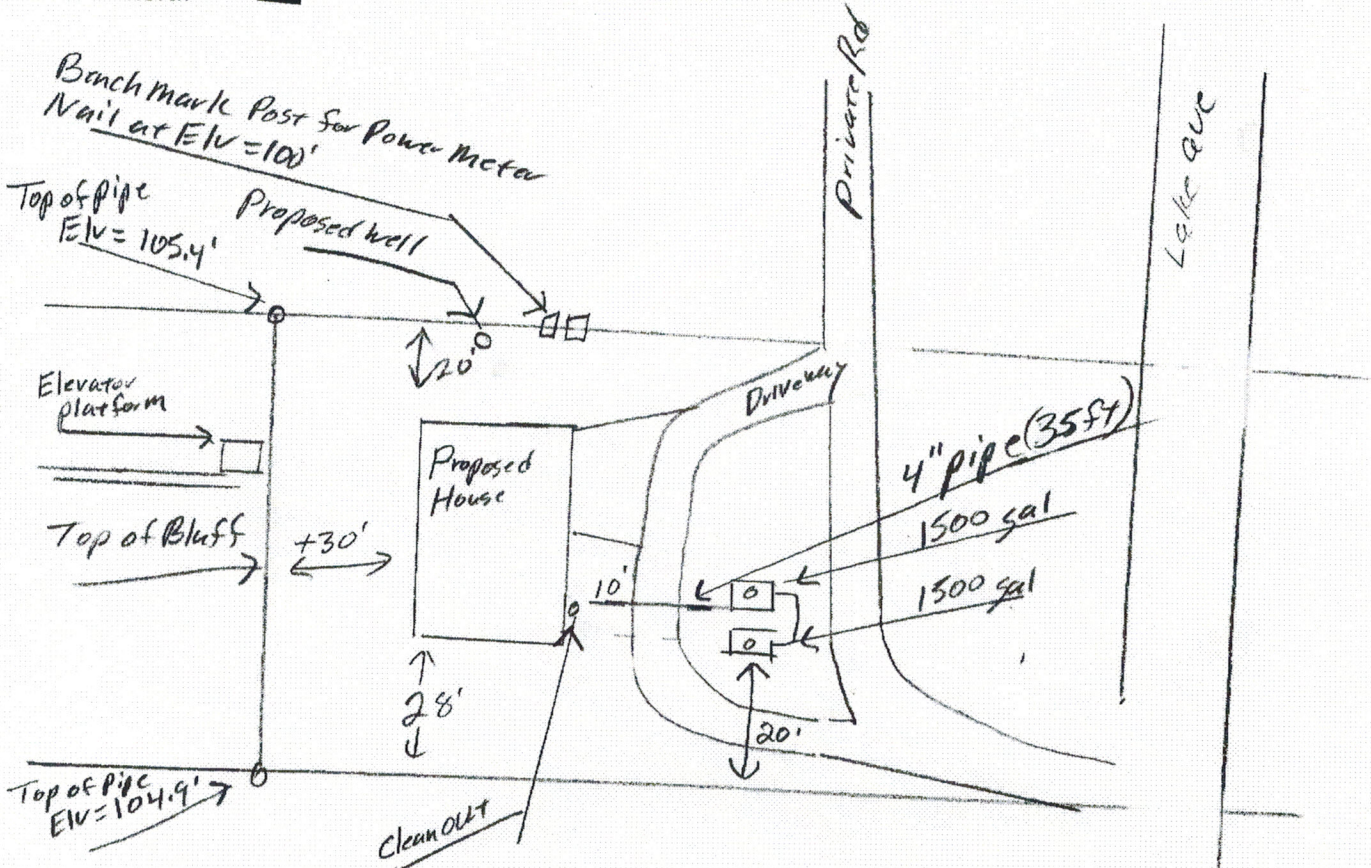
Page: 1 Of _____

Aitkin County { Holding Tank Design }

Property Owner: Donald Fairbanks
 One Inch = 40 ft.

Date: 10/11/21 Designer's Initials : JB

North



Pipe at South Prop Line Top of Bluff Elv. = 104.9'
 Pipe at North Prop Line Top of Bluff Elv. = 105.4'
 Elevator platform Elv. = 104'

Existing Grade at proposed house corners
 SE Elv. = 96.7'
 SW Elv. = 101.8'
 NE Elv. = 97.4'
 NW elv. = 101.6'

Elevation of house not set at time of design.
 Estimated Big Sandy Lake Elv. = 60' on 10/11/2021

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 Meter Post North Property Line.

Proposed tank grade Elv.= 94'
 Proposed tank inlet Elv.= 92.5'
 Existing Grade at SE corner of proposed house Elv. = 96.7'
 Estimated sewer pipe at house Elv.= 94.5'
 Top of Survey pipe at NW lot Corner Elv.= 105.4'

Page: Of

Aitkin County { Design Notes }

Property Owner: Donald Fairbanks Date: 10/11/2021 Designer's Initials: JB
50655 Lake Ave. McGre Pin: 29-1-404300

Proposed House will have 2 holding tank system (2 - 1500 gallon Holding Tanks).
Lot is too small for Type I system. Proposed deep well will be + 50' from tanks.

- Install 2 1500 single Compartment Jacobson holding tanks.
- Install with serial gravity flow from 1st tank. Insulate pipe under driveway.
- Raise at least one manhole per compartment.
- Install electric alarm in last compartment at 50% of tanks capacity.
- this will leave approx. 750 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' and 30 ft to top of bluff.

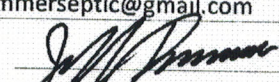
Home owner has a pumping agreement with local pumper on file.

Setbacks are

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

(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 protection around tank to keep traffic off tank.

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: 10/11/2021



Detailed Parcel Report

Parcel Number: 29-1-404300

General Information

Township/City: SHAMROCK TWP
Taxpayer Name: FAIRBANKS, DONALD W
Taxpayer Address: 2624 EDINBROOK TER N
BROOKLYN PARK MN 55443
Property Address: 50655 LAKE AVE
Township: 49 Lake Number: 1006200
Range: 23 Lake Name: BIG SANDY LAKE
Section: 9 Acres: 0.00
Green Acres: No School District: 4.00
Plat: BIG SANDY LAKE HIGHLANDS FOURTH ADDITION
Brief Legal Description: LOT 10

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: | \$89,800.00 |
| Estimated Building Value: | \$0.00 |
| Estimated Total Value: | <u>\$89,800.00</u> |
| Prior Year Total Taxable Value: | \$84,500.00 |
| Current Year Net Tax (Specials Not Included): | \$714.00 |
| Total Special Assessments: | \$0.00 |
| **Current Year Balance Not Including Penalty: | \$357.00 |
| 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.



Detailed Parcel Report

Parcel Number: 29-1-404201

General Information

Township/City: SHAMROCK TWP
Taxpayer Name: FAIRBANKS, DONALD W
Taxpayer Address: 2624 EDINBROOK TER N
BROOKLYN PARK MN 55443
Property Address:
Township: 49 Lake Number: 1006200
Range: 23 Lake Name: BIG SANDY LAKE
Section: 9 Acres: 0.00
Green Acres: No School District: 4.00
Plat: BIG SANDY LAKE HIGHLANDS FOURTH ADDITION
Brief Legal Description: LOT 9 LESS PART IN DOC 203022

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: | \$41,900.00 |
| Estimated Building Value: | \$0.00 |
| Estimated Total Value: | <u>\$41,900.00</u> |
| Prior Year Total Taxable Value: | \$39,400.00 |
| Current Year Net Tax (Specials Not Included): | \$328.00 |
| Total Special Assessments: | \$0.00 |
| **Current Year Balance Not Including Penalty: | \$164.00 |
| 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.

BIG SANDY LAKE HIGHLANDS FOURTH ADDITION

AITKIN CO. MINN.
Scale 1" = 200' JPLarsen Surveyor

I, the undersigned, being the duly authorized agent of the Board of Supervisors of Aitkin County, Minnesota, do hereby certify that the above described property is the property of the Board of Supervisors of Aitkin County, Minnesota, and that the same is being sold for the purpose of raising money to defray the cost of the construction of the Big Sandy Lake Highlands Fourth Addition and the same is being sold for the purpose of raising money to defray the cost of the construction of the Big Sandy Lake Highlands Fourth Addition and the same is being sold for the purpose of raising money to defray the cost of the construction of the Big Sandy Lake Highlands Fourth Addition.

Chas. R. Ely
City of Aitkin, Minn.

HAYKNIGHTS, INCORPORATED
March 9, 1915
J. H. Hayknights, Jr. Secretary

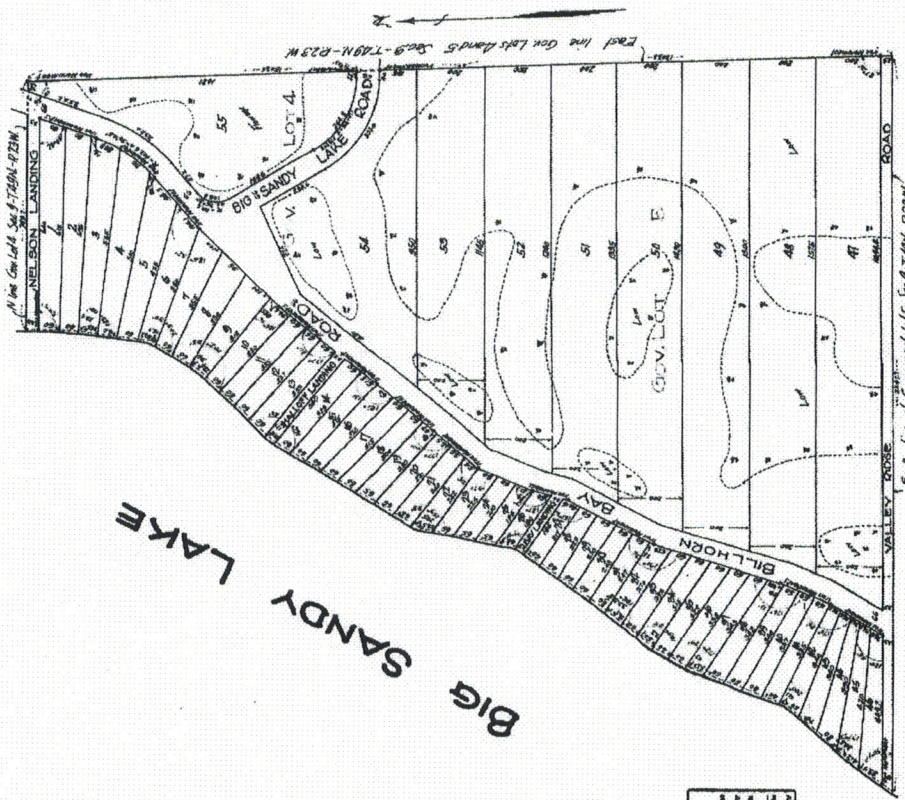
On this 2nd day of July, A.D. 1915, before me a Notary Public within and for the County of Hennepin, State of Minnesota, the undersigned, the President and Secretary of the Board of Supervisors of Aitkin County, Minnesota, and the Secretary of the Board of Directors of Hayknights, Incorporated, all of whom are duly qualified, have appeared in my office and have acknowledged to me the foregoing instrument, and that the same is being sold for the purpose of raising money to defray the cost of the construction of the Big Sandy Lake Highlands Fourth Addition and the same is being sold for the purpose of raising money to defray the cost of the construction of the Big Sandy Lake Highlands Fourth Addition.

Witness my hand and seal of office this 2nd day of July, A.D. 1915.
Notary Public, Hennepin County, Minn.

I hereby certify that I have surveyed and platted the property described on this plat as Big Sandy Lake Highlands Fourth Addition, that this plat is a correct representation of said survey, that all distances are correctly shown on this plat in feet and decimals of a foot, that the monuments for the purposes of future surveys have been correctly placed on the ground as shown on this plat, that the outside boundary lines are correctly depicted on this plat, and that the topography of the land is correctly shown as the same appears on the plat and that there are no wet lands or public highways to be depicted on said plat other than as shown thereon.

Above certificate surveyed and sworn to before me this 2nd day of July, A.D. 1915.
Notary Public, Hennepin County, Minn.

Approved and attested by the Board of County Commissioners, Aitkin County, Minn., at a regular meeting held this 2nd day of July, A.D. 1915.
J. H. Hayknights, Jr. Secretary



75086
RECORDS OFFICE
Aitkin County, Minn.
TAXES PAID AND
RECORDED
BY THE
COUNTY CLERK

TAXES PAID AND
RECORDED
BY THE
COUNTY CLERK

HOLDING TANK PUMPING SERVICE AGREEMENT PID # 29-1-404300

Permit # _____ Address 50655 Lake Ave. McGregor MN 55760

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

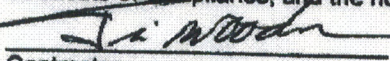
2. **FREQUENCY OF PUMPING.** Homeowner agrees that he/she shall not allow the holding tank to overflow or discharge in any manner. Contractor and Homeowner agree that the holding tank shall be pumped in accordance with the following:

- 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 10/11/2021

Date _____

Goble's Sewer Service Inc. (218) 927-6175
1037 1st St. NW Aitkin MN 56431

612-419-0469
Donald Fairbanks

P:\PZSHARE\Formal Pumping Agreement.LOC\Pumping Agreement
Timber Lake Septic Service (218) 927-6175

HOLDING TANK PUMPING SERVICE AGREEMENT PID # 29-1-404300

Permit # _____ Address 50655 Lake Ave. McGregor MN 55760

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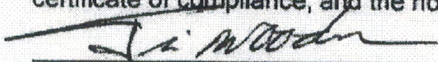
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- Whichever is greater

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Contractor

Homeowner

Date 10/11/2021

Date _____

Goble's Sewer Service Inc. (218) 927-6175
1037 1st St. NW Aitkin MN 56431

Donald Fairbanks
612-419-0469

P:\PZSHARE\FormatPumping Agreement.DOC Pumping Agreement

Timber Lake Septic Service (218) 927-6175

Subsurface Sewage Treatment System Management Plan

Property Owner: Donald Fairbanks Phone: 612-419-0469 Date: 10/11/2021
Mailing Address: 2624 Edinbrook Ter N. City: Brooklyn Park MN Zip: 55443
Site Address: 50655 Lake Ave. City: McGregor MN Zip: 55760

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 36 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.*

Owner ----> *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: 10/11/2021

See Reverse Side for Management Log

Maintenance Log

| Activity | Date Accomplished |
|--|-------------------|
| Check frequently: | |
| Leaks: check for plumbing leaks | |
| Soil treatment area check for surfacing | |
| Lint filter: check, clean if needed | |
| Effluent screen: if owner-maintained | |
| Water usage rate (monitor frequency _____) | |
| Check annually: | |
| Caps: inspect, replace if needed | |
| Sludge & Scum/Pump | |
| Inlet & Outlet baffles | |
| Drainfield effluent leaks | |
| Pump, alarm, wiring | |
| Flush & clean laterals if cleanouts exists | |
| Other: _____ | |
| Other: _____ | |

Notes: Check alarm at least once a year.

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

Mitigation/corrective action plan: _____