

Aitkin County Privy Holding Tank Design

Property Owner: Barbara Miller Date: 11/3/2022 Cell: 561-310-6983
 Mailing Address: 19933 State Hwy 65 Home Phone #: _____
 City: McGrath State: MN Zip: 56350
 Site Address: 19933 State Hwy 65 Parcel Number: 25-0-026300
 City: McGrath State: MN Zip: 56350
 Driving Directions if no address issued : _____

Legal Description : 8.9 Acres
 Sec : 17 Twp.: 44 Range : 23 Twp. Name : Pliny 150' SSTS
 Lake / River : Snake River Lake / River Classification : Remote

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 : None

Wells to be sealed (if Applicable) ? _____

SETBACKS
 Tank(s) to Well : NA 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 : + 50' Drainfield to Property Line : NA

Additional System Notes and Information:
 There are No Wells on this parcel. Snake River is a Remote River Setback is 150' to SSTS
 Oct 15 2001 Soil Sites were completed, This is not in a site, one is East, and one is North
 Privy should be vented when completed.

Designer Name : Jeff Brummer License Number : L-1347
 Address : 14650 Agate Ridge Road City : Brainerd State : MN
 Zip Code : 56401 Home Phone # : _____ Cell: 218-821-0704
 E-Mail Address : brummerseptic@gmail.com

Designer Signature :  Date: 11/3/2022
 Page: 1 Of _____

Aitkin County Holding Tank Design Lake Lot

Property Owner: Barbara Miller Date: 11/3/2022 Designer's Initials: JB

Please record the depth of all horizons, redoximorphic features, restricting layers, and saturated soils. Include all Chroma and hue values.

SB - 1 Proposed Site *Info for Owner*

Depth (in.)	Texture	Color
0 - 4	Top Soil	10YR 3/2
4 - 18	Sandy Loam	10YR 5/3
18 - 34	Loam	10YR5/3
34 - 44	Sandy Loam	10YR5/3
44 - 48	Clay Loam	7.5YR4/4

Mottles at 12"

SB - 2 A Alternate Site

Depth (in.)	Texture	Color

SB - Alternate Site

Depth (in.)	Texture	Color

SB - Alternate Site

Depth (in.)	Texture	Color

Soil Sizing Factors / Hydraulic Loading Rates

Perc. Rate	Texture	SSF	HLR	Perc. Rate	Texture	SSF	HLR
<0.1	Coarse Sand			16 to 30	Loam	1.67	0.60
0.1 to 5	Sand	0.83	1.20	31 to 45	Silt Loam	2.00	0.50
0.1 to 5	Fine Sand	1.67	0.6	46 to 60	Clay Loam	2.20	.045
6 to 15	Sandy Loam	1.27	0.79	> 60	Clay Loam	****	0.24

Description of Soil Treatment Areas

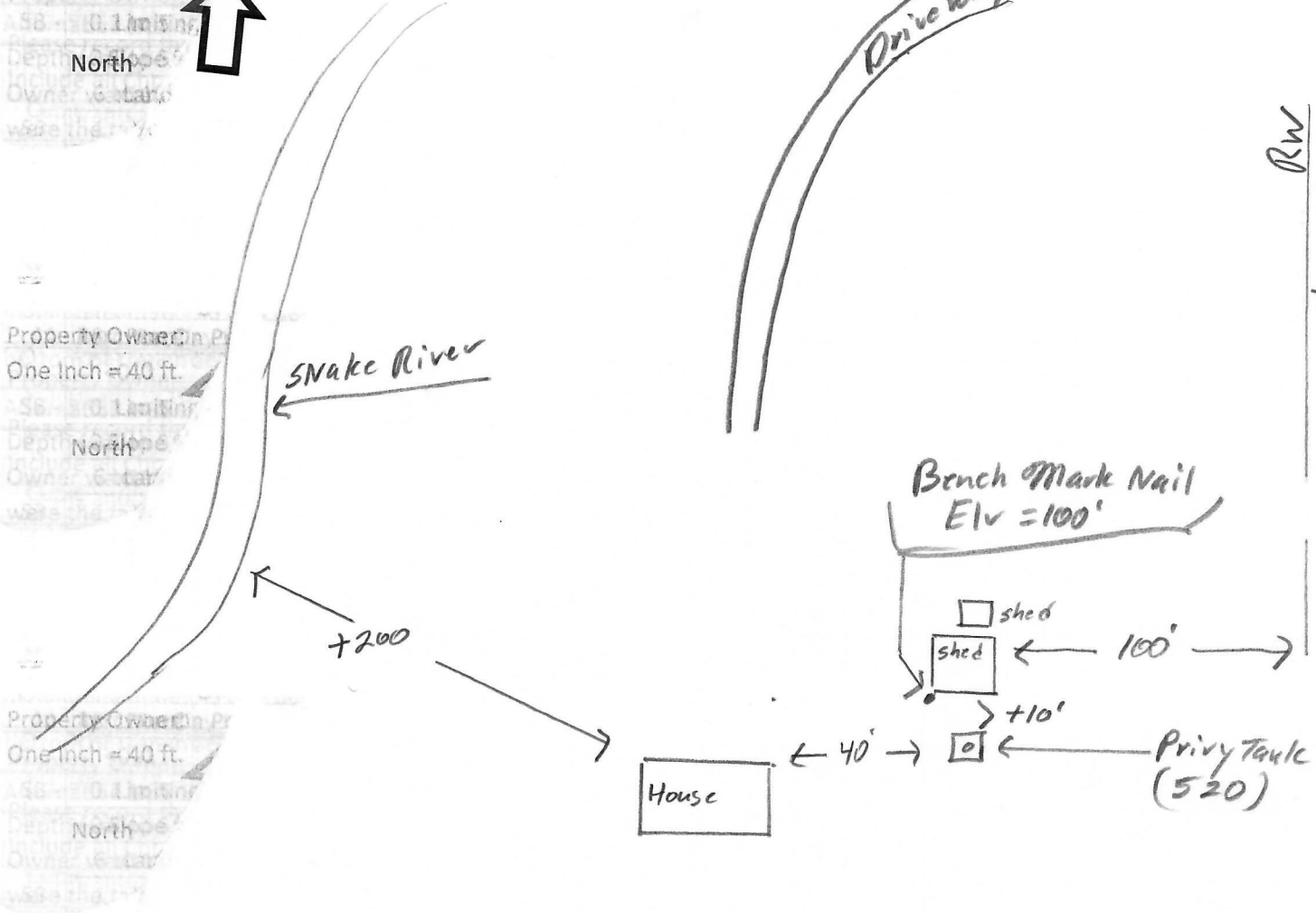
	Proposed Site	Alternate Site
Disturbed Area ?	No	No
Compacted Area ?	No	No
Flooding Potential ?	No	No
Run On Potential ?	No	No
Limiting Layer Depth	SB = 1	SB = 0
Slope % and Direction		
Landscape Position		
Vegetation Types		
Soil Texture		
Soil Sizing Factor (SSF)	Select One	Select One

Comments : Soil borings is in the Privy tank location. Owner wanted to know what type of soils

Aitkin County { Holding Tank Design }

Property Owner: Barbara Miller Date: 11/3/22 Designer's Initials: JB

One Inch = 40 ft.



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 SW coner of Shed
New tank grade Elv.= 99'	Grade at SE corner of Shed Elv. = 100.1'
Grade at NE corner of house Elv. = 98.7'	
Shore Elv. = 98.3'	Snake River Water Elv. = 92" on 11/3/2022
Estimated Top of Privy holding Tank Elv. = 99'	

Please show all tha
Wells within 100ft
Water lines wit
Drain field Area

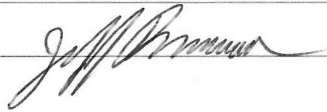
Aitkin County { Design Notes }

Property Owner: Barbara Miller Date: 11/3/2022 Designer's Initials : JB
19933 State Hwy 65 Mc Pin : 25-0-026300

Existing Lot does not have a well. Existing house is +200 ft from Snake river.
Proposed Privy tank location is +200 ft to Snake River and +100' to Hwy 65 RW.
Parcel had soil sites completed in 2001, Sites are North of Shed and East of Shed.
Install 520 Jacobson tank to be used as Privy holding tank.
Install with top of tank at Approx. Elv.= 99'
Owner will install a privy building on top of tank, raise manhole to under seat. Vent tank when completed.
Owner will have a pumping agreement with a local pumper.
Recommend insulating Privy tank sides and top.
Recommend installing 12" to 24" of cover soil on top of tank for ballast.
Tank will meet 10 ft. setback to buildings.

Setbacks are

50 ft. from well No Wells on Site
10 ft. from lot line
10 ft. from road easement
10 ft. from structure.
150 ft Snake River setback.
Tank will

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520 Gallon Pump Tank

520 522 gals

Dr#
3F

520 Gall

520 522 gals

Dr#
3F

520 Gall

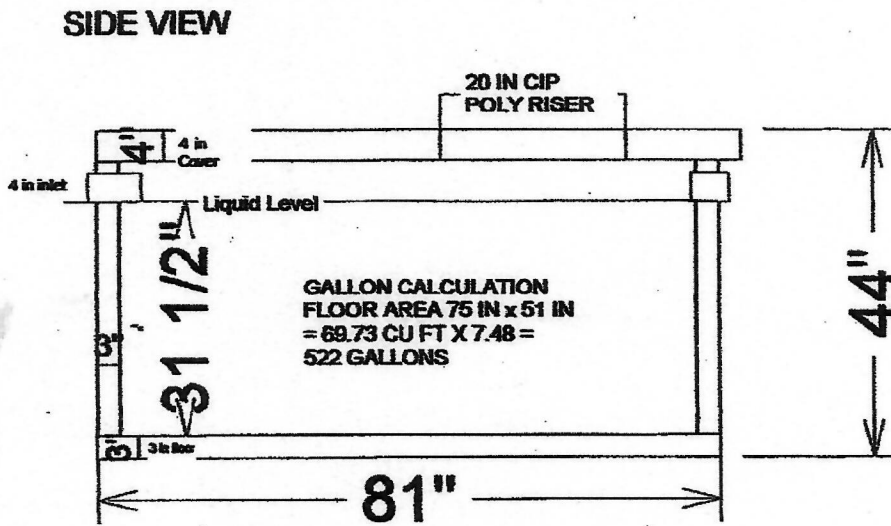
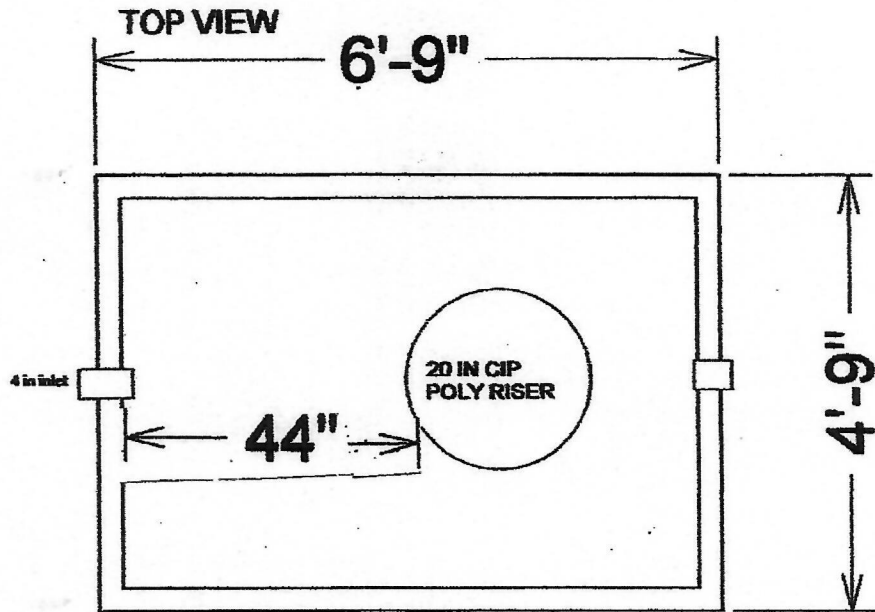
520 522 gals

Dr#
3F

520 Gall

520 522 gals

Dr#
3F



522 gals. / 31.5" = 16.57 GPI

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

520 Do not copy drawings without permission of the Owner

520 522 gals

Dr#
3F

520DDd W

HOLDING TANK PUMPING SERVICE AGREEMENT

Permit # _____ Address 19933 State Hwy 65 McGrath MN 56350

THIS AGREEMENT, entered into by and between Aitkin County Registered Septic Tank Pumper, Kangus Enterprise Inc., hereinafter referred to as "Contractor", and Barbara Miller, 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.

520

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.

520

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.

Toney Kangas
Contractor

Barbara Miller
Homeowner

Date 11/2/2022

Date 11/3/22

Kangus Enterprise Inc. C-7360
38329 St Hwy 65
McGregor MN 55760 218-768-2575
P:\PZSHARE\Forms\Pumping Agreement.LDOC\Pumping Agreement

Barbara Miller
19933 State Hwy 65 McGrath MN 56350

Permit # _____
Aitkin County
System Agreement



Detailed Parcel Report

Parcel Number: 25-0-026300

General Information

Township/City: PLINY TWP
 Taxpayer Name: MILLER, BARBARA J
 Taxpayer Address: 19933 STATE HWY65
 MCGRATH MN 56350
 Property Address: 19933 STATE HWY 65
 Township: 44
 Range: 23
 Section: 17
 Green Acres: No
 Plat:
 Brief Legal Description: PT NE OF NE EASTERLY OF CENTER OF SNAKE RIVER & LESS .04 AC HY

Lake Number: 1099200
 Lake Name: SNAKE RIVER
 Acres: 8.96
 School District: 4.00

*Remote 150'
 Forested 100'
 SSTS*

Tax Information

Class Code 1: Non-Comm Seasonal Residential Recreational
 Class Code 2: Unclassified
 Class Code 3: Unclassified
 Homestead: Non Homestead
 Assessment Year: 2022

Estimated Land Value: \$30,700.00
 Estimated Building Value: \$16,300.00
 Estimated Total Value: \$47,000.00
 Prior Year Total Taxable Value: \$33,100.00
 Current Year Net Tax (Specials Not Included): \$260.00
 Total Special Assessments: \$0.00
 **Current Year Balance Not Including Penalty: \$0.00
 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.

Sale History