

FIELD EVALUATION SHEET

PRELIMINARY EVALUATION DATE 6/28/23, FIELD EVALUATION DATE 6/28/23
 PROPERTY OWNER: GARY BOSSER Rick WYNN PHONE 763-691-4331
 ADDRESS: 39557 State Hwy 18 CITY, STATE, ZIP: AITKEN MN 56431
 LEGAL DESCRIPTION:
 PIN# 36-0-046300 SEC 30 T 45 R 26 TWP NAME Wealthwood
 FIRE# 39557 LAKE/RIVER Millie LACS LAKE CLASS _____ OHWL _____ FT.

DESCRIPTION OF SOIL TREATMENT AREAS

	AREA #1	AREA #2	REFERENCE BM ELEV. _____ FT.
DISTURBED AREAS	YES _____ NO <u>X</u>	YES _____ NO <u>X</u>	REFERENCE BM DESCRIPTION _____
COMPACTED AREAS	YES _____ NO <u>X</u>	YES _____ NO <u>X</u>	_____
FLOODING	YES _____ NO <u>X</u>	YES _____ NO <u>X</u>	_____
RUN ON POTENTIAL	YES _____ NO <u>X</u>	YES _____ NO <u>X</u>	_____
SLOPE %	<u>0%.</u>	_____	_____
DIRECTION OF SLOPE	_____	_____	_____
LANDSCAPE POSITION	<u>summit</u>	_____	_____
VEGETATION TYPES	<u>GRASS</u>	_____	_____

DEPTH TO STANDING WATER OR MOTTLED SOIL: BORING# 1 _____, 1A _____, 2 _____, 2A _____

BOTTOM ELEVATION--FIRST TRENCH OR BOTTOM OF ROCK BED: #1 _____ FT., #2 _____ FT.

SOIL SIZING FACTOR: SITE #1 _____, SITE #2 _____

CONSTRUCTION RELATED ISSUES: 1620 HOLDING TANK
Existing TANK FAILED Inspection

LIC# L4197 SITE EVALUATOR SIGNATURE: [Signature]

SITE EVALUATOR NAME: Raini Kottl TELEPHONE# 218-857-2013

LUG REVIEW _____ DATE _____

Comments: _____

SOIL BORING LOGS ON REVERSE SIDE

Holding tank Design

2011 purple code

www.SepticResource.com (vers 19.2)

Property Owner:

Gary Boser Rick Wynn

Date: 6/28/2023

Site Address:

39557 state hwy 18 Aitkin

PID: 36-0-046300

Comments:

installing new 1620 holding tank for future mound.

instructions: = site specific input = adjust if desired = self-calculated (DO NOT ADJUST)

1) bedroom Type Residential System

2) GPD design flow

Lift station to holding tank (lift basket < 100 gal treat as sewer line, > 100 gal treat as tank)

3) Gallon Holding tank (minimum) at gpi

4) inches from bottom of tank to "Hi Level" float (75% full when alarm activates)

5) gallons reserve capacity (after High Level Alarm is activated)

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.


Designer Signature

218 SEPTIC
Company

L4197
License#

6/28/2023
Date

RAINI KOHL 218-851-2013 218SEPTIC@gmail.com

INSPECTOR CHECK LIST - Holding Tank

39557 state hwy 18 Aitkin

- WELL setbacks: 20'-50' to sewer line req's MDH pressure test form (5 psi for 15 min)
50' to everything
- PROPERTY LINES setback: 10' to everything
- Road setback: platted : 10' prop line. Metes & bounds : out of road easement, or outer ditch
- LAKE / BLUFF setback: 20' for bluff. Lakes: GD ____, RD ____, NE _____. Protected wetland ____.
- Building setbacks: 10' for everything.
- WATER LINE under pressure 10' to tank & sewer line. (else sewer line > 12" below)

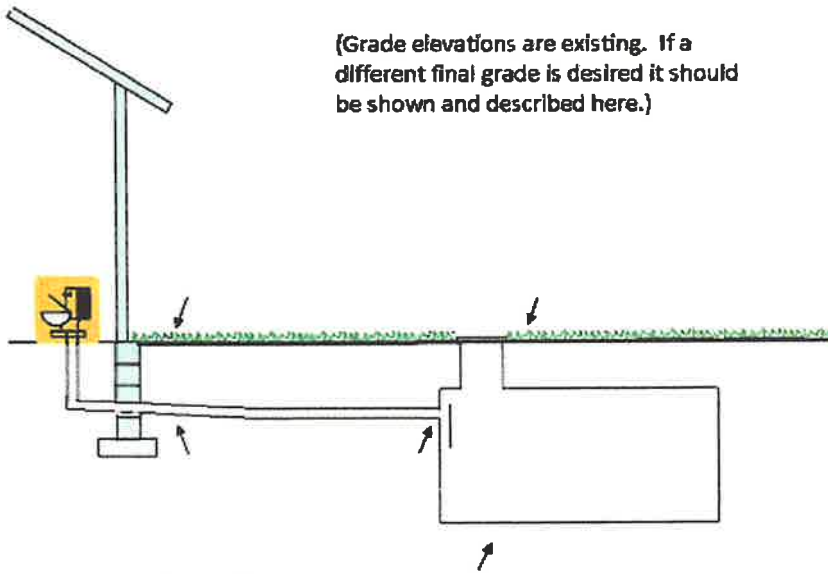
- Sewer line & tank connection (no hard 90's, long sweep 90 or 2- 45's, slope minimum 1" in 8' = 1%)
(no depth req's, clean out every 100', Sch 40 pipe)
- No Lift station to Holding tank (lift basket < 100 gallons treat as sewer line, >100 gal treat as tank)
- Holding tank and risers (water tight risers, insulated, proper depth, existing verified by pumping)
mfg _____ 1620 gallons
- Riser within 12" of grade, 6"+ access pipe to grade.
- High Level Alarm (set at 75% capacity) (electrical or mechanical) 101 inches from bottom of tank

- Water tight testing form
- Re-use existing tank certification
- Abandon existing system if necessary
- monitoring plan and type _____
- well abandonment form if necessary

System Elevations

_____ benchmark _____

(Grade elevations are existing. If a different final grade is desired it should be shown and described here.)



Sewer pipe
exiting house
104 Grade
106 Pipe

Holding Tank
104 Grade
106.5 Inlet
111.5 Tank bottom

HOLDING TANK PUMPING SERVICE AGREEMENT

Permit # _____ Address 39557 St Hwy #18 AITKIN MN 56431

THIS AGREEMENT, entered into by and between Aitkin County Registered Septic Tank Pumper, Timber Lakes Septic Service, hereinafter referred to as "Contractor", and [Redacted], hereinafter referred to as "Homeowner". RICK WYNN

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 06/28/2023 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.

[Signature]
Contractor

[Signature]
Homeowner

Date 06/28/2023

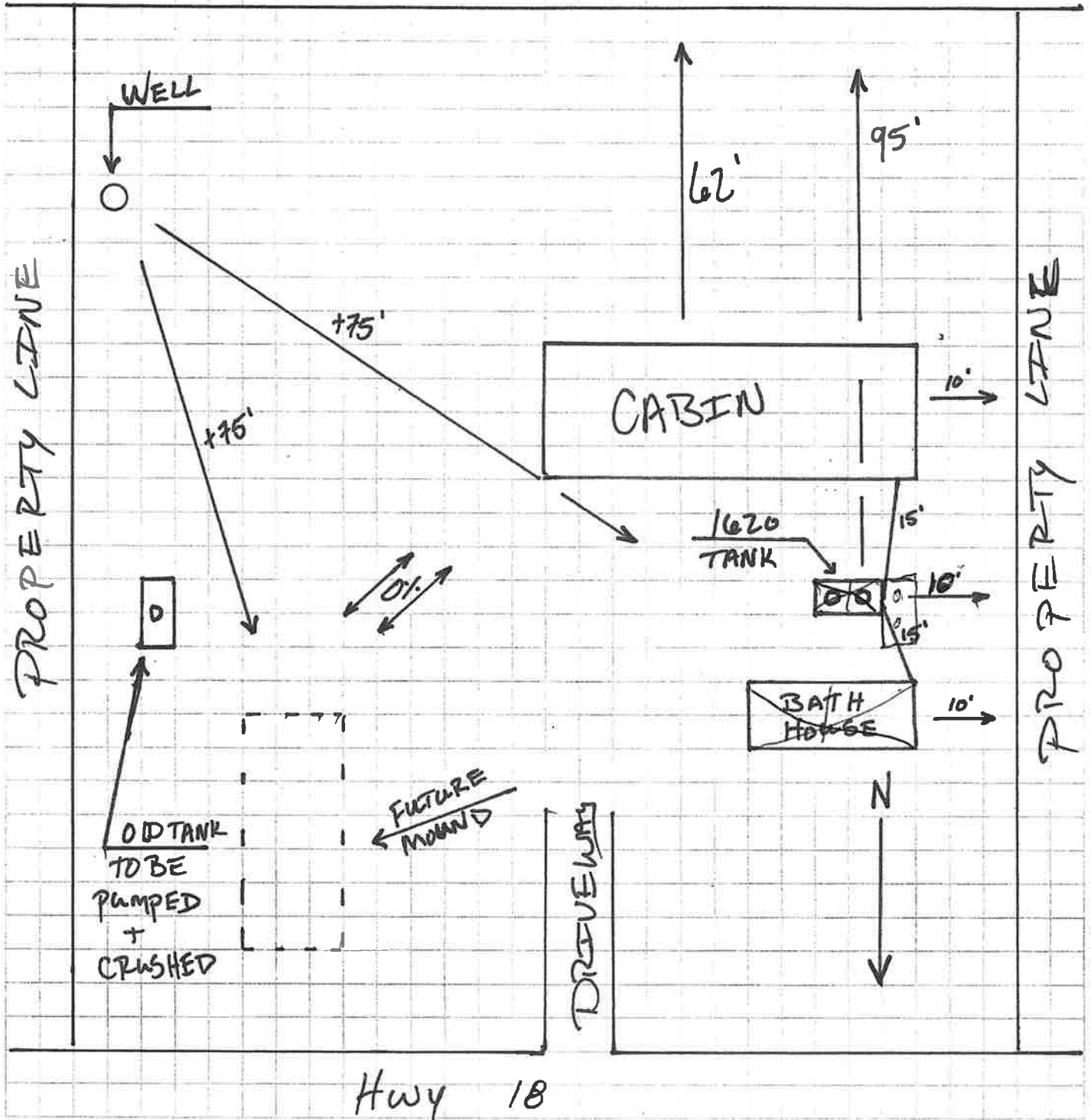
Date _____



PARCEL #	36-0-046300
DATE	6/28/23

LICENSE -L4197

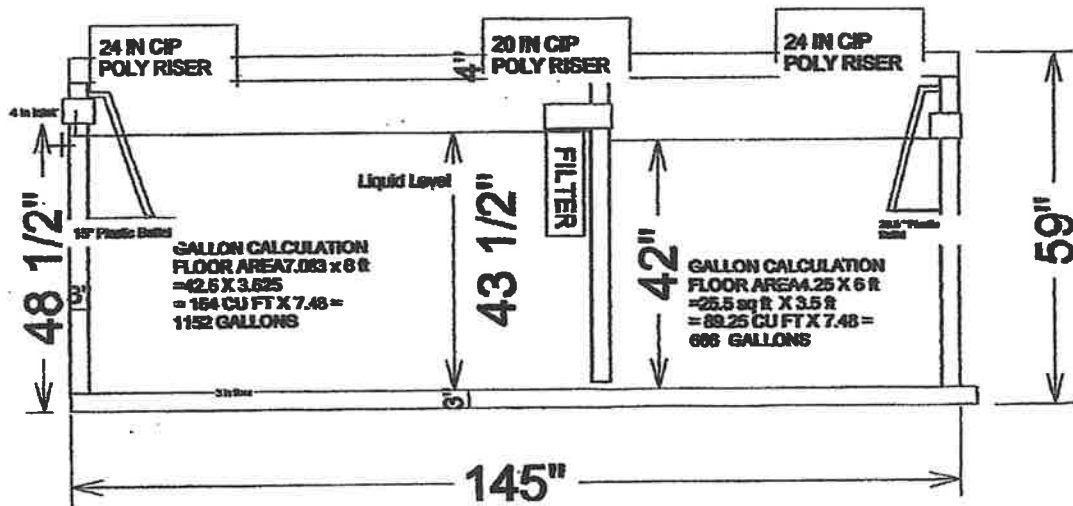
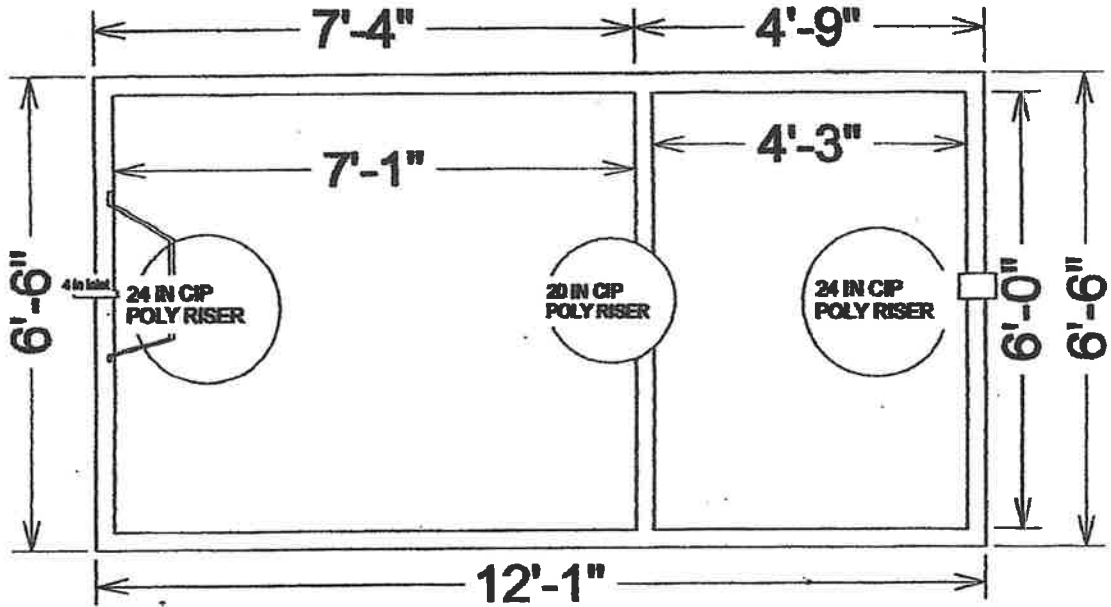
MILLE LACS LAKE



1820 Gallon 2 Compartment Septic Tank

Weight: 13,780 Lbs

TOP VIEW



666 gal. / 42" = 15.85 GPI

SIDE VIEW

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