

**SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA**

2023-0623

Township Shamrock Date of Inspection 7/31/2023 I App. Number 47917

Owner Adam & Kayla Marotz Parcel Number 29-0-042900

Project Address 47989 Lake Ave. Installer Jerry Farley

City McGregor Zip Code 55760 TI BBR Mound

New Repair

DIST. or DROP BOX & TYPE _____

SETBACKS:

Buildings to tank(s) 15'

Buildings to drainfield 30'

Well(s) 50' or 100' DW: 100'

Lake/Creek/Wetland —

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Trench/Bed depth _____

Trench/Bed length _____

Trench/Bed bottom width _____

Trench spacing _____

Drainfield rock below pipe _____

Size of gravelless pipe _____

Depth of backfill _____

Absorption area: square feet _____

lineal feet _____

SEPTIC TANKS: New Existing

Number of tanks installed (1) 1650 Jac. Combo

Liquid capacity and type 1120 part combo

Type of baffle Plastic

Inspection pipes _____

Manholes size 24"

Manhole to grade Yes No

MOUNDS:

Percent slope 0%

Upslope sand width 15'

Downslope sand width 15'

Sideslope sand width 6'

Drainfield rock below pipe 6"

Depth of sand below rock 12"

Perforation size & spacing 0.25"/36" sp.

Pipe size & spacing 2"/36" sp.

Dimensions of rock bed 10' x 38'

Dimensions of sand base 40' x 50'

Final cover 14"

42' x 71'

PUMPS: New Existing

Tank capacity and type 533 part combo

Pump manufacturer & model # Zoeller BN152

Horsepower & GPM 0.4 HP 27 GPM

Feet of head 13'

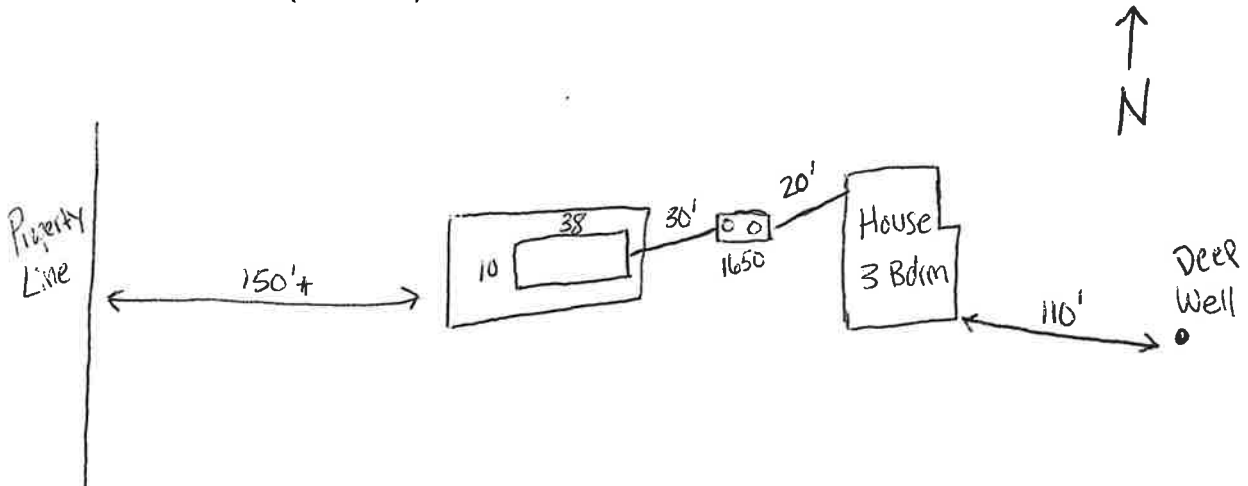
Gallons per cycle 113 GPC

Size of discharge line 2"

Type & location of alarm Elec. on tank

Water meter —

DRAWING OF SYSTEM: (include soils)



Inspector's Comments: 23' 4" 28' 2"

Inspector's Signature Bryan Hargrave

Installer's Signature Jerry Farley

AITKIN COUNTY
CERTIFICATE OF INSTALLATION/~~NOTICE OF NONCOMPLIANCE~~

This certificate of installation/~~notice of noncompliance~~ has been issued this 24th day of October, 2023 to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: _____
E 562 FT OF SW OF SE LESS R/W

Section 19 Township 49 Range 23 Lake N/A
PERMIT NO. 47917 Owner Name Adam & Kayla Marotz
Address 47989 Lake Ave
Installer Name Jerry Farley
Type of System Inspected Type I 3 Bedroom Mound
Parcel Number 29-0-042900

The certificate of installation/~~notice of noncompliance~~ was based on No 1 of the following:

- 1) Inspection of the installation or construction as in accordance with the above referenced permit and application design.

- 2) Review of as-built plans submitted in accordance with Subdivision 9.2 D of Aitkin County's Subsurface Sewage Treatment System Ordinance.

If the above permitted subsurface sewage treatment system is in noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance, then the following shall serve as a Notice of Violation:

- 1) Statement of the findings of fact through inspections or investigations:

- 2) List of specific violations of Ordinance: _____

- 3) Requirements for correction or removal of violations: _____

- 4) Time schedule for compliance: _____

Failure to correct or remove the above violation(s) will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action, which may result in revocation of licenses or registrations, fines and/or imprisonment.

INSPECTOR SIGNATURE _____



Jerry Farley
7-27-23

29-0-042900
Farley for Marotz

JACOBSON PRECAST CONCRETE, LLC

TANK INSTALLATION INSTRUCTIONS

Model # 1650 Date Built: 5/10/23 Gallons: 1650 Bury Depth: 5"
#2
Model # _____ Date Built: _____ Gallons: _____ Bury Depth: _____

SITE CONDITION:

The site must be accessible to large, heavy trucks. Free of items like trees, stumps, overhead wires, etc. That could interfere with delivery or installation and allows trucks to within 3 to 5 ft of placement excavation.

EXCAVATION:

Excavation should be approximately 12" minimum larger than tank size to allow for adequate back fill. This may vary with soil conditions. Excavation shall have a level bottom so the weight bears on the outside walls of the tank.

BEDDING:

Each tank should be placed on about 6" of proper bedding material leveled, and should be compacted to minimum 95% compaction if tested, to ensure the life of the tank structure. Bedding must be capable of bearing the weight of the tank. Bedding material shall have the ability of 100% to pass through a 1/2" screen.

WATER TABLE:

When tanks are being placed where water levels can potentially be higher than the elevation of the tank cover, an alternate location should be considered. If water table is high installer must also consider the tank may float, if this is a possibility tank must be tied down before backfilling.

BACKFILL MATERIAL:

Sidewall of tanks require dry backfill materials that have the ability of 100% to be able to pass through a 2" screen and a minimum of 12" on all sides from the bottom to top of tank. Backfill material shall be placed to avoid impact loads on sidewall of the tank.

COVER MATERIAL:

Cover material shall be dry soil, material that has the ability of 100% to be able to pass through a 2" screen. Cover material shall be mounded over tank and around risers to direct run-off away from both.

INLET & OUTLET:

Pipe not to exceed 1" past the interior wall of tank where a baffle is used.

BURIAL DEPTH: Tanks to be installed according to model's maximum bury recommendations: