

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

2022-009043

Township Logan Date of Inspection 8/23/2023 I App. Number 47056

Owner Tom Brisson Parcel Number 19-0-016000

Project Address 50139 Nature Ave. Installer Rod Kern

City Palisade Zip Code 56469 T1 3BR mound

New Repair

DIST. or DROP BOX & TYPE _____

SETBACKS:

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Buildings to tank(s) 90'

Trench/Bed depth _____

Buildings to drainfield 100'

Trench/Bed length _____

Well(s) 50' or 100' DW: 96' to tank

Trench/Bed bottom width _____

Lake/Creek/Wetland _____

Trench spacing _____

Drainfield rock below pipe _____

SEPTIC TANKS: New Existing

Size of gravelless pipe _____

Number of tanks installed (1) 1650 Jac. combo

Depth of backfill _____

Liquid capacity and type 1120 part combo

Absorption area: square feet _____

Type of baffle Plastic

lineal feet _____

Inspection pipes _____

MOUNDS:

Manholes size 24"

Percent slope 0%

Manhole to grade Yes No

Upslope sand width 12'

PUMPS: New Existing

Downslope sand width 12'

Tank capacity and type 533 part combo

Sideslope sand width 12'

Pump manufacturer & model # Gould PE5!

Drainfield rock below pipe 9"

Horsepower & GPM 0.5 HP 27 GPM

Depth of sand below rock 27"

Feet of head 22'

Perforation size & spacing 0.25"/36" sp

Gallons per cycle 76 GPC

Pipe size & spacing 1.5"/36" sp

Size of discharge line 2"

Dimensions of rock bed 10' x 38'

Type & location of alarm Elec. on tank

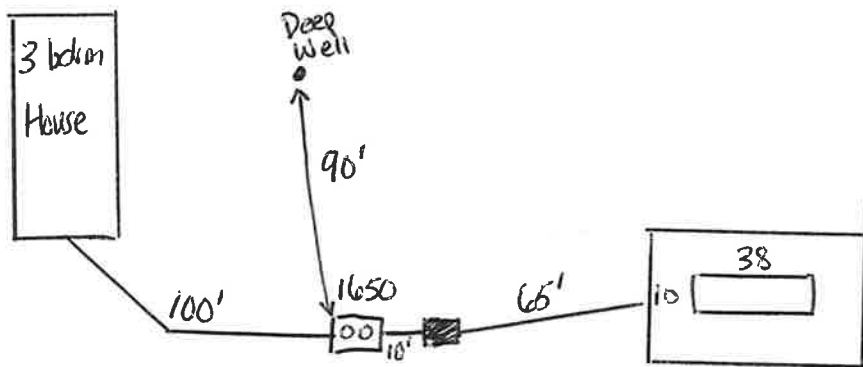
Dimensions of sand base 34' x 62'

Water meter _____

Final cover 12" cover over rb; 6" TS

51' x 75'

DRAWING OF SYSTEM: (include soils)



Inspector's Comments: _____

Inspector's Signature Bryan Hargrave Installer's Signature Tom Kern

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: _____
SE OF SE LESS S1/2

Section 10 Township 49 Range 25 Lake N/A
PERMIT NO. 47056 Owner Name Tom Brisson
Address 50139 Nature Ave
Installer Name _____ Rod Kern
Type of System Inspected _____ Type I 3 Bedroom Mound
Parcel Number 19-0-016000

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:

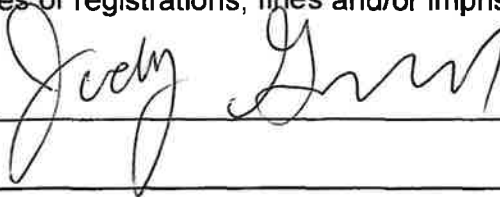
- 2) List of specific violations of Ordinance: _____

- 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 _____



JACOBSON PRECAST CONCRETE

TANK INSTALLATION INSTRUCTIONS

Model # 1650 Date Built: 10/27/22 Gallons: 1650 Bury Depth 2 1/2
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: