AITKIN COUNTY

CERTIFICATE OF INSTALLATION/~~NOTICE OF NONCOMPLIANCE~~

This certificate of installation/~~notice of noncompliance~~ has been issued this 13th day of November, 2023 to certify compliance\~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.
The premises covered by this certificate are legally described as:
NLY 310 FT OF LOT 1

Section 18 Township 48 Range 22 Lake Island
PERMIT NO. 47496 Owner Name Laura Carlsen
Address 50007 153rd PL, Tamarack, MN, 55787
Installer Name Jerry Farley
Type of System Inspected Type 1 Trench
Parcel Number 10-0-028300

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 Jody Grund

SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA

Township Haugen Date of Inspection 11/13/23 App. Number 2022-8535

Owner Laura Carlson Parcel Number 10-0-028300

Project Address 50007 153rd Pl Installer farley

City Tamarack Zip Code 55787 3 bedroom Trench

New [X] Repair [ ]

DIST. or DROP BOX & TYPE

SETBACKS:

Buildings to tank(s) 60'

Buildings to drainfield 75'

Well(s) 50' or 100' 73' Tank / 10'

Lake/Creek/Wetland Island Lake

SEPTIC TANKS: New 1 Existing ____

Number of tanks installed 1

Liquid capacity and type 1000 gal Jacobson

Type of baffle Plastic

Inspection pipes Plastic

Manholes size 2124"

Manhole to grade Yes X No ____

PUMPS: New ____ Existing ____

Tank capacity and type ____

Pump manufacturer & model # ____

Horsepower & GPM N/A

Feet of head ____

Gallons per cycle ____

Size of discharge line ____

Type & location of alarm ____

Water meter ____

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Trench/Bed depth 1'

Trench/Bed length 152.4 3x52'

Trench/Bed bottom width 3'

Trench spacing 5

Drainfield rock below pipe 12" Chambers

Size of gravelless pipe ____

Depth of backfill 12"

Absorption area: square feet 457 sqft

lineal feet 153 Lft

MOUNDS:

Percent slope ____

Upslope sand width ____

Downslope sand width ____

Sideslope sand width ____

Drainfield rock below pipe ____

Depth of sand below rock ____

Perforation size & spacing ____

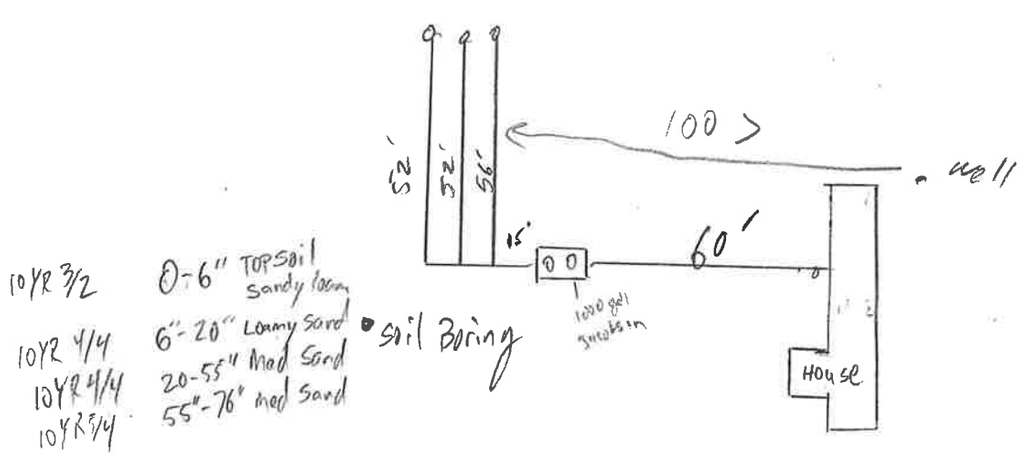
Pipe size & spacing ____

Dimensions of rock bed ____

Dimensions of sand base ____

Final cover ____

DRAWING OF SYSTEM: (include soils)



Inspector's Comments: ____

Inspector's Signature ____ **Installer's Signature** ____

Rev:1/13 White – County Yellow – Applicant Pink - Installer

Jerry Farlow
11-10-24

JACOBSON PRECAST CONCRETE

TANK INSTALLATION INSTRUCTIONS

Model # 1000S Date Built: 10-9-23 Gallons: 1000 Bury Depth 1½'

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 ½" 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 my 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: