

JACOBSON PRECAST CONCRETE, LLC

TANK INSTALLATION INSTRUCTIONS

Model # 570 Date Built: 10-3-22 Gallons: 570 Bury Depth 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:

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

This certificate of installation/~~notice of noncompliance~~ has been issued this 21st day of November, 2022 to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: PT NE OF NE EASTERLY OF CENTER OF SNAKE RIVER & LESS .04 AC HY

Section 17 Township 44 Range 23 Lake Snake River
PERMIT NO. 47459 Owner Name Barbara Miller
Address 19933 State Hwy 65 McGrath, Mn 56350
Installer Name Self install
Type of System Inspected Type II outhouse with tank
Parcel Number 25-0-026300

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, fines and/or imprisonment.

INSPECTOR SIGNATURE



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

Township Pliny Date of Inspection 11-21-22 App. Number 2022-009760

Owner Barbara Miller Parcel Number 25-0-026300

Project Address 19933 St. Hwy 65 Installer Self

City McCoath Zip Code 56350

New Repair Type II O/A with tank DIST. or DROP BOX & TYPE _____

SETBACKS:
Buildings to tank(s) 15'-shed
Buildings to drainfield _____
Well(s) 50' or 100' no well
Lake/Creek/Wetland _____

SEPTIC TANKS: New Existing _____
Number of tanks installed 1 Jacobson
Liquid capacity and type 520 precast
Type of baffle _____
Inspection pipes _____
Manholes size 1-24"
Manhole to grade Yes No _____

PUMPS: New _____ Existing _____
Tank capacity and type _____
Pump manufacturer & model # _____
Horsepower & GPM _____
Feet of head _____
Gallons per cycle _____
Size of discharge line _____
Type & location of alarm _____
Water meter _____

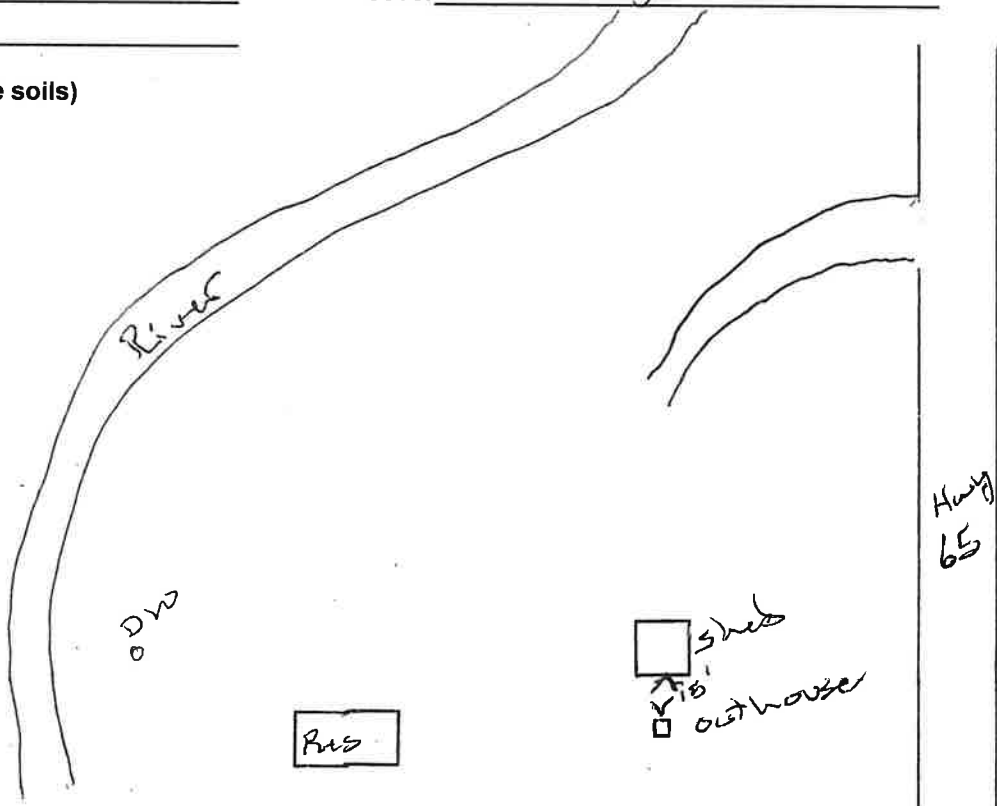
TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

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 _____

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 _____