

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

This certificate of installation/~~notice of noncompliance~~ has been issued this _____ day of _____, 20____ to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: _____

Section _____ Township _____ Range _____ Lake _____
PERMIT NO. _____ Owner Name _____
Address _____
Installer Name _____
Type of System Inspected _____
Parcel Number _____

The certificate of installation/~~notice of noncompliance~~ was based on No ___ 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 _____

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

Township Williams Date of Inspection 8/22/2019 11/14/2019 App. Number 2019-4644
44352

Owner Lynda Meyers Parcel Number 38-0-015300

Project Address 18619 150th Ln. Installer Dave Engdahl

City Finlayson Zip Code 55735 TI HBR Mound

New Repair

SETBACKS:
Buildings to tank(s) 40'
Buildings to drainfield 60'+
Well(s) 50' or 100' DW: 100' to tank
Lake/Creek/Wetland —

SEPTIC TANKS: New Existing

Number of tanks installed 2

Liquid capacity and type 1650 Jacobson combi

Type of baffle Plastic

Inspection pipes —

Manholes size 24" 20"

Manhole to grade Yes No

PUMPS: New Existing

Tank capacity and type 750 Jacobson

Pump manufacturer & model # Liberty 283

Horsepower & GPM 1/2HP 38GPM

Feet of head 13.5'

Gallons per cycle —

Size of discharge line 1.5"

Type & location of alarm Elec. on tank

Water meter —

DIST. or DROP BOX & TYPE _____

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 2%

Upslope sand width 7'

Downslope sand width 16'

Sideslope sand width 7'

Drainfield rock below pipe 9"

Depth of sand below rock 24"

Perforation size & spacing 0.25"/36" sp.

Pipe size & spacing 1.5"/3.5' sp.

Dimensions of rock bed 10' x 50'

Dimensions of sand base 33' x 64'

Final cover 12" cover over rb; 5" TS

DRAWING OF SYSTEM: (include soils)
see attached site plan

Inspector's Comments: _____

Inspector's Signature Bryan Hargrave Installer's Signature _____

Davis Dirt
6-26-19

JACOBSON PRECAST CONCRETE, LLC

TANK INSTALLATION INSTRUCTIONS

Model # 1650^{SS} Date Built: 5.17.19 Gallons: 1650 Bury Depth 3'
 #4
Model # 760P Date Built: 10.4.17 Gallons: 760 Bury Depth 3'

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 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: