

Filter Sump  
6.27.22

## JACOBSON PRECAST CONCRETE, LLC

### TANK INSTALLATION INSTRUCTIONS

Model # 1650 Date Built: 10.13.21 Gallons: 1650 Bury Depth 1 1/2'  
#4  
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 28th day of June, 2022 to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: LOT 28 Blk 1 Calm Waters

Section 18 Township 45 Range 25 Lake Spectacle  
PERMIT NO. 46958 Owner Name Jonathan & Valerie McCorkle  
Address 45477 256th Ln Aitkin, Mn 56431  
Installer Name Ritter Sewer & Excavating  
Type of System Inspected 3 Bdrm Type I pressure bed  
Parcel Number 11-1-245600

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 Hazelton Date of Inspection 6-28-22 App. Number 2022-008917

Owner Jonathan & Valerie McCorkle Parcel Number 11-1-245600

Project Address 45477 256<sup>th</sup> Ln Installer R. Her

City Aitkin Zip Code 56431

New  Repair

**SETBACKS:**

Buildings to tank(s) No buildings yet  
Buildings to drainfield "  
Well(s) 50' or 100' No well yet  
Lake/Creek/Wetland > 150'

SEPTIC TANKS: New  Existing

Number of tanks installed 1 Jacobson com  
Liquid capacity and type 1120 plastic  
Type of baffle Plastic  
Inspection pipes -  
Manholes size 2 @ 24" 1 @ 20"  
Manhole to grade Yes  No

PUMPS: New  Existing

Tank capacity and type 530 precast  
Pump manufacturer & model # Goulds PE51  
Horsepower & GPM 1/2 34 gpm  
Feet of head 19  
Gallons per cycle 75  
Size of discharge line 2"  
Type & location of alarm elec @ Tank  
Water meter -

DIST. or DROP BOX & TYPE \_\_\_\_\_

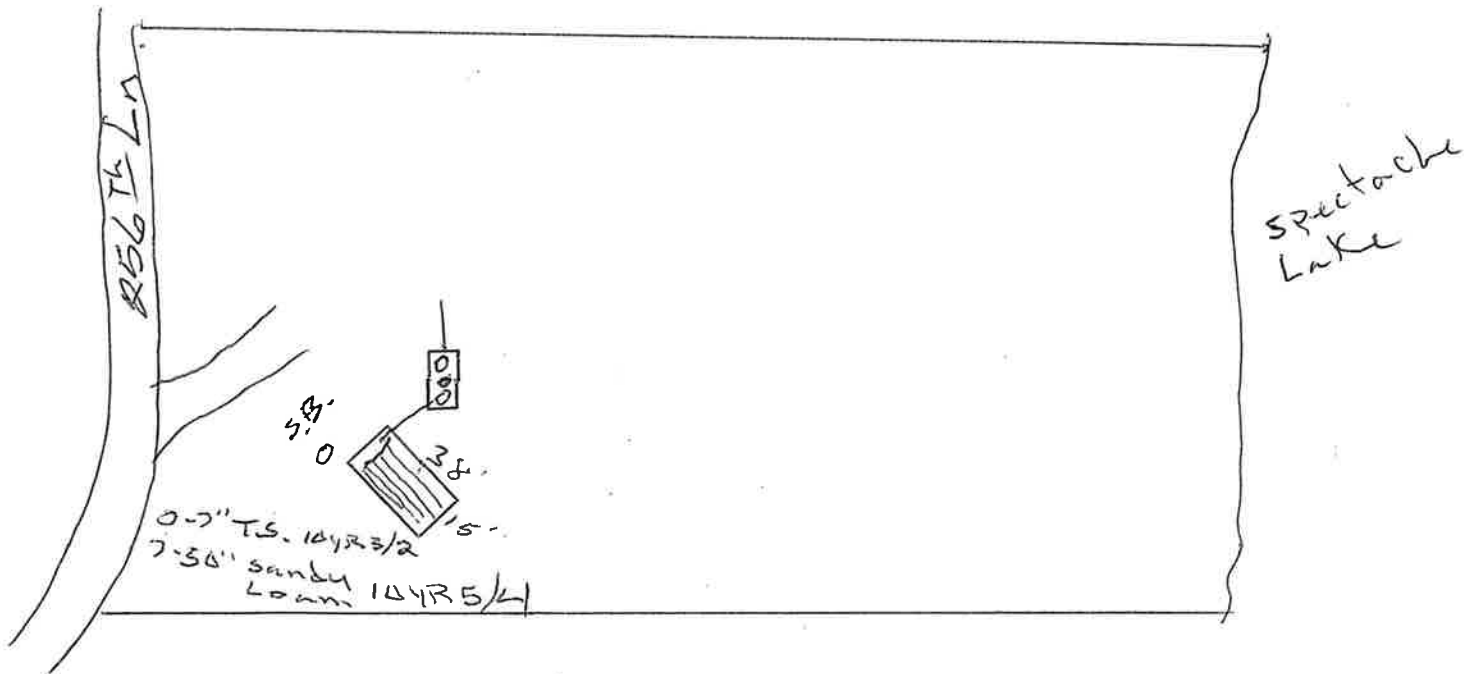
**TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:**

Trench/Bed depth 2'  
Trench/Bed length 38'  
Trench/Bed bottom width 16"  
Trench spacing \_\_\_\_\_  
Drainfield rock below pipe 9"  
Size of gravelless pipe \_\_\_\_\_  
Depth of backfill 16"  
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 7/32 x 3  
Pipe size & spacing 1 1/2 x 3"  
Dimensions of rock bed \_\_\_\_\_  
Dimensions of sand base \_\_\_\_\_  
Final cover \_\_\_\_\_

**DRAWING OF SYSTEM: (include soils)**



Inspector's Comments: \_\_\_\_\_

Inspector's Signature [Signature] Installer's Signature [Signature]