

**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**

2021-007159

Township Shamrock Date of Inspection 9/9/2021 App. Number 45923  
 Owner John + Mary Cebula Parcel Number 29-1-437400  
 Project Address 49827 Larch Ave. Installer Levy Liljenquist  
 City McGregor Zip Code 55760 T1 3BR IG Trenches

New  Repair

**SETBACKS:**

Buildings to tank(s) 14'  
 Buildings to drainfield 28'  
 Well(s) 50' or 100' No well drilled yet  
 Lake/Creek/Wetland -

SEPTIC TANKS: New  Existing

Number of tanks installed (1) 1650 Tac. combo  
 Liquid capacity and type 1120/533  
 Type of baffle Plastic

Inspection pipes -  
 Manholes size 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 Elec. on tank  
 Water meter \_\_\_\_\_

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

DIST. or DROP BOX & TYPE Trenches

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

Trench/Bed depth 30"  
 Trench/Bed length (3) 52' Trenches  
 Trench/Bed bottom width 3'  
 Trench spacing 6' on center  
 Drainfield rock below pipe 12"  
 Size of gravelless pipe -  
 Depth of backfill 12"  
 Absorption area: square feet 468 ft<sup>2</sup>  
 lineal feet 156'

**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 \_\_\_\_\_

Soil

A 0-4" 10YR 3/2 LS 0-5% cf  
 Bw 4-22" 7.5YR 5/3 S 0-5% cf  
 C 22-68" 7.5YR 6/3 S 0-5% cf  
 Red banding present in the 30-66" range  
 5YR 4/4 1/2-3/4" thick  
 Not redox. No mottling below 76cm

Inspector's Comments: Filter on 2<sup>nd</sup> Comp

Inspector's Signature Bryan Hargrave Installer's Signature \_\_\_\_\_

Liljenquist Sewer  
9-8-21

29-1-437400  
45923  
Cebula  
L. Liljenquist

**JACOBSON PRECAST CONCRETE, LLC**

**TANK INSTALLATION INSTRUCTIONS**

Model # 1650 Date Built: 6.14.21 Gallons: 1650 Bury Depth 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:









2021/09/09



HOMETOWN BUILDING SUPPLY  
218-927-7077

HOMETOWN BUILDING SUPPLY  
218-927-7077

HOMETOWN BUILDING SUPPLY  
218-927-7077

DUPONT  
Tyvek HomeWrap

DUPONT  
Tyvek HomeWrap

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Tyvek HomeWrap

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