

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

Township Shamrock Date of Inspection 6-3-28 App. Number 2021-008098  
 Owner Karen Hick Parcel Number 29-1-503701 Installer Ladd Const  
 Project Address 49836 204th Pl  
 City MCGregor Zip Code 55766

New  Repair

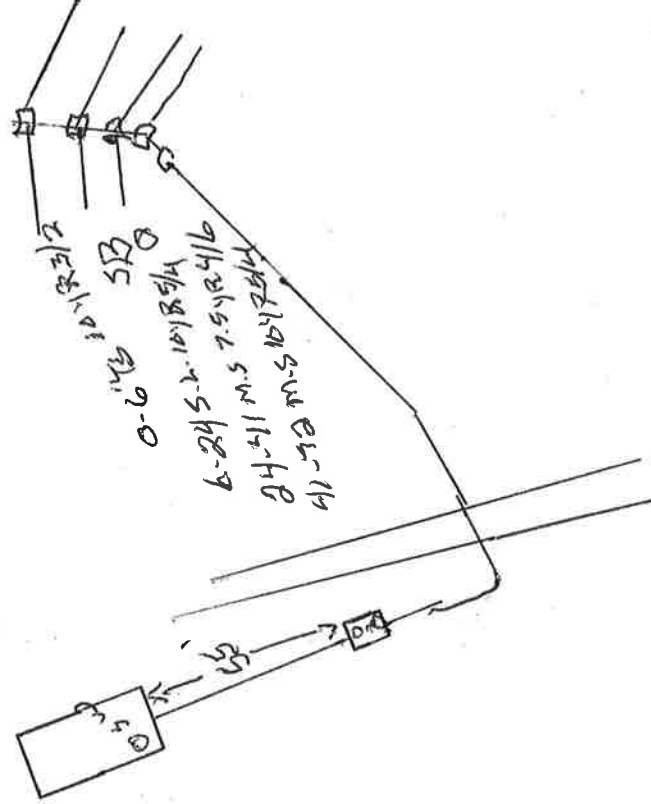
**SETBACKS:**

Buildings to tank(s) 55'  
 Buildings to drainfield \_\_\_\_\_  
 Well(s) 50' or 100' 250' - Tank  
 Lake/Creek/Wetland \_\_\_\_\_

**SEPTIC TANKS:** New  Existing \_\_\_\_\_  
 Number of tanks installed 1 See above  
 Liquid capacity and type 1000 Plastic  
 Type of baffle Plastic  
 Inspection pipes —  
 Manholes size 2 @ 24"  
 Manhole to grade Yes  No \_\_\_\_\_

**PUMPS:** New  Existing \_\_\_\_\_  
 Tank capacity and type 760 See above  
 Pump manufacturer & model # Geosols 3251  
 Horsepower & GPM 1/2 hp x 15 gpm  
 Feet of head 30'  
 Gallons per cycle 108  
 Size of discharge line 2"  
 Type & location of alarm Babbles @ Tank  
 Water meter \_\_\_\_\_

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



**DIST. or DROP BOX & TYPE** Tuff Tite  
**TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:**  
 Trench/Bed depth 2'  
 Trench/Bed length See design  
 Trench/Bed-bottom width 3'  
 Trench spacing See design  
 Drainfield rock below pipe Chumbers  
 Size-of-gravelless pipe \_\_\_\_\_  
 Depth of backfill 12"  
 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 \_\_\_\_\_

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

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

Adam Dadd  
6-2-22

JACOBSON PRECAST CONCRETE, LLC

TANK INSTALLATION INSTRUCTIONS

Model # 1000S Date Built: 9-10-31 Gallons: 1000 Bury Depth 3'

Model # 760P Date Built: 10-20-20 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 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 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: