

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

Township Shannon Date of Inspection 6-7-22 App. Number 2022-008783

Owner Daniel & Denise Wendell Parcel Number 29.1-285640

Project Address 47182 187th Ave Installer Lada Construction

City McGregor Zip Code 55760

New Repair DIST. or DROP BOX & TYPE _____

SETBACKS:

Buildings to tank(s) 35'
Buildings to drainfield _____
Well(s) 50' or 100' > 50'
Lake/Creek/Wetland _____

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 _____

SEPTIC TANKS: New Existing _____
Number of tanks installed 2 x 1500 Subs
Liquid capacity and type 2 x 1500 plastic
Type of baffle Plastic
Inspection pipes 2 x 6"
Manholes size 20" x 24" trench tank
Manhole to grade Yes No _____

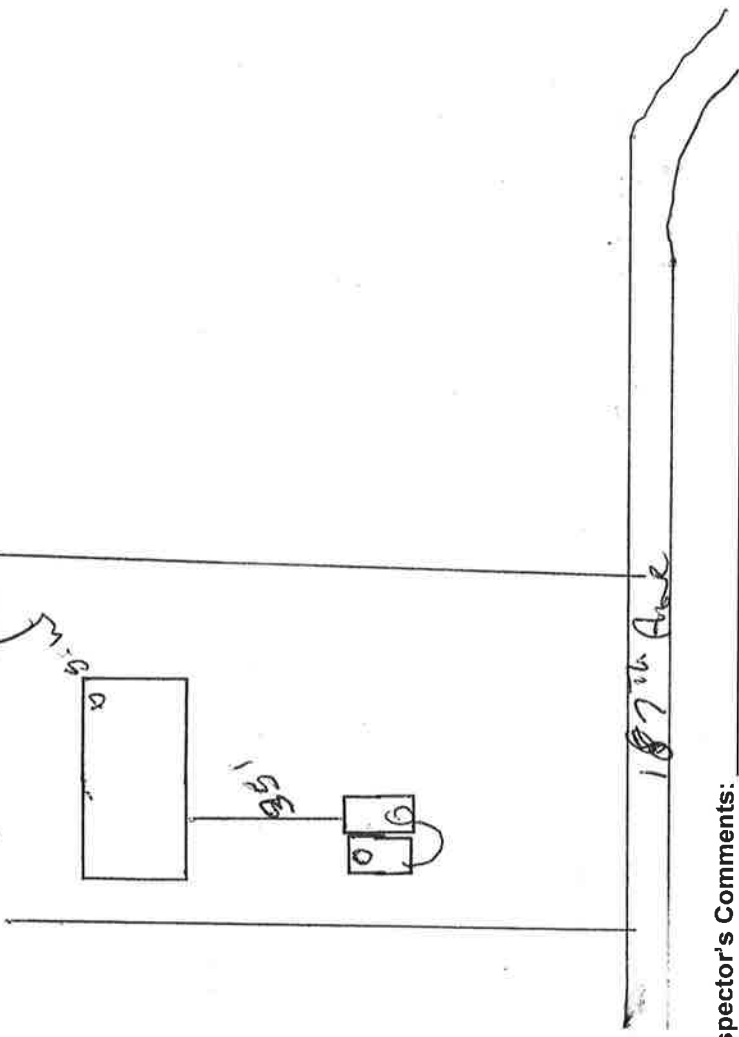
MOUNDS:

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 _____

PUMPS:

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 mechanical

DRAWING OF SYSTEM: (include soils)



Inspector's Comments: _____

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

Adam Judd
6.6.22

JACOBSON PRECAST CONCRETE, LLC

TANK INSTALLATION INSTRUCTIONS

Model # 1500H Date Built: 7.26.21 Gallons: 1500 Bury Depth 2'

Model # 1500H Date Built: 6.29.21 Gallons: 1500 Bury Depth 2'

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 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: