

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

This certificate of installation/~~notice of noncompliance~~ has been issued this 13th day of September, 2023 to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: _____
Outlots C and D as in DOC 373260

Section 33 Township 50 Range 23 Lake Big Sandy
PERMIT NO. 48204 Owner Name Elizabeth Hartinger
Address 19197 528th Ln, McGregor, MN, 55760
Installer Name _____ Rod Kern
Type of System Inspected _____ Type 3 3BR Mound
Parcel Number 32-1-078601

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 or registrations, fines and/or imprisonment.

INSPECTOR SIGNATURE Jody Grund

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

2023-000999

Township Turner Date of Inspection 9/13/2023 App. Number 48204

Owner Elizabeth Hartinger Parcel Number 32-1-078601

Project Address 19197 528th Ln. Installer Rod Kern

City McGregor Zip Code 55760 T3 3BR Mound

New Repair

DIST. or DROP BOX & TYPE ---

SETBACKS:

Buildings to tank(s) _____

Buildings to drainfield _____

Well(s) 50' or 100' _____

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

Liquid capacity and type 1650 Jac. Combo

Type of baffle Plastic

Inspection pipes ---

Manholes size 24"

Manhole to grade Yes No

MOUNDS:

Percent slope 8%

Upslope sand width 9'

Downslope sand width 22'

Sideslope sand width 9'

Drainfield rock below pipe 9"

Depth of sand below rock 24"

Perforation size & spacing 0.25"/36"sp

Pipe size & spacing 1.5"/36"sp.

Dimensions of rock bed 10' x 38'

Dimensions of sand base 41' x 56'

Final cover 12"

PUMPS: New Existing

Tank capacity and type 520 Jacobson

Pump manufacturer & model # Gould PE41

Horsepower & GPM 0.4HP 27GPM

Feet of head 21'

Gallons per cycle 64GPC

Size of discharge line 2"

Type & location of alarm Elec. on tank

Water meter Event counter

DRAWING OF SYSTEM: (includ



Inspector's Comments: T3 due to the fact that it is partly on fill.

Inspector's Signature Bryan Hargrave Installer's Signature Rod Kern

Kern ETC.
9.13.23

JACOBSON PRECAST CONCRETE

TANK INSTALLATION INSTRUCTIONS

Model # 1650 Date Built: 8.7.23 Gallons: 1650 Bury Depth 3'
Model # 520P Date Built: 6.1.23 Gallons: 520 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 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: