

**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**

Township Nordland Date of Inspection 10/26/2021 App. Number 46333

Owner Tyler Kangas Parcel Number 24-0-051400

Project Address 36968 295<sup>th</sup> St. Installer Self install

City Aitkin Zip Code 56431 T.I HBR PB

New  Repair

DIST. or DROP BOX & TYPE Pressure Bed

**SETBACKS:**

Buildings to tank(s) 42'

Buildings to drainfield 78'

Well(s) 50' or 100' DW: 89'

Lake/Creek/Wetland -

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

Trench/Bed depth 26"

Trench/Bed length 51'

Trench/Bed bottom width 15'

Lateral Trench spacing (5) laterals

Drainfield rock below pipe 9"

SEPTIC TANKS: New  Existing

Number of tanks installed (1) 1650 Tac Combo

Liquid capacity and type 1120 per t combo

Type of baffle Plastic

Inspection pipes -

Manholes size 24"

Manhole to grade Yes  No

Size of gravelless pipe -

Depth of backfill 12"

Absorption area: square feet 750 ft<sup>2</sup>

lineal feet -

PUMPS: New  Existing

Tank capacity and type 533 per t Combo

Pump manufacturer & model # Liberty 293

Horsepower & GPM 0.75 HP 63 GPM

Feet of head 18'

Gallons per cycle 150 GPC

Size of discharge line 1.5"

Type & location of alarm Elcc. on tank

Water meter -

**MOUNDS:**

Percent slope /

Upslope sand width /

Downslope sand width /

Sideslope sand width /

Drainfield rock below pipe /

Depth of sand below rock /

Perforation size & spacing 0.25"/36" sp

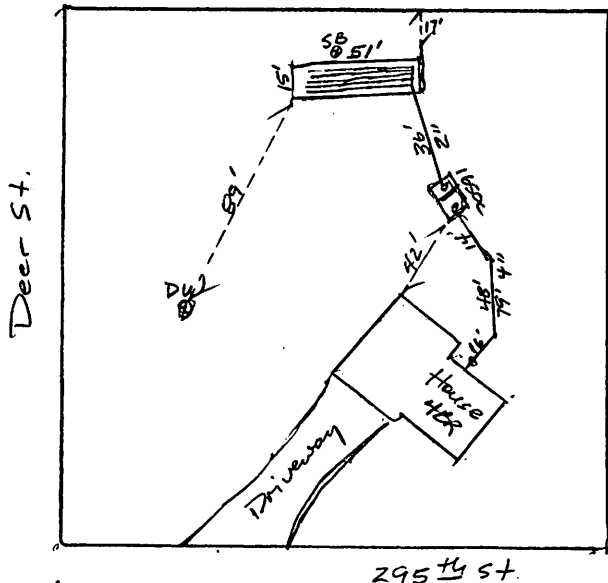
Pipe size & spacing 1.5"/3' sp.

Dimensions of rock bed /

Dimensions of sand base /

Final cover /

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



Soil  
A 0-6" 104R 3/2 LS 0-5% cf  
Bw 6-28" 7.54R 4/3 FS 0-5% cf  
C 28-73" 7.54R 5/4 FS 0-5% cf  
6/4  
No redox w/ 73" 7.54R 4/4 bands of LS in lower profile.

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

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



2021/10/26



2021/10/26



1650

1650

OUT

2021/10/26



2021/10/26



2021/10/26



2021/10/26