

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 Farm Island Date of Inspection 8/18/2023 F App. Number 2022-009481
7/21/2023 I 47288
 Owner Kenneth + Tammy Hiller Parcel Number 07-0-017501
 Project Address 43318 329th Ln. Installer Pick's Septic + Exc. L4277
 City Aitkin Zip Code 56431 TI 3BR mound

New Repair

SETBACKS:
 Buildings to tank(s) 18'
 Buildings to drainfield 54'
 Well(s) 50' or 100' DW: 106'
 Lake/Creek/Wetland Lake Four: 200'

SEPTIC TANKS: New Existing
 Number of tanks installed 2
 Liquid capacity and type 1500 Sather combo
 Type of baffle Plastic
 Inspection pipes ---
 Manholes size 24"
 Manhole to grade Yes No

PUMPS: New Existing
 Tank capacity and type 600 Sather
 Pump manufacturer & model # Liberty 283
 Horsepower & GPM 1/2 HP 276 GPM
 Feet of head 24'
 Gallons per cycle 71 GPC
 Size of discharge line 2"
 Type & location of alarm Electronic on tank
 Water meter -

DRAWING OF SYSTEM: (include soils)

DIST. or DROP BOX & TYPE ---

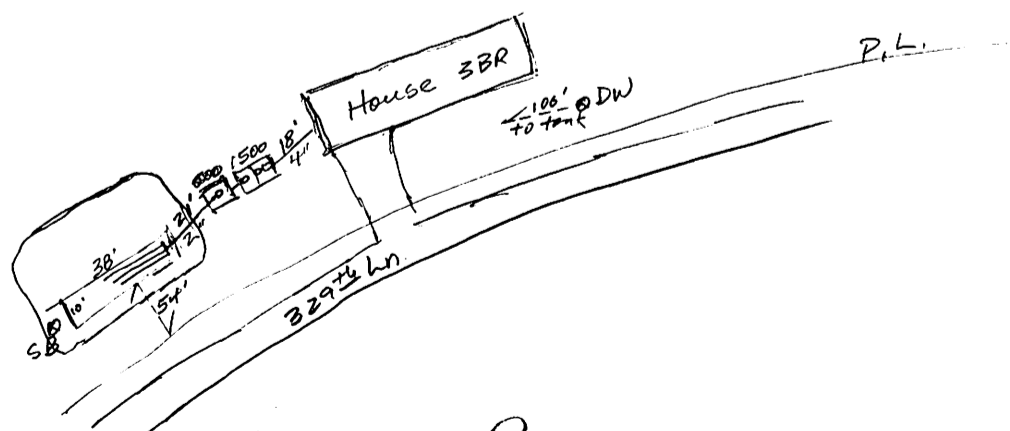
TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

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 ---

MOUNDS:

Percent slope 15%
 Upslope sand width 6'
 Downslope sand width 38'
 Sideslope sand width 10'
 Drainfield rock below pipe 9"
 Depth of sand below rock 18"
 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 54' x 58'
 Final cover 12" cover over rb;

soil description
 A 0-5" 10YR 3/2 L 0-5% cf
 E 5-15" 10YR 4/3 L 0-5% cf
 E/B 15-23" 7.5YR 5/3 L 0-5% cf
 7.5YR 4/3 L 0-5% cf
 No mottles in upper 23!"



Inspector's Comments: Tanks put in last fall.

Inspector's Signature Bryan Hargrave Installer's Signature Ryan P...



Pick Septic
7/21/2023

21947 Co. Rd. 3
Merrifield, MN, 56465
218-829-9678 or 800-829-5755

Tank Installation Instructions

Site Conditions

The site must be accessible for a heavy truck 10.5' wide, 13' height, 28' – 35' long and heavy weight up to 75,000 lbs. Free of items like trees, stumps, sharp objects, construction materials, vehicles, ext. Notified of overhead wires and/or underground wires, gas lines, old tanks ext. trucks must be on flat level ground conditions may vary and might interfere with the delivery or installation 3' to 6' from placement of tank for installing.

Excavation

Excavation should be 12" minimum larger than length and width of tank size to allow adequate backfill. Excavation should be level on the bottom so the weight bears on outside of tank walls and 4" greater than invert height to allow proper bedding. This may vary with soil conditions

Bedding

Proper bedding material is important to ensure service life of the tanks structure. Bedding must be capable of bearing the weight of a full tank. Bedding material shall have the ability of 100% to be able to pass through 3/4 inch screen. Bedding thickness shall be 4" minimum compacted (thickness may vary with existing soil conditions)

Joint seal

Mid seam tanks or tanks that need to be set in two pieces need to be cleaned, dried, and properly place according to the manufactures recommendations for models-SCP2400,SCP2450,SCP2250,SCP2500,SCP2800,SCP2850,SCP2950, tanks

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.

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 bottom to top of tank. Backfill material shall be placed to avoid loads on the sidewall of the tank.

Cover Material

Cover material shall be dry soil, materials that have the ability of 100% to be able to pass through a 4" screen. Cover material shall be mounded over tank and around risers to direct run-off away from tank and risers.

Risers

All risers on tanks should be completely sealed to prevent water from coming in around them into the tank. Sealant used should be placed between the tank and the riser. Sealant should be placed on clean dry surface and full circumference of riser should be placed on the sealant. All sealing of the risers is the responsibility of the installer upon installation and in the future.

Rubber Boots

All inlet and outlet pipe should be placed inside the rubber boot and tightened with the clamp provided to ensure a leak proof seal. All inlet and outlet pipe sealing is the responsibility of the installer upon installation and in the future unless the rubber boot or clamp is defective.

Inlet & Outlet

Pipe not to exceed 1" past interior wall of tank where baffle is used.

Burial Depth

Tanks to be installed to depths according to each models maximum bury recommendations

Model # 6000E Manufacturers Date 11/28/22
Gallons 615 Maximum buried depth 7 Ft



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Inlet & Outlet

Pipe not to exceed 1" past interior wall of tank where baffle is used.

Burial Depth

Tanks to be installed to depths according to each models maximum bury recommendations

Model # 1500C Manufacturers Date 11/29/22
Gallons 1025/504 Maximum buried depth 4 Ft











