

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

This certificate of installation/~~notice of noncompliance~~ has been issued this 24th day of October, 2023 to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: SW OF SW LESS 9.50 AC CSAH3 & LESS E 507.50 FT

Section 14 Township 47 Range 27 Lake _____
PERMIT NO. 48107 Owner Name Mark & Lynn Weinhold
Address 41554 Grove St Palisade, Mn 56469
Installer Name Dirt Doctor
Type of System Inspected 2 Bdrm Type I Mound
Parcel Number 52-0-014300

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, fines and/or imprisonment.

INSPECTOR SIGNATURE



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

Township 49-27 Unorg. Date of Inspection 8/28/2023 I App. Number 48107
 Owner Mark & Lynn Weinkold Parcel Number 52-0-014300
 Project Address 41554 Grove St. Installer Dirt Doctor
 City Palisade Zip Code 56469 T1 ZBR Mound

New Repair

SETBACKS:

Buildings to tank(s) 13' to shed, 40' to st. bldg
 Buildings to drainfield 62' to st. Bldg.
 Well(s) 50' or 100' 68'
 Lake/Creek/Wetland ---

SEPTIC TANKS: New Existing

Number of tanks installed (1) Sather 1500 combo
 Liquid capacity and type 1000 part combo
 Type of baffle Plastic

Inspection pipes ---
 Manholes size 24"
 Manhole to grade Yes No

PUMPS: New Existing

Tank capacity and type 500 part combo
 Pump manufacturer & model # Liberty 283
 Horsepower & GPM 1/2 HP 186 GPM
 Feet of head 14'
 Gallons per cycle ---
 Size of discharge line 2"
 Type & location of alarm Elec. on tank
 Water meter ---

DIST. or DROP BOX & TYPE ---

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

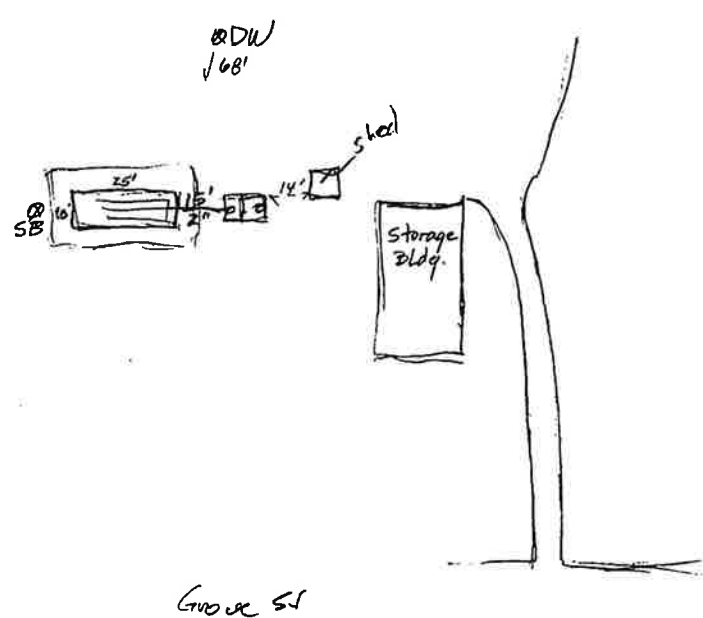
Trench/Bed depth ---
 Trench/Bed length ---
 Trench/Bed bottom width ---
 Trench spacing ---
 Drainfield rock below pipe ---
 Size of gravelless pipe ---
 Depth of backfill ---
 Absorption area: square feet ---
 lineal feet ---

MOUNDS:

Percent slope 0%
 Upslope sand width 12'
 Downslope sand width 12'
 Sideslope sand width 12'
 Drainfield rock below pipe 9"
 Depth of sand below rock 24"
 Perforation size & spacing 0.25"/36" sp.
 Pipe size & spacing 2"/36" sp.
 Dimensions of rock bed 10' X 25'
 Dimensions of sand base 34' X 49'
 Final cover 18" T 12" S

DRAWING OF SYSTEM: (include soils)

soil sheet attached



Inspector's Comments: Own clean sand & rock

Inspector's Signature Bryan Hargrave Installer's Signature [Signature]

8/28/2023 48107

52-0-014300 T1 ZBR Mound

Soils

A 0-5" 10YR 3/2 LS 0-5% c f

E 5-12" 10YR 5/3 LS 0-5% c f

Bs 12" 10YR 4/3 LS w/ 7.5% RS/b redox - no reduction

Barely qualifies for T1 system

Soil boring done on west side of mound

No GPS on this installation - unit not charged.



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 ¼ 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 # 1500 CC Manufacturers Date 8/16/2023
Gallons 1025/504 Maximum buried depth 4 Ft

SCP IS NOT RESPONSIBLE FOR TANK INSTALLATION