

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

This certificate of installation/~~notice of noncompliance~~ has been issued this 25th day of November, 2020 to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: Lot 4 Hall's Grandview Lots

Section 18 Township 45 Range 27 Lake _____

PERMIT NO. 44835 Owner Name Craig Adams

Address 25685 455th Pl Aitkin, Mn

Installer Name Self install

Type of System Inspected Type I trench system (chambers)

Parcel Number 11-1-246900

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 

Adams



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 # 1500 Manufacturers Date 11/15/20
Gallons 1025/502 Maximum buried depth 4 Ft

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

Township Hazelton Date of Inspection 11-20-2020 - Trenches App. Number 2019-005400
11-18-2020 - Tank
 Owner Craig Adams Parcel Number 11-1-246900
11-25-2020 - Final

Project Address 25685 455th Pl Installer Self

City Aitkin Zip Code 56431

New Repair

DIST. or DROP BOX & TYPE Plastic

SETBACKS:

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

Buildings to tank(s) 22'
 Buildings to drainfield 40'
 Well(s) 50' or 100' > 50'
 Lake/Creek/Wetland ✓

Trench/Bed depth 3'
 Trench/Bed length 3 @ 56
 Trench/Bed bottom width 3'
 Trench spacing 13' / 11'
 Drainfield rock below pipe Chambers

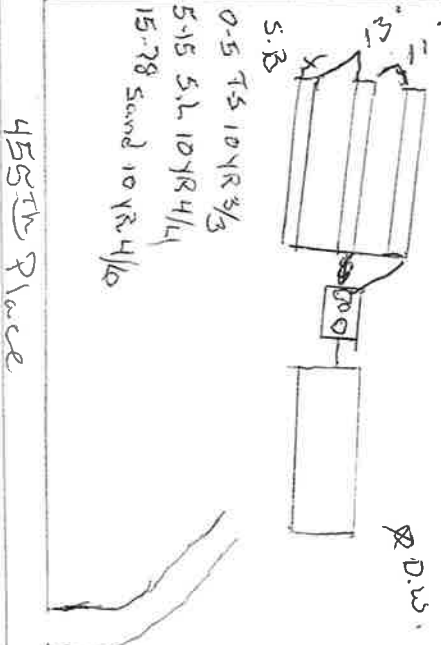
SEPTIC TANKS: New Existing
 Number of tanks installed 1 sather
 Liquid capacity and type 1500 precast
 Type of baffle Plastic
 Inspection pipes _____
 Manholes size 2 @ 24 1 @ 20'
 Manhole to grade Yes No

Size of gravelless pipe _____
 Depth of backfill 12"
 Absorption area: square feet _____
 lineal feet 168'

PUMPS: New _____ Existing _____
 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 _____

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 _____

DRAWING OF SYSTEM: (include soils)



Inspector's Comments: _____

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