

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

This certificate of installation/~~notice of noncompliance~~ has been issued this 20th day of July, 2022 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 NE

Section 2 Township 49 Range 23 Lake _____
PERMIT NO. 47054 Owner Name Thomas & Mary Marshall
Address 17594 510th Ln McGregor, Mn 55760
Installer Name Kern Excavating
Type of System Inspected 3 Bdrm Type I pressure bed
Parcel Number 29-0-002000

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:
Finish grading of final cover to be completed when weather permits in spring 2023.

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 Shamrock Date of Inspection 7-20-22 - sails w/designer App. Number 2022-009068
 Owner Thomas & Macy Marshall Parcel Number 29-0-002000
 Project Address 17594 510th Ln Installer Kern Excavating
 City McGregor Zip Code 55764

New Repair

SETBACKS:
 Buildings to tank(s) 150'
 Buildings to drainfield 155'
 Well(s) 50' or 100' 100'
 Lake/Creek/Wetland >100'

SEPTIC TANKS: New Existing
 Number of tanks installed 1650 Jacobson
 Liquid capacity and type 1120 precast
 Type of baffle Plastic
 Inspection pipes —
 Manholes size 2 @ 24" 1 @ 20"
 Manhole to grade Yes No

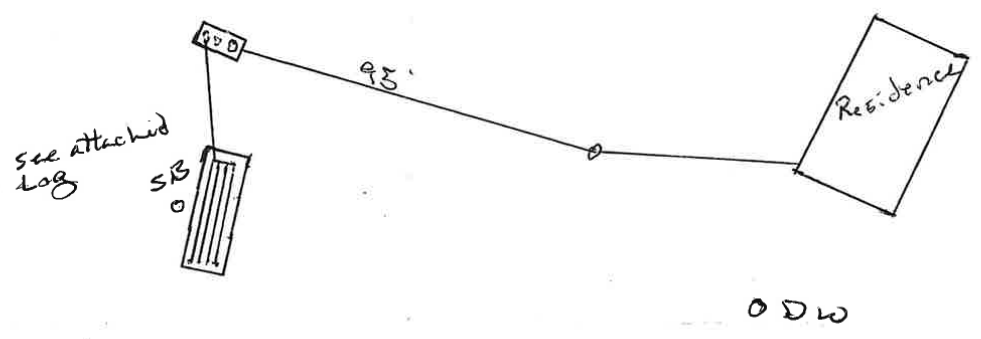
PUMPS: New Existing
 Tank capacity and type 530 precast
 Pump manufacturer & model # Coulters PES
 Horsepower & GPM 1.5 hp 34 GPM
 Feet of head 22'
 Gallons per cycle 95
 Size of discharge line 2"
 Type & location of alarm elec @ Tank
 Water meter —

DIST. or DROP BOX & TYPE _____

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:
 Trench/Bed depth 2'
 Trench/Bed length 45'
 Trench/Bed bottom width 13'
 Trench spacing —
 Drainfield rock below pipe 9"
 Size of gravelless pipe —
 Depth of backfill 12"
 Absorption area: square feet 585
 lineal feet _____

MOUNDS:
 Percent slope _____
 Upslope sand width _____
 Downslope sand width _____
 Sideslope sand width _____
 Drainfield rock below pipe _____
 Depth of sand below rock 7"
 Perforation size & spacing 7/32 X 3'
 Pipe size & spacing 1 1/2 X 3'
 Dimensions of rock bed _____
 Dimensions of sand base _____
 Final cover _____

DRAWING OF SYSTEM: (include soils)



Inspector's Comments: _____
 Inspector's Signature K. [Signature] Installer's Signature _____

Aitkin County Soils Verification Sheet

Property Owner: Thomas Marshal Date: 7/20/22
 RE Code: 29-0-002000 Site Address: 17594 510th Ln. McGregor Mn 55760

K. Turnack
 Signature Aitkin County Asst. Zoning
Kevin Turnack Administrator
 Designer/Inspector
 Licence #: C 32472
 Phone Number: _____
 Date: 7/20/22

Pit	Boring X	Elevation	99.9'	Depth to SHWT	56" Elv. = 95.3'	Date	7/20/22
Depth (in)	Texture	Fragment%	Matrix Color	Redox Color	Consistence	Grade	Shape
0 - 6	Sandy Loam Top Soil	<10%	10YR3/2		Loose	Loose	Granular
6 - 33	Med Sand	<10%	10YR5/4		Loose	Loose	Granular
33 - 35	Blended Med Sand & Silt Loam	<10%	10YR5/4 & 7.5YR5/4		Loose & Weeak	Loose	Granular
35 - 56	Med Sand	<10%	10YR5/4		Loose	Loose	Granular

Signature *Jeff Brummer*
 Jeff Brummer
 Designer/Inspector
 Licence #: L-1347
 Phone Number: 218-821-0704
 Date: 7/20/22
 < less than > greater than

Consistence	Grade	Shape
Loose	Loose	Single Grain
Friable	Weak	Granular, Blocky
Firm	Moderat	Prismatic, Platy
Rigid	Strong	Massive

Pit	Boring	Elevation	99.9'	Depth to SHWT	56" Elv. = 95.3'	Date	6/17/19
Depth (in)	Texture	Fragment%	Matrix Color	Redox Color	Consistence	Grade	Shape

Sketch
 Bench Mark Elv. = 100' Nail on Tree from Septic Design
 Soil Bore Elv. = 99.9'
 Bottom of Soil Bore Elv. = 95.3'
 Grade at Pressure Bed Inspection Pipe Elv. = 101.7'
 Bottom of Pressure Bed Rockbed Elv. = 99.3'
 19" of cover soil & 9" total Rock Depth (6" rock under pipe)

