AITKIN COUNTY

CERTIFICATE OF INSTALLATION/~~NOTICE OF NONCOMPLIANCE~~

This certificate of installation/~~notice of noncompliance~~ has been issued this 6th day of September, 2023 to certify compliance\~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.
The premises covered by this certificate are legally described as:
W 100 FT OF LOT 1 IN DOC #257718 Anderson Beach

Section 10 Township 46 Range 25 Lake Long Lake
PERMIT NO. 46961 Owner Name Joseph Sirba
Address 32639 Nuthatch Ave, Aitkin, MN 56431
Installer Name Hunter Fairchild
Type of System Inspected Type 2 Holding Tanks
Parcel Number 09-1-092100

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 or registrations, fines and/or imprisonment.

INSPECTOR SIGNATURE Bryan Hargrave

SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA

Township Glen Date of Inspection 8/16/2023 App. Number 46961

Owner Joseph Sirba Parcel Number 09-1-092100

Project Address 32639 Nuthatch Ave Installer Hunter Fairchild T2 HT

City Aitkin Zip Code 56431

New [✓] Repair [ ]

DIST. or DROP BOX & TYPE —

SETBACKS:

Buildings to tank(s) 13'

Buildings to drainfield —

Well(s) 50' or 100' DW: 60'+

Lake/Creek/Wetland Long Lake: 90'+ to tank

SEPTIC TANKS: New [✓] Existing [ ]

Number of tanks installed 3

Liquid capacity and type (2) 1820 Jac. combo

Type of baffle Plastic

Inspection pipes —

Manholes size 24"

Manhole to grade Yes [✓] No [ ]

PUMPS: New [✓] Existing [ ]

Tank capacity and type 520 Jac. pump

Pump manufacturer & model # Liberty LES1A

Horsepower & GPM 0.5HP 10-20 GPM

Feet of head 20'

Gallons per cycle 60 GPC

Size of discharge line 2"

Type & location of alarm (2) Elec. alarm in house

Water meter —

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

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: Elec. alarm on 520 pump tank + last 1820 tank. 100' 2"

Inspector's Signature Bryan Hargrave Installer's Signature

Rev:1/13 White – County Yellow – Applicant Pink - Installer

DW
70'
to tank
520
10'
4"
103'
2"
4"
09-1-092100
09-1-092000
NUTHATCH AVE
09-0-015900
10
32639
N

JACOBSON PRECAST CONCRETE, LLC

09-1-092100
Fairchild for Sirba

TANK INSTALLATION INSTRUCTIONS

Model # 1820 Date Built: 6-16-23 Gallons: 1820 Bury Depth 2½'

Model # 1820 Date Built: 6-16-23 Gallons: 1820 Bury Depth 2½'

Model #: 520 Date Built: 5-25-23 Gallons: 520 Bury Depth 5'

SITE CONDITION:

The site must be accessible to large, heavy trucks. Free of items like trees, stumps, overhead wires, etc. That could interfere with delivery or installation and allows trucks to within 3 to 5 ft of placement excavation.

EXCAVATION:

Excavation should be approximately 12" minimum larger than tank size to allow for adequate back fill. This may vary with soil conditions. Excavation shall have a level bottom so the weight bears on the outside walls of the tank.

BEDDING:

Each tank should be placed on about 6" of proper bedding material leveled, and should be compacted to minimum 95% compaction if tested, to ensure the life of the tank structure. Bedding must be capable of bearing the weight of the tank. Bedding material shall have the ability of 100% to pass through a ½" screen.

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. If water table is high installer must also consider the tank my float. If this is a possibility tank must be tied down before backfilling.

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

COVER MATERIAL:

Cover material shall be dry soil, material that has the ability of 100% to be able to pass through a 2" screen. Cover material shall be mounded over tank and around risers to direct run-off away from both.

INLET & OUTLET:

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

BURIAL DEPTH: Tanks to be installed according to model's maximum bury recommendations:


IN


IN