# 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  $\frac{4}{3}$  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,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.

# Rübber 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 recommendation

Model#

Manufacturers Date

Gallons

winnum buried depth

# AITKIN COUNTY CERTIFICATE OF INSTALLATION/NOTICE OF NONCOMPLIANCE

This certificate of installation/notice of noncompliance has been issued this 23rd
day of November , 20 20 to certify compliance\noncompliance with
Aitkin County's Subsurface Sewage Treatment System Ordinance.
The premises covered by this certificate are legally described as:
Lot 25 Lakeshore Acres
Section 23 Township 49 Range 23 Lake Horseshoe
PERMIT NO. 45691 Owner Name Lowell & Helen Carlen
Address 485780 173rd Pl McGregor, MN 55760
Installer Name B&T Sales
Type of System Inspected Type I tank replacement
Parcel Number <u>29-1-340600</u>
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) Paviow of as built plans submitted in appardones with Subdivision 0.2.D of
<ol><li>Review of as-built plans submitted in accordance with Subdivision 9.2 D of Aitkin County's Subsurface Sewage Treatment System Ordinance.</li></ol>
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:
Statement of the findings of fact through inspections or investigations:
2) List of specific violations of Ordinance:
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.
NSPECTOR SIGNATURE Lunock

# SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM AITKIN COUNTY, MINNESOTA

SETBACKS: Buildings to tank(s) ACC APP APP APP APP APP APP APP APP APP	Township Shamrack Date of Inspection	on 11-20-2020 App. Number 2020-006
Installer   State	Owner Lawella Helen Carlen	Parcel Number <u>29-1-340600</u>
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