



March 24, 2015

GROVE CONCRETE & SUPPLY INC.
PAUL MILLER JR./ SUSAN SMITH
18426 DURAND AVE
PO BOX 363
UNION GROVE WI 53182

Re: Description: SEWAGE TANKS, CONCRETE
Manufacturer: GROVE CONCRETE & SUPPLY INC.
Product Name: SEPTIC/SEPTIC/SEPTIC, SEPTIC/SEPTIC/PUMP OR HOLDING
Model Number(s): 2450-3C
1000/450/1000 (THREE COMPARTMENT TAPERED TANK)

(56.5 IN. L.L., 17.74/8.06/17.74 GAL/IN., 60 IN. MAX. DEPTH OF BURY (96 IN. MAX WITH HEAVY DUTY COVER), 1173 G.P.D. WHEN USED AS A SEPTIC/SEPTIC/SEPTIC TANK OR 694 G.P.D. WHEN USED AS A SEPTIC/SEPTIC/PUMP TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; TANK DIMENSIONS (OD) = 152 IN. L X 83 IN. W X 69.5 IN. H)

Product File No: 20150030

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of March 2020.**

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- When this product has an effluent filter installed in an interior wall, the space between the top of the interior wall and bottom of the tank's cover must be sealed with a material that will withstand the environment in the tank and in a manner that will prevent waste from passing over the interior wall.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 greater than 30 mg/L but less than or equal to 220 mg/L, TSS greater than 30 mg/L but less than or equal to 150 mg/L and F.O.G. less than or equal to 30 mg/L.
- Bedding: Tanks must be placed on soils capable of bearing the weight of tank and its contents, when full. Soft soils or bedrock must have 3 inches of tamped material, sand or gravel, 100% of which passes 1/2-inch screen.
- Backfill: Fill must contain no stones or debris larger than 3 inches in diameter. Place backfill in uniform layers no larger than 24 inches.

- This product is approved to use the following:
 - Flood proof manhole cover with eight inch pump out port.
 - Department approved effluent filter designed to be installed in a four or six inch diameter tee with extension and installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - Neenah foundry Co., self-sealing manhole cover or equal.
 - Pipe materials constructed in conformance with Table 384.30-2 or 384.30-11 Wis Admin Code poured into tank cover or access cover.
 - Four or six inch inlet and outlet openings by Press Seal Gasket corp., Polylok or equal.
 - Press Seal Cast A Seal by Press Seal Gasket Corp. and Polylok II high pressure pipe seal by Polylok, or equal.
 - Dual inlets at end or side of tank with access opening above each inlet baffle.
 - Four inch discharge opening in riser.
 - 2 inch threaded nipple cast in riser for electrical wiring.
 - Four inch pipe opening or vent in access cover.
 - Four, six or eight inch pipe openings located near the bottom of the side or end wall for pump and holding tanks.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen Jones, M.S.
POWTS Product Reviewer
phone: (608) 267-5265
fax: (608) 267-9723
email: glen.jones@wi.gov

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