



January 11, 2012

CHURCHILL CONCRETE & STONE LLC
DAVE CHURCHILL
1014 S READ RD
JANESVILLE WI 53546

Re: Description: SEWAGE TANKS, CONCRETE
Manufacturer: CHURCHILL CONCRETE & STONE LLC
Product Name: SEPTIC, HOLDING OR PUMP
Model Number(s): 2000 (ONE-COMPARTMENT)

(47 IN. L.L., 44.17 GAL/IN., 96 IN. MAX. DEPTH OF BURY, 994 G.P.D. WHEN USED AS A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; TANK DIMENSIONS = 139 IN. L X 78 IN. W X 47 IN. H)

Product File No: 20120009

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 January 2017.**

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

- The products produced by this manufacturer are approved to use the following:
 - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - Optional discharge opening from riser.
 - Three inch schedule 40 PVC cast in riser for electrical wiring and/or force main.
 - Pipe materials constructed in conformance with Table 84.30-2 or 84.30-11, Wis. Admin. Code poured into tank cover or access cover.
- 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 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 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.
- This product must have installed a department-approved effluent filter capable of filtering particles of 1/8 inch in size or larger.
- **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:
 - Two inch schedule 40 PVC cast in riser for electrical wiring.
 - Four-inch schedule 40 PVC cast in riser cover for tank venting.
 - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - Install risers in single or multiple using 1/2 or 3/4-in. bituminous rope; install in ship-lap joints.
 - Baffles to be attached by PVC plastic raw nails with stainless steel locking pin spaced at 2-inches.
 - Inlet and outlet uses cast and seal rubber gasket cast into tank during pour.

- **BEDDING:** A minimum of 3 inches of fine aggregate fill on a level firm base is needed to set tank.

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,

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