



August 10, 2012

DALMARAY CONCRETE PRODUCTS, INC
AARON AUSEN
405 S ARCH ST
JANESVILLE WI 53548

Re: Description: SEWAGE TANKS, CONCRETE
Manufacturer: DALMARAY CONCRETE PRODUCTS, INC
Product Name: SEPTIC/SEPTIC, SEPTIC/PUMP, SEPTIC/SIPHON, OR HOLDING *
Model Number(s): 1000/600
(42.5 IN. L.L., 24.7/15.1 GAL/IN., 108 IN. MAX. DEPTH OF BURY, 810 G.P.D. WHEN USED AS A SEPTIC/SEPTIC TANK OR 503 G.P.D. WHEN USED AS A SEPTIC/PUMP OR SEPTIC/SIPHON TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; **TANK DIMENSIONS (OD) = 145 IN. L X 78 IN. W X 47 IN. H**)
Product File No: 20120297

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 2018.**

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

- This product is approved to use the following:
 - Four-inch opening located in interior wall and between a distance of 9-inches below liquid level and above 1/3 of liquid level above bottom of tank for septic tanks only.
 - Four or eight-inch opening in tank or access cover.
 - Six-inch inlet and outlet openings.
 - Bottom and side pipe openings for siphon, pump and holding tanks.
 - Dual 4" four inch inlets and/or outlets.
 - Four-inch discharge opening in riser.
 - Three-inch schedule 40 PVC cast in riser for electrical wiring.
 - Cast-A-Seal and PSX Gasket System by Press Seal Gasket Corp., Polylok II High Pressure Pipe Seal by Polylok, and A-Lok X-Cel by A-Lok Products, Inc.
 - Pipe materials constructed in conformance with Table SPS 384.30-2 or 384.30-11, Wis. Admin. Code poured into tank cover, access cover or interior wall.
 - 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.
- 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 cover must be sealed with a material that will withstand the environment in the tank and in a manor 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 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.
- As an option, baffled inlets may be directed as side entries.
- *** AS OF MARCH 1, 2009, SECTION SPS 384.10 (FORMERLY COMM 84.10) WAS MODIFIED AND THE REVIEW OF EXTERIOR GREASE INTERCEPTORS AS A PLUMBING PRODUCT IS NO LONGER REQUIRED. REVIEW WILL BE CONDUCTED AT THE TIME OF PROJECT-SPECIFIC PLAN REVIEW.**
- Tank Bedding: Bedding should be compacted granular fill that has the ability to pass 100% through as ¾ inch sieve. Bedding should be compacted to a 4 inch minimum depth. In the case of soils with poor bearing capacity, bed design may change to resist floating. Engineering specification may warrant change in bedding specifications.
- When approved as pump and/or siphon chamber or tank, one or more Rissy Plastics Floating Outlet dosing apparatuses are optional installations. For more information on the number of outlets, drawdown and discharge rates; see www.rissyplastics.com. Also, see attachments.
- BACKFILL: Fill must contain no stones or debris larger than 3 inches in diameter. Place backfill in uniform layers no larger than 24 inches.
- Additional information is included as attachment(s) to this letter; see attachment A, B and C.

This approval supersedes the approval issued on 2/10/2009 under product file number 20090072.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20090072.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

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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