



June 6, 2012

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

Re: Description: **SEWAGE TREATMENT APPARATUS & TANK SYSTEM [SEE STA -SEWAGE TREATMENT APPARATUS]***
Manufacturer: DALMARAY CONCRETE PRODUCTS, INC
Product Name: BIO MICROBICS MICROFAST 0.9 AND 1.5 AND HIGH STRENGTH FAST 1.0 AND 1.5*
Model Number(s): 2000
Product File No: 20120215

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 NOVEMBER 2017.**

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

- This tank may only be used when installed with the Bio-Microbics, Inc., High Strength or Micro Fast sewage treatment apparatus.
- 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.
- Also refer to the department's product approval stipulations for the sewage treatment apparatus, which may include: maximum daily wastewater flow, influent strength, maximum BOD5, and maintenance intervals.
- **To determine treatment credits for residential and commercial POWTS designs, see stipulations regarding max. BOD5, DWF, approved effluent filters, etc. contained in approval letters for the specific treatment device; see <http://commerce.wi.gov/SB/SB-ProductsEvalProgram.html#Plum>.**
- **BEDDING:** A minimum of 4-inch thick of sand or granular bed, properly compacted, overlying a firm uniform base is recommended. Tanks must not bear on large boulders or rock edges. Sites with silty soils, high groundwater or other poor bearing characteristics must have specifically designed bedding and bearing surfaces.
- **BACKFILL:** Place backfill material in uniform layers less than 24 inches thick. Material must be free of any large stones (greater than 3 inches diameter) or other debris.
- Each tank that is utilized in the installation of this product must pass a water tightness test after installation. The water tightness test must comply with s. SPS 384.25 (2) of the Wis. Adm. Code.

- This system must have an adequately sized septic tank for the design upstream of this unit.
- **This approval remains in effect while the BIO-MICROBICS FAST units as listed above have current approvals.**
- **For treatment credits in residential and commercial POWTS designs, see stipulations regarding max. BOD5, DWF, approved effluent filters, etc. contained in approval letters for BIO-MICROBICS MICRO-FAST 0.75 AND 0.9 AND HighStrength FAST 1.0, etc..**

* **This product has been re-categorized** (from STA- sewage treatment apparatus to STAS- sewage treatment apparatus tank system) to better describe the actual product approval, which is for a tank which meets the specifications outlined by the manufacturer of the pre-treatment product/device.

This approval supersedes the approval issued on 6/20/2007 under product file number 20070300.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20070300.

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,

Jean M. MacCubbin, CST
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