

February 10, 2010

CREST PRECAST, INC.  
STEVE MADER  
609 KISTLER DR  
LA CRESCENT MN 55947-1721

Re: Description: SEWAGE TREATMENT APPARATUS & TANK SYSTEM \*[SEE STA -SEWAGE TREATMENT APPARATUS]  
Manufacturer: CREST PRECAST, INC.  
Product Name: SEPTIC/FAST; BIO-MICROBICS FAST--MicroFAST 0.75 and 0.9 and HighStrength FAST 1.0 2  
Model Number(s): 950/1400-FAST  
[48 IN. L.L.; 450 GPD; TANK DIMENSIONS = 173.5 IN. L X 78 IN. W X 48 IN. H]  
Product File No: 20100019

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, 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 February 2015.**

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

- This product is approved to use the following:
  - Two inch schedule 40 PVC cast in riser for electrical wiring.
  - Neenah Foundry gasketed access cover.
  - Bilco locking hinged access cover.
  - Pipe materials constructed in conformance with Table 84.30-2 or 84.30-11, Wis. Admin. Code poured into tank cover or access cover.
  - Four inch discharge opening in riser.
  - Dual inlets at end of tank with one access opening above both inlets.
  - Dual outlets at end of tank with one access opening above each outlet.
  - Side outlets for dose tanks.
  - Bottom and side pipe openings for siphon, pump and holding tanks.
  - Six, eight and ten-inch inlet and outlet openings.
  - Press Seal "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..
  - 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 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.

- **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 ½ inches screen.**
- **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.**

This approval supersedes the approval issued on 12/16/2004 under product file number 20040574.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20040574.

**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.**

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.

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  
Engineering Consultant--Plumbing Product Reviewer  
Commerce; Safety & Buildings Div.  
PO Box 2658  
201 W Washington Ave.  
Madison WI 53703-2658  
Phone: 608-266-0955; Fax: 608-283-7456  
E-mail: Jean.MacCubbin@wisconsin.gov