



August 21, 2012

HUFFCUTT CONCRETE, INC.  
BILL OLSON  
4154 123RD ST  
CHIPPEWA FALLS WI 54729

Re: Description: SEWAGE TREATMENT APPARATUS & TANK SYSTEM [SEE STA -SEWAGE TREATMENT APPARATUS]  
Manufacturer: HUFFCUTT CONCRETE, INC.  
Product Name: 1.5 MICROFAST/PUMP TANK 1600/1400  
Model Number(s): 1600/1400 1.5 MICROFAST/PUMP  
[53 IN. /52 IN. L.L., 31.2/26.3 GAL/IN, 96" MAX. BURY DEPTH; FOR TREATMENT PERFORMANCE, MAX. DWF AND MAX. BOD5, INFLUENT STRENGTH, ETC. SEE SEPARATE APPROVAL FOR FAST UNIT]  
**Product File No: 20120313**

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 August 2017.**

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

- This product is approved to use the following:
  - Four, six or eight inch inlet and outlet openings.
  - Bottom and side pipe openings for siphon, pump and holding tanks.
  - Pipe materials constructed in conformance with Table 84.30-2 or 84.30-11, Wis. Admin. Code poured into tank cover or access cover.
  - 12-inch access port for holding tanks.
  - Four inch discharge opening in riser.
  - Two inch schedule 40 PVC cast in riser for electrical wiring.
  - Metal lockdown cover.
  - 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 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.
- Installation and servicing of this product must be in accordance with the manufacturer's instructions. A copy of the manufacturer's installation and servicing instructions must be given to the owner of the system.

HUFFCUTT CONCRETE, INC.

Page 2

August 21, 2012

**Product File No: 20120313**

- This product must be installed in accordance with the manufacturer's printed instructions, product approval and the plan approval. If there is a conflict between the manufacturer's instructions and the plan approval, the plan approval will take precedence.
- A Best GF10-8 effluent filter or equivalent shall be installed in this system.
- 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 -inch screen.
- 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.
- 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.
- BACKFILL: Place backfill in uniform layers less than 24 inches thick. Backfill should be free of any large stones (greater than 3 inches in diameter) or other debris. [NPCA Best Practices]
- 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 aerobic treatment units.

This approval supersedes the approval issued on 3/28/2008 under product file number 20080185.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20080185..

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.

**\* To better clarify this plumbing product, the product type description has been changed from 'sewage tank systems' (STA) to 'SEWAGE TREATMENT APPARATUS & TANK SYSTEM' (STATS). Approved levels of treatment for the inserted SEWAGE TREATMENT APPARATUS are found in the approval letter for the specific device(s).**

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 Products Review  
DSPS WEST, Safety & Buildings Div.  
PO Box 2658  
201 W Washington Ave.  
Madison WI 53703-2658  
M-F 700-330  
Phone: 608-266-0955; Fax: 608-283-7456  
E-mail: Jean.MacCubbin@WI.GOV