



February 7, 2011

AL'S CONCRETE PRODUCTS INC.
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800 TOWNHALL RD
LA CRESCENT MN 55947

AL'S CONCRETE PRODUCTS, INC.
CHARLES MACH
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LA CRESCENT MN 55947

Re: Description: **SEWAGE TREATMENT APPARATUS & TANK SYSTEM [SEE STA -SEWAGE TREATMENT APPARATUS] ***
Manufacturer: AL'S CONCRETE PRODUCTS, INC.
Product Name: 3.0 OR 4.5 BIO-MICROBICS MICRO FAST 3.0 OR 4.5 OR DELTA ECO-POD D-SERIES 300, 400 OR 450
Model Number(s): 5366 MICRO FAST 3.0 OR 4.5
5366 DELTA ECO-POD D-SERIES 300, 400 OR 450
[SEE MAX. DWF AND INFLUENT CHARACTERISTICS FOR EACH PRE-TREATMENT UNIT]
(82.0' IN. L.L., 65.4 GAL/IN., 96 IN. MAX. DEPTH OF BURY, BOTTOM DIMENSIONS 16 FT. L X 8 FT. W)
Product File No: 20100105

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 APRIL 2016.**

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

- 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.
- This tank may ONLY be installed in conjunction with the Bio-Microbics Inc., sewage treatment apparatus.
- 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.
- **Also refer to the Commerce 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> .**

- **This approval shall become null and void if the approval for any of the following approvals are not kept current: BIO-MICROBICS MICROFAST 3.0 OR 4.5, or if DELTA Eco-Pod Wastewater treatment Systems 300D, 400D or 450D models. SEE EACH SEPARATE APPROVALS FOR THESE TREATMENT DEVICES FOR MAX. DWF IN GALS./DAY; MAX. CBOD5 IN LBS./DAY AND MIN. TANK/CHAMBER CAPACITIES.**
- This product is approved to use the following:
 - 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.
 - Bottom and side pipe openings for siphon, pump and holding tanks.
 - Six inch inlet and outlet openings.
 - Two inch schedule 40 PVC cast in riser for electrical wiring.
 - 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..
 - Dual inlets at end of tank with one access opening above both inlets.
 - Dual inlets at end of tank with one access opening above each inlet.
 - Department approved effluent filter designed to be installed in a four inch diameter tee with extension and installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - Department approved plastic risers and covers installed as required by product approval for the plastic risers and covers with the first riser cast into cover at time of tank production.

This approval supersedes the approval issued on 12/19/2005 under product file number 20050136.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20050136.

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 STATS- 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,

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