



Scott Walker, Governor
Dave Ross, Secretary

January 10, 2017

Identification Numbers
Transaction ID No. 2733946
Site ID No.
Please refer to both identification numbers, above, in all correspondence with the agency.

CUST ID No. 1355638

AMANDA RENNER/SHERYL ERVIN
BIO MICROBICS INC
8450 COLE PARKWAY
SHAWNEE KS 66227

CONDITIONAL APPROVAL
PLAN APPROVAL EXPIRES: 01/31/2022

Re: Description: SEWAGE TREATMENT SYSTEMS, AERATED
Manufacturer: BIO-MICROBICS INCORPORATED
Product Name: (trans id 2733946) MyFAST®
Model Number(s): MYFT 1.0, MYFT 2.0, MYFT 3.0, MYFT 4.0,
MYFT 6.0, MYFT 8.0, MTFT 12.0, MYFT 16.0

MyFAST® 1.0	10,000 GPD
MyFAST® 2.0	20,000 GPD
MyFAST® 3.0	30,000 GPD
MyFAST® 4.0	40,000 GPD
MyFAST® 6.0	60,000 GPD
MyFAST® 8.0	80,000 GPD
MyFAST® 12.0	120,000 GPD
MyFAST® 16.0	160,000 GPD

Product File No: 20160188

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 2022.**

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

- 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.
- Any plan submitted to the department for a commercial system that includes a MyFAST® unit shall be accompanied by a letter from Bio-Microbics, Inc. assuring the design will meet required effluent quality.
- All systems having flows equal to or exceeding 12,000 gpd require DSSPS and DNR approval.

- The Division of Industry Services reserves the right to amend/revise this document as conditions arise for code compliance and/or to protect public health and waters of the state.
- The department may require metering or monitoring of the effluent from this product to evaluate the operation and compliance to SPS 383.44 effluent quality parameters.
- The owner is responsible for maintaining and testing this POWTS product verifying it complies with code effluent quality parameters.
- For commercial use in establishments with food service, full service restaurants, and similar facilities, state-approved upstream grease interceptor of an acceptable size and treatment performance must be installed to bring wastewater parameters to acceptable levels. Tank must allow for min. of 2-day residency time of average DWF.
- The performance expectation of this product is dependent on the specific contaminant load associated with the maximum daily discharge in gallons per day. The quality of influent discharged into a POWTS treatment or dispersal component consisting in part of in situ soil shall be equal to or less than all of the following:
 1. A monthly average of 30 mg/L fats, oil and grease.
 2. A monthly average of 220 mg/L BOD5.
 3. A monthly average of 150 mg/L TSSAn exception is provided in Table 383.44-2 where downsizing may occur where the effluent has a monthly average of <30 mg/L BOD5 and <30 mg/L TSS.
- The minimum depth of unsaturated soil for treatment purposes is 24, 36 or 60 inches dependent on the monthly average fecal coliform concentrations of the treated wastewater, soil texture and percent coarse fragments as specified in Table 383.44-3.
- When this product receives wastewater from dwellings and is granted downsizing and vertical separation credits as allowed in Tables 383.44-2 and 383.44-3, it shall produce an effluent quality with a maximum monthly average value of BOD5, TSS and FOG. of less than or equal to 30mg/L and fecal coliform of less than or equal to 10,000 cfu/100ml to stay compliant with SPS 383.44 effluent quality parameters.
- Based on testing data submitted and reviewed by the department, this approval recognizes that this treatment product will reduce the average concentration of Total Nitrogen up to 70% when a third chamber or tank is utilized per manufacturer's specifications.
- This product must be installed in state-approved sewage treatment tanks approved by this department for use with this product.

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,

Glen Jones, M.S.
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