



SAFETY AND BUILDINGS DIVISION  
Plumbing Product Review  
P.O. Box 2658  
Madison, Wisconsin 53701-2658  
**TTY: Contact Through Relay**

**Scott Walker, Governor**  
**Dave Ross, Secretary**

June 12, 2012

EHS-ENVIRONMENTAL/HEALTH PRODUCTS & SERV  
KENNETH E. NEU  
PO BOX 21  
RICHFIELD WI 53076

EHS- ENVIRONMENTAL HEALTH PRODUCTS & SER  
EHS-NORTH  
KEN NEU  
PO BOX 101  
PHILLIPS WI 54555

Re: Description: POWTS COMPONENT MANUAL  
Manufacturer: EHS- ENVIRONMENTAL HEALTH PRODUCTS & SER  
Product Name: SMART-TREAT™ MBBR SYSTEM MANUAL  
**Model Number(s): EHS-REVISION 3, May 2012**  
**(PUBLISHED BY ENVIRONMENTAL/ HEALTH PRODUCTS & SERVICE)**  
**Product File No: 20120219**

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):

- Installation of systems that conform to this POWTS component manual must consist of wastewater treatment tank(s) approved by the Department of Commerce, Division of Safety and Buildings that meet the criteria listed in the manual. Tanks that are approved with options that allow the tank to meet the requirements of this manual, without further modifications to the tank, are considered approved tank in accordance with this manual.
- Approval of this POWTS Component Manual is for recognition for designs of systems that are covered by this manual. Systems that are designed, installed and maintained in accordance with this manual will produce effluent having equal to or less than 25 mg/L BOD5, 30 mg/L TSS and 8-20 mg/L nitrite+nitrate-nitrogen and 10-30 mg/L of Total N. Systems using this method of treatment can also be designed to achieve less than 10 mg/L Total Nitrogen if properly designed and maintained.
- Copies of this Component Manual are available through the submitter/manufacturer or downloaded from the department's webpage; see: <http://dsps.wi.gov/sb/SB-PubsPlumbProdReg.html>
- Approval of this POWTS Component Manual is for recognition for designs of systems that are covered by this manual. Systems that are designed, installed and maintained in accordance with this manual will provide treatment of domestic wastewater in conformance with s. Comm 83, Wis. Adm. Code. This manual must be used in conjunction with a Commerce approved POWTS Design Manual for effluent distribution and dispersal.
- Approval of this design manual does not constitute approval of individual POWTS designs based on this manual; site-specific designs shall be submitted to the appropriate governmental unit for review and approval prior to installation.

This approval supersedes the approval issued on 08/09/2007 under product file number 20120219.

June 12, 2012

**Product File No: 20120219**

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20120219.

- Additional information is included as attachment(s) to this letter; see attachment A.

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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