

September 18, 2006

ENVIRO-FLO INC.  
JOE LACEY  
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FLOWOOD MS 39232

Re: Description: SEWAGE TREATMENT SYSTEMS, AERATED (also see SEWAGE TREATMENT APPARATUS)  
Manufacturer: ENVIRO-FLO INC.  
Product Name: ENVIRO-FLO  
Model Number(s): E-500  
Product File No: 20060268

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 September 2011.**

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.
- The joint used to connect the inlet pipe to this product must be caulked in accordance with s. Comm 84.40 (5) (a) and (17), of the Wis. Admin. Code.
- This product is approved for use as an aerobic sewage treatment system treating domestic wastewater only when this model of ENVIRO-FLO is installed in a steel-reinforced concrete tank as submitted.
- A copy of this approval letter must be supplied to the buyer and installer of each Enviro-Flo E500 unit sold.
  1. All laitance, loose or foreign material must be removed from each joint surface prior to the sealant being applied.
  2. Continuous sealant meeting Federal Specification SS-S-00210-A must be applied to each tongue and groove wall joint.
  3. After placement of the concrete sections on the sealant, continuous squeeze-out of the sealant must be visible inside and outside the tank.
  4. A certified plumbing inspector must confirm compliance with limitations 1-3 above, by direct observations during each process.
- This product must have a PERMANENT warning label located on the cover of the ENVIRO-FLO E-500 system stating "WARNING DO NOT ENTER TANK. THE ENVIRO-FLO SYSTEM MUST BE SERVICED FROM GRADE USING PROPER TOOLS AND EQUIPMENT. CONTACT YOUR LOCAL DISTRIBUTOR FOR SERVICE."
- When this tank is used as a septic tank or grease interceptor, its maximum liquid capacity is 920 gallons.

- This product is recognized to treat a maximum of 1.5 pounds of BOD5 per day at a maximum daily wastewater flow of 500 gallons per day.
- When this product includes the ENVIRO-FLO E-500 system and receives wastewater from dwellings, it will produce an effluent quality with a maximum monthly average value for BOD5 of less than or equal to 30 mg/L.
- LABELING: This product must have a permanent label located on or near the lid opening of the ENVIRO-FLO aerobic treatment unit providing the model number and serial number (model number corresponds to the maximum daily wastewater flow). Contact information for serving shall also be included.
- INSTALLATION: All installation shall meet the specification in the ENVIRO-FLO Wastewater Treatment System Installers and Owners Manual (undated).
- INSTALLATION: Installation depth shall not exceed 38 inches without additional reinforcement. For installations greater than 38 inches but less than 48 inches, the lids shall be double reinforced. For installations greater than 48 inches, a letter from ENVIRO-FLO engineer specifying installations specifications is required.
- MAINTENANCE: This system shall be installed as per s. Comm 84.25 (7) to provide a means for inspection or required servicing or maintenance of the tank. Inspection openings for tanks located below ground shall extend at least to the finished grade. Covers or access ports located at or above ground for openings when larger than 8 inches in diameter shall be provided with locking devices and shall remain locked except for cleaning or maintenance purposes.

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  
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