

May 7, 2010

STORMTECH, LLC
DAVID J MAILHOT
20 BEAVER RD STE 104
WETHERSFIELD CT 06190

Re: Description: **STORMWATER DETENTION AND/OR INFILTRATION SYSTEM, ALTERNATE PLBG
SYS***
Manufacturer: STORMTECH, LLC
Product Name: STORMTECH ISOLATOR ROW
Model Number(s): SC-310, ISOLATOR ROW
Product File No: 20100098

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 May 2015.**

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

- Prior to installation of this product, plans and specifications must be submitted to the department or to an approved agent municipality for review and approval in accordance with s. Comm 82.20 (1) of the Wis. Admin. Code. Written approval for the plans and specifications shall be obtained prior to installation of the product.
- Inspection and maintenance of this product must be performed at intervals specified by the manufacturer (S070104HP-5) or in accordance plan approval or s. Comm 82.21, whichever is more restrictive.
- When this product is installed an Isolator Row, the installation must be in accordance with the manufacturer's printed Design Manual (S070104HP-5), ch. Comm 82, plan approval under s. Comm 82.20 and product approval stipulations. When there is a conflict between manufacturer's installation instructions and plan approval or product approval stipulations, the plan approval or product approval stipulations will take precedence.
- This product must be permanently labeled identifying the manufacturer and model number (StormTech SC-310).
- The review undertaken by Commerce staff does not include review and/or approval of this submittal as meeting DNR specifications for ch. NR 151.
- When this product is installed, the installation must be in accordance with the manufacturer's printed design installation instructions, ch. Comm 82, plan approval under s. Comm 82.20, and any product approval stipulations. When there is a conflict between manufacturer's installation instructions and plan approval conditions or product approval stipulations, the plan approval conditions or product approval stipulations will take precedence.
- Installation-- Installation of this product must be in accordance with the manufacturer's printed installation instructions. A copy of the manufacturer's installation instructions must be given to the property owner, installer and submitted along with other information required by the governing agency for the installation.

- This product may be installed without a waterproof membrane under the following conditions:
 1. The installation is for a subsurface detention system;
 2. The soils on which that detention system is placed have a maximum soil application rate of 0.2 gallons/square foot/day based upon morphological soil evaluation as listed in Comm Table 83.44-2 under the column for BOD5 and TSS > 30mg/L; and
 3. A geotextile fabric that meets the chamber manufacturer's specifications is placed on the bottom of the product is required.
- Any plumbing plans that include this device(s) and submitted to Commerce shall be accompanied by an acceptable modeling method, such as outlined in Method for Predicting the Efficiency of Proprietary Storm Water Sedimentation Devices (1006) for the specific site where the installation of this device(s) is planned. The submitted calculations, based on site-specific inputs, shall predict the removal efficiencies by concentration and percentage. For particle size distribution, in SLAMM use file: NURP.cpz.
For a copy of this standard, see:
http://dnr.wi.gov/runoff/pdf/stormwater/techstds/prop_devices_std_v2_051408.pdf
- Any plumbing plans that include this device(s) and submitted to Commerce shall be accompanied by an acceptable modeling analysis for the specific site where the installation of this device(s) is planned. The submitted calculations, based on site-specific inputs, shall predict the removal efficiencies by concentration and percentage for both TSS and O&G. For particle size distribution, use the EPA-NURP (National Urban Runoff Program] distribution.

This approval supersedes the approval issued on 4/30/2007 under product file number 20050165.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20050165.

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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Commerce; Safety & Buildings Div.
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