



February 1, 2010 RE-ISSUED 2/11/2010

CONTECH CONSTRUCTION PRODUCTS INC.
TODD M. RIEBAU
6441 ENTERPRISE LANE SUITE 116
MADISON WI 53719

CONTECH CONSTRUCTION PRODUCTS INC.
JEFF McMULLEN
9025 CENTER POINT DR UNIT #400
WEST CHESTER OH 45069

Re: Description: STORMWATER DETENTION AND/OR INFILTRATION SYSTEM, ALTERNATE PLBG SYS
Manufacturer: CONTECH CONSTRUCTION PRODUCTS INC.
Product Name: CHAMBERMaxx™ -- STORMWATER DETENTION/RETENTION SYSTEM
Model Number(s): **CHAMBERMaxx™--START, MIDDLE AND END CHAMBERS (OPTIONAL CONTAINMENT ROW)**
[CORRUGATED, POLYPROPYLENE, OPEN-BOTTOM, BURIED ARCH-SHAPED CHAMBERS
WITH OPTIONAL INSPECTION/CLEANOUT PORTS; MAX. LENGTHS = 98.4/91.0/92.0 IN.,
RESPECTIVELY; 18-IN. MIN. COVER DIA.; 54 IN. MAX. BURY; 49 CF AVAILABLE STORAGE
PER CHAMBER, 76.7 CF AVAILABLE STORAGE WHEN USED WITH 12 IN. STONE]
Product File No: 20090393

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 February 2015.**

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

- 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.
- 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.
- **This product is approved for the following use:
- Stormwater and clearwater subsurface detention system.**
- 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.

- When this product is installed as a subsurface detention system, the installation must be in accordance with the manufacturer's printed instructions. When there is a conflict between the manufacturer's installation instructions and plan approval or product approval stipulations, the plan approval or product approval stipulations will take precedence.

Sizing of piping for stormwater and clearwater subsurface detention shall be made using hydraulic calculations as specified in manufacturer's instructions.

- 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.
- Written approval for the plumbing plans shall be obtained from the department for each installation of this system. If the project is located within the city of Milwaukee or another agent having plumbing stormwater review status, plans may be submitted to either the department or to the agent municipality; see <http://commerce.wi.gov/SB/SB-PlumbingAgentMunis.html>.
- Inspection and maintenance of this product must be performed at intervals specified by the manufacturer [see ChamberMaxx™ Retention Installation Guide (1M 01/09)] or in accordance plan approval or s. Comm 82.21, whichever is more restrictive. Manufacturer recommends annual inspection/maintenance intervals, except in the first year of operation whereby intervals are more frequent and may dictate a site-specific interval schedule.
- **For detention and waterproof membranes: The installation of waterproof membranes must be either PVC or linear low density polyethylene (LLDPE) material having a minimum 20 mil thickness with all seams sealed. PVC membrane seams must be sealed using solvent cement. LLDPE membrane seams must be sealed using thermal welding.**
- **Additional information is included as attachment(s) to this letter; see attachment A, B and C.**

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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