



April 9, 2008

INFILTRATOR SYSTEMS INC
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INFILTRATOR SYSTEMS, INC.
CARL W. THOMPSON
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Re: Description: POWTS COMPONENT MANUAL
Manufacturer: INFILTRATOR SYSTEMS, INC.
Product Name: THE INFILTRATOR CHAMBER MOUND COMPONENT MANUAL
Model Number(s): **(VERSION 5.0) August 11, 2004, as amended 04/03/2008**
Product File No: 20080207

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 AUGUST 2009.**

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

- 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 and dispersal of domestic wastewater in conformance with s. Comm 83, Wis. Adm. Code.
- Copies of this Component Manual are available through the submitter/manufacturer.
- The amendment dated 04/03/2008 modifies the requirements regarding orifice orientation and anti-siphoning. See memo dated 04/03/08 Infiltrator Systems, Inc. or call Technical Services at phone: 1-800-221-4436.

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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Environmental Onsite Wastewater SolutionsSM

MEMORANDUM

DATE: April 3, 2008
FROM: Infiltrator Systems Inc.
RE: Modification of the ISI Mound Component Manual

Infiltrator Systems Inc. (ISI) has modified the requirements below to offer greater design flexibility when installing ISI chambers in mound configurations:

- **Orifice Orientation:** Effluent distribution orifices are located in the upper half of the distribution lateral. Distribution laterals should have a minimum of one drain opening that is no larger than the size of the orifice in the lateral. Total number of drain holes required in a lateral is based on design and site specific conditions. An orifice shield shall be installed under each drain hole (Refer to Fig. 11 of the ISI Mound Component Manual).
- **Anti-siphoning:** Air relief valves (see figure) can also be specified as an alternative for anti-siphoning. The height of the air relief valve shall be at least 10-inches above the base trench elevation in the chamber to prevent back siphoning.

