

I&E Committee Meeting Notes
June 2, 2009

Present at the meeting:
Tom Konsler, Chairman
Tim Bannister
Cory Brantley
Everett Coates
Toney Jacobs
David Lindbo
Shankar Mistry

The minutes from the April 7, 2009, meeting were approved.

Old Business

Hoot Systems, Inc: Controlled Demonstration Application (Drip) (Mike Dunn)

- Control panel and override float/alarm float are to be programmed so that when triggered the entire pump tank volume is not dosed to drainfield
- The last sentence of D.4 (starting with "If a Group IV soil occurs with 18 inches...") is to be deleted
- Look at adding an extra column in the table of D.2 for the maximum LTAR
- Committee voted to recommend the Controlled Demonstration Approval with the deletion of the last sentence of D.4, with Cory Brantley abstaining from voting

New Business

Infiltrator Systems, Inc: Modifications to Innovative Approval (Dave Lentz)

- Proposing a low profile chamber – 8 inches high
- Met in subcommittee initially due to confidentiality of chamber design
- Company is in the process of creating the mold
- After chambers have been produced, structural testing will be performed and results sent to Section
- Questions/concerns raised by the Committee are as follows
 - o What is the storage volume in the new chamber compared to the currently approved chambers
 - o Will there be sand intrusion into the louvers
 - o Since the Company is asking for the 25% and 35% reductions for the low profile chamber, is this comparable to the existing approved products or will there be less storage volume, etc
 - o Will the hydraulic head (depth of water) over the biomat be reduced with the low profile chamber and will this affect the chamber performance
 - o Is this a modification to the existing chamber or a new chamber
 - o What is the total infiltrative surface for the low profile chamber compared to the existing chamber
 - o How is the storage volume of the chamber being calculated
 - o Will the combination of less storage volume and a lowered sidewall open area provide equal performance
 - o Is the H10 and other load tests sufficient due to reported collapse problems with other chambers that have passed these tests
- Some ideas proposed by Committee to modify proposed approval include: no reduction for low profile chamber, shallower soil depth, take low profile chamber to Controlled Demonstration

- Motion was made to recommend approval of the draft approval as currently proposed, and with the chamber passing the structural testing. The motion failed. Cory Brantley abstained from voting.

Aero-Stream, LLC: Experimental Approval (Philip Lach)

- Project Manager – Ishwar Devkota
- Subcommittee – Everett Coates, Toney Jacobs, and David Lindbo
- Experimental approval similar to Aquaworx Remediator

Status of I&E Applications

Clearstream – drip approval should be ready in the near future
American Manufacturing – should be ready in the near future
Biokube – finishing up in subcommittee

Announcements

The next Committee meeting will be Thursday July 2, 2009, starting at 10 am, at 2728 Capital Blvd, Rm 1H-120 (Air Quality Training Room)

Non-Committee Members in Attendance at Meeting

William Anthony, ADS
Tom Ashton, American Manufacturing
Steven Berkowitz, On-Site Water Protection Section
Casey Clugston, Jamac & Associates
Ishwar Devkota, On-Site Water Protection Section
Mike Dunn, Hoots Systems
Philip Lach, Aero Stream LLC
Jim Langston, Stay Right/Hoot Systems
Matt Lee, Aqua Test
David Lentz, Infiltrator Systems
Ted Lyon, On-Site Water Protection Section
Sushama Pradhan, NCSU
Mike Stidham, EZ Set Company
Bob Uebler, On-Site Water Protection Section

Minutes taken by Tricia Angoli, On-Site Water Protection Section

These minutes were adopted by the Committee August 4, 2009.