

I&E Committee Meeting Notes  
September 7, 2012

Present at the meeting:  
Tom Konsler, Chairman  
Tim Bannister  
Wayne Jones  
Harold Kelly  
David Lindbo

The minutes from the June 7, 2012, meeting were approved.

Nancy Deal will be the new I&E Staff Coordinator, starting with the October 2, 2012 meeting.

Old Business

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

- The following modifications were proposed to the approval based on the comments at the last Committee meeting
  - o Instead of the systems being categorized by the three physiographic regions (Coastal Plains and Piedmont) the systems will be tracked by soil group (Group I, II, III and IV)
  - o The number of systems installed has been increased from 42 to 44
  - o Eleven systems in each soil group will be monitored
  - o The systems can be monitored after they have been installed for a year (do not have to wait for all systems to be installed)
  - o Ten out of eleven systems must pass the criteria for the soil group to pass
- Concerns were brought up regarding the water usage for these systems, and what happens if the water usage is significantly below design. There should either be specific or general criteria by which systems would be disqualified (ex. operating below design or above design, or abnormal waste characteristics, etc.).
- Motion was made to recommend approval of the draft approval based on the removing the physiographic region and replacing with soil groups. The motion failed.

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

- The request to add language to the Quick4, ARC/Biodiffuser, and EZflow approvals to clarify sizing of the drainfield when the LTAR is greater than 1.0 gpd/sq ft has been retracted from the original request
- Committee voted to recommend approval of name change from Advanced Drainage Systems to Infiltrator Systems, Inc for IWWS-1997-2-R9 (ARC/Biodiffuser chambers)
- Committee voted to recommend approval of the removal of the 35% warranty systems in the Infiltrator Quick4, ARC/Biodiffuser, and EZflow approvals with the Department working with the Attorney General's office on the best way to work with all previously issued permits utilizing the 35% reduction system
- Committee voted to recommend approval for modifying the EZflow innovative to match the EZflow accepted approval made earlier this year (clarification of language in approval)

New Business

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

- ARC 36 low profile chamber
- Change of name from Advanced Drainage Systems to Infiltrator Systems, Inc
- Committee voted to recommend approval

Infiltrator Systems, Inc: Controlled Demonstration Application (Dave Lentz)

- New application for the ARC 36 low profile chamber
- Approval will be identical to controlled demonstration approval for Quick4 Plus low profile chamber
- Approval is on hold until all issues with Quick4 Plus low profile controlled demonstration approval have been finished and approved by Committee
- Same changes will then be made to the ARC 36 low profile chamber approval

Presby Environmental, Inc: Controlled Demonstration Application (Sean McGuigan)

- Project Manager – Kevin Neal and Steven Berkowitz
- Subcommittee – David Lindbo, Wayne Jones, Tom Konsler, and Tim Bannister
- Staff recommended the Attorney General’s office be involved in the first subcommittee meeting to help provide clear direction on the system proposed and which rules/laws apply

Update of I&E Applications

EZ Treat – still in subcommittee

Delta – still in subcommittee

Announcements

The next scheduled Committee meeting is Tuesday October 2, 2012, at a location to be determined.

Non-Committee Members in Attendance at Meeting

Tim Barbee, Driller’s Service

Steve Barry, AQWA

Steven Berkowitz, On-Site Water Protection Branch

Tim Crissman, On-Site Water Protection Branch

Ishwar Devkota, On-Site Water Protection Branch

Bill Fenner

Dwayne Graham, On-Site Water Protection Branch

Mike Hoover, NCSU

David Lentz, Infiltrator Systems, Inc

Steve Levitas, Kilpatrick Townsend

Layton Long, Environmental Health Section

Ted Lyon, On-Site Water Protection Branch

Sean McGuigan, Presby Environmental

Kevin Neal, On-Site Water Protection Branch

Bob Rubin

Scott Samuelson, SeptiTech, LLC

Tim Wood, Infiltrator Systems, Inc

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