

I&E Committee Meeting Notes
December 7, 2010

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

The minutes from the June 1, 2010, meeting were approved with the following modification: the sentence "The Committee meeting scheduled for July 6, 2010, was cancelled and the next Committee meeting is scheduled for Tuesday December 7, 2010, starting at 10 am, at 2728 Capital Blvd, Rm 1A-224" was added.

Old Business

Orenco Systems, Inc: Modifications to Innovative Approval (Jason Churchill)

- Integral septic tank/pump tank application – three issues to resolve
- Issues/questions with the data, A question as whether the data collected by Orenco and submitted could be considered third party also there was a discussion as to whether the data analyzed from sewer collection systems is representative of individual septic tank systems as proposed in the application request
- LPP distribution/doses
- Effluent filter opening sizes
- Committee voted to send the data to the Section for review to determine if it is considered third-party data

EZ Flow, LP: Modifications to Innovative Approval

- Addition of 3 foot and 7 foot bundles to approval
- Committee voted to recommend approval of the addition of the 3 foot and 7 foot bundles of EZ-Flow

New Business

Advanced Drainage Systems: Modifications to Innovative Approval (Dick Bachelder)

- Addition of low profile chamber to Innovative Approval
- No structural testing with only 6 inches of cover was done
- Same louver design as ARC 36
- A motion was made by David Lindbo and seconded by Toney Jacobs to recommend approval of the application. After discussion, the vote was taken and the motion failed unanimously.
- A subcommittee was appointed to review the application in detail and consider additional information to be submitted as a result of the discussion.
- Project Manager – Bob Uebler, with help from Ishwar Devkota
- Subcommittee – Cory Brantley, Wayne Jones, and Harold Kelly

Infiltrator Systems Inc: (Ben Berteau)

- Looking to find out if the Committee is open to a discussion regarding the consideration of bottom area in the endcap to be given credit as part of the working area for the chambers (is it worth pursuing in North Carolina?). The committee was interested in seeing how other jurisdictions are handling this, but there did not seem to be overall support for this.

Update of I&E Applications

Clearstream Systems, Inc: Company has issue with battery back-up required in approval

- As long as approval keeps what American has, approval can move ahead for signature
- If company wants to discuss further, needs to go back to subcommittee
- Subcommittee – Cory Brantley, Wayne Jones, and Harold Kelly

CSI Pressure Bell – Intent to Suspend Innovative Approval was sent out the end of October

Infiltrator Systems, Inc

- Addition of Quick4 Plus Standard was approved at the October Commission meeting and added to Accepted Approval
- Quick4 Plus Standard still needs to be added to Innovative Approval
- EZ Flow 3 foot and 7 foot bundles were added to the Accepted Approval at the August Commission meeting
- EZ Flow 3 foot and 7 foot bundles still need to be added to Innovative Approval
- Controlled Demonstration Low Profile Chamber Approval was modified to add the following language in Section II.B “parent material, expansive clay mineralogy, unsuitable soil structure, restrictive horizon” based on what is current field practice
- Innovative approvals for chambers and EZ Flow need to be revised to reflect the current field practice of allowing shallow placement of trenches, as long as a 12” vertical separation is maintained as specified in .1955(m) and when there is at least 24” of provisionally suitable soil above any unsuitable condition.

Hoot Systems, Inc – Draft drip approval with new siting criteria is at company for review

Announcements

The next Committee meeting will be Tuesday January 4, 2011, starting at 10 am, at 2728 Capital Blvd. The Committee meeting scheduled for January 4, 2011, was cancelled and the next Committee meeting is scheduled for Tuesday February 1, 2011, starting at 10 am, at 2728 Capital Blvd, Rm 1A-224

Non-Committee Members in Attendance at Meeting

Dick Bachelder, Advanced Drainage Systems
Steve Barry, AQWA
Steven Berkowitz, On-Site Water Protection Section
Ben Berteau, Infiltrator Systems, Inc
Jason Churchill, Orenco Systems, Inc
Robert Crissman, Bord na Mona
Tim Crissman, On-Site Water Protection Section
Ishwar Devkota, On-Site Water Protection Section
Jack Harmon, Wastewater Systems of NC
Todd Harrell, Orenco Systems, Inc
Doug Lassiter, North Carolina Septic Tank Assn
David Lentz, Infiltrator Systems, Inc
Michael McCulley, Premier Tech
Kevin Neal, On-Site Water Protection Section
Lorrie Pocher, On-Site Water Protection Section
Nathan Primm, Advanced Drainage Systems
Mike Schreiber, Infiltrator Systems, Inc
Lee Starks, Advanced Drainage Systems
Michael Stidham, E-Z Treat
Bob Uebler, On-Site Water Protection Section
Sarah Wheeler, Soil Services, PLLC
John Williams, Porters Neck Projects
Tim Wood, Infiltrator Systems, Inc

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

These minutes were adopted by the Committee February 1, 2011.