

I&E Committee Meeting Notes  
August 4, 2009

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

The minutes from the June 2, 2009, meeting were approved.

Old Business

Ashtecs, Inc: Biokube Controlled Demonstration Application (Joe Walsh)

- Draft controlled demonstration approval has been reviewed by subcommittee
- Modify #15 in Section D. to reflect that the 7 day and 30 day readings will be stored on site in the panel, and that when the option is available, the data will be uploaded on a web page
- Modify #15 in Section D. to include or state approved equal for the remote monitoring system.
- Committee voted to recommend the Controlled Demonstration Approval with modifications to #15 in Section D as listed above, with Cory Brantley abstaining from voting

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

- Addition of the low profile chamber (8 inches high) to the Innovative Approval
- Approval has been revised to propose the low profile chamber at a foot for foot installation, no reduction
- Structural testing not completed yet, results will be forwarded to Section after the testing is completed
- Structural testing should be completed around the end of August, beginning of September
- Installation instructions for the chamber need to be provided by the manufacturer, including the endcap and splash plate information
- In Table VI, on page 10, for the LP chamber, the minimum trench depth needs to be changed to 14 inches, from 12 inches
- In Section V.c, a reference will be made to the NC design manual and the options for entering the chamber through the endcap
- Committee voted to recommend the addition of the low profile chamber to the Innovative Approval with the changes to Table VI and Section V.c, contingent upon receipt, review and approval from the Section Staff that all structural issues have been addressed for the chamber, endcap, and associated appurtenances, with Cory Brantley abstaining from voting

New Business

Infiltrator Systems, Inc: Modifications to Innovative Approval (Ben Berteau)

- Addition of a modified Quick4 Standard-W chamber
- Chamber has been modified to include a interior load-bearing integral support column located along the centerline of the chamber
- Structural testing not completed yet, results will be forwarded to Section after the testing is completed
- Structural testing should be completed around the end of August, beginning of September
- Committee voted to recommend the addition of the modified Quick4 chamber to the Innovative Approval, contingent upon receipt, review and approval from the Section Staff that all structural issues have been addressed for the chamber, endcap, and associated appurtenances, with Cory Brantley and Shankar Mistry abstaining from voting

Infiltrator Systems, Inc: Controlled Demonstration Application (Ben Berteau)

- New low profile chamber proposed to be installed at a depth of 20 inches
- Project Managers – Bob Uebler and Joe Lynn

- Subcommittee – Toney Jacobs, Cory Brantley, Wayne Jones, and Tom Konsler

Premier Tech Accepted Status Application (Bob Uebler)

- Application was received March 9, 2009, and was deemed substantially complete on July 15, 2009
- Commission is looking for input from County Health Departments regarding what conditions should be placed on their approval
- Commission is also interested in any issues, comments, etc the Committee has regarding this application

Status of I&E Applications

Infiltrator Systems, Inc – Update on EZ Flow 1201 Experimental Approval (Bob Rubin and Ben Berteau)

- Presented data from some of the site currently in the ground, showing that the ponding is similar to that of a gravel trench
- Would like to reduce number of sites from 20 to 15
- Committee would like to see trenches loaded to between 75% and 100% of design flow
- Company will come back with a proposal to reduce the number of sites and load some of the sites to design flow
- Committee can review by conference call or other method

American Manufacturing – should be ready in the near future

Aero-Stream, LLC – in subcommittee

Announcements

The next Committee meeting will be Tuesday September 1, 2009, starting at 10 am, at 2728 Capital Blvd, Rm 1A-224 (Division Training Room)

Non-Committee Members in Attendance at Meeting

Tom Ashton, American Manufacturing

Dick Bachelder, ADS

Steve Barry, AQWA

Steven Berkowitz, On-Site Water Protection Section

Ben Berteau, Infiltrator Systems

Doug Cline, DSI

Vic D'Amato, TetraTech

Ishwar Devkota, On-Site Water Protection Section

Bill Fenner, CES/Envirotech

Mike Hoover, NCSU

Chris Keiger, Bord na Mona

David Lentz, Infiltrator Systems

Ted Lyon, On-Site Water Protection Section

Lorrie Pocher, On-Site Water Protection Section

Bob Rubin

Bob Uebler, On-Site Water Protection Section

Joe Walsh, Ashtecs

Tim Wood, Infiltrator Systems

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

These minutes were adopted by the Committee October 6, 2009.