

I&E Committee Meeting Notes
May 8, 2007

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

The meeting notes from the March 6th, 2007 meeting were approved.

Old Business

Premier Tech (Mike McCulley, Mary Clark)

- Concerns about the range of motion and type of floats and the small size of the riser access for the pumps and floats were revisited
- Company provided a video showing the removal of the pump and float tree and access to the fittings for the pump and float tree
- Committee voted to include H1 in the Innovative Approval, and not H3 at this time
- Committee also recommended H3 to go Controlled Demonstration to determine the functionality of the floats and pump access opening
- A Controlled Demonstration approval would allow the company to demonstrate that the small pump access concerns can be overcome and do not pose a limitation to operation and maintenance of the H-3 unit.
- O&M and Inspection manuals, a specific protocol for pulling and installing the pump and floats, as well as checklists, will need to be created to help with the operation of the H3 model

Geoflow (David Price, Mike Fugate, Suzanne Dill, and Todd Harrell)

- A summary of the field site visit on February 27 was given by Steven Berkowitz, including the results of the data collected
- Company has agreed to keep the 1 ft/sec scour velocity currently in their approval, with the ability to go up to 2 ft/sec manually
- Minor changes to the approval include:
 - o Addition of 6-inch emitter spacing
 - o Re-word the phrase "at least 2 feet on center" to allow for closer installations as long as area requirements are met
- Committee voted to accept the draft approval with minor modifications, with Cory Brantley abstaining from voting
- Committee wants to review the final draft approval after the modifications have been made

New Business

Ring (Jeff Karl)

- Company is asking for a modification to their approval to allow for installations up to 60" trench depth (up to 48" cover)
- The deeper installations are for three models: EZ1003T, EZ1203T, and EZ1203H
- No length reduction is proposed as compared with a conventional system
- Subcommittee members – Everett Coates, Tom Konsler, David Lindbo, and Shankar Mistry
- Project Manager – Bob Uebler
- Dr. Uebler will be notified and will schedule the subcommittee meeting.

Mixed Trench Media (OSWP)

- Committee made the following recommendations to the OSWP Section in how to deal with mixed trench media systems
 - o No mixing of trench media will be allowed in a single trench or bed

- If more than one trench technology is to be used in a single system, each media type must be within a distinct trench segment and separated from other types of media with a solid dam and stepdown, or a distribution device.
- The procedure for bridging between different trenches with different media should follow what has been previously approved for tire chips
- Whenever more than one trench technology is used in a single system, there shall be no reduction in the required trench bottom area as compared to a conventional system.
- Repairs and system expansions should be done with best professional judgment

Updates

Tire Chips (Barbara Grimes)

- Currently have three NC Approved chip processors
- For the experimental bed approval, sites have been found in Cumberland County
- Have developed a QA/QC process for in the field
- Looking for recommendations from the Committee for how to stockpile tire chips
- Committee suggested that best management practices could be developed for tire chips, but to have prescriptive requirements beyond that for gravel with respect to stockpiling did not seem justified. The committee agreed to review any proposed protocol that would be developed.

Announcements

The next Committee meeting will be June 5, 2007, starting at 10 am, at 2728 Capital Blvd, Rm 1A-201

The Committee meeting for June 5, 2007, was cancelled and the next Committee meeting is scheduled for July 10, 2007, starting at 10 am, at 2728 Capital Blvd, Rm 1A-201.

Non-Committee Members in Attendance at Meeting

William Anthony, ADS/PSA
 Steven Berkowitz, On-Site Water Protection Section
 Mary Clark, Premier Tech
 Victor D'Amato, Arcadis
 Suzanne Dill, Geoflow, Inc
 Keith Dobie, F R Mahony
 Mike Fugate, Geoflow, Inc
 Todd Harrell, B B Hobbs Co
 Jeffrey Karl, Ring
 Mike McCulley, Attorney for Premier Tech
 Jim McSwain, Premier Tech
 John Payne, Bord na Mona
 David Price, Price Marketing
 Rob Roberts, Ring
 Steve Steinbeck, CPP, Inc
 Mike Stidman, E-Z Set Company
 Eric Valentine, American Manufacturing Co
 Bruce Withrow, Brunswick County Health Dept
 Tim Wood, Infiltrator Systems, Inc

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

These minutes were adopted by the Committee July 10, 2007.