

I&E Committee Meeting Notes  
December 5, 2006

Present at the meeting:

Tom Konsler, Chairman

Tim Bannister

Cory Brantley

Everett Coates

Toney Jacobs

Wayne Jones

David Lindbo

Shankar Mistry

Old Business

Ring

- Minor changes in language to include
  - o The type of backfill used must be noted and reported
  - o In Table 2, the column "Sizing Factor" will be changed to "Equivalency Factor"
  - o An additional step to determine the linear footage required when using the equivalency factor will be added under C. Sizing Criteria
- Committee voted to modify the Experimental approval with the above proposed changes
- Steven will make the language changes and electronically forward them to Tom Konsler and Ben Berteau for review
- After review by Tom and Ben, approval can go to Terry for signature

Norweco (Michael Price, by phone)

- The inlet tee shown in the drawing, North Carolina Influent and Effluent Sampling and Flow Measurement dated 11-30-06, will be removed and replaced with a straight pipe
- Influent sampling will occur in the first (pretreatment) chamber
- The access opening currently located over the first chamber will be moved back so that it is also over the outlet/transfer port from the first chamber
- A description will be provided in the operation protocol about how to take the sample
- Committee voted to approve the Controlled Demonstration Approval with the above changes and the seven changes as proposed by Steven in his December 4 e-mail.
- After the changes have been made to the approval, Steven will send electronically to the subcommittee members
- If the subcommittee has no comments, approval will be forwarded to Terry for signature
- If the subcommittee has any major concerns with final changes, will bring back to full committee

Infiltrator (Tim Wood and Kent Taylor)

- Only outstanding issue to be addressed from draft approval submitted by Infiltrator is the maximum trench depth

- Committee voted to accept the proposed modifications with the following change to paragraph e under Siting Criteria
  - o Removal of the sentence starting “Furthermore .... .1970.”

**12/15/2006 - UPDATE:** Upon further discussion following the meeting on 12/5/2006, it was evident that Infiltrator, through Dennis Hallahan, had agreed with the original language presented at the I&E Meeting specifying that systems installed from 48” to 60” would need to be either the High Capacity model or require pretreatment.

Committee members were e-mailed and updated with the additional information that had been received about the wording for the Infiltrator approval and the justification for it. The Chairman asked the Committee members to vote as to whether the sentence should be placed back in the approval or should be removed as initially vote.

All of the members that responded were in favor of putting the sentence back in if it was agreeable with Infiltrator.

#### **FINAL DECISION:**

Committee voted to accept the proposed modifications to the approval under paragraph e in Siting Criteria:

“Where required by soil or site conditions and approved by the local health department, chamber systems may be installed in lieu of conventional gravel trenches at depths deeper than 36 inches up to a maximum of 60 inches, as measured from the base of the gravel. There shall be no reduction in trench length compared to a conventional gravel trench as computed per Rule .1955 for chamber systems installed greater than three feet deep (sizing for all models shall be based on minimum excavated trench width in Table III, Section IVc of this Approval, without the application of an Equivalency Factor). Furthermore, for trench depths between 48 and 60 inches, only High Capacity models installed in a 36 inch wide trench shall be used, unless an advanced pretreatment system is used pursuant to Rule .1970. Deep installation details shall be in accordance with Infiltrator Systems North Carolina Design and Installation Manual, including special provisions to assure compliance with federal and state safety procedures for underground excavations.”

#### New Business

##### Geoflow

- Subcommittee members – David Lindbo, Cory Brantley, and Toney Jacobs
- Steven is to notify all I&E committee members of the field trip, so they may attend if they wish

##### I&E Policies and Procedures

- Change the two weeks notice to the committee members to the 15<sup>th</sup> of the month prior to the meeting
- Committee voted to adopt the policies and procedures with the above change

### Status of I&E Applications

#### Waterloo Biofilter

- Company is making changes and will be re-submitting in the near future

#### Amphidrome

- Subcommittee meeting will be held after the December I&E meeting

### Announcements

The next Committee meeting will be January 9, 2007, starting at 10 am, at 2728 Capital Blvd, Rm 1A-224

### Non-Committee Members in Attendance at Meeting

William Anthony, ADS

Steve Barry, AQWA

Steven Berkowitz, On-Site Water Protection Section

Victor D'Amato, Arcadis

Chris Keiger, Bord na Mona

Doug Lassiter, EZ Set Co

Mike McCully, Attorney for Premier Tech

Rob Roberts, Ring

Steve Steinbeck, CPP, Inc

Kent Taylor, Infiltrator System, Inc

Eric Valentine, American Manufacturing, Inc

Tim Wood, Infiltrator Systems, Inc

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

These minutes were adopted by the Committee January 9, 2007.