

I&E Committee Meeting Notes
September 5, 2006

Present at the meeting:
Tom Konsler, Chairman
Wayne Jones
David Lindbo
Toney Jacobs
Corey Brantley
Everett Coates

Old Business

Waterloo Biofilter

- Now have three subcommittee members (Shankar Mistry, David Lindbo, Everett Coates)
- Will contact Craig Jowett about if the company is asking for Innovative Approval for just the pretreatment unit or the pretreatment unit and the drainfield modification
- Will verify that the company is asking for approval for both the unit located in the shed and the tank

Committee members volunteered to help review draft pretreatment approvals, modified to reflect the new pretreatment rules (.1970)

New Business

Infiltrator

- Reviewed draft approval, specifically the wording “The maximum allowable trench depth for chamber systems is 60 inches.”
- Committee felt that without further information to warrant a system installation deeper than a conventional trench system of 36 inches (as specified in .1955(g)), that the chamber product should be held to the same maximum trench depth, with the 25% to 35% reduction
- Committee had questions about the lack of ET and air exchange as potential factors that could effect treatment and hydraulic performance at deeper than 36 inches
- Committee is fine with sizing systems equivalent to a conventional gravel trench at depths greater than 36 inches
- Provisions should be made on the deeper installations for a passive vent to the ground surface
- Proposed language to replace “The maximum allowable trench depth for chamber systems is 60 inches.” is “The maximum allowable trench depth for chamber systems is 36 inches unless the system is sized with the equivalent trench bottom area required for a conventional system.”
- Prior to recommending installations at deeper depths, the Committee would like more information regarding the research/studies on the chamber systems and the trench depths and percent reduction at which these studies were conducted
- A recommendation was made to modify Table III and add a column specifying the maximum installation depth for the different product models

- Problems have come up again regarding the louvers on the sidewalls of the Quick 4 products, specifically that the louvers are not open
- A sample of the product with the problem was brought to the meeting from the Orange County Health Department, the staff has noted anywhere from 15% to 25% of the louvers blocked by excess flashing material
- Committee agreed to have Chairman open discussions with the Section regarding the on-going problems with the Quick 4 product and the un-opened side louvers

Amphidrome

- F R Mahony presented the initial presentation for their product Amphidrome
- Some issues raised by the Committee to be evaluated further by the subcommittee include:
 1. The single compartment septic tank prior to the pretreatment system
 2. Minimum depth required for septic tanks used prior to the pretreatment system
 3. Due to the depths of the installations, installers will need to be trained to watch for possible pipe deflections
 4. Control panel used is not NEMA 4X rated
- Subcommittee was created - Toney Jacobs, Tom Konsler, and Wayne Jones

Status of Other Applications

ReCip – Incomplete

SCAT – Incomplete

Flow Tech – Incomplete

Norweco – Incomplete

The next Committee meeting will be October 3, 2006, starting at 10 am, at 2728 Capital Blvd, Rm 1A-224

The Committee meeting for October 3, 2006, was cancelled and the next Committee meeting scheduled for November 7, 2006, starting at 10 am, at 2728 Capital Blvd, Rm 1A-224

These minutes were adopted by the Committee December 5, 2006.