

**I&E Committee Meeting Notes**  
**April 1, 2014**

**Present at the meeting:**

Edwin Stott, Chairman  
Tim Bannister  
Cory Brantley  
Toney Jacobs  
Wayne Jones  
Harold Kelly  
Shankar Mistry

Introduction of New Chair: Edwin Stott (Environmental Health Director, Rockingham County)

Draft meeting agenda change: “Approval of Agenda and Minutes”, should read as follows:

- Approval of minutes for November 5, 2013 meeting
- Review of draft agenda: April 1, 2014

The meeting agenda (with the above edits) and the December 3, 2013 meeting minutes were approved.

**Old Business**

Infiltrator Systems, Inc. (ISI): Discussion of Quick4 Plus Standard LP chamber (CDWS-2010-1) Dave Lentz - Infiltrator Systems, Inc. (ISI)

- Purpose is to provide update on status of data gathering required under controlled demonstration
- Currently have a third party (Sarah Menser, LSS) doing fieldwork to gather data to show systems are working properly. Intend collect enough field data to make a decision on where this controlled demonstration should go in terms of moving from its current level to innovative. Hope to be able to provide third party findings update in May 2014 and present finding at the June 3, 2104 I & E meeting,
- Expecting to have about 80 systems monitored, there is a maximum of 200 systems to be installed under the approval, currently there are 140 OPs issued (per Tricia Angoli, OSWP)
- Concerns that there are customers/ landowners that may potentially be adversely impacted if this does not move to innovative status

Further discussion by the I & E Committee deferred to the May 6, 2014 meeting where the third party findings are reported

Orengo Systems, Inc.: Subcommittee Update AdvanTex® models AX20RT and AX25RT Steven Berkowitz – OSWP (Nick Noble via telephone)

- Subcommittee met, went to the field and looked at two sites in Orange County permitted by Division of Water Resources
- Believes that the models are fundamentally equivalent to the AX20 and AX25 models, respectively
- Concern about how to address TS-II standards not being consistently met

Nick Noble – The Mode 3 configuration has about a 20% increase in performance when compared with the Mode 1 configuration and may meet the TS-II Standard Total Nitrogen reduction of 60%

Steven Berkowitz – There may be a need to revisit TS-II levels

Subcommittee recommendation: Forward to the full Committee

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Motion: To recommend forwarding to the Section for Innovative Approval as proposed by Harold Kelly, Wayne Jones seconded; Aye - (Edwin Stott, Tim Bannister, Cory Brantley, Toney Jacobs, Wayne Jones, Harold Kelly, Shankar Mistry), Nay – None, Abstain - None

Tim Bannister – There are a few edits that need to be made that can be handled through email between the I & E Committee and the manufacturer.

Motion: To amend the previous motion to reflect that the proposal requires some edits and conversion to the new format before forwarding to the Section for Innovative Approval by Wayne Jones, Shankar Mistry seconded; Aye - (Edwin Stott, Tim Bannister, Cory Brantley, Toney Jacobs, Wayne Jones, Harold Kelly, Shankar Mistry), Nay – None, Abstain – None

Committee members are to submit suggested edits to Steven Berkowitz (OSWP) no later than April 7, 2014 to Steven Berkowitz (OSWP).

**New Business**

Infiltrator Systems, Inc. (ISI): Discussion of Endcap Credit Consideration      *Dick Bachelder - Infiltrator Systems, Inc. (ISI)*

- Purpose is to introduce the concept of considering the footprint of the endcap as part of the trench nitrification area for chambers to the I & E Committee
- Have not submitted an application for modification of the applicable approval
- Request to be put on the agenda for the tentatively scheduled May 6, 2014 I & E Committee meeting

**Other Business**

Lorna Withrow will send an email to I & E Committee regarding the remaining 2014 tentatively scheduled meeting dates. In particular, there are questions as to rescheduling the July and September dates.

Nancy Deal – proposed that I & E Committee meetings occurs no more than every two (2) months, beginning after the May 6<sup>th</sup> scheduled meeting.

Meeting schedule will be reviewed at the May 6<sup>th</sup> meeting.

**Status of Pending I and E Applications**

- Infiltrator Systems, Inc. (ISI): Amended request for modifications to Innovative Approval for the Quick4 Plus Standard LP chamber (IWWS-2010-R1); Approval is still within the Branch
- Orenco Systems, Inc.: Application for Innovative Approval for AdvanTex® wastewater system models AX20RT and AX25RT; Subcommittee has met and a decision is forthcoming
- Presby Environmental, Inc.: Application for Innovative Approval for Presby Advanced Enviro-Septic (AES) System; Subcommittee meeting date April 15, 2014

**Announcements**

The next Committee meeting will be Tuesday May 6, 2014, starting at 10 am, Cardinal Room, 5605 Six Forks Road, Raleigh, NC

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Non-Committee Members in Attendance at Meeting

Damon Hunley, ADS  
Tom Ashton, American Manufacturing Company, Inc.  
Sean McGuigan, Presby Environmental, Inc.  
Dick Bachelder, Infiltrator Systems, Inc.  
Dave Lentz, Infiltrator Systems, Inc.  
Todd Harrell, Orenco Systems, Inc.  
Tim Wood, Infiltrator Systems, Inc.  
Steven Berkowitz, OSWP  
Ishwar Devkota, OSWP  
Nancy Deal, OSWP  
Sushama Pradhan, OSWP  
Kevin Neal, OSWP  
Tricia Angoli, OSWP  
Lorna Withrow, OSWP  
Steve Barry, AQWA, Inc.

Meeting recorded by Joanne Rutkofske, OSWP