

The  
**ALTERNATIVE/EXPERIMENTAL WASTEWATER TREATMENT TECHNOLOGIES**  
**TECHNICAL REVIEW COMMITTEE (TRC)**

The meeting was held at  
Quonset Development Corporation Annex  
95 Cripe Street  
North Kingstown, RI

January 29, 2016

Draft Minutes

*Present:* Jim Boyd, Susan Licardi, George Loomis, Brian Moore and Dennis Vinhatiero

*Absent:* David Dow, Nikki Gladding, and Tim Stasiunas

*Others Present:* Matt Dowling, Tom Ferrio (Charlestown Wastewater Mgt Commission); Jennifer Cooper, Jose Amador (URI); Deb Knauss (DEM)

Call to Order: 8:46 AM

Materials Distributed:

- Draft Agenda for this meeting
- Draft Minutes of 12/4/15 meeting
- Approval for Roth Global Plastics, Inc. Monster D-box
- Three FAST systems' data *with leachfield type reported* (George has asked for field types to be identified. *No action required*)
- Three articles on contaminants of emerging concern and a set printed slides from a George Heufelder Barnstable County Department of Health presentation addressing treatment of CECs (just as an FYI on work that has been distributed by the NEIWPCC Groundwater Workgroup – *No discussion, no action required*)

**Review of Draft Minutes of December 4, 2015**

Minutes were reviewed. In the section reporting members absent, move “and” *from* after “Dennis” *to* before “Dennis”.

**Motion:** Jim made a motion to approve the minutes with the above correction.

**Second:** George seconded the motion

**Discussion:** There was no discussion.

**Vote:** All present voted in favor of the motion, except Dennis who wasn't at the meeting.

**Jennifer Cooper, URI PhD Candidate Presentation of Research Findings: Climate Change Effects on OWTS**

Jennifer presented her findings on the effects that climate change (increased temperature and sea level rise) can be expected to have on treatment of septic system effluent by pipe and stone leachfields and pressurized alternative drainfields.

**OWTS Rules Update**

Brian reported that the public hearing had been held. There was only one objection to the cesspool phase-out component and it is specific to recreational vehicle parks. A comment letter was submitted by the Rhode Island Builders' Association; DEM will respond to these comments.

**Consistency between DEM-approved official manuals and manuals distributed by vendors and distributors**

Although Deb obtained Brian's approval of a notice to email to technology vendors regarding the new effort to ensure use of DEM-approved design, installation and O&M manuals by RIDEM-licensed OWTS professionals, she has not contacted any of the vendors. It has been more time consuming than anticipated to account for the “version date” of the guidance on-file. In some cases it was submitted as hardcopy and is in the technology file and in other cases, the properties of a pdf file have to be consulted to establish the last revision date. Deb is still working on accounting for what DEM has so she can provide more specific direction to vendors.

**Permitting statistics summary for systems approved under 37.4.2(B)(i)**

Brian explained that all the vendors of systems approved under this Rule responded to Deb's email requesting that all data and other required reporting be submitted by January 11, 2016. There were some new data submitted, but they don't meet the criteria.

**University of Rhode Island's Optimizing Performance of Existing Onsite Wastewater Treatment Project**

URI provided performance information *as a range only*, to the service providers of systems that were found to be out of compliance, so they can make the necessary adjustments to improve performance. Sampling will continue according to the project schedule, and the efficacy of the adjustments will be evaluated.

George said that they would like Brittany Lancelotti to make her presentation on the results of this project to DEM and then afterward to the TRC. He and Deb will work out the schedule.

**AE Program Update**

No new applications have been received. The two Nitrex systems' monthly monitoring reported BOD exceedances similar to what might be considered "excursions".

**Next Meeting and Adjournment**

If there is no need to schedule a TRC meeting, other than for Brittany Lancelotti to present her research findings, the TRC could be invited to her presentation at DEM.

**Motion:** Jim made a motion to adjourn.

**Second:** George seconded the motion.

**Discussion:** here was no discussion.

**Vote:** All present voted in favor of the motion and the meeting adjourned at 10:34.