

Update on Onsite Wastewater Treatment Systems Expert Review Panel

Wastewater Treatment Workgroup
Conference Call—February 7, 2011

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Panelists

Name	Affiliation
Joyce Hudson	U.S. Environmental Protection Agency
Robert Goo	U.S. Environmental Protection Agency
Jason Baumgartner	Delaware Department of Natural Resources and Environmental Control
Derrick Caruthers	Delaware Department of Natural Resources and Environmental Control
Jay Prager	Maryland Department of the Environment
Joshua Flatley	Maryland Department of the Environment
Eric Aschenbach	Virginia Department of Health
Marcia Degen	Virginia Department of Health
Dave Montali	West Virginia Department of Environmental Protection
Rick Hertges	West Virginia Department of Health and Human Services
Kit Farrell-Poe	University of Arizona
John Buchanan	University of Tennessee
Randall Miles	University of Missouri
Jim Anderson	University of Minnesota
Mike Hoover	North Carolina State University
Sushama Pradhan	North Carolina State University
Jeff Moeller	Water Environment Research Foundation

Overview of First Panel Call

- January 20, 2012
- Objectives & panelists responsibilities
- Review Process
- Onsite systems in the model
- Proposed practices
- Next call – February 14

Documentation

- Set up subpanels
 - So can focus on different treatment types and factors
 - More efficient than asking panelists to read lots of documents
- Literature searches
 - Chesapeake Bay Executive Order literature search
 - Other previous literature searches
 - Small Flows Clearinghouse
 - Search of GRTS database

Questionnaire/Interviews

- All panelists (8 questions)
 - Request for additional documentation
 - Questions on trends and patterns in onsite systems types and installation locations
 - Factors affecting efficiencies
- State panelists (3 additional questions)
 - Guidelines/regulations
 - Tracking
- Since no representation from NY or PA on panel, would like to interview a person from each state

Onsite Systems for Panel Consideration

- The treatment practices suggested by the states to WWTGW are:
 - Shallow placed dispersal systems using gravity flow
 - Secondary treatment to shallow placed dispersal systems using gravity flow
 - Denitrification unit coupled with shallow placed, pressure dosed dispersal systems
- The treatment practices suggested by panel members are:
 - Sand mounds
 - Shallow drip technologies