

***West Virginia Sewage Advisory Board Meeting  
Flatwoods, WV – December 9, 2004***

***9:05AM- Meeting Called to order***

***Member Attendance-*** Paul Ashburn-Ashco-A-Corporation, Joe Eagle-Installer, Dave Watkins-WVDEP, Kirk Powroznik-WVBPH, Bill Clark-W.J. Clark Inc., Marvin Kerr-Installer, Larry Main-Brooke County Health Department, Todd Powroznik-Monongalia County Health Dept., John Perkins-WVDEP, Gary Epling, Steve Bayer-MOVHD, Stan Walls-Raleigh County Health Dept. Rick Hertges-Berkeley County Health Dept., Bill Rice-Homeowner Representative

***Guest Attendance-*** Evelyn Hopkins-WVDEP, Melisa Powers-WVDEP, Julie Cavender-WVDEP, Lorene Lindsay-Small Flows Clearinghouse, Linda Whaley-St. Alban's District, Joe Wyatt-OEHS. Dan Arnold-WVDEP

**MOTION- Stan Walls made a motion to accept the September 2, 2004 minutes, Dave Watkins seconded, All in favor, motion carries.**

***New Business:***

Joe Wyatt stated that they are still fighting personnel for Mark's replacement. He said they are trying to upgrade the position. They have been denied twice. He said they are sending another proposal and hope to have a posting soon.

Todd said he heard that there are people who may try to implement legislation now that Mark is gone, and there is no replacement yet for his position.

Melisa said that lot size reduction is what they are after.

Gary Epling made note that he was in attendance at the September 2, 2004 meeting.

**Eco-Pure Presentation**

Ed Festa, Len Moore, and Jeff Hasson gave a presentation on the Eco-Pure Biofilter Wastewater System. Ed Festa said that Eco-Pure has been around since 1999. Ed has been an installer for the last 25 years. He said their system is approved in Florida, Iowa, New York, and Pennsylvania, and they are seeking approval in West Virginia.

Len Moore said that their system has low overhead and is not Standard 40 approved. He said that they wait for invitations into states. He said the 300 Series Peat Moss Filter is performance based. It was implemented by the Florida Health Department. It allows for development on non-suitable sites. They require a yearly operating permit for the owner (\$50 dollars a year / 2 year permit). They require continuing maintenance. They are given consideration based on

performance.

Paul Ashburn asked if these systems are all subsurface discharge.

Len said “yes”.

Bill Clark asked, what do you mean by 100% waterproof?

Len said that the system does not have holes in the bottom for the effluent to drain in the soil. There is a collection system at the bottom that pipes the effluent to the adjacent drainfield.

Bill Clark said that peat is an aerobic unit. How does it get air?

Len said there are holes at the top.

Bill Rice asked if there were any other permits required.

Len said “yes”

Len said they have a 30% reduction in drainfield size. They use a lot of drip irrigation. They have a 50 foot setback from surface water.

Paul asked, what is your nitrogen reduction?

Len said it was 50-60%

They handed out literature about their system and asked for state approval.

### ***Old Business***

**Terra-Lift-** No information

**Product Verification Protocol-** Joe said the attorney said it cannot go as it is.

Dave Watkins said the Technical Review Committee (TRC) needs feedback, so they can fix it.

Paul asked what the TRC can do to help. He said the TRC will call a meeting.

Gary said this something that is needed for new technology.

Bill Clark said that Eco-Pure is not approved in Virginia, North Carolina, Kentucky, or West Virginia. They have not had the extensive testing. It's hard without the Product Verification Protocol to approve these systems.

*Other Old Business- None*

*New Business*

**Surface Discharge for Small Flows- Rick Hertges**

Rick said there needs to be a mechanism for alternative systems on new construction even though you can't get 3 foot separation. What can we do?

Paul said we have no mechanism for this on new construction.

Dave said that Product Verification Protocol is the answer.

Paul said there is some language that authorizes us to move forward with new technologies.

**Alternative System Training- Dave Watkins**

Dave said there needs to be specific training for these systems, so that sanitarians are all on the same page.

Linda said that the Board of Registration could require sanitarians to take specific training.

Bill Clark said that tremendous steps were made with the training workshop.

Paul said unless we have a mechanism in place we need to stick to the design standards.

Dave said that wasteloads for subsurface discharge with UIC permit. >3,000gpd are permitted by the state health department. The following information is required:

BOD	TSS	#People	Design Flow gpd	Nitrogen	Fecal
Coliform					

Dispersal Area (sq.ft.)	County	Average Rainfall	Nutrient Reduction
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The permit requires a management entity. The permit will be issued to the operator. If you have a UIC permit to issue contact the DEP for guidance. The state needs 4 copies and the DEP needs 4 copies. Disinfection and de-chlorination will be required.

Dave said that effective January 31, 2005 he will be retiring from the DEP. He recommended Dan Arnold as his replacement.

**Perc Testing- Bill Clark**

Bill asked if there were other methods of doing a perc test. He said he had a difficult time at a job site when he went to dig a 6 foot hole. He said the Department of Transportation and the Department of Labor wanted to do an audit. He said the State of Maryland does a 30 minute perc test. Could we make this a possibility? He said there are too many counties doing different things. He said we need one set standard, a simpler one. We need other options.

Joe said it would take a rule change.

It was suggested that training for sanitarians for certain items should be required.

**Motion- Bill Clark asked members to contribute something on e-mail about the perc test for the next meeting. He will get information about the Maryland Perc Test. Paul seconded. All in favor. Motion carries.**

### ***HOT TOPICS***

Todd asked can we require 10,000 sq.ft. reserve area or is it system and replacement?

It was stated that two attorneys commented on this and that neither requirement supercedes the other. You can still require 10,000 sq.ft.

Melisa stated that NSF has not responded to letters asking for distributors and installer requirements.

Paul said that he has seen a 50 home community with failing systems request 50 HAU's.

John stated that we do not want to do that. They are looking for other alternatives.

John stated that HAU surface discharge for failing systems will usually be approved. He said on new construction make sure to apply for the wasteload prior to the application. This way you are assured to get approval. He said HAU's take 2 to 3 weeks for processing.

**Next Meeting date will be March 16, 2005 at Flatwoods Days Inn.**

**Motion- Bill Clark made a motion to adjourn the meeting. Dave seconded. All in favor. Motion carries.**