



**Technical Guidance Committee
Teleconference**

Minutes

May 26, 2010

**Department of Environmental Quality
Conference Room: D
1410 N. Hilton
Boise, Idaho**

ATTENDEES:

Joe Canning, P.E., B&A Engineers (1:00pm – 4:00pm)
Bob Erickson, Senior Environmental Health Specialist, South Central Health District (SCPHD)
David Hatt, Onsite Wastewater Coordinator, Department of Environmental Quality (DEQ)
George Miles, P.C., Advanced Wastewater Engineering (Teleconference)
David M Loper, Environmental Health Director, Southwest District Health Department (SWHD)
(9:00am – 2:00pm)
Mike Reno, Environmental Health Supervisor, Central District Health Department (CDHD)

ABSENT:

None

GUESTS:

Barry Burnell, Water Quality Administrator, Department of Environmental Quality (DEQ)
Richard Huddleston, P.E., Wastewater Program Manager, Department of Environmental Quality (DEQ)
A.J. Maupin, P.E., Wastewater Program Engineer, Department of Environmental Quality (DEQ)
David Lowe, Onsite Sewage Specialist, H.D. Fowler Company
Allen Worst, R.C. Worst & Company
Matt Gibbs, Infiltrator Systems



Meeting called to order: 9:10am

- TGM Routing checklist:

Rick Huddleston, DEQ wastewater manager presented the TGM Routing Checklist for the Technical Guidance Committee to review and comment on. The checklist was created to eventually streamline the process when reviewing items for future inclusion into the technical guidance manual, and increase the review process to allow time for interested parties to review proposed Guidance.

ROLL CALL:

- Introduction of committee members, guests and attendees
 - A new member to the committee David M Loper is introduced. David will fill the Environmental Health Director's chair on the committee.

- TGC meeting minutes:

November 4, 2009 meeting minutes

Motion: Mike Reno motions to accept minutes as presented.

Second: Bob Erickson

Voice Vote: Motion carried unanimously.

Minutes will post as final.

- Subcommittee Update:

AJ Maupin DEQ Wastewater Engineer presented an update to the Technical Guidance Committee, on the progress of the phosphorus study. AJ also provided an update on the committee charged with evaluating current setback distances to permanent surface waters.

UNFINISHED BUSINESS:

- 2.4 Evaluating Fill Material Guidance (Weathered Fill)

Fill section approved by the committee July 2008, resubmitted to the Committee for further comment. TGC agreed to look at the draft again, and comment within a week if any significant changes need to be made.



- **Installers Tests:**

Coordinator presented to the committee an update on the status of the installer's tests.

PRODUCT REVIEW:

- **ETV vs. NSF Certification:**

TGC discussed the difference between ETV testing and NSF testing, both are third-party tests with the main difference between the two; NSF will test ETFS units with higher gallons per day, processed Effluent; while ETV will test units below the NSF limit. The Bio-Microbics RetroFAST[®] and the Bio-Barrier[®] MBR treatment units include models that process 400gallons/day, or less.

Motion: Mike Reno motions to accept approval of the RetroFAST[®] unit through the ETV process with the requirement that a pretreatment tank is installed preceding the unit.

Second: George Miles

Voice Vote: Motion carried unanimously.

- **ETV Environmental[™] - ECOPOD-N[®]:**

Request for approval of the Echo pod and withdrawn until further testing is provided.

- **Netafim USA – Continuous flush subsurface drip dispersal system:**

David Lowe representative for Netafim USA is seeking approval from the TGC for a continuous flush subsurface drip dispersal system. Some TGC members have concerns about the designs capability to maintain constant pressure and disperse evenly throughout the field using continuous flush. The TGC tabled approval and further guidance development to allow for pressure tests at different sites, to show constant pressure can be maintained during the operation of the continuous flush subsurface system. Two independent stakeholders will perform the tests with third-party verification present.

NEW BUSINESS:

- **TGM Chapter 2 Soils and Ground Water**
 - Sampling protocol
 - Soil texturing and classification
 - Soil testing methods
 - Percolation tests
 - Ground water observation ports



- Landforms - Illustration of Basic Landforms for Sighting Drain Fields

Coordinator gained approval from TGC to move forward with updates to chapter two: soils and groundwater of the Technical Guidance Manual. Coordinator will work with DEQ lead wastewater engineer and soil scientist to present to the TGC at a later meeting. TGC also provided technical input for the items listed on the agenda for chapter 2.

NEXT SCHEDULED MEETING:

Next meeting August 11, 2010

ADJOURN:

Meeting Adjourned