



State of Idaho
Department Of Environmental Quality
Technical Guidance Committee

**Technical Guidance Committee
Teleconference**

Minutes

Wednesday, July 20, 2011

**Department of Environmental Quality
Conference Room "F"
1410 N. Hilton
Boise, Idaho**

ATTENDEES

Joe Canning, P.E., B&A Engineers

Bob Erickson, Senior Environmental Health Specialist, South Central Health District
(Teleconference)

David Hatt, Onsite Wastewater Coordinator, Department of Environmental Quality (DEQ)

David Loper, Environmental Health Director, Southwest District Health Department
(Teleconference)

George Miles, P.C., Advanced Wastewater Engineering (Teleconference)

Mike Reno, Environmental Health Supervisor, Central District Health Department (Teleconference)

ABSENT

None

GUESTS

Barry Burnell, Water Quality Division Administrator, DEQ

A.J. Maupin, P.E., Wastewater Program Engineer, DEQ

Ryan Spiers, Spiers Construction-Bio-Microbics Fast Systems

Allen Worst, R.C. Worst & Company (Teleconference)

Sarah McCormick, Idaho Water Users Association

Meeting called to order: 9:35 a.m.

ROLL CALL

- Introduction of committee members, guests and attendees.



TGC MEETING MINUTES

March 15, 2011 meeting minutes

Motion: Joe Canning moved to accept the minutes as presented.

Second: Bob Erickson.

Voice Vote: Motion carried unanimously.

Minutes will post as final.

SUBCOMMITTEE UPDATE

- **Drainfield to Surface Water Setback**

AJ Maupin updated the Technical Guidance Committee (TGC) on the subcommittee's activities. The subcommittee has not held a meeting since before the last TGC meeting. Work has been ongoing trying to find and analyze additional soil samples. Six (6) samples, collected by Gary Stevens in the Coeur d'Alene Regional Office, were identified. These samples came from the area surrounding Coeur d'Alene Lake. Gary already had these samples' isotherms analyzed at Washington State University. We were able to get them analyzed for the iron (Fe), aluminum (Al), and residual phosphorus (P) at the University of Idaho soils lab using the same methods employed for the 6 samples previously evaluated by the subcommittee. The goal is to see if there is a correlation between the isotherms and the soil's metal content. Mike Cook has been evaluating the data. Mike is also looking at this in conjunction with Rapid Infiltration (RI) basin use for ground water recharge under the Recycled Water Permit Program. For that program, Mike has looked at the various soil horizons at a site and how they can be used to permanently capture the phosphorus. The phosphorus adsorption in the upper soil horizons is modeled to saturation. Phosphorus application is then stopped. Desorption from the upper soil horizons is then captured by the lower soil horizons, restricting the phosphorus transport to the soils above the ground water. AJ will be discussing the concept with Mike in the future. AJ anticipates that the subcommittee will have another update at the next TGC meeting.

Action Item: Add this topic to the next TGC meeting agenda.



OLD BUSINESS

- **4.30 Drainfield Remediation Components**

David informed the committee that this document was added to the Technical Guidance Manual (TGM). Committee members including input from the EH Directors recommended additional edits and language to the document.

David Loper said that Conditions of Permit Issuance were discussed at the last Environmental Health (EH) Directors' meeting. The EH directors would like to specify that a "tank only" permit may be issued. The TGC decided to keep the language in the TGM generic, and the EH districts will specify which permit to issue in their SOP. The health districts will need to be consistent with how they deal with this issue.

Bob Erickson asked if DEQ has looked at and approved the proprietary bacteria used in these devices. Barry Burnell confirmed that DEQ has approved them.

The committee reviewed the remainder of the document and made edits as needed.

Motion: David Loper moved to accept all edits made to the document.

Second: Joe Canning.

Voice Vote: Motion carried unanimously.

Action Item: David Hatt will make the approved edits to the document and distribute it to the TGC for final approval.

- **2.4 Evaluating Fill Material Guidance (Weathered Fill)**

Due to time constraints the TGC voted to place the Fill Guidance onto next meeting's agenda.

Motion: Joe Canning moved place the Fill Materials guidance on the next meeting agenda.

Second: David Loper.

Voice Vote: Motion carried unanimously.

Break 10:40 a.m. to 10:55 a.m.



NEW BUSINESS

- **4.7 Drip Distribution System**

- Continuous Flush

The committee reviewed “4.7 Drip Distribution” and they made edits to the document as needed.

Motion: George Miles moved to allow public comment at the opening of discussions.

Second: Mike Reno.

Voice Vote: Motion carried unanimously.

Allen Worst suggested changes to the document for the TGC to consider.

Motion: George Miles moved for the committee to ask DEQ to investigate Washington’s rules and regulations involving drip systems not utilizing pre-treatment and for DEQ to provide recommended language to the TGC.

Second: Bob Erickson.

Voice Vote: Motion carried unanimously.

Motion: Joe Canning moved to accept all edits made to the document.

Second: George Miles.

Voice Vote: Motion carried unanimously.

Action Item: David Hatt will make the approved edits to the document and distribute to the TGC for final approval.

- **AM Product Review**

- **Advanced Enviro Septic**

Advanced Enviro Septic is requesting to be classified as an advanced treatment unit.

Motion: Joe Canning moved to deny the approval of this system because it does not meet the definition of an extended treatment package system.

Second: Mike Reno.

Voice Vote: Motion carried unanimously.



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OPEN DISCUSSION

Committee members will review “Fill Guidance” and discuss at the next meeting.

NEXT SCHEDULED MEETING

Date: Thursday, October 27, 2011

Time: 9:00 a.m. – 4:30 p.m.

Location: DEQ State Office, Conference Room: A, Call Bridge #3

ADJOURN

Motion: George Miles moved to adjourn the meeting.

Second: Mike Reno.

Voice Vote: Motion carried unanimously.

Meeting Adjourned at 12:30 p.m.