



Technical Guidance Committee

Minutes

August 01, 2008

Department of Environmental Quality
Conference Room A
1410 N. Hilton
Boise, Idaho

Attendees

AJ Maupin, Wastewater Engineer, Idaho Department of Environmental Quality (DEQ)
Mike Reno, Environmental Health Supervisor, Central District Health Department (CDHD)
Steve Pew, Environmental Health Director, Southeastern District Health Department
Joe Canning, P.E., B&A Engineers
Bob Erickson, Senior Environmental Health Specialist, South Central Public Health District
David Hatt, Onsite Wastewater Coordinator, DEQ
Belinda McFarland, Wastewater Administrative Assistant, DEQ

Absent

Roger Albright, Complex Installer, RH Albright Construction

Guests

Scott Saunders, Western Regional Manager, Infiltrator Systems
Matt Gibbs, Infiltrator Systems
Barry Burnell, Water Quality Division Administrator, DEQ
Jason Peppin, Senior Environmental Health Specialist, Panhandle Health District
Rob Howarth, Environmental Health Director, CDHD
Larry Jeffres, Marketing Director, R.C. Worst & Co.
Allen Worst, Vice President, R.C. Worst & Co.
Keith Spires, Alternative Wastewater, Bio-Microbics Distributor
Paul Flynn, Director for Production and Field Services, Bio-Microbics

Technical guidance committee (TGC) called to order

New Business

Evapotranspiration System Section

TFS-31 is a typo, change to read TFS-6.

Motion: Steve Pew motions to change TFS-31 to TFS-6.

Second: Joe Canning

Voice Vote: Motion carried unanimously.



Product Approval

EZflow

EZflow (Ring Industrial) requests removal of the notations identified by the number two and the asterisks from the gravelless trench components table currently found on page 78-3 of the Technical Guidance Manual (TGM). ***EZflow*** has not demonstrated that their product will satisfy IDAPA 58.01.03.008.07, which requires trench cover throughout by an approved material.

Request from EZ flow to allow a single 1-foot wide 1201P or 1201P-Geo, placed into a 3-foot wide trench and apply the 25% reduction for a 3-foot wide design. This request still does not satisfy rule where the absorptive area is the surface area at the bottom of the trench.

Motion: Mike Reno motions to deny the requests submitted by EZ Flow.

Second: Joe Canning

Voice Vote: Motion carried unanimously.

Norweco TNT

Motion: Bob Erickson motions to approve the Norweco TNT with a total nitrogen reduction requirement of 32 milligrams per liter (mg/L). Any future nitrate reductions will require 10 units to be installed, monitored, and then brought back to the TGC for review.

Second: Joe Canning

Voice Vote: Motion carried unanimously.

Motion: Joe Canning motions for removal from the TGM of the Norweco Recirculating Unit found in Table 1, Best Practical Methods for Onsite Wastewater Systems.

Second: Mike Reno

Voice Vote: Motion carried unanimously.

Delta Ecopod

Motion: Mike Reno motions to approve the Delta Ecopod with a total nitrogen reduction requirement of 32 mg/L. Any future nitrate reductions will require 10 units to be installed, monitored, and then brought back to the TGC for review.

Second: Bob Erickson

Voice Vote: Motion carried unanimously.



Aquaworx Remediator™

Scott Saunders and Matt Gibbs from Infiltrator Systems present to the TGC. TGC members discuss at great lengths whether or not the Aquaworx Remediator™ qualified as a product for review or was simply a process and did not need TGC review and approval. The TGC did not take a position to approve or deny the product.

DEQ will make a determination in the future.

Motion: Joe Canning motions for the TGC to take a neutral position and neither approve; nor disapprove the Aquaworx Remediator™. However, if it is installed in the state, a requirement should be enacted for an effluent filter to be installed.

Second: Mike Reno

Voice Vote: Motion carried unanimously.

Sizing Guidance for Trophy Homes and Luxury Cabins

Discussion among TGC members regarding the issues surrounding the sizing of drain fields for trophy homes and luxury cabins. The result of the discussion was to gather more information and to begin the process of developing guidance for the TGM.

Phosphorus Inputs for Nutrient-Pathogen (NP) Studies

The TGC and guests discussed in great length the issues and concerns surrounding phosphorus. Currently no third-party testing for phosphorus is available. Some preliminary testing of effluent samples by an extended treatment distributor has been submitted for review; the testing shows some reduction in phosphorus levels.

DEQ has offered to collaborate with the private sector and create a statewide phosphorus-testing program. The goal is to identify the levels of phosphorus going to the drain field for standard and extended treatment systems. The testing results may be beneficial in determining setbacks to permanent surface waters and future development of NP guidance.

Motion: Steve Pew motions to table the request from Bio-Microbics for a 40% phosphorus reduction and gather data from the state-directed phosphorus study and the TGC to make a recommendation at a later date.

Second: Bob Erickson

Voice Vote: Motion carried unanimously.

Surface Water Setbacks

Allen Worst of RC Worst & Co. presents a proposal to reduce drain field setbacks from surface waters. The TGC would like time to review the handout from Allen Worst and discuss it at the next TGC meeting.

Meeting Adjourned 3:08pm