



## Technical Guidance Committee

### Meeting Minutes

#### December 18, 2008 Conference Room D

Attendance: Mike Reno, Steve Pew, Joe Canning, George Miles, David Hatt, Belinda McFarland and Bob Erickson – teleconferenced in.

Welcome new TGC member George Miles.

TGC to have a total of four meetings for 2009; early February and late July to be teleconference meetings and late March and early October for face to face meetings. Next face to face will be March 17, 2009.

Past Meeting Minutes for Review, Amend, Approve or Table:

TGC reviewed the March 13, 2007 draft meeting minutes. TGC voted to approve draft minutes as written except, the “ASTM C-33 filter sand quality” section was sent to Mr. Maupin to gather information on changes to the recommended percent allowable to pass through a #100 and #200 sieve. AJ Maupin will contact Mr. Bounds and Mr. Converse to seek their recommendations. Mr. Maupin will then submit the findings back to the committee at a later date for approval.

March 13, 2007                      Motion by Mike Reno: “**Approve** minutes with change to be added by AJ with regard to obtaining information from Mr. Bounds and Dr. Converse.”

2<sup>nd</sup>:     Bob Erickson                      Vote: Unanimous

July 31, 2008                      Motion by Steve Pew: “**Approve** minutes as written”

2<sup>nd</sup>:     Joe Canning                      Vote: Unanimous

TGC reviewed the August 1, 2008 draft meeting minutes. TGC voted to approve draft meeting minutes, but sent them back to Onsite Coordinator to edit spelling and punctuation.

August 1, 2008                      Motion by Joe Canning: “**Approve** minutes as written, once edited for spelling and punctuation”

2<sup>nd</sup>:     George Miles                      Vote: Unanimous





Motion by Mike Reno: “**Table** Pressure Distribution to the next TGC meeting and TGC will review and send in comments to DEQ by January 15, 2009”

2<sup>nd</sup>: George Miles

Vote: Unanimous

### Setbacks to Surface Waters

TGC, Larry Jeffries (Guest), and Barry Burnell (WQDA) discussed the history and the issues surrounding setbacks to surface waters and possible solutions that may abate some of the concerns of phosphorus entering surface waters.

Some of the possible solutions introduced during the discussion

- Look at the definitions of intermittent and permanent surface waters and determine if the terms may need to be revised or clarified.
- Look at TMDL targets and NP guidance.
- Investigate technologies that may have developed since 1985 when the setbacks were adopted. Suggested technologies were;
  - ◇ Drip tubing has the advantage to be installed in the root zone for nutrient uptake.
  - ◇ Phos-rid, a system in development, capable of phosphorus removal.
  - ◇ Lagoons, ET systems
- Design criteria that may be employed
  - Increase linear loading rates (double the field size)
  - Pressurize drain fields
  - Split drain fields into zones and put on a dosing cycle.
  - Create minimum criteria for gravelly soils.
  - Use breakthrough analysis.

Action Item: Barry Burnell and the Wastewater Program Staff – Create draft setback guidance for surface waters and present to the TGC by March 17, 2009.

### Sampling Protocol update

Mike Reno, TGC Member, and David Hatt, Onsite Coordinator, are still receiving information from the operation and maintenance service providers. The goal is to have all the sampling protocols submitted and information compiled by the next TGC meeting.

Further action will be taken by the Onsite Coordinator in the form of a third letter or phone conversations with the O&M service providers.



### Phosphorus Inputs for NP Studies update

Onsite Coordinator to develop QAPP and coordinate with the Health Districts, Regional Offices, and O&M service providers during the winter and spring of 2009. Data gained from the sampling will be used to quantify phosphorus effluent levels from septic tanks and advanced treatment units. Results will be used for NP Guidance as it pertains to phosphorus and help in developing guidance for setbacks to surface waters.

### Luxury Cabins/ Trophy Homes

Discussion - No action taken, Onsite Coordinator will work on developing draft guidance for the TGC to review in March.

### Non-Conforming Permits for Substandard Size

Motion by Steve Pew: “**Approve** Non-Conforming Permits for Substandard size lots Policy as written July 31, 2008 – Attachment M with grammar corrections”

2<sup>nd</sup>: Joe Canning

Vote: Unanimous

### ETPS Revised Testing Requirements / Enforcement

Discussion centered around the history and background for the sampling requirements of ETPS systems, and the justification for requesting a change to the annual requirements from a 30mg/L TSS and 30mg/L BOD; to a 40mg/L TSS and 45mg/L BOD. TGC agreed to approve the changes to the annual testing requirements.

Motion by George Miles: “**Approve** 40/45 for TSS and BOD with an average of 30/30”

2<sup>nd</sup>: Steve Pew

Vote: Unanimous

Discussion centered on enforcement actions for O&M entities with systems out of compliance. What will trigger an enforcement action from DEQ to suspend an O&M for non-compliance? What is a reasonable timeframe for enforcement? What steps are presented to O&M to come into compliance before suspension?

TGC agreed to call together the task force that developed the initial flow chart and look at possible revisions.

Motion by Mike Reno: “to have ETPS Task Force to reconvene and come up with new flow chart to present to the TGC at the next meeting.”

2<sup>nd</sup>: George Miles

Vote: Unanimous



Action Item: Onsite Coordinator will send out a letter to the O&M service providers informing them that their reporting date has changed from January 31 to July 1, 2009.

Question from the field on separation distances from pressurized effluent lines to a public water main or water line. The result of the discussion was to do a policy review within DEQ and bring the decision back to the next TGC meeting for review.

Next meeting is a teleconference meeting scheduled for February 4, 2009 at 9:00am.

4:00pm Motion by Mike Reno: “**Adjourn**”

2<sup>nd</sup>: Steve Pew Vote: Unanimous