

## **Barr Lake/Milton Reservoir Watershed Association**

**Technical Committee Meeting**  
**Thursday, March 24th, 2011 (9:00am – 11:00pm)**  
Metro Wastewater Reclamation District, Denver

### **MINUTES**

Technical Committee Meeting – 3/24/11

**In attendance:**

Laurie Rink – Farmer’s Reservoir & Irrigation Company (FRICO)  
Steve Lundt – Metro Wastewater  
Linda Boyle - Aurora  
Joe Padila – DOW  
Richard Archer – ARRA Environmental  
Al Polonsky – City and County of Denver  
Michelle Seubert – Barr Lake State Park

**Guests:**

Amy Conklin – BMW

**Meeting Minutes**

Meeting minutes from the Feb. 24<sup>th</sup>, 2011 Technical Committee meeting were approved by acclamation.

**Committee Ground Rules**

The Chair reminded the group that when the Technical Committee formed in 2005, they developed a set of ground rules that included the prohibition of anyone serving on the Technical Committee from responding to any RFP the committee might send out. Steve Lundt reminded the group now because there may be an RFP developed before the end of the year.

**1. Updating BMW WQ Database in 2011**

- a. 2006-20010 Data request – Steve Lundt presented a draft of a letter requesting updated data to be used to update the BMW database so the TMDL model can be re-run with more recent information. Amy Conklin had suggested some additions to the letter that the group agreed to. Steve Lundt also presented a spreadsheet which summarizes the entities we will request data from and the types of data each entity has provided. The spreadsheet also contains a page where receipt of data can be tracked. Laurie Rink will assist in tracking the data as it comes in and she will also assist in preparing the Request for Proposals for the modeling effort in the future. Steve Lundt will prepare the letters and send out the requests. **Amy Conklin** will revise the letter to include examples of anecdotal biomass harvesting information collected by MS4s for reporting purposes.

2. **State's 303(d) data request, Regulation 93 Deadline April 12<sup>th</sup>** –Steve Lundt shared a notice from the CDPHE requesting state wide data regarding 303 d list process. BMW doesn't send in specific data but each of the entities probably send in their own data. FRICO will send in their data and Metro will send in theirs, etc.
3. **Limnocorral Study Plan Update**
  - a. Discussion – Steve Lundt reviewed the current draft of the study plan for the limnocorrals. Because of the uncertainty about getting a permit to apply alum in the limnocorrals the group discussed an alternative to the study plan that wouldn't require addition of alum. The group decided to just use aeration in the limnocorrals if an alum application permit could not be obtained. Laurie Rink reported on her latest conversations with CDPHE staff. The group reviewed that the corrals were proposed to be placed near the dam because it is deep enough there and because it is near a source of electricity.
  - b. DOW thoughts or ideas (Joe Padia) – Joe Padia from the Colorado Department of Wildlife has reviewed the plan and doesn't anticipate a negative impact to the fish in the lake. He cautioned that we should be prepared to use a lot of sternly worded signage as fishermen were likely to cast into the corrals and possibly rip the material. He suggested we emphasize that there are no fish in the corrals, possibly using the words 'chemistry study'. The group is preparing a brochure that can be handed out to all boaters when they stop for inspection. Richard Archer offered the use of his underwater camera. Michelle Seubert offered to work with the South Metro Dive Team.
4. **In-canal Treatment Options** – Richard Archer presented information he researched about removing nutrients in the canals feeding Barr Lake and Milton Reservoir. Burlington, BB and Platte Valley canals are the most likely candidates for treatment. His proposal uses deep, settling ponds immediately upstream of Barr Lake and Milton Reservoir. His calculations were that in-lake compliance for pH and phosphorus could be achieved for about \$6.2 million. The group discussed the possibility of conducting a pilot study of the treatment on a new diversion called the Beebe Pipeline.
5. **Sampling Plan Update (FRICO and Metro)2011** – Laurie Rink and Steve Lundt reported about reductions in sampling plans for FRICO and Metro. Some parameters (e.g. Mb and Zn) have never been detected so are being dropped from the list of Metro's analytes. Horse Creek and Prospect Lakes are difficult to monitor in winter because of ice so winter sampling is being scaled back. Metro will continue monitoring the two lakes but only 6 to 7 times per year.

FRICO will not continue monitoring Horse Creek and Prospect Lakes because Henrylynn Irrigation Company is backing out of FRICO's sampling program. FRICO will no longer monitor the Burlington Canal Headgate because Thornton does. Monitoring of the Platte Valley Headgate is also being discontinued. SPCURE may have a site they monitor bi-weekly near the Platte Valley Headgate. Metro monitors a site near the Burlington Canal Headgate.

Al Polonsky reported that Denver has just started monitoring it's reservoirs. The goal is to sample every major lake or pond between July and August. They may be trying bacterial

applications on a few of the lakes and monitoring the results. Al will be preparing a Summary Report of Denver's lakes and ponds water quality.

- 6. Statewide Water Management Plan** – The group discussed whether BMW should prepare comments on the 208 Planning document prepared by CDPHE. FRICO is considering submitting comments stating that 3 of the 4 uses (not just 1) are impaired by pH. One of the concerns about the document is in how miles and acres of impaired water are calculated. Milton Reservoir may not be listed at all. The group concluded that there is no need for official comments. The use of the document is unclear and it would be an overwhelming task to try to correct all the errors in the document.

**7. TMDL Implementation Updates as Needed**

- a. Canal Treatment (Richard Archer/FRICO)
- b. Stormwater Options (Al Polonsky/Terry Baus)
- c. NPS/Ag. (Linda Boyle)
- d. WWTP upgrades (Amy Woodis)
- e. Internal Loading Treatments (Richard Archer, Steve Lundt, FRICO)
- f. Other (Burlington Pumps Update – Kelly DiNatale)
- g. Michelle Seubert reported on the park fee discussion with Park Rangers. Scott Roush from Chatfield said they are pursuing a fee now. Michelle will follow up with Scott Roush.
- h. Linda Boyle reported that the Farm Bill is being revised by Congress and she will be tracking its progress.

**8. Next Meeting**

The next Tech. Committee meeting will be April 28<sup>th</sup>, 2011, 9am to 11am at Metro.

The meeting was adjourned by acclamation.