

# Barr Lake/Milton Reservoir Watershed Association Annual Meeting, BBQ, and TMDL Celebration

Tuesday, September 26, 2017

Barr Lake State Park Nature Center

9:30 a.m. – 1:00 p.m.

## Draft MINUTES

### In attendance:

James Boswell, City of Thornton  
 Steve Lundt, Metro Wastewater Rec. District  
 Sarah Reeves, SPCURE  
 Michelle Seubert, Barr Lake State Park  
 Shelley Stanley, Big Dry Creek WA  
 Linda Chynoweth, City of Aurora  
 Keith Pass, DIA  
 Juliana Archuleta – Adams County  
 Mary Dawson – City of Aurora  
 Jill Piatt-Kemper – City of Aurora  
 Charlene Seedle – S. Adams  
 Roy Wardell – Pelican Lake Ranch  
 Chris Douglass – ECCV  
 Dan DeLaughter – L/E

Jordan Parman – Metro  
 Michelle Neilsen – Metro  
 Jillian Taylor – Metro  
 Erica Wenzel – BMW Intern  
 Hope Dalton, L/E  
 Donny Roush – Denver  
 Derek Sowell – Haven Sporting Club

### Guests:

Amy  
 Conklin,  
 BMW  
 Coordinat  
 or



The Annual Meeting began with a boat ride out to look at the lake.



### **Introductions and Welcome –**

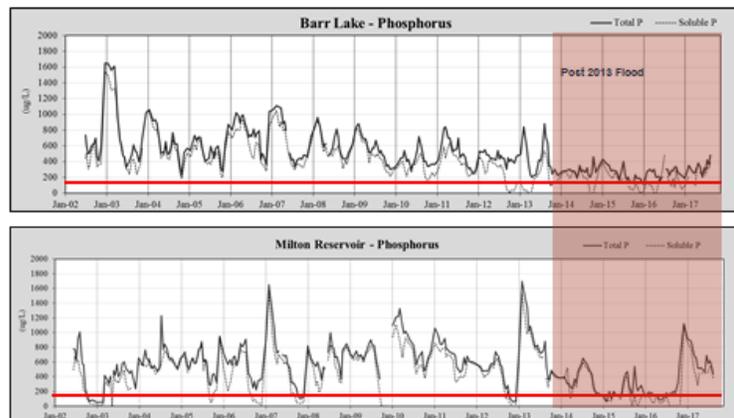
Amy welcomed everyone to the meeting and everyone introduced themselves. Then they went out to the back deck to see the latest BMW purchase – a poop balloon.

### **BMW Water Quality and Recreation Update – Steve Lundt**

presented historical information on water quality in both Barr and

Milton. The data indicates that water quality in the lakes improved after the Burlington pumps were no longer used to pump effluent directly into the Burlington Canal. As the inflows to the Burlington Canal came exclusively from the South Platte River, concentrations of Total Phosphorus (TP) and Nitrogen (N) decreased in Barr and Milton. Other highlights of the presentation are that the draw downs the lakes experience create worsening water quality. Also, for controlling concentrations of

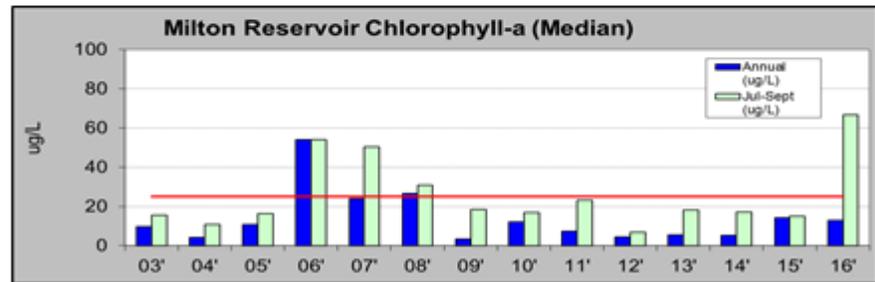
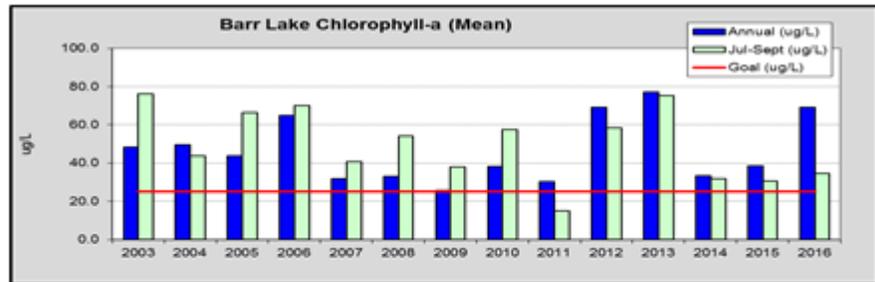
### 15 Years of Total Phosphorus



Chlorophyll a, the Nitrogen to Phosphorus ratio (N:P) can be a controlling factor.

Derek Sowell presented information about Haven Sporting Club. They are enjoying tremendous success and have a waiting list for members. Their motivation is to provide a venue for families, especially children, to get out and enjoy nature. They are very interested in keeping the water in Milton clean. In a survey to their members, the top concern was the algae in the lake. They will be installing an aeration system to try to attract water fowl. It may also have beneficial effects on water quality.

### Chlorophyll-a



**Committee Updates** – Steve Lundt summarized the many efforts the BMW Board has accomplished over the past year.

#### BMW Efforts

- Clean Ups
- Picture Posts
- Graduate Student Projects
- Biomanipulation (carp removal)
- Storm Drain App & Markings
- Wastewater Upgrades
- GIS Storm Map
- Watershed Plan Update
- Monitoring

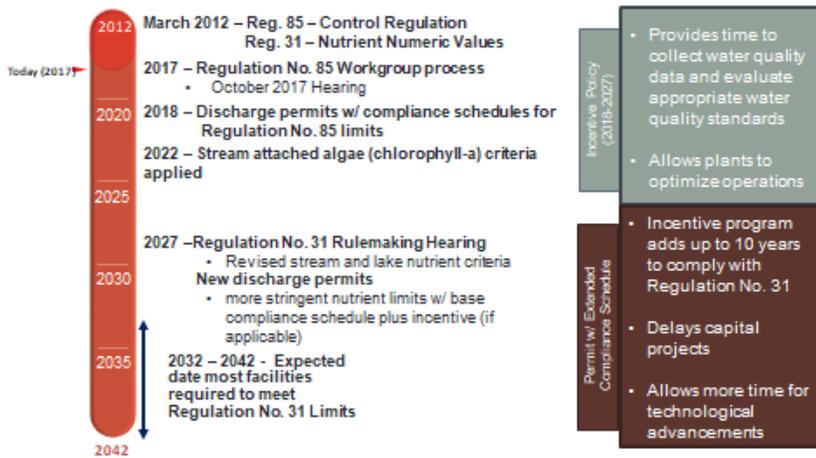


Dan DeLaughter presented information on the regulatory framework the BMW TMDL works within. He compressed the extremely complex labyrinth of jargon and concepts evolving to implement strategies to keep our water clean into a digestible format. The two concurrent efforts impacting Barr and Milton are the implementation of Regulations 85 and 31 and the BMW TMDL. Both of these efforts overlap and can present conflicts. One of the conflicts is the Water Quality Control Division (WQCD) continuing to issue permits in our watershed without assigning them any permit limits for total phosphorus. These are facilities that were not given wasteload allocations in the TMDL. Some facilities may

have been in existence at the time the TMDL was drafted, in which case, it is safe to assume that their loads were included in the background/nonpoint source portion of the TMDL loads. However, new facilities represent new loads to the watershed that should be permitted accordingly. BMW will be arguing that the new dischargers need to monitor for TP and possibly receive limits for TP if their concentrations exceed the TMDL concentration target for new dischargers of 0.1 mg/L.

Another challenge is technology constraints on POTWs to meet the TP levels in Regulations 85 and 31. POTWs use different treatment methods for removing pollutants, creating a situation with a lot of

## Regulation 85 Timeline



moving parts and variables. At the same time, they need to be careful stewards of the public funds used to run their facilities. Fortunately, there is a long time frame for meeting the goals of the regulations and the TMDL. Dan and other POTWs are working with the Water Quality Control Division and other stakeholders on an incentive program for POTWs to get rewarded for being proactive in exceeding Regulation No. 85 requirements before being required to do so.

Amy Conklin also presented a summary of the Update to BMW’s Watershed Plan. The original Watershed Plan was developed in 2008. Since then, BMW has been working hard to implement the TMDL. The Update to the Watershed Plan describes the efforts and highlights future efforts BMW will be working on to continue keeping the water in Barr and Milton clean. The update will form the basis for a letter to both the WQCD and EPA to record our progress adaptively managing our water quality improvement efforts.



The final order of official business was electing three At-Large Board members. Congratulations to Michelle Seubert and Sarah Reeves for being re-elected to the BMW Board. Thank you for your service. Congratulations and welcome to Drew Damiano, Untied Water. We look forward to seeing you at future BMW Board meetings. The group said a fond farwell to Shelley Stanley, Big Dry Creek Watershed Association, who is leaving the BMW Board. She will be missed but we’ll look forward to seeing her at more Stakeholder events.