

Barr Lake/Milton Reservoir Watershed Association  
 BMW Board Retreat  
 August 29<sup>th</sup>, 2017 9:00 am – Noon  
 Metro Wastewater Reclamation District

**Minutes**

**Board Attendance:**

Steve Lundt – Metro  
 Chris Douglass - ECCV  
 Dan Delaughter – L/E WWTP  
 Laurie Rink – FRICO  
 James Boswell – Thornton (phone)  
 Michelle Seubert – CPW  
 Erica Wenzel – Intern

Charlene Seedle – South Adams  
 Kevin Pustulka– South Adams  
 Sarah Reeves - SPCURE

**Public Attendance:**

Amy Conklin – BMW Coordinator

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Laurie welcomed the group and everyone introduced themselves. Charlene and Kevin were welcomed as the new representatives from South Adams County Water and Sanitation District. Steve requested adding 2 agenda items; one about the unusual water quality in the lake and the other about a meeting he attended regarding the North Denver Cornerstone Collaborative (NDCC)

**Chair's Report**

**Denver Water Corrosion Protection Program update** – Charlene reported that South Adams County Water and Sanitation District (S. Adams) is evaluating corrosion prevention alternatives per a directive from CDPHE. All water treatment systems serving more than 50,000 people must evaluate corrosion control options. S. Adams has not had any exceedances. Their water is very hard and not corrosive. They are looking into treatment options to soften their water. Laurie asked that the results of their testing be shared at some point

Sarah reported that Jennifer Robinette from CDPHE would be talking at a future Colorado Water Quality Forum meeting about corrosion control studies being conducted across the state.

Dan reported that L/E has sent a letter to Denver Water (DW) outlining the costs for removing Phosphorus (P) from the water if it was used for corrosion protection. The DW report was due towards the end of September. Dan still has room for the tour of DW Martston water treatment plant.

Laurie reported that a small group has been working on the costs to BMW from adding P for corrosion protection. They have a letter for Ryan Walsh, at DW, and Ron Falco and Nicole Rowan at CDPHE. **Laurie** will send a copy to **Amy** for distribution. They estimate that using P for corrosion protection will add about 5500 lbs of P at the Burlington headgate. There would need to be in canal treatments on the Burlington and Platte Valley and their letter will include an estimated cost for removal. The loads are hard to estimate because of water rights so the calculations are conservative..

**McDonald Farms biosolids update** – Chris reported that East Cherry Creek Valley’s appeal is set for Oct. 5<sup>th</sup>. The basis of their appeal is that they didn’t receive any notice about the application. They’ve reached out to the land owner, about the information and concerns that they have, in addition to pursuing an appeal. ECCV coordinated with Lochbuie who also has an interest in the application. Laurie asked if there was value of including others at the appeal meeting. **Chris** will send **Amy** the information to forward to the Board. **Amy** will follow up with Jennifer at Adams county and ask that the letter BMW sent about the application be included in the hearing packet. She will also ask if there’s other action we can take regarding the appeal.

**Treasurer’s Report** - Laurie reported that the year-end reports were included in the packet. The goal is to respond to any questions on the items. The group discussed the need to make 5-year projections, estimate a cost, and compare it to revenues. The budget committee will keep working on the 5-year projections. We will need to clarify the priorities. We’ve been developing pieces along the way. Shelley has really honed the budget. The I&E work will be discussed today and the Technical Committee has updated the IP schedule. **Dan** will work on setting up a meeting and with Shelley. **Chris and Laurie** volunteered for the Budget Committee. The Board gave a thumbs up to renew the Friends of Barr Lake membership

**Update on Regulations (Regs) 85, 31 and 93 discussions.** - Dan reported that responsive prehearing statements for 85 and 31 have been submitted as part of the Oct 10<sup>th</sup> hearing. An incentive policy has been proposed. The primary tool for the Reg. 85 incentive proposal is a longer compliance schedule for plants that achieve nutrient standards before they have to. A safety clause in the proposal is still being discussed. The other big issue is capping the compliance schedule at 10 years. If a facility has plans to achieve the new standards, they would qualify for the 10 year compliance timeframe. FRICO is concerned that the incentive program may result in a delay in meeting the TMDL. They want more information about if the incentive program will promote a delay and if so how much. Laurie will be attending another meeting with Dan and the group to try to resolve the issues. 2027 is the year that the nutrient standards will be adopted in Regs. 31. The concern is that the implementation schedules are different between the Regs and the TMDL. Plants have limited funds and many environmental issues. The more flexibility they have, the better they can respond to all the environmental challenges. For some there may be a real benefit to early adoption of Reg 31 controls; for others not so much. Because EPA didn’t approve Colorado’s nutrient standards, the whole process has been thrown into confusion and in our case we have a TMDL that would trump the regulations. A good topic for the retreat may be to better understand the conflict of the schedules for implementation of the Regs and the TMDL. Another question for the retreat is if BMW wants to pursue site specific standards given additional information.

July Expenses - Paid	
7/11 - REI- GCs for LAD	\$ 50.00
7/12 - Starbucks - GCs for LAD	\$ 50.00
7/13 - Bass Pro Store - GCs for LAD	\$ 100.00
7/18 - Chipotle - lunch for stormdrain marking volunteers	\$ 159.68
7/21 - King Soops - Lunch for stormdrain marking volunteers	\$ 53.85
7/26 - Shirtcamp - T-shirts	\$ 756.68
7/28 - OTC Brands, rubber duckies - I&E	\$ 130.58
1965 CFWE Bike Tour	\$ 1,500.00
1966 - Joy Labadie website	\$ 660.00
1970 - Comet Press, printing	\$ 250.00
1971 - Caroline Powell Stormdrain Marking App	\$ 500.00
1972 - Amy Conklin, Bike Tour	\$ 2,486.25
1973 - Amy Conklin, Coordinator	\$ 2,922.01
Total	\$ 9,619.05
August Checks to Sign	
1980 - Amy Conklin, July Coordinator Services	\$ 5,103.83
1979 - Friends of Barr Lake membership	\$ 250.00
1975 - MSU OWOW, 2nd semester of Intern	\$ 2,242.50
1978 - Applewood Bookkeeping	\$ 40.00
1981 - Joy Labadie	\$ 280.00
Total	\$ 7,916.33

Reg 93 (the 303 d list)– Dan reported that there didn't look like there were any changes to water bodies included in the BMW TMDL. Both Barr and Milton are listed under a category for water bodies that already have TMDLs. .

**Coordinator Updates** – The Board gave a Thumbs Up approval of the June 27<sup>th</sup>, 2017 Meeting Minutes.

Amy also reported on work done to revise the By-Laws. All the proposed changes were approved except the deletion in Section 2.9 that talks about the general public addressing the Board. The sentence was proposed to be deleted because it is not part of our practice, so future agendas will include opportunities for the public to address us, even if they never do. The By-Laws changes will need to be approved at the Stakeholder meeting.

Amy asked the Board if they wanted to participate in a Pot Luck like usual at the Stakeholder meeting. They voted Thumbs Up to have a pot luck and for **Erica** to organize it. The Board also approved Erica's attendance at both the Colorado Watershed Assembly Conference and the Cherry Creek Stewardship Partners Conference. Erica was encouraged to try to get a student discount to the conferences.

**Wasteload Allocations in Segment 14** - Dan summarized that the BMW concern is with the smaller facilities downstream being permitted and not being regulated for P. Initially all of the facilities were issued permits under a General Permit. It became apparent that they were not eligible for General Permits and would need to be issued Individual Permits. Any new facility should have a P limit of 0.1 mg/l . CDPHE has taken the position that the TMDL was not intended to focus on industrial facilities. Most of the smaller facilities they are issuing individual permits for are groundwater dewatering permits. The McDonalds application is one of the permits and they were given a limit of 1.0 mg/L. Typically there wouldn't be a permit issued where there is a TMDL unless there was excess assimilative capacity or the discharge meets stream standards at their discharge. Issuing discharge permits to these new dischargers is not fair to the existing dischargers.

The Board discussed appealing the issuance of any of the permits that were not required to sample for P and ensure that their discharge was at or below 0.1 mg/L of P and where the permit applications postdate the June 2013 approval of the TMDL. **Laurie** will ask Emily and Julie about water attorneys who might be good candidates to work with BMW on the appeal. **Dan** will try to get clarification from CDPHE about the timeframe for an appeal and can act as a spokesperson for the WQCD regarding the permits, explaining the severity of the impact to BMW.

The Board gave a Thumbs up approval to Laurie to work with Emily and Julie to determine if we need outside representation and, if so, Laurie is authorized to contact appropriate attorneys regarding their availability, interest, cost and any other information relevant to the permit appeal process.

The Board also gave a Thumbs Up for Dan to reach out to WQCD staff on BMW's behalf and coordinate with the Board.

### Stormwater Monitoring and North Denver Cornerstone Collaborative (NDCC)

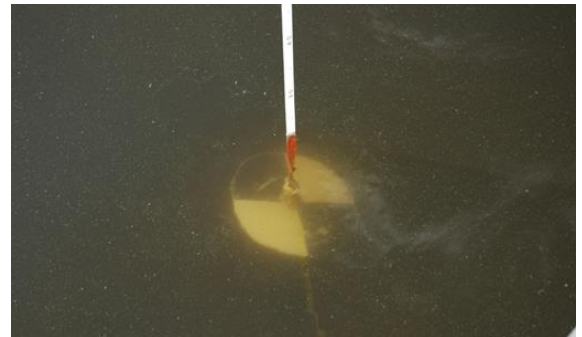
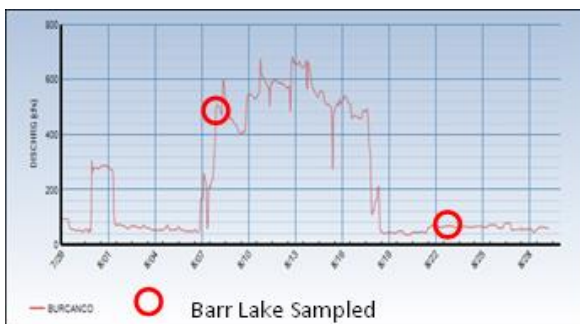
**Discussion** – Steve reported that there would be a kick off meeting for the Burlington Headgate stormwater monitoring station immediately following the Board meeting.

He reviewed that about a year and a half ago, Celia Vanderloop presented to us about the many stormwater projects Denver is constructing as part of the North Denver Cornerstone Collaborative. Steve has been meeting with some of the groups of stakeholders Denver has organized as part of the projects. Yesterday he, Sarah and Amy met with some of the Portfolio Managers about the water quality components of their projects. The projects are following Denver's [Ultra Urban Green Infrastructure Guidelines](#). They hope to reduce the projects with impervious surfaces to 50% of the area being impervious. They claim that 80-90% of the stormwater along Brighton Blvd. is being treated. We stressed that we want to help them get credit for their efforts.

**Steve** will reach out to Melissa Rosas and invite her and some of the other participants to the BBQ. We may want to consider asking to participate in some of the educational signage they have planned at Heron Pond. **Steve** will reach out to Selena from Denver Public Works as well. **Sarah** will reach out to Andrew Moss, who recently worked at CDPHE and ask for his input on ways for BMW to engage with NDCC.

Steve reported that the water in Barr Lake is a dark brown due to a fine particulate matter suspended throughout the water column near the dam when he sampled on August 23<sup>rd</sup>. He looked at flows in the Burlington Ditch and saw that a lot of water had been diverted. He also happened to be flying over the area on August 10<sup>th</sup> and could see the inflow creating a turbid condition in the southern half of the reservoir.

He has never seen this phenomenon at Barr Lake before. His theory is that it might be runoff from road repaving. If we had a stormwater monitoring station at the Burlington



Headgate, we could have learned what happened in early August. Michelle reported that the fishing has been impacted by the water quality and that there is so much water in the lake that the boat ramp had to be raised. There was 8 m of water on August 23<sup>rd</sup> but it is going down fast. The algae are still growing and the pH is at 9.4. .

**Watershed Plan Update** – Laurie asked if the Watershed Plan Update is ready to be finalized and presented at the Stakeholder meeting. **Sarah** asked for a week extension to give Amy Woodis time to review it. When the Update is complete, Laurie will finish the letter to CDPHE and EPA updating them on our progress.

**Continuing Implementation** – Steve reported that 2007 was the first year we had an I&E plan; 2014 was first budget. BMW is spending between \$8-14,000 per year on I&E activities. His BMW work has evolved from more technical into more I&E work. Laurie reviewed that we are working on I&E efforts is because as a Board of mainly technical people, the Board struggled with what to do with I&E materials. Chris Douglas summarized our efforts as both: hands on, attending events and handing out SWAG; and planting seeds for others to follow through with, such as SPLASH using the messaging BMW developed.

At the November retreat, the Board can wrestle with the higher level questions about the strategy for our outreach; hands on versus seed planting. Currently the I&E budget is \$14,000 for materials and \$16,000 for Amy’s time. The Board will also need to struggle with how the results of the I&E effort is measured.



**OWOW Internship**– Erica Wenzel introduced herself and reported that she is graduating from MSU with a degree in Environmental Science in December. She has been working with Steve on water quality monitoring and fish shocking. Amy reported that Erica has done great work reviewing the website and distribution lists and will be attending more conferences and events.

**I&E Committee Update** – Michelle reported that she and Erica handed out T-shirts at the Adams County Fair. We now have 5 different designs for kids to use coloring their t-shirts. **Dan** will try to get L/E folks who do their outreach to come to the next BMW I&E meeting. Steve ordered Poop emoji balloon. Michelle wants coming out party for it.

**Next Meetings**

- I/E Committee Meeting – **September 5<sup>th</sup>, 2017 9am, Barr Lake Nature Center**
- Annual Meeting and BBQ – **September 26<sup>th</sup>, 9:30 am, Barr Lake Nature Center**
- Technical Committee meeting – **September 28<sup>th</sup>, 2017, 9 am, Metro**
- BMW Board Meeting – **October 24<sup>th</sup>, 9 am, Metro**

**BMW I/E Events for 2017**

Date	Event	Activity	Name and contact
9/27/17	Nat. WQ Awareness Week	T-shirts	
Saturday 9/9/17	Barr Lake Fall Birding Festival	T-shirts, Booth	9-12, S. Adams will try to get volunteer
Saturday 9/30/17	Barr Lake Shoreline Cleanup	Pick up trash	
10/10-12/17	Watershed Assembly Conference	Booth	Erica

Saturday 10/14/17	Barr Lake Harvest Festival	Help out	
Wednesday 10/18/17	ELK Stormdrain Marking	Help out	
Saturday 10/28/17 6-9 pm	Barr Lake Halloween Trail	Give a 5 minute talk, hand out candy	Erica and the poop balloon
Wednesday 11/1/17	Cherry Creek Stewardship Partners Conference	Attend?	