

Barr Lake/Milton Reservoir Watershed Association  
 BMW Board Retreat  
 January 24<sup>th</sup>, 2017 9:00 am – 11:30 am  
 Metro Wastewater Reclamation District

Minutes

**Board Attendance:**

Michelle Seubert – CPW  
 Shelley Stanley – BDCWA  
 Laurie Rink– FRICO  
 Steve Lundt – Metro  
 Sarah Reeves – SPCURE  
 Chris Douglass - ECCV

Dennis Stowe – L/E WWTP  
 Lisa Hollander – Metro  
 Emily Jackson - Metro

**Public Attendance:**

Amy Conklin – BMW Coordinator

**Updates/Action Items**

- Chair’s Report - Request for NALMS/CLRMA symposium sponsorship – Laurie reported that the Colorado Lakes and Reservoir Management Association (CLRMA) is hosting the North American Lake Management Society (NALMS) Symposium this November. It’s been 20 years since this conference has been held in Denver. There should be between 400 and 600 attendees. She is a CLRMA Board member and is trying to raise money to help make the event a success and reduce costs to attendees for some of the events. The Board discussed whether or not they should have a booth at the event. **Steve** will contact the t shirt vendor we use for BMW t shirts to see if they might want a booth at the event. At this point, it is unlikely BMW will choose to have a booth. The Board voted a Thumbs Up approval for a \$1,500 sponsorship. **Steve and Shelley** will work on a budget amendment to reflect the expense.

- Treasurer’s Report - Shelley reported that we have a balance of \$184,535.33. All expenses in November and December are shown in the table to the right and are within budget. It is her goal to have all expenses recorded in the minutes. A quarterly update will be included in February’s meeting packet.

November and December 2016 Expenses	
Check	
1934 - Glatfelter Insurance Premium	\$ 1,500.00
1937 - Amy Conklin, Oct. Services	\$ 2,783.87
1935 - Applewood Bookkeeping, Aug - Oct 2016	\$ 80.00
1936 - H&S, website management, 4th quarter 2016	\$ 900.00
1938 - Laurie Rink, reimbursement for CWA Conference	\$ 477.55
1939 - Amy Conklin, Nov. Services	\$ 4,625.39
Debit Card	
USPS PO Box fee	\$ 106.00
<b>Total</b>	<b>\$ 10,472.81</b>

- Update on Regulation 85 and 31 discussions. Sarah Reeves updated the group reporting that the Water Quality Forum has met. The current timeline may change and the goal is to have implementation of Regulation 31 as a separate topic and have it be implemented on a statewide basis rather than a basin wide basis as is done with other stream standards. Regulation 85 set Nitrogen (N) and Phosphorus (P) standards for NPDES discharge permits. Regulation 31 establishes acceptable in-stream N and P values. Typically, in-stream standards are considered on a basin wide basis. Implementing the proposed N and P in-stream values is proving challenging enough that the timeline may have to be adjusted.

The state is responding to EPA actions. EPA approved water quality standards for lakes and reservoirs this summer, and did not approve or disprove the water quality standards for rivers and streams.. The state would like to continue to show progress and to follow the path laid out in

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the 2012 Water Quality Control Commission (WQCC) Nutrient hearings. With the changes in personnel at the Water Quality Control Division (WQCD), the potential for Discharger Specific Values (DSVs) seems more likely. Such values could show progress and provide a realistic framework for dischargers to meet the standards proposed in Regulation 31.

While the timeline is still in flux, the Regulation 31 hearing on rivers and streams is now proposed to occur in 2027. In the meantime, the WQCC may act on chlorophyll a standards for rivers, streams, lake and reservoirs and nitrogen and phosphorus water quality standards for lakes and reservoirs. BMW will want to consider the implications to the BMW TMDL from the 2022 hearing. We may want to consider site-specific standards for Barr Lake and Milton Reservoir. Additional modeling may help in evaluating in-lake impacts from water quality changes. If BMW wants to file for party status in the Regulation 85 hearing, that decision will need to be made as soon as April or May of 2017. Updates will continue to be included on the agenda for future Board meetings and the Board will consider how best to respond to the potential changes as we move forward.

Dennis reported that the draft discharge permit for the Littleton/ Englewood Wastewater Treatment Plant was sent out for comment and included a 5-year implementation schedule to attain the Total Inorganic Nitrogen (TIN) and P standards. He also reported on progress negotiating the policy decision in the water quality assessment to reserved assimilative capacity for future individual dewatering permittees from downstream developments. A working group will be negotiating with the WQCD about protocols to handle assimilative capacity issues such as this one.

- An EPA Fact Sheet on Draft Cyanotoxin standards was included in the Board packet. Based on past experience, it may be years before the criteria are finalized. The WQCD doesn't know how cyanotoxin criteria may effect implementation of Regulations 31 and 85, but the impacts could be significant. **Michelle** will forward the criteria to Mindy May at Colorado Parks and Wildlife (CPW) and ask what the CPW position is.
- Coordinator Updates (Amy C.)
  - Election of new Officers – The current officers were re-elected with a unanimous Thumbs Up vote: Laurie Rink – Chair; Steve Lundt – Vice Chair; James Boswell – Secretary; and Shelley Stanley - Treasurer.
  - Agenda addition – The Board watched an excerpt from an Englewood City Council meeting to illustrate the value of the Board's hard work to keep a collaborative, consensus-based approach to decision making.
  - The November 22<sup>nd</sup>, 2016 Meeting Minutes were approved with a unanimous Thumbs Up vote.
  - Update on Bike Tours for 2017. The Board gave a unanimous Thumbs Up approval to pay \$177 for additional insurance to cover the bike tours. The mini grant application was successful and will help offset the cost of the tours.
  - Report on conversation with Jeff Shoemaker, Greenway Foundation – Amy reported that she had met with Jeff Shoemaker to discuss a couple of issues. **Steve** will be meeting with Greenway Foundation personnel on January 25<sup>th</sup> to explore opportunities for BMW to partner with the Greenway Foundation. The Greenway Foundation may be interested in jointly authoring an Opinion Piece or a Press Release about the positive water quality impacts from the Platte to Park stormwater infrastructure improvement project. **Steve** will prepare a draft article for the Board to consider in February. It will be important to inform Denver about whatever we do in advance and to continue to explore other organizations that might want to co-author the article.

- Stakeholder meeting in March –**Amy** will contact Roy Wardell and ask him to share a story about Milton for the Stakeholders. Roy has been sending Amy information on the organization negotiating with FRICO for the recreational rights to Milton. **Laurie** reported that they don't have a signed contract yet, so it's premature to discuss the proposed changes. She'll keep the Board updated as the negotiations move forward.
- Report on SPLASH meeting – **Amy** reported that she had attended an SPLASH meeting and would coordinate with Steve about some of the outcomes from that meeting. There was a video on illicit discharges of carpet cleaning water that she would post to the website when it's available.

**Continuing Implementation** – Board Topic Plan – Laurie developed a list of topics for the Board to work on based on discussions from the November retreat. **Shelley** will update the Implementation Table for discussion at the February meeting. We will keep the plan on the agenda for future meetings to track progress, realizing that we will need to be flexible.

**January** Board meeting

Elect new officers

Update on Reg 85/31 discussions with CDPHE (keep as on-going agenda item)

Stormwater monitoring station on Burlington Canal – objectives of study, how we will use the information, plan to move forward on discussing with stormwater entities

**February** Board meeting

Review updates to IP tables (**Shelley** to take first stab at revising)

Review updates to POTW Reg 85 implementation schedule (**Laurie** to pull out)

Follow-up on stormwater monitoring station

**March** Stakeholder meeting

**April** Board meeting

Review updates to Watershed Plan (include updates to tables, etc. discussed in February)

Discuss goals and whether to revise/update

**May** Board meeting

Review list of entities working in the watershed (**Amy**)

Discuss MS4s – what do we need from this sector i.e., action, data, involvement, etc. and develop strategy for how we get it

**June** Stakeholder meeting – bike/watershed tour

**July** Board meeting

Review of NPS contribution technical analysis (by **Steve and TAC**)

**August** Board meeting

Discuss Outreach and Education Program – refine objectives/goals of this element of implementation

**September** Annual Meeting

**October** Board meeting

Review list of big decisions developed at 2016 retreat – decide which to tackle again for 2017 retreat

**November** Board retreat

**Stormwater Monitoring Station** – The Board discussed installing a new monitoring station at the Burlington Canal headgate. Data collected from the station would provide information on the effectiveness of Denver's proposed stormwater infrastructure improvements. There is an existing network of stormwater monitoring stations jointly operated by Aurora, Denver, Lakewood and Urban Drainage and Flood Control District (UDFCD). Steve has had preliminary discussions with Denver personnel with positive feedback. He would like to set up a meeting with other organizations to better understand the history of the network and their position on adding to the network. **Steve** will work on organizing the meeting. **Amy** will try to attend and record the conversation.

**Statement of Work for Website Maintenance Firms** – A draft Statement of work has been prepared for solicitation of firms to maintain the organizations website and is included in your packet. The Board gave a Thumbs Up approval for the request for proposals to be sent to appropriate firms. Laurie suggested that we encourage them to propose different security protocols if they would like. **Shelley, Steve and Amy** will send the request to web masters they are familiar with.

**I&E Committee Report** - Please see the I&E sign up at the end of the agenda. The Board gave a Thumbs Up approval to the Intern job description. **Amy** will send the file to MSU for posting. Michelle reported that **March 31<sup>st</sup> from 3 pm to 5:30 pm** will be the **grand opening of the Nature Center** for VIPs. BMW can have a booth at the opening. There will also be a silent auction. Steve reported that he has purchased a picture post which is a project developed by the University of New Hampshire to encourage the public's engagement in tracking changes to the environment, <https://picturepost.unh.edu/index.jsp>. Steve learned about the picture post project at the NALMS conference. He will be ordering more t shirts and color ons. Steve showed a graph of pH trends in Barr lake which show a slow decline. He will be preparing his annual water quality analyses that will be posted on the website when reviewed.

Steve also reported on his activities with a Master's program at CU-Denver. He is helping the students incorporate field work into their curriculum. He took a group of students out on the ice at Barr Lake to collect sediment cores. They will be analyzing the cores to determine sedimentation rates and examine diatoms in the sediments. Another group will be working on source control activities that may improve water quality. The Board suggested we develop a running list of potential projects for the students as this might develop into a long term relationship.

### **Next Meetings**

- Board Meeting – **February 28<sup>th</sup>, 2017, 9 am Metro**
- I/E Committee Meeting – **March 7<sup>th</sup>, 2017 9am, Barr Lake Nature Center**
- Technical Committee meeting – **January 26<sup>th</sup>, 2017, 9 am, Metro**
- Stakeholder Meeting – **March 28<sup>th</sup>, 2017 – TBD**
- Nature Center grand opening – **March 31<sup>st</sup> Barr Lake State Park**
- 40<sup>th</sup> Anniversary of the L/E WWTP – **April 20<sup>th</sup> L/E WWTP**

### **BMW I/E Events for 2017**

Date	Event	Activity	Name and contact
Saturday 3/11/17	Barr lake Volunteer Training	Presentation	Steve L., Michelle S.
Friday 3/31/17	Nature Center Open House (3:00-5:00pm)	Table	Steve L., Michelle S.
Saturday 4/8/17	Barr Lake Raptor Run	Water station	
Saturday 5/6/17	Barr Lake Spring Fishing Clinic	T-shirts, Booth	
Saturday 7/15/17	Lake Appreciation Day	T-shirts, Booth	Steve L., Michelle S.
Saturday 8/?/17	Commerce City Neighborhood	T-shirts, Booth	Steve L., Michelle S.

	Event		
Friday 5/?/17	End of School Event	Demonstration	Steve L., Michelle S.
5/?/17	Tri-City Water Festival	Speak	James and Michelle S.
Thursday 5/18/17	Aurora Water Festival	Speak	
Friday 7/?/17	Adams County Fair	T-shirts, Booth	
6/?/17	Brighton Culture Fest	T-shirts, Booth	
9/?/17	Nat. WQ Awareness Week	T-shirts	
Saturday 9/9/17	Barr Lake Fall Birding Festival	T-shirts, Booth	
10/?/17	Watershed Assembly Conference	Booth, speak	
Saturday 9/30/17	Barr Lake Shoreline Cleanup	Pick up trash	
Saturday 10/14/1 7	Barr Lake Harvest Festival	Help out	
Saturday 10/28/1 7	Barr Lake Halloween Trail	Help out	