

Barr Lake/Milton Reservoir Watershed Association
 BMW Board Meeting
 October 22nd, 2019 9:00 am – Noon
 Metro Wastewater

Minutes

Board Attendance:

Steve Lundt – Metro
 James Boswell – Thornton
 Julie Tinetti – Centennial (phone)
 Katie Koplitz – Metro
 Dan DeLaughter – SPWRP
 Sarah Reeves – SPCURE

Brad Cox – DPW
 Michelle Seubert – CPW
 Erin Jenkins – SPWRP
 Chris Douglass - ECCV

Public Attendance:

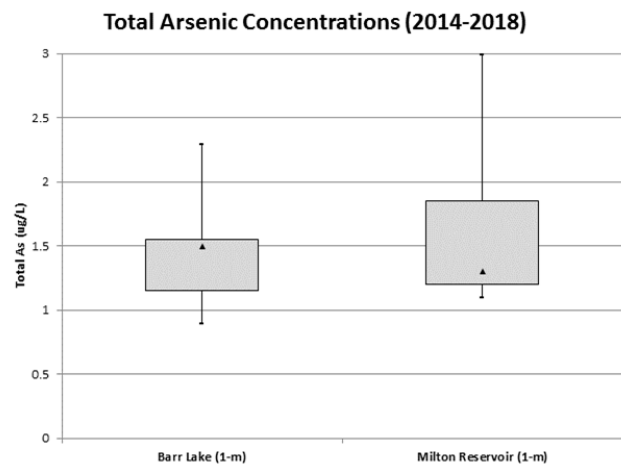
Amy Conklin – BMW Coordinator

Dan welcomed the group and everyone introduced themselves, while enjoying delicious burritos.

Officer Election and At-Large position discussion – The Board voted Thumbs Up to elect Brad as the third At-Large member to the Board. The current slate of officers was re-elected for another year with a Thumbs Up vote. They are: Dan DeLaughter, Chair; Steve Lundt, Vice-Chair; Chris Douglass, Treasurer; and James Boswell, Secretary.

Denver’s MS4 permit and non-standard permit update – Amy reported that CDPHE is planning to issue a second version of the non-standard permit after the first of the year. Brad noted that the Water Quality Forum was holding a quarterly meeting of the MS4 Workgroup on Wednesday October 23rd at Mile Hi Flood District. He sent the meeting notice to the Board. Brad also reported that Denver hasn’t heard anything more about their Phase 1 MS4 permit renewal. Some of the other entities with Phase 1 MS4 permits are working with State Senators to develop a cost/benefit analysis of the MS4 permits. Amy was requested to follow up with CDOT regarding the map of their projects in the BMW watershed.

Party Status for BMW Impaired Listing for Total Recoverable Arsenic – BMW applied for Party Status in the proceedings to list BMW as impaired for Arsenic but did not submit a responsive pre-hearing statement. The Board conclusion was to keep monitoring the process accepting the likely listing for Arsenic impairment. Any long term solution will likely include MS4s and others as Arsenic is naturally occurring. SPWRP has conducted sampling above and below their discharge where the Arsenic levels remained the same. The water being released from Chatfield already contains Arsenic above the standard. One more immediate action may be an additional advisory for people to not eat too much fish caught in the Metro area. If there is



a TMDL process it is unlikely to begin much sooner than 2024. So, BMW will continue to monitor the process for now.

OCCT Update – Steve, Dan and Amy updated the group on the latest developments with the OCCT litigation. Amy attended the last (?) meeting of the Steering Committee on October 16th. Denver Water submitted their variance request to EPA. The variance request is for three (3) years. CDPHE will be submitting a letter of support for the variance. Denver Water will be summarizing and submitting all the public comments they received to CDPHE and EPA. They received over 250 letters of support with no negative letters. EPA should make a decision in November and then notice the decision to the Federal Register for 30 days, if they approve the variance. The stay of the litigation effort was extended until the end of the year. **Dan** will reach out to Jeff Shoemaker to talk about the incentive program part of Regulation 85 and about the stay on the litigation to understand more fully what the legal process is. **Steve** will reach out to Meg Parish to ask if the Technical group will continue their work on mitigation measures whether or not the variance is granted.

The group talked about a committee to update the Implementation Plan. **Steve, Kate, Brad and Dan** volunteered to be on the committee. The group will be reviewing the Watershed Plan and determining if the Implementation Plan and the Watershed Plan can be combined. The focus of

the Implementation Plan will be to update activities related to Regulation 85, align the plan with Regulation 31, and begin to develop the next steps for wasteload allocations.

During the **Board Retreat on December 3rd from 9am to 3 pm** the Board will brainstorm topics that should be included in the plan. Topics for the Board Retreat include:

- Highlighting what's currently in the Watershed Plan – **Steve**
- Highlight what's currently in the Implementation Plan and brainstorming how to update the plan– **Dan and committee**
- Review external influences to the TMDL which include OCCT and dewatering permits - **everyone**
- Water Quality Update for stormwater and in-lake data and biomanipulation Phosphorus load removal estimates. An estimate the cost of carp P removal compared to other P reduction options will also be discussed– **Steve**
- Long Term Capitol Planning – **Dan and Chris (?)**
- Hearing from Metro's lobbyist about how the legislative process works – **Steve**
- Brainstorm a wish list projects for potential to apply for money from Ballot Issue DD (if it passes) - **everyone**. These may include;
 - A fish screen
 - In-canal treatment
 - Revising/rebuilding the watershed model
 - Auto Samplers
 - A data visualization project

- Understanding the Use Attainability Analysis process and reviewing what actions BMW can be taking to begin the process – **Sarah** (?). The Board may want to pursue surveys about the perceived water quality as was done in Cherry Creek. **Michelle** will ask Jason Trujillo, Cherry Creek State Park manager, about the survey effort.
- Review of current BMW members and suggestions for others to reach out to - **everyone**
- Develop a calendar of Board topics for 2020 – **everyone**
- **Board Photo – everyone!!!**



Sarah will print out the Implementation Tables on big sheets of paper. **Amy** will develop a straw man agenda for review and try to reserve meeting space at the Daniels Fund. **Steve** will try to reserve meeting space at REI. **Michelle** will reserve the meeting room at Barr Lake State Park Nature Center. **Dan** will print out a few of the big tables developed at the 2017 retreat. 2018 was spent primarily on OCCT.

Website Update – The group looked at the newly migrated website and had the following comments:

- The newsletter links are broken. Amy is working to train Lauren to fix them but they won't get to it until December.
- Files need to have the new logo added to them.
- Files linked to meetings on the calendar are not showing up. It may be a security setting.
- The Board would like the list of pages to be in one row. It gets confusing when they are stacked on top of each other.
- **Amy** needs to add Brad's photo and bio. Ditto for JM Grenbenc with South Adams.
- It would be nice to have search functionality for the website if it isn't too much trouble.
- It would be nice to have the site appear in the vertical setting of a phone, if it's not too much trouble.
- **Amy** needs to learn about the gallery photos.
- Please add a button to the home page that links to the most recent water quality report, if possible.

I&E Update – Michelle reported that the Harvest Festival, Birding Festival and Bark in the Park were all successful events. Lauren attended them but had to leave early. Juliana Archuleta distributed some BMW materials at the Colorado Watersheds Conference. Amy and Lauren will be attending the Cherry Creek Stewardship conference on November 6th. Steve is ordering banners of the fertilizer info graphic developed by SPLASH. Steve will also be the algae monster at the Halloween Trail handing out candy. The next I&E committee meeting will be Tuesday, November 5th at Barr Lake State Park, beginning at 10 am.

Technical Update – Steve reported that he will be trapping carp for the last time this year on Thursday. He has removed 1,600 carp this year. Altogether, he has removed about 6,000 carp from the system. He has learned through the carp harvesting effort that the best time to bait and

catch them is in September and October. He'll be working on an estimate of the amount of Phosphorus removed from the system through biomanipulation. He's planning to resume Technical Committee meetings in 2020, if appropriate.

A school near Lake Arbor is working on water quality protection because a dog died there this summer due to a harmful algal bloom. Steve and Michelle are working with the school.

Updates/Action Items

- Chair's Report –
 - SPROWG project – Dan reported that there was a meeting of the Environmental and Recreational impacts of the project that he could not attend. **Dan** will ask CPW rep on SPROWG reach out to Michelle. One of the goal of the storage projects in the South Platte Basin is to try to keep water in the river to enhance aquatic life. The Board discussed that the hydrology of the watershed is a key component of the model. Kelly DiNatale has been keeping track of the potential changes to the hydrology and should be included as a resource for any efforts to update the model.
 - The Army Corps of Engineers is working on a project in the river at 6th avenue that may have water quality benefits. Dan will keep the group updated on it's progress.
 - More General de-watering permits are being converted to individual permits. BMW would prefer to have language added to the permit template recognizing that there is a TMDL and requiring some sampling to ensure more nutrients are not being added to the river. **Dan** will draft letter for review and send it out electronically. If there is consensus, the Board will review the letter at retreat. The CDPHE argument is that the number of active permits stays pretty much the same so any load from them is already factored into the model. We would like to validate that assumption. It may be worthwhile to add Arsenic to the sampling regime since we expect to be listed for it.

September Charges that Cleared		
9-10-19 Ace Hardware	\$ 202.02	Carp killing stuff, Technical
9-11-19 Lowes	\$ 19.12	more carp killing, mostly corn
9-19-19 Agfinity	\$ 95.00	more carp killing, mostly corn
9-25-19 Pet Smart	\$ 50.00	gift certificate for Barr event
2093 - A1 Organics	\$ 19.20	Carp composting
2095 - GEI Consultants	\$ 764.10	Stormwater monitoring station
2097 - Amy Conklin, August coordinating	\$ 3,956.10	Coordinator
2098 - Hero's Pizza	\$ 400.00	Stakeholders refreshments
	\$ 5,505.54	
October Checks to sign		
2101 - Amy Conklin, Sept. Coord	\$ 4,919.14	Coordinator
2102 - A-1 Organics	\$ 102.60	Carp composting
2103 - GEI - Stormwater monitoring	\$ 595.00	stormwater monitoring
2104 - A-1 Organics	\$ 49.20	Carp composting

- Treasurer's Report
 - As of the September 30th, the balance is \$228,366.26
 - All expenses since the last meeting are within budget and will be recorded as part of the minutes.
 - The timing for membership dues will revert back to the April timeframe with payment due by June 1st. The goal is to make the accounting easier to understand.
- Coordinator Updates (Amy C.)
 - Approval of the August 27th, 2019 Meeting Minutes – Thumbs up approval.
 - [Gybe](#) Presentation – Amy reported on a presentation at Mile Hi Flood District she attended on a new use for satellite imaging data that may be able to remotely sense nutrient levels in water bodies. It's not ready to be applied to our watershed yet, but is something to continue to monitor.

- Meeting Supplies – The Board approved **Amy** purchasing flatware and plates, with a tote to make transport easy, to use at Board and Stakeholder functions. **Michelle** will bring a few Barr Lake water bottles for purchase with her to meetings for people who need a glass.
- BMW hard drive – external hard drive in Amy’s brief case for anyone wanting to download files.
- Stormwater Data – July 22nd data in packet
- Water Conference concept – **Amy** is working on a Business plan for the conference.

Next Meetings

- I/E Committee Meeting – **November 5th, 2019 10 am to 11:30, Barr Lake Nature Center**
- Stakeholder Meeting – **February 25th, 2020 9:30 am, TBD**
- Technical Committee meeting – **TBD, 9 am Metro**
- Board Retreat – **December 3rd, 9 am to 3 pm Location TBD**

BMW I/E Events for 2019

Date	Event	Activity	Name and contact
10/26/19	Halloween Trail	Barr Lake State Park	Michelle and Steve
11/6/19	Cherry Creek Stewardship Partners	Conference	Amy and Lauren

BMW Board 2019 ‘Schedule’

- *April 23, 2019 –*
 - *Invite DW to present their loading calculations and mitigation plan*
 - *Invite Meg Parish, CDPHE, to help in presenting TP mitigation plan*
 - *Invite WQCD staff, Aimee Konowal and Joni Nuttle, among others. Discuss concentration translator. Provide summary in advance.*
- *May 28, 2019 –*
 - *Presentation on ECCV about the DW aquifer*
- ~~June 25, 2019 – **meet at Barr Lake**, take tour around the lake, stopping along the way for;~~
 - ~~Water quality presentations~~
 - ~~Presentations on where in canal treatment might be installed~~
 - ~~Other improvements at the lake (yay! Michelle)~~
 - ~~See eagles.~~
- *July 23, 2019 – Metro presentation on their P recovery process*
- *August 27, 2019 – **meet at SPWRP***
 - *Centennial presentation on improvements to comply with Regulation 85*
 - ~~Preparation for Annual meeting and BBQ~~
- ~~September 24, 2019 – **meet at Barr Lake, try to engage more stakeholders**~~
- *October 22, 2019 – Prepare for Annual Retreat and use as place holder for things that don’t follow the schedule. Go over IP Committee’s outline?*