

Barr Lake/Milton Reservoir Watershed Association
 BMW Board Meeting
 May 28th, 2019 9:00 am – Noon
 Metro Wastewater

Minutes

Board Attendance:

Dan Delaughter – SPWR Partners
 Curt Bauers – FRICO (phone)
 Sarah Reeves – SPCURE (phone)
 Steve Lundt – Metro
 Donny Roush – Denver PW
 Michelle Seubert – CPW
 James Boswell – Thornton
 Dominic Baca – BMW Intern

Brad Cox – Denver PW
 Ashley Rust – United
 Carolyn Delynko – Barr Lake
 volunteer
 Julie Tinetti – Centennial (phone)
 Lauren Barclay – BMW Intern

Public Attendance:

Amy Conklin – BMW Coordinator

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

BMW providing input to Denver’s MS4 permit – Dan introduced the topic by reminding the Board that BMW has been invited to provide comments on the update to Denver’s Phase 1 MS4 permit renewal. Amy and Dan met with the Colorado Stormwater Council (CSC) and shared information as well as some requirements that may be added and are important to BMW. There currently is no reference to the BMW Total Maximum Daily Load (TMDL) in Denver’s Phase 1 permit. CDOT and Phase 2 Municipal Separate Storm Sewer System (MS4s) already have some nutrient language in their permits in response to Regulation 85. One of the concerns was that the language in Denver’s renewal would be used as the template for language that would be added to many other permits. There were also concerns about overlap with other organizations. Dan had asked the CSC for feedback. Brad was invited to give BMW information that might guide the comments BMW develops.

Brad reported that the direction the Water Quality Control Division (WQCD) is taking is not yet clear. It’s an appropriate time for BMW to provide comments. It’s unclear when the comment draft of Denver’s permit will be released but comments can be provided as soon as we’re ready. The old MS4 permit is 10 years old, prior to the BMW TMDL being approved. Brad thinks that Denver’s revised permit will include some nutrient language. Janet Keillor, formerly with the WQCD, is the current manager at DIA and DPW is working with DIA. The current Phosphorus (P) contribution from MS4s is small but in the TMDL target loads, the percentage is much higher.

The TMDL includes a 20% reduction of P loads from MS4s to achieve the target loads. BMW is looking for measurements to show that stormwater loading has been reduced. Denver is planning to do some monitoring on some of the new BMPs that are being installed. DPW is working on compiling the list of existing BMPs. Denver is currently monitoring for P through the Joint Task Force, comprised of Denver, Lakewood, Aurora and Urban Drainage and Flood Control District. They would be willing to share that data. However, the data is primarily stream data, not outfall data. The data would need to be analyzed.

The loads from Denver Water's (DW) Optimal Corrosion Control Treatment (OCCT) could be large. A separate monitoring group has sprung out from OCCT Stakeholder process. It may be a good group to track. The WQCD is working to increase the requirements for all MS4s. They've been building case law to increase requirements and bases for enforcement.

The Board concluded that they would draft and send a brief, 2-page letter to the WQCD, commenting on Denver's revised permit as soon as the letter is ready. We'll forward the draft to DPW and the CSC and request feedback. Requiring water quality monitoring from the MS4s is a huge, and potentially unrealistic, request. There is an opportunity with OCCT to do a real, impactful, coordinated education campaign. Requiring increased, coordinated education and outreach may be more palatable than monitoring.

Dan will draft a letter with help from **Amy**, **Steve** and **Curt**. The letter can include information about impacts to the BMW TMDL from Denver and DIA.

OCCT Update – Dan reported on the latest meetings of the OCCT Stakeholder groups. DW is still planning to submit their variance request to accelerate the removal of lead pipes instead of treating drinking water with P. Part of the variance would include a pilot of point of use filters for the homes that would be at the end of the pipe removal program. They may also do pH adjustment to limit lead releases.

The rate analysis has begun and was discussed at the last meeting. The in-canal P treatment report, commissioned by BMW, was used to estimate costs. The impact to Colorado Parks and Wildlife (CPW) from OCCT would be about \$2 million. The mass balance of the loading from OCCT work has been largely completed and will be wrapped up into a white paper. The monitoring group is moving forward with a \$35,000 grant obtained by USGS. The source control group met and will be providing recommendations. One effort will be to try to do better outreach and education about P in fertilizers. CDOT specifications for de-icer application are being pretty well accepted by local communities. The CDOT specifications are the most restrictive for P loading.

The cost estimates are continuing to be refined. There will be a lot of activity in the next few months as the WQCD prepares a draft of the white paper summarizing the work of the Stakeholder group. BMW will need to provide written comments, and maybe testimony, as the process continues. **Amy** will work with **Dan** to draft language for written comments and testimony. The next general OCCT Stakeholder meetings are June 5th and July 25th.

Modeling Effort Update – Steve Lundt reported that Kelly DiNatale was going to meet with the modelers to try to resolve the conflict between the data and the model predictions. There was also a discrepancy with FRICOs flow data and the BB pipeline. **Steve** and **Ashley** will follow up with Kelly. Kelly was going to do some QA/QC on the data.

Website Discussion – Michelle Seubert introduced Carol Delynko, who designed and manages the website for the Friends of Barr Lake. Carol's recommendation is to move the BMW site to Wordpress with a new theme. Carol volunteered to help with that effort.

Samantha McKinney prepared a summary of the research she did on web hosting options. Her recommendation is for BMW to purchase the Word press business plan. BMW could also purchase the Jetpack security upgrade as that was a concern in the past. The security upgrade is \$299 per year. The Business plan is \$25 per month with the ability to upgrade and allow secure online payments.

Sam also worked on developing a new BMW logo. She worked with a service that solicits designs from artists. So far, she has received more than 50 designs. Her plan is to review the designs and select an appropriate representation to send to the **BMW Board** for them to vote on. The ‘winner’ of the logo vote will inform how the new website template design proceeds.

Carol will work with the BMW interns, **Dominic and Lauren** to migrate the site from HTML to a Wordpress template. They will work with **Amy** and report to the BMW Board on their progress. There is still an issue about who will maintain the site. Our current website manager, Joy Labadie, is leaving. The group will continue to collect information on the amount of effort required to maintain the BMW site and look for options for maintaining it. **Amy** will need to research the GoDaddy hosting account to determine the terms of the account.

I&E Update – The I&E Committee has been busy! Samantha McKinney our old intern has left to start her career and been succeeded by Lauren Barclay and Dominic Baca. Lauren and Dominic briefly introduced themselves and shared some of their goals for the internship. Dominic will be the intern over the summer months, overlapping with Lauren who will become the intern in the fall. It is hoped they will both volunteer for as many BMW events as possible.

Michelle reported that the Fishing Pier opened on Friday! There will be a grand opening on June 15th from 11 to 1. It has taken six (6) years of planning and construction. The pier still needs signage. **Michelle and Dominic** (and maybe **Lauren**) will work on the signs.

Donny reported on the Furry Scurry where he gave out almost 2,000 dog waste bags until he ran out. He’ll be coordinating with Dominic and Lauren on the Citizens for the River event on June 22nd. He, James and Michelle attended water festivals in May. The poop emoji balloon is very popular. **Dan** requested the balloon for the June 19th open house at the plant. The CSC has produced three (3) 30-second Public Service Announcements for a coordinated campaign with the Arkansas Basin Roundtable. **Amy** will get them posted to the website as soon as possible. Steve reported on a group of Brazilian scientists he hosted on a tour coordinated by EPA. Amy

Website Updates:

WordPress Breakdown:

- Business Plan
 - \$25 per month
 - Free domain hosting for 1 year
 - Expect to spend \$150 on a template (one time fee)
 - 24/7 tech support
 - Jetpack Security included
 - Google Analytics
 - No WordPress branding or ads
 - Easy editing
 - Have ability to upgrade to \$45/month plan and will allow for secure online payments
- Security
 - WordPress comes with Jetpack but we could upgrade to an outside service
 - I would suggest getting the Jetpack upgrade for WordPress
 - \$299/year (Jetpack Professional)
 - <https://jetpack.com/pricing/>
 - Added WordPress support, themes, and some security bonuses
 - Jetpack will back up website daily and has an unlimited archive
 - Daily malware and spam screening
 - 24/7 support
- Time needed
 - Between Dom and I, the website could be ready to go within two months
 - I would expect about 30 minutes a week for updates in the future with the potential for longer updates when the water quality report is ready
- Concerns
 - Finding someone to update regularly

Going the professional route:

- New website will cost \$3,000 at the cheapest
- Many of the companies I talked to builds the website in WordPress

Here are some great sites built from WordPress:

- <https://www.wpbeginner.com/showcase/40-most-notable-big-name-brands-that-are-using-wordpress/>

Logo Update:

- Logos are ordered and should be ready soon!

shared a book Juliana Archuleta is purchasing as a give-away. Donny will review the book and one other to determine if he can purchase them for classrooms.

Updates/Action Items

- Chair’s Report – Dan reported that we should review the list of topics for the rest of the year. It is likely to be dominated by the update to the Implementation Plan.
- Treasurer’s Report
 - As of the April 30th, the balance is \$239,321.35
 - All expenses since the last meeting are within budget and will be recorded as part of the minutes.
 - All the membership dues invoices were sent out in December. Amy sent out reminder notices. Please be sure to contact her with any questions.
- Coordinator Updates (Amy C.)
 - Approval of the April 23, 2019 Meeting Minutes – Thumbs up approval
 - Report on Bike Tour progress – the event is proceeding well with almost 40 people signed up so far. WECO is providing insurance protection this year.
 - Stakeholder meeting/Watershed Tour – June 25th will be a tour around Barr Lake in vehicles provided by the park. It will be a fun day to get out and see the great things going on at Barr Lake.
 - Sales Tax exemption letter – It’s in and Amy will try to use it for future purchases.
 - Water Conference concept – Amy is meeting with Dana Coehlo, Metro DNA, and Jeff Shoemaker, The Greenway Foundation.

April Expenses		
4/4/19 - DLX for business - SL	\$ 135.67	Need clarification from Steve Pretty sure this is water for a run, I&E
4/8/19 Costco	\$ 9.36	I&E Starbucks cards for volunteers
4/16/19 - Starbucks	\$ 25.00	I & E T shirts
4/30/19 Shirtcamp	\$ 1,672.65	Techncial
2068 - Integral Consulting	\$ 3,377.06	Coordinator
2070 - Amy Conklin, March Coordinator	\$ 4,174.68	Techncial
2071 - Carp Solutions	\$ 7,720.00	website
2075 - Joy Labadie, Website	\$ 120.00	
	\$ 17,234.42	
May Checks to Sign		
2076 - GEI	\$ 2,035.88	Stormwater monitoring
2077 - Applewood Bookkeeping	\$ 60.00	Bookkeeping
2078 - Amy Conklin	\$ 2,737.59	April Coord
2079 - Amy Conklin	\$ 1,192.50	Bike Tour #1
	\$ 6,025.97	

Member Name	Amount	Member Level
Adams County		
Big Dry Creek WA	\$ 100	Supporting
Burlington (2 yrs)	\$ 4,000	Active
Centennial		
CPW		
Denver Environmental Health		
Denver Water	\$ 4,000	Active
DIA		
DPW	\$ 1,750	Active
ECCV	\$ 12,000	Sustaining
FRICO	\$ 12,000	Sustaining
Friends of Barr Lake	\$ 100	Supporting
Henrylynn		
Lochbuie	\$ 500	Supporting
Metro	\$ 12,000	Sustaining
North Front Range WQPA	\$ 100	Supporting
S. Adams County W&S	\$ 12,000	Sustaining
S. Platte Water Renewal P	\$ 12,000	Sustaining
SPCURE		
SPLASH	\$ 100	Supporting
Thornton		
United	\$ 12,000	Sustaining
Xcel		
Total	\$ 82,650	

Next Meetings

- Urban Water Cycle Bike Tour – **June 4th SPWRP to Metro**
- Stakeholder Meeting – **June 25th, 2018 9:30 am, Barr Lake State Park Tour**
- I/E Committee Meeting – **July 9th, 2018 10 am to noon, Barr Lake Nature Center**
- Board Meeting – **July 23rd, 9 am Metro**

BMW I/E Events for 2019

Date	Event	Activity	Name and contact
6/1/19	Brighton Summer Fest	Booth, T-Shirts	Michelle

6/4/19	Urban Water Cycle Bike Tour	Bike Tour along Platte River	Steve, Amy, Sam
6/22/19	Greenway Foundation River Fest	South Platte River	Sam
6/25/19	BMW Watershed Tour	Barr Lake State Park	Amy
7/13/19	Lake Appreciation Day	Barr Lake State Park	Michelle, Steve, Amy, Sam
7/25-28	Arapahoe County Fair	Booth, t-shirts, Poop emoji balloon	Amy, Sam, SPLASH (?)
8/2/19	Adams County Fair	Booth, T-shirts	Michelle, Steve
August	Western Welcome Week	SPLASH booth	Amy
August	Commerce City Neighborhood Fest	Booth, T-shirt	Michelle
9/14/19	Birding Festival	Barr Lake State Park	Michelle
9/21/19	Bark in the Park	Barr Lake State Park	Michelle
9/28/19	National Public Lands Day/Shoreline Clean up	Barr Lake State Park	Michelle
10/12/19	Harvest Festival	Barr Lake State Park	Michelle
10/26/19	Halloween Trail	Barr Lake State Park	Michelle
November	CO Watershed Assembly	Conference	Amy?
November	Cherry Creek Stewardship Partners	Conference	Amy?

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?