

Draft Minutes
BMW Information/Education Committee
Thursday, May 21, 2009
Barr Lake State Park – Nature Center
13401 Picadilly Road, Brighton, CO 80603
1:30 – 3:30p.m.

In Attendance:

Steve Lundt – Metro Wastewater
Michelle Seubert – Barr Lake State Park
Brandy Vignalli – Barr Lake State Park

Guests:

Darcie Garland-Renn - Integral Consulting Inc.
George Patten - Integral Consulting Inc.

I. Opening

Darcie opened the meeting with a description of the items on the agenda which include the upcoming watershed tour, dog waste dispenser sponsorship opportunities, newsletter and national river cleanup.

II. Updates/Recent News

Darcie brought up for discussion the recent installation of a new Barr Lake State Park sign.

III. Action List Review

- The discussion of action items began with upcoming Brighton Culturefest on June 6th and the question of whether to have a booth there to display BMW Association information. The decision for the event was for Barr Lake State Parks to man a booth in the morning, and then a representative from Integral Consulting Inc. in the afternoon.
- *Action Item – Darcie will bring forms and help set up the booth in the morning.
- *Michelle will bring water from Barr Lake as a demonstration piece.
- The next item for discussion was the annual watershed tour which is still in the development stages. Attendees discussed ideas for the tour which was originally focused on looking at agricultural sites in the Barr Lake area. The idea came up to try to look at both a sustainable and traditional farm to see any pertinent contrasts. Darcie had the idea to call Robert Sicada at his farm to determine if he had interest in providing a tour.
- The group also discussed an upcoming tour at the Littleton/Englewood wastewater plant and if someone from the BMW Association should attend.
- The next item on the agenda for discussion was the Lakes Appreciation event at Barr Lake State Park in July. Among the topics were the T-shirt designs and the need for a dumpster at the event which in the past had been provided by a construction company. Michelle mentioned that an Americorps group had called recently expressing interest in volunteering at the event. She also indicated that she would remind certain people about the event through e-mails.

- Michelle indicated that she would have a flyer for the Lakes Appreciation event ready by June 9th. There could also be a local color advertisement for the event. Steve will put the date on metro's website. Brandy will also contact the girl scouts to determine any interest there for the event.
 - The next Lake appreciation meeting is on June 3rd.
- Talks then moved on the Littleton Taste event and if there was interest in becoming involved. Michelle will look into any possibilities.
- Integral will also look into potential for booth space at the Adams County Fair.
- Michelle will also provide an update on I/E activity at the next Board Meeting.
- The discussion then moved into the upcoming newsletter and the development of articles for the issue. *Michelle will write an article on Barr Lake history as well as an article on eagle activity at the park. Brandy will write an article on sustainable gardening. *Steve indicated that he could write an article on Langmuir cells as a tech piece. The group also discussed talking with other BMW members about writing articles including Chris on a water law piece, and Laurie on a model update. Brandy will help edit the newsletter.

IV. Outreach Opportunities

- The meeting then moved into discussions about outreach opportunities and any reminders that needed to be sent out about events. The group decided that it would not have a clean up portion to the Lake Appreciation event this year if attendance was low. Discussions also moved to the potential for sponsoring a dog waste bag dispenser in a city park that would display information about BMW Association. The group decided that the investment was large and there is an opportunity to utilize the dog waste bag dispensers that currently exist at the park. Brandy said that the text for the sign is available and could be changes to include info about BMW and the impacts of pet waste.
- *Brandy will send the text for the dog sign in Word form to Darcie.
- Last on the agenda was membership dues. The Barr Lake State Park has an invoice for their dues for \$125. Michelle indicated that they would pay at the appropriate time. Discussions moved on to ways to target other members for the group. The group considered others that should be involved in the mission of the BMW Association, with one idea being stormwater agencies.
- *Steve Lundt will look into stormwater agency reps.
- The group agreed that gaining more sustaining members would be a good approach. The Board Meeting would be a good time to explore membership expansion. The DOW would also be a good agency to target since they might have an interest in the activities of the group.
- *Darcie will look into contacting them there.

V. Open Forum

Meeting attendees wrapped up the meeting with brief discussions about the tmdl development and any outreach expectations/implications for that.

Next Meeting

Next I/E meeting: July 16, 2009

AGENDA
BMW Information/Education Committee
Thursday, July 16, 2009

Barr Lake State Park – Nature Center – 1:30 – 3:00p.m.
13401 Picadilly Road, Brighton, CO 80603

In Attendance:

Steve Lundt – Metro Wastewater
Michelle Seubert – Barr Lake State Parks

Guests:

Darcie Garland-Renn, Integral Consulting Inc.
George Patten - Integral Consulting Inc.

I. Opening

Darcie opened the meeting as attendees signed the attendance sheet
The group then summarized the agenda for the meeting

II. Updates/Recent News

- The group discussed the June newsletter and current distribution efforts, as well as other opportunities to bring copies for handing out.
- Steve then updated the group on the statewide water quality survey/water IQ project, as well as news relating to the Non Point Source Council, of which he is a member.

III. Action List Review

- The group opened the discussion of action items with the idea from the previous meeting to include added language on dog waste bag dispenser signs about water impacts from dog waste. There are currently 5 stations in Barr Lake State Park that contain signs about the dog waste regulation. One idea is to replace the old signs with new ones that educate park-goers about the impacts of dog waste. Michelle mentioned that pre-made bag dispensers are available that could be an option. The group agreed that the message should be improved to help people understand why picking up after pets is important.
- *Steve Lundt will prepare a new sign for the stations.
- The group then moved on to talks about Lakes Appreciation coming up this weekend. Steve will drop off the compost materials following the event. Integral will bring additional signs for composting to the event. Michelle updated the group that this year there will be a raffle drawing, but only for 10 or so small items.
- The group began discussions about progress with the watershed tour. Steve Lundt indicated that he would be willing to provide a water quality testing demonstration for the group at the event. Darcie brought up the idea that his testing demonstrations could compliment Al's talk about water quality and restoration.
- *Action Item: Darcie will send out requests to Board members to gain a sense of their interest in remaining.

- Thank you certificates will also be handed out at the watershed tour end to Board members. Steve reminded the group that he has reserved a van for taking people and may have access to another one, if needed.
- Talks then transitioned to the topic of new membership. Darcie let the group know that Integral had prepared about 50 brochures for the event this weekend. It was agreed that there needs to be more emphasis on pulling in sustaining members to the group, especially with the likelihood of losing some in the future.
- The group also discussed the upcoming Adams County Fair, and plans for Barr Lake State Park and BMW to distribute information.
- *Integral will get more copies of the kid's coloring page to Michelle for the event.
- The idea was brought up to create BMW magnet as a giveaway during the event that could help people remember the group more than a paper brochure.
- The group continued discussions about future plans with those related to the newsletter. The next newsletter, it was decided, should be ready by the October stakeholder meeting. Potential articles include:
 - Lakes Appreciation Day 2009 recap with photos from Dave Mixon
 - CLRMA
 - Rocky Mountain Analyst Association
 - The CU Denver Graduate Stormwater Filtration Project
 - The TMDL approval process (possibly one for Joni Nuttle)
 - Chl-a Tech piece
 - Highlights of final modeling Report
 - Contact Brandy about another article
 - *George will send a reminder to Steve about newsletter articles.

IV. Outreach Opportunities/Other

- The first item on the outreach opportunities discussion was the Cherry Creek "Run for the Watershed" Relay Race. George will post about this on the website.
- The group also talked about the South Platte Stakeholder forum. One potential idea for an abstract was to focus on model results.
- *Integral will look into details about the event.
- The group also discussed ways to spread the word about the TMDL. One possibility was to do an event around the TMDL, perhaps during the public comment period. This could potentially happen during the public comment period and replace the October stakeholder meeting. Announcements for this event would go out in September.
- The last possible outreach opportunity was the fall birding fest on Sept. 12th.

Next Meeting

Next I/E meeting: September 17th, 2009

Draft Minutes
BMW Information/Education Committee
Thursday, September 17, 2009
Barr Lake State Park – Nature Center – 1:30 – 3:00p.m.
13401 Picadilly Road, Brighton, CO 80603

In Attendance:

Steve Lundt – Metro Wastewater
Michelle Seubert – Barr Lake State Parks

Guests:

Darcie Garland-Renn, Integral Consulting Inc.
George Patten - Integral Consulting Inc.

I. Opening

Darcie opened the meeting as attendees signed the attendance sheet
The group then summarized the agenda for the meeting

II. Updates/Recent News

- The group discussed preparation for the Cherry Creek Watershed Relay run and potential names for the BMW team. Michelle will send a message to members about the plans.
- The group then discussed the Watershed Tour from August 2009 that traced the route of Denver Water reuse water through parks and other areas in the city. It was determined that the variety of speakers at the event was successful and lent to a beneficial experience for participants. The group also discussed some ideas for the next watershed tour in 2010 with one idea being a tour of the prairie waters project in Aurora. This project utilizes well water drawn from the South Platte River and purifies it for use in the municipal water system.
- The group then discussed the Fall Birding Tour at Barr lake State Park which attracted 260 people ranging from avid birders to families and other casual visitors. The event is now being geared more towards families to encourage youths to become involved in the activities of the Park. The group discussed if any bird census or population studies occurred at the event. Michelle indicated that some bird banding occurred at the event through staff from the Rocky Mountain Bird Observatory. The e-mail list from the event was also talked about as a potential outreach tool.

III. Action List Review

- The group discussed the upcoming BMW newsletter and some potential article ideas. One is a Lake Appreciation Day review from Steve Lundt. Steve also volunteered to write an article about NALMS and alkalinity. Other ideas included a TMDL update with a possible graphic to illustrate nutrient sources in the watershed. Another idea was the draining of Milton and repairs happening to the outlet structure there. These could be handled by Laurie Rink.
- The group moved on to discussions about the South Platte Forum and a potential abstract submission based on the latest model report. This could be done in publisher format and

placed on a display board for traveling. It could also be used at future events as an outreach tool.

- *George will research display board options for the Forum.
- *Steve will generate some text for the display
- Deadline is Oct. 2nd
- More images can be acquired through AECOM if necessary

IV. Outreach Opportunities/Other

- The group discussed what the State is working on currently in relation to the TMDL
- The group discussed the public notice period and flyers for other entities to help increase awareness of the public notice/.comment period.
- *The group discussed making a list of other watershed groups to contact to update on status of TMDL
- The group also discussed the possibility for gaining new members for the I/E committee which would be important during this outreach period.
- Finally the group discussed the non point source grant from the State and some potential projects that BMW could recommend for funding. Some of these could be the in-lake treatment options discussed in the modeling report which are aimed at reducing phosphorus loads. Deadline in December 4th. Laurie could be a good contact for that.

Next Meeting

December 3rd, 2009

DRAFT MINUTES
BMW Information/Education Committee
Thursday, December 3, 2009

Barr Lake State Park – Nature Center – 1:30 – 3:00p.m.
13401 Picadilly Road, Brighton, CO 80603

Attendants

Mary Dawson – City of Aurora
Steve Lundt – Metro Division
Laurie Rink – FRICO
Michelle Seubert – Barr Lake State Park

Guests

Darcie Garland Renn - Integral Consulting Inc.
George Patten - Integral Consulting Inc.

Opening

The attendance sheet was handed out while Darcie and George briefly reviewed the agenda.

Updates/Recent News

The group opened with some discussion about recent conference attendance and poster displays including the South Platte Forum and CLRMA conference. Laurie indicated that she provided a presentation of BMW activities to the FRICO shareholders including pH TMDL updates. The group then discussed further options for presenting information about the pH TMDL. This prompted discussion about the need for an improved contact list including NPDES permit holders. This list should be guided by EPA comments concerning wasteload allocations. Other contact groups including CAFOs are needed, with input from the Farm Bureau being a helpful resource for guidance.

Outreach Materials/Opportunities

The group continued talks about targets for contacts to distribute information about the TMDL. One area is agriculture, which the group discussed may not be interested without pressure from the State. If local conferences are held that have water implications, the group should look into poster displays for that. Or if there was a water quality project in place currently, that presence could help to promote more interest in BMW efforts.

*George to investigate any existing projects, perhaps some led by CSU.

The group discussed the Rocky Mountain Arsenal as a potential target, and the possibility of exchanging articles in newsletters.

Another major group to target information is NPDES permit holders. The group discussed the need to generate an updated list of permit holders in the watershed, and what kind of message to deliver. One option is to hold an outreach meeting, or to invite these people to the stakeholder meeting. One idea is to have someone from the State on hand to answer questions about affects to permits. A mass mailing of the draft pH TMDL is another option that the group discussed would be good to send out prior to the stakeholder meeting in April.

*Send out information to NPDES permits holders and other potential stakeholders about the TMDL and stakeholder meeting in February and a reminder in March, closer to the meeting date.

*Integral will perform work to prepare an updated NPDES list.

*Laurie Rink will contact the State about guidance for developing a CAFO contact list.

The group continued talks about outreach possibilities with another target group being the stormwater council and wastewater group.

*Mary Dawson will discuss with Jill logistics for presenting information to the stormwater group.

The last major group to target is other watershed groups. These include the Big Dry Creek Watershed Association and possibly a group downstream on the lower South Platte.

*George will investigate lower South Platte groups.

*Michelle also volunteered to discuss water quality issues and the TMDL with State Park Managers during one of their monthly meetings, possibly in April.

The group shifted talks to discuss specific materials and presentations to provide to various groups concerning the TMDL. One is an updated poster display that focuses on the TMDL. This would be used for watershed conferences mostly.

*A tri-fold pamphlet will also be made as an outreach tool. This will include one side for “What is a TMDL” another for “How is the TMDL relevant to Barr Lake” and “What does this mean for permitting?” These will be general and relevant for a large audience. Integral will work on this material.

*Steve Lundt will also be creating a Powerpoint for the BMW Board in early January.

All new materials will need to be prepared prior to the next I/E meeting for editing and brought to the Board meeting for approval.

Newsletter progress

The group discussed newsletter ideas for the upcoming issue. One idea is to focus the newsletter on implementation, and provide resources for more detailed information not available in outreach materials. Some specific article ideas include:

- Adaptive vs. Phased TMDL approaches – Laurie Rink
- Tech Piece – Limnocorral – Steve Lundt
- Blurb on water quality criteria for nutrients – George
- Progress towards criteria for nutrients in Colorado – Mary Dawson
- DO and NH4 listing updates – Steve Lundt

The group also discussed progress on the dog waste sign at Barr Lake and decided to continue talks at the next meeting.

Next Meeting

George will send out reminder will possible dates.