



Meeting Minutes Big Dry Creek Watershed Association

Date/Time: Wednesday December 16, 2010, 10:00 a.m.-11:30 a.m.

Location: Broomfield Water Treatment Plant, 4395 W. 144th Avenue

Meeting Minutes

1. **Barr Milton TMDL:** Shelley Stanley and Amy Conklin (Barr-Milton Watershed Association) provided an update on the status of the draft Barr-Milton pH TMDL and implementation plan, which are being finalized for submittal to the Colorado Water Quality Control Division. (See the Big Dry Creek newsletter for a summary of key aspects of the TMDL, or the Barr-Milton website <http://www.barr-milton.org/> for more detailed information.)

Big Dry Creek is identified in the draft TMDL as a non-point source of phosphorus to Milton Reservoir. Big Dry Creek contributions are estimated at 5.9% of the total phosphorus loading to Big Dry Creek, with a 20% load reduction targeted.

Because the “data shed” boundary for Big Dry Creek relative to the Barr-Milton effort is primarily in the agricultural portion of Big Dry Creek, there was some discussion about reconnecting with the NRCS Brighton field office and landowners in the lower watershed regarding opportunities for nonpoint source phosphorus reduction, as well as current nutrient management plans that might already be in place in the watershed. There was also discussion regarding the need for understanding sources of phosphorus loading and current land management practices in the lower watershed. For example, phosphorus sources may include streambank erosion, irrigation return flows, fertilizers, manure and other sources.

2. **Watershed Plan Update:** Jane provided a handout that identified portions of the Big Dry Creek Watershed Management Plan that are outdated. The review showed that most of the plan is in need of significant updates, preferably using a modular format that will enable easy updates of information in the future. Shelley Stanley motioned that the Board authorize Wright Water Engineers to update the Watershed Management Plan at a \$10,000 level of effort. Kelly Hargadin seconded the motion, which passed unanimously. As an initial step, Jane will

prepare an information request memorandum for the cities and counties to obtain the information needed to update the plan. Updated mapping, water quality permit information, and hydrologic information are key aspects of the update. Timing for the update is targeted for the spring of 2011.

3. **Big Dry Creek Master Plan Update:** Jane reported that the draft Big Dry Creek Major Drainageway Plan Alternatives Evaluation Report will be submitted to Urban Drainage and Flood Control District (UDFCD) by Christmas. This project is co-sponsored by UDFCD, City of Westminster, Adams County and City of Thornton. (Note: Although this project is not sponsored or funded by BDCWA, the recommendations of this project will be important to watershed management in Big Dry Creek.)
4. **Biological Sampling in October:** Biological monitoring was completed in October by Aquatics Associates and city staff. Highlights of initial findings are provided in the December 2010 Big Dry Creek newsletter.
5. **Newsletter:** Jane provided a copy of the draft newsletter, which will be finalized and distributed by year-end.
6. **E. coli TMDL:** Jane reported that the draft E. coli TMDL for Big Dry Creek being prepared by Becky Anthony is expected in 2011. Jane provided information to Becky regarding the field conditions reported at the time of monthly sampling, in response to Becky's question this fall regarding whether instream samples had been collected under wet weather or baseflow conditions.
7. **Treasurer's Report:** David Carter reported that the BDCWA tax return had been filed and that he and Shelley would also be completing some routine paperwork regarding the non-profit status. Shelley also reported that WCRA voted to approve its 2011 contribution to BDCWA.
8. **Change of bdc2.0 location:** Monitoring location bdc2.0 will be moved upstream of the 128th Avenue bridge, effective beginning with the January 13, 2010 sampling event. The change is being made for safety reasons for samplers, as well as due to improved access due to pruning of Russian olives in this area. Jane requested GPS coordinates for the new sampling location for use in mapping. There was also discussion regarding debris left in the stream after the volunteer pruning effort in this area and the desire that the debris be removed.
9. **Flow Monitoring:** There was general discussion regarding the question of whether it would be beneficial to install some additional staff gauges on the creek. The group concluded that an inventory of current and future flow monitoring locations proposed by the various cities was needed first. This will be part of the information request used to update the Watershed Management Plan.
10. **2011 Meeting Schedule:** The 2011 meeting schedule was determined as follows:
 - a. March 17, 2011, 1-3 pm
 - b. May 5, 2011, 1-3 pm

- c. September 13, 2011, 1-3 pm
- d. December 13, 2011, 1-3 pm

All meetings will be held at the Broomfield Water Treatment Facility on these dates. Confirmation or changes to these dates will be provided in advance of these meetings.

Other: A hard copy of the September Board Meeting Minutes was provided as a handout at the meeting.

Attendance*

David Bauer, Weld County
David Carter, City of Westminster
Jane Clary, Wright Water Engineers
Amy Conklin, Barr-Milton Watershed Association
Kelly Hargadin, Adams County
Brett Henry, City of Thornton
Laura Hubbard, City and County of Broomfield
Lesa Julian, City and County of Broomfield
Shelley Stanley, City of Northglenn
Connie O'Neill, North Front Range Water Quality Planning Association
Peter Smith, Smith Environmental

These minutes of action constitute the record of the meeting of the General Membership and Board of Directors of the Corporation and any officer of the Corporation is hereby authorized to certify any action taken by these minutes of action as having been duly taken or ratified by the Board of Directors of the Corporation on December 15, 2010, notwithstanding the date of actual signing. Meeting minutes were prepared for the Secretary by Watershed Coordinator, Jane Clary.

By: _____
BDCWA Secretary