



**Meeting Minutes
Big Dry Creek Watershed Association
Annual Board Meeting**

Date/Time: September 30, 2013 from 1:00 p.m. to 3:00 p.m.

Location: Broomfield Wastewater Reclamation Facility
2985 W. 124th Ave., Broomfield, CO 80020

1. Election of 2014 Officers

Annual election of officers was conducted by secret ballot, with David Bauer providing his vote via email. The officer slate passed unanimously with the following individuals extending their service to the organization for an additional year:

- Lesa Julian, City of Broomfield, Chairperson
- Shelley Stanley, City of Northglenn, Vice-chairperson
- David Carter, City of Westminster, Treasurer
- Andrea Berg, Adams County, Secretary
- David Bauer, Weld County, Member At-Large

2. Budget Review

David Carter, Treasurer, provided a detailed budget report that was reviewed by the Board. The available balances are sufficient to pay expenses through 2013, with reserve funds also available. Several significant invoices are anticipated before year-end, including an additional invoice for biological monitoring and the USGS gage at Westminster. Shelley Stanley provided a new budget-scenario spreadsheet tool, developed by Eddie Taylor, which can be used for future budget planning. Shelley provided a demonstration of the tool, with the Board providing feedback, including a suggestion to keep the USGS gage costs separate from the basis BDCWA budget. The 2014 planning budget has been maintained at the 2013 funding levels.

3. Draft *E. coli* TMDL

Prior to the Board meeting, Holly Brown of the Colorado Water Quality Control Division provided a working draft of the Big Dry Creek *E. coli* TMDL to provide BDCWA with an opportunity to provide input and comment prior to completing the draft TMDL for public notice. Jane Clary provided a copy of the draft TMDL to the Board with preliminary comments, which were discussed at the Board meeting. Primary areas of comment included:

- **Spatial Concerns:** There are significant differences in instream *E. coli* concentrations by location. Use of bdc2.0 as the basis for load estimates for the creek overestimates loading to the creek for most locations, with the possible exception of bdc6.0. Additionally, sources of loading in the urban and agricultural areas are expected to differ.
- **Relationship to Flow Conditions:** Big Dry Creek has very complex hydrology that may affect the viability of the Load Duration Curve approach or require some adjustments.
- **Importance of Special *E. coli* Studies (2006-2008):** The BDCWA-sponsored special studies, including dry weather outfall sampling, were not fully integrated into the report and are important findings that should be used to better inform conclusions in the TMDL.
- **Timeframe of Data Used in TMDL:** More discussion is needed regarding the appropriate timeframe for data analysis in this TMDL. For example, major WWTP upgrades have occurred during the sampling period.
- **Other Alternatives besides Load Duration Curve:** The Board discussed the challenges in developing meaningful TMDLs and was interested in alternative approaches, if feasible.
- **"Nonpoint Source TMDL":** Previous discussions with Division and EPA staff had indicated that this TMDL would be characterized as a "non-point source" TMDL; however, the draft TMDL places more emphasis than was anticipated on MS4s.
- **Margin of Safety:** An explicit margin of safety was used in the TMDL. More discussion is needed regarding whether an implicit margin of safety may be acceptable.
- **Implementation:** More discussion and review of the implementation section is needed.
- **Watershed Facts:** A variety of factual information is incorrect. BDCWA will provide the state with comments on topics such as the correct county list, watershed area, WWTP information, hydrologic patterns, and other topics.

- Reference to EPA's 2012 Recreational Water Quality Criteria: These criteria have not yet been adopted in Colorado.

The Board directed Jane to request a meeting with the Division to discuss these comments and to learn more about the Division's process in developing the TMDL.¹ Lesa Julian noted that special studies funds budgeted by Broomfield should be invoiced prior to the end of the year to cover Wright Water Engineers' time for continued input and discussion with the Division regarding the TMDL.

4. Coordinated Regulation 85 Reporting

The Colorado Data Sharing Network is providing assistance and tools for tracking and uploading required Regulation 85 monitoring data. An email regarding this opportunity was discussed by the Board; however, the permittees plan to independently submit data directly to the Division, with support of BDCWA for shared instream data sets.

5. Barr-Milton Watershed (BMW) Update

Shelley Stanley provided an update on the Barr-Milton TMDL. Highlights included:

- Shelley is continuing to serve on the BMW Board of Directors.
- Barr Lake and Milton Reservoir now have a TMDL for dissolved oxygen and pH.
- BMW is in the third year of a special study involving limno-corrals, which have included alum application.
- New studies include alum application in canals.

6. 2013 Annual Newsletter

Jane requested content suggestions for the 2013 newsletter. Lesa Julian offered to provide an article on the grant that Broomfield has received to provide nutrient removal upgrades at their WWTP. Other suggested topics include a summary of 2012 data analysis findings, an article on the September 2013 flood impacts (particularly in Weld County), the *E. coli* TMDL, and possibly the Regulation 85 Data Gap Analysis work (depending on the timing of the report finalization and requesting appropriate permissions).

7. Colorado Watershed Assembly

Jane reported that she was attending the Colorado Watershed Assembly annual conference. BDCWA has maintained its membership in the Colorado Watershed Assembly.

¹ Note: Following the Board meeting, a meeting was held with the Division to discuss these comments. Additional meetings with the Division are planned to continue working through revisions to the draft TMDL.

8. Meeting Schedule through 2013

Jane reported that Tami Schneck will provide results of the 2012 biological monitoring at the December 5, 2013 (1:00 p.m.) meeting.

Attendance

Andrea Berg, Adams County
David Carter, City of Westminster
Jane Clary, Wright Water Engineers
Mary Fabisiak, City of Westminster
Laura Hubbard, City and County of Broomfield
Lesa Julian, City and County of Broomfield
David Meyer, City of Westminster
Evelyn Rhodes, City of Northglenn
Dennis Rodriguez, City and County of Broomfield
Shelley Stanley, City of Northglenn
Eddie Taylor, City of Northglenn

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 September 30, 2013, notwithstanding the date of actual signing. Meeting minutes were prepared for the Secretary by Watershed Coordinator, Jane Clary.

By: _____
BDCWA Secretary

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