



Meeting Minutes

Big Dry Creek Watershed Association Board of Directors and General Membership Meeting

Date/Time: December 8, 2009, 1:00 p.m. – 3:00 p.m.

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

Meeting Minutes

1. **Update on Barr Milton pH TMDL**—Steve Lundt, Metro Wastewater provided an update on the status of the Barr Milton pH TMDL. For more information, see <http://www.barr-milton.org/>. Some highlights:
 - a. Barr Lake and Milton Reservoirs exceed their pH standards. A Total Maximum Daily Load (TMDL) is being developed based on modeling that relates total phosphorus to chlorophyll-a to pH exceedences. The TMDL will seek to limit total phosphorus loading in order to reduce the pH of the lakes. The approximate target is 0.1 mg/L total phosphorus; currently the lakes are at 0.6 mg/L total phosphorus in the summer.
 - b. Some of the issues explored include natural/background pH, alkalinity and internal loading within the reservoirs.
 - c. In order to meet the total phosphorus targets, a 95% reduction in external loading to the reservoirs and a 93% reduction in internal loading have been identified based on modeling results. The largest reductions are directed toward Littleton/Englewood and Metro wastewater treatment plants.
 - d. Big Dry Creek is identified as a nonpoint source of total phosphorus loading to Milton Reservoir, estimated at 6.9% of total loading, based on modeling. Several Big Dry Creek representatives have some questions regarding the total phosphorus loading estimates from the AECOM (2009) modeling results for the Platte Valley Canal to Milton Reservoir. The modeling results are roughly three times higher than the AMEC (2008) and Lewis/McCutchan

(2009) estimates. This discrepancy is being further explored, but is suspected to be related to flow data issues.

- e. October 2009—a draft 3rd Party TMDL was provided for review and comment among stakeholders.
- f. July 2010 is the goal for submitting a 3rd Party TMDL to Colorado Water Quality Control Division. Stakeholder meetings will be held in February, April and June.
- g. A “Phased TMDL” is being pursued due to uncertainty, and 2014 is the target for an Adaptive Implementation Plan.

2. Updates and Open Discussion on Various Watershed-related Activities

- a. **Biological Monitoring Report Review Comments**—Aquatics Associates’ draft Biological Monitoring Report with 2008 sampling results was distributed in December to the Board for review and comment. Comments were requested by January 8, 2010. Please email any comments to Jane Clary.
- b. **Sampling and Analysis Plan (SAP)**—Dave Meyer provided an assessment of the Big Dry Creek SAP. In general, he thought the plan was well written and in need of only minor updating related to the current analysis being conducted, particularly with regard to Table 2. (The SAP was originally prepared by Hallie Mahan.) The group discussed procedures for accepting/rejecting data outliers and ultimately decided to leave procedures as currently described in the SAP. The SAP is important with regard to 303(d) list submittals and was provided to the Water Quality Control Division in August 2009, in response to a request for the document. Jane will generate a new Table 2 based on the 2009 monitoring results. **For this reason, it is particularly important that each data provider clearly identify test methods and the laboratory conducting the analysis when providing the 2009 monitoring data to Jane Clary for the master water quality database.** Test methods and laboratory are part of the SIM spreadsheet used by each data provider.
- c. **Website Updates**—The group agrees that the website would benefit from some general updating in 2010. Discussion included:
 - 1. Photo links/archives.
 - 2. More content on front page (general re-work of the front page).
 - 3. Provide logos of supporting organizations.
 - 4. Improve general functionality, as needed.

5. Several Board members have also provided comments via email with links to sites that they like.
 6. Jane will develop a cost estimate/scope for this effort.
- d. **Newsletter Comments**—The 2009 newsletter is complete. Please let Jane know if you would like additional hard copies.
 - e. **USGS Gaging Station Discussion**—The Board continues to be concerned about the high cost of the USGS gage at City of Westminster and discussed the pros and cons of switching to a private contractor. Several cities are paying for operation of multiple gages with a high cumulative cost. Mary Fabisiak is going to pursue some alternatives with regard to the gage. No final decision was made at the meeting.
 - f. **Status of E. coli TMDL for Big Dry Creek**—There is no new information on the Big Dry Creek E. coli TMDL. The TMDL is still anticipated to focus on non-point sources, and a draft from Becky Anthony at the CWQCD is expected sometime in the next few months.
 - g. **Status of Big Dry Creek Major Drainageway Plan Update**—Jane reported that the Baseline Hydrology Report was in progress and has been challenging due to the number of models completed over time that are being “laced together.” For more information on the update or to be placed on the project mailing list, contact Derek Rapp at Wright Water Engineers (drapp@wrightwater.com).
 - h. **Rocky Flats Stewardship Council**—Shelley Stanley noted that there was an opening on the Rocky Flats Stewardship Council and the group discussed whether a representative of Big Dry Creek would be potentially interested. Following discussion, the group decided not to pursue this opportunity.
 - i. **Analyst Appreciation Lunch**—Shelley Stanley suggested that we host a water quality analyst appreciation lunch. The group discussed having this coincide with the March 2010 meeting where water quality results are discussed so that the analysts can see how their work is being used.
 - j. **Colorado Watershed Assembly**—The group concurred that it will continue its membership with the Colorado Watershed Assembly.
3. **Next Meeting:** March 2010 (date to be determined)

Attendance

Andrea Berg, Adams County
David Carter, City of Westminster
Jane Clary, Wright Water Engineers
Mary Fabisiak, City of Westminster
Kelly Hargadin, Adams County
Roger Hollard, Todd Creek Village Metro District
Laura Hubbard, City and County of Broomfield
Lesa Julian, City and County of Broomfield
Dave Meyer, City of Westminster
Shelley Stanley, 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 December 8, 2010, 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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