



## **DRAFT Meeting Minutes**

### **Big Dry Creek Watershed Association Meeting**

**Date/Time:** May 11, 2021, 10:00 a.m. to 12:00 p.m.

**On-Line:** Microsoft Teams Meeting

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- 1. Introductions:** The meeting was attended by the Board and field and laboratory staff who are involved with the annual water quality monitoring program. Additionally, several guests attended who are involved with a special project related to *E. coli* on Segment 15 of the South Platte River *E. coli* reduction. El Laboratorio is working with youth in Adams County focusing on community engagement in *E. coli* reduction.
- 2. 2020 Water Quality Summary: Jane Clary, Wright Water Engineers**

Jane Clary provided the Big Dry Creek Annual Water Quality Report for 2020. See attached Powerpoint for draft findings.

Comments and group discussion included:

- Total Nitrogen: some unanticipated decreases in instream total nitrogen were discussed. Kelly Cline noted that the nitrogen decrease may be due to a change in outlet depth being used to discharge from Standley Lake over the past three years or so.
- Total Phosphorus: downstream of WWTP, instream concentrations still above standard; however, substantial work has been done at the WWTPs to make reductions.
- New Water Supply Standards will likely cause new stream impairments due to naturally occurring sources in upper watershed when Standley Lake is not releasing.
- Total Chromium: Dawn will add Total Chromium to the analyte list.

- Shelley Stanley asked whether any changes in flow over time are being identified related to changes in Standley Lake releases—or have the flows stayed the same over the past 10 years? Tim Green noted that the outputs from the recent agricultural modeling by CSU/ARS could likely answer that question.
- Tim Green asked about agricultural *E. coli* sources in the lower watershed. One specific area has likely cattle sources but manure spreading could be another.
- Several participants commented that they liked the addition of the additional trend/source analysis included in the 2020 annual report.

### 3. Routine Business

- a. Approval of December 2020 meeting minutes. Shelley Stanley moved to approve, John Winterton seconded the motion, which was unanimously approved.
- b. Thornton Open Space and Big Dry Creek Pilot Project Award: Jane noted that this project, which has been featured in the BDCWA annual newsletter, received the GOCO Lottery award. It will be interesting to see what types of water quality and aquatic life improvements in the stream may occur as a result of this project.
- c. Update on Westminster *E. coli* study: Heather Otterstetter noted that the City of Westminster is working on some follow-up sampling for *E. coli* source identification, but they have had some delays with Source Molecular and recent rainfall. Westminster is also planning some new upstream and downstream sampling instream to assess whether a major interceptor rehabilitation project decreases instream *E. coli*. Project area is located east of Wadsworth, west of Federal, with a portion within City Park’s boundaries. The Parks Department asked Heather’s team to begin sampling near the community dog park to present data to dog park goers on the implication of not picking up dog waste. Although the park is highly vegetated, there is still concern that dog waste may have negative impacts on the water quality.
- d. Outreach map: Juliana Archuleta will follow-up with Lisa and Jane for input and comments on the outreach map before introducing it to the larger group.
- e. Regulatory Updates:
  - i. May 2021: 303(d) List: no changes to Big Dry Creek.
  - ii. June 14, 2021: Regulation 31 (Longevity Plans, Antidegradation): Longevity plans for site-specific standards and antidegradation rule changes could affect Big Dry Creek in the future.
  - iii. Non-standard MS4 permit issued: The final permit had a number of changes, including some changes based on comments from BDCWA. *E. coli*

requirements are the general permit for Front Range Community College. It is likely that the Standard Phase 2 MS4 permits will include the new requirements in the Non-standard Permits, including dry weather outfall monitoring, storm network cleaning, public education related to *E. coli* and other requirements.

f. Focus areas for remainder of 2021:

- i. Watershed Plan Update: agree to keep simple
- ii. September: Board Business Meeting
- iii. December: Aquatic Life (Tami Schneck)
- iv. Visit our updated website for more information on BDCWA and meeting announcements: [www.bigdrycreek.org](http://www.bigdrycreek.org)

g. Woman Creek Reservoir Authority: Shelley Stanley reported that the WCRA Board would like for Jane to speak about the BDCWA annual report, particularly trend analysis, at their July board meeting.

**4. Next Meeting:** Virtual Meeting for Watershed Annual Water Quality Report will be held in September 2021, date and meeting method to be determined.

**Attendance (Via Online Teams Meeting)**

Al Quintana, City of Thornton  
Dennis Rodriguez, City and County of Bromfield  
Anastasia Bundy, Intern, City and County of Broomfield  
Theresa Centola, Undergraduate Research Assistant at CSU  
Clayton Jenson, City County of Broomfield  
Kelly Cline, City of Westminster  
Dawn Cowell, City and County of Broomfield  
Jane Clary, Wright Water Engineers  
John Winterton, City of Northglenn  
Juliana Archuleta, Adams County  
Laura Hubbard, City and County of Broomfield  
Lesa Julian, City and County of Broomfield  
Lyndsay Holbrook, Weld County  
Maggie Lewis, Wright Water Engineers  
Jake Moyer, City of Westminster  
Heather Otterstetter, City of Westminster  
Paul Hellmund, El Laboratorio  
Shelley Stanley, City of Northglenn  
Steve Scafe, Water Quality  
Swee Tee, Colorado Water Center  
Tony Steck, City of Northglenn  
Tim Green, USDA Agricultural Research Service, Fort Collins  
Tara Wilson, City of Westminster  
Catherine Trowbridge, Wright Water Engineers

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 May 11, 2021, notwithstanding the date of actual signing. Meeting minutes were prepared for the Secretary by Wright Water Engineers, Inc.

By: \_\_\_\_\_  
BDCWA Secretary