



Authority Board Chair: George Teal
Authority Board Vice-Chair: Lesley Dahlkemper
TAC Chair: Mary Kay Provaznik
TAC Vice-Chair: David Van Dellen

TAC Meeting Minutes

Chatfield Watershed Authority Technical Advisory Committee TAC

Tuesday, February 4, 2020

2:00 p. m. – 4:00 p. m.

Centennial W&S District
62 Plaza Dr., Highlands Ranch, CO 80129

Member Attendees:

Rick McCloud (Centennial WSD)
Weston Martin (Plum Creek)
Carolyn Roan (City of Littleton)
David Van Dellen (City of Castle Rock)
Alison Witheridge (Denver Water)
Bob Neal (Dominion Water & Sanitation District)
Mary Kay Provaznik (Dominion Water & Sanitation District)
Jim Dederick, (Douglas County)
Roy Laws (Jefferson County)

Alternate Members, Other Associate Agencies and Attendees:

Cathy Begej (JCD)
Director Barbara Biggs (Roxborough Water and Sanitation District)
Bill Ruzzo (CRMC)
Alan Leak (RESPEC)
Josh Phillips, (High Line Canal Conservancy)
Cathy McCague (High Line Canal Conservancy)
John Hendrick (Centennial WSD)

Call to Order

A regular meeting of the Chatfield Watershed Authority TAC was called to order at 2:00 p.m. by David Van Dellen Vice-Chair. A quorum was declared established. There were no disclosures.

Action Items/Recommendation to Board

Mary Kay Provaznik & David Van Dellen

A. Agenda Approve

It was moved to approve the agenda as presented by Weston Martin and seconded by Bob Neal; motion carried unanimously.

B. Approval of January 7, 2020 TAC Meeting Minutes

It was moved by Weston Martin and seconded by Bob Neal to approve the January 7, 2020 TAC meeting minutes as presented; motion carried unanimously.

C. Review/Approval of Invoices for Payment

Invoices were reviewed. RESPEC Invoice# 1219-2 for \$1,467.84 and Colorado Watershed Assembly Invoice# 201920 for \$5,204.00.

It was moved by Carolyn Roan to approve payment of all invoices for a total of \$6,671.84 and seconded by Weston Martin; motion carried unanimously.

Presentation

A. Highline Canal Conservancy (HLCC): Canal to stormwater/water quality feature

Chatfield Reservoir is on the south side of the High Line Canal (HLC). Delivery of water through the canal has been inefficient; 60-80% of water is lost to seepage & evaporation. The stormwater transformation & enhancement program (STEP) and HLCC plan to transition the canal into a stormwater conveyance system that promotes green infrastructure. They predict 40% cleaner water with the stormwater enhancement. They predict a wet, but not necessarily flowing, canal 100 more days per year. The canal will potentially cut across drainage ponds, where water will be retained 72 hours. Any water that does not percolate into the ground is released back into flow.

A feasibility study declared the transition feasible. The Master Plan was completed in 2018. The biggest long-term challenge and a barrier for jurisdictions is long-term maintenance of the projects (e.g. dredging of surface of the canal to keep water moving). To hand off maintenance to jurisdictions, the formalized agreement has been an Intergovernmental Agreement (IGA).

Action Item: HLCC to caption of benefits (specifically phosphorus benefits) for the Chatfield Watershed Authority's annual report.

Discussion Items

A. Nonpoint Source Project & Other Consultants Budget

These funds will probably not be used for a continuous monitoring program, but rather short-term. Some funding will be used for the CSM (School of Mines) project.

- a) One member suggested selenium monitoring on Willow Creek as an NPS project. Willow Creek was recently added to the 303d list with no development in the area. Willow Creek may be on the 303d list under a category for streams with naturally occurring selenium and no further actions needed.
- b) Recommendation that agricultural be a focus for sediment and nutrient reduction. The NRCS has \$4M in funds for Colorado sourcewater priorities. To receive that funding, private landowners may match 15-20% of the cost. CWA might cover that personal cost.
- c) Suggestion that there be a wildfire mitigation component, although the effects so far have been minimal in the Chatfield watershed. In Roxborough State Park, there will be a wildfire mitigation project. The State Forest Service may want individual, private landowners to put money in for funding projects. Chatfield may be able to cover some personal cost.

Action Item: Bill Ruzzo to locate Holland's Farm Study information to send to Alison Witheridge before the February 17th FS meeting.

Technical Updates

A. Technical Member Updates (Members)

- a) RESPEC
 - i. **Watershed Model Update / Lynker**
Clarified Tasks 2 & 3 in the Final Report of the Lynker model.

CWA can move forward with Task 2 (nutrients) and wait on Task 3 (BMP scenarios). Alison has GIS reports she can forward it to RESPEC. CWA may need a sub-committee to decide exactly what to model. Task 2 could be done in April. Task 3 could be ready by June.

Action Item: Draw up contract with Lynker.

ii. **CDPHE Jellystone Response**

CWA has authority to review and recommend. CWA is absent of a 208 plan. Therefore, CDPHE is responsible and has final authority. Recommend RESPEC submit response letter as a public comment letter.

Action Item: Manager send out electronic version of Jellystone Response. Members to respond with recommended changes. Send to RESPEC before end of week (2/7/2020).

Action Item: Recommend a formal public comment be submitted.

iii. **Water Quality Data Update**

In compliance for Chlorophyll a and Phosphate.

iv. **WQCC Regulations Update**

No need identified to date for CWA to provide public comments.

v. **Annual report Due March**

RESPEC must submit data and Annual Report to CDPHE by May 15th. Internal deadline is May 1st. Members please send NPS project information to RESPEC.

Action Item: RESPEC will prepare a water quality data draft report by mid-March that TAC can review before the April 7 TAC meeting.

Action Item: February board meeting discuss how Board wants to be involved in the Annual Report.

b) **CRMC**

RESPEC will provide documentation of TMAL calculation process.

Action Item: TAC members to review the draft WQ Report by April 7th. CRMC needs before April 15th.

c) **Other Member**

Castle Rock Water has hosted a household chemical round-up that protects water quality from sanitary & stormwater dumpage with Tri-County and Douglas Co. Castle Rock Water is looking for a new site to host this event in September.

B. Manager's Update

a) Dues Billing Has Been Sent

b) CWA specifically looking for an on-call legal consultant. Member provided contact information for Laura Chartrand who is starting her own practice.

C. Financial Recap

a) Chatfield Watershed Authority Financial Recap from December 31, 2019 was shared and reviewed.

D. Public Outreach

a) Website Review memo from Hughes & Stuart Website recommended SiteLock security be put on the website for visitors to the site along with some additional revisions.

Action Item: Manager speak with TAC Chairs about recommended website revisions.

Parking Lot

- A. Refine trading rules review process that will be responsive to requests
 - a) Manager work with RESPEC to bring forward a draft of revisions in 2020.
- B. Identify Potential Nonpoint Source Projects in Basin
 - a) Invite CDOT Mitigation Pool Manager to present on trade
 - b) Wildfire Mitigation / Blue Forest Conservation – approach, how to fund, who else might be funders
- C. Presentation Recommendations
 - a) Park Manager from Roxborough or Weston Toll from State Forest Service
 - b) Ken Caryl Ranch Metro District
 - c) Sterling Ranch
 - d) Denver Botanic Gardens at Chatfield
 - e) Jeffco Open Space (Lidar Project)
 - f) Lockheed Martin
 - g) IREA / South Metro or West Metro Fire Departments (wildfire mitigation)
 - h) Highlands Ranch Metro District
 - i) Tri-County Health
- D. Modify membership structure
 - a) Set special TAC agenda as a “Partners” meeting inviting all TAC partners
 - b) Develop policy for affiliate members to encourage membership or sponsorship
 - c) Policy recommendation to the Board
- E. 2021 Budget could allocate dollars for stormwater monitoring to obtain meaningful & useful results
- F. What is CWA’s mission?
 - a) TAC develop slogan and present to Board
 - b) Review and update CWA website section by section

Upcoming Meetings

- A. **Next Scheduled TAC Meeting:** Tuesday, March 3, 2020: 2:00 – 4:00 p.m., Army Corp Building, 9307 South Wadsworth Blvd., Littleton, Co Conference Room
- B. **Next Scheduled Board Meeting:** Monday, February 10, 2020: 3:00 – 5:00 p.m., Douglas County Sheriff Substation Community Room, 9250 Zotos Drive, Highlands Ranch, CO 80129

3:55 p.m.

Adjournment of Meeting