



## CHATFIELD WATERSHED AUTHORITY

### Board Meeting Minutes December 8, 2010

**MEMBER  
ATTENDEES:**

Fred Bromberger (City of Littleton)  
David Van Dellen (Castle Rock)  
Andy Hough (Douglas County)  
Joe Fowler (Douglas County)  
Lissa Oelkers (Castle Pines Metro  
District)  
Larry Moore (Roxborough WSD)  
Martha Hahn (Plum Creek WWA)

Jack Ostrowski (Plum Creek WWA)  
Ronda Sandquist (Dominion,  
Jackson Creek)  
Kristi Livedalen (Roxborough WSD)  
Matt Krimmer (Town of Larkspur)  
Diana Miller (Perry Park WSD,  
Louviers)  
Pat O'Connell (Jefferson County)

**OTHER ATTENDEES:**

Julie Vlier (CWA Management Team)  
Karlie Mark (CWA Management Team)  
Sean Warren (Ken Caryl Ranch)  
Chris Pacetti (Ken Caryl Ranch)

**Call to Order:**

The meeting was called to order at 2:00 p.m. by Larry Moore.

**Items Requiring Board Action:**

- A. Approval of October 27<sup>th</sup>, 2010 Meeting Summary** – Ronda Sandquist and Kristi Livedalen presented a revised version of the October 27<sup>th</sup> Meeting Summary. The majority of the revisions were to Board Action items regarding the 2011 Budget, Colorado Nutrient Coalition and the informational item regarding Sacred Heart Retreat. Diana Miller moved and Ronda Sandquist seconded to approve the revised October 27<sup>th</sup> Meeting Summary. The vote was unanimous.
- B. Financials** – Treasurer Lissa Oelkers summarized the October and November 2010 Bank Statement & Financial Report. Some members have paid 2011 dues.
- C. Approval of October/November 2010 Invoices** – Julie Vlier summarized the October/November invoices totaling \$ 16,633.45. The Managers Report provided detail on Tetra Tech services provided during this invoice period. Ronda Sandquist moved and Pat O'Connell seconded approval for payment of the October/November Invoices as presented in the Board packet. The vote was unanimous.
- D. Election of 2011 Officers** – 2011 Elections took place for the Authority Co-Chairs and TRC Chair. Larry Moore and Kevin Urie expressed interest in serving another term as Authority Board Co-Chairs, as was David Van Dellen, TRC Chairman. Martha Hahn moved and Andy Hough seconded a motion to retain all the existing chairs in their position. The vote was unanimous.

- E. TRC Recommendations to the Board** – Martha Hahn summarized the TRC recommendation to request letter proposals from limnologists to evaluate and analyze Chatfield’s 2010 water quality data, provide scientific rationale for the chlorophyll-a and total phosphorus concentrations during the growing season, provide recommendations for refinements to monitoring program, and insights to improve water quality. The anticipated level of effort for this work is not to exceed \$10,000. The Manager will draft a Request for Proposal and a summary of the services that will be ready to submit the week of December 13<sup>th</sup> to qualified candidates. Chatfield historic data will be made available to those proposing on the work. The RFP will request the letter proposals be submitted by January 6, 2011, in time for distribution and discussion at the January 11<sup>th</sup> TRC meeting. The Board approved a motion to move forward with obtaining proposals from the limnologists. The vote was unanimous.
- F. Colorado Nutrient Coalition (CNC)** – Ms. Hahn provided a status update on the dynamic stakeholder process of the nutrient criteria discussions. The Water Quality Control Division (WQCD) is moving ahead with a “nutrient control regulation” proposal that was initially brought forward by Metro Wastewater Reclamation District, and subsequently embraced by the WQCD. In response to wastewater facility concerns, the Colorado Water and Power Authority has proposed to fund studies on the nutrient control regulation proposal and in particular the fiscal impact of the proposed criteria to the regulated community. The Colorado Water and Power Authority has discussed funding a \$300,000-\$400,000 study to address the economic impact and benefits of the nutrient proposal, however this study cannot be completed on the current hearing schedule. The Colorado Water and Power Authority has therefore requested to the Water Quality Control Commission (WQCC) a six-month delay to the nutrient criteria hearing. In the meantime, the CNC is still in need of additional funding to support work that was completed by consultants Jim Hall and Tad Foster over the contemplated budget. Board member Martha Hahn recommended the Board provide \$4,000 of additional funding to support the Colorado Nutrient Coalition budget exceedance. Board members against providing the funding discussed that the Authority has a very limited budget to support additional expenses. The 2011 operating budget is very dependent on revenues from member dues, and still questionable until 2011 dues are received from members. Others expressed concern on supporting and funding services and outcomes not germane to the Authority since the Authority has a control regulation that addresses phosphorus and nitrogen. Manager Julie Vlier suggested another option to securing funding for the overage would be for each individual entity in Chatfield Watershed Authority who supports the funding to approach their respective boards for additional funding. Andy Hough said he would need much more information about the CNC including what the funding is going for and the services rendered in order for him to approach Douglas County for funding. Treasurer Lissa Oelkers said there was adequate 2010 budget to cover the \$4,000 request for funding. Pat O’Connell moved and Martha Hahn seconded a motion to provide the CNC with \$4,000 of additional funding. Those in favor were Castle Pines Metropolitan District, City of Littleton, Jefferson County, Louviers Water and Sanitation District, Perry Park Water and Sanitation District, Plum Creek Wastewater Authority and Town of Castle Rock. Member opposed were Douglas County, Dominion Water and Sanitation District, Jackson Creek Metropolitan District, Roxborough Water and Sanitation District, and Town of Larkspur. The weighted vote carried and the \$4,000 was approved from the 2010 budget. Martha agreed to provide the Authority with email updates from the CNC, including the request the Colorado Water and Power Authority has made to the WQCC on the hearing delay.

### 3:00 p.m. Informational Items

- A. TRC Informational Update** – Julie Vlier provided an update on the November 16<sup>th</sup> TRC meeting discussion for an ISDS special study for Plum Creek. The study would include collecting and analyzing surface water and alluvial water samples to better characterize water quality and understand potential impacts from ISDS in this portion of the watershed. Warren Brown, Tri County Health, discussed other ISDS studies conducted in the Colorado, potential aspects of the monitoring network design for the proposed special study, water quality models, and Colorado School of Mines expertise. Katherine Lowe, Colorado School of Mines, has been invited to the next TRC on January 13<sup>th</sup> to discuss project aspects, input on monitoring network design, models, etc.
- B. Reservoir and Watershed Water Quality Update** - Sampling was completed by Denver Water in October and November, 2010. Graphical representations of the data were provided in the packet.
- C. Grants Update** – Julie Vlier provided an update on the following grants:
- Watershed Plan, Nonpoint Source Program, Section 319 Grant - The draft watershed plan grant was provided in the packet and is due as final on December 15<sup>th</sup>. Town of Castle Rock will serve as the fiscal agent for the grant. Verbal commitments from in-kind partners, including Board member agencies, were requested. The stakeholder meetings will be facilitated by Jeff Crane, Executive Director, Colorado Watershed Assembly. The grant proposes to use River Watch as a means of supporting environmental monitoring in the watershed and Denver Water, Plum Creek Wastewater Authority, and/or ACZ laboratories for analyzing the data. It was suggested the Authority consider budgeting additional monitoring in conjunction with River Watch to support the monitoring effort. . After this plan is completed the Authority will be eligible to receive additional funding for projects such as watershed modeling, stream restoration projects and ISDS conversion projects, etc.
  - The Watershed Restoration Grant, CWCB – Grant applications are due January 31<sup>st</sup>. Representatives from Ken Caryl Ranch attended the meeting to express interest in pursuing the grant request for restoration of Upper Massey Draw. Ken Caryl has seen significant head cutting along stretches of Massey Draw near the equestrian center. Headcutting is so significant that it exposed a prehistoric mastodon skeleton along the Massey Draw corridor. Ken Caryl currently has approximately \$100,000 budgeted for projects such as stream restoration, monitoring, habitat analyses, aesthetics, etc. The Board members agreed that it would benefit the Authority to partner with Ken Caryl Ranch to pursue this grant. Julie Vlier will assist in pulling together grant information and in-kind dollars to support Ken Caryl's efforts in the Chatfield Watershed.
  - CDPHE Mini Grant – River Watch Program in Douglas County School District - Outreach and Education Opportunities. Julie has coordinated with Mark Shively, Douglas County Water Resources Authority, and Jay Skinner, Division of Wildlife, on opportunities with an IB Environmental Science class that may be interested in water quality and ecology projects in the watershed.
- D. 208 Water Quality Planning Responsibilities** – DRCOG has provided subsequent correspondence to the Governor confirming its request for de-designation of its 208 planning responsibilities. Board members discussed the Authority's potential future role to support or assist the WQCD in implementing Section 208 of the Clean Water Act, which entails resources to develop and implement the following 208 planning responsibilities. After discussion the Board agreed it was important to put together a matrix of what the 208

responsibilities would entail and look at the effort that will be required from the Authority as well as costs associated with taking on this responsibility.

**E. Phased TMDL for Barr Lake and Milton Reservoir** – Julie Vlier provided an update on the phased TMDL and Implementation Plan that was released by the BMW workgroup. Copies were provided in the packet. Chatfield, Bear Creek, and Cherry Creek Reservoir loads are considered background with a target load reduction of 75% and total load of 756 kg/yr to Barr Lake and 64 kg/yr to Milton Reservoir. There is no scientific correlation between pH and phosphorus, however, BMW is still proposing phosphorus reductions. The Authority will stay tuned for additional updates.

**F. Authority Member Updates**

- Larry Moore provided an update on Lockheed Martin. Kevin Urie and Julie Vlier went before the WQCC regarding Lockheed Martin in September to follow up on an Agenda item regarding Lockheed's participation in the Authority. The Commission expressed concerns and instructed WQCD staff to draft a letter on their behalf to Lockheed. The letter sent to Lockheed Martin was included in the packet.
- Andy Hough informed the group of several Douglas County projects moving forward such as the grazing program, Prairie Canyon Ranch, demonstration projects and applying for NRCS funding as well.

**G. Managers Report** – The Manager referred to the report in the packet for management activities conducted during the October/November period. Julie reminded the Board of upcoming meetings as follows:

- **January 13, 2011, TRC meeting, 2-4 pm, PCWA.**
- **January 26, 2011, Chatfield Watershed Authority Board Meeting, 2-4 pm, PCWA.**

**The meeting was adjourned at 4:00 pm by acclamation.**