



CHATFIELD WATERSHED AUTHORITY

TRC Meeting Summary July 10, 2008

Member
ATTENDEES: Martha Hahn (PCWA) David Van Dellen (Castle Rock)
Fred Bromberger (Littleton) Penny Wilkinson (Lockheed Martin)
Dan Dertz (Douglas County)
Kristi Livedalen (Perry Park, Jackson
Creek, Rox., Dominion)
Tim Friday (Castle Rock)

OTHER ATTENDEES: Tamara Allen (WQCD) Ken Brink (State Parks)
Craig Wolf (GEI) Amy Conklin (CWA Management
Neil Geitner (Ravenna) Team)
Hope Dalton (Tri-County)

Call to Order:

Approval of May 8 and June 12 2008 Meeting Summaries – Penny Wilkinson moved and Dan Dertz seconded approval of the meeting summary for May 8th with the corrections that 'TRC Board' be changed to 'TRC', 'lager' be changed to 'layer', and 'Lorena' be changed to 'Loreina'. The vote was unanimous. Tim Friday moved and Penny Wilkinson seconded approval of the June 12th meeting summary with the change in title from 'TRC Board' to 'TRC/Board'. The vote was unanimous.

New Business:

Update on Proposal for Rulemaking Hearing in November – A brief update on communications with the WQCD was given by Amy Conklin and Kristi Livedalen. There appears to still be a possibility of working on a compromise between the WQCD proposal and the Authority's.

Capital Projects Activities List– Developing a list of potential capital projects was an action item from the Annual Retreat. The group recommended that a subcommittee be formed to work on developing a list. The subcommittee will be comprised of Patrick O'Connell, Erik Nelson, David Van Dellen, Brooke Fox, and Amy Conklin. Amy will prepare a draft one-page summary of Massey Draw and forward it to the subcommittee for them to copy in preparing a one-page summary for a project for their organization.

Old Business:

Discussion of Data Request for Reg # 38- The TRC discussed the data request from the WQCD for data for the Informational hearing on Reg. #38. Amy Konowal with the WQCD stated that Excel spreadsheets were acceptable. By consensus, the group decided to forward a favorable recommendation to the full board to submit the Authority's historical temperature, chlorophyll and total phosphorus data.

Discussion of Authority Participation in West Creek (Hayman Burn) 319 – The TRC reached consensus that the Authority’s consultants, Tetra Tech and CAS, should contract separately with Douglas County to conduct the monitoring program and report preparation for the West Creek project. They further requested that the Authority be copied on invoices from their consultants submitted for the project and that the invoices be included in meeting packets.

Massey Draw PIP – The group discussed the potential loan from the Cherry Creek basin Authority of 3 transducer flow monitors and how it could be incorporated into the PIP. The group recommended that the full board approve a scope of work for Massey Draw that included the flow monitors as in-kind match. Tammy Allen later confirmed that loan of the monitors could be included as in-kind match. She further reminded the group that a separate sampling and analysis plan for the project would need to be approved by the state no later than when we go out to sample. A revised draft of the PIP will be available before the board meeting on the 23rd.

Ravenna Backwash Disposal Options – Neil Geitner, Mr. Geitner is the engineer for Ravenna Metropolitan District and prepared handouts for the group to describe Ravenna’s water treatment system backwash tank water discharge. Ravenna operates a microfiltration unit to treat raw water for drinking within the district. Approximately every 30 minutes a backwash cycle is initiated when the plant is in use. About 200 gallons of water are discharged to a 10,000 gallon holding tank. Solids from the backwash cycle are settled in the tank. The tank is periodically cleaned with the solids trucked to a publicly owned treatment facility.

The backwash tank drains via a fixed weir to a man hole that contains 2 to 80 gallon per minute pumps. Water in the manhole is pumped back to the source water pond, Pond 14. Pond 14 has no normal discharge and is the buffer storage pond for the golf course and drinking water systems. The only other discharge to this manhole is from the storage tank under drain system. This system has been dry to date.

In late April, one of the existing pumps failed. The system was set up to run with only one pump. On or about May 1st, an alarm indicated that the second pump had also failed. The water treatment system was shut down. On May 5th, the District determined that sufficient fire protection water storage couldn’t be maintained without treating water. On May 6th, a discharge permit was obtained from the CDPHE to directly discharge manhole #2 water to a tributary to the South Platte.

On June 12th, the District contractor replaced both malfunctioning pumps. The District ceased direct discharge on that day. The Authority advised the District to seek an alternate disposal method. At this time, with the Roxborough prohibition on discharge to its interceptor system, no other options appear open. The District will pursue land application of the water to the surrounding landscaping. The District will maintain the permit in case the system fails again.

The group expressed interest in having a tour of Ravenna and it’s treatment system.

Adjournment – The meeting was adjourned at 3:50 pm by consensus.

Action Items:

Set up tour of Ravenna

New revision to Massey Draw PIP

Send a draft one page summary of a capitol project to the subcommittee