



APPROVED June 10, 2009

Capitol Region Watershed District

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Citizen Advisory Committee Meeting May 13, 2009 – 7:00 p.m.

CAC Members Present:

David Arbeit, Jim Cotner, Michael MacDonald, Shirley A. Reider, Jerome Wagner, Bruce Holdhusen, Bill Barton and Paul Kammueler.

Members absent with notice: Steve Duerre, Ted McCaslin, Michelle Ulrich, Judith Monson, Brandon Wiarda (*absent until spring 09*).

Others Present:

CRWD Manager Mike Thienes
Mark Doneux, CRWD Staff
Forrest Kelley, CRWD Staff

1. Welcome, Announcements, and Updates

Shirley Reider opened the meeting at 7:02 p.m. with a request for announcements.

2. Public Comment – For items not on the Agenda.

Shirley Reider noted that there was an interesting show on television titled “Poisoned Waters”. Bruce Holdhusen highlighted some topics at the spring Minnesota Groundwater Association meeting including a session on groundwater/surface water interaction. He also noted that following Greg Brick’s presentation he has become more aware of groundwater seeps in his neighborhood.

3. Approval of Agenda

Ms. Reider asked for additions or changes to the agenda. There were two minor changes to the agenda.

CAC 09-05-01 Motion: *To approve the CAC May 13, 2009 agenda as amended.*

Arbeit/MacDonald
Unanimously approved

4. Approval of the April 8, 2009 CAC Minutes

Ms. Reider asked for additions or changes to the April 8, 2009 CAC Minutes.

CAC 09-05-02 Motion: *To approve the April 8, 2009 CAC Minutes as presented.*

Arbeit/Holdhusen
Unanimously approved

5. Items for Review and Comment Requested by Board of Managers

Draft 2008 Monitoring Report – Mark Doneux, Administrator

Mr. Doneux reviewed the 2008 draft Monitoring Report. Mr. Doneux stated he would review the monitoring locations, monitoring methods, the data analysis, monitoring results, and the proposed 2009 Monitoring. Mr. Doneux said CRWD achieved an average monitoring efficiency of 100% at the baseline sites in 2008, meaning that 100% of possible data was obtained during the monitoring season. Only one full water quality site, Como 7, missed data on 3 days. Missing data occurs because of equipment failure, vandalism, or power failure. Mr. Doneux said 2008 was a below average year for precipitation and temperature based on

historical normal averages. Compared to other monitoring years, 2008 was drier than 2007 and 2005 while 2006 was similar to 2008. Most baseline monitoring sites were in operation for roughly 200 days with the exception of Saint Anthony Park, which was only operating 130 days because of high water levels in the river delaying installation of monitoring equipment. For the most part, CRWD stormwater runoff was more polluted for TP and TSS than the Mississippi River and minimally impacted streams in this ecoregion with CRWD baseline monitoring sites having higher total flow-weighted average concentrations. While East Kittsondale subwatershed had the highest TP and TSS flow-weighted average concentrations, Trout Brook subwatershed had the lowest flow-weighted concentrations. Mr. Doneux said besides phosphorus and sediment being pollutants of concern in CRWD, metals and bacteria issues were identified in 2008. During storm events, the average lead and copper concentrations at all baseline monitoring sites except one were higher than the state standards. Average zinc concentrations during storms at five baseline monitoring sites were higher than the state standard. Mr. Doneux said nearly all samples from every site during storm events in 2008 exceeded the maximum standard for *E. coli* bacteria with many concentrations an order of magnitude higher than the maximum standard. Conversely, during dry weather, all baseline monitoring sites except East Kittsondale met the maximum standard for *E. coli* bacteria. At East Kittsondale, during baseflow conditions every bacteria sample but one was in excess of the maximum standard. Of note, the fall bacteria samples collected during dry weather were two orders of magnitude higher than the maximum standard. Based on the results and findings of the 2008 monitoring program, CRWD makes several recommendations for 2009. CRWD will develop and implement an illicit discharge detection and elimination program to determine the sources of the high bacteria concentrations in CRWD especially at East Kittsondale during dry weather. CRWD will also further investigate the data from the subwatersheds of most concern to better identify relationships between portions of the subwatersheds and variations from year to year, and the differences in discharge and pollutant loading between baseflow and storm flow.

CAC 09-05-03 Motion: *To recommend approval of the 2008 Monitoring Report.*

Cotner/Kammueler

Unanimously approved

6. Discussion

Permit Program Update, Forrest Kelley, Permit Program Coordinator

Forrest Kelley gave the CAC an update on the Permit Program. Mr. Kelley stated that CRWD has been issuing permits under Rules since October 1, 2006. In 2008, the District received 33 permit applications. The Board of Managers approved 26 stormwater management permits, three erosion control permits, and two wetland management permits. Mr. Kelley reviewed a table that is an excerpt from the permit database summarizing the pertinent information regarding the permits processed in 2008. Mr. Kelley presented a summary of the 2008 permit activities as well as a presentation on the District's one inch volume reduction standard that has been presented at a number of local and national conferences.

The CAC thanked Mr. Kelley for his presentation.

Reschedule November CAC Meeting

Administrator Doneux said the November CAC Meeting is scheduled for November 20th, Veteran's Day. The CRWD office is closed Veteran's Day.

7. Staff and Program Updates

Watershed Management Plan Update

Administrator Doneux indicated that the draft implementation section will be on the CAC Agenda in June.

8. Board of Managers and CAC Observer Update

Bill Barton attended the April 15th meeting. Mr. Barton reported the activities of that meeting.

Jerry Wagner attended the May 6th meeting. Mr. Wagner reported the activities of that meeting.

Manager Thienes reviewed recent Board actions including a permit and grant update. Manager Thienes said the Board reviewed the 2008 Monitoring Report, heard from St. Paul regarding their Stormwater Management Study and the Cleveland Randolph Groundwater Study. He also noted and commented on numerous permit applications and Stewardship Grants that have come before the Board

9. Discussion - New & Old Issues

10. June 10, 2009 Agenda Overview

11. Adjourn - Committee agreed to adjourn at 8:55 by consensus.

Respectfully submitted,

Mark Doneux