



APPROVED March 9, 2011

Capitol Region Watershed District

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Citizen Advisory Committee Meeting Wednesday February 9, 2011 – 7:00 p.m.

CAC Members Present:

David Arbeit, Bill Barton,
Janna Caywood, Steve Duerre,
Jerry Kafka, Michael
MacDonald, Ted McCaslin,
Ole Olmanson, Gwen Willems

Members absent with notice:

Shirley A. Reider, Michelle
Ulrich

Others Present:

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

Welcome, Announcements, and Updates

Ted McCaslin opened the meeting at 7:05 p.m. with a request for announcements. Gwen Willems, Ramsey Conservation District (RCD) Supervisor introduced herself. Ms. Willems is the CAC member representing RCD.

Public Comment – For items not on the Agenda.

There were no public comments.

Approval of Agenda

Mr. McCaslin asked for additions or changes to the Agenda. There were no additions or changes to the Agenda.

CAC 11-02-01 Motion: *To approve the CAC February 9, 2011 agenda as provided.*

Arbeit/Duerre

Unanimously approved

Approval of the January 12, 2011 CAC Minutes

Mr. McCaslin asked for additions or changes to the January 12, 2011 CAC Minutes. Ms. Caywood noted that the discussion of community involvement in the floating island process was not in the minutes. Ms. Nelson will add the discussion to the January 12, 2011 CAC Minutes.

CAC 11-02-02 Motion: *To approve the CAC January 12, 2011 CAC Minutes as amended.*

Duerre/Arbeit

Unanimously approved

Items for Review and Comment Requested by the Board of Managers

Draft Small Site Analysis Report, Forrest Kelley

Mr. Kelley said currently within a majority of CRWD, developments on sites less than one acre are not required to provide practices to improve water quality. In 2009, the Board directed staff to assess the feasibility of implementing volume reduction and water quality standards on development sites disturbing less than one acre of land. On August 26, 2009, the Board authorized a contract with Wenck Associates not to exceed \$16,000 to complete the small site feasibility study. Project delays occurred due to difficulties in site selection and obtaining plans for review.

Mr. Kelley said site plans were obtained for 5 developments that received municipal approval that were not required to incorporate water quality practices. Mr. Kelley explained that Wenck Associates reviewed the plans, assessed the Total Suspended Solids (TSS) discharged from the approved developments and created conceptual plan modifications to achieve compliance with 0.5-inch and 1.0-inch volume reduction standards. Mr. Kelley said cost increases were estimated to assess the economic impact resulting from compliance with both the standards. Before presenting to the Rules Technical Advisory Committee (TAC), staff will incorporate updated 2009 and 2010 City Site Plan Review numbers and volume reduction estimates similar to the data provided previously. Mr. Kelley said the draft report focuses on the feasibility and cost of implementation and is intended as guidance for staff to determine the next steps in achieving volume reduction on small sites.

Mr. Kelley provided a summary of the small site analysis report on the five sites that were reviewed. There were three conditions for each site. Mr. Kelley explained that for each condition they calculated the quantified runoff rate, volume retention and water quality. Mr. Kelley noted the concept designs for 0.5- and 1.0-inch volume standards. Mr. Kelley said it can be implemented on four of five sites. The fifth site is considered a “stormwater hotspot” so filtration is proposed. Mr. Kelley said the cost varies from <1% up to 11% for the filtration design. Mr. Kelley explained the cost summary for each site. Mr. Arbeit asked if about going down to .5 acre. Mr. Kelley said the study is to research what would be an appropriate threshold for the District.

Mr. Kelley said this presentation was provided as a basis for creating a policy for projects under an acre. Mr. Kelley added that this information will also be provided to the Technical Advisory Committee for suggestions. Discussion occurred. The Committee thanked Mr. Kelley for the presentation.

Discussion

2010 Permit Program Update, Forrest Kelley

Mr. Kelley noted that the District has been issuing permits under Rules since October 1, 2006. Mr. Kelley reviewed the permit process for permits approved and inspected in 2010. In 2010, the District received 33 permit applications. The Board of Managers approved a combination of 26 stormwater management permits, 26 flood control, 33 erosion control permits, two Trout Brook connection permits and two wetland management permits.

Mr. Kelley said staff will use a BMP database software to map the project type, location and maintenance to make sure they are doing what they were designed to do. Mr. Kelley said staff have reviewed two software possibilities so far. Discussion occurred.

Staff and Program Updates

Trillium Site Hydrology Study

Administrator Doneux said the City of St. Paul, over the next several years, plans to develop the new Trillium Nature Sanctuary. This area is approximately 41 acres and is bound generally by 35E on the east, Cayuga St. on the south, Agate St. on the west, and Maryland Ave on the north. One of the major elements of the new park will be a new stream segment running the length of the park along with some associated wetlands/ponds. The District’s 2010 Watershed Management Plan includes a major theme of “Bringing Water Back to St. Paul”. Administrator Doneux said the development of the Trillium site with the proposed water resource features fits very well with this theme. The District’s Stream Corridor Restoration Plan identifies the Trout Brook Corridor as a high priority for stream corridor restoration. The Trillium Site represents the middle section of this corridor.

Administrator Doneux said the City will begin remediation of the site in 2011-2012 to deal with contaminated soils. The City will also begin the final design for the site in late 2011. At this time a feasibility study is needed to determine the source of water for the ponds, wetlands, and stream envisioned

“Our mission is to protect, manage, and improve the water resources of the Capitol Region Watershed District.”

for the site. The feasibility study would also develop a preliminary plan for the site. Administrator Doneux said District staff, with City staff input and review, have completed a draft Request for Proposals (RFP) for the Trillium Site Water Resource Feature Feasibility Study and the Board authorize Staff to Distribute the Trillium Site Water Resource Feature Feasibility Study Request For Proposals. Administrator Doneux said he expects the Board to make a selection in March.

2011 Stewardship Grant Program Updates

Administrator Doneux said the Board approved modifications to the 2011 Stewardship Grant Program

- For rain garden projects on single-family residential properties, the grant award will be estimated using one unit cost of \$4 per cubic foot of stormwater treated. For example, a 100-square foot rain garden that treats 120 cubic feet would receive a \$480 grant. Currently, grant awards are estimated using individual unit costs for each eligible rain garden material.
- For rain garden projects larger in scale or innovation (i.e., boulevard raingardens, raingarden with driveway trench grate), grant awards will be estimated on a case-by-case basis.
- For rain barrel projects no more than \$200, CRWD residents do not need to complete a Stewardship Grant application. After purchasing the rain barrel(s), eligible recipients shall fill out a reimbursement form and submit receipt. Estimating the rain barrel grant award would remain the same – 50% of the total cost of rain barrel(s).
- For rain barrel or other water collection/reuse projects greater than \$200, grant awards will be estimated on a case-by-case basis or follow the Community Rain Barrel Workshop Program.
- For other water quality improvement projects (i.e., green roofs, pervious pavement), grant awards will be estimated on a case-by-case basis.
- CRWD Administrator will review and approve Stewardship Grant applications and amendments not to exceed \$2,000.
- CRWD Board of Managers will review and approve Stewardship Grant applications and amendments greater than \$2,000.

Board of Managers and CAC Observer Update

Manager Thienes reviewed recent Board actions including a special report from Ryan Johnson from Ramsey Conservation District who provided an update and statistics for both the Stewardship Grant Program and the Lake McCarrons Shoreline Restoration project. The Board reviewed a draft of the 2010 WMP Summary. Manager Thienes said the Board suggested many revisions before it is distributed to the CAC.

Discussion - New & Old Issues

March 9, 2011 Agenda Overview

David Arbeit announced he will be absent the April 13th meeting.

Adjourn – The meeting adjourned at 9:20 pm by consensus.

Respectfully submitted,

Dawn Nelson

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