



Capitol Region Watershed District

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Approved September 10, 2014

Citizen Advisory Committee Meeting Wednesday, August 13, 2014 – 7:00 p.m.

CAC Members Present:

Gwen Willems
Bill Barton
Mike MacDonald
Richard Weil
Michelle Ulrich
David Arbeit
Ted McCaslin

Members absent:

Kathryn Swanson, w/notice
Steve Duerre, w/notice
Pat Byrne, w/notice

Others Present:

Mark Doneux, CRWD
Michelle Sylvander, CRWD
Forrest Kelley, CRWD
Joe Collins, President – Board of Managers
Shirley Reider, Board Manager
Angela Gorham, SRF Consulting Group
Walter Eshenaur, SRF Consulting Group
George Carter, Resident
Michael Varnado, Resident

Welcome, Announcements, and Updates

Ms. Willems opened the meeting at 7:00 p.m. with a request for any announcements.

Steve Duerre's mother passed away, a card was passed around for members to sign.

Public Comments

Residents near the Wheelock Parkway and 35E attended to share their concerns about a storm drainage pond. Mr. Kelley invited Mr. Michael Varnado and Mr. George Carter to attend the meeting to share their concerns of MN DOT expanding the size of an existing pond. The pond is located across from a soccer field. Many times stray soccer balls end up in the pond. The residents shared their concern of a larger sized pond attracting more children to play near the pond. Members of the CAC agreed to allow extra time for the residents to share their concerns. Mr. Kelley will be meeting with MN DOT regarding the size of the pond, esthetic benefits, habitat and the mitigation of the wetlands.

Ms. Willems requested a motion be made for CRWD staff to investigate.

CAC 14-057 Motion: To request CRWD staff and Board of Managers to investigate the Wheelock Parkway & 35E pond expansion.

Weil/Barton
Unanimously approved

Approval of Agenda

Ms. Willems asked for any additions or changes to the Agenda. No additions or changes were made.

CAC 14-058 Motion: *To approve the CAC August 13, 2014 agenda.*

Arbeit/Ulrich
Unanimously approved

Approval of the July 16, 2014 CAC Minutes

Ms. Willems requested any changes or corrections to the minutes. A couple of corrections were noted.

CAC 13-059 Motion: *To approve the CAC July 16, 2014 CAC Minutes, as amended.*

Arbeit/Ulrich
Unanimously approved

District Initiatives

A) Upper Villa Stormwater Reuse Project (Kelley)

Mr. Kelley reviewed the Lake McCarron's Subwatershed Study that was performed by SRF Consulting Group, Inc. The goal of the feasibility study was to analyze stormwater harvesting, storage, and reuse system as an irrigation water source for the B-Dale softball field located in the Upper Villa Park. Angela Gorham, and Walter Eshenaur from SRF Consulting Group were in attendance to review the analysis and recommendations. The two criteria that guided the analysis were: overall goal of 45 lbs. of total phosphorus reduction on an average annual basis through runoff volume reduction to be met or exceeded and the reliance on municipal water for irrigation should be reduced as much as possible, with the ultimate goal of providing all irrigation water from the reuse system for an average rainfall year.

Multiple model scenarios were run using EPA-SWMM 5 for the "passive" and "controlled" systems based on various storage volumes. Scenario 5 was recommended as the most cost effective solution to meet the goal of 45 lbs./yr. phosphorus reduction as well as irrigation demand. The cistern volume of 13,370 cf (100,000 gallons) meets the irrigation demand 99% of the time (during a 10-year continuous simulation model). The volume lost by irrigation use is less significant than the volume lost through infiltration. With an active Optimized Real Time Control (OptiRTC) control system placed within the ball field represents the most cost effective option on a cost per lb. TP removed basis. The Scenario 5 active OptiRTC system also exceeds the TP removal goal by 16 percent.

Mr. Kelley thanked Ms. Gorham and Mr. Eshenaur for their time and presentation.

CAC 13-060 Motion: *To recommend the Upper Villa Stormwater reuse project.*

Arbeit/Barton
Unanimously approved

B) 2015 Draft Work Plan, Budget and Levy

Administrator Doneux reviewed the 2015 preliminary draft for public comments. A public hearing is scheduled on Wednesday, August 20, 2014. Notification of the Public Hearing was sent to City and County elected officials. Two legal notices were posted in the St. Paul Pioneer Press. Administrator Doneux noted that Lake Monitoring has increase for more monitoring of the lakes fishery. Administrator Doneux requested feedback. Mr. Arbeit shared his concerns for future planning and levies for Capital Improvements.

CAC 13-061 Motion: *To approve the 2015 Draft Work Plan, Budget and Levy.*

Arbeit/MacDonald

Unanimously approved

C) 2014 Awards Program

Mr. MacDonald reviewed a draft of the 2014 watershed awards. The categories included: Watershed Citizen Award, Watershed Partner Award, Young Naturalist Award and Lifetime Stewardship Award. Mr. MacDonald requested feedback. After some discussion the group was very pleased with the categories and the definitions of each category. Ms. Reider complimented the subcommittee for their work on the program with such a short period of time.

CAC 13-062 Motion: *To present the 2014 Awards Program to the Board of Managers at the September 3, 2014 Board of Managers Meeting.*

Weil/Ulrich

Unanimously approved

CAC Initiatives

A) CAC Recruitment – Next Steps – CAC Subcommittee

The committee consists of: Michelle Ulrich, Steve Duerre, and Gwen Willems. Ms. Ulrich reviewed discussion topics that the orientation subcommittee discussed. Historically the CAC has had at least 15 members, the CAC would like the goal of membership to be 15-20 members. Ms. Ulrich reviewed the methods of which the CAC would use to recruit members. Ms. Willems drafted a flyer for the CAC to use as a handout at CRWD events. Administrator Doneux recommended the flyer be send to CRWD's graphic designer. Members of the CAC liked the flyer. Ms. Reider thanked the subcommittee for their work.

CAC 13-063 Motion: *To approve the Orientation/Recruitment discussion topics.*

Ulrich/MacDonald

Unanimously approved

B) Discuss the September 18th Event with Freshwater Society, Dr. Jay Famiglietti, Dwindling Groundwater Reserves as Viewed from Space.

Administrator Doneux reviewed the event planned for September 18, 2014. CRWD will partner with Freshwater Society. Barr Engineering will also be co-sponsoring the event. Administrator Doneux stated that CRWD will have two tables at the event. One of the tables will be for the CAC to use for recruitment from 6:00 pm – 7:00 pm. The other table will be for CRWD educational displays. Mr. MacDonald, Ms. Ulrich and Ms. Willems and Mr. Barton plan to attend the event. The event will be free but you do need to register.

Project and Program Updates

A) 2014 CRWD Construction Project Updates (Doneux)

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

The Curtiss Pond project will start construction after the State Fair. The Highland Ravine project will start in September as well.

CAC Observer Update

No update was given.

Discussion –

A)New & Old Issues

There was no discussion.

B)Identify CAC Observer for the August 20th and September 3rd Board of Managers Meeting

No members were identified.

C)September 10th CAC Agenda Overview

Administrator Doneux reviewed the September 10th, 2014 meeting agenda. The Hidden Falls Stream Project and CAC recruitment brochure will be on the agenda.

D)2014 Meeting Schedule

The Committee made suggestions to update the 2014 Meeting Schedule.

Adjourn –

CAC 14-064 Motion: *To adjourn.*

Weil/Barton

Unanimously approved

The meeting was adjourned at 9:25 PM.

Respectfully submitted,

Michelle Sylvander

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