



## Capitol Region Watershed District

1410 Energy Park Drive, Suite 4 • Saint Paul, MN 55108  
T: (651) 644-8888 • F: (651) 644-8894 • capitolregionwd.org

### Citizen Advisory Committee Meeting Wednesday, August 8, 2018 – 7:00 p.m.

---

#### **CAC Members Present:**

Pat Cavanaugh  
Nicole Soderholm  
Steve Duerre  
Gwen Willems  
Mike MacDonald  
David Arbeit  
Bob Simonet

#### **Others Present:**

Mark Doneux, CRWD  
Belinda Gardner, CRWD  
Nate Zwonitzer, CRWD  
Shirley Reider, Board of  
Managers

#### **Members absent:**

Richard Weil, w/notice  
Michelle Ulrich, w/notice  
Tom Elko, w/notice  
Mary Lilly, w/notice  
Kathryn Swanson, w/notice  
William Barton, w/o notice

### **I. Welcome, Announcements, and Updates**

Mr. Duerre opened the meeting at 7:00 p.m. Mr. Duerre asked for any announcements or updates and introductions.

Ms. Cavanaugh provided another update from August board meeting. She mentioned that work is being done on Ford Site Area C site and that a full report to CAC will happen at a future meeting.

### **II. Approval of Agenda**

**CAC 18-022 Motion:** *To approve the CAC August 8, 2018 agenda. Ms. Cavanaugh asked to reschedule the St. Catherine's University report for a future meeting.*

Soderholm/Cavanaugh  
Unanimously approved

### **III. Approval of Minutes**

#### **A) July 18, 2018 CAC Meeting Minutes**

**CAC 18-023 Motion:** *To approve the July 18, 2018 minutes.*

MacDonald/Simonet  
Unanimously approved

#### **IV. District Initiatives for Review, Comment, and Recommendations**

##### **A) Targeted Watershed Program-Como Regional Park BMPs**

Mr. Zwonitzer presented on the Como Regional Park BMPs. After reviewing the 12 BMP configurations in the Como Park BMP Feasibility Study, several projects were identified as high priority. These projects include expansion of an existing infiltration basin in the golf course that is currently treating the zoo and adding iron-enhanced sand filter benches to the northwest golf course pond (owned/operated by CRWD) and to one of the small ponds near the golf course clubhouse. Houston Engineering (HEI) is designing these three BMPs and will develop plans and technical specifications. Construction documents will be completed by the end of 2018. While the projects are being designed, staff will begin discussions with the City regarding construction funding, CRWD volume credits, and address any inconsistencies between this project implementation approach and CRWD rules. The projects could be ready for construction as early as spring 2019. Mr. MacDonald asked about cost effectiveness. He also asked about similar drainage issues as the other side of pond. Mr. Arbeit asked about iron enhanced sand filters. Mr. Zwonitzer replied that the installed filters will last over 10 years. Ms. Soderholm asked about cost share with Como Zoo. Mr. Zwonitzer replied that Como Zoo will share in the cost. Mr. Simonet asked about captured water and golf course water needs. Mr. Zwonitzer replied that the golf course currently does reuse the water for its course. Ms. Reider confirmed funding from the Targeted Watershed Program. Mr. Arbeit confirmed the goal to reduce volume, Mr. Zwonitzer confirmed that the goal is to run 2-inch rainfall through the sand filter. Mr. Arbeit asked about specific goals. Administrator Doneux referred to the rules and reduction goals and 1.1 inch is the way to achieve 60% phosphorus reduction. Mr. Arbeit confirmed that this project will equal 60 pounds of reduction. Mr. Zwonitzer replied that the 60 pounds is helping meet the goal. The overall goal for Como is 100 pounds.

##### **B) Targeted Watershed Program-Parkview Center School Project**

Mr. Zwonitzer presented on the Parkview Center School BMP feasibility Study. After extensive evaluation of infiltration BMP configurations, it was determined that infiltration is not suitable at this site due to poor soils and high groundwater. A future existing school parking lot expansion offers an opportunity to install a filtration BMP. The BMP would be placed at existing grade next to a steep slope, eliminating the need for extensive excavation. Roseville School District determined they would have sufficient soil from other nearby projects to bury the BMP and create the needed grade for the future parking lot. This greatly reduces the project expenses for excavation and hauling. Identified as Option 4 in the feasibility study, the BMP would consist of pre-treatment, a buried pipe storage system, and a filter vault with up to 36 filter cartridges capable of capturing dissolved phosphorus. The BMP is estimated to cost \$775,000 and will prevent 45 pounds of phosphorus from reaching Lake McCarrons. SRF Consulting Group has started design and engineering work for the filtration BMP. Construction documents are anticipated to be completed in early 2019. While the project is being designed, staff will begin discussions with project partners regarding construction funding, long-term maintenance, and CRWD volume credits. The project could be ready for construction as early as fall 2019. Ms. Willems asked about accessibility for maintenance. Ms. Reider asked about the responsibility of the maintenance cost. Mr. Arbeit asked about the options being eliminated. Ms. Soderholm asked about the benefit of cartridges. Mr. Zwonitzer replied the media itself is proprietary.

##### **C) Willow Reserve Restoration Project Update**

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

Mr. Zwonitzer provided an update on Willow Reserve and reviewed the implementation plan, the reserve map and invasive species management plan. Mr. Zwonitzer presented updated photos of native plants and talked about the dumping issue, he mentioned that the city cleaned up the dumping and it is stabilized. Next steps include invasive species management, fall seeding, City and D6 discussions about community outreach. Ms. Cavanaugh asked about wildlife. Ms. Willems asked about mosquitos. Mr. Zwonitzer replied there are a lot of mosquitos. Mr. Arbeit asked about the water treatment and if the neighbors have questions about the body of water. Administrator Doneux replied the public comments did not address/question safety.

### **C) 2019 Budget and Levy**

Administrator Doneux reviewed the 2019 Budget and levy and reviewed the budget objectives, major initiatives, highlighted key line items on 2019 Budget. He mentioned that there's an increased demand for stewardship grants. Administrator Doneux highlighted the Education and Outreach line items and reviewed Special Grants new line item for feasibility studies. Ms. Willems asked for clarification on the Warehouse Monitoring line item. Mr. Arbeit asked if the budget is proposed and about contributions from outside sources. Administrator Doneux replied and he pointed out some of the outside sources.

## **V. CAC Initiatives**

### **A) Watershed Steward Awards (Doneux)**

Administrator Doneux provided a Watershed Steward Awards Update. A date will be set for January either January 17 or January 24. The date will be posted at a future meeting.

### **B) Service Learning Student (Swanson)**

Ms. Soderholm requested to step down from the Service Learning Student committee. Ms. Cavanaugh mentioned that the Student Learning Student program could be implemented as part of Diversity Strategic Plan.

## **VI. Project and Program Updates**

### **A) 595 Aldine Building Update (Doneux)**

Administrator Doneux will send an email on Thursday August 9 inviting anyone who wants to tour the building on Friday August 10.

### **B) Strategic Plan Update (Doneux)**

No update.

### **C) St. Catherine University Parking Lot (Doneux)**

Administrator Doneux mentioned that an update will be provided at a future meeting.

## **VII. CAC Observer Update**

Mr. Macdonald provided an update.

## **VIII. Discussion**

- a. New & Old Issues
- b. CAC observer for August 15, 2018 and September 5, 2018 Board of Managers Meeting
- c. 2018 Agenda Plan

### **A) New & Old issues**

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

**B) CAC Observer for the Board of Managers Meetings August 15, 2018 and September 5, 2018**

**C) 2018 Agenda Plan**

Mr. Duerre reviewed the 2018 agenda plan.

**IX. Adjourn**

**CAC 18-24 Motion:** *To adjourn the August 8, 2018 CAC Meeting.*

Arbeit/Soderholm  
Unanimously approved

The meeting was adjourned at 9:10 PM.  
Respectfully submitted,  
Belinda Gardner

W:\05 Citizen Advisory Committee\Minutes\2018\August 8, 2018 Draft Minutes.doc