



Capitol Region Watershed District

595 Aldine Street • Saint Paul, MN 55104
T: 651-644-8888 • F: 651-644-8894 • capitolregionwd.org

APPROVED
April 17th, 2019

Regular Meeting of the Capitol Region Watershed District (CRWD) Board of Managers, for **Wednesday, April 3, 2019, 6:00 p.m.** at the office of CRWD, 595 Aldine Street, St. Paul, Minnesota.

REGULAR MEETING MINUTES

I. A) Call to Order of Regular Meeting (*President Joe Collins*)

Managers

Joe Collins
Seitu Jones
Shirley Reider
Rick Sanders
Mary Texer

Staff Present

Mark Doneux, CRWD
Anna Eleria, CRWD
Bob Fossum, CRWD
Forrest Kelley, CRWD
Joe Sellner, CRWD
Michelle Sylvander, CRWD
Elizabeth Hosch, CRWD
James Mogen, Ramsey County Attorney

Public Attendees

Todd Shoemaker, Wenck

B) Review, Amendments and Approval of the Agenda.

Motion 19-044: *Approve the Agenda of April 3, 2019.*

Reider/Jones
Unanimously Approved

President Collins opened the Public Hearing for the 2019 Rules. Mr. Kelley reviewed the revision summary to the 2019 Rules. The changes include:

- Revise language under freeboard requirements for increased clarity
- Increase the maximum rainfall depth to a BMP allowed for credit from 2.0" to 2.5"
- Add language to allow for regional compliance
- Revise language to allow for electronic submittals
- Cost cap increase from \$30K/acre to \$75K/acre
- Stormwater impact Fund contribution increase from \$40/acre to \$100K/acre.
- Additional minor grammatical corrections and language clarifications.

President Collins asked if a developer or the city know about the increased costs. Mr. Kelley replied yes, that these changes have been reviewed at the TAC meeting. Mr. Kelley reviewed the time line for the rule revisions. No public were in attendance.

Motion 19-045: *Move to close the public hearing*

Reider/Jones
Unanimously approved

II. Public Comment – For Items not on the Agenda

Manager Reider shared an article on the Mississippi head waters. Administrator Doneux will share a link of the article with the board.

III. Permit Applications and Program Updates

A) Permit 19-006 McCarrons Hill (Kelley)

Mr. Kelley reviewed permit #19-006 McCarrons Hill. The applicant, Rose of Sharon manor, Inc. is planning to subdivide five lots and build residential lots. The applicable rules are Stormwater Management (Rule C), Flood Control (Rule D), and Erosion and Sediment Control (Rule F). The disturbed area of this project is 1.5 acres with .36 acres' impervious surface.

Motion 19-046: *Approve permit #19-006 McCarrons Hill with ten conditions:*

1. *Receipt of \$1,800 surety.*
2. *Receipt of documentation of maintenance agreement recorded with Ramsey County.*
3. *Receipt and approval of Wetland Conservation Act wetland boundary and type application.*
4. *Provide plans signed by a professional engineer per the Minnesota Board of AELSLAGID. Submitted plans are stamped as preliminary.*
5. *Provide a copy of the NPDES permit.*
6. *Provide documentation that an adequate number of soil borings will be completed within the footprint of the proposed infiltration basin. The Minnesota Stormwater Manual recommends two borings within the boundary of the infiltration basin. If soils are not conducive to infiltration, convert the raingarden to filtration with appropriate outlet and sizing.*
7. *Include a landscape plan that includes the following:*
 - a. *Specify potted plants or plugs to vegetate infiltration areas. Basin seeding should be avoided.*
 - b. *Specify deep rooted, salt tolerant, native plants according to Plants for Stormwater Design (Shaw and Schmidt, 2003).*
 - c. *Provide signage that deters snow management from using the infiltration basin for snow storage.*
8. *Include a site-specific maintenance plan that includes the following:*
 - a. *List all stormwater management practices.*
 - b. *Person(s) responsible for maintenance of stormwater devices(s).*
 - c. *Frequency of inspection/ indicator that maintenance is needed.*

- d. *Description of inspection activities.*
 - e. *Description of maintenance activities.*
 - f. *Inspect in winter months to ensure plowed snow is not being stored on infiltration practice.*
 - g. *Establish a watering plan that extends a minimum of one year after planting.*
 - h. *Annual maintenance to include trimming vegetation, replacing vegetation where needed, mulch replacement, and removal of accumulated sediment and debris.*
9. *Justify the use of sheet flow lengths over 100' for subcatchments E1 and E2 of the existing conditions HydroCAD and subcatchments A2 and A3 of the proposed conditions HydroCAD. The Minnesota Stormwater Manual recommends a maximum sheet flow length of 100' due to the tendency for flow to channelize beyond 100'.*
10. *Add note to plans that contractor shall avoid disturbance of Netpave access route north of site or replace at their cost.*

Reider/Jones

Unanimously approved

IV. Special Reports

A) Villa Park Analysis (Sellner)

Mr. Sellner reviewed that the Villa Park Wetland system was designed to treat a significant portion of the runoff from the Lake McCarrons watershed. Monitoring data from as early as 2005 indicated that the system was acting as a source of phosphorus rather than trapping it under certain flow conditions. Based on this data, portions of the wetland system were dredged in 2013 to increase its ability to settle and retain sediment and phosphorus. With five years of data, the overall project did improve the water quality. Mr. Sellner reviewed some of the problems and concerns. Some of the other benefits include:

- Removal of contaminated sediment
- Increase capacity to capture sediment and pollutants
- Decreased water temperature
- Improved habitat in deeper pools of water

Additionally, the system continues to be a source of orthophosphate during low flow periods. Orthophosphate is a type of phosphorus readily available for use by aquatic plants and algae and could contribute to lower water quality in Lake McCarrons. Manager Sanders shared that he has noticed that the water has been clearer. President Collins felt it was a great report to present. Manager Texer asked if there was any way to predict when additional dredging would be needed. Administrator Doneux shared that the earth and berms were built in the 1980's. Mr. Fossum added that the upper basin was dredged in the early 1990's. The Managers thanked Mr. Sellner for his presentation. No action was taken.

V. Action Items

- A) AR: Approve Minutes of the March 20, 2019 Regular Board Meeting (Sylvander).

Motion 19-047: *Approve the Meeting Minutes of the March 20, 2019 Regular Board Meeting.*

Reider/Jones

Unanimously approved

B) AR: Approve Cost-Share for Blue/Green Framework for the Creative Enterprise Zone (Fossum).

Mr. Fossum reviewed the recently defined Creative Enterprise Zone (CEZ) in western St. Paul. The CEZ is defined as the area bound by Interstate 94 on the south, City of St. Paul boundary on the west, Energy Park Drive to the north, and Prior Avenue on the east. Beginning in 2017, District staff have been tracking with work immediately adjacent to the CEZ in Minneapolis in the Towerside Innovation District. Mississippi WMO has been very successful in developing partnerships in advance planning and implementation of green infrastructure as part of initial Towerside Innovation District redevelopment. The planning effort was facilitated by the Minnesota Design Center at the U of MN.

There has been a desire by MWMO and CRWD staff to expand the planning work MWMO has completed in Towerside to include the CEZ. Mr. Fossum shared that staff believe this is a good opportunity to get initial water resource planning done ahead of any redevelopment planning for the area. This would position the District well to ensure water quality and green infrastructure approaches are considered to the greatest degree possible when further planning is undertaken. Staff from both MWMO and CRWD have worked with the Minnesota Design Center to develop a scope of work for the project. President Collins shared that he is impressed with what he has seen.

Fiscal Note: 2019 CRWD Budget includes project 330-19620—Green Infrastructure for Innovation Districts, \$60,800.

Motion 19-048: *Approve cost-share for The Blue/Green Framework for CEZ and authorize Administrator to execute an agreement with Mississippi Watershed management Organization, for an amount not to exceed \$20,000.*

Texer/Jones

Unanimously approved

VI. Unfinished Business

A) Website Update (Bromelkamp)

Administrator Doneux reviewed the new website with the board of managers. Administrator Doneux showed some of the features in the new site. Ms. Bromelkamp will return and provide the board with a complete review of the new website.

VII. General Information

A) Board of Managers Updates

Manager Texer will be attending a drainage workshop in Mankato on Thursday, April 4th.
Fresh Water Society will be having their 2019 Water Summit on May 9th and 10th.

VIII. Next Meetings

- A) Wednesday, April 10, 2019 CAC Meeting, 7:00 PM, Manager Reider will attend
- B) Wednesday, April 17, 2019 Board Meeting

IX. Adjournment

Motion 19-049: *Adjournment of the April 3, 2019 Regular Board Meeting at 6:51 p.m.*

Reider/Sanders
Unanimously Approved

Respectfully submitted,
Michelle Sylvander