



Capitol Region Watershed District

1410 Energy Park Dr., Suite 4, St. Paul, MN 55108

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Meeting Minutes of the Capitol Region Watershed District (CRWD) Board of Managers, for **Wednesday, November 5, 2008, 6:00 p.m.** at the office of the CRWD, 1410 Energy Park Drive, Suite 4, St. Paul, MN 55108.

Regular Meeting Minutes

I. Call to Order at 6:01 p.m. (Vice President, Joe Collins)

A) Attendance

Robert Piram (absent w/notice)
Joe Collins
Seitu Jones
Mike Thienes
Marylyn Deneen

Others Present

Mark Doneux, CRWD
Bob Fossum, CRWD
Anna Eleria, CRWD
Forrest Kelley, CRWD
Elizabeth Storey, CRWD
Pat Conrad, EOR, Inc.
Peter Lindstrom, Mayor
City of Falcon Heights

Pam Massaro, Wenck
David MacMillan,
Ramsey County Attorney
Justin Miller, City of Falcon
Heights
Phil Belfiori, City of St. Paul
Jerome Wagner, CAC
Loren Abraham, Abraham &
Associates
Mike Jordan, Abraham &
Associates

B) Review, Amendments and Approval of the Agenda

Manager Collins asked for additions or changes to the agenda. Administrator Doneux requested adding Unfinished Business C: Education and Outreach Plan.

Motion 08-11-01: *To approve the November 5, 2008 Agenda as amended.*

Jones/Deneen
Unanimously Approved

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

No Public Comment.

III. Permit Applications

A) Permit # 08-027 Carleton Place Lofts Phase II (Kelley)

Forrest Kelley reviewed CRWD Permit #08-027, Carleton Place Lofts Phase II. Mr. Kelley stated that the Applicant is the University Carleton Development Phase II, LLC and the Engineer is Kimley-Horn and Associates. The project is construction of phase II of Carleton Place Lofts apartment building, underground parking and courtyard. The project is located on the northwest corner of University Avenue and Hampden Avenue. The applicable rules are Stormwater Management (Rule C), Erosion Control (Rule F) and Floodplain Management (Rule D). Mr. Kelley said this project has 1.99 acres of disturbed area, 1.44 acres of total impervious surface and the proposed stormwater management is an underground infiltration system. Mr. Kelley said the stormwater standards for rate, water quality and volume control are met. Mr. Kelley said the flooding and erosion control standards are also met. Mr. Kelley said the staff recommendation is to approve with one condition. Manager Collins asked if there would be another phase to the project. Mr. Kelley said he is not aware of another phase.

Motion 08-11-02: *Approve permit # 08-027 Carleton Place Lofts Phase II subject to the following one condition:*

1. *Receipt of \$7,200 surety and maintenance agreement.*

Deneen/Jones

Unanimously approved

B) Permit # 08-028 St. Paul Fire Station #1 and Headquarters (Kelley)

Forrest Kelley reviewed CRWD Permit #08-028, St. Paul Fire Station. Mr. Kelley stated that the Applicant is the City of St. Paul and the Engineer is the Collaborative Design Group, Inc. The project is construction of a new fire station and department headquarters. Mr. Kelley said this project has 1.1 acres of disturbed area, 0.84 acres of total impervious surface and the proposed stormwater management is rock infiltration/filtration trenches, pervious pavement, filtration raingarden and EcoStorm Plus. Mr. Kelley said the staff recommendation is to approve with three conditions.

Motion 08-11-03: *Approve permit # 08-028 St. Paul Fire Department Headquarters subject to the following three conditions:*

1. *Receipt of Maintenance Agreement.*

2. *Receipt of NPDES permit application.*

3. *Add project-specific elevations and pipe dimensions to the EcoStorm Plus generic detail. These must be shown to ensure that the hydraulics of the system are properly designed and so that the contractor properly installs the drop structure and EcoStorm Plus units.*

Jones/Thienes

Unanimously approved

C) Permit # 08-029 Mississippi Market (Kelley)

Manager Jones stated that he is a member of the Mississippi Market Co-Op and would have to abstain. Manager Collins said he is also a member of the Co-Op and would also have to abstain. Mr. MacMillan explained that the Managers who abstain will have to abstain from all business that involves the Mississippi Market. Administrator Doneux asked Mr. MacMillan if Manager Jones deferred action to the Staff for this permit is it considered a conflict. Mr. MacMillan said yes. Manager Thienes suggested a special meeting. Administrator Doneux suggested a Special Meeting November 10.

Motion 08-11-04: *Approve Special Meeting scheduled for November 10, 2008 at 5:30 pm to consider permit # 08-029 Mississippi Market.*

Thienes/Deneen

Unanimously approved

D) Permit # 08-031 Trout Brook Interceptor (Kelley)

Forrest Kelley reviewed CRWD Permit #08-031, Trout Brook Interceptor. Mr. Kelley stated that the Applicant is Capitol Region Watershed District and the Engineer is Barr Engineering Co. The project is repair and replacement of the Trunk Storm Sewer Interceptor. The project is located at the intersection of Maryland Avenue and I-35E to Mississippi Street. The applicable rules are Wetland Management (Rule E), Erosion Control (Rule F) and Illicit Discharge and Connection (Rule G). Mr. Kelley said this project is over an acre of disturbed area and there is no impervious surface. There is no proposed stormwater management; the permit is for Erosion Control, Wetland Management and Illicit Discharge Connection. Mr. Kelley said the staff recommendation is to approve with three conditions.

Motion 08-11-05: *Approve permit # 08-031 Trout Brook Interceptor subject to the following three conditions:*

1. *Provide enhanced sediment control around the staging area where offsite runoff is expected to occur (north and east sides).*

2. *Include instructions to revegetate the southern portion of Wetland A after construction.*

3. *Move silt fence from the middle of the southern portion of Wetland A to the perimeter.*

Deneen/Jones
Unanimously approved

E) Permit # 06-001 Macalester College Recreation Center Certification of Completion (Kelley)

Mr. Kelley said two permits have both completed the permitted activity and are ready to be closed out. Mr. Kelley said final inspections were conducted for permits 06-001 and 07-014 and the projects were deemed complete and in compliance. Mr. Kelley said maintenance agreements for the onsite stormwater management practices were submitted to the District.

Motion 08-11-06: *Approve Certificate of Completion for permit 06-001 and authorize return of \$17,050 surety.*

Thienes/Jones
Unanimously Approved

F) Permit # 07-014 Macalester Ball Fields Certificate of Completion (Kelley)

Forrest Kelley said permit 07-014 was deemed complete and in compliance.

Motion 08-11-07: *Approve Certificate of Completion for permit 07-014 and authorize return of \$950 surety.*

Thienes/Jones
Unanimously Approved

G) Permit Program/Rules Update (Kelley)

Rules Update

Mr. Kelley said Ramsey Washington Metro Watershed District (RWMWD) is reviewing the revisions and he will meet with RWMWD staff tomorrow for further discussion. Mr. Kelley said he has not received any permit applications for the next Board meeting.

IV. Special Reports – Special Grant Requests – City of Falcon Heights & City of Saint Paul

Administrator Doneux explained that the Board will not take any action tonight on the two grant requests. The Special Report is to listen to the Cities and their request, ask questions to better understand their projects. Administrator Doneux explained that after tonight's meeting, District Staff will meet with City Representatives and return with recommendations at a future Board meeting. Administrator Doneux introduced Justin Miller and Mayor Peter Lindstrom from the City of Falcon Heights. The City of Falcon Heights has requested \$110,000 to retrofit their existing City Hall Parking lot with pervious asphalt parking and a rain garden. The existing parking lot is original to the building – 1982. It has an extremely flat surface and water is unable to drain to stormwater inlets at entrance of parking lot. The freeze/thaw cycles create unsafe conditions and intensive maintenance expenses each spring. The parking lot has reached a tipping point and the City is unable to continue patching potholes due to deteriorated base materials. Mr. Miller said the reconstruction option included a simple mill and overlay but that would be a short-term solution with an estimated cost of \$120,000. The responsible reconstruction option would implement environmentally friendly construction methods with an estimated cost of \$230,000. The grant request of \$110,000 is intended to make up difference in construction costs. The project details include plans to install pervious pavement in drive lanes, slope parking stalls towards drive lanes and construct raingarden adjacent to existing open space. Mr. Miller the discussed the project benefits that included stormwater diversion away from stormsewers, public education/awareness and use of an innovative solution as a partnership showcase. The Board of Managers asked questions of the Falcon Heights representatives and thanked them for their presentation.

Administrator Doneux introduced Phil Belfiori from the City of Saint Paul. Mr. Belfiori introduced the other representatives from the City and began with an overview of the City's project. The City of Saint Paul is requesting \$100,000 to add a green roof and associated educational features to the new Fire Station and Headquarters building on West 7th Street. The City is seeking to partner with the Capitol Region Watershed

District (CRWD) to develop a water quality educational and research center, the first of its kind in the State of Minnesota to be located atop the proposed City Fire Department Headquarters building.

The objectives of the project include:

- Provide an innovative demonstration of both semi-intensive and extensive green roof installations directly visible from several points within the building as well as accessible to the public via an integral plaza space with water quality educational exhibits and interpretive displays;
- Reduce non-point source pollution to the Mississippi River including particulate, nutrient, chemical, thermal treatment and volume control;
- Provide wildlife habitat that otherwise would not be available on the site;
- Provide monitoring data demonstrating and verifying the effectiveness of water quality treatment from this green roof example;
- Provide an opportunity for sustainable gardening methods for firefighters residing on-site;
- Provide educational opportunities for school children and the public at large about the ecological and human health benefits of green roofs.

Mr. Abraham reviewed the conceptual design with the Board. The Green Roof Interpretive Center and Garden Classroom includes an approximate 9,000 square foot green roof featuring over 80 species of native and ornamental plants, a vegetable garden, and wildlife habitat that will include a series of educational/interpretive stations. Some innovative techniques being planned include demonstrating non-point source pollution reduction methods, interpreting water quality monitoring data, and providing rooftop gardening opportunities for the fire fighters. The educational and interpretive information will be made accessible to the public via educational exhibits and interpretive displays and situated around a multi-purpose plaza space. The entire green roof and plaza area will also incorporate a supplemental stormwater reservoir layer to maximize the storage capacity and therefore the volume reduction potential of the installation.

Mr. Nelson from the City of Saint Paul reviewed the site planning considerations for this project and the need and benefit for including a green roof. The Board of Managers asked questions of the City of Saint Paul representatives and thanked them for their presentation.

Administrator Doneux stated that staff will request additional information from both applicants and come back to the Board of Managers with recommendations for both grant requests at a future Board meeting.

V. Action Items

Consent Agenda

Manager Collins asked for a motion to approve the November 5, 2008, Consent Agenda.

Motion 08-11-08:

- A) *Approve Minutes of the October 15, 2008 Regular Meeting (Nelson)*
- B) *Approve Evans Stewardship Grant with reimbursement funding not to exceed \$150.00 subject to the following conditions:*
 - a. *CRWD and Elaine Evans must approve and enter into a Cooperative Agreement; and*
 - b. *Any changes to project plans must be approved by the CRWD; and*
 - c. *All conditions must be met and the project completed within one year after project approval.*

Deneen/Jones

Unanimously approved

For Discussion

C) Approve Distribution of Draft McCarrons Subwatershed 4 Study (Fossum)

Mr. Fossum discussed a second draft of the McCarrons Subwatershed 4 Study with the Managers for their comments. Mr. Fossum noted that after the Manager's review, staff intends to distribute the draft plan with any suggested changes to interested stakeholders for review and comment. Based on the comments from the

stakeholders the Managers will then consider adopting the McCarrons Subwatershed 4 Study later this fall. The Managers agreed that this was easier to understand.

Motion 08-11-09: *Authorize distribution of the draft McCarrons Subwatershed Study, with suggested changes, to all interested parties for review.*

Thienes/Jones

Unanimously approved

VI. Unfinished Business

A) 2010 Watershed Management Plan – Work Plan Update (Fossum)

Mr. Fossum stated Work Area 4 of the 2010 WMP work plan is the Issues Identification section of the plan. The effort involves reviewing previously identified issues and determining new issues in CRWD to consider. EOR, Inc. and staff have been compiling previously identified issues from the 2000 WMP and other plans the District has completed. Additionally, staff has compiled issues identified in some other plans completed by our partners. These issues have been put into a table that was in the Board Packet. The effort to identify issues is on-going and the table will be updated based on input from the various advisory groups. Staff reviewed the table and the process for identifying issues for the 2010 WMP. Manager Collins suggested adding a column in the table that would identify the priorities of the different issues. Mr. Fossum agreed and stated that once all the issues have been identified they will have to be prioritized.

B) Local Planning Update (Staff)

Administrator Doneux said the District received draft Comprehensive Plans for Ramsey County and the City of Roseville. Staff will provide draft comment letters at the November 19th meeting for the Board to review.

C) Education and Outreach Plan Update (Storey)

Elizabeth Storey gave the Board an update on the Education and Outreach planning efforts. Ms. Storey then reviewed an updated Objectives handout that included the ranking of the Target Groups and Problems/Issues from the October 29th Board workshop. Ms. Storey then asked the board to identify for which Target Groups should the Education Plan provide an active education/outreach and which Target Groups should the plan identify support for the efforts of other existing programs/regulatory mechanisms. After a discussion the Board felt that more information was required for them to properly complete the exercise. Staff indicated they would review this process and bring more information back to the Board for further review.

VII. General Information

A) Administrator's Report (Doneux)

Administrator Doneux said the Minnesota Groundwater Association is having its fall meeting next week. A flyer for the meeting was included in the packet. Administrator Doneux also announced that CRWD has won the Minnesota Association of Watershed District's (MAWD) 2008 Project of the Year Award for the Arlington Pascal Stormwater Improvement Project. The award will be presented at the MAWD Annual Meeting in December in Alexandria.

VIII. Wednesday, November 19, 2008 Regular Meeting Agenda Review

Manager Piram will be absent November 19th.

IX. Adjournment – The meeting was adjourned at 8:20 p.m. by consensus.

Respectfully submitted,

Mark Doneux