

Capitol Region Watershed District



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Meeting Minutes of the Capitol Region Watershed District (CRWD) Board of Managers, for **Wednesday, March 19, 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 6:00 p.m. (President, Robert Piram)

A) Attendance

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

Others Present

Bob Fossum, CRWD
Dawn Nelson, CRWD
Forrest Kelley, CRWD
Elizabeth Storey, CRWD
Pat Conrad, EOR, Inc.

Todd Shoemaker, Wenck
David MacMillan,
Ramsey County Attorney
Mike Brandt,
McCombs, Frank, Roos, Assoc.
Michelle Ulrich, CAC
Jerome Wagner, CAC

B) Review, Amendments and Approval of the Agenda

Manager Piram asked for additions or changes to the agenda. Manager Deneen requested discussion about the MAWD Legislative Breakfast and Ramsey Conservation District (RCD) Board Meeting be added to general information. Mr. Fossum requested adding Action Item H. Contract Amendment Authorization for TBI Feasibility Study.

Motion 08-03-13: *To approve the March 19, 2008 Agenda as amended.*

Deneen/Thienes
Unanimously Approved

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

III. Permit Applications

A) Permit #08-006, Rice Street Business Center (Kelley)

Forrest Kelley reviewed CRWD Permit #08-006, Rice Street Business Center. Mr. Kelley stated that the Applicant is Corner Kick LLC and the Engineer is McCombs, Frank, Roos and Associates (MFRA). The project is to regrade a vegetated swale to alleviate flooding, and excavate two separate wetlands to remove accumulated sediment. The project is located on the northwest corner of Rice and Elmer Street. The applicable rules are Erosion Control (Rule F) and Wetland Management (Rule E). Mr. Kelley said this project has 0.5 acres of disturbed area, no impervious surface and there is no stormwater management required. The application is for wetland management and erosion control permits only. Mr. Kelley said the stormwater standard is not applicable. Mr. Kelley said the wetland management standard is not met due to the inability to meet the buffer requirement. Mr. Kelley said the applicant submitted a request for a variance. Mr. Kelley said the erosion control standard is met. Mr. Kelley said the staff recommendation is that the variance be approved. Mr. Kelley continued to say that if the variance is approved the staff recommendation is to approve permit #08-006 with three conditions. Manager Deneen asked where the soil will go that is removed. Mr. Brandt said the contractor will be responsible for the soil. Manager Jones asked that when the Wetland Management

Plan is complete, will wetlands such as these be included in the plan. Mr. Fossum said these types of wetland will be included.

Motion 08-03-14: *Approve request for variance for permit #08-006, Rice Street Business Center.*

Thienes/Jones

Unanimously Approved

Motion 08-03-15: *To approve permit #08-006, Rice Street Business Center subject to three conditions.*

1. *Receipt of \$1,000 surety and maintenance agreement.*
2. *Label the lower edge of the rim elevation on the skimmer structure detail. The elevation shall be 901.6 or greater.*
3. *Label the proposed contours of the easterly pond.*

Thienes/Jones

Unanimously Approved

B) Permit # 08-008 Roseville Roundy's Rainbow Foods (Kelley)

Forrest Kelley reviewed CRWD Permit # 08-008 Roseville Rainbow Foods. The applicant is Roundy's, the Engineer is DP Engineering, Inc. The project is demolition, site grading and reconstruction of a Rainbow Foods store, parking lot and stormwater management facilities. The project is located on the northeast corner of Larpenteur and Fernwood Avenues. The applicable rules are Stormwater Management (Rule C), Erosion Control (Rule F) and Floodplain Management (Rule D). Mr. Kelley said this project has 7.8 acres of disturbed area, 6.4 acres of proposed 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. The staff recommendation is to table the permit with six conditions.

Motion 08-03-16: *To table permit #08-008 Roseville Rainbow Foods subject to the following six stipulations:*

1. *Receipt of surety and maintenance agreement.*
2. *Submit a copy of the NPDES permit application.*
3. *Provide hoods or tees in the sump catchbasins immediately upstream of the underground storage system. The hoods or tees should extend at least 6" below the invert of the outlet pipe.*
4. *Revise the HydroCAD model so that Type B soils are considered for pre-settlement and post-development conditions. The soil survey and soil borings indicate Type B soils. Type C soils are currently used in the model.*
5. *Provide a typical cross-section of the proposed underground storage system. Proposed elevations and dimensions should be shown. Additionally, it is unclear whether rock (and the void space within) should be considered for volume and rate control calculations. If rock is proposed, specify a clear or washed angular rock (30-40% void space is typical).*
6. *Revise the HydroCAD model so that infiltration occurs over the "horizontal" area rather than the "wetted" area.*

Deneen/Jones

Unanimously Approved

C) City of Roseville Stormwater Volume Bank Site (Kelley)

Mr. Kelley said District staff and city staff met with representatives of Roundy's to discuss the potential of an infiltration system on the Rainbow Foods site that would divert stormwater from a city stormsewer in addition to treating the stormwater from the Rainbow site. The costs related to the

increase in BMP size would be paid by the City of Roseville. Mr. Kelley said design details and agreement documents have not been finalized at this time, but City staff requested that the volume reduction achieved above the required amount for the Rainbow Foods project be used to create a bank for the City of Roseville. These credits would then be used for alternative compliance projects undertaken by the City.

Motion 08-03-17: *To Approve Volume Reduction Bank for the City of Roseville for future deposit pending completion of the Roundy's Rainbow Foods Combined stormwater management system subject to the following conditions:*

1. *Final construction plans and specifications shall be reviewed and approved by the District prior to construction*
2. *Actual credited volumes to the bank shall be based on as-built plans submitted upon project completion.*
3. *Submittal of a recordable maintenance agreement identifying parties responsible for the inspection and maintenance of the system.*

Thienes/Jones

Unanimously Approved

D) Permit # 08-009 Larpenteur Estates (Kelley)

Forrest Kelley reviewed CRWD Permit # 08-009 Larpenteur Estates. The applicant is Larpenteur Estates, LLC the Engineer is Plowe Engineering. The project is demolition of parking garages, construction of new parking garages, repaving a parking lot and utility improvements. The project is located on the southeast corner of Larpenteur and Huron Avenues. The applicable rules are Stormwater Management (Rule C), Erosion Control (Rule F) and Floodplain Management (Rule D). Mr. Kelley said this project has 2.0 acres of disturbed area and the area of proposed impervious surface is unknown at this time. The proposed stormwater management is underground storage tanks that only achieve rate control. Mr. Kelley said the stormwater standard for rate is met. The water quality and volume control are not met. Mr. Kelley said the flooding and erosion control standards are met. The staff recommendation is to table the permit with seven conditions.

Motion 08-03-18: *To table permit #08-009 Larpenteur Estates subject to the following seven stipulations:*

1. *Receipt of surety and maintenance agreement.*
2. *Submit a copy of the NPDES permit application.*
3. *Provide erosion control in the swales adjacent to the west, south, and southeast sides of the parking garage.*
4. *Verify that the one roof drain located at the northeast corner of the roof receives all runoff from the parking garage roof.*
5. *Revise ADS details to include proposed elevations and dimensions.*
6. *Submit a copy of the Phase I Environmental Assessment for the site.*
7. *Revise the proposed stormwater management system:*
 - a. *If infiltration is utilized, the system must capture and infiltrate all runoff from the newly constructed impervious for a one-inch rainfall. At least three soil borings must be conducted on the west half of the site to document acceptable soils for infiltration and lack of soil contaminants.*

Alternative Volume Reduction Option: *Irrigation using roof runoff from a cistern could be used to satisfy the one-inch standard. Submit an annual water budget to show compliance with the standard.*

An example schematic of an irrigation system is attached. Additional soil borings are not necessary if this option is selected.

a. Filtration may be used instead of infiltration if poor or contaminated soils are present. The system must capture and filter all runoff from the new impervious for a 1.3-inch rainfall. Underground or surface BMPs could be used to satisfy this requirement. Consult the Minnesota Stormwater Manual for design examples.

b. Regardless of infiltration or filtration, show that 90% TSS removal is achieved across the project area.

Jones/Deneen

Unanimously Approved

E) Permit Program/Rules Update (Kelley)

Mr. Kelley said the final adopted rules have been sent to David MacMillan to record with Ramsey County with an effective date of April 1, 2008.

IV. Special Reports – No Special Report

V. Action Items

A) Approve Minutes of the March 5, 2008 Meeting (Nelson)

Manager Piram asked for a motion to approve the March 5, 2008, Regular Meeting Minutes.

Motion 08-03-19: *Approve Minutes of the March 5, 2008 as presented.*

Jones/Deneen

Unanimously approved

B) Approve Accounts Payable/Receivables for February 2008 (Nelson)

Manager Piram asked for a motion to approve the Accounts Payables for \$84,661.57 and the Accounts Receivable for \$16,561.26 for the month of February 2008.

Motion 08-03-20: *Approve February 2008 Accounts Payable/Receivable and February Budget Report and direct Board President and Treasurer to endorse and disperse these checks for these payments.*

Thienes/Deneen

Unanimously approved

C) Approve 2008 Saint Paul – Parks & Recreation Div. - Intern Agreement (Fossum)

Mr. Fossum said this is a position that the CRWD has helped fund for the past several years. This position is an important and effective way to implement and maintain shoreline restoration projects and rain gardens. Mr. Fossum reminded the Board that this is the position that is presented annually to the Board.

Motion 08-03-21: *Authorize Board President to execute a cooperative agreement to fund, on a reimbursement basis, the Natural Resource Intern under the terms and conditions outlined in the attached agreement for 2008 not to exceed \$7,000.00.*

Jones/Deneen

Unanimously approved

D) Approve Engineering Agreement Amendment for the Arlington Pascal Stormwater Improvement Project (Fossum)

Mr. Fossum said at the January 10, 2008 Board meeting, the Manager's approved a contract with EOR, Inc. for the Arlington Pascal XP-SWMM model update and Como Golf Course Pond Operation

and Maintenance Plan for an amount not to exceed \$15,000. Upon review of the as-built drawings EOR, Inc has determined that more changes to the piping system have been made. EOR has estimated that it will take an additional 44 hours of work to complete these unanticipated changes at a cost of \$4,180.

Motion 08-03-22: *Approve amendment to the contract with EOR, Inc. for the Arlington Pascal XP-SWMM model update and Como Golf Course Pond Operation and Maintenance Plan in the amount of \$4,180 resulting in total contract amount not to exceed \$19,010.*

Thienes/Jones

Unanimously approved

E) Approve Funding for Cleveland Randolph Groundwater Study (Kelley)

Mr. Kelley reminded the Board that on January 4, 2008, CRWD staff convened a meeting to gather information and discuss interest in conducting a groundwater study in the area to better understand the local groundwater conditions. Representatives attended from many organizations including St. Paul Public Works, Sisters of St. Joseph, St. Kate's, St. Paul Academy, District 15, and Wenck Associates. Councilmember Pat Harris and his aide John Marshall were also in attendance. Mr. Kelly said the participants agreed there is a groundwater issue in the neighborhood and that further study would be beneficial and could guide decision making on future projects. Wenck Associates created a scope of work that includes comments from staff and other participants. Staff requested that Wenck Associates submit an engineering cost estimate for the project based on the scope. The final cost estimate has now been incorporated into the scope and the project schedule has been updated. Funding options for the study were discussed at the January 4 meeting. Several of the organizations indicated their willingness to support the project both technically and financially upon review of the cost estimate. Staff request that the Board approve funding for 50% of the total project cost not to exceed \$25,000. Mr. Kelley said staff will seek authorization to enter into a contract at a later meeting.

Motion 08-03-23: *Approve funding for the Cleveland Randolph area Groundwater Study for 50% of the total project cost not to exceed \$25,000 and direct staff to confirm active involvement in the project, including cost participation, from the other study participants in the form of a Joint Powers Agreement, subject to the following conditions:*

1. *The City of Saint Paul, College of Saint Catherine's, Sisters of Saint Joseph of Carondelet, and Saint Paul Academy enter into a Joint Powers Agreement to be active participants in the study and collectively pay for 50% of the study costs.*
2. *The Joint Powers Agreement shall be reviewed and approved by the Board of Managers and the Ramsey County Attorney.*

Jones/Thienes

Unanimously approved

F) Approve District 10 Rain Barrel Workshop Stewardship Grant (Storey)

Ms. Storey said on February 27, 2008 CRWD received a Stewardship Grant application from the Como Community Council Environment Committee with a request for funds to host two rain barrel workshops in which attendees will construct 80 rain barrels (one per participant) for use on their property. Funds will be used to contract with Verde Strategies to conduct two workshops; and for workshop supplies, including rain barrel materials, promotional flyers, and refreshments. Ms. Storey said attendees will pay a participation fee of \$25, and construct their own barrel with materials provided by Verde. Ms. Storey said the total project cost is \$6,143.75.

Motion 08-03-24: *Approve the District 10 Como Community Council Environment Committee Stewardship Grant project with reimbursement funding not to exceed \$2,000.00 subject to the following conditions:*

- 1) *The CRWD and the District 10 Como Community Council Environment Committee must both approve and enter into Cooperative Agreement; and*
- 2) *All conditions must be met and the project completed within one year after project approval.*

Deneen/Jones

Unanimously approved

G) Approve letter of support for Como Blvd East project (Fossum)

Mr. Fossum Saint Paul Parks and Recreation is seeking a DNR Conservation Partners grant to help fund a project to revegetate a 1.25 acre area between Como Lake Drive East and Como Blvd East Mr. Fossum said Parks and Recreation held a community meeting on March 18th to gain public support for this project. Mr. Fossum explained that if there is negative feedback or the City chooses not to proceed with the project, the CRWD letter will not be sent.

Motion 08-03-25: *Approve letter of support for a DNR Conservation Partners Grant for the Como Blvd East-Como Lake Drive East Area Restoration.*

Jones/Piram

Unanimously approved

H) Approve Contract Amendment Authorization for TBI Feasibility Study (Fossum)

Mr. Fossum said as of March 18, 2008 the following activities of the Trout Brook Storm Sewer Interceptor Repair Feasibility Study have been completed; Phase 1 environmental site assessment; Topographical survey and base map; Confined space entry training and entry permit; Environmental screening of soils; and Geotechnical (soil) borings and cone penetration tests. Mr. Fossum said the remaining field work includes removal of sediment and inspection and survey of the section of the pipe needing repair. A full update of the project will be provided at the next Board meeting on April 2, 2008. Because of late winter/early spring weather conditions, snowmelt and a project deadline of May 1, 2008; timing of this project is critical.

Pile Integrity Testing (PIT) was listed as an optional task in Barr Engineering's scope and budget presented to and approved by the Board on February 19, 2008, however, it was not included in the approved contract amendment. If exposed piles are found in the pipe after sediment removal, it may be desirable to perform PIT to measure the depths of up to three piles in the underlying soils, which will provide additional information and aid in determining the stability of the existing sewer foundation and the possibility of future sagging in the pipe. The cost of the PIT is estimated at \$5,100. To necessitate PIT, several factors must occur: 1) pile(s) need to be protruding from the bottom of the pipe; 2) all water and sediment needs to be removed from pipe; and 3) adequate amount of area at the caps or tops of the piles need to be clear of sediment. Mr. Fossum said because this element of the study cannot be determined until sediment is removed from the pipe, staff is requesting authorization to determine whether or not Barr Engineering should perform PIT based on observed conditions in the pipe. Alternatively, if staff is not granted discretion for making work changes and the work in the pipe indicate that PIT is feasible; staff would request authorization to conduct the test from the Board at a later meeting. In this scenario, the cost of the test would increase and a second round of by-pass pumping and some sediment removal would be required.

Mr. Fossum reminded the board that they have previously authorized staff level change orders for the Como Park Golf Course Pond Project to expedite decisions in the field that are time-sensitive.

Motion 08-03-26: *Authorize the Administrator to approve contract amendments up to 10% (\$13,117), singularly or in aggregate, of the total contract amount for the Trout Brook Storm Sewer Interceptor Repair at Maryland Avenue/I-35E Feasibility Study subject to the following conditions:*

- 1) *Staff authorization is only for change orders that need approval prior to the next Board meeting to keep the project on schedule.*
- 2) *The Administrator shall report any change orders at the next meeting of the Board of Managers.*

Thienes/Jones

Unanimously approved

VI. Unfinished Business

A) Watershed Management Plan Update (Fossum)

Mr. Fossum said staff are currently working with EOR, Inc. in developing the scope, workplan and budget for the District to complete the 2010 WMP. Mr. Fossum said the current plan will be valid until December 14, 2010, staff has revised the preliminary schedule to extend into 2010 to allow for a more thorough process. Mr. Fossum said District Staff and EOR, Inc. will review the draft scope and workplan with the Board at the April 16th Board meeting. Manager Piram said he will not be able to attend that Board meeting.

B) City of St. Paul Comprehensive Plan Update (Fossum)

Mr. Fossum said the City of St. Paul is ready to distribute the draft Comprehensive Plan for the comment and review process. Mr. Fossum said he spoke to Larry Soderholm who suggested the Board submit comments early. Mr. Fossum said staff will review the Plan with the Board at the April 16th Board meeting.

C) 2008 Event Schedule (Storey)

Ms. Storey said with costs exceeding \$16,000, and fewer than 300 attendees in 2007, it was decided to reevaluate the Como Lake Water Festival (CLWF) as an outreach tool. Ms. Storey said alternative events have been discussed. A number of ideas were discussed including a partnership with St. Paul Division of Parks and Recreation's for an Earth Day Clean Up that happens in April, a Children's Water Festival specifically for District schools, a music festival with a water-quality focus, or a series of summer weekday evening events that are free to the public but require registration, e.g. pond study, fishing lessons, canoe lessons combined with an educational component. The managers agreed that the summer event schedule was a very good idea. Manager Deneen said the volunteers at CLWF really do a great job cleaning the lake area and she would like to see that continue. Ms. Storey said a Como Lake clean up could be added to the list of events.

VII. General Information

A) CAC Update (Manager Thienes)

Manager Thienes said Michael MacDonald gave a presentation on ground water basics including where and what are the different aquifer areas. Manager Piram said he would like to see that presentation. Dawn Nelson presented the CAC with the Well Sealing Update that she presented to the Board earlier in the year. Manager Thienes said the CAC had discussion about active members and learned that the Board was to annually reappoint CAC members, which will begin at the April 2 Board Meeting and be on the Agenda at the Annual Board Meetings.

B) 2008 MAWD Legislative Breakfast (Manager Deneen)

Manager Deneen and Mark Doneux attended the MAWD Legislative Breakfast. Manager Deneen gave an overview of the Legislative Update.

C) Ramsey Conservation District Board Meeting (Manager Deneen)

Manager Deneen reported on the presentation of Shawn Tracey at the Church Prince of Peace. Manager Deneen said the surface water is coming down the hill cutting a gully. The soil filled water goes directly into Bennett Lake. The Ramsey Conservation District and Deb Bloom at the City of Roseville are cooperating with this project. Manager Deneen said Shawn Tracey gave a well documented presentation.

VIII. Wednesday, April 2, 2008 Regular Meeting Agenda Review

IX. Adjournment – The meeting was adjourned at 7:35 p.m. by consensus.

Respectfully submitted,

Dawn M. Nelson

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