COON CREEK WATERSHED DISTRICT
BOARD OF MANAGERS' MEETING

June 23, 2014

The Board of Managers of the Coon Creek Watershed District held their regular meeting on June 23, 2014, at Bunker Hills Activity Center.

POLICY ITEMS
1. Call to Order: The meeting was called to order at 7:30 PM
Present: Scott Bromley, Warren Hoffman, Brad Johnson, Clayton Kearns, and Byron Westlund
Staff: Rebecca Haug, Tim Kelly, Diana Shonyo, and Michelle Ulrich
Other: Del and Lois Balfany of Coon Rapids, Terry Balfany of Coon Rapids

2. Approval of the Agenda: Motion to approve the agenda, as amended to move Item 15 to Item 7.5, was made by Hoffman and seconded by Bromley. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

3. Open Mike: No one present

POLICY ITEMS
4. Approval of Minutes: Motion to Approve the Minutes was made by Hoffman and seconded by Johnson. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

5. Review and Declaration of Emergency on Ditch 44-3: Kelly noted the lowering of the culvert started today and will be completed in 3-3 days. As this project will require reallocation of funds, resolution 14-04 is required.

Motion to Adopt Resolution 14-04 Authorizing Emergency Repair Work to Prevent Flooding on Anoka County Public Ditch No. 44-3 was moved by Westlund and seconded by Bromley.

RESOLUTION NO. 14-04

AUTHORIZING EMERGENCY REPAIR WORK TO PREVENT FLOODING ON ANOKA COUNTY PUBLIC DITCH NO. 44-3

WHEREAS, the Coon Creek Watershed District (District) is a metropolitan watershed district with the powers and authorities as set forth in the Minnesota Watershed Law, Minnesota Statutes chapter 103D, and the Minnesota Metropolitan Surface Water Management Act, Minnesota Statutes chapter 103B, to manage the natural resources and public drainage systems within the watershed district; and
WHEREAS, in accordance with the above authorities the District has adopted an approved watershed management plan, and is implementing its water management programs to prevent flooding, protect, preserve and maintain the natural surface water and public drainage systems in the District; and

WHEREAS, the District has been advised of severe flooding within an area of Anoka County Public Ditch No. 44-3 located at Lexington Avenue and 165th in Ham Lake, Minnesota (see map attached); and

WHEREAS, the severe flooding is creating a clear and imminent danger to the health and welfare of the District’s residents, and it is necessary for the District to implement a repair project on that portion of the public ditch system to alleviate the flooding in the subject area.

THEREFORE BE IT RESOLVED that the District Board of Managers authorizes District staff to implement an emergency repair project on that part of Ditch No. 44-3 as determined by District staff and the District Engineer to alleviate flooding and prevent property damage in the affected area.

Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns and Westlund) and no nays.

6. NPDES Annual Report: Kelly presented a copy of the report and asked for Board approval.

Motion to Approve the NPDES Annual Report was made by Hoffman and seconded by Bromley. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

7. CAC member appointment-Nick Phelps, Blaine: Kelly noted that Phelps expressed an interest in the Citizen’s Advisory Committee while involved with a citizen cleanup activity. Phelps is on the U of Minnesota faculty involved in aquatic invasive species.

Motion to Approve Phelps as a CAC member was made by Westlund and seconded by Bromley. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

PERMIT ITEMS

7.5. Tylers Cove: The purpose of this project is grading of two single family residential lots in SE quadrant of the cu-de-sac on 126th Ave. NE east of the intersection of 126th and Shenandoah Blvd. NE in Coon Rapids, MN.

The staff report provided to the Board identified the following issues and concerns:

| Escrows:                  | 1. Receipt of escrows. |
$2,000 + (0.68 \times $500/acre) = $2,340.00

Staff recommendation to Approve with 1 Stipulations:
1. Receipt of escrows of $2,340.00.

Staff recommendation to Approve with 1 Stipulations was moved by Johnson and seconded by Hoffman. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

8. **Bricks American Pub**: The purpose of this project is a restaurant/retail building in the Duck Hill Development at SW corner of the Davenport St. NE and 107th Ave. NE intersection in Blaine, MN.

The staff report provided to the Board identified the following issues and concerns:

<table>
<thead>
<tr>
<th>Soils &amp; Erosion Control: Infiltration basins are not protected from erosion and sedimentation. One inlet protection was missed on CBMH 106 (by the front entrance where the roof drains join the system) and needs to be added to the plan.</th>
<th>1. Show the inlet protection on the SWPPP plan for CBMH 106.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils &amp; Erosion Control: Infiltration basins (rain gardens) are not protected from erosion and sedimentation. There are notes to install additional row of silt fence around each rain garden after rain garden mixture is installed. Show the additional silt fence on the plan so the contractor does not overlook the note.</td>
<td>2. Show the additional silt fence around the rain gardens on the plan.</td>
</tr>
<tr>
<td>There is no riprap or turf reinforcement mat for the EOF of rain garden 3 into the pond.</td>
<td>3. Provide riprap or turf reinforcement mat for EOF to rain garden 3 into the pond.</td>
</tr>
<tr>
<td><strong>Stormwater &amp; Hydraulics</strong>: The applicant is meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation. A post construction test on the infiltration basin will be required to verify the assumed infiltration rates are obtained. The applicant must acknowledge that they will conduct a post construction test on the infiltration basin by filling the basin to a minimum depth of 6 inches with water and monitor the time necessary to drain. The Coon Creek Watershed District shall be notified prior to the test to witness the results.</td>
<td>4. The applicant must acknowledge that they will conduct a post construction test on the infiltration basin by filling the basin to a minimum depth of 6 inches with water and monitor the time necessary to drain. The Coon Creek Watershed District shall be notified prior to the test to witness the results.</td>
</tr>
</tbody>
</table>
minimum depth of 6 inches with water and monitor the time necessary to drain. The Coon Creek Watershed District shall be notified prior to the test to witness the results.

| **Water Quality:** All discharges into the pond are pretreated by rain gardens and are not designed correctly as a filtration system. Provide cleanouts for the drain tile in all three rain gardens. |
| 5. Provide cleanouts for the drain tile in all three rain gardens. |

| **Water Quality:** All discharges into the pond are pretreated by rain gardens and are not designed correctly as a filtration system. The District would like to see if the system can function as an infiltration system. Please add detail and instructions to the plans to temporarily cap or plug (in the manhole structure) the drain tile installed under Rain Garden #1 and #2. If it is proven that these rain gardens do not meet infiltration requirements, then the caps/plugs may be removed and the system will be allowed to operate as filtration systems. |
| 6. Add details and notes to the plans to temporarily cap or plug (in the manhole structure) the drain tile installed under Rain Garden #1 and #2. |
| 7. Provide details and notes on the utility plan showing that section of storm sewer is to be abandoned and how. |

| **Escrows:** |
| $2,000 + (.15 \times $500/acre) = $ 2,075 |

| 8. Receipt of escrows. |

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Staff recommendation to table with 8 Stipulations:

1. Receipt of escrows of $2,075.00.
2. The applicant must acknowledge that they will conduct a post construction test on the infiltration basin by filling the basin to a minimum depth of 6 inches with water and monitor the time necessary to drain. The Coon Creek Watershed District shall be notified prior to the test to witness the results.
3. Show the inlet protection on the SWPPP plan for CBMH 106.
4. Show the additional silt fence around the rain gardens on the plan.
5. Provide cleanouts for the drain tile in all three rain gardens.
6. Add details and notes to the plans to temporarily cap or plug (in the manhole structure) the drain tile installed under Rain Garden #1 and #2.
7. Provide details and notes on the utility plan showing that section of storm sewer is to be abandoned and how.
8. Provide riprap or turf reinforcement mat for EOF to rain garden 3 into the pond.
Staff recommendation to Table with 8 Stipulations was moved by Hoffman and seconded by Johnson. Motion carried with four yeas (Hoffman, Johnson, Kearns, and Westlund), one abstention (Bromley), and no nays.

9. CSAH 51 (University Ave. Transportation Improvement): The purpose of this project is lane expansion, culvert installation, grading and development, and pond construction/wetland alteration on CSAH 51 from approximately CSAH 12 (109th Ave. NE) to CSAH 14 (125th Ave.) in Coon Rapids and Blaine, MN.

The staff report provided to the Board identified the following issues and concerns:

<table>
<thead>
<tr>
<th>Stormwater &amp; Hydraulics:</th>
<th>However, the applicant has met with District staff and they are meeting to the maximum extent possible.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrow: $2,000 + (38.95 ac x $500/ac) = $21,475</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

Staff recommendation to Approve with 1 Stipulation:

1. Receipt of escrows of $21,475.00

Staff recommendation to Approve with 1 Stipulation was moved by Kearns and seconded by Hoffman. Motion carried with four yeas (Hoffman, Johnson, Kearns, and Westlund), one abstention (Bromley), and no nays.

10. Gudell Project: The purpose of this project is bank stabilization along the Mississippi River at 10860 Mississippi Dr NW in Coon Rapids, MN.

The staff report provided to the Board identified the following issues and concerns:

<table>
<thead>
<tr>
<th>ISSUES/CONCERNS:</th>
<th>NEED:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Planning &amp; Zoning: Approval from the City of Coon Rapids is required.</td>
<td>1. Proof of approval from the City of Coon Rapids for the project is required prior to any work being completed.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control: Soils affected by the proposal are Langola and Kingsley. All water bodies are protected from erosion and sedimentation. Plans for erosion control must be followed.</td>
<td>2. Because of the highly erodible soils, a preconstruction meeting is required.</td>
</tr>
<tr>
<td>Escrows: $2,000 + (1.02 x $500/ac) = $2,510</td>
<td>3. Receipt of Escrows</td>
</tr>
</tbody>
</table>
Haug noted that the escrow payment was received today.

Staff recommendation to Approve with 2 Stipulations:
1. City of Coon Rapids approval
2. Pre-construction meeting be held with City, CCWD and contractor

Staff recommendation to Approve with 2 Stipulations was moved by Johnson and seconded by Bromley. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

11. **Madelyn Cove:** The purpose of this project is residential site development at 8845 Baltimore St. NE in Blaine, MN.

The staff report provided to the Board identified the following issues and concerns:

<table>
<thead>
<tr>
<th>Escrows:</th>
<th>Receipt of escrows.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,500 + (2.4 ac x $500/acre) = $3,200.00</td>
<td></td>
</tr>
</tbody>
</table>

Staff recommendation to Approve with 1 Stipulations:
2. Receipt of escrows of $3,200.00.
3. 

Staff recommendation to Approve with 1 Stipulations was moved by Hoffman and seconded by Kearns. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

12. **NNG-Elk River MP 17.8 Replacement:** The purpose of this project is NNG pipeline replacement from just N of 143rd Ave. NE and HWY 65 to Andover Blvd. in Ham Lake, MN.

The staff report provided to the Board identified the following issues and concerns:

<table>
<thead>
<tr>
<th>Maintenance: As-built drawings with elevations will be required to document that the top of pipe elevations are a minimum of 4 feet below the approved ditch bottom elevations in the table above.</th>
<th>1. As-built drawings with elevations will be required to document that the top of pipe elevations are a minimum of 4 feet below the approved ditch bottom elevations in the table above.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (19.5 ac x $500/ac) = $11,750.00</td>
<td>2. Receipt of escrows</td>
</tr>
</tbody>
</table>

Haug noted that As-built drawings were submitted today.

Staff recommendation to Approve with 1 Stipulations:
1. Receipt of Escrows of $11,750.00
Staff recommendation to Approve with 1 Stipulation was moved by Johnson and seconded by Bromley. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

13. **Protofab:** The purpose of this project is a building addition and parking lot expansion at 10004 Goodhue St. NE in Blaine, MN.

The staff report provided to the Board identified the following issues and concerns:

<table>
<thead>
<tr>
<th>ISSUES/CONCERNS:</th>
<th>NEED:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (1.40 acres x $500/acre)= $2,700.00</td>
<td>1. Receipt of escrows</td>
</tr>
</tbody>
</table>

Staff recommendation to Approve with 1 Stipulations:

1. Receipt of escrows of $2,700.00.

Haug noted that escrows have been received.

Staff recommendation for Approval was moved by Hoffman and seconded by Bromley. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

14. **Round Lake Blvd. Reconstruction:** The purpose of this project is road reconstruction at Round Lake Blvd. from 115th Ave to the N side of the Burlington Northern railroad tracks in Coon Rapids, MN.

The staff report provided to the Board identified the following issues and concerns:

<table>
<thead>
<tr>
<th>Stormwater &amp; Hydraulics: The applicant is not meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation on new impervious surfaces.</th>
<th>However, the applicant has met with District staff and they are meeting the requirement to the maximum extent possible.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stormwater &amp; Hydraulics: The applicant has not provided hard copies for the stormwater runoff calculations that show that the hydrologic characteristics of the area are not altered as claimed in the SWPPP notes.</td>
<td>1. Provide hard copies of the stormwater runoff calculations that show that the hydrologic characteristics of the area are not altered as claimed in the SWPPP notes.</td>
</tr>
</tbody>
</table>

| Escrows: $2,000 + (10 ac x $500/acre) = $7,000.00 | 2. Receipt of Escrows |

Staff recommendation to Approve with 2 Stipulations:

1. Receipt of escrows of $7,000.00
2. Provide hard copies of the stormwater runoff calculations that show that the hydrologic characteristics of the area are not altered as claimed in the SWPPP notes.

Staff recommendation to Approve with 2 Stipulations was moved by Johnson and seconded by Hoffman. Motion carried with five yea(s) (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

15. Tylers Cove: Moved to Item 7.5

16. Vision Woodworking: The purpose of this project is the addition to building, utility work, and creation of parking stalls between 79th Ave. and 78th Ave. along Hickory St. at 7890 Hickory St. NE in Fridley, MN.

The staff report provided to the Board identified the following issues and concerns:

<table>
<thead>
<tr>
<th>ISSUES/CONCERNS</th>
<th>NEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stormwater &amp; Hydraulics: The applicant intends to use the existing 4” diameter outlet. In order to ensure the outlet isn’t plugged some device or method of ensuring the outlet remains unobstructed needs to be provided. Recommend the applicant consider attaching an 8” diameter collar over the outlet that makes water flow 4” to 6” under the collar so floating material remains on the water surface.</td>
<td>1. Provide a collar or other method to keep the 4” outlet from plugging.</td>
</tr>
<tr>
<td>Water Quality: The applicant is not meeting the water quality rule by treating TSS to 80% removal. There is no wet pond proposed so all water quality treatment is the result of infiltration. The infiltration basin is sized for a 1” storm by increasing the capacity to 1.3” the applicant would meet the District’s rule.</td>
<td>2. Increase the pond depth to 852 to provide more storage to achieve 80% TSS removal on an annual basis to meet the water quality rule. 3. Correct the outlet elevation on Sheet C-4.1 Utility Plan to 856.0. 4. Show where the Rain Guardian will be located on Sheet C-4.</td>
</tr>
<tr>
<td>Escrows: $2,000 + (2 ac x $500/ac) = $3,000</td>
<td>5. Receipt of escrows</td>
</tr>
</tbody>
</table>
5. Show where the Rain Guardian will be located on Sheet C-4.

Staff recommendation to Approve with 5 Stipulations was moved by Kearns and seconded by Hoffman. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

DISCUSSION ITEMS

17. 2014 Estimated Budget Expenditures: Kelly gave a PowerPoint presentation explaining the 5 budget categories, their trends over the past 4 years, and a projection of 2015.

18. Tour Comments and Notes: Board members expressed the value in touring the district first hand.

19. Inspection Report Oak-Glen Creek: Kelly gave a PowerPoint presentation of this inspection done this year. This creek is located in Fridley with a drainage area of 1.02 square miles. A bank failure was found and will be budgeted for 2015.

Motion to Receive the Report was made by Johnson and seconded by Hoffman. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

20. Potential No Wake Zone on Crooked Lake: Kelly stated the district has received calls regarding this issue. The cities of Andover and Coon Rapids have asked the District for assistance determining elevations.

INFORMATIONAL ITEMS

21. Receipt of Grant for Rain Gardens: Kelly noted that the District has received a grant through the Anoka Conservation District for rain garden construction in 2014.


23. Magic Fund Documents: Kelly stated the Board will be seeing updated documents for signatures.

ADJOURN

The meeting adjourned at 8:07 on a motion by Johnson and seconded by Hoffman. Motion carried with five yeas (Bromley, Hoffman, Johnson, Kearns, and Westlund) and no nays.

Byron Westlund, President