COON CREEK WATERSHED DISTRICT
BOARD OF MANAGERS' MEETING
April 24, 2017

The Board of Managers of the Coon Creek Watershed District held their regular meeting on April 24, 2017 at the Coon Creek Watershed District Office (emergency change of location due to road construction and impending rain degrading the temporary road conditions.)

1. Call to Order: The meeting was called to order at 5:30 PM
Present: Scott Bromley, Nick Phelps, Byron Westlund, Anthony Wilder.
Staff: Corinne Elfelt, Tim Kelly, Michelle Ulrich.
Others: Glenda Meixell, ACD Supervisor

2. Approval of the Agenda: Wilder moved to approve the Agenda. Seconded by Bromley. Motion carried with four yeas (Bromley, Phelps, Westlund and Wilder) and no nays.

3. Announcements: District Administrator, Tim Kelly, has won the National Water Manager of the Year Award from the American Public Works Association. The Board offered congratulations.

4. Open Mike: No one present

POLICY ITEMS

5. Approval of Minutes of April 10, 2017 meeting with no additions, changes or corrections: Westlund moved to approve the Minutes. Seconded by Bromley. Motion carried with four yeas (Bromley, Phelps, Westlund and Wilder) and no nays.

6. Review Forestry Request for Proposal (RFP) Results: Staff presented the staff report and the process of collecting RFPs for District forestry services. Staff recommendation was to award forestry services to YTS Companies LLC.

Phelps moved to award the forestry services contract to YTS Companies LLC. Seconded by Bromley. Motion carried with four yeas (Bromley, Phelps, Westlund and Wilder) and no nays.

PERMIT ITEMS

7. Boulevard Park Improvements: The purpose of this project is the construction of play areas, Splash Pad, trails and vegetative landscaping located in the southwest quadrant of Coon Rapids Boulevard and Crooked Lake Boulevard in Coon Rapids, Minnesota.

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

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stormwater &amp; Hydraulics: The applicant is meeting the volume management requirement equivalent to infiltrating runoff from the first inch of</td>
<td>1. 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</td>
</tr>
</tbody>
</table>
A post construction test on the infiltration basin will be required to verify the assumed infiltration rates are obtained. Consistent infiltration is unclear due to the high NWL of the adjacent pond.

**Soils & Erosion Control:** District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.

<table>
<thead>
<tr>
<th>Precipitation</th>
<th>Infiltration Basin</th>
<th>NWL Adjacent Pond</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inches with water and monitor the time necessary to drain.</td>
<td>The Coon Creek Watershed District shall be notified prior to the test to witness the results.</td>
<td></td>
</tr>
<tr>
<td>Add a drain tile in the infiltration basin to provide a filtration outlet in the event of high subsurface water and show details to connection to existing OCS.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Escrows:** $2,000 + (5.3 ac * $500/ac) = $4,650.00

Staff recommendation was to Table with 4 Stipulations as follows:

1. 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.
2. Add a drain tile in the infiltration basin to provide a filtration outlet in the event of high subsurface water and show details to connection to existing OCS.
3. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.
4. Receipt of escrows, $4,650.00.

After discussion of the stipulations, the Board consensus was the stipulations did not warrant tabling the application, but to approve with the stated stipulations.

Motion to Approve with 4 Stipulations was moved by Westlund and seconded by Bromley. The motion carried with four yeas (Bromley, Phelps, Westlund and Wilder) and no nays.

8. **Rylies Way:** The purpose of this project is custom grade residential lots located at 176th Avenue West between Durant and Lever Street NE in Ham Lake, Minnesota.

The staff report provided to the Board identified no issues or concerns. Staff recommendation was to Approve with 0 Stipulations.

Motion to Approve with 0 Stipulations was moved by Wilder and seconded by Bromley. The motion carried with four yeas (Bromley, Phelps, Westlund and Wilder) and no nays.
9. **Spirit of Grace Church:** The purpose of this project is the construction of a 4,242 square foot building addition on a 2.06 acre lot located at the northwest corner of Woodcrest Dr NW and 101st Avenue NW in Coon Rapids, Minnesota.

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

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (2.06 ac * $500/ac) = $3,030</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Stormwater &amp; Hydraulics:</td>
<td>2. Update the model with MSE-3 rainfall distribution for proposed conditions.</td>
</tr>
<tr>
<td></td>
<td>3. To ensure consistency in infiltration rates between model and information from Braun, use average (in/hr) value in model instead of cfs.</td>
</tr>
<tr>
<td></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>
<tr>
<td>Maintenance:</td>
<td>5. Provide an O&amp;M Agreement that meets District requirements.</td>
</tr>
</tbody>
</table>

A post construction test on the infiltration basin will be required to verify the assumed infiltration rates are obtained.

Staff recommendation was to Table with 5 Stipulations as follows:

1. Receipt of escrows, $3,030.00.
2. Update the model with MSE-3 rainfall distribution for proposed conditions.
3. To ensure consistency in infiltration rates between model and information from Braun, use average (in/hr) value in model instead of cfs.
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.
5. Provide an O&M Agreement that meets District requirements.

Motion to Table with 5 Stipulations was moved by Westlund and seconded by Bromley. The motion carried with four yeas (Bromley, Phelps, Westlund and Wilder) and no nays.
10. **Spring Lake Park Senior Housing:** The purpose of this project is the construction of an apartment complex with surface parking on 4.14 acre lot at the corner of Manor Dr NE and Laddie Rd in Spring Lake Park, Minnesota.

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

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Escrows:</strong> $2,000 + (4.14 ac * $500/ac) = $4,070</td>
<td>1. Receipt of escrows.</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.</td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td>3. Provide information regarding the pump size, capacity and efficiency. Also provide a detail on plan that reflects its operation.</td>
</tr>
<tr>
<td></td>
<td>4. Provide passive emergency overflow that does not impact proposed garage area.</td>
</tr>
<tr>
<td></td>
<td>5. Model the northeast parking area subwatershed and pump explicitly in HydroCAD. Show that the pump can handle the runoff and that water does not pool in the parking lot greater than elevation 905.6.</td>
</tr>
</tbody>
</table>
905.6. Water above 905.6 would flood the proposed garage.

<table>
<thead>
<tr>
<th>Maintenance: There is no erosion control shown for the grading associated with the expansion of the City pond in Conde Park. This activity must be included in the erosion control plan (SWPPP).</th>
<th>6. Provide language and plan sheets addressing the erosion control needed in the erosion control plan (SWPPP) for the grading of Conde Park Pond (construction entrance, erosion control, stabilizing vegetation, inlet protection, sedimentation protection, etc.).</th>
</tr>
</thead>
</table>

**Maintenance:** The Owner will be responsible for the inspection and maintenance of stormwater facilities. A maintenance agreement has not been executed. The applicant has not submitted a Maintenance Plan for each Stormwater Treatment Practice.

7. Provide an O&M Agreement that meets District requirements.

Staff recommendation was to Table with 7 Stipulations as follows:

1. Receipt of escrows, $4,070.00.
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. Provide information regarding the pump size, capacity and efficiency. Also provide a detail on plan that reflects its operation.
4. Provide passive emergency overflow that does not impact proposed garage area.
5. Model the northeast parking area subwatershed and pump explicitly in in Hydrocad. Show that the pump can handle the runoff and that water does not pool in the parking lot greater than elevation 905.6.
6. Provide language and plan sheets addressing the erosion control needed for the grading of Conde Park Pond in the erosion control plan (SWPPP).
7. Provide an O&M Agreement that meets District requirements.

Motion to Table with 7 Stipulations was moved by Phelps and seconded by Bromley. The motion carried with four yeas (Bromley, Phelps, Westlund and Wilder) and no nays.

**DISCUSSION ITEMS**

11. **Review District Growth:** Kelly reviewed 2016 District activities and the growth as outlined in the staff report. Westlund asked if all stormwater assets and infiltration basins for industrials sites have been included. Kelly noted that those that have been permitted and approved are included as District assets.
Motion to Receive the District Growth Report was moved by Westlund and seconded by Bromley. The motion carried with four yeas (Bromley, Phelps, Westland and Wilder) and no nays.

12. Evaluation of District Operations: Staff report highlighted the current conditions of the watershed, the ability of the watershed to continue producing the beneficial uses it is supplying and the uses that water and related resources provide for constituents.

Westlund noted the need for stronger emphasis on inspections of projects, ditches and permits. Bromley stated he felt inspections were at a comfortable level. Westlund restated his concern that additional inspections be done for the overall good of the District’s water resources.

Motion to Receive the Evaluation of District Operations Report was moved by Westlund and seconded by Wilder. The motion carried with four yeas (Bromley, Phelps, Westlund and Wilder) and no nays.

INFORMATIONAL ITEMS
13. Lower Colorado River tops list of most endangered in U.S.: Article reviewing the 10 most endangered rivers in the U.S. as they face threats from dams to pollution and possible reduction in conservation funding.

14. Pets & lawn fertilizer pose big threats to Mississippi River in Twin Cities: A new study from the University of Minnesota suggests that household fertilizer and pet waste are the major sources of nutrients polluting Twin Cities lakes, streams and rivers. A new study gives the first comprehensive look at the sources of nitrogen and phosphorus in the Twin Cities watershed and how quickly the nutrients move across the land, ending up in the Mississippi River.

15. America’s flood insurance system is sinking: Premiums will rise an average 6.3 percent this year, according to the National Flood Insurance Program (NFIP). Rates could continue to rise by up to 25 percent a year until NFIP becomes “actuarially sound.” Flooding nationwide has brought home to many homeowners the surprise of learning homeowners’ policies do not cover flood damage. Others thought they were safely out of flood zones because federal flood maps led them to believe they did not need flood insurance, then were hit with the “500-Year Flood” event and found they were not insured for flood losses.

ADJOURN
The meeting adjourned at 6:08 PM on a motion by Wilder, seconded by Bromley. Motion carried with four yeas (Bromley, Phelps, Westlund and Wilder) and no nays.

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Byron Westlund, President