COON CREEK WATERSHED DISTRICT
BOARD OF MANAGERS' MEETING
March 13, 2017

The Board of Managers of the Coon Creek Watershed District held their regular meeting on March 13, 2017 at the Bunker Hills Activities Center.

1. Call to Order: The meeting was called to order at 5:30 PM
Staff: Corinne Elfelt, Tim Kelly, Ed Matthiesen, Michelle Ulrich.
Others: Jim Malvin, Rylie’s Way.

2. Approval of the Agenda: Hoffman moved to approve the Amended Agenda to include Permit Items 11 (Anoka Ramsey Community College Outfall Repair & Bank Stabilization), 12 (Preserve at Legacy Creek 4th Addn) and 15 (Shield Pattern Works) with Stipulations as recommended by staff. Seconded by Bromley. Motion carried with three yeas (Bromley, Hoffman, and Westlund) and no nays.

3. Announcements: Kelly announced Rebecca Haug had resigned her position effective March 31 with the District and will begin working for the City of Blaine.

4. Open Mike: No one present to address the Board

CONSENT AGENDA
5. Approval of Minutes with no changes, additions or corrections.
6. Receive Staff Report
8. Receive Monthly Financial Statements
9. Approve Bills: Claims totaling $124,630.26 on the following disbursement list will be issued and released upon Board approval.

<table>
<thead>
<tr>
<th>To</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-1 Floor and Carpet Care Inc.</td>
<td>345.00</td>
</tr>
<tr>
<td>AMCON</td>
<td>14,000.00</td>
</tr>
<tr>
<td>Anoka County</td>
<td>60,228.33</td>
</tr>
<tr>
<td>BL Holdings</td>
<td>1,500.00</td>
</tr>
<tr>
<td>Dawn Doering</td>
<td>24.61</td>
</tr>
<tr>
<td>Corinne Elfelt</td>
<td>37.26</td>
</tr>
<tr>
<td>Mario Frucci</td>
<td>13.92</td>
</tr>
<tr>
<td>GreatAmerica Financial Services Corp</td>
<td>298.00</td>
</tr>
<tr>
<td>Jive Communications, Inc.</td>
<td>356.23</td>
</tr>
<tr>
<td>KWC Investment III, LLC</td>
<td>3,669.61</td>
</tr>
<tr>
<td>MAWD</td>
<td>4,000.00</td>
</tr>
<tr>
<td>Metro Sales Inc.</td>
<td>257.00</td>
</tr>
<tr>
<td>Michelle Ulrich</td>
<td>3,755.50</td>
</tr>
<tr>
<td>RESPEC</td>
<td>7,787.33</td>
</tr>
<tr>
<td>U. S. Bank</td>
<td>289.80</td>
</tr>
<tr>
<td>U. S. Bank</td>
<td>260.00</td>
</tr>
<tr>
<td>U S Postmaster</td>
<td>49.00</td>
</tr>
<tr>
<td>Verizon</td>
<td>308.91</td>
</tr>
<tr>
<td>Wenck Associates, Inc.</td>
<td>27,449.76</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>124,630.26</strong></td>
</tr>
</tbody>
</table>
Motion to approve the Consent Agenda Items and Permit Items 11, 12 and 15 was made by Westlund, seconded by Bromley. Motion carried with three yeas (Bromley, Hoffman, and Westlund) and no nays.

**POLICY ITEMS**

10. Update: Sunrise WMO Boundary Amendment

The presentation outlined the remaining issues and concerns, field check results, and options for the District.

Kelly is working to meet with BWSR on the options. Ulrich noted that the WMO could make petition for the boundary amendment. The Board directed staff to collect additional information and bring it back to the Board.

**PERMIT ITEMS**

11. Anoka Ramsey Community College Outfall Repair & Bank Stabilization: The purpose of this project is the repair of the outfall and bank stabilization along the Mississippi River at 11200 Mississippi Blvd NE in Coon Rapids, Minnesota.

The staff report provided to the Board indicated all issues and concerns had been addressed.

Staff recommendation was to Approve with 0 Stipulations.

Motion was made and approved with the Consent Agenda.

12. Preserve at Legacy Creek 4th Addition: The purpose of this project is the installation of municipal utilities and street improvements located at 129th Avenue and Leyte Circle NE, north of 129th Avenue NE in Blaine, 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>Soils &amp; Erosion Control: Erosion Control Plan does not meet District requirements.</td>
<td>1. Provide Erosion Control Plan that addresses the following issues:</td>
</tr>
<tr>
<td></td>
<td>a. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.</td>
</tr>
<tr>
<td></td>
<td>b. Before grading and site disturbance, provide erosion control along project boundaries to protect existing stormwater basins.</td>
</tr>
<tr>
<td></td>
<td>c. Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle racking onto the paved</td>
</tr>
</tbody>
</table>
It is unclear if dewatering is needed during the construction of the proposed project.

2. Provide statement whether dewatering will be required for the construction of the proposed project. If yes, provide well-field location, rates, discharge location, schedule and quantities.

Staff recommendation was to Approve with 2 Stipulations as follows:

1. The applicant needs to provide an updated erosion control plan showing the following:
   a. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.
   b. Before grading and site disturbance, provide erosion control along project boundaries to protect existing stormwater basins.
   c. Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle racking onto the paved surface. The applicant needs to show a rock construction entrance.
   d. Construction entrance points need to be clearly located on the erosion and sediment control plan.

2. Provide statement whether dewatering will be required for the construction of the proposed project. If yes, provide well-field location, rates, discharge location, schedule and quantities.

Motion was made and Approved with 2 Stipulations with the Consent Agenda.

13. **Primary Automation:** The purpose of this project is the construction of a building addition on the building located at the southeast corner of 134th Ave NE and Aberdeen St NE in Ham Lake, 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 + (1.31 ac * $500/ac) = $2,655.00</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

**Stormwater & Hydraulics:** Site was included in overall drainage plans for existing basins north and northeast of the Site at 85% impervious.

Model provided does not reflect elevations for proposed on-site storm sewer.

2. In order to meet rate control, calculations need to be provided that show the overall site development (Lots 1 & 2) will not exceed 85% impervious.

3. Update model to reflect proposed storm sewer elevations.
**Soils & Erosion Control:** Erosion Control does not meet District requirements.

4. Update erosion control plan with the following items:
   a. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.
   b. Provide note that all soil stockpiles must be fitted with sediment-trapping measures to prevent soil loss.
   c. Provide inlet protection at CB across from proposed driveway on north side of 134th.
   d. Extend silt fence to southern side of proposed CB on south side of project.
   e. Include statement that provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.

**Water Quality:** SHASM calculations were provided. However, no inputs were provided to check the results and the pipe diameter was not changed from default values to reflect site design.

5. Provide inputs used in SHASM and update pipe diameters to reflect proposed on-site storm sewer. A minimum of 4 foot depth is required to prevent resuspension. MNDOT sand particle file is acceptable.

**Maintenance:** A maintenance agreement has not been executed. The applicant has not submitted a Maintenance Plan for each Stormwater Treatment Practice.

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

Staff recommendation was to Table with 6 Stipulations as follows:

1. Receipt of escrows, $2,655.00.
2. In order to meet rate control, calculations need to be provided that show the overall site development (Lots 1 & 2) will not exceed 85% impervious.
3. Update model to reflect proposed storm sewer elevations.
4. Update erosion control plan with the following items:
   a. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.
   b. Provide note that all soil stockpiles must be fitted with sediment-trapping measures to prevent soil loss.
   c. Provide inlet protection at CB across from proposed driveway on north side of 134th.
   d. Extend silt fence to southern side of proposed CB on south side of project.
e. Include statement that provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.

5. Provide inputs used in SHASM and update pipe diameters to reflect proposed on-site storm sewer. A minimum of 4 foot depth is required to prevent resuspension. MNDOT sand particle file is acceptable.

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

Motion to Table with 6 Stipulations was moved by Hoffman and seconded by Bromley. The motion carried with three yeas (Bromley, Hoffman, and Westlund) and no nays.

14. Rylie’s Way: The purpose of this project is to custom grade residential lots located at 176th Avenue West between Durant and Lever Streets NE in Ham Lake, 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>Stormwater &amp; Hydraulics:</strong> Type-II rainfall values were used instead of MSE-3.</td>
<td>1. MSE-3 rainfall distribution or other NOAA distribution for the project area needs to be used instead of Type II to be consistent with Atlas 14 rainfall. MSE-3 distribution is included in HydroCAD v10, starting on Build 16.</td>
</tr>
<tr>
<td>Clarity is required for outlet structures used in model for infiltration basins.</td>
<td>2. Details need to be provided for outlets of 3P and 4P.</td>
</tr>
<tr>
<td>A post construction test on the infiltration basin will be required to verify the assumed infiltration rates are obtained.</td>
<td>3. 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><strong>Soils &amp; Erosion Control:</strong> District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.</td>
<td>4. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity on Sheets 2 and 3.</td>
</tr>
<tr>
<td><strong>Other:</strong> City Comments dated 3/3/2017 indicate that design changes may be required.</td>
<td>5. City approval that indicates no additional design changes will be required on-site.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Table with 5 Stipulations as follows:

1. MSE-3 rainfall distribution or other NOAA distribution for the project area needs to be used instead of Type II to be consistent with Atlas 14 rainfall. MSE-3 distribution is included in HydroCAD v10, starting on Build 16.

2. Details need to be provided for outlets of 3P and 4P.
3. 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.

4. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity on Sheets 2 and 3.

5. City approval that indicates no additional design changes will be required on-site.

Malvin stated that several stipulations have now been addressed. Kelly noted that acknowledgement of the post construction infiltration test and vegetation stabilization will need to be in writing on each page of the plan set.

No action was taken as Hoffman had abstained and only Bromley and Westlund were present and did not provide a quorum.

15. **Shield Pattern Works:** The purpose of this project in a building addition located southwest of 99th Lane NE and Goodhue in Blaine, 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 + (0.12 ac * $500/ac) = $2,060.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Erosion and Sediment Control:</strong> No erosion control plan was provided.</td>
<td>2. An erosion control plan for the proposed project is required that includes items bulleted in the above Erosion and Sediment Control section.</td>
</tr>
<tr>
<td><strong>Maintenance:</strong> Due to an increase in imperviousness on-site, a maintenance evaluation must be performed on the existing basin to determine if it still meeting District requirements.</td>
<td>3. Applicant must acknowledge that they will perform a maintenance evaluation on the existing basin. If basin has sediment accumulation or is no longer meeting 0.8 in/hr infiltration rate, sediment must be removed and basin bottom must be scarified. It is required that this maintenance evaluation be performed after the construction activities have been completed.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 3 Stipulations as follows:

1. Receipt of escrows, $2,060.00.
2. An erosion control plan for the proposed project is required that includes items bulleted in the above Erosion and Sediment Control section.
3. Applicant must acknowledge that they will perform a maintenance evaluation on the existing basin. If basin has sediment accumulation or is no longer meeting 0.8 in/hr infiltration rate, sediment must be removed and basin bottom must be scarified.
scarified. It is required that this maintenance evaluation be performed after the construction activities have been completed.

Motion was made and Approved with 3 Stipulations with the Consent Agenda.

DISCUSSION ITEMS

16. Update: Mass Wasting on the Mississippi River
Kelly provided a Power Point presentation to describe and explain the slumping that is occurring along the Mississippi River within the District in Fridley. In harmony with the District Comprehensive Plan, the issue is being evaluated by District staff and appropriate professionals.

Staff recommendation was to:
1. Review and discuss this event
2. Receive Report
3. Direct staff to follow plan identified in the staff report

Motion to Approve Staff Recommendations was moved by Hoffman and seconded by Bromley. The motion carried with three yea (Bromley, Hoffman, and Westlund) and no nays.

INFORMATIONAL ITEMS

17. Special Board Workshop – Monday, March 20, 2017: A workshop to discuss the building and budget will be held at the District Office at 4:00 p.m.

18. Trump Orders Review of Clean Water Act: An Executive Order has been issued requiring EPA and the Corps to withdraw and reconsider the Clean Water Rule.

19. Andover Comprehensive Plan Amendment: Andover is amending their Comprehensive Plan to include Rural Reserve Residents. The areas included would have access to city water but would not include access to city sewer hook-up.

At Board Meeting
To Speed Up Infrastructure Projects, Trump Revisits Environmental Regs: Trump wants to reduce the up to 6-year review time of Federal Environmental Regulations for an infrastructure project. Trump wants projects to begin within 90 days of getting federal money.

Engineers Give America’s Infrastructure D+, Again: A report on the infrastructure showed progress for rail, hazardous waste, inland waterways, schools and wastewater, among others. Transit systems, solid waste infrastructure, parks and other recreational facilities are worse than previous reports.
ADJOURN
The meeting adjourned at 6:26 PM on a motion by Hoffman, seconded by Bromley. Motion carried with three yeas (Bromley, Hoffman, and Westlund) and no nays.

_____________________________
Byron Westlund, President