COON CREEK WATERSHED DISTRICT
BOARD OF MANAGERS' MEETING
August 28, 2017

The Board of Managers of the Coon Creek Watershed District held their regular meeting on August 28, 2017 at the Bunker Hills Activities Center.

1. Call to Order: The meeting was called to order at 5:35 PM
Staff: Corinne Elfelt, Mario Frucci, Abbey Lee, Michelle Ulrich, Eileen Weigel
Others: Jim Malvin - Rylie’s Way; Jim Lindahl – ACD Liaison

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

3. Announcements:

4. Open Mike:
Kreun informed the Board he is running for Spring Lake Park School Board. Kreun believes that no statutory conflict of interest exists because he is not seeking a municipal, state, or federal office, but requested that Ulrich look into the matter to make sure. Ulrich agreed to look into the matter to see if there are any issues related to serving concurrently on the CCWD Board and Spring Lake Park School Board.

POLICY ITEMS
5. Approval of Minutes
Motion to approve the Minutes of the August 14, 2017 meeting without change was made by Hoffman, seconded by Kreun. Motion carried with four yeas (Hoffman, Kreun, Westlund and Wilder) and no nays.


There were no additional changes to the budget.

Motion to Approve the Budget for Public Hearing on September 11, 2017 and Order Public Notice and Hearing was made by Westlund, seconded by Hoffman. Motion carried with four yeas (Hoffman, Kreun, Westlund and Wilder) and no nays.

7. Rylie’s Way: Staff provided the background and timeline of the application for permit for the development of 6 residential lots in Ham Lake as requested by the Board at their last meeting.

Malvin was given the opportunity to present information to the Board regarding his application.
Westlund stated this policy item was informational for the Board and discussion should take place during the Permit Item discussion.

Motion to Receive the Report was made by Westlund, seconded by Kreun. Motion carried with three yeas (Kreun, Westlund and Wilder), one abstaining (Hoffman) and no nays.

Westlund noted since the applicant was present could the Board consider Permit Item 14, Rylie’s Way, next.

**PERMIT ITEMS**

14. **Rylie’s Way:** The purpose of this project is to custom grade 6 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 the following issues and concerns:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Floodplain:</strong> There is floodplain on the property according to the District model but not FEMA. The project does propose to place negligible volume of fill within the floodplain. Compensatory storage is not provided.</td>
<td>1. The amount of compensatory storage provided needs to be clarified.</td>
</tr>
<tr>
<td><strong>Wetlands:</strong> Wetlands do exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. The most recent delineation was completed in June 2006.</td>
<td>2. A current delineation needs to be conducted. Wetland delineations, once approved, are only valid for 5 years.</td>
</tr>
<tr>
<td>The wetland boundary has not been checked.</td>
<td>3. Once delineated, the wetland boundary needs to be reviewed and approved by the TEP and the COE.</td>
</tr>
<tr>
<td>Within Coon Creek Watershed District, the total proposed wetland impact is 0 square feet. However, within the entire project boundary, there is an estimated total of over 27,000 square feet of impact.</td>
<td>This amount of impact triggers the need for a WCA permit and COE permit. Receipt of the permit will depend on an accurate delineation, measure and typing of impact, consideration of alternatives and sequencing and submittal and approval of a wetland replacement plan.</td>
</tr>
<tr>
<td>A wetland replacement plan has not been submitted</td>
<td>4. A wetland replacement plan must be submitted and approved prior to</td>
</tr>
</tbody>
</table>
Staff recommendation was to Table with 4 Stipulations as follows:
1. Clarification of the amount of compensatory storage provided
2. Completion of a current wetland delineation.
3. Review and approval of the completed delineation. This amount of impact triggers the need for a WCA permit and COE permit. Receipt of the permit will depend on an accurate delineation, measure and typing of impact, consideration of alternatives and sequencing and submittal and approval of a wetland replacement plan.
4. Submittal of a wetland replacement plan with alternatives and sequencing analysis.

Westlund noted this project is in two watersheds. Lee stated that the City of Ham Lake is the Local Government Unit (LGU-for the area outside CCWD boundary) of the project, however, CCWD can make formal application with BWSR to be the LGU.

Malvin referenced an April 7, 2009, letter from Kjohaug, part of the 2013 Wetland Bank Application, that described the drainage patterns of the site. Malvin noted this letter indicated the wetlands had been drained and therefore a wetland delineation was not needed. Lee read the referenced portion of the letter to the Board noting it described the site’s over-all drainage patterns, not describing current wetland conditions and thus a new wetland delineation is still need to move forward with this project.

Westlund suggested Lee arrange a meeting with the applicant to discuss how to move forward with this project. Westlund offer to take part in the meeting. Kreun agreed the board should be represented at the meeting.

Motion to Table with 4 Stipulations and for staff to arrange a meeting with the applicant was moved by Westlund and seconded by Kreun. The motion carried with three yeas (Kreun, Westlund and Wilder), one abstaining (Hoffman) and no nays.

8. **55-77th Avenue Site Improvements:** The purpose of this project is the addition of 0.56 acres of additional impervious area on a 2.05 acre lot located at the intersection of 77th Avenue NE and Beech Street NE in Fridley, 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 + (1.25 ac \times 500/ac)) = $2,625.00</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</td>
<td>2. Erosion Control</td>
</tr>
<tr>
<td></td>
<td>a. The applicant must acknowledge that they will conduct a post</td>
</tr>
<tr>
<td></td>
<td>construction test on the infiltration basin by filling the</td>
</tr>
</tbody>
</table>
the infiltration basin will be required to verify the assumed infiltration rates are obtained.

Stormwater will likely overtop the curb at CBMH101 during large storm events and cause erosion along flow path.

<table>
<thead>
<tr>
<th>Stormwater &amp; Hydraulics:</th>
<th>Maintenance:</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. 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>It is unknown who 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.</td>
</tr>
<tr>
<td>b. Provide Enkamat (or similar product) along flow path from CBMH101 to bottom of basin to prevent erosion.</td>
<td>3. 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.</td>
</tr>
</tbody>
</table>

**Soils & Erosion Control:** It is unclear if dewatering is needed during the construction of the proposed project.

3. 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.

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

Staff recommendation was to Approve with 4 Stipulations as follows:

1. Receipt of escrows, $2,625.00.
2. Stormwater & Hydraulics:
   a. 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.
   b. Provide Enkamat (or similar product) along flow path from CBMH101 to bottom of basin to prevent erosion during larger storm events.
3. 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.
4. Provide an O&M Agreement that meets District requirements.

Motion to Approve with 4 Stipulations was moved by Westlund and seconded by Hoffman. The motion carried with four yeas (Hoffman, Kreun, Westlund and Wilder) and no nays.
9. **Blaine Retail**: The purpose of this project is contraction of a 26,140 square foot building on an 1.8 acre lot located in the SW quadrant of 117th Ave NE and Central Avenue 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>Escrows: $2,000 + (.6 ac * $500/ac) = $2,300.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Water Quality</strong>: Due to proximity of proposed storm sewer to loading dock, sediment capture is needed at proposed storm sewer.</td>
<td>2. Provide calculations (SHASM can be used) to indicate sumps are appropriately sized to meet district removal rates of 80% TSS. A minimum of 4-foot depth is required to prevent resuspension.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations as follows:
1. Receipt of escrows, $2,300.00.
2. Provide calculations (SHASM can be used) to indicate sumps are appropriately sized to meet district removal rates of 80% TSS. A minimum of 4-foot depth is required to prevent resuspension.

Motion to Approve with 2 Stipulations was moved by Hoffman and seconded by Westlund. The motion carried with four yeas (Hoffman, Kreun, Westlund and Wilder) and no nays.

10. **Brazinsky Addition**: The purpose of this project is a lot split and construction of a new home on 15.6 acres located at the SW corner of Harper Street NE and Bunker Lake Blvd 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 + (0.4 ac * $500/ac) = $2,200.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Floodplain</strong>: Low floor elevations do not meet the criteria for the City of Ham Lake; 1 ft above mottled soil or 100 yr.</td>
<td>2. Mottled soils are present at surface. Permission from the City to set LFE of Lot 2 at 896.0 ft is needed.</td>
</tr>
<tr>
<td>HWL of the County Ditch 59-4 not labeled on plans.</td>
<td>3. Label HWL of CD 59-4 to be 893.8 (NAVD 88).</td>
</tr>
</tbody>
</table>
| **Soils & Erosion Control**: Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle racking onto the paved surface. | 4. Erosion Control  
  a. Provide a note that any sediment tracked onto the street from construction activities will be removed on a daily basis. |
cleaning road surfaces where sediment is transported by the end of the day.

b. Provide a note that any sediment tracked onto the street from construction activities will be removed on a daily basis.

Staff recommendation was to Approve with 4 Stipulations as follows:

1. Receipt of escrows, $2,200.00.
2. Mottled soils are present at surface. Permission from the City to set LFE of Lot 2 at 896.0 ft.
3. Label HWL of CD 59-4 to be 893.8 (NAVD 88).
4. Erosion Control
   a. Provide a note that any sediment tracked onto the street from construction activities will be removed on a daily basis.
   b. Provide a note that any sediment tracked onto the street from construction activities will be removed on a daily basis.

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

11. Cardinal Court: The purpose of this project is construction of eight townhomes on 1.5 acres located at the NW corner of 3rd Street NE and 101st 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>Escrows: $2,000 + (1.5 ac * $500/ac) = $2,750.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Stormwater &amp; Hydraulics: 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>Current grading plan indicates overflow will be over entire east side of proposed basin which may result in long term erosion.</td>
<td>3. Provide defined EOF at biofiltration basin with ECB, such as Enkmat, to protect bank from erosion.</td>
</tr>
<tr>
<td>Unclear if proposed swales will ensure water is directed into proposed biofiltration basin or if water will flow to adjacent property to the east.</td>
<td>4. Provide spot elevations for swales along backyards to ensure drainage is into proposed biofiltration basin and does not escape offsite.</td>
</tr>
<tr>
<td><strong>Soils &amp; Erosion Control:</strong> It is unclear if dewatering is needed during the construction of the proposed project.</td>
<td>5. 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.</td>
</tr>
<tr>
<td>---</td>
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</tr>
<tr>
<td><strong>Water Quality:</strong> Sump provided has a depth of 3 feet.</td>
<td>6. A minimum of 4-foot deep sump at CBMH#1 to prevent resuspension.</td>
</tr>
<tr>
<td><strong>Maintenance:</strong> It is unknown who 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.</td>
<td>7. Provide an O&amp;M Agreement that meets District requirements.</td>
</tr>
<tr>
<td><strong>Wildlife:</strong> The proposed project may include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.</td>
<td>8. Provide documentation from the DNR if the proposed project includes endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Table with 8 Stipulations as follows:

1. Receipt of escrows, $2,750.00.
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 defined EOF at biofiltration basin with ECB, such as Enkamat, to protect bank from erosion.
4. Provide spot elevations for swales along backyards to ensure drainage is into proposed biofiltration basin and does not escape offsite.
5. 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.
6. Provide minimum of 4-foot deep sump at CBMH#1 to prevent resuspension.
7. Provide an O&M Agreement that meets District requirements.
8. Provide documentation from the DNR if the proposed project includes endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.
Motion to Table with 8 Stipulations was moved by Westlund and seconded by Hoffman. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

12. Deer Pond: The purpose of this project is the division of 8 residential lots on 5.3 acres located NW of 128th 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>Escrows: $2,000 + (4.8 ac * $500/ac) = $4,400.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Stormwater &amp; Hydraulics:</strong> Utility plan is not consistent with HydroCAD model.</td>
<td>2. Provide consistent information between utility spreadsheet and HydroCAD model.</td>
</tr>
<tr>
<td>Outlet detail provided for infiltration basin outlet does not provide enough details to compare to model.</td>
<td>3. Include elevations and any additional pipes that are located at CBMH101 on the infiltration basin outlet details.</td>
</tr>
<tr>
<td><strong>Soils &amp; Erosion Control:</strong> No erosion control shown surrounding infiltration basin.</td>
<td>4. Erosion control measures need to be provided around infiltration basin after initial grading to prevent sedimentation and compaction.</td>
</tr>
<tr>
<td>Off-site grading is proposed near the rock construction entrance.</td>
<td>5. Provide written permission from the land owner for off-site grading.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Table with 6 Stipulations as follows:
1. Receipt of escrows, $4,400.00.
2. Provide consistent information between utility spreadsheet and HydroCAD model.
3. Include elevations and any additional pipes that are located at CBMH101 on the infiltration basin outlet details.
4. Erosion control measures need to be provided around infiltration basin after initial grading to prevent sedimentation and compaction.
5. Provide written permission from the land owner for off-site grading.

Lee asked that a 6th Stipulation be added:
6. Provide proof of purchase of wetland credits.

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

13. Erhart Accessory Garage: The purpose of this project is the construction of a 1,200 square foot building on a 1.1 acre lot located at the SE corner of Eldorado Street NE and 115th 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 + (.02 ac * $500/ac) = $2,010.00</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>
Soils & Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.

Construction limits and erosion control not shown on survey.

Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle racking onto the paved surface.

Provisions have not been made for cleaning road surfaces where sediment is transported by the end of the day.

2. Erosion Control
   a. Provide statement to stabilize vegetation in 7 days of rough grading or inactivity.
   b. Show construction limits and provide silt fence along construction limits to prevent sedimentation of adjacent properties.
   c. Provide a note that any sediment tracked onto the street from construction activities will be removed on a daily basis.
   d. Provide a note that any sediment tracked onto the street from construction activities will be removed on a daily basis.

Staff recommendation was to Approve with 2 Stipulations as follows:
   1. Receipt of escrows.
   2. Erosion Control
      a. Provide statement to stabilize vegetation in 7 days of rough grading or inactivity.
      b. Show construction limits and provide silt fence along construction limits to prevent sedimentation of adjacent properties.
      c. Provide a note that any sediment tracked onto the street from construction activities will be removed on a daily basis.
      d. Provide a note that any sediment tracked onto the street from construction activities will be removed on a daily basis.

Motion to Approve with 2 Stipulations was moved by Hoffman and seconded by Westlund. The motion carried with four yeas (Hoffman, Kreun, Westlund and Wilder) and no nays.

DISCUSSION ITEMS
15. 2017 MAWD Resolution Process: The Board was encouraged to think about resolutions they would like to bring forward to the MAWD Annual Meeting Nov 30 – December 2. Wilder also noted that Ray Bohn will not be retiring as earlier announced.

The Board discussed the DNR response time should be discussed as a possible resolution item. The Board also discussed the MAWD dues increase as being a possible resolution item. Westlund suggested the Board discuss at a future meeting the pros and cons of
belonging to the organization. Kreun also said the Board would become informed about the roll MAWD plays, who are the players, what do they do for CCWD, what are they supposed to do for CCWD, and what have they done for CCWD.

Westlund suggested that the TAC and CAC also discuss the MAWD issues.

16. **Ditch 23 Inspection Report:** Frucci presented the ditch 23 inspection report. Maintenance needs were identified.

Motion to Receive the Report was moved by Westlund and seconded by Hoffman. The motion carried with four years (Hoffman, Kreun, Westlund and Wilder) and no nays.

**INFORMATIONAL ITEMS** - None

**ADJOURN**

The meeting adjourned at 6:30 PM on a motion by Hoffman, seconded by Wilder. Motion carried with four yeas (Hoffman, Kreun, Westlund and Wilder) and no nays.

_____________________________
Anthony Wilder, President