The Board of Managers of the Coon Creek Watershed District held their regular meeting on February 12, 2018 at the Bunker Hills Activities Center.

1. **Call to Order:** The meeting was called to order at 5:30 PM
Staff: Dawn Doering, Britta Dornfeld, Mario Frucci, Tim Kelly, Abbey Lee, Michelle Ulrich
Others: Jim Lindahl – ACD Supervisor; Grace Lukkason; Deb Chamberlin; Zack Webber- Loucks.

2. **Approval of the Agenda:** Westlund moved to remove Item 6 Receive Staff Report to a Policy Item for discussion and add Permit Items 15-23, 26, 27, 28 and 30 to the Consent Agenda.
Westlund moved to approve the Amended Agenda. Seconded by Kreun. Motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

3. **Announcements:** None

4. **Open Mike:** None

**CONSENT ITEMS**

5. **Approval of Minutes of January 8, 2018 Meeting**
6. **Receive Staff Report – moved to Policy Items**
7. **Advisory Committee Report – none**
8. **Receive Monthly Financial Statements**
9. **Approve Bills:** Claims totaling $401,604.28 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>A1Floor</td>
<td>$1,070.00</td>
</tr>
<tr>
<td>Almeida, Shelly</td>
<td>$727.20</td>
</tr>
<tr>
<td>Anoka County</td>
<td>96,804.68</td>
</tr>
<tr>
<td>Anoka County</td>
<td>200.00</td>
</tr>
<tr>
<td>Capstone Homes Inc</td>
<td>13,500.00</td>
</tr>
<tr>
<td>Classic Construction Inc</td>
<td>971.40</td>
</tr>
<tr>
<td>Connexus Energy</td>
<td>2,090.00</td>
</tr>
<tr>
<td>Dauphinais, Justine</td>
<td>27.03</td>
</tr>
<tr>
<td>GreatAmerica Financial Services Corp</td>
<td>298.00</td>
</tr>
<tr>
<td>Hakanson Anderson</td>
<td>522.25</td>
</tr>
<tr>
<td>HP INC</td>
<td>3,276.02</td>
</tr>
<tr>
<td>Jive Communications</td>
<td>400.45</td>
</tr>
<tr>
<td>KWC Investments III LLC</td>
<td>3,669.61</td>
</tr>
<tr>
<td>Lashinski, James</td>
<td>1,084.40</td>
</tr>
<tr>
<td>Lee, Abbey</td>
<td>84.48</td>
</tr>
<tr>
<td>Lennar Family of Builders</td>
<td>32,849.70</td>
</tr>
<tr>
<td>Luther North Country Ford</td>
<td>30,771.15</td>
</tr>
<tr>
<td>Lincoln</td>
<td>180.12</td>
</tr>
<tr>
<td>Martinkosky, Luke</td>
<td>300.00</td>
</tr>
<tr>
<td>Metro Sales</td>
<td>257.00</td>
</tr>
<tr>
<td>Mystical Enterprises Inc</td>
<td>2,800.05</td>
</tr>
<tr>
<td>Northland Excavating LLC</td>
<td>64,813.00</td>
</tr>
<tr>
<td>RESPEC</td>
<td>7,669.31</td>
</tr>
<tr>
<td>Ryan Companies US, Inc</td>
<td>57,000.00</td>
</tr>
</tbody>
</table>
10. Permit Items: Add 15-23, 26, 27, 28 and 30

15. 93rd & Pleasure Creek Sidewalk: The purpose of this project is the addition of 250 linear feet of 5-foot-wide sidewalk and fence installation along Coon Rapids Boulevard and 93rd Avenue 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 + (0.09 ac * $500/ac) = $2045.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control:</td>
<td>2. Update construction plans to stabilize vegetation in 7 days of</td>
</tr>
<tr>
<td>District requires all stabilization vegetation be</td>
<td>rough grading or inactivity.</td>
</tr>
<tr>
<td>within seven (7) days of rough grading or inactivity.</td>
<td></td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with the 2 Stipulations with the Permit Consent Items as follows:
1. Receipt of escrows, $2,045.00.
2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.

16. Bunker Hills Activity Center Deck and Patio: The purpose of this project is the addition of a new patio and deck located south of CSAH 116 and County Rd D at the building known as the Bunker Hills Activity Center at 550 Bunker Lake Blvd, Andover, 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 + (0.54 ac * $500/ac) = $2270.00</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>Soils &amp; Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.</td>
<td>3. Update construction plans with the following information: a. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.</td>
</tr>
</tbody>
</table>
Infiltration basins are not protected from erosion and sedimentation during construction. After initial grading the District requires that infiltration basins be completely surround by erosion control measures to prevent the basin from clogging. Silt fence does not prevent sediment capture for activities directly south of building. Overflow provided at infiltration basin is not protected from erosive velocities.

Maintenance: 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.

| Staff recommendation was to Approve with 4 Stipulations with the Permit Consent Items as follows: |
|---|---|
| 1. Receipt of escrows, $2,270.00. |
| 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. Update construction plans with the following information: |
|    a. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity. |
|    b. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging. |
|    c. Extend silt fence further north to capture all construction activities south of the building. |
|    d. Provide erosion protection at infiltration basin overflow. |
| 4. Provide an O&M Agreement that meets District requirements. |

17. **Burl Oaks Park:** The purpose of this project is to reclaim and re-pave 250 linear feet of 10’ wide bituminous trail located at the Evergreen Street entrance to Burl Oaks Park 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 + (0.09 ac * $500/ac) = $2045.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control: District</td>
<td>2. Update construction plans to</td>
</tr>
</tbody>
</table>
requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (X0.4 ac * $500/ac) = $2200.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.</td>
<td>2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations with the Permit Consent Items as follows:
1. Receipt of escrows, $2,045.00.
2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.

18. **Dogwood Sidewalk:** The purpose of this project is addition of 1,150 linear feet of 5 foot wide sidewalk along Dogwood St and 115th Avenue 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 + (0.0004 ac * $500/ac) = $2000.20</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 1 Stipulation with the Permit Consent Items as follows:
1. Receipt of escrows, $2,000.20.

19. **Loftus Deck:** The purpose of this project is to rebuild a deck 700 feet north of Kerry St and Lily St NW at the address known as 13233 Lily St 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 + (0.0004 ac * $500/ac) = $2000.20</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 1 Stipulation with the Permit Consent Items as follows:
1. Receipt of escrows, $2,000.20.

20. **N Coon Rapids Blvd Sidewalk:** The purpose of this project is addition of 2,190 linear feet of 5-foot-wide sidewalk & utility work located along Coon Rapids Boulevard 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 + (0.75 ac * $500/ac) = $2375.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.</td>
<td>2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations with the Permit Consent Items as follows:
1. Receipt of escrows, $2,375.00.
2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.

21. Prairie Oaks Trail Reclamation: The purpose of this project is to reclaim and re-pave 2,200 linear foot-10’ wide bituminous trail located in Prairie Oaks Park, east of Hanson Blvd between 131st and 128th Ave 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 + (0.76 ac * $500/ac) = $2380.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.</td>
<td>2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations with the Permit Consent Items as follows:
1. Receipt of escrows, $2,380.00.
2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.

22. Riverwind Park: The purpose of this project is a 3.1 acre park improvement located NE of Crocus St and Northdale Blvd NE 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 + (3.1 ac * $500/ac) = $3550.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity. Infiltration basins are not protected from erosion and sedimentation during construction. After initial grading the District requires that infiltration basins be completely surround by erosion control measures to prevent the basin from clogging.</td>
<td>2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity. 3. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 3 Stipulations with the Permit Consent Items as follows:
1. Receipt of escrows, $3,550.00.
2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.
3. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging.
23. **Springbrook Nature Center**: The purpose of this project is reconstruction of pond outlet to reduce flooding NW of Main St and 83rd Ave 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>
</table>
| **Stormwater & Hydraulics**: Additional details needed for construction activities. | 1. Provide sketch (hand drawn is acceptable) of project location and construction plans.  
   2. Provide as-built for updated outlet structure and channel. |

Staff recommendation was to Approve with 2 Stipulations with the Permit Consent Items as follows:
1. Provide a sketch (hand drawn is acceptable) of project location and construction plans.
2. Provide as-built for updated outlet structure and channel.

26. **Riverdale Station Apartments**: The purpose of this project is construction of 3 multifamily buildings on 8.9 acres located at Northdale Blvd NW and 123rd Ave 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><strong>Escrows</strong>: $2,000 + (9.5 ac * $500/ac) = $6,750.00</td>
<td>1. Receipt of escrows.</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>2. Provide an O&amp;M Agreement that meets District requirements.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations as follows:
1. Receipt of escrows, $6,750.00.
2. Provide an O&M Agreement that meets District requirements

27. **Shaw’s Glen**: The purpose of this project is the site preparation for 5 lots on 2.8 acres located southeast corner of Nightingale St NW and 157th Lane NW in Andover, 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 + (2.25 ac * $500/ac) = $3,125.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Maintenance</strong>: The Owner of the Stormwater Management features and treatment practices is unknown.</td>
<td>2. Provide O&amp;M agreement</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations as follows:
1. Receipt of escrows, $3,125.00.
2. Provide O&M agreement
28. **Springbrook Phase 2:** The purpose of this project is a single-family housing development of 29 lots located west of Harpers Street NE and north of 128th Ave 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><strong>Escrows:</strong> $2,000 + (3.5 ac * $500/ac) = $3,750.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Wetland:</strong> Wetland impacts proposed.</td>
<td>2. Provide proof of wetland credit purchase.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations as follows:
1. Receipt of escrows, $3,750.00.
2. Provide proof of wetland credit purchase.

30. **Whitetail Crossing 2nd Addition:** The purpose of this project is the development of 12 lots on 16 acres located northwest of Jackson St and 152nd Ave 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>Escrows:</strong> $2,000 + (9.8 ac * $500/ac) = $6,900.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Erosion and Sediment Control:</strong> Dewatering is required for project construction.</td>
<td>2. Provide dewatering permit approval from the DNR.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations as follows:
1. Receipt of escrows, $6,900.00
2. Provide dewatering permit approval from the DNR

Motion to Approve the Amended Consent Agenda was moved by Westlund and seconded by Kreun. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

**POLICY ITEMS**

6. **Receive Staff Report:** removed from Consent Agenda for discussion

Westlund asked for the status of the District Building. Westlund noted that last meeting he was aware of with the City of Coon Rapids was in the fall of 2017 and that meeting was working on the land lease, funding options, land preparation and applications to the City. Westlund asked Kelly for an update. Kelly stated the land lease cannot move forward until the financing of the building is determined. Westlund understood the financial obstacles of sanitary sewer, water main, additional parking, were still unknown. Since the District would not know what the final expenses would be, the financial needs of the project would still be an unknown until the City could determine what additional fees may be incurred by the District. Kreun asked if it is the city’s position that they will not talk about issues until we give them a fund source or they just want the funding worked into a final lease. Kelly indicated the latter. Kelly stated he had not talked to them about quantifying the issues but stated it is a range of costs when construction is begun. Kelly also noted that since the District cannot fulfill costs of the fundamental Plan A, understanding the total costs would exceed 3.1 million, further discussion with the City has been on hold, and Kelly stated his attention has been concentrated on the financial end.
Motion to Receive the Report was made by Kreun and seconded by Hoffman. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

11. **Authorize Staff to Represent District for Watershed Based Funding Work Group:** On January 4, the Board of Water and Soil Resources (BWSR) held meetings to discuss a pilot program given to them by the Legislature called Watershed Based Funding or Fund the Plan (Laws of Minnesota 2017, Chapter 91, Article 2, Section 7 (a). The gist of the pilot study is to replace the competitive grant process with a pre-allocation of dollars that, within the metro area would be done on a County Wide basis.

The District is eligible to receive these funds for implementation of the Total Maximum Daily Load (TMDL) and other water quality work identified within the District’s Comprehensive Plan.

A requirement of the pilot program is that there is collaboration between Watershed Management Organizations (WMOs) and Cities and that any projects or programs meet the eligibility criteria for the Clean Water Fund and that there be a county-wide collaborative meeting of eligible funding entities.

Motion to select Tim Kelly, District Administrator to represent the Coon Creek Watershed District on the Watershed Based Funding Work Group. In the absence of the Mr. Kelly, The Administrator may assign his duties and authorities on this matter to an alternate of his choosing (Justine Dauphinais) moved by Herbst and seconded by Hoffman. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

12. **Water Education Grant 17-01 Coon Creek Water Quality Testing Summary Presentation:** On 10/11/17 Grace Lukkason, a senior student, with guidance from Chris Hoppe, Science Teacher for North West Passage High School, applied for and received a $500 Water Education grant to cover the purchase of water testing equipment for testing Coon Creek with the goal to compare different creek sites throughout the watershed “to determine which is most polluted and from there I will gather students & staff to create awareness about pollution in the watershed.” The grant funded 1 LaMotte Limnology Outfit for $499.99.

A stipulation of the grant was the student report their findings to either the school community for the CCWD Board. Ms. Lukkason presented her findings to the Board.

13. **Water Quality Grant 18-01 Application – Sand Creek Elementary summer water education programming:** On January 17, 2018 Bonnie Paul, Adventures Plus Site Coordinator for Sand Creek Elementary School, applied for a $1000 Water Education grant to cover the hiring of Lawnchair Gardener Creative Service to provide 3 STEAM-based programs on water resources. Expected number of students is typically around 85.

Staff Recommendation is to Approve Water Education grant application for funding of $1000 to hire Lawnchair Gardener Creative Services to provide water education-specific programming for Sand Creek Elementary Adventures Plus attendees.

Motion to Approve Water Quality Grant 18-01 for $1000 to provide water education-specific programming for Sand Creek Elementary Adventures Plus was moved by Westlund and seconded
by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

14. **Water Quality Grant 18-02 Application – Morris Bye Elementary summer water education programming:** On January 23, 2018 Deb Chamberlin, Adventures Plus Site Coordinator for Morris Bye Elementary School, applied for a $1000 Water Education grant to cover the hiring of Lawnchair Gardener Creative Service to provide 3 STEAM-based programs on water resources. Expected number of students is typically 80-100.

Motion to Approve Water Quality Grant 18-02 was moved by Westlund and seconded by Hoffman. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

**PERMIT ITEMS FOR REVIEW**

24. **Cedar Point Apartments:** The purpose of this project is construction of two buildings totaling 77,000 square feet on 13 acre lot located SW of 117th Ave NE and Ulysses St 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 + (11.3 ac * $500/ac) = $7650.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Stormwater &amp; Hydraulics:</strong> Construction plans do not show HWLs or EOFs for basins.</td>
<td>2. Provide updated construction plans that show the following items:</td>
</tr>
<tr>
<td>Storm sewer outlet for 3P not shown on construction plans.</td>
<td>a. EOFs</td>
</tr>
<tr>
<td>Bottom contour of 891 not shown for 3P</td>
<td>b. HWLs</td>
</tr>
<tr>
<td>Infiltration (filtration) does not start at bottom of basins.</td>
<td>c. Storm sewer outlet for 3P</td>
</tr>
<tr>
<td>Starting elevation of 892 for N-West pond in model is unclear.</td>
<td>d. Bottom elevation for 3P</td>
</tr>
<tr>
<td>Outlet for N-East pond will be directed through curb cut, then into N-North basin prior to discharging to EOF.</td>
<td>3. Provide updated model that addresses:</td>
</tr>
<tr>
<td></td>
<td>a. Filtration that starts at draintile, not 0.00 feet and is directed to outlet, not discarded.</td>
</tr>
<tr>
<td></td>
<td>b. Remove starting elevation of N-West pond.</td>
</tr>
<tr>
<td></td>
<td>c. Outlet for N-East pond that represents the construction plans.</td>
</tr>
<tr>
<td><strong>Groundwater:</strong> Geotech Report indicates groundwater ranges from 886 to 891 on site. Three-foot separation from bottom of infiltration basin to groundwater is not provided.</td>
<td>4. Shallow groundwater indicates that basins will need to be designed for filtration, not infiltration.</td>
</tr>
<tr>
<td>LFEs shown have 2-foot separation from HWL but also need to provide 1-foot</td>
<td>5. Provide 1-foot separation from EOFs and LFEs.</td>
</tr>
</tbody>
</table>
### Soils & Erosion Control:
District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.

- Stabilization adequate to prevent erosion has not been provided at the outlets of all storm sewer pipes.
- Construction entrances not clearly labeled on erosion control plan.

Infiltration basins are not protected from erosion and sedimentation during construction. After initial grading the District requires that infiltration basins be completely surround by erosion control measures to prevent the basin from clogging.

### Water Quality:
All discharges into water quality basins are not pretreated.

- Unclear if EOFs design includes erosion control measures.

### Maintenance:
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.

- CD 41 (Sand Creek) requires a 200’ easement (100’ easement from centerline) downstream of Hwy 65.

### Floodplain:
Ditch HWL is not shown on construction plans.

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<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>6.</td>
<td>Updated Erosion Control Plan that addresses the following:</td>
</tr>
<tr>
<td></td>
<td>a. Note #4 on Erosion Control Sheet to stabilize vegetation within 7 days of rough grading or inactivity.</td>
</tr>
<tr>
<td></td>
<td>b. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging.</td>
</tr>
<tr>
<td></td>
<td>c. Provide stabilization at all outlets of storm sewer pipes.</td>
</tr>
<tr>
<td></td>
<td>d. Provide location of construction entrances on erosion control plan.</td>
</tr>
<tr>
<td>7.</td>
<td>Provide pretreatment at all entrances to water quality basins. Sumps and/or RainGuardians are two examples of pretreatment. A minimum of 4-foot depth is required to prevent resuspension.</td>
</tr>
<tr>
<td>8.</td>
<td>EOF design will need to include erosion control measures. Enkamat is one example.</td>
</tr>
<tr>
<td>9.</td>
<td>Provide an O&amp;M Agreement that meets District requirements.</td>
</tr>
<tr>
<td>10.</td>
<td>Provide total of 200’ easement (100’ from centerline) for CD 41. Easement should be shown on grading plan as well as plat.</td>
</tr>
<tr>
<td>11.</td>
<td>Ditch HWLs need to be provided on construction plans. The HWL for CD</td>
</tr>
</tbody>
</table>
There is floodplain located on the property as shown on the attached sheet.

41 (Sand Creek) is 892.8 and the HWL for private ditch (west of 3P) is 891.8.

12. Provide calculations for floodplain impacts and compensatory storage if required.

Staff recommendation was to Table with 12 Stipulations as follows:

1. Receipt of escrows, $7,650.00.
2. Provide updated construction plans that show the following items:
   a. EOFs
   b. HWLs
   c. Storm sewer outlet for 3P
   d. Bottom elevation for 3P
3. Provide updated model that addresses:
   a. Filtration that starts at drain tile, not 0.00 feet and is directed to outlet, not discarded.
   b. Remove starting elevation of N-West pond.
   c. Outlet for N-East pond that represents the construction plans.
4. Shallow groundwater indicates that basins will need to be designed for filtration, not infiltration.
5. Provide 1-foot separation from EOFs and LFEs.
6. Updated Erosion Control Plan that addresses the following:
   a. Note #4 on Erosion Control Sheet to stabilize vegetation within 7 days of rough grading or inactivity.
   b. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging.
   c. Provide stabilization at all outlets of storm sewer pipes.
   d. Provide location of construction entrances on erosion control plan.
7. Provide pretreatment at all entrances to water quality basins. Sumps and/or RainGuardians are two examples of pretreatment. A minimum of 4-foot depth is required to prevent resuspension.
8. EOF design will need to include erosion control measures. Enkamat is one example.
9. Provide an O&M Agreement that meets District requirements.
10. Provide total of 200’ easement (100’ from centerline) for CD 41. Easement should be shown on grading plan as well as plat.
11. Ditch HWLs need to be provided on construction plans. The HWL for CD 41 (Sand Creek) is 892.8 and the HWL for private ditch (west of 3P) is 891.8.
12. Provide calculations for floodplain impacts and compensatory storage if required.

Motion to Table with 12 Stipulations was moved by Hoffman and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

25. Crooked Lake Park: The purpose of this project is park improvements on 8.6 acres located at Crooked Lake Blvd and 131st Ave NW in Coon Rapids, Minnesota.

The staff report provided to the Board identified the following issues and concerns:
ISSUE NEED
---
**Escrows:** $2,000 + (8.61 ac * $500/ac) = $6305.00
1. Receipt of escrows.

**Soils & Erosion Control:** District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity. The drain tile discharging on the Crooked Lake slope should have erosion protection at the outfall.
2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.
3. Provide turf or erosion protection at the drain tile outlet on the Crooked Lake slope.
4. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging.

**Floodplain:** Shoreline alterations proposed as part of the project.
5. Provide documentation from the DNR that the shoreline alteration meets their requirements.

Staff recommendation was to Approve with 5 Stipulations as follows:
1. Receipt of escrows, $6,305.00
2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.
3. Provide erosion protection at the drain tile outlet on the Crooked Lake slope.
4. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging.
5. Provide documentation from the DNR that the shoreline alteration meets their requirements.

Motion to Approve with 5 Stipulations was moved by Westlund and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

**29. Taco Bell Blaine:** The purpose of this project is the construction of a 4,000 square foot building on 1.22 acres located SE of 117th Ave NE and Ulysses St NE in Blaine, Minnesota.

The staff report provided to the Board identified the following issues and concerns:
ISSUE | NEED
--- | ---
Escrows: $2,000 + (1.1 ac * $500/ac) = $2,550.00 | 1. Receipt of escrows.

**Soils & Erosion Control:** District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity. | 2. Update construction plans to stabilize vegetation within 7 days of rough grading or inactivity.

**Maintenance:** Inspection and potential maintenance of the regional basin is required. | 3. Provide proof from developer that inspection and maintenance will occur prior to project construction.

Westlund and Hoffman discussed the Operations and Maintenance responsibilities.

Staff recommendation was to Approve with 3 Stipulations as follows:
1. Receipt of escrows, $2,550.00.
2. Update construction plans to stabilize vegetation within 7 days of rough grading or inactivity.
3. Provide proof from developer that inspection and maintenance will occur prior to project construction.

Motion to Approve with 3 Stipulations was moved by Hoffman and seconded by Westlund. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

### 31. Winslow Cove

The purpose of this project is the development of 77 lots on 44 acres located at 150th Lane NW off Hanson Blvd NW in Andover, 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 + (44 ac * $500/ac) = $24,000.00</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

**Stormwater & Hydraulics:** Details provided on sheet 22 for Pond 100, 200 and 300 are generally inconsistent with information provided in HydroCAD and/or on the construction plans storm sewer sheet.

P400 is listed in both existing and proposed as having a 15” @ 892.5’ invert in HydroCAD but construction plans have an 18” @ 892.6.

RG500 has a starting elevation of 896.6 in the model but it should match the bottom elevation of 896.0

W400 under proposed conditions has EOF of 896.2 but does not include the existing FES of 896.6.

2. Updated HydroCAD/construction plans to provide consistent information with regards to the following items:
   a. Outlet details for Pond 100, 200 and 300.
   b. P400 outlet
   c. Starting elevation for RG500
   d. Existing outlet for W400
For W200 and W300, the proposed model has an infiltration rate of 0.8 in/hr and the existing model has 0.5 in/hr. The values need to be consistent and should be at a maximum of 0.5 in/hr.

<table>
<thead>
<tr>
<th>Groundwater: LFE should be set assuming no infiltration during spring runoff.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wildlife: The proposed project does include 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>

3. Proposed infiltration rate for W200 and W300 should match existing infiltration rate of 0.5 in/hr

4. Provide model that has starting elevation equal to outlet and does not include infiltration to set LFEs.

5. Provide DNR Takings Permit.

Staff recommendation was to Table with 5 Stipulations as follows:

1. Receipt of escrows, $24,000.00.
2. Updated HydroCAD/construction plans to provide consistent information with regards to the following items:
   a. Outlet details for Pond 100, 200 and 300.
   b. P400 outlet
   c. Starting elevation for RG500
   d. Existing outlet for W400
3. Proposed infiltration rate for W200 and W300 should match existing infiltration rate of 0.5 in/hr
4. Provide model that has starting elevation equal to outlet and does not include infiltration to set LFEs.
5. Provide Taking’s Permit from the MN Department of Natural Resources.

Motion to Table with 5 Stipulations was moved by Westlund and seconded by Wilder. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

**DISCUSSION ITEMS**

32. Ditch 59 Inspection Report: Staff member Mario Frucci presented the Ditch 59 inspection report. Ditch 59 (Deer Creek) is located in Blaine and Ham Lake. The open channel is 20.22 miles (106,762 feet). The drainage area is 10.3 square miles (6,586 acres). There are 23 public laterals of Ditch 59.

The following maintenance needs were identified:

<table>
<thead>
<tr>
<th>Need</th>
<th># of Sites</th>
<th>Immediate</th>
<th>Repair</th>
<th>Monitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forestry</td>
<td>126</td>
<td>$0</td>
<td>$6,000</td>
<td>$181,500</td>
</tr>
<tr>
<td>Excavation</td>
<td>2</td>
<td>$0</td>
<td>$0</td>
<td>$11,000</td>
</tr>
<tr>
<td>Stabilization</td>
<td>32</td>
<td>$0</td>
<td>$3,750</td>
<td>$296,650</td>
</tr>
<tr>
<td>Other*</td>
<td>19</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>179</td>
<td><strong>$0</strong></td>
<td><strong>$9,750</strong></td>
<td><strong>$489,150</strong></td>
</tr>
</tbody>
</table>
Motion to Receive the Report was moved by Westlund and seconded by Herbst. The motion carried with five years (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

33. Funding Office Building: This was last discussed at the October 9, 2017 Board Meeting with Kelly to work on the four items outlined in the staff report.

Kelly presented an analysis of options for financing a new CCWD building and the payment schedules.

Herbst asked how was the square footage of the building determined. Kelly stated a space study was done based on projections, needs, and space standards. Westlund noted space included to meet educational requirements that are coming in the future. Kelly noted the final result was approximately 10,000 square feet needed. Westlund stated the City of Coon Rapids was also looking for alternate meeting space so their needs were also factored in.

Hoffman asked how to project what space we will have in the future, 10-15 years. And if the building is utilized by another entity, City of Coon Rapids, it is a savings to the taxpayers.

Westlund commented that it has been 4-5 months since he had last heard anything from the City Coon Rapids. Not sure of their interest to continue. Westlund noted that until we have answers to the additional fees questions, it does not appear to be in the best interest of the District to pursue this site.

Kelly stated the only commitment of the district is the agreement with the City of Coon Rapids to work through the adequacy of this site. Ulrich confirmed that there is no written commitment for the site.

Kreun said it was eye opening to see the financing options. Shared his concern with lack of progress with the City regarding this site.

Hoffman noted that there is a lot of lure to site to the Coon Rapids site with the beauty of the site and it being on Coon Creek and the trail system.

Kreun noted that since there are two new members on the Board and another new board member to be appointed, should we do more due diligence about the District’s options with these changes.

Kreun noted there were significant outstanding issues the last time this was discussed with Coon Rapids. Kreun stated that those details involve significant variation, so an option could be the district determine what we can offer and propose it to the City of Coon Rapids as the maximum the District has to offer. Kelly noted additional fees may include SAC and WAC fees and asked the Board to consider if we can afford this building. Kelly added that he had met with county financial director, and there would be no assistance from the county to acquire financing, the County would assist by provided contacts but not making arrangements for any bonds.

Hoffman noted that the building was not accepted from the beginning by county. Hoffman noted the District representatives helped the county understand the needs of the district and there is a need to keep in close contact with all of the players in this project.
Kreun clarified the Board’s initial plan was to levy for three years to obtain the needed funds. Kreun, then noted that if the District chooses any other options, it will require a tax increase which is always a hard sell to the taxpayers.

Herbst commented on this being an opportunity to explore other options.

Wilder and Kreun stated we need to know the additional costs from Coon Rapids before we can make a decision about to continue with this site or not.

The Board agreed to give further thought and would also consider the financial options when the new budget process begins, having made the decision clear by that time.

34. Draft Asset Management Policy: This draft policy provides procedures and protocols supporting effective organizational asset management specifically focused on storm water management. This policy applies to all water and related resource management features within the boundaries of the Coon Creek Watershed District.

Motion to Present Draft Asset Management Policy to the Advisory Committees for Comment by Westlund and seconded by Kreun. The motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

35. MAWD Legislative Breakfast March 7 & 8: The Board was asked to consider attending the MAWD Legislative Reception, Breakfast and Day at the Capitol. Kreun stated he was interested but will confirm.

36. Annual Report: Coon Creek Watershed District-at-a-Glance: Kelly presented the first chapter of the annually required report of the activities of the District. The Board was asked to review and comment of this portion of the report.

INFORMATIONAL ITEMS
37. Climate Change in Minnesota: A summary of the projected changes in Minnesota climate was provided by the State Climatologist.

38. Watershed District Moving to Eco-Friendly Headquarters in Midway Area: Star Tribune article on Capitol Region Watershed District move into its new headquarters Fall of 2018.

39. How Not to End Up Like Cape Town: Two articles on the severe water restrictions that are expected to be put in place in the next few months due to the water level decline in the reservoirs. U. S. cities are looking at ways to recapture stormwater rather than letting it flow into the ocean.

40. Manager Position Posted: The seat currently held by Byron Westlund has been posted.

41. Minnesota Water Laws: A factsheet of Minnesota Water Laws as reference for the Board.

42. Waters of the U.S. (WOTUS) Challenges Sent To Federal District Court: The U.S. Supreme Court has ruled that challenges to the Waters of the United States (WOTUS) rule should be heard by federal district courts, rather than appellate courts.
43. **Clean Water Act Rules Delayed Until 2020:** The rule to further define which waterways are under federal regulation will not be implemented until 2020.

44. **LCCMR & EPA Grant Openings:** Will Require a Local Match

45. **TMDL’s In Court:** Court decision has dealt another blow to stormwater permitting.

**ADJOURN**
The meeting adjourned at 7:15 PM on a motion by Hoffman, seconded by Herbst. Motion carried with five yeas (Herbst, Hoffman, Kreun, Westlund and Wilder) and no nays.

_______________________________
Anthony Wilder, President