The Board of Managers of the Coon Creek Watershed District held their regular meeting on October 14, 2019 at the Coon Creek Watershed District Office.

1. **Call to Order:** The meeting was called to order at 5:30 PM by President Wilder. Present: Matt Herbst, Warren Hoffman, Michael Kreun, Dwight McCullough, Anthony Wilder. Staff: Matt Danzl, Corinne Elfelt, Jon Janke, Michelle Ulrich

2. **Approval of the Agenda:** Wilder made a motion to move Item 13 – Davenport Street Reinforcement to the Consent Agenda. Seconded by Herbst. Motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

   Wilder made a motion to add Item 24 -Review of Neighborhood Open House hosted by CAC, seconded by Hoffman. Motion carried with five yeas (Herbst, Kreun, McCullough and Wilder) and no nays.

   Wilder moved to approve the Amended Agenda. Seconded by Kreun. Motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

3. **Announcements:** None

4. **Open Mike:** No one present

**CONSENT ITEMS**

5. **Approval of Minutes of September 23, 2019**

6. **Staff Report**

7. **Advisory Committee Report**

8. **Financial Statements**

9. **Approve Bills:** Claims totaling $495,956.82 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>A1 Floor &amp; Carpet Care</td>
<td>2,167.08</td>
</tr>
<tr>
<td>AIS Consulting Services</td>
<td>2,425.00</td>
</tr>
<tr>
<td>Anoka Conservation District</td>
<td>2,150.00</td>
</tr>
<tr>
<td>Anoka Conservation District</td>
<td>500.00</td>
</tr>
<tr>
<td>Anoka County</td>
<td>8,623.41</td>
</tr>
<tr>
<td>Anoka County</td>
<td>74,924.65</td>
</tr>
<tr>
<td>Avail Academy</td>
<td>131.65</td>
</tr>
<tr>
<td>BL Holdings LLC</td>
<td>6,958.88</td>
</tr>
<tr>
<td>Braun Intertec</td>
<td>1,050.00</td>
</tr>
<tr>
<td>BWSR Academy</td>
<td>250.00</td>
</tr>
<tr>
<td>CenterPoint Energy</td>
<td>22.89</td>
</tr>
</tbody>
</table>
13. Davenport Street Reinforcement Permit Review: The purpose of this project is the installation of 638 feet of 3-inch diameter natural gas pipeline using directional bore construction method located along Davenport Street between 93rd Lane NE and 94th Ln 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 + (0.02 ac * $500/ac =</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>$2,008.00</td>
<td></td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 1 Stipulation as follows:

1. Receipt of escrows, $2,008.00.

Wilder moved to approve the Consent Items. Seconded by Hoffman. Motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.
POLICY ITEMS

10. Award Contract – Woodcrest Biochar and Iron Enhanced Filter Project: Janke reviewed the timeline of this project noting that in 2018, the District was awarded a Clean Water Fund Projects and Practices grant administered by the Minnesota Board of Water and Soil Resources in the amount of $376,093 for the Woodcrest Pond Biochar and Iron Enhanced Sand Filter project. Janke also reminded the Board of the July 22, 2019 Board meeting when the Board authorized staff to seek bids for the Woodcrest Creek Biochar-and Iron-Enhanced Sand Filter Project.

From August 23, 2019 through September 1, 2019 Janke arrange for an advertise for bids to be published in the District official newspapers and made available through QuestCDN and CCWD website. On October 4, 2019 Janke held a bid opening at the District office. Janke reports the results were as follows:

<table>
<thead>
<tr>
<th>Company</th>
<th>Base Bid</th>
<th>Rank</th>
<th>Alternate 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blackstone Contractors, LLC.</td>
<td>$788,145.00</td>
<td>11</td>
<td>$30,175.00</td>
</tr>
<tr>
<td>Dryden Excavating, Inc.</td>
<td>$609,725.11</td>
<td>10</td>
<td>$12,446.70</td>
</tr>
<tr>
<td>Frattalone Companies, Inc.</td>
<td>$606,009.95</td>
<td>9</td>
<td>$12,811.25</td>
</tr>
<tr>
<td>G.F. Jedlicki, Inc.</td>
<td>$461,211.50</td>
<td>5</td>
<td>$23,795.00</td>
</tr>
<tr>
<td>Meyer Contracting, Inc.</td>
<td>$512,824.86</td>
<td>6</td>
<td>$13,697.60</td>
</tr>
<tr>
<td>New Look Contracting, Inc.</td>
<td>$527,279.00</td>
<td>7</td>
<td>$12,620.00</td>
</tr>
<tr>
<td>Northland Excavating, LLC</td>
<td>$444,580.00</td>
<td>4</td>
<td>$19,800.00</td>
</tr>
<tr>
<td>Peterson Companies, Inc.</td>
<td>$426,300.00</td>
<td>1</td>
<td>$9,010.00</td>
</tr>
<tr>
<td>Rachel Contracting, Inc.</td>
<td>$582,738.00</td>
<td>8</td>
<td>$17,730.00</td>
</tr>
<tr>
<td>Sunram Construction, Inc.</td>
<td>$438,781.00</td>
<td>2</td>
<td>$14,925.00</td>
</tr>
<tr>
<td>Veit and Company, Inc.</td>
<td>$438,911.55</td>
<td>3</td>
<td>$23,050.00</td>
</tr>
</tbody>
</table>

Staff recommendation was to award the contract to Peterson Companies, Inc.

Motion to Award the Contract to Peterson Companies, Inc. was made by Hoffman and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

11. Request to Seek Quotes on Ditch 57 134th Bank Stabilization: Janke reviewed the staff report. Janke noted in 2014 Staff completed a routine inspection of Ditch 57 and severe erosion was identified along a shaded outside bend of Ditch 57 near the intersection of Crooked Lake Blvd and 134th Lane NW. Janke reminded the Board that on September 10, 2018 the Board approved the 2019 budget including $56,000 for the Ditch 57 134th Bank Stabilization project. Janke’s report noted the existing gradual erosion is contributing approximately 80 tons TSS/yr and 32 lbs TP/yr (NRCS estimation method).
Staff recommendation was to authorize staff to seek quotes from pre-qualified contractors to repair erosion on Ditch 57 at 134th Lane NW.

Motion Authorizing Staff to Seek Quotes on Ditch 57 134th Bank Stabilization was moved by Hoffman and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

12. 2018 Audit: Draft Responses to State Auditor: Janke reviewed the staff report noting effective December 31, 2018 the Government accounting Standards Board (GASB) issued statement No. 75, Accounting and Financial Reporting for Post-Employment Benefits Other Than Pensions, which modifies the standards for accounting and financial reporting for OPEB. Janke noted this will require the District to have an Actuary determine the District’s net OPEB liability and OPEB cost in accordance with the requirements of GASB 75.

Janke stated the audit report also indicated that beginning January 1, 2020, financial statements must reflect leased assets and liabilities of leased assets. Janke noted the District will begin gathering this information.

Staff recommendation was to discuss and adopt a response to the Auditor concerning Other Post-Employment Benefits (OPEB).

Staff recommended response: The Board acknowledges the auditor’s recommendation to determine the District net OPEB liability and annual OPEB cost in accordance with Government Accounting Standards Board cost in accordance with GASB 75.

Motion to Adopt the recommended response was moved by Wilder and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

PERMIT ITEMS
13. Davenport Street Reinforcement Permit Review – moved to Consent Agenda

14. ABC Mini Storage Permit Review: The purpose of this project is in the construction of two new mini storage buildings with corresponding utilities and pavement located at 13624 Hanson Boulevard 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 + (1.9 ac * $500/ac) = $2,950</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Local Planning &amp; Zoning: It is unknown if there are concerns from the city.</td>
<td>2. Confirm the city has received an application for review.</td>
</tr>
</tbody>
</table>
| Note: The proposed project discharges to city property. | Stormwater & Hydraulics: The 1-inch infiltration is not achieved.  
Note: The Infiltration Basin detail shows a 2-foot clay liner. A clay liner will prevent infiltration. |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| **Soils & Erosion Control:** Stabilizing vegetation is not proposed for disturbed areas within seven (7) days of rough grading.  
Soil stockpiles have not been proposed to be stabilized within seven (7) days of inactivity.  
All storm sewer inlets are not protected from sediment-laden water during construction.  
Silt fence is shown cutting through the infiltration basin. | 3. Remove 2-foot clay liner from Infiltration Basin detail.  
4. Erosion Control Items:  
a. Update Note 5 under “During Construction” section of SWPPP to stabilize disturbed areas with vegetation within 7 days of rough grading or inactivity.  
b. Update Note 3 under “During Construction” section of SWPPP to stabilize soil stockpiles within 7 days of inactivity.  
c. Show inlet protection for all inlets on Erosion Control Plan.  
d. Show silt fence around the perimeter of the infiltration basin on Erosion Control Plan. |
| Water Quality: It is unknown if the pretreatment sump and forebay are designed correctly. | 5. Pretreatment:  
a. Provide calculations demonstrating that the pretreatment sump and forebay achieve 80% TSS removal for the areas routed through the proposed storm sewer.  
b. Provide detail for forebay that meets MPCA guidance. |
| 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.  
Infiltration practices are being installed | 6. Provide an O&M Agreement and/or D&U easement that meets District requirements.  
7. Provide documentation that there are no encumbrances to install the infiltration basins within the existing utility easement. |
within a Northern States Power Company easement. It is unclear if the applicant is allowed to install infiltration practices within easement Northern States Power Company easement.

Staff recommendation was to Table with 7 Stipulations as follows:

1. Receipt of escrows, $2,950.00.
2. Confirm the city has received an application for review.
3. Remove 2-foot clay liner from Infiltration Basin detail.
4. Erosion Control Items:
   a. Update Note 5 under “During Construction” section of SWPPP to stabilize disturbed areas with vegetation within 7 days of rough grading or inactivity.
   b. Update Note 3 under “During Construction” section of SWPPP to stabilize soil stockpiles within 7 days of inactivity.
   c. Show inlet protection for all inlets on Erosion Control Plan.
   d. Show silt fence around the perimeter of the infiltration basin on Erosion Control Plan.
5. Pretreatment:
   a. Provide calculations demonstrating that the pretreatment sump and forebay achieve 80% TSS removal for the areas routed through the proposed storm sewer.
   b. Provide detail for forebay that meets MPCA guidance.
6. Provide an O&M Agreement and/or D&U easement that meets District requirements.
7. Provide documentation that there are no encumbrances to install the infiltration basins within the existing utility easement.

Motion to Table with 7 Stipulations was moved by Hoffman and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

15. Andover High School Additions Phase 1 & 2 Permit Review: The purpose of this project is the construction of additional buildings and parking located at 2115 Andover Boulevard NE 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 + (5.66 ac * $500/ac) = $4,830</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Stormwater &amp; Hydraulics: The 1-inch infiltration is achieved. The applicant is meeting the volume management</td>
<td>2. The applicant must provide a note on the construction plans that a post construction test on the</td>
</tr>
</tbody>
</table>
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.

7P infiltration system calculation used 0.8 in/hr as the infiltration rate. However, the HydroCAD model used 0.45 in/hr.

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

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

Staff recommendation was to Approve with 4 Stipulations as follows:
1. Receipt of escrows, $4,830.00.
2. The applicant must provide a note on the construction plans that a post construction test on the infiltration basin will be conducted 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. Verify the infiltration rate for underground infiltration system 7P. Modify HydroCAD model and infiltration system calculation.
4. Provide an O&M Agreement that meets District requirements.

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

16. Northtown Mall Permit Review: The purpose of this project is the redevelopment of existing mall site for the construction of new retail spaces and parking lot located at 398 Northtown Drive 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>Water Quality: SHSAM input files provided had one watershed file. However, two sumps were calculated.</td>
<td>1. Clarify watershed information used in SHSAM associated with each sump. 2. Specify a mixture of sand and MNDOT Grade 2 compost.</td>
</tr>
<tr>
<td>Biofiltration detail specifies MNDOT</td>
<td></td>
</tr>
</tbody>
</table>
Grade 2 compost with no sand for filter media.

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

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

Staff recommendation was to Approve with 3 Stipulations as follows:

1. Clarify watershed information used in SHSAM associated with each sump.
2. Specify a mixture of sand and MNDOT Grade 2 compost.
3. Provide an O&M Agreement that meets District requirements.

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

**17. CSAH 78 Hanson Blvd Northdale to Main Street Reconstruction Permit Review:** The purpose of this project is the reconstruction of CSAH 78 (Hanson Blvd) from Northdale Blvd to Main Street 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 + (11.46 ac * $500/ac) = $7,730</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Erosion &amp; Sediment Control:</strong> Adjacent wetlands and waterbodies not protected from construction activities.</td>
<td>2. Provide double row silt fence when construction is adjacent to wetlands and waterbodies.</td>
</tr>
<tr>
<td><strong>Stormwater &amp; Hydraulics:</strong> Sump installation is noted on Sump detail page but not shown on profile or noted in Schedule.</td>
<td>3. Update storm sewer profile and schedule to illustrate sump locations.</td>
</tr>
<tr>
<td>Infiltration is unlikely to be achieve due to high groundwater.</td>
<td>4. Basin should be redesigned to act as a filtration system or wet basin to meet District requirements to the maximum extent practicable.</td>
</tr>
<tr>
<td>Project has three discharge points. Volume management calculations are provided for entire project but it is unclear how each discharge point meets requirements.</td>
<td>5. Include statement and calculation for each drainage section that illustrates how District requirements are met.</td>
</tr>
</tbody>
</table>
**Water Quality:** All discharges into wetlands/water quality basins are not pretreated.

- Does not appear that calculation provided for sump is correct. Sediment load for approximately 9 acres is considerably lower than anticipated.

- Provide pretreatment prior to FES 5103.

- Provide calculations (SHSAM can be used) to indicate sumps are appropriately sized to meet district removal rates of 80% TSS for MnDOT particle size. A minimum of 4-foot depth is required to prevent resuspension.

**Wetlands:** Erosion control plan does not depict wetlands.

- Depict all delineated water resources on the Erosion Control Plan to ensure their protection.

**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. Documentation from the DNR (Correspondence # ERDB 20180262) indicates rare features may be adversely affected by the proposed project and provides recommendations.

- Provide wildlife friendly erosion control materials on plans.

- Provide note on plans that contractors must receive the DNR flyers/Fact Sheets regarding Banding’s Turtles.

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Staff recommendation was to Table with 10 Stipulations as follows:

1. Receipt of escrows, $7,730.00.
2. Provide double row silt fence when construction is adjacent to wetlands and waterbodies.
3. Update storm sewer profile and schedule to illustrate sump locations.
4. Basin should be redesigned to act as a filtration system or wet basin to meet District requirements to the maximum extent practicable.
5. Include statement and calculation for each drainage section that illustrates how District requirements are met.
6. Provide pretreatment prior to FES 5103.
7. Provide calculations (SHSAM can be used) to indicate sumps are appropriately sized to meet district removal rates of 80% TSS for MnDOT particle size. A minimum of 4-foot depth is required to prevent resuspension.
8. Depict all delineated water resources on the grading plan.
10. Provide note on plans that contractors must receive the DNR flyers/Fact Sheets regarding Banding’s Turtles.
Motion to Table with 10 Stipulations was moved by Herbst and seconded by Hoffman. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

18. City of Fridley Off-Site Storage Permit Review: The purpose of this project is to create an area for storage of miscellaneous construction materials and impound cars on 1.6 acres of a 9.59 acre parcel located at 8296 Hickory Street 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>Escrows: $2,000 + (1.6 ac * $500/ac) = $2,800</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>
| **Stormwater & Hydraulics:** Emergency overflow above pipe outlet does not have spot elevations or erosion protection. | 2. EOF:  
   a. Provide spot elevations to ensure overflow is graded for drainage to the east.  
   b. Provide erosion control at broad crested weir outlet for long term functionality.  
3. Provide details for basin with type of liner and excavation depths shown.  
4. Extend riprap from existing curb cut on the north to the NWL of 860.0 |
| Existing curb cut on the north side of parking lot does not extend to the NWL of the basin. | |
| **Maintenance:** A maintenance plan has not been provided. | 5. Provide a Maintenance Plan for the Stormwater Treatment Practices (STPs) |

Staff recommendation was to Approve with 5 Stipulations as follows:

1. Receipt of escrows, $2,800.00.
2. EOF:  
   a. Provide spot elevations to ensure overflow is graded for drainage to the east.  
   b. Provide erosion control at broad crested weir outlet for long term functionality.
3. Provide details for basin with type of liner and excavation depths shown.
4. Extend riprap from existing curb cut on the north to the NWL of 860.0
5. Provide a Maintenance Plan for the Stormwater Treatment Practices (STPs)

Motion to Approve with 5 Stipulations was moved by Hoffman and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.
DISCUSSION ITEMS
19. Report: Middle Sand Creek Corridor Restoration Public Meeting - Janke reported the Public Meeting held on September 24, 2019 was a success. He noted 200 invites were sent out with 20 residents attending, representing 15 households. Janke noted tree removal was one of the concerns voiced. He reported staff was able to help residents understand the benefits of removal of trees and how it will impact the creek.

The Board recommended to staff that the concerns voice by the residents be considered where feasible and proceed with constructing the project.

INFORMATIONAL ITEMS

Danzl also stated the State is hiring a staff person to facilitate the application to the Environmental Protection Agency to assume the administration of the Federal Clean Water Action Section 404 aquatic resource regulatory program.

21. Nine Mile Creek Watershed District - National Award in Innovative Park Design: Janke informed the Board that this project was an example of successful collaboration between 7 cities and multiple agencies.

22. Rice Creek Watershed District is considering an internal hire as a new District Administrator.

23. Article – Chisago County Press: Ditch process near public hearing point
Janke reviewed the article highlighting that the ditches are not in the same locations as they were mapped in the 1930’s, ditches move so those who benefit changes.

24. Neighborhood Open House Hosted by CAC: The Open House was a success with approximately 20 neighbors attending.

ADDITIONAL COMMENT BY HOFFMAN: Hoffman stated is was good to see Permit Reviews being approved rather than tabled, whenever possible.

ADJOURN
The meeting adjourned at 6:02 PM on a motion by Hoffman, seconded by McCullough. Motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

_____________________________
Anthony Wilder, President