AGENDA

COON CREEK WATERSHED DISTRICT
BOARD OF MANAGERS

July 8, 2019
5:30 PM

1. Call to Order
2. Approval of the Agenda
3. Announcements
4. Open Mike

CONSENT ITEMS
5. Approval of Minutes
6. Receive Staff Report
7. Advisory Committee Report
8. Receive Monthly Financial Statements
9. Approve Bills

POLICY ITEMS
10. District Change of Principal Place of Business

PERMIT ITEMS
11. Blaine High School Tennis Courts/Parking
12. Hark Floodplain
13. Hidden Forest East 2nd Addition
14. Imagine Building
15. Northtown Mall
16. NSC Seasonal Sports Dome
17. Roosevelt Middle School Turn Lane Construction
18. Voss/Newman
19. 155th Ave Reconstruction

DISCUSSION ITEMS
20. Preliminary Rough Draft 2020 Budget
21. MAWD Request for Resolutions

INFORMATIONAL ITEMS
22. Update on Office Building (ABM)

ADJOURN
COON CREEK WATERSHED DISTRICT
BOARD OF MANAGERS' MEETING
June 24, 2019

The Board of Managers of the Coon Creek Watershed District held their regular meeting on June 24, 2019 at the Coon Creek Watershed District Office.

1. Call to Order: The meeting was called to order at 5:30 PM
Staff: Matt Danzl, Corinne Elfelt, Tim Kelly, Michelle Ulrich
Others: Mitch Fanning & David Bade – Westwood for Spire Credit Union and Pat McCann – Spire Credit Union

2. Approval of the Agenda: Wilder made a motion to move Items #8 B&T Acres Permit Review, #9 Catchers Creek West Permit Review, #10 Lindsay Property Permit Review, #11 Springbrook Nature Center Pavilion, #12 Spire Credit Union, #16 Clover Leaf Parkway Area Street Reconstruction and #17 Jefferson Street Reconstruction to the Consent Agenda. Seconded by Hoffman. Motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays
Kreun moved to Approve the Amended Agenda. Seconded by Herbst. Motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

3. Announcements: none

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

CONSENT ITEMS
5. a. Approval of Minutes of June 10, 2019
   b. Approval of June 17, 2019 Board Tour Minutes

8. B & T Acres Permit Review: The purpose of this project is the construction of 1 additional 6000 square foot single-family home on a 15 acre lot located at 2332 153rd Avenue 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 + (0.14 ac * $500/acs = $2,070.00)</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 1 Stipulation as follows:
1. Receipt of escrows, $2,070.00.
9. **Catchers Creek West Permit Review:** The purpose of this project is the development of 9 single family home lots on 5 acres located at 1049 Andover Blvd NE in Andover, Minnesota.

The staff report provided to the Board identified no issues or concerns.

Staff recommendation was to Approve with 0 Stipulations.

10. **Lindsay Property Permit Review:** The purpose of this project is the construction of a 2,880 square foot accessory building on a 7 acre lot located at 3411 133rd Lane 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 + (0.1 ac * $500/ac = $2,050</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 1 Stipulation as follows:

1. Receipt of escrows, $2,050.00.

11. **Springbrook Nature Center Pavilion Permit Review:** The purpose of this project is the grading and replacement of existing picnic shelter and bituminous trail paving (0.24 acre project on 121.3 acre lot) located at 100 85th Avenue NW 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 + (0.24 ac * $500/ac = $2,120</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control: Soil stockpiles need to be stabilized within 7 days of inactivity.</td>
<td>2. Provide a note to stabilize soil stockpiles within 7 days of inactivity.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations as follows:

1. Receipt of escrows, $2,120.00.
2. Provide a note to stabilize soil stockpiles within 7 days of inactivity.

12. **Spire Credit Union Permit Review:** The purpose of this project is the construction of a 5,000 square foot building and parking lot on 2.1-acre lot located at Northtown Mall Site in Blaine, Minnesota.

The staff report provided to the Board identified the following issues and concerns:
### Clover Leaf Parkway Area Street Reconstruction Permit Review:

The purpose of this project is the reconstruction of the existing Clover Leaf Parkway and 93rd Lane NE corridors on Clover Leaf Parkway from Polk St NE to Hwy 65 and 93rd Lane NE from Hwy 65 to Goodhue 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 + (4.5 ac * $500/ac = $4,250)</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Water Quality: SHSAM output report is not provided.</td>
<td>2. Provide SHSAM output report.</td>
</tr>
</tbody>
</table>

Staff recommendation was to Approve with 2 Stipulations as follows:

1. Receipt of escrows, $4,250.00.
2. Provide SHSAM output report.

### Jefferson Street Reconstruction Permit Review:

The purpose of this project is the reconstruction of Jefferson Street including replacement of curb and gutter, new storm sewer, water main, traffic control signage, culvert replacement and asphalt surface replacement of Jefferson Street from 119th Avenue to 104th Court and 104th Court Cul-de-sac 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>
</table>
| Soils & Erosion Control: County Ditch (CD) 39 is not protected from sediment deposition. | 1. Update Erosion Control Plan with the following:  
   a. Show double row perimeter control adjacent to CD 39 on the upstream and downstream banks.  
   b. Provide for provisions to remove |
| Construction activities will take place within County Ditch 41. | 2. Provide for provisions to remove |
Stream diversions are anticipated as part of this project. Pumps or adequate diversions will be required to ensure unimpeded flow of County Ditch 39 and 41 during the work.

**Water Quality:** Discharge into CD 41 is pretreated by a 3-foot-deep sediment sump manhole. This sump manhole is not designed correctly for water quality treatment.

3. Provide calculations (SHSAM can be used) to indicate sumps are appropriately sized to meet District removal rates of 80% TSS for OK110 particle size. A minimum of 4-foot depth is required to prevent resuspension.

Staff recommendation was to Approve with 3 Stipulations as follows:

1. Update Erosion Control Plan with the following:
   a. Show double row perimeter control adjacent to CD 39 on the upstream and downstream banks.
   b. Provide for provisions to remove any accumulated sediment in CD 41 prior to removing floatation silt curtain.
2. Provide Temporary stream diversion plan.
3. Provide calculations (SHSAM can be used) to indicate sumps are appropriately sized to meet District removal rates of 80% TSS for OK110 particle size. A minimum of 4-foot depth is required to prevent resuspension.

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

**POLICY ITEMS**

6. **Public Meeting on Stormwater Pollution Prevention Plan**
A presentation was available highlighting the following items:

   1. Background – MS4 Designation
   2. Resource Condition
   3. Program Activities (Minimum Control Measures)
      a. Public Education and Outreach
      b. Public Participation/Involvement
      c. Illicit Discharge Detection and Elimination
      d. Construction Site Runoff Control
      e. Post-Construction Runoff Control
      f. Pollution Prevention/Good Housekeeping
Motion to open the Public Hearing at 5:34 p.m. made by Kreun, seconded by McCullough. Motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

Wilder asked for comments three times.

Hearing none, motion to close the Public Hearing was made at 5:34 p.m. by Kreun and seconded by Hoffman. Motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

7. Budget – Manager Per Diem: Kelly reviewed the reason for this discussion. At the May 28, 2018 meeting, the Board asked that manager compensation be considered as a separate item due to the legislative change to maximum compensation.

The Board discussed reasons that they might consider raising their per diem. The Board agreed they would rather not increase their per diem and that no action on this matter was needed. Kelly informed the Board they could let him know individually if they would like to not receive the per diem.

PERMIT ITEMS

13. AutoZone Store #3949 Permit Review: The purpose of this project is the construction of a new 7,150 square foot building and parking lot on a 1.13 acre lot located at 15633 Highway 65 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 + (0.9 ac * $500/ac = $2,450)</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Stormwater &amp; Hydraulics:</td>
<td>2. Note was provided on the construction plans that a post construction test on the infiltration basin will be conducted. Add detail to the note to that infiltration test 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.</td>
</tr>
<tr>
<td>Drainage area maps are not provided with the submittal.</td>
<td></td>
</tr>
<tr>
<td>Atlas 14 precipitation was used for the HydroCAD model. However, the</td>
<td>3. Provide maps showing the delineated existing and proposed drainage areas as</td>
</tr>
</tbody>
</table>
precipitation was not MSE Type III distribution. In the HydroCAD model, outlet to the north infiltration swale has an elevation of 901.7, but this is 901.58 in the plan. Update model and volume calculation to match the plan.

Existing and proposed conditions model both use HSG B soil for pervious areas.

<table>
<thead>
<tr>
<th>Soils &amp; Erosion Control:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>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>Sediment tracked onto paved surfaces shall be removed before the end of day.</td>
</tr>
<tr>
<td>Stockpiles were not proposed to be surrounded by erosion control measures.</td>
<td>After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging.</td>
</tr>
<tr>
<td>Seeding mixes and seeding rates were not specified in the plan.</td>
<td>7. Update erosion control notes to remove tracked sediment before the end of day.</td>
</tr>
<tr>
<td>The plan included details of riprap. However, sizing detail was not included.</td>
<td>8. Update erosion control notes to provide adequate erosion control measures around stockpiles.</td>
</tr>
<tr>
<td>Maintenance: It is unknown who will be responsible for the inspection and maintenance of stormwater facilities. A maintenance agreement has not been</td>
<td>9. Provide details of seeding mixes and seeding rate.</td>
</tr>
<tr>
<td>reflected in the models.</td>
<td>10. Provide details of riprap sizing and quantity.</td>
</tr>
<tr>
<td>4. Update HydroCAD model to use MSE 3 rainfall distribution. Update north infiltration swale outlet elevation in the model to match the plan and provide updated volume calculation.</td>
<td>11. Provide an O&amp;M Agreement that meets District requirements.</td>
</tr>
<tr>
<td>5. Adjust the soil type down one HSG (B to C) for proposed conditions to reflect compaction by construction equipment or add notes to loosen/scarify the upper 1 foot of soil after grading and prior to seeding.</td>
<td></td>
</tr>
</tbody>
</table>
executed. The applicant has not submitted a Maintenance Plan for each Stormwater Treatment Practice.

Staff recommendation was to Table with 11 Stipulations as follows:

1. Receipt of escrows, $2,450.00.
2. Note was provided on the construction plans that a post construction test on the infiltration basin will be conducted. Add detail to the note to that infiltration test 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. Provide maps showing the delineated existing and proposed drainage areas as reflected in the models.
4. Update HydroCAD model to use MSE 3 rainfall distribution. Update north infiltration swale outlet elevation in the model to match the plan and provide updated volume calculation.
5. Adjust the soil type down one HSG (B to C) for proposed conditions to reflect compaction by construction equipment or add notes to loosen/scarify the upper 1 foot of soil after grading and prior to seeding.
6. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging.
7. Update erosion control notes to remove tracked sediment before the end of day.
8. Update erosion control notes to provide adequate erosion control measures around stockpiles.
9. Provide details of seeding mixes and seeding rate.
10. Provide details of riprap sizing.
11. Provide an O&M Agreement that meets District requirements.

Motion to Table with 11 Stipulations was moved by Hoffman and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

14. Roosevelt Middle School Turn Lane Construction Permit Review: The purpose of this project is the construction of a new bus lane and reconfiguration of existing bus corral consisting of 34,848 square fee of a 37.72 acre lot located at 650 125th 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 + (0.80 ac * $500/ac) = $2,400.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Groundwater:</strong> New impervious surfaces</td>
<td>2. Demonstrate that at a minimum,</td>
</tr>
</tbody>
</table>
are proposed.

<table>
<thead>
<tr>
<th>Local Planning &amp; Zoning: Anoka County Highway Department requires plan revisions.</th>
<th>recharge from impervious surfaces will be infiltrated.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Provide updated plans addressing ACHD issues.</td>
<td>4. Update construction plans to include:</td>
</tr>
<tr>
<td>It is unclear whether soil stockpiles are proposed.</td>
<td>a. Stabilize vegetation within 7 days of rough grading or inactivity.</td>
</tr>
<tr>
<td>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>b. Denote whether soil stockpiles are proposed. If yes, soil stockpiles need to be fitted with sediment trapping measures to prevent soil loss and need a note to be stabilized within 7 days of inactivity.</td>
</tr>
<tr>
<td>Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have not been provided.</td>
<td>c. After initial grading completely surround the proposed infiltration basins/storm sewer inlets with erosion control measures to prevent the basin from clogging.</td>
</tr>
<tr>
<td>Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.</td>
<td>d. Provide construction schedules detailing when sediment trapping measures will occur and general timing of construction phases.</td>
</tr>
<tr>
<td>Provisions have not been made for cleaning road surfaces where sediment is transported by the end of the day.</td>
<td>e. Provide provisions to minimize transport of sediment by runoff or vehicle tracking.</td>
</tr>
<tr>
<td>f. Provide provisions for cleaning road surfaces.</td>
<td></td>
</tr>
</tbody>
</table>

Staff recommendation was to Table with 4 Stipulations as follows:
1. Receipt of escrows, $2,400.00.
2. Demonstrate that at a minimum, recharge from impervious surfaces will be infiltrated.
3. Provide updated plans addressing ACHD issues.
4. Update construction plans to include:
   a. A not to stabilize vegetation within 7 days of rough grading or inactivity.
b. Denote whether soil stockpiles are proposed. If yes, soil stockpiles need to be fitted with sediment-trapping measures to prevent soil-loss and need a note to be stabilized within 7 days of inactivity.

c. After initial grading completely surround the proposed infiltration basins and storm sewer inlets with erosion control measures to prevent the basin from clogging.

d. Provide construction schedules detailing when sediment trapping measures will occur and general timing of construction phases.

e. Provide provisions to minimize transport of sediment by runoff or vehicle tracking.

f. Provide provisions for cleaning road surfaces.

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

15. Catchers Creek of Ham Lake Permit Review: The purpose of this project is the development of 4 single family lots on 5 acres located at 40 Andover Blvd (east of University Ave) 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 + (1.8 ac * $500/ac) = $2,900.00</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

- **Stormwater & Hydraulics:** Basin E’s HWL does not appear to be contained within property limits.

  Invert of Basin E’s outlet is proposed at the bottom the basin. Stormwater Narrative says Basin E is a “low area that infiltrates”

  2. Provide written permission from adjacent property owner at 140 Andover Blvd that HWL of Basin E is acceptable on within property limits.

  3. Clarify how Basin E will provide infiltration as indicated in the Stormwater Narrative with invert at same elevation of basin bottom.

Staff recommendation was to Approve with 3 Stipulations as follows:

1. Receipt of escrows, $2,900.00.
2. Provide written permission from adjacent property owner at 140 Andover Blvd that HWL of Basin E is acceptable on within property limits.
3. Clarify how basin will provide infiltration as indicated in the Stormwater Narrative with invert at same elevation of basin bottom.
Motion to Approve with 3 Stipulations was moved by Wilder and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

16. Clover Leaf Parkway Area Street Reconstruction Permit Review moved to Consent Agenda by Board action.

17. Jefferson Street Reconstruction Permit Review moved to Consent Agenda by Board action.

18. Blaine High School Tennis Courts and Parking Permit Review: The purpose of this project is the reconstruction of tennis courts and construction of a new parking area, disturbing 4.78 acres and adding 3.883 acres of impervious area located at 12555 University 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>Escrows: $2,000 + (4.78 ac * $500/ac = $4,390</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Floodplain: Campus trail is located within the floodplain. It is unknown if there are floodplain impacts.</td>
<td>2. Provide grading details for campus trail. If grading or fill is proposed for campus trail provide compensatory storage and cut and fill volumes.</td>
</tr>
<tr>
<td>Stormwater &amp; Hydraulics: Bottom elevation on east portion of Infiltration 3A does not match model.</td>
<td>3. Correct plans for infiltration 3A to bottom elevation 899.</td>
</tr>
<tr>
<td></td>
<td>4. Provide additional volume where required. If applicants cannot meet the volume management requirement due to site constraints in its entirety, they must meet it to the greatest extent practical and explain why it cannot be met.</td>
</tr>
<tr>
<td></td>
<td>5. Provide a rate table that includes all discharge points from the site. Ensure rate control is met at all discharge points.</td>
</tr>
<tr>
<td>Water Quality: Pretreatment is not provided for stormwater discharging into infiltration basin 3A.</td>
<td>6. Provide pretreatment of stormwater prior to discharging</td>
</tr>
</tbody>
</table>
Soils & Erosion Control: Outfall stabilization mat detail shows extend minimum 4 feet from curb.

No perimeter control provided for trail construction.

<table>
<thead>
<tr>
<th>Staff recommendation was to Table with 9 Stipulations as follows:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Receipt of escrows, $4,390.00.</td>
</tr>
<tr>
<td>2. Provide grading details for campus trail. If grading or fill is proposed for campus trail provide compensatory storage and cut and fill volumes.</td>
</tr>
<tr>
<td>3. Correct plans for infiltration 3A to bottom elevation 899.</td>
</tr>
<tr>
<td>4. If applicants cannot meet the volume management requirement due to site constraints in its entirety, they must meet it to the greatest extent practical and explain why it cannot be met.</td>
</tr>
<tr>
<td>5. Provide a rate table that includes all discharge points from the site. Ensure rate control is met at all discharge points.</td>
</tr>
<tr>
<td>6. Provide pretreatment of stormwater prior to discharging into infiltration basin 3A.</td>
</tr>
<tr>
<td>7. Change detail 9 on C2.2 to specify stabilization mat length per plan.</td>
</tr>
<tr>
<td>8. Update the Erosion Control Plan to include perimeter control on the down-gradient side of the proposed campus trail.</td>
</tr>
<tr>
<td>9. Provide an O&amp;M Agreement that meets District requirements at completion of final phase.</td>
</tr>
</tbody>
</table>

Motion to Table with 9 Stipulations was moved by Hoffman and seconded by Herbst. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

19. North Central Office Plaza Permit Review: The purpose of this project is the construction of a 45,090 square foot building and parking on a 1.85-acre lot located on Ulysses Street north of 117th Avenue and west of 118th 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 + (1.25 ac * $500/ac = $2,625.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Stormwater &amp; Hydraulics:</td>
<td>2. Provide alternate plan to route water to proposed filtration area with pretreated water. Suggest using Anoka Conservation District Rain Guardian or similar.</td>
</tr>
<tr>
<td>It is our belief that the current design will bypass too much flow to the stormwater pond, underutilizing the filter area. Suggest hard capping existing catch basins and using Anoka Conservation District Rain Guardians (or similar) as pretreatment device.</td>
<td>3. Provide more detailed calculations that illustrate 1.1-inch infiltration volume requirement is meet below the outlet. Suggest using HydroCAD.</td>
</tr>
<tr>
<td>Calculations provided simply state how much storage the basin is providing versus how much volume is produced on impervious surfaces during a 1.1-inch storm. Several impervious areas will currently bypass the filter including the roof, which goes into the drain tile system and the northeastern corner of the parking area, which gets into the storm system. The watershed District requires an accurate accounting of the amount of water over impervious surface is getting treated and will require more detail in the calculation so we can see more clearly what is being treated and what is bypassing.</td>
<td>4. Provide additional details for filtration basin construction including elevations and drain tile connection into storm structures.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control:</td>
<td>5. After initial grading completely surround the proposed filtration basins with erosion control measures to prevent the basin from clogging.</td>
</tr>
<tr>
<td>Filtration 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>6. Provide statement whether</td>
</tr>
</tbody>
</table>
It is unclear if dewatering is needed during the construction of the proposed project.

The current proposed detail (detail 4) shows the filtration area cross section that includes 4” of 80/20% sand to compost mix, 14” of iron enhanced sand, and drain tile with sock embedded in the sand. It is our recommendation:

- That a sand compost mix is not used on top of iron sand. If it is used, 90/10 would be the very upper end to prevent clogging.
- No geotextile fabric between media
- That the drain tile is embedded in a section of filter rock with out the sock

<table>
<thead>
<tr>
<th>Water Quality:</th>
<th>8. Provide revised pretreatment system that will not bypass flow to the pond. Suggest removing the catch basins in line with curb openings and installing Anoka Conservation District Rain Guardian or similar.</th>
</tr>
</thead>
</table>

Water Quality: Pretreatment proposed will bypass too much of the water to the pond. Suggest removing the catch basins in line with curb openings and installing Anoka Conservation District Rain Guardian or similar.

<table>
<thead>
<tr>
<th>Maintenance:</th>
<th>9. Provide an O&amp;M Agreement that meets District requirements.</th>
</tr>
</thead>
</table>

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.

| | 7. Provide revised details for the filter area cross section. |
| | | |

Staff recommendation was to Table with 9 Stipulations as follows:

1. Receipt of escrows, $2,625.00.
2. Provide alternate plan to route water to proposed filtration area with pretreated water. Suggest using Anoka Conservation District Rain Guardian or similar.
3. Provide more detailed calculations that illustrate 1-inch infiltration volume requirement is meet below the outlet. Suggest using HydroCAD
4. Provide additional details for filtration basin construction including elevations and drain tile connection into storm structures.
5. After initial grading completely surround the proposed filtration basins with erosion control measures to prevent the basin from clogging.
6. 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.
7. Provide revised details for the filter area cross section.
8. Provide revised pretreatment system that will not bypass flow to the pond.
   Suggest removing the catch basins in line with curb openings and installing Anoka Conservation District Rain Guardian or similar.
9. Provide an O&M Agreement that meets District requirements.

Motion to Table with 9 Stipulations was moved by Hoffman and seconded by Wilder. The motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

DISCUSSION ITEMS

20. Building Update: Kelly informed the Board that installation of the folding wall in the conference room will likely be delayed to August due to the unavailability of engineer. Kelly noted it will not interrupt the District’s use of the room.

Kelly notified the Board of the required construction of an ADA compliant front desk, as outlined by the City of Ham Lake during their plan review. Staff recommendation was to approve Furnishings Change Order #1 for the construction and installation of the ADA compliant front desk with a permit review counter totaling $6,449.30.

Motion to Approve Furnishings Change Order #1 was moved by Wilder and seconded by McCullough. The motion carried with five years (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

21. District Tour Wrap Up: Kelly noted the tour included fewer sites but more time at each site, off the bus. Kelly asked the Board for comments. Kreun offered up that people were impressed with the Sand Creek Project and the District Office. Wilder stated the participants were very engaged.

INFORMATIONAL ITEMS

ADJOURN

The meeting adjourned at 5:57 PM on a motion by Wilder, seconded by Hoffman. Motion carried with five yeas (Herbst, Hoffman, Kreun, McCullough and Wilder) and no nays.

_____________________________
Anthony Wilder, President
The wet spring of 2019 has finally come to an end. Precipitation during the month of June was well below normal, averaging **2.0 inches** across the District. Average monthly precipitation for June is 4.4 inches. The month of June has given the system a much-needed break from the relentless rains of April and May. According to the Minnesota Department of Natural Resources Weekly Stream Flow Report from 6/24/2019, flows have returned to normal, between the monthly Q25 and monthly Q75 exceedance levels.
### UPCOMING EVENTS

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8</td>
<td>5:30 PM</td>
<td>Board Meeting</td>
<td>BHAC</td>
</tr>
<tr>
<td>7/10</td>
<td>4:45 PM</td>
<td>CAC Meeting</td>
<td>CCWD Office</td>
</tr>
<tr>
<td>7/13</td>
<td>9:00 AM</td>
<td>Andover Fun Fest</td>
<td>Andover</td>
</tr>
<tr>
<td>7/16</td>
<td>2:00 PM</td>
<td>Andover Farmers Market</td>
<td>Andover</td>
</tr>
<tr>
<td>7/17</td>
<td>2:00 PM</td>
<td>Coon Rapids Farmers Market</td>
<td>Coon Rapids</td>
</tr>
<tr>
<td>7/20</td>
<td>10 AM</td>
<td>Andover Pollinators Garden Tour</td>
<td>Andover</td>
</tr>
<tr>
<td>7/21</td>
<td>5:30 PM</td>
<td>Summer Solstice</td>
<td></td>
</tr>
<tr>
<td>7/22</td>
<td>6:30 PM</td>
<td>Summer in the City - Crooked Lake Park</td>
<td>Coon Rapids</td>
</tr>
<tr>
<td>7/23</td>
<td>5:30 PM</td>
<td>Rain Garden Maintenance Workshop</td>
<td>Blaine</td>
</tr>
<tr>
<td>7/24</td>
<td>2:30 PM</td>
<td>Ham Lake Farmers Market</td>
<td>Ham Lake</td>
</tr>
<tr>
<td>7/25</td>
<td>1:30 PM</td>
<td>Grace Lutheran Clean up at NSC</td>
<td>Blaine</td>
</tr>
<tr>
<td>7/27</td>
<td>6:30 AM</td>
<td>Blaine Farmers Market</td>
<td>St. Timothy Church, Blaine</td>
</tr>
<tr>
<td>7/30</td>
<td>6:30 PM</td>
<td>Summer in the City - Moore Park</td>
<td>Coon Rapids</td>
</tr>
<tr>
<td>7/31</td>
<td>2:30 PM</td>
<td>Ham Lake Farmers Market</td>
<td>Ham Lake</td>
</tr>
<tr>
<td>8/5</td>
<td>4:30 PM</td>
<td>Rain Garden Maintenance Workshop</td>
<td>Fridley</td>
</tr>
<tr>
<td>8/7</td>
<td>2:00 PM</td>
<td>Coon Rapids Farmers Market</td>
<td>Coon Rapids</td>
</tr>
<tr>
<td>8/10</td>
<td>8:30 AM</td>
<td>Staff Meeting</td>
<td>CCWD Office</td>
</tr>
<tr>
<td>8/12</td>
<td>7:30 AM</td>
<td>Blaine Farmers Market</td>
<td>St. Timothy Church, Blaine</td>
</tr>
<tr>
<td>8/14</td>
<td>5:30 PM</td>
<td>Board Meeting</td>
<td>CCWD Office</td>
</tr>
<tr>
<td>8/20</td>
<td>1:30 PM</td>
<td>Andover Farmers Market</td>
<td>Andover</td>
</tr>
<tr>
<td>8/21</td>
<td>3:00 PM</td>
<td>Ham Lake Farmers Market</td>
<td>Mickman's - Ham Lake</td>
</tr>
<tr>
<td>8/26</td>
<td>5:30 PM</td>
<td>Board Meeting</td>
<td>CCWD Office</td>
</tr>
<tr>
<td>8/30</td>
<td>9:00 AM</td>
<td>Water Day Outreach</td>
<td>MN State Fair - DNR pond</td>
</tr>
</tbody>
</table>

### BOARD OF MANAGERS

<table>
<thead>
<tr>
<th>Agenda Items</th>
<th>YTD 18</th>
<th>YTD 19</th>
<th>June 18</th>
<th>June 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policy</td>
<td>105</td>
<td>117</td>
<td>21</td>
<td>18</td>
</tr>
<tr>
<td>Permits</td>
<td>88</td>
<td>105</td>
<td>13</td>
<td>20</td>
</tr>
<tr>
<td>Discussion</td>
<td>36</td>
<td>29</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Information</td>
<td>30</td>
<td>21</td>
<td>4</td>
<td>3</td>
</tr>
</tbody>
</table>
### Administration

<table>
<thead>
<tr>
<th>Activity</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board Meetings</td>
<td>2</td>
</tr>
<tr>
<td>Financial Management</td>
<td>Initiated reformatting budget and accounting codes to increase efficiency in accounting and bookkeeping</td>
</tr>
</tbody>
</table>
| Human Resources   | Student workers started  
Sarah Montan  
Josh Norman  
7/4 Holiday: Office closed |
| Inservice Training | 5/14 Land Measurement and Legal Descriptions                          |
| Insurance         | Obtained new budget figures for Insurance                              |
| IT                | None                                                                   |
| Office Equipment Agreements | None due                  |
| Office Building   | • Painting complete                                                    |
| Records           | Records audited by historical society  
Updating Long & Short-range plan for records retention, disposal & Retrieval |
| Staff Meetings    | 6/11 Staff meeting  
7/9                                                                 |
DEVELOPMENT REGULATION

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEMA HUC 8 Flood Risk Study</td>
<td>Model is being reviewed by the DNR. Responding to questions from Rita Weaver.</td>
</tr>
<tr>
<td>Lower Sand Creek</td>
<td>Coordinating spring restoration efforts</td>
</tr>
<tr>
<td>Middle Sand Creek</td>
<td>Preparing design alternatives.</td>
</tr>
<tr>
<td>Pleasure Creek Pond Retrofit (@ 303d) in Blaine: Cloverleaf Pkwy &amp; East Pleasure Creek Dr</td>
<td>Moving ahead on final design.</td>
</tr>
<tr>
<td>Ditch 17 Repair (Hugo to E. River Rd)</td>
<td>Final seeding and site cleanup this spring.</td>
</tr>
<tr>
<td>Oak Glen Creek Subwatershed Assessment</td>
<td>District staff working on plan.</td>
</tr>
<tr>
<td>Lower Coon Creek Watershed Plan</td>
<td>Beginning work week of April 8th.</td>
</tr>
<tr>
<td>Woodcrest Drive Pond Retrofit</td>
<td>Survey to be completed when water recedes, getting soil boring cost estimate and proceeding towards final design.</td>
</tr>
<tr>
<td>Ditch Repairs Ditch 57 @ 78+00, 196+00 and 465+00, Ditch 37 @ 140+00</td>
<td>Plans and cost estimates completed. Jon arranging contractors.</td>
</tr>
</tbody>
</table>
### GEOGRAPHIC INFORMATION SYSTEM

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mapfeeder Updates</strong></td>
<td>Various updates to Permit Management module. Cosmetic updates, new features (Communications Log, Laserfiche links for all permit types). Installed ArcMap Toolbox for Permit Data Dump maps onto Reg Staff computers. Planning on continuing to make these improvements/updates throughout December. Mapfeeder access/intro for Wenck workers Instructions doc PAN script for Wenck Laserfiche links for all Permit types Reference layer and style updates (city boundary, NWI, etc) Doppler radar layer post to Mapfeeder PAN series update; ditch elevations to Topo map Permits Applied layer post Permits Issued layer post Permits Approved layer post</td>
</tr>
<tr>
<td><strong>Management Situation</strong></td>
<td>Developing various thematic maps describing or illustrating components and factors affecting District management ERA updates Permitting maps for 2015-2018 CCWD composition mapping Construction projects mapping Impairment/Floodplain mapping Asset mapping for 2018 Storm Sewer by year map Political/Demographic mapping ESRI ‘Tapestry’ mapping for Outreach Outreach Activities mapping for 2018 Snowmelt mapping Potentiometric Analysis for Stream Reaches Tax Exempt land use map</td>
</tr>
</tbody>
</table>
**ISSUES**

![Issues chart]

<table>
<thead>
<tr>
<th>Issues</th>
<th>YTD 18</th>
<th>YTD 19</th>
<th>Jun 18</th>
<th>Jun 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wetlands</td>
<td>4</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Water Quality</td>
<td>21</td>
<td>15</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Violations</td>
<td>6</td>
<td>6</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Flooding</td>
<td>20</td>
<td>61</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

**OPERATIONS & MAINTENANCE**

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Middle Sand Creek Corridor Restoration</td>
<td>Design</td>
</tr>
<tr>
<td>Pleasure Creek IESF</td>
<td>Design</td>
</tr>
<tr>
<td>Woodcrest Creek IESF</td>
<td>Design</td>
</tr>
<tr>
<td>Springbrook Bank Stabilization</td>
<td>Construction</td>
</tr>
<tr>
<td>Pleasure Creek Bank Stabilization</td>
<td>Construction</td>
</tr>
<tr>
<td>Ditch 57 140th Bank Stabilization</td>
<td>Design</td>
</tr>
<tr>
<td>Ditch 57 Quince Bank Stabilization</td>
<td>Design</td>
</tr>
<tr>
<td>Ditch 57 134th Bank Stabilization</td>
<td>Design</td>
</tr>
<tr>
<td>Ditch 57 SCCDR Bank Stabilization</td>
<td>Construction</td>
</tr>
<tr>
<td>Ditch 57 Andover Bank Stabilization</td>
<td>Construction</td>
</tr>
<tr>
<td>Ditch 59-4 Bank Stabilization</td>
<td>Design</td>
</tr>
<tr>
<td>Ditch 59-1 Bank Stabilization</td>
<td>Design</td>
</tr>
<tr>
<td>Ditch 37 Bank Stabilization</td>
<td>Construction</td>
</tr>
<tr>
<td>Ditch 57 Forestry</td>
<td>Construction</td>
</tr>
<tr>
<td>Ditch 59 Forestry</td>
<td>Design</td>
</tr>
<tr>
<td>Ditch 41 Repair</td>
<td>Notification</td>
</tr>
<tr>
<td>Ditch 58-1 Repair</td>
<td>Notification</td>
</tr>
<tr>
<td>Annual Routine/Follow-up Inspection</td>
<td>In progress</td>
</tr>
<tr>
<td>Ditch 37 Inspection</td>
<td>Notification</td>
</tr>
<tr>
<td>Ditch 57 Inspection</td>
<td>Notification</td>
</tr>
<tr>
<td>Ditch 60 Inspection</td>
<td>Notification</td>
</tr>
<tr>
<td>Oak Glen Creek Inspection</td>
<td>Notification</td>
</tr>
<tr>
<td>Riverview Creek Inspection</td>
<td>Notification</td>
</tr>
</tbody>
</table>
### Project Status

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Woodcrest Creek Inspection</td>
<td>Notification</td>
</tr>
<tr>
<td>Ditch Inspection</td>
<td>Inspection of ‘critical reaches’ of the agricultural drainage system.</td>
</tr>
</tbody>
</table>

### PLANNING

#### Boundary
- Ham Lake’s proposed boundary amendment. No update at this time

#### Comprehensive Plan
- **Comprehensive Plan Amendment**
  1. Riparian Lands: Being redrafted
  2. Local Water Plan Review and Approval Policy and Process: Being redrafted
  3. CIP Chapter: In working draft
  4. District Rules

#### Legislation & Policy
- **DRAFT MS4 Permit and Rule are Available for Review**
  - Senate passed SF2314 passed.
    - The “Per Diem Bill” increases maximum watershed district manager compensation from $75/day to $125/day. (Section 70, page 126)
    - The “Coordinated Watershed Management Bill” improves coordination and removes duplicative efforts of water management planning that is being conducted at both the local and state levels.
  - HF 2209 Omnibus environment and natural resources finance bill passed
    - Allows any government unit to kill beaver causing damage and remove or destroy any associated beaver lodge or dams subject to existing permit requirements and the new provisions established in the bill.

### Local Water Planning

#### Review Schedule

<table>
<thead>
<tr>
<th>Local Plans</th>
<th>Date Received</th>
<th>Comments Due</th>
<th>Board Review</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andover</td>
<td>7/30/2018</td>
<td>10/1/2018</td>
<td>9/24/2018</td>
<td>Approve</td>
</tr>
<tr>
<td>Blaine</td>
<td>7/12/2018</td>
<td>9/13/2018</td>
<td>8/13/2018</td>
<td>Approve</td>
</tr>
<tr>
<td>Coon Rapids</td>
<td>7/16/2018</td>
<td>9/17/2018</td>
<td>10/8/2018</td>
<td>Approve</td>
</tr>
<tr>
<td>Spring Lake Park</td>
<td>12/6/2018</td>
<td>2/7/2019</td>
<td>1/28/2019</td>
<td>Approve</td>
</tr>
<tr>
<td>Ham Lake</td>
<td></td>
<td></td>
<td></td>
<td>No Submit</td>
</tr>
<tr>
<td>Columbus</td>
<td>7/20/2018</td>
<td>9/21/2018</td>
<td>8/27/2018</td>
<td>Table</td>
</tr>
</tbody>
</table>
## PUBLIC AFFAIRS

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Springbrook Biochar Filter Weir signage</strong></td>
<td>In production: design completed 6/25. Install requested to be done by 7/4/2019.</td>
</tr>
<tr>
<td><strong>Springbrook Weir Biochar Filter exhibit</strong></td>
<td>Complete; 6/18- display fixed, updated, and returned to and on exhibit at Springbrook Nature Center starting 6/18.</td>
</tr>
<tr>
<td><strong>Lower Sand Creek Corridor Restoration signage</strong></td>
<td>Final drafts delivered on 6/24. Currently working with City of Coon Rapids on design, production, and install.</td>
</tr>
</tbody>
</table>

### Education/Outreach

| Water Education grants                          | No applications received. <$500 remains in 2019. |
| Articles                                         | June City newsletter articles: Pesticides and Water Don’t Mix - Spring Lake Park; Ditch Obstructions and Illicit Discharge heads up - Coon Rapids. |
| MDH CEC grant                                    | Final push before 9/30 deadline: Re-order of dog waste bag swag; prep for 1,000 materials to go out to partners for Nite to Unite on August 6th |
| Water Quality-related                           | 6/28- Confirmed partnership with Fridley and grant available to hold a Level 1-Smart Salting for Parking Lots & Sidewalks workshop on 9/19/19 at Springbrook Nature Center. Target audience = Snow & Ice removal contractors at and around Northtown Mall (Ditch 17 and Pleasure Creek) |

### Upcoming Outreach Events

<table>
<thead>
<tr>
<th>Month</th>
<th>Time</th>
<th>Event Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/13</td>
<td>10am-1pm</td>
<td>Andover Fun Fest</td>
<td>Andover</td>
</tr>
<tr>
<td>7/16</td>
<td>2-6:30pm</td>
<td>Andover Farmers Mkt</td>
<td>Andover</td>
</tr>
<tr>
<td>7/17</td>
<td>2-6:30pm</td>
<td>Coon Rapids Farmers Mkt</td>
<td>Coon Rapids</td>
</tr>
<tr>
<td>7/20</td>
<td>10am-1pm</td>
<td>Pollinator Garden Tour</td>
<td>Coon Rapids</td>
</tr>
<tr>
<td>7/23</td>
<td>6-8pm</td>
<td>Summer in City-Crooked Lk</td>
<td>Coon Rapids</td>
</tr>
<tr>
<td>7/25</td>
<td>1:30-2:30</td>
<td>Creek Cleanup- D41 at NSC</td>
<td>Blaine</td>
</tr>
<tr>
<td>7/27</td>
<td>7:30am-1</td>
<td>Blaine Farmer’s Market</td>
<td>St. Tim’s Church</td>
</tr>
<tr>
<td>7/30</td>
<td>6-8pm</td>
<td>Summer in City-Moore Park</td>
<td>Coon Rapids</td>
</tr>
<tr>
<td>7/31</td>
<td>3-7pm</td>
<td>Ham Lake Farmer’s Market</td>
<td>Mickman’s Garden Ctr</td>
</tr>
</tbody>
</table>

### Involvement

| CAC Meeting                      | 7/10 |
| Public Hearing – Change of Location of Place of Business | TBD |
**TECHNICAL ASSISTANCE**

**Tech Assistance Requests**

<table>
<thead>
<tr>
<th></th>
<th>YTD 18</th>
<th>YTD 19</th>
<th>June 18</th>
<th>June 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tech Assit</td>
<td>34</td>
<td>57</td>
<td>6</td>
<td>9</td>
</tr>
</tbody>
</table>

**WATER QUALITY PROGRAM**

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comp Plan Amendments</td>
<td>Revisions/redlines complete for Water Quality, TMDL, and AIS chapters.</td>
</tr>
<tr>
<td>Routine Stream, Lake, &amp; Wetland Monitoring</td>
<td>All level loggers deployed, 2 of 8 grab samples collected at each site</td>
</tr>
<tr>
<td>Diagnostic Monitoring</td>
<td>1 of 8 trips completed for D17, 37, 60, &amp; 39 subwatersheds</td>
</tr>
<tr>
<td>Aquatic Invasive Species Monitoring</td>
<td>No positive zebra mussel reports, 1st round of lake AIS surveys scheduled for June</td>
</tr>
<tr>
<td>Water Quality Cost Share Program</td>
<td>4 projects rewarded, reopened RFP for remaining $25,000</td>
</tr>
<tr>
<td>Springbrook Weir Filter</td>
<td>Valves opened April 9th; 5 of 12 sampling trips completed; 85% E coli removal to date</td>
</tr>
<tr>
<td>Middle Sand Creek Restoration</td>
<td>Fully executed grant agreement/work plan. Collaborating on design with MN DNR.</td>
</tr>
<tr>
<td>Watershed-based funding CWF grant</td>
<td>Pleasure Creek IESF project underway</td>
</tr>
<tr>
<td>FY19 CWF competitive grants</td>
<td>Agreements executed for Middle Sand Creek Corridor Restoration &amp; Woodcrest Pond filter bench expansion projects in the amounts of $382,772 and $376,093 respectively.</td>
</tr>
</tbody>
</table>
COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: July 8, 2019
AGENDA NUMBER: 7
ITEM: Advisory Committee Report

AGENDA: Policy Discussion Information

ACTION REQUESTED Receive Report

BACKGROUND
The Citizen Advisory Committee (CAC) met on June 12th. The TAC did not meet. New items are underlined.

The CAC received the following information:
1. Update on Office Building by TK
   - Contractors are ahead of schedule: have new wiring, lighting, walls up; painting to occur this week or next.
   - Expect move to occur in early August.
   - RJ asked about ADA needs; TK responded that the City required some upgrades and modifications to internal doors for full wheelchair access, and that there is already a curb cut and access to the building.
   - The dinner stop on the 6/17 Board Tour will be at the new office location for people to tour.

2. District Annual Tour Itinerary & attendance request
   - The edited tour itinerary and timetable was presented on the Sharpboard with explanations given for each site.

3. Budget Update – no budget items were discussed.
   - DB asked if there were any high-water issues in the District and TK responded about high volume of calls and the previous night’s neighborhood meeting about a high pond in backyards with no easement. Discussion about easements ensued; what they are, how they are useful, how to educate about them.

At the request of CAC member Elsner, the CAC was given the list of District events taken from the Board staff report showing upcoming outreach and involvement activities.

- The next CAC meeting is on Wednesday, July 10th, 4:45pm at CCWD office in Blaine.
- The next TAC meeting date is To Be Determined.

ISSUES/CONCERNS
RECOMMENDATION
Receive Report
COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE:  July 8, 2019
AGENDA NUMBER:  8
ITEM:  Receive Monthly Financial Statements

FISCAL IMPACT:  Budgeted
POLICY IMPACT:  Policy

REQUEST
Receive monthly financial reports

BACKGROUND
Attached are the fund balances, fund bank reconciliation and budget report for June 2019 for review and receipt.

ISSUES/CONCERNS
1. Fund Balances:

<table>
<thead>
<tr>
<th>Description</th>
<th>6/1/2019</th>
<th>Receipts (Debits)</th>
<th>Disbursements (Credits)</th>
<th>7/1/2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Revenue Funds</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>509 Management Fund (8612)</td>
<td>2,671,434.83</td>
<td>39,123.77</td>
<td>223,403.25</td>
<td>2,487,155.35</td>
</tr>
<tr>
<td>Encumbered Building Reserve (7001)</td>
<td>153,205.97</td>
<td></td>
<td></td>
<td>153,205.97</td>
</tr>
<tr>
<td>Rapid Response Reserve</td>
<td>40,000.00</td>
<td></td>
<td></td>
<td>40,000.00</td>
</tr>
<tr>
<td>509 Operational Funds Balance</td>
<td>2,478,228.86</td>
<td></td>
<td></td>
<td>2,293,949.38</td>
</tr>
<tr>
<td>ACD WCA Block Grant</td>
<td>4,937.97</td>
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Total Cash Balance: All Funds  4,521,458.28  90,138.77  261,089.61  4,388,193.80
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Variances

RECOMMENDATION- Receive report
COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: July 8, 2019
AGENDA NUMBER: 9
ITEM: Bills to Be Paid

FISCAL IMPACT: Budgeted
POLICY IMPACT: Policy

REQUEST
Approve bills

BACKGROUND
Claims totaling $354,461.24 on the following disbursement list will be issued and released upon Board approval.

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354,461.24
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Transfer to General Fund-Escrow Return Diff | 8699560041 | 25412 | 387.81 | 8000.00 | U.S. Bank |

Transfer to General Fund-Escrow Return Diff | 8699560112 | 51913 | 387.81 | 8000.00 | U.S. Bank |
COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: July 8, 2019
AGENDA NUMBER: 10
ITEM: District Change of Principal Place of Business

AGENDA: Policy

ACTION REQUESTED
Order a hearing for July 22 to receive comments on the change in the District’s principle place of business from Bunker Hills Activity Center to 13632 Van Buren St. NE, Ham Lake, MN

BACKGROUND
With the purchase of the office building on Van Buren and the move-in date occurring the end of July or by the middle of August the District will need to change its principal place of business to the new location. There is a statutory process that governs this action is found in Minnesota Statutes section 103D.321 (2018).

Michelle has reviewed the statute and identified a five step process

1. **Board of Managers Resolution:** The Coon Creek Watershed District Board of Managers may initiate a change of the principal place of business to a different location within the watershed district (the Ham Lake Van Buren property is within the Coon Creek Watershed District), by passing a Resolution stating the proposed change of location. After passing the Resolution, the Board of Managers must set a time and location for a hearing on the change of the principal place of business.

2. **Notice and Hearing:** The Board of Managers must give Notice of the Hearing by publication in a legal newspaper, published in Anoka County, with the last publication occurring at least ten days before the hearing. Notice of the Hearing must also be mailed to the Auditor of Anoka County ten days before the hearing. The Notice must be published once a week for two successive weeks. (See Minnesota Statutes section 103D.011 (22) (2018)). The District should also post the Notice of Hearing on its website.

3. **Order:** Upon Hearing, the Board of Managers by Order may change the place of business.

4. **Filing Order with Secretary of State:** The District must then file with the Minnesota Secretary of State a certified copy of the Order changing the principal place of business. The District must also file a certified copy of the Order with BWSR.
5. **Effective Date of Change of Business.** The change of the principal place of business of the District is effective on the date the certified copy of the Order is filed with the Secretary of State and with BWSR.

**ISSUES/CONCERNS**

**Resolution stating the proposed change of location:** A resolution stating the proposed change in office location is attached to this staff report

**Hearing to Receive Comments on Proposed Office Location Change:** Staff is prepared, upon Board action, to publish Notice in the District’s official publications on Friday July 12 & 19, 2019 of a hearing to be held by the Board Monday July 22 to hear questions, comments and concerns related to the District changing the location of its principle place of business.

**Order:** In an effort to keep this moving, staff will prepare an order change the District’s place of business for consideration and possible adoption at the July 22 meeting

**PRIOR DECISIONS**

na

**OPTIONS**

Adopt resolution

1. Modify resolution and adopt

2. Don’t adopt resolution and provide direction to staff

**RECOMMENDATION**

1. Adopt resolution provided
2. Order public hearing on proposed change in business location for the July 22 meeting
RESOLUTION NO.
COON CREEK WATERSHED DISTRICT
BOARD OF MANAGERS

INITIATING CHANGE OF DISTRICT’S
PRINCIPAL PLACE OF BUSINESS

WHEREAS, the Coon Creek Watershed District (District) on December 21, 2018 acquired an office building located at 13632 Van Buren Street N.E., Ham Lake MN 55304, for the purpose of housing the District’s public offices and conducting its statutory watershed activities and operations; and

WHEREAS, since acquiring this property the District has been working on remodeling the office space to accommodate its needs, and is now ready to fully occupy the office space in carrying out its statutory public duties and obligations; and

WHEREAS, the Legislature under Minnesota Statutes section 103D.321 (2018) authorizes the District Board of Managers upon notice and hearing to change the District’s principal place of business; and

WHEREAS, it is in the public’s best interests to change the District’s principal place of business to its wholly-owned office headquarters located at 13632 Van Buren Street N.E., Ham Lake, MN 55304.

THEREFORE, BE IT RESOLVED that pursuant to Minnesota Statutes section 103D.321 (2) (2018) the Coon Creek Watershed District Board of Managers proposes to change the District’s principal place of business from the Bunker Lake Activity Center of Anoka County, 550 Bunker Lake Boulevard, Coon Rapids, MN, to 13632 Van Buren Street N.E., Ham Lake, MN 55304; and

BE IT FURTHER RESOLVED that in accordance with Minnesota Statutes section 103D.321 (2)(a), (b) (2018) the Coon Creek Watershed District Board of Managers will set a date for public hearing on the change of principal place of business, direct notice of hearing and further proceed in accordance with Minnesota Statutes section 103D.321 (2018).
COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: July 8, 2019
AGENDA NUMBER: 
FILE NUMBER: 19-064
ITEM: Blaine High School Tennis Courts and Parking

RECOMMENDATION: Approve with 1 Stipulation

APPLICANT: Anoka Hennepin School District
2727 N. Ferry Street
Anoka, MN 55303

PURPOSE: Reconstruction of tennis courts
Construction of new parking.
4.78 Acres disturbed/3.883 acres increased impervious

LOCATION: 12555 University Ave NE, Blaine
APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. Any work in or adjacent to wetlands, lakes or water courses
3. One or more cumulative acres of land disturbance
4. The lands and waters that have been, or may be, covered by the regional flood.
5. Activities upstream from land that is dependent upon removal of water from the soil profile for their continued use (Drainage Sensitive Land Uses)
6. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
1. Construction Plan set (13 sheets); by Anderson Johnson Associates; dated 3/22/19, received 6/26/19.
4. Response to District comments; by Anderson Johnson Associates not dated, received June 25, 2019.
PREVIOUS ACTION TAKEN: This application was initially submitted on March 26, 2019. The application was determined to be incomplete with 14 items:

1. Receipt of escrows.
2. Submit all plan sheets. (Electrical may be omitted.)
3. The applicant must provide a note on the construction plans that a post construction test on the infiltration basins 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.
4. Provide justification for CN’s and infiltration rates where used.
5. Provide drainage area map with tributary areas and collection points that match the identification number from the HydroCAD models. Provide maps at a scale where the drainage area boundaries can be clearly seen.
6. Provide details for trail construction and associated drainage.
7. Provide utility, grading and erosion control plans for all infiltration basins and disturbed areas.
8. Correct invert elevations for storm sewer catch basin in northwest corner of tennis courts.
9. Provide details including post-construction sediment controls for all proposed infiltration basins.
11. 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.
12. Provide pretreatment devices for discharges into the infiltration basins.
13. Provide an O&M Agreement that meets District requirements.
14. Show floodplains and identify any floodplain impacts.

FINDINGS:
**Pre-application Meeting:** The project as submitted has not received a general review during a pre-application meeting.

**Ditches:** There is not a public ditch on the property. The site is tributary to County Ditch 60, which has a branch located approximately ¼ mile south of the project site.

**Erosion and Sediment Control:** Soils affected by the proposal are Fill and Zimmerman.
- Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles have been proposed to be fitted with sediment-trapping measures to prevent soil loss and do have a note to stabilize within seven (7) days of inactivity.
- Adjacent properties and stormwater ponds are protected from sediment deposition.
- Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
- Stabilization adequate to prevent erosion has been provided at the outlets of all storm sewer pipes.
- All storm sewer inlets are protected from sediment-laden water during construction.
- All work adjacent to water or related resource has taken precautions to contain sediment, and stabilize the work area, during construction.
- Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
- Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
- Construction entrance points are clearly located on the erosion and sediment control plan.
- The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
- Details provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

**Dewatering:** Shallow ground water does not exist on site based on the soil boring report. The project is not expected to require dewatering.

**Floodplain:** There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevation is at 897.0 feet. The construction of the campus trail is proposed within the floodplain. The trail is proposed to match existing grades based on spot elevations shown on the plan. Compensatory storage not required.

**Groundwater:** Geotechnical information collected in September and November 2017 indicates groundwater is present at 13-14 feet below the surface, corresponding to an elevation between 884 and 885.5 feet.
The project site is not within the Emergency Response Area/10 Year Well Head Protection Area/Drinking Water Supply Management Area.

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

**Historic Sites:** The proposed project does not include sites of historic or archeological significance.

**Local Planning & Zoning:** The proposed project is consistent with local planning and zoning. There is an approved local water plan.

**Maintenance:** The owner of the Stormwater Management features and treatment practices is Anoka Hennepin Schools. The Stormwater Treatment Practices (STPs) consisting of the following:

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
<th>Inspection &amp; Maintenance Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infiltration Basin</td>
<td>4</td>
<td>Anoka Hennepin Schools</td>
</tr>
<tr>
<td>Ran Gardens</td>
<td>2</td>
<td>Anoka Hennepin Schools</td>
</tr>
</tbody>
</table>

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

**Stormwater & Hydrology:** Infiltration is allowed within the project area. The 1.1-inch infiltration is achieved. The stormwater management system utilizes infiltration basins. Calculations have been provided that illustrate the 1-inch infiltration volume is achieved below outlet.

Drainage sensitive uses do exist downstream from the proposed site. The rate of post-development runoff from the site does not exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses. Properties and waterways downstream from the project are protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water leaving the site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe.

**Water Quality:** The proposed project does not cause an exceedance of State water quality standards. The project does not contribute to the adverse impact of wetlands through inundation or volume of flow. All discharges into wetlands/stormwater basins are pretreated by a vegetative buffer strip between the paved surfaces and the infiltration basin. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. The proposal does not detrimentally affect the existing water quality of the receiving water. The proposal will not cause extreme fluctuations of water levels or temperature changes.
Impairments: This project is within one (1) mile of and drains to an Impaired Water. The Impaired Water is Sand Creek (CD 41). Sand Creek is impaired for Macro-invertebrates and E. coli. The major stressors are Total Suspended Solids (TSS), Total Phosphorus (TP) and E.coli. There is an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

There are 3.883 acres of new impervious surfaces proposed as part of this project.

Wetlands: Wetlands do exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have been delineated.

Wetland Replacement Plan: A wetland replacement plan has not been submitted. and is not required

Wildlife: The proposed project does not include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors. The applicant has not contacted the MDNR natural heritage or endangered species program.

If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

Performance Escrow: $4,390 [($2,000 + (4.78 ac * $500/ac = $4,390) Received

Wetland Escrow: $ N/A

There are not ditch liens on the property.

ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance: A maintenance agreement has not been executed. The applicant has agreement with watershed to provide O&amp;M agreement at completion of entire project. not submitted a Maintenance Plan for each Stormwater Treatment Practice.</td>
<td>1. Provide an O&amp;M Agreement that meets District requirements at completion of final phase.</td>
</tr>
</tbody>
</table>

RECOMMENDATION: Approve with 1 Stipulations

Stipulations:
1. Provide an O&M Agreement that meets District requirements at completion of final phase.
COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: July 8, 2019
AGENDA NUMBER:
FILE NUMBER: 19-131
ITEM: Hark Floodplain

RECOMMENDATION: Approve with 2 Stipulation

APPLICANT: Steve Hark
8528 Mississippi Blvd NW
Coon Rapids, MN 55433

PURPOSE: Restoration of floodway, along with grading and retaining wall relocation to provide compensatory storage for floodplain fill

LOCATION: West of 85th Ln NW and Mississippi Blvd NW, Coon Rapids MN
APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. Any work in or adjacent to wetlands, lakes or water courses
3. The lands and waters that have been, or may be covered by the regional flood.
4. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
PREVIOUS ACTION TAKEN: This is a new application.

FINDINGS:
Pre-application Meeting: The project as submitted has received a general review during a pre-application meeting.

Ditches: There is not a public ditch on the property.

Ditch Hydraulics: A crossing of the ditch is not proposed.

Erosion and Sediment Control: Soils affected by the proposal are Becker and Hubbard.
  • Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
  • Soil stockpiles have not been proposed to be fitted with sediment-trapping measures to prevent soil loss and have not been proposed to be stabilized within 7 days of inactivity.
  • Adjacent properties and stormwater ponds are protected from sediment deposition.
  • Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
  • No outlets or inlets impacted as part of the project.
  • All work adjacent to water or related resource has not taken precautions to contain sediment, and stabilize the work area during construction.
  • Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
  • Provisions have not been made for cleaning road surfaces where sediment is transported by the end of the day.
  • Construction entrance points are not clearly located on the erosion and sediment control plan.
  • The erosion and sediment control plan does not provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.

Dewatering: Shallow ground water may exist on site. Dewatering is not anticipated.

Floodplain: There is floodplain on the property according to FEMA at 825 feet. The project proposes to excavate fill within the floodplain. There are no flooding concerns upstream or downstream.

High Water Flooding: Information is not needed to substantiate low floor elevations as no new structures are proposed.

Groundwater: Geotechnical information has not been provided and is not needed. No infiltration practices or structures proposed as part of this project.
The project site is not within the Emergency Response Area/10 Year Well Head Protection Area/Drinking Water Supply Management Area.

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

**Historic Sites:** The proposed project does not include sites of historic or archeological significance.

**Local Planning & Zoning:** The proposed project is consistent with local planning and zoning. There is an approved local water plan.

**Maintenance:** There are no stormwater treatment practices proposed for this project.

Easements: The proposed project does not include a ditch maintenance easement. A ditch maintenance easement is not required.

**Stormwater & Hydrology:** Infiltration is allowed within the project area. The 1-inch infiltration is achieved via overland flow.

Drainage sensitive uses do not exist downstream from the proposed site. The rate of post-development runoff from the site does not exceed predevelopment rates. The volume, velocity, or peak water flow rates of stormwater runoff are not expected to exceed predevelopment rates. Concentrated storm water leaving the site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. No on-site constructed storm water conveyance channels are proposed as part of the project.

**Water Quality:** The proposed project does not cause an exceedance of State water quality standards. The project does not contribute to the adverse impact of wetlands through inundation or volume of flow. All discharges into wetlands are pretreated via overland flow. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. The proposal will not detrimentally affect the existing water quality of the receiving water. The proposal will not cause extreme fluctuations of water levels or temperature changes.

**Impairments:** This project is within one (1) mile of and drains to an Impaired Water. The Impaired Water is Mississippi River. Mississippi River is impaired for Aquatic Life (Macro-invertebrates) and Aquatic Recreation (Fecal Coliform). The major stressors are Total Suspended Solids (TSS), Total Phosphorus (TP), and Fecal coliform. There is not an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water for nutrients but there is for Fecal coliform.

There are new impervious surfaces proposed as part of this project.
**Wetlands:** Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have not been delineated.

**Wetland Replacement Plan:** A wetland replacement plan has not been submitted and is not required.

**Wildlife:** The proposed project does not include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors. The applicant has not contacted the MDNR natural heritage or endangered species program.

If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

**Performance Escrow:** $2,030.00  
**Wetland Escrow:** $ N/A  
There are not ditch liens on the property.

### ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (0.06 ac * $500/ac = $2,030.00</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>
| **Soils & Erosion Control:** Soil stockpiles have not been proposed to be fitted with sediment-trapping measures to prevent soil loss and have not been proposed to be stabilized within 7 days of inactivity.  
 All work adjacent to water or related resource has not taken precautions to contain sediment and stabilize the work area during construction.  
 Provisions have not been made to minimize transport of sediment by runoff or vehicle tracking onto the paved surface.  
 Provisions have not been made for cleaning road surfaces where sediment is transported by the end of the day.  
 Construction entrance points are not clearly located on the erosion and sediment control plan. | 2. Update Erosion and Sediment Control Plan to include the following:  
 a. Provide note that soil stockpiles will be fitted with sediment-trapping measures to prevent soil loss and be stabilized within 7 days of inactivity.  
 b. Show double row silt fence adjacent to Mississippi River.  
 c. Update plans to show construction access route and staging area. Provide provisions to minimize tracked sediment and sweep tracked sediment daily.  
 d. Clearly show construction entrance points on plans.  
 e. Provide note to repair and maintain all temporary and permanent erosion and sediment control practices. |
The erosion and sediment control plan does not provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.

**RECOMMENDATION:** Approve with 2 Stipulation

**Stipulations:**

1. Receipt of escrows.
2. Update Erosion and Sediment Control Plan to include the following:
   a. Provide note that soil stockpiles will be fitted with sediment-trapping measures to prevent soil loss and be stabilized within 7 days of inactivity.
   b. Show double row silt fence adjacent to Mississippi River.
   c. Update plans to show construction access route and staging area. Provide provisions to minimize tracked sediment and sweep tracked sediment daily.
   d. Clearly show construction entrance points on plans.
   e. Provide note to repair and maintain all temporary and permanent erosion and sediment control practices.
COON CREEK WATERSHED DISTRICT  
PERMIT REVIEW  

MEETING DATE: July 8, 2019  
AGENDA NUMBER:  
FILE NUMBER: 19-069  
ITEM: Hidden Forest East 2nd Addition  

RECOMMENDATION: Approve with 4 Stipulations  

APPLICANT: Knoll Family LLLP  
12218 Buchanan Ct. NE  
Blaine, MN 55434  

PURPOSE: Single Family Residential Subdivision  
44 Lots on 100 Acres  

LOCATION: 143rd Avenue NE & Opal Street NE Ham Lake
APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. Any work in or adjacent to wetlands, lakes or water courses
3. One or more cumulative acres of land disturbance
4. The lands and waters that have been, or may be covered by the regional flood
5. Activities upstream from land that is dependent upon removal of water from the soil profile for their continued use (Drainage Sensitive Land Uses)
6. High water table, outwash and organic soils
7. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
PREVIOUS ACTION TAKEN: District staff did not review the application at the May 28, 2019 Board meeting. The application was determined to be incomplete with 11 stipulations:

1. Receipt of escrows.
2. Update HydroCAD model to include proposed infiltration basins.
3. Update design to include additional infiltration basins where feasible that are capable of infiltrating the first 1-inch of runoff to the maximum extent practicable. This stipulation is subject to the results of future soil borings.
4. Update preliminary plat to allow for construction of additional rate control BMPs to meet rate control requirements. Drainage sensitive requirements must be met for discharges to the west ditch. Provide an updated rate control table that includes all discharge points in the Drainage Report.
5. Update drain tile detail to show 2 inches of choking stone above washed #57 stone.
6. Provide an O&M Agreement that meets District requirements.
7. Provide soil boring, test pit, or infiltrometer test in the location of all infiltration practices to determine infiltration rates.
8. More soils borings are needed to ensure a minimum of three (3) feet of separation from the seasonally saturated soils and required infiltration practices.
9. Include an impermeable liner for all NURP basins.
10. Quantify floodplain fill and provide equivalent compensatory storage.
11. Move grading limits further from wetland edge to ensure there is no fill impacts occurring.

FINDINGS:
Pre-application Meeting: The project as submitted has not received a general review during a pre-application meeting.

Ditches: There is a not a public ditch on the property.

Ditch Hydraulics: A crossing of the ditch is not proposed.

Erosion and Sediment Control: Soils affected by the proposal are Lino, Isanti, and Zimmerman.
   • Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
   • Soil stockpiles have been proposed to be fitted with sediment-trapping measures to prevent soil loss and do have a note to stabilize within seven (7) days of inactivity.
   • Adjacent properties and stormwater ponds are protected from sediment deposition.
   • Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
   • Stormwater runoff does pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity.
   • Stabilization adequate to prevent erosion has been provided at the outlets of all storm sewer pipes.
   • All storm sewer inlets are protected from sediment-laden water during construction.
• All work adjacent to water or related resource has taken precautions to contain sediment and stabilize the work area during construction.
• Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
• Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
• Construction entrance points are clearly located on the erosion and sediment control plan.
• The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
• Details provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

Dewatering: Shallow ground water does exist on site. The project will likely require dewatering.

Floodplain: There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevation is at 893.9 feet on the west and 900.3 feet on the east side of the project. The project does not propose to place fill within the floodplain. Compensatory storage is not required. There are no flooding concerns upstream and/or downstream.

High Water Flooding: Information has been provided to substantiate low floor elevations. Low floor elevations do meet the criteria for the City of Ham Lake; 1 ft above mottled soil or 100 yr.

Groundwater: Geotechnical information collected in June 2003 indicates long term groundwater elevation is present at 3-12 feet below the surface.

The project site is not within the Emergency Response Area/10 Year Well Head Protection Area/Drinking Water Supply Management Area.

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

Historic Sites: The proposed project does not include sites of historic or archeological significance.

Local Planning & Zoning: The proposed project is consistent with local planning and zoning. There is an approved local water plan.

Property owners affected by changes in drainage have not been notified or acknowledge the changes proposed.
**Maintenance:** The owner of the Stormwater Management features and treatment practices is the City of Ham Lake. The Stormwater Treatment Practices (STPs) consisting of the following:

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
<th>Inspection &amp; Maintenance Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basins</td>
<td>4</td>
<td>City of Ham Lake</td>
</tr>
<tr>
<td>Infiltration Areas</td>
<td>8</td>
<td>City of Ham Lake</td>
</tr>
<tr>
<td>Rain Guardians</td>
<td>9</td>
<td>City of Ham Lake</td>
</tr>
</tbody>
</table>

Inspection and maintenance of stormwater facilities will be the responsibility of the City of Ham Lake. As a requirement of the City’s MS4 program, the city will inspect and maintain the stormwater facilities.

**Easements:** The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required. A maintenance access to all storm water management features is provided.

**Stormwater & Hydrology:** Infiltration is allowed within the project area. The 1-inch infiltration is achieved to the maximum extent practicable. The stormwater management system utilizes infiltration basins and NURP basins.

Drainage sensitive uses do exist downstream from the proposed site. The rate of post-development runoff from the site does exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses. However, at a meeting with CCWD staff on 6/7/2019, it was determined that rate control comparison could omit the backyard drainage areas. The result is that the drainage sensitive requirement is achieved.

Properties and waterways downstream from the project are protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water leaving a site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. All on-site constructed storm water conveyance channels are constructed to withstand the expected velocity from a 2-year frequency storm without erosion.

**Water Quality:** The proposed project does not cause an exceedance of State water quality standards. The project may contribute to the adverse impact of wetlands through inundation or volume of flow. All discharges into wetlands/stormwater basins are pretreated by a sediment basin/overland flow and are designed correctly. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. The proposal will not detrimentally affect the existing water quality of the receiving water. The proposal will not cause extreme fluctuations of water levels or temperature changes.

**Impairments:** This project is within one (1) mile of and drains to an Impaired Water. The Impaired Water is Coon Creek. Coon Creek is impaired for Aquatic Life (Macro-
invertebrates)/ Aquatic Recreation (E. coli). The major stressors are Total Suspended Solids (TSS)/ Total Phosphorus (TP)/E.coli. There is an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

There are new impervious surfaces proposed as part of this project.

**Wetlands:** Wetlands do exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have been delineated. The most recent delineation was approved on 1/25/19. The wetland boundary has been checked.

There is a DNR protected water, PWI Basin #2-529P on the eastern portion of the site, in its entirety it falls under DNR jurisdiction.

The total proposed wetland impact is 0 square feet.

**Wetland Replacement Plan:** A wetland replacement plan has not been submitted and is not required.

**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.

The applicant has contacted the MDNR natural heritage or endangered species program.

MDNR has responded to the applicant with a letter dated 12/13/18.

If the project is present, the project may propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species.

**Performance Escrow:** $23,450

**Wetland Escrow:** $N/A

There are not ditch liens on the property.

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (42.9 ac * $500/ac) = $23,450</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Groundwater:</strong> Dewatering may be required.</td>
<td>2. Provide well-field location, rates, discharge location, schedule quantities when available, and DNR Permit.</td>
</tr>
<tr>
<td><strong>Stormwater &amp; Hydraulics:</strong> Sheet C1.01 was not included in last submittal.</td>
<td>3. Provide updated Utility plan that reflects plan set dated 6/26/19.</td>
</tr>
<tr>
<td><strong>Wetland:</strong> Unclear of wetland boundary around Wetland 3. Appears there are grading impacts in wetland.</td>
<td>4. Clarify the correct wetland boundary and/or impacts.</td>
</tr>
</tbody>
</table>
RECOMMENDATION: Approve with 4 Stipulations

Stipulations:
1. Receipt of escrows.
2. Provide well-field location, rates, discharge location, schedule quantities when available, and DNR Permit.
4. Clarify the correct wetland boundary and/or impacts.
COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: July 8, 2019
AGENDA NUMBER: 
FILE NUMBER: 18-061
ITEM: Imagine Building

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: Imagine
Town Square Drive
Blaine, MN

PURPOSE: 13,160 SQ FT Building on 1.7 Acre Lot

LOCATION: South of Town Square Dr and 108th Ln NE, Blaine MN

APPLICABILITY:
1. One or more cumulative acres of land disturbance

EXHIBITS:
PREVIOUS ACTION TAKEN: This application was approved at the April 23, 2018 board meeting with three stipulations. Those stipulations were:

1. Receipt of escrows.
2. Site already meets rate control through regional basin and therefore basins should be sized for volume management. It is recommended that Pond A have drain tile installed to ensure drawdown.
3. Provide an O&M Agreement that meets District requirements.

FINDINGS:

Pre-application Meeting: The project as submitted has not received a general review during a pre-application meeting.

Ditches: There is not a public ditch on the property.

Ditch Hydraulics: A crossing of the ditch is not proposed.

Erosion and Sediment Control: Soils affected by the proposal are Lino, Isanti and Zimmerman.

- Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles have been proposed to be fitted with sediment-trapping measures to prevent soil loss.
Adjacent properties and stormwater ponds are not protected from sediment deposition.
Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
Stabilization adequate to prevent erosion has been provided at the outlets of all storm sewer pipes.
All storm sewer inlets are protected from sediment-laden water during construction.
All work adjacent to water or related resource has taken precautions to contain sediment, and stabilize the work area during construction.
Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle racking onto the paved surface.
Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
Construction entrance points are clearly located on the erosion and sediment control plan.
The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.

Dewatering: Shallow ground water does not exist on site. Dewatering is not anticipated as part of the project.

Floodplain: There is no floodplain on the property according to the District model and FEMA.

High Water Flooding: Information has been provided to substantiate low floor elevations. Low floor elevations do meet the criteria for the City of Blaine; 2 ft above mottled, 2 ft above 100 yr.

Groundwater: Geotechnical information collected in March 2018 indicates groundwater elevation is present at 10-11 feet below the surface. Additional Geotechnical information from surrounding area has groundwater elevations present at 4-10 feet below the surface.

The project site is not within the Emergency Response Area/10 Year Well Head Protection Area/Drinking Water Supply Management Area.

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

Historic Sites: The proposed project does not include sites of historic or archeological significance.
Local Planning & Zoning: The proposed project is consistent with local planning and zoning. There is an approved local water plan.

Maintenance: The Owner of the Stormwater Management features, and treatment practices is Greenspaces, L.L.C. The Stormwater Treatment Practices (STPs) consisting of the following:

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
<th>Maintenance Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basins</td>
<td>3</td>
<td>Greenspaces, L.L.C.</td>
</tr>
<tr>
<td>Forebay</td>
<td>1</td>
<td>Greenspaces, L.L.C.</td>
</tr>
</tbody>
</table>

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

Easements: The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required. A maintenance access to all storm water management features is provided.

Stormwater & Hydrology: Infiltration is allowed within the project area. The 1-inch infiltration is achieved. The stormwater management system utilizes infiltration basins and regional ponding. Stormwater leaving the site is discharged into a well-defined receiving channel or pipe and routed to a public drainage system.

Drainage sensitive uses do not exist downstream from the proposed site. The rate of post-development runoff from the site does not exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses. Properties and waterways downstream from the project are protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water leaving the site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. All on-site constructed storm water conveyance channels are constructed to withstand the expected velocity from a 2-year frequency storm without erosion.

Water Quality: The proposed project does not cause an exceedance of State water quality standards. The project does not contribute to the adverse impact of wetlands through inundation or volume of flow. All discharges into basins are pretreated by a sediment basin/water quality pond and are designed correctly. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. The proposal will not detrimentally affect the existing water quality of the receiving water. The proposal will not cause extreme fluctuations of water levels or temperature changes.

Impairments: This project is not within one (1) mile of an Impaired Water.

There are new impervious surfaces proposed as part of this project.
**Wetlands:** Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey.

**Wetland Replacement Plan:** A wetland replacement plan is not required.

**Wildlife:** The proposed project does not include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.

**Performance Escrow:** $2,855.00  
**Wetland Escrow:** $ N/A  
There are not ditch liens on the property.

### ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Escrows:</strong> $2,000 + (1.71 ac * $500/ac) = $2,855.00</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td><strong>Maintenance:</strong></td>
<td>2. Provide an O&amp;M Agreement that meets District requirements.</td>
</tr>
<tr>
<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>
<td></td>
</tr>
</tbody>
</table>

**RECOMMENDATION:** Approve with 2 Stipulations

**Stipulations:**
1. Receipt of escrows.
2. Provide an O&M Agreement that meets District requirements.
COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: 7/8/2019
AGENDA NUMBER: 
FILE NUMBER: 19-132
ITEM: Northtown Mall

RECOMMENDATION: Table with 13 Stipulations

APPLICANT: Starr Duvall
180 E Broad St
Columbus, OH 43215

PURPOSE: Redevelopment of existing mall site for the construction of new retail spaces and parking lot

LOCATION: 398 Northtown Drive NE, Blaine

APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. One or more cumulative acres of land disturbance.
3. The lands and waters that have been, or may be covered by the regional flood.

EXHIBITS:
1. Construction Plan set (22 sheets); by Civil Site Group, dated 6/26/19, received 6/26/19.
2. Stormwater Management Report; by Civil Site Group, dated 6/26/19, received 6/26/19.
4. Anticipated Project Schedule; by Civil Site Group, dated 6/26/19, received 6/26/19.

PREVIOUS ACTION TAKEN: This is a new application.

FINDINGS:
Pre-application Meeting: The project as submitted has not received a general review during a pre-application meeting.

Ditches: There is not a public ditch on the property.

Ditch Hydraulics: There is no ditch on the property.

Erosion and Sediment Control: Soils affected by the proposal are Isanti and Millerville.
- Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles have been proposed to be fitted with sediment-trapping measures to prevent soil loss and have a note to stabilize within seven (7) days of inactivity.
• Adjacent properties and stormwater ponds are protected from sediment deposition.
• Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
• Stabilization adequate to prevent erosion has not been provided at the outlets of all storm sewer pipes.
• All storm sewer inlets are not protected from sediment-laden water during construction.
• All work adjacent to water or related resource has taken precautions to contain sediment, and stabilize the work area during construction.
• Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
• Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
• Construction entrance points are clearly located on the erosion and sediment control plan.
• The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
• Details are provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

**Dewatering:** Shallow ground water does not exist on site. The project does not require dewatering.

**Floodplain:** There is no floodplain on the property according to the District model and FEMA.

**Groundwater:** Geotechnical information collected in June 2019 indicates long term groundwater elevation is present at 5.5 to 6.5 feet below the surface on the south end, and 4.5 to 10.0 feet on the north end.

The project site is not within the Emergency Response Area/10 Year Well Head Protection Area/Drinking Water Supply Management Area.

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

**Historic Sites:** The proposed project does not include sites of historic or archeological significance.

**Local Planning & Zoning:** The proposed project is consistent with local planning and zoning. There is an approved local water plan.
Property owners affected by changes in drainage should be notified and acknowledge the changes proposed.

Maintenance: The owner of the Stormwater Management features and treatment practices is Washington Prime Group. The Stormwater Treatment Practices (STPs) consisting of the following:

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
<th>Inspection &amp; Maintenance Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infiltration Basin</td>
<td>1</td>
<td>Washington Prime Group</td>
</tr>
<tr>
<td>Infiltration Trench</td>
<td>1</td>
<td>Washington Prime Group</td>
</tr>
<tr>
<td>RainGuardians</td>
<td>6</td>
<td>Washington Prime Group</td>
</tr>
</tbody>
</table>

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

Easements: The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required. A maintenance access to all storm water management features is provided.

Stormwater & Hydrology: Infiltration is allowed within the project area. The 1.1-inch infiltration is achieved. The stormwater management system utilizes an infiltration basin and an infiltration trench.

Drainage sensitive uses do not exist downstream from the proposed site. The rate of post-development runoff from the site does not exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses. Properties and waterways downstream from the project are protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water leaving a site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. All on-site constructed storm water conveyance channels are constructed to withstand the expected velocity from a 2-year frequency storm without erosion.

Water Quality: The proposed project does not cause an exceedance of State water quality standards. The project does not contribute to the adverse impact of wetlands through inundation or volume of flow. All discharges into wetlands/stormwater basins are not pretreated by a sediment basin/water quality pond, and it is unknown if they are designed correctly. The proposal will not detrimentally affect the existing water quality of the receiving water. The proposal will not cause extreme fluctuations of water levels or temperature changes.

Impairments: This project is within one (1) mile of and drains to an Impaired Water. The Impaired Water is County Ditch 17 and Unnamed Ditch. Both are impaired for Aquatic Life (Macro-invertebrates) and Aquatic Recreation (E. coli). The major stressors are
Total Suspended Solids (TSS)/Total Phosphorus (TP)/E.coli. There are EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for these waters.

There are no new impervious surfaces proposed as part of this project.

**Wetlands:** Wetlands do exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have been delineated. The most recent delineation was completed on 4/10/19 under PAN 19-086. The wetland boundary has been checked on 5/6/19.

The wetland is not a DNR protected water.

The total proposed wetland impact is 0 square feet

**Wetland Replacement Plan:** A wetland replacement plan has not been submitted and is not required.

**Wildlife:** The proposed project does not include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors. The applicant has not contacted the MDNR natural heritage or endangered species program.

If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

**Performance Escrow:** $4,500.00

**Wetland Escrow:** $N/A

There are ditch liens on the property.

**ISSUES/CONCERNS:**

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (5.0 ac * $500/ac = $4,500.00</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 1.1 inches 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 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.</td>
</tr>
<tr>
<td>No detail provided for Rain Gaurdians.</td>
<td>3. Provide a detail for Rain Gaurdians.</td>
</tr>
<tr>
<td>SCS Type II rainfall distribution is used in the HydroCAD models. MSE 3 distribution should be used.</td>
<td>4. Update HydroCAD model to use MSE 3 rainfall Distribution.</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>There is a discrepancy in total areas between the existing and proposed HydroCAD models.</td>
<td>5. Clarify the discrepancy in total areas in between the existing and proposed HydroCAD models.</td>
</tr>
<tr>
<td><strong>Soils &amp; Erosion Control:</strong> Stabilization adequate to prevent erosion has not been provided at the outlets of all storm sewer pipes.</td>
<td>6. Update plans to show permanent stabilization for Future FES 1 and Future FES 21.</td>
</tr>
<tr>
<td>All storm sewer inlets are not protected from sediment-laden water during construction.</td>
<td>7. Provide inlet protection for the CB located directly adjacent to the west construction entrance.</td>
</tr>
<tr>
<td>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>8. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from clogging.</td>
</tr>
<tr>
<td><strong>Water Quality:</strong> All discharges into infiltration practices are not pretreated by a sediment sump manhole.</td>
<td>9. Provide pretreatment for runoff that enters the infiltration trench through Future FES 1 and Future FES 21. Provide calculations (SHSAM 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>
<tr>
<td>It is unknown if infiltration practices are designed correctly.</td>
<td>10. Provide more detail on the design and construction of the infiltration basin.</td>
</tr>
<tr>
<td>Underground storage tanks were identified on site from the MPCA resources.</td>
<td>11. Provide results of Phase I/Phase II or clarify location of underground tanks.</td>
</tr>
<tr>
<td><strong>Groundwater:</strong> No soil boring provided in the location of the infiltration trench. It is unknown if 3’ separation from the seasonal groundwater is met.</td>
<td>12. Provide a soil boring within the proposed infiltration trench to ensure 3’ separation from seasonal groundwater.</td>
</tr>
</tbody>
</table>
RECOMMENDATION:  Table with 13 Stipulations

Stipulations:

1. Receipt of escrows.
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. Provide a detail for Rain Guardian.
4. Update HydroCAD model to use MSE 3 rainfall Distribution.
5. Clarify the discrepancy in total areas in between the existing and proposed HydroCAD models.
7. Provide inlet protection for the CB located directly adjacent to the west construction entrance.
8. After initial grading completely surround the proposed infiltration basins with erosion control measures to prevent the basin from
9. Provide pretreatment for runoff that enters the infiltration trench through Future FES 1 and Future FES 21. Provide calculations (SHSAM 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.
10. Provide more detail on the design and construction of the infiltration basin.
   a. Clarify what the 3’ wide “rock window” is.
   b. Clarify if existing material will be replaced with engineering soil. If the material will be replaced, provide a cross section of the basin.
11. Provide results of Phase I/Phase II or clarify location of underground tanks.
12. Provide a soil boring within the proposed infiltration basin to ensure 3’ separations from seasonal groundwater.
13. Provide an O&M Agreement that meets District requirements.
COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: July 8, 2019
AGENDA NUMBER: 
FILE NUMBER: 19-130
ITEM: NSC Seasonal Sports Dome

RECOMMENDATION: Approve with 3 Stipulations

APPLICANT: Neil Ladd
1700 105th Ave. NE
Blaine, MN 55449

PURPOSE: Install Seasonal dome on existing artificial turf in stadium area

LOCATION: National Sports Center East of Davenport and south of 1005th Ave. in Blaine, MN
APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. Any work within or adjacent to a Public ditch within the Watershed District.
3. Any work in or adjacent to wetlands, lakes or water courses
4. One or more cumulative acres of land disturbance
5. High infiltration soils
6. Highly erodible soils
7. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
1. Construction Plan set (4 sheets); by LHB, dated 06/26/2019, received 06/26/2019.
2. Construction Plan set (2 sheets); by Yeadon, dated (No date), received 06/26/2019.
4. Geotechnical Report; by NTI, dated 08/15/17, received 06/26/2019.

PREVIOUS ACTION TAKEN: This is a new application.

FINDINGS:
Pre-application Meeting: The project as submitted has not received a general review during a pre-application meeting.

Ditches: There is not a public ditch on the property.
Ditch Hydraulics: A crossing of the ditch is not proposed.

Erosion and Sediment Control: Soils affected by the proposal are Rifle.
- Stabilizing vegetation is not proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles have been proposed to be fitted with sediment-trapping measures to prevent soil loss and do have a note to stabilize within seven (7) days of inactivity.
- Adjacent properties and stormwater ponds are protected from sediment deposition.
- Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have not been provided.
- Stormwater runoff does pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity.
- Stabilization adequate to prevent erosion has been provided at the outlets of all storm sewer pipes.
- All storm sewer inlets are protected from sediment-laden water during construction.
- All work adjacent to water or related resource has taken precautions to contain sediment, and stabilize the work area during construction.
- Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
- Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
- Construction entrance points are clearly located on the erosion and sediment control plan.
- The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
- Details not provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

Dewatering: Shallow ground water does exist on site. The project does not require dewatering.

Floodplain: There is no floodplain on the property according to the District model and FEMA.

Groundwater: Geotechnical information collected in August 2017 indicates long term groundwater elevation is present at 8 feet below the surface.

The project site is not within the Emergency Response Area/10 Year Well Head Protection Area/Drinking Water Supply Management Area.
The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA)

**Historic Sites:** The proposed project does not include sites of historic or archeological significance.

**Local Planning & Zoning:** The proposed project is consistent with local planning and zoning. There is an approved local water plan.

**Maintenance:** The owner of the Stormwater Management features and treatment practices is Owner. The Stormwater Treatment Practices (STPs) consisting of the following:

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
<th>Inspection &amp; Maintenance Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basins</td>
<td>1</td>
<td>Owner</td>
</tr>
<tr>
<td>Turf</td>
<td>2</td>
<td>Owner</td>
</tr>
</tbody>
</table>

A maintenance agreement has not been executed. The applicant has not submitted a Maintenance Plan for each Stormwater Treatment Practice. The Maintenance Plan(s) is/are not consistent with District Maintenance standards for each STP.

Easements: The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required. A maintenance access to all storm water management features is provided.

**Stormwater & Hydrology:** Infiltration is allowed within the project area. The 1-inch infiltration is achieved. The stormwater management system utilizes filtration. Calculations have been provided that illustrate the 1-inch infiltration volume is achieved below outlet.

Drainage sensitive uses do not exist downstream from the proposed site. The rate of post-development runoff from the site does not exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses. Properties and waterways downstream from the project are protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water leaving a site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. All on-site constructed storm water conveyance channels are constructed to withstand the expected velocity from a 2-year frequency storm without erosion.

**Water Quality:** The proposed project does not cause an exceedance of State water quality standards. The project does not contribute to the adverse impact of wetlands through inundation or volume of flow. All discharges into wetlands/stormwater basins
are pretreated by a sediment basin/water quality pond, and are designed correctly. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. The proposal will detrimentally affect the existing water quality of the receiving water. The proposal will cause extreme fluctuations of water levels or temperature changes.

Impairments: This project is within one (1) mile of and drains to an Impaired Water. The Impaired Water is Sand Creek. Sand Creek is impaired for (Aquatic Life (Macro-invertebrates)/Aquatic Recreation (E. coli). The major stressors are Total Suspended Solids (TSS)/Total Phosphorus (TP)/E.coli. There is an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

There are new impervious surfaces proposed as part of this project.

Wetlands: Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have not been delineated.

Wetland Replacement Plan: A wetland replacement plan has not been submitted and is not required.

Wildlife: The proposed project does not include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors. The applicant has not contacted the MDNR natural heritage or endangered species program and does not need to.

If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

Performance Escrow: $2,460.00
Wetland Escrow: $ N/A
There are not ditch liens on the property.

ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (0.92 ac * $500/ac = $2,460.00</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 within 7 days of rough grading or inactivity.</td>
</tr>
<tr>
<td>Maintenance: The Owner will be responsible for the inspection and maintenance of stormwater facilities.</td>
<td>3. Provide an O&amp;M Agreement that meets District requirements.</td>
</tr>
</tbody>
</table>
maintenance agreement has not been executed. The applicant has not submitted a Maintenance Plan for each Stormwater Treatment Practice.

**RECOMMENDATION:** Approve with 3 Stipulations

**Stipulations:**
1. Receipt of escrows.
2. Update construction plans to stabilize vegetation within 7 days of rough grading or inactivity.
3. Provide an O&M Agreement that meets District requirements.
COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: July 8, 2019
AGENDA NUMBER: 
FILE NUMBER: 19-119
ITEM: Roosevelt Middle School Turn Lane Construction

RECOMMENDATION: Approve with 3 Stipulations

APPLICANT: Anoka-Hennepin School District
2727 Ferry Street North
Anoka, MN 55303

PURPOSE: New bus lane and reconfiguration of existing bus corral
34,848 SQ FT BUILDING ON 37.72 ACRE LOT

LOCATION: 650 125th Avenue NE, Blaine
APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. High infiltration soils.

EXHIBITS:

PREVIOUS ACTION TAKEN: This application was tabled at the June 24th meeting with 4 stipulations:
1. Receipt of escrows.
2. Demonstrate that at a minimum, recharge from impervious surfaces will be infiltrated.
3. Provide updated plans addressing ACHD issues.
4. Update construction plans to include:
   a. A note to stabilize vegetation within 7 days of rough grading or inactivity.
   b. Denote whether soil stockpiles are proposed. If yes, soil stockpiles need to be fitted with sediment-trapping measures to prevent soil-loss and need a note to be stabilized within 7 days of inactivity.
   c. After initial grading completely surround the proposed infiltration basins and storm sewer inlets with erosion control measures to prevent the basin from clogging.
   d. Provide construction schedules detailing when sediment trapping measures will occur and general timing of construction phases.
e. Provide provisions to minimize transport of sediment by runoff or vehicle tracking.

f. Provide provisions for cleaning road surfaces.

FINDINGS:

Pre-application Meeting: The project as submitted has not received a general review during a pre-application meeting.

Ditches: There is not a public ditch on the property.

Erosion and Sediment Control: Soils affected by the proposal are Cut and Fill, and Lino.
   • Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
   • Soil stockpiles have been proposed to be fitted with sediment-trapping measures to prevent soil loss and do have a note to stabilize within seven (7) days of inactivity.
   • Adjacent properties and stormwater ponds are protected from sediment deposition.
   • Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
   • No storm sewer outlets affected by this project.
   • All storm sewer inlets are protected from sediment-laden water during construction.
   • All work adjacent to water or related resource has taken precautions to contain sediment and stabilize the work area during construction.
   • Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
   • Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
   • Construction entrance points are clearly located on the erosion and sediment control plan.
   • The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
   • Details not provided for ESC (rip rap)

Dewatering: Shallow ground water may exist on site. The project does not anticipate dewatering.

Floodplain: There is no floodplain on the property according to the District model and FEMA.

High Water Flooding: No new structures proposed.
**Groundwater:** No geotechnical information is provided and is not required.

The project site is not within the Emergency Response Area/10 Year Well Head Protection Area/Drinking Water Supply Management Area.

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

**Historic Sites:** The proposed project does not include sites of historic or archeological significance.

**Local Planning & Zoning:** The proposed project is consistent with local planning and zoning. Anoka County Highway Department requires plan revisions. There is an approved local water plan.

Property owners affected by changes in drainage have been notified or acknowledge the changes proposed.

**Maintenance:** The owner of the Stormwater Management features and treatment practices is Anoka-Hennepin Schools. The Stormwater Treatment Practices (STPs) consisting of the following:

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
<th>Inspection &amp; Maintenance Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curb Cuts</td>
<td>2</td>
<td>Anoka-Hennepin Schools</td>
</tr>
</tbody>
</table>

A maintenance agreement has not been executed. The applicant has not submitted a Maintenance Plan for each Stormwater Treatment Practice. It is unknown if the Maintenance Plan is consistent with District Maintenance standards for each STP.

**Easements:** The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required.

**Stormwater & Hydrology:** Infiltration is allowed within the project area. The 1-inch infiltration is achieved. The stormwater management features consist of curb cuts that allow runoff from the parking lot to infiltrate in an amended soil zone.

Drainage sensitive uses do exist downstream from the proposed site. The rate of post-development runoff from the site does not exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses. Properties and waterways downstream from the project are protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water leaving the site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. All on-site constructed storm water conveyance channels are constructed to withstand the expected velocity from a 2-year frequency storm without erosion.
Water Quality: The proposed project does not cause an exceedance of State water quality standards. The project does not contribute to the adverse impact of wetlands through inundation or volume of flow. All discharges into wetlands/stormwater basins are pretreated by a sediment basin/water quality pond. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. The proposal will not detrimentally affect the existing water quality of the receiving water. The proposal will not cause extreme fluctuations of water levels or temperature changes.

Impairments: This project is within one (1) mile of and drains to an Impaired Water. The Impaired Water is Sand Creek CD 41. Sand Creek CD 41 is impaired for Aquatic Life (Macro-invertebrates) and Aquatic Recreation (E. coli). The major stressors are Total Suspended Solids (TSS), Total Phosphorus (TP), and E.coli. There is an EPA approved Total Maximum Daily Load (TMDL) and Waste Load Allocation (WLA) for this water.

There is a net decrease in impervious surfaces proposed as part of this project.

Wetlands: Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have not been delineated.

Wetland Replacement Plan: A wetland replacement plan has not been submitted and is not required.

Wildlife: The proposed project does not include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors. The applicant has not contacted the MDNR natural heritage or endangered species program and is not required.

If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

Performance Escrow: $2,400.00 [$2,000 + (0.80 ac * $500/ac) = $2,400.00] Received #4122

Wildlife Escrow: $ N/A

There are not ditch liens on the property.

ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils &amp; Erosion Control: Rock construction entrance is called out on C1.3 but not shown.</td>
<td>1. Provide rock construction entrance symbology on plans and details.</td>
</tr>
<tr>
<td></td>
<td>2. Provide perimeter control on all down gradient areas with exposed soils. Clarify erosion and sediment control in the amended soils area.</td>
</tr>
</tbody>
</table>
Maintenance: The applicant has not submitted a Maintenance Plan for each Stormwater Treatment Practice.

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

RECOMMENDATION: Approve with 3 Stipulations

Stipulations:
1. Provide rock construction entrance symbology on plans and details.
2. Provide perimeter control on all down gradient areas with exposed soils. Clarify erosion and sediment control in the amended soils area.
3. Provide an O&M Agreement that meets District requirements.
COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: 7/1/2019
AGENDA NUMBER: 
FILE NUMBER: 19-129
ITEM: Voss-Newman

RECOMMENDATION: Table with 6 Stipulations

APPLICANT: Kay Voss
10820 Mississippi Blvd NW
Coon Rapids, MN 55433

PURPOSE: Remove and replace existing timber wall with boulder and riprap and dispose of failing walls
1.2 ACRE LOT

LOCATION: 10820 Mississippi Blvd NW
Coon Rapids, MN 55433
**APPLICABILITY:**
1. Within 1 mile of an impaired waters.
2. Any work in or adjacent to wetlands, lakes or water courses
3. The lands and waters that have been, or may be covered by the regional flood.
4. High water table, outwash and organic soils
5. High infiltration soils
6. Highly erodible soils
7. Excavation or filling or a combination of excavation and filling of sand or other excavation or fill material including the laying, repairing, replacing or enlarging of a culvert or an underground pipe or facility where it crosses a public ditch or waters of the state.
8. Endangered, Threatened or Special concern species, elements or communities

**EXHIBITS:**
1. Landscape plan (1 sheets); by Two Designs, dated 6/24/2019, received 6/24/2019.

**PREVIOUS ACTION TAKEN:** This is a new application.

**FINDINGS:**
**Pre-application Meeting:** The project as submitted has received a general review during a pre-application meeting.
**Ditches:** There is not a public ditch on the property.

**Ditch Hydraulics:** A crossing of the ditch is not proposed.

**Erosion and Sediment Control:** Soils affected by the proposal are Langola.
- Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles have been proposed to be fitted with sediment-trapping measures to prevent soil loss and do have a note to stabilize within seven (7) days of inactivity.
- Adjacent properties and stormwater ponds are not protected from sediment deposition. Double row of perimeter control at waterbodies/creeks/wetlands
- Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
- Stormwater runoff does not pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity. (Only applies if project is > 5 acres).
- Stabilization adequate to prevent erosion has not been provided at the outlets of all storm sewer pipes. Check outlets into stormwater practices. Into CD.
- All storm sewer inlets are not protected from sediment-laden water during construction.
- All work adjacent to water or related resource has not taken precautions to contain sediment, and stabilize the work area during construction.
- Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
- Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
- Construction entrance points are clearly located on the erosion and sediment control plan.
- The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
- Details not provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

**Dewatering:** Shallow ground water does not exist on site. The project does not require dewatering.

**Floodplain:** There is floodplain on the property according to FEMA. The FEMA floodplain elevation is approximately 838.5 feet. The project does propose to place fill within the floodplain. The total floodplain impact is 123 Cubic Yards. The proposed impact is within the floodway. One hundred seven (107) Cubic Yards of compensatory storage is provided for a net floodway fill of 16 cubic yards. There are no flooding concerns upstream or downstream.
Groundwater: No geotechnical information is provided.

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

Historic Sites: The proposed project does not include sites of historic or archeological significance.

Local Planning & Zoning: The proposed project is not consistent with local planning and zoning. There is an approved local water plan.

Maintenance: The owner of the Stormwater Management features and treatment practices is the property owner. There are no Stormwater Treatment Practices (STPs) proposed.

Stormwater & Hydrology: Infiltration is not applicable for the project.

Drainage sensitive uses do not exist downstream from the proposed site. The rate of post-development runoff from the site does not exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses. Properties and waterways downstream from the project are not protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water leaving a site is not discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. All on-site constructed storm water conveyance channels are not constructed to withstand the expected velocity from a 2-year frequency storm without erosion.

Water Quality: The proposed project does not cause an exceedance of State water quality standards. The project does not contribute to the adverse impact of wetlands through inundation or volume of flow.

Impairments: This project is within one (1) mile of and drains to an Impaired Water. The Impaired Water is the Mississippi River. Mississippi River is impaired for Aquatic Recreation, Aquatic Life and Aquatic Consumption. The major stressors are fecal coliform, nutrients, PCB-F, and Mercury. There is an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for mercury for this water.

There are no new impervious surfaces proposed as part of this project.

Wetlands: Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have not been delineated.

Wetland Replacement Plan: A wetland replacement plan has not been submitted and is not required.
Wildlife: The proposed project does not include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors. The applicant has not contacted the MDNR natural heritage or endangered species program and does not need to.

If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

Performance Escrow: $2,125.00
Wetland Escrow: $ N/A
There are ditch liens on the property.

**ISSUES/CONCERNS:**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Escrows: $2,000 + (0.25 ac * $500/ac = $2,125.00)</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control: District requires double row of perimeter control at waterbodies, creeks, wetlands. District requires all work adjacent to water or related resource to be taken precautions to contain sediment, and stabilize the work area during construction Details of rip rap has not been provided in the landscape plan.</td>
<td>2. Update construction plans to add additional row of silt fence at waterbody. 3. Provide floating silt curtain at the edge of water. 4. Provide rip rap details.</td>
</tr>
<tr>
<td>Floodplain: The FEMA flood plain on the site is approximately 838.5. The plans do not provide adequate details to confirm the floodplain and floodway impacts. The proposed project includes fill in the floodway.</td>
<td>5. Provide a topographic plan with detail showing the existing wall, proposed rip rap toe of slope and top of slope, and existing and proposed contours. Provide floodplain fill calculations based on flood plain elevation 838.5. 6. Provide a no rise determination for the floodway fill or consider revising the site grading so that there is no floodway fill.</td>
</tr>
</tbody>
</table>

**RECOMMENDATION** Table with 6 Stipulations

**Stipulations:**
1. Receipt of escrows.
2. Update construction plans to add additional row of silt fence at waterbody.
3. Provide floating silt curtain at the edge of water.
4. Provide rip rap details.
5. Provide a topographic plan with detail showing the existing wall, proposed rip rap toe of slope and top of slope, and existing and proposed contours. Provide floodplain fill calculations based on flood plain elevation 838.5.
6. Provide a no rise determination for the floodway fill or consider revising the site grading so that there is no floodway fill.
COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: July 8, 2019
AGENDA NUMBER: 19-071
FILE NUMBER: 19-071
ITEM: 155th Avenue Reconstruction

RECOMMENDATION: Table with 6 Stipulations

APPLICANT: City of Ham Lake
15544 Central Ave NE
Ham Lake, MN 55304

PURPOSE: Upgrade approximately 7,995 feet of 155th Avenue in Ham Lake to a 24-foot wide, 4-foot gravel shoulders

LOCATION: 155th Avenue from Naples Street to Lexington Avenue

APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. Any work within or adjacent to a Public ditch within the Watershed District.
3. Any work in or adjacent to wetlands, lakes or water courses
4. One or more cumulative acres of land disturbance
5. The lands and waters that have been or may be covered by the regional flood.
6. Activities upstream from land that is dependent upon removal of water from the soil profile for their continued use (Drainage Sensitive Land Uses)
7. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
1. Construction Plan set (54 sheets); by RFC Engineering, 1/22/19, received 6/26/19.
2. Stormwater Management Plan; by RFC Engineering, dated 6/26/19, received 6/26/19
3. Existing Drainage Map; by RFC Engineering, dated 4/10/19, received 6/26/19.
4. Proposed Drainage Map; by RFC Engineering, dated 4/10/19, received 6/26/19.
5. Existing HydroCAD Report; by RFC Engineering, dated 6/26/19, received 6/26/19.
8. Natural Heritage Review; by Minnesota DNR, dated 4/24/19, received 6/26/19.
9. MN DNR guidelines for preventing entanglement by Erosion Control Blanket and for protection of Blanding’s Turtles received 6/26/19.
10. Letter from RFC Engineering per the June 24, 2019 comments; received 6/26/19.
PREVIOUS ACTION TAKEN: This application was initially submitted on April 10, 2019. The application was determined to be incomplete with 12 items:
1. Receipt of escrows.
2. Provide the size of the graded area for escrow calculation.
3. The applicant must infiltrate the first 1-inch of precipitation off the newly constructed impervious gravel shoulder. The applicant must treat runoff generated by the reconstructed roadway to the maximum extent practicable. If applicants cannot meet the volume management requirement due to site constraints in its
entirety, they must meet it to the greatest extent practical and explain why it cannot be met.
4. Provide calculations that illustrate 1-inch infiltration volume requirement is met.
5. Provide updated stormwater management plan that demonstrates how stormwater requirements are met. Include rate control table.
6. Provide Erosion Control Plan that meets District Requirements. Clearly show the location of ESC items on plans:
   a. Show single row of perimeter control around adjacent properties
   b. Show double row of perimeter control adjacent to wetlands and waterbodies.
   c. Show stabilization adequate to prevent erosion at the outlets of all storm sewer pipes.
   d. Show inlet protection for all inlets within construction site.
   e. Take precautions to contain sediment and stabilize work area adjacent to all water resources during construction.
   f. Clearly show construction entrance points on plans.
7. 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.
8. Provide detail and calculations showing that the stormwater management feature is sized to treat the maximum extent practicable.
9. Include floodplain elevation and existing contours on the Construction Plans. Project area at CD 44-9 has a BFE of 896.7 on the north and 895.5 on the south. Project area from Quincy St NE to Naples has a BFE of 895.8 on the north and 893 on the south. If fill is placed within floodplain provide floodplain fill/compensatory storage calculations.
10. Qualification for the LGRWRP must be obtained or provide a standard wetland replacement plan.
11. Provide proof of purchase for wetland credits.
12. 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.

FINDINGS:
Pre-application Meeting: The project as submitted has not received a general review during a pre-application meeting.

Ditches: There is a public ditch on the property. The public ditch is County Ditch 44-9 according to the public drainage map. The east part of the project discharges to County Ditch 44-9. There are also roadside ditches that are tributary to County Ditch 11. The west part of the project discharges to the roadside ditches that are tributary to County Ditch 11. The approved/as-built elevations through this property are 899.60 ft MSL at the downstream end and 899.63 ft MSL at the upstream end.
The ditch is a 2nd order stream. The ditch serves the primary role of
   a. Storm water conveyance

The ditch serves approximately 375 acres of agricultural land.
Land use in the area is toward Residential/Agricultural.
There are flooding concerns upstream and/or downstream.

The ditch has been inspected.
Existing elevations, slopes and condition of ditch are good.
The ditch is not in need of repair.

No ditch modifications are proposed.

Ditch Hydraulics: New or replacement of existing ditch crossing is not proposed.

Erosion and Sediment Control: Soils affected by the proposal are Markey, Lino, Isanti, Rifle and Zimmerman.
   • Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
   • Soil stockpiles have been proposed to be fitted with sediment-trapping measures to prevent soil loss and do not have a note to stabilize within seven (7) days of inactivity.
   • Adjacent properties and stormwater ponds are protected from sediment deposition. Double row of perimeter control at waterbodies/creeks/wetlands is called out in plans but cannot be seen at the scales provided.
   • Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
   • Stabilization adequate to prevent erosion has been provided at the outlets of all storm sewer pipes.
   • All storm sewer inlets are protected from sediment-laden water during construction.
   • All work adjacent to water or related resource has taken precautions to contain sediment, and stabilize the work area during construction.
   • Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
   • Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
   • Construction entrance points are not clearly located on the erosion and sediment control plan.
   • The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
   • Details provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)
Dewatering: Shallow ground water does exist on site. The project may require dewatering.

**Floodplain:** There is floodplain on the property according to the District model. District’s floodplain elevation is between 893.7 and 896.7 feet. The project does place fill within the floodplain. The total floodplain impact is 0.13 AF. Compensatory storage is not required. There are no flooding concerns upstream or downstream.

**High Water Flooding:** Information to substantiate low floor elevations is not required as no new structures are proposed as part of this project.

**Groundwater:** Geotechnical information collected in August 2017 indicates long term groundwater elevation is present at 5 to 15 feet below the top of the existing roadway.

The project site is not within the Emergency Response Area, 10 Year Well Head Protection Area, or Drinking Water Supply Management Area.

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

**Historic Sites:** The proposed project does not include sites of historic or archeological significance.

**Local Planning & Zoning:** The proposed project is consistent with local planning and zoning. There is an approved local water plan.

Property owners affected by changes in drainage have not been notified or acknowledge the changes proposed.

**Maintenance:** No Stormwater Management features are proposed as part of this project; however, new impervious is proposed in the form of 4-foot wide gravel shoulders on each side of 155th Avenue. In addition to the new impervious surfaces, 155th Avenue is reconstructed impervious surfaces. The first 1-inch of precipitation off the newly constructed impervious gravel shoulder must be treated by a Stormwater Management feature. Runoff from the reconstructed roadway must be treated to the maximum extent practicable.

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
<th>Inspection &amp; Maintenance Responsibility</th>
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<tbody>
<tr>
<td>None</td>
<td>0</td>
<td>City of Ham Lake</td>
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</table>

As a requirement of the City’s MS4 program, the city will inspect and maintain the stormwater facilities.

Easements: The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required.
Stormwater & Hydrology: Drainage boundaries cannot be clearly seen on the drainage area maps provided.

The model does not combine the flows to the ditches. All of the flows that discharge to the same location need to be combined into one common node.

Infiltration is allowed within the project area. The 1-inch infiltration is not achieved. Calculations have not been provided that illustrate the 1-inch infiltration volume is achieved below outlet. The plans propose stormwater treatment by filtration through a vegetated buffer but does not provide justification for not including infiltration for the project.

A HydroCAD model was provided to demonstrate runoff for a 1-inch rainfall event and compare the runoff for existing versus proposed conditions. The HydroCAD model uses separate runoff for each curve number. The preferred method to calculate runoff from a 1-inch rainfall event is impervious area times rainfall total.

Drainage sensitive uses do exist downstream from the proposed site. The rate of post-development runoff from the site does exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses. Properties and waterways downstream from the project are not protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water is discharged into a well-defined natural or man-made off-site receiving channel or pipe. All on-site constructed storm water conveyance channels are constructed to withstand the expected velocity from a 2-year frequency storm without erosion.

Water Quality: The proposed project may cause an exceedance of State water quality standards. The project may contribute to the adverse impact of wetlands through inundation or volume of flow. All discharges into wetlands and County Ditch 44-9 are not pretreated by a sediment basin/water quality pond. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. The proposal may detrimentally affect the existing water quality of the receiving water. The proposal will not cause extreme fluctuations of water levels or temperature changes.

Impairments: This project is within one (1) mile of and drains to an Impaired Water. The Impaired Water is Coon Creek. Coon Creek is impaired for Aquatic Life (Macro-invertebrates) and Aquatic Recreation (E. coli). The major stressors are Total Suspended Solids (TSS), Total Phosphorus (TP), and E.coli. There is an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

There are new impervious surfaces proposed as part of this project.

Wetlands: Wetlands do exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have been delineated. The most recent delineation was approved on 10/20/17. The wetland boundary has been checked.
The total proposed wetland impact is 0.06 acres. The impact is through fill in 5 locations as shown below:
Exemptions do not apply to road projects. TEP members have been notified with a complete plan and have been requested to submit comments.

The project is not wetland dependent.

The project is not exempt.

The applicant does need to contact the Corps of Engineers.

Two alternatives, plus the proposed project, have been submitted. On-site sequencing does not apply. The avoidance alternatives are considered good faith efforts. None of the avoidance alternatives are considered feasible and prudent.

1. The applicant suggests that avoidance is not reasonable because there is no alternative. No alternative exists because:
   1) The basic purpose of the project cannot reasonably be accomplished at an alternative site, alternative sites are not available, alternative sites are not practical/prudent;
   2) The basic purpose of the project can be accomplished by further design modification which would avoid wetland impacts
   3) The applicant has demonstrated that the activity will minimize wetland impacts through:
      a. modifying the size, scope, configuration, and density of the project,
      b. otherwise minimize wetland impacts.
**Wetland Replacement Plan:** A wetland replacement plan has not been submitted and is not required.

**Wildlife:** The proposed project does potentially include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors. The natural heritage review provided by MN DNR indicates that Blanding’s Turtles have been reported from the vicinity of the project site and may be encountered on the site.

The SWPPP in the plans provides notes to comply with DNR standards for protection of Blanding’s Turtles.

**Performance Escrow:** $5,820
**Wetland Escrow:** $ N/A
There are not ditch liens on the property.

**ISSUES/CONCERNS:**

<table>
<thead>
<tr>
<th>ISSUE</th>
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<tbody>
<tr>
<td>Escrows: $2,000 + (7.64 ac * $500/ac = $5,820</td>
<td>1. Receipt of escrows.</td>
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</tbody>
</table>
| **Stormwater & Hydraulics:** Proposed discharge rates exceed existing rates for all rainfall events and there are HydroCAD modeling errors that affect the model results. Rate control is not met. Drainage sensitive uses exist downstream. It is unclear if the requirements are met due to modeling errors. | 2. Drainage and HydroCAD:  
   a. The ponds in the model need to be routed to an outlet or overflow and downstream location.  
   b. Fix HydroCAD errors or provide justification of why the errors do not affect the model results. Several of the errors may be fixed by properly routing the ponds.  
   c. Use the following infiltration rates:  
      i. Areas less than 3 feet above water table: 0.06 in/hr  
      ii. Isanti Fine sandy Loam: 0.6 in/hr  
      iii. Lino Loamy Fine Sand: 0.8 in/hr  
      iv. Markey muck: 1.63 in/hr  
      v. Marsh: 1.63 in/hr  
      vi. Rifle Mucky Peat: 1.63 in/hr |
### Water Quality:
No new stormwater treatment features are proposed, and the project proposes an increase of 4,895 square feet of impervious surfaces and 58,196 square feet of gravel shoulder. The existing ditches provide some treatment but the retention provided is not quantified.

The HydroCAD model scenario with 1” of rainfall is not fully contained on the site. Several of the basins discharge during the event and pond 10P and 27P both exceed their storage range. The applicant states that the ditch fully contains the runoff from a 1” rainfall event.

### Wetlands:
Wetland credits are not proposed to be purchased to replace the wetland impacts. Wetland impacts are proposed to be replaced through the LGRWRP.

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<table>
<thead>
<tr>
<th>RECOMMENDATION:</th>
<th>Table with 6 Stipulations</th>
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<tbody>
<tr>
<td>Stipulations:</td>
<td></td>
</tr>
<tr>
<td>1. Receipt of escrows.</td>
<td></td>
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<td>2. Drainage and HydroCAD:</td>
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<td>a. The ponds in the model need to be routed to an outlet or overflow and downstream location.</td>
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c. Use the following infiltration rates:
   i. Areas less than 3 feet above water table: 0.06 in/hr
   ii. Isanti Fine sandy Loam: 0.6 in/hr
   iii. Lino Loamy Fine Sand: 0.8 in/hr
   iv. Markey muck: 1.63 in/hr
   v. Marsh: 1.63 in/hr
   vi. Rifle Mucky Peat: 1.63 in/hr
   vii. Zimmerman Fine Sand: 0.8 in/hr

3. Clarify the modeling errors and if needed after modeling is corrected, provide rate control to meet the drainage sensitive uses requirements.

4. The applicant must make a good faith effort to provide stormwater treatment or provide a valid reason why the treatment goals cannot be met. Treatment may be achieved by ditch checks, sediment basins prior to discharge to the public ditch system, filtration basins, infiltration basins, or other permanent BMPs.

5. Provide a summary of the volumes and treatment provided for each of the ponds in the ditch as modeled. Tabulate the runoff area, impervious area, and volume for a 1” event for the area draining to that part of the ditch. Tabulate the total storage volume provided below the outlet (i.e., culvert or overflow), infiltration rate, and time for the basin to completely infiltrate.

6. Provide proof of wetland credits withdrawal by the LGRWRP.
COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: July 8, 2019
AGENDA NUMBER: 21
ITEM: Preliminary Rough Draft 2020 Budget

AGENDA: Discussion

ACTION REQUESTED
Review and discuss

BACKGROUND
The Coon Creek Watershed District is required to develop and adopt an annual budget for
the successive year by September 15 of each year.

The Coon Creek Watershed District is a governmental subdivision of the State of
Minnesota. The watershed district is a special taxing district created and authorized
under Minnesota statutes, Chapter 103D on May 28, 1959.

District Mission
To manage ground water and the surface water drainage system,

Mission Intent
To prevent property damage, maintain hydrologic balance and to protect water
quality for the safety and enjoyment of citizens and the preservation and
enhancement of wildlife habitat.

Goals
Mission Goals
1. To prevent property damage from flooding, erosion or degraded water quality
2. To ensure balance between inflow, outflow and storage of water
3. To protect and enhance water quality
4. To provide for multiple beneficial uses including the safety and enjoyment by the
   watershed’s residents
5. To preserve and enhance wildlife

Issue Goals
6. To minimize the harmful ecological, economic and human health impacts of
   aquatic invasive species (AIS).
7. To gather and disseminate weather data and climatic information, and provide
   meteorological expertise in support of Watershed water and related resource
   management decisions and weather related management activities.
8. To manage groundwater dependent ecosystems under the principles of multiple
   use and sustainability, while emphasizing protection and improvement of soil,
water and vegetation, particularly because of effects upon aquatic and wildlife resources.

Management Priorities
1. Prevent flooding
2. Improve water quality in impaired or impacted waters
3. Maintain and enhance water quality in waters that are not impaired.
BUDGET SUMMARY

The preliminary rough draft 2020 budget is $3,708,399. This preliminary rough draft is for discussion purposes only. The budget, at this point, is a -13% decrease from 2019. The property tax levy, for budget discussion purposes only, is $2.5 million dollars. This is a 4% increase over 2019.

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Property Tax</td>
<td>3,014,119</td>
<td>3,014,449</td>
<td>2,405,941</td>
<td>2,478,119</td>
<td>2,478,119</td>
<td>-</td>
<td>2,577,244</td>
</tr>
<tr>
<td>Fees &amp; Charges</td>
<td>129,860</td>
<td>323,140</td>
<td>214,600</td>
<td>231,030</td>
<td>214,124</td>
<td>240,271</td>
<td>(29,562)</td>
</tr>
<tr>
<td>Grants</td>
<td>52,002</td>
<td>126,223</td>
<td>469,099</td>
<td>1,256,728</td>
<td>976,620</td>
<td>714,551</td>
<td>180,882</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>13,349</td>
<td>46,611</td>
<td>73,615</td>
<td>27,291</td>
<td>27,000</td>
<td>28,350</td>
<td>(3,350)</td>
</tr>
<tr>
<td>Fund Balances</td>
<td>2,062,557</td>
<td>2,273,831</td>
<td>1,040,225</td>
<td>262,849</td>
<td>262,849</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>5,271,887</td>
<td>5,784,254</td>
<td>4,203,480</td>
<td>4,256,017</td>
<td>3,958,712</td>
<td>147,970</td>
<td>3,708,386</td>
</tr>
</tbody>
</table>

Salaries & Benefits | 680,407 | 755,558 | 874,702 | 1,000,357 | 1,008,672 | 1,080,199 | 136,085 | 1,216,284 | 22%        |
Professional Services | 148,923 | 263,532 | 248,114 | 249,907 | 254,410 | 264,586 | (1,216) | 263,371 | 5%         |
Operating Expenses | 200,088 | 223,727 | 216,470 | 229,768 | 205,886 | 217,865 | (41,887) | 175,978 | -23%       |
Program Costs | 2,054,532 | 1,822,712 | 2,590,105 | 2,674,174 | 2,417,340 | 2,781,141 | (836,288) | 1,944,853 | -27%       |
Capital Costs | 134,996 | 43,750 | 84,001 | 64,492 | 26,902 | 34,250 | 63,664 | 97,914 | 52%        |

3,218,946 | 3,109,279 | 4,013,392 | 4,218,698 | 3,913,210 | 4,378,041 | (679,641) | 3,698,399 | -12%       |

CHANGES AND INITIATIVES: REVENUE

The District has used six types of revenue:
1. Property Taxes
2. Special Assessments
3. Fees and Charges
4. Interest Income
5. Grants
6. Other Revenue

The initial preliminary draft allocates those revenue sources as follows:

PRELIMINAR 2020 REVENUE BUDGET

- Property Tax: 69%
- Grants: 24%
- Fees & Charges: 6%
- Other Revenue: 1%
Property Taxes: This is a 4% increase from property taxes levied in 2019. This amount should be tax payment neutral meaning individual property tax payments should remain the same or slightly decrease.

Special Assessments: There are no special assessments proposed for 2020 and there are no projects proposed that would either qualify for special assessments or where the administrative and overhead cost associated with the special assessment process isn’t larger than the cost of the project itself.

Fees and Charges: An approximate $20,321 (-2%) decrease is forecasted for fees and charges. The reason for the decrease is a slight expected decrease in the number of projects requiring a permit, the additional time and effort to account for and repeatedly bill applicants and the limits of the current fee structure.

Interest Income: In 2020 the District expects an approximate $3,000 (-7%) decrease in interest income due to purchase of the building and the resulting decrease in fund balance earning interest.

Grants: At present the District is expecting a -$361,295 (-8%) decrease in grant revenue from 2019. However, the District has applied for a 400,000 grant from the BWSR for the Middle Sand Creek Project. The District will not know if it will be awarded the grant until fall. Therefore the revenue is not included in the budget.

CHANGES AND INITIATIVES: EXPENDITURES

The District incurs five basic types of expenditures:
1. Salaries and Benefits
2. Professional Services
3. Operating Expenses
4. Program and Project Costs
5. Capital Equipment
Salaries: A $215,927 (22%) increase is proposed. This increase is driven by the following factors
   (1) Scheduled step increases for qualifying staff.
   (2) The request for three additional positions
      a. 2 Supervisor positions
         i. Water Quality
         ii. Regulation
      b. 1 technician position
         i. Operation & Maintenance

Professional Services: A $13,464 (5%) increase is proposed.

Operating Expenses: A $-53,790 (-23%) decrease from the 2019 budget is proposed. Most of this decrease stems from less maintenance than was anticipated.

Program Costs: A $719,335 (-27%) decrease is proposed. Most of this decrease stems from a decrease in needed ditch repair.

Capital Equipment: A $39,201 (57%) increase is proposed. The largest proposed purchases are replacement of the District’s GPS unit and purchase of additional furniture to facilitate use of the Community Room/Board Room

ISSUES/CONCERNS
Preliminary Rough Draft: Budget is preliminary. Due to the July 4 holiday, staff have not reviewed this draft, so some inaccuracies or oversights may exist. The budget
presented represents the priorities and needs identified and submitted to the Administrator by District staff.

**Budget Process**
The Board has three remaining meetings scheduled to review and discuss the 2020 budget. The table below indicates the Board meeting dates and the planned Board action to have an approval budget by the mid-September deadline.

<table>
<thead>
<tr>
<th>Date</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8</td>
<td>Board Review and Discuss Preliminary Rough Draft 2020 Budget</td>
</tr>
<tr>
<td>8/12</td>
<td>Approval of Draft Budget for Advisory Committee Review</td>
</tr>
<tr>
<td>8/26</td>
<td>Approve Public Notice for Budget Hearing</td>
</tr>
<tr>
<td>9/9</td>
<td>Hearing on &amp; Adopt Budget</td>
</tr>
</tbody>
</table>

**Program Budgets:** The preliminary rough draft budget is a consolidated representation of District 2020 financial activity. Allocating these costs across District programs and activities will occur after approving the proposed consolidated budget enter rough draft form

**PRIOR DECISIONS**
5/13 Board adopted budget guidelines for developing 2020 budget

**OPTIONS**
1. Discuss and Receive preliminary budget as presented

2. Discuss and suggest changes to the budget and ask for the revised preliminary budget be brought back 7/22

3. Discuss and suggest changes to the budget and forward budget with revisions to rough draft stage for consideration at the 8/12 Board meeting.

4. Reject preliminary rough draft budget, provide specific direction to staff and direct them to return with revision 7/28

**RECOMMENDATION**
Discuss and suggest changes to the budget and forward budget with revisions to rough draft stage for consideration at the 8/12 Board meeting.
Memo

DATE: July 1, 2019

TO: MAWD Members

FROM: Sherry Davis White, Resolutions Committee Chair

RE: 2019 Request for Resolutions

It is that time of year for MAWD members to submit their policy recommendations through our resolutions process. Here are the next steps and timeline:

July / August  
Districts discuss and approve resolutions at their local board meetings

September 1  
Deadline to submit resolutions and background information documents to the MAWD office at emily@mnwatershed.org

Mid-October  
Resolutions Committee will review resolutions, garner further information when necessary, discuss and make recommendations on them to the membership

November  
Resolutions (along with committee feedback) will be emailed to each district by the end of October. Districts should discuss the resolutions at their November meetings and decide who will be voting on their behalf at the annual meeting.

Dec 5 – Dec 6  
Discussion and voting to take place at annual meeting

December / January  
Legislative Committee will meet to formulate a recommendation to the MAWD Board of Directors for the 2019 legislative platform based on existing and new resolutions

January  
MAWD Board of Directors will finalize the 2019 legislative platform

Resolutions passed by the membership at the annual meeting will remain MAWD policy for five years upon which time they will sunset.

See the enclosed lists for resolutions that are active and those that have been archived.

Tips and tricks for writing resolutions and getting them passed can be found on our website at www.mnwatershed.org/s/July17_Resolutions101.pdf

Please feel free to contact me or our Executive Director Emily Javens if you have any questions at emily@mnwatershed.org or (651) 440-9407.

THANK YOU FOR YOUR EFFORTS IN OUR POLICY DEVELOPMENT!
Background Information
2019 MAWD Resolution

Proposing District: ________________________________
Contact Name: ________________________________
Phone Number: ________________________________
Email Address: ________________________________
Resolution Title: ________________________________

Background that led to the submission of this resolution:

Ideas for how this issue could be solved:

Anticipated support or opposition from other governmental units?

This issue is of importance to (Check one)

The entire state  ______
Only our region   ______
Only our district  ______
Active MAWD Resolutions

July 1, 2019

FUNDING ISSUES

2018-02 Increase or Remove the $250k General Fund Tax Levy Limit
MAWD supports legislation to increase or remove the $250,000 general fund ad valorem tax levy limit set in MN statute 103D.905 subd. 3. If the limit is raised to a new dollar amount, MAWD supports an inflationary adjustment be added to statute.

2017-05 Increase the General Fund Levy Cap for the Middle Fork Crow River Watershed District
MAWD supports the efforts of Middle Fork Crow River Watershed District to draft and advance special legislation affecting a change in its general fund levy cap.

2017-06 Provide Stable Funding for the Flood Damage Reduction (FDR) Program
MAWD support requesting the MN Legislature to provide stable funding for the DNR FDR program. A suggested sustainable level of funding is $25 million per year for the next 10 years.

2016-03 Tax Law Treatment of Conservation Easements
MAWD pursue a legislative initiative to define “riparian buffer” for purposes of conservation easements in state tax code and to establish an administrative procedure whereby a watershed organization would certify, for purposes of section 273.117, a conservation easement or restriction as meeting the water quantity and quality purposes cited in the tax law and therefore be eligible for a reduction in estimated market value.

2015-02 Road Raises for Cities with Levees
MAWD supports the State of Minnesota providing financial support through the MN DNR Flood Damage Reduction Program to cost share with local, state, and federal road authorities to provide road raises as an additional feature of flood control levee projects.

PERMITTING ISSUES

2018-08 Reinforce Existing Rights to Maintain/Repair 103E Drainage Systems
MAWD supports legislation modeled after House File 2687 and Senate File 2419 of the ninetieth legislature (2017-2018) reinforcing that the DNR cannot restrict existing rights to maintain and repair 103E public drainage systems.

2018-04 Require Watershed District Permits for the DNR
MAWD supports an amendment to the MN Statute § 103D.315, subd. 5, to include the MN Department of Natural Resources as a state agency required to get permits from watershed districts when applicable.

2015-01 Encourage DNR to Permit Storing Water on DNR Land
MAWD should appoint a committee to in turn propose meeting with the DNR to discuss the potential for temporarily storing water on existing wetlands controlled by the DNR in the times of major flood events.

2015-05 Improvements in Process with Permitting Authorities for Water Quality Improvement Projects
MAWD call on all permitting authorities:
1. To identify all regulatory requirements and applicable standards that have been developed, formalized, and codified into applicable laws, statutes, and rules that apply to proposed water quality improvement projects within 30 days of receiving a permit application.
2. To coordinate with permit applicants on proposed water quality improvement projects as part of the technical advisory committee process
3. To consider the development of internal technical advisory/evaluation committees within each authority to review proposed water quality improvement projects
4. To allow permit applicants to address all members of each authority’s organization that are offering comments and concerns on a proposed water quality improvement project early on through the technical advisory committee process, instead of trying to go through one contact person at each authority.
WATER IMPAIRMENTS AND AQUATIC INVASIVE SPECIES

2017-02 Temporary Lake Quarantine Authorization to Control the Spread of AIS
MAWD supports legislation granting to watershed districts, independently or under DNR oversight, the authority, after public hearing and technical findings, to impose a public access quarantine, for a defined period of time in conjunction with determining and instituting an AIS management response to an infestation.

2017-04 Limited Liability for Certified Commercial Salt Applicators
MAWD supports passage and enactment of state law that provides a limited liability exemption to commercial salt applicators and property owners using salt applicators who are certified through the established salt applicator certification program who follow best management practices.

COORDINATED LOCAL AND STATE WATERSHED MANAGEMENT PLANNING

2018-06 Ensure Timely Updates to Wildlife Management Area (WMA) Plans
MAWD supports that Wildlife Management Area (WMA) operation and maintenance plans and/or management plans are either drafted or brought current in a timely fashion, with input from local governmental entities, to ensure their consideration in future One Watershed One Plan efforts.

2017-07 Creation of a Stormwater Reuse Task Force
MAWD pursue legislation requiring creation of a Stormwater Reuse Task Force with membership from Watershed Districts, Cities, Counties, State Agencies and other Stormwater Reuse implementers; and that the Stormwater Reuse Task Force should be charged with developing recommendations that further clarify and/or replace the information in the Water Reuse Report that relates to stormwater reuse best management practices.

2015-07 Review Commitment to Clean Water Council Process for Recommendations to Governor and Legislature on Spending Priorities of the Clean Water Fund
MAWD undertake a review of our commitment to the present Clean Water Council funding recommendation process and make a recommendation to the membership at our 2016 Annual Meeting on our continued participation in that process.

2015-06 Establishment of Minnesota River Basin Commission
MAWD supports the legislative establishment of a MN River Basin Commission to provide effective and efficient proactive comprehensive basin planning; administration; project development; implementation; construction and maintenance or water resource projects and programs of benefit to the MN River Basin with a focus on water quantity and water quality management.

STATE BOARD AND COUNCIL APPOINTMENTS

2018-03 Require Timely Appointments to the BWSR Board
MAWD supports legislation that requires the Governor to make BWSR board appointments within 90 days of a vacancy or board member term expiration.

2018-09 Clean Water Council Appointments
MAWD may ask the representative of the Clean Water Council to resign when they lose their direct association to a watershed district; and that MAWD will recommend to the Governor’s office that managers and/or administrators in good standing with MAWD be appointed to the Clean Water Council.

2015-08 Protect the Integrity of the Clean Water Council Appointments
MAWD pursue legislation to protect the integrity of Clean Water Council appointments by supporting legislation similar to the BWSR appointment process for local government appointments, and that any state agency influence on the appointment process for local government representatives or any other specific represented groups on the Clean Water Council not be tolerated.

WATERSHED DISTRICT OPERATIONS

2016-01 Making Human Resources Expertise Available to Districts through MAWD
MAWD research potential options of making human resources expertise available to districts and make every effort to assure districts have access to the expertise they need to effectively manage their organizations.
## Archived MAWD Resolutions - July 1, 2019

### 2013 Approved Resolutions

<table>
<thead>
<tr>
<th>Resolution Number</th>
<th>Title</th>
<th>Reason for Removal and Date of Archiving</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-01</td>
<td>Support Funding for Engineer Study on Floodwater Retention Pond for LqP YB WD</td>
<td>Expired via sunset policy</td>
</tr>
<tr>
<td>2013-02</td>
<td>WD Eligibility under COE’s Regional General Permit</td>
<td>Expired via sunset policy</td>
</tr>
<tr>
<td>2013-03</td>
<td>Restore Consistency and Predictability to WCA &amp; CWA Exempted Activities</td>
<td>Expired via sunset policy</td>
</tr>
<tr>
<td>2013-04</td>
<td>Consolidate Watershed Boundary Correction</td>
<td>Expired via sunset policy</td>
</tr>
<tr>
<td>2013-05</td>
<td>Statutory Correction on WD Funds</td>
<td>A more current resolution is on the books (2016-04)</td>
</tr>
<tr>
<td>2013-06</td>
<td>Authorize WD manager participation in electronic meetings</td>
<td>A more current resolution is on the books (2016-05)</td>
</tr>
<tr>
<td>2013-07</td>
<td>Amend Water appropriation law to remove water quality projects</td>
<td>This issue was passed in the environment bill</td>
</tr>
<tr>
<td>2013-08</td>
<td>Support Sales tax exemption for WDs</td>
<td>This issue was passed in the taxes bill</td>
</tr>
<tr>
<td>2014-01</td>
<td>Repair of Flood Damage in the Prior Lake Outlet Channel</td>
<td>This issue was passed in the bonding bill</td>
</tr>
<tr>
<td>2014-02</td>
<td>Common Carp Mangement, Research, and Removal</td>
<td>A more current resolution is on the books (2018-07)</td>
</tr>
<tr>
<td>2014-03</td>
<td>Development, Adoption and Communication of MAWD Legislative Agenda</td>
<td>Completed. (Core function of the executive director )</td>
</tr>
<tr>
<td>2014-04</td>
<td>Leasing Lands Purchased with State General Obligation Bonds</td>
<td>This passed in the bonding bill</td>
</tr>
<tr>
<td>2014-05</td>
<td>Watershed District Appointments to BWSR</td>
<td>A more current resolution is on the books (2018-03)</td>
</tr>
<tr>
<td>2015-03</td>
<td>Increase Manager’s Per Diem</td>
<td>A more current resolution is on the books (2018-01)</td>
</tr>
<tr>
<td>2015-04</td>
<td>Watershed District Input on MN DNR Buffer Protection Map</td>
<td>Completed.</td>
</tr>
<tr>
<td>2015-09</td>
<td>Proposed Changes to the 2015 Buffers Law</td>
<td>Clarifying buffer legislation was adopted</td>
</tr>
<tr>
<td>2016-02</td>
<td>Correcting Watershed-Based Wetland Conservation Act Implementation</td>
<td>This passed in environmental finance bill</td>
</tr>
<tr>
<td>2016-04</td>
<td>Amend MN Statute 103D.905 Subd. 9 to Allow a Project Tax for All Types of Grants</td>
<td>Passed 2019 Legislative Session</td>
</tr>
<tr>
<td>2016-05</td>
<td>WD Manager Meeting Participation via Electronic Means Outside WD Limits</td>
<td>Resolved via Advisory Opinion 18019</td>
</tr>
<tr>
<td>2016-06</td>
<td>Modify Levy authority for non-metro WDs/Increase levy authority</td>
<td>A more current resolution is on the books (2018-02)</td>
</tr>
<tr>
<td>2016-07</td>
<td>Appropriation for Buffer Enforcement for WD/Counties</td>
<td>This passed in the environmental finance bill</td>
</tr>
<tr>
<td>2017-01</td>
<td>State Watershed Program Coordination with Local Watershed Implementation</td>
<td>Passed 2019 Legislative Session</td>
</tr>
<tr>
<td>2017-03</td>
<td>Conservation Reserve Program (CRP) Support in the 2018 Federal Farm Bill</td>
<td>Done - Farm Bill passed</td>
</tr>
<tr>
<td>2018-01</td>
<td>Allow an Increase to Manager Compensation</td>
<td>Passed 2019 Legislative Session</td>
</tr>
<tr>
<td>2018-05</td>
<td>Adjust Watershed District Statutory Borrowing Limit</td>
<td>Resolved</td>
</tr>
<tr>
<td>2018-07</td>
<td>Remove impediments to Common Carp Removal in Lakes</td>
<td>Passed 2019 Legislative Session</td>
</tr>
</tbody>
</table>