COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: March 23, 2020
AGENDA NUMBER: 11
FILE NUMBER: 20-033
ITEM: Braastad Private Ditch Repair

RECOMMENDATION: Approve with 2 Conditions and 0 Stipulations

APPLICANT: Richard and Julie Braastad
15203 Radisson Rd NE
Ham Lake, MN 55304

PURPOSE: Private Ditch Repair

LOCATION: 15203 Radisson Rd 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. The lands and waters that have been, or may be covered by the regional flood.
4. Activities upstream from land that is dependent upon removal of water from the soil profile for their continued use (Drainage Sensitive Land Uses)
5. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
1. Application Form; by Richard Braastad, dated 2/18/2020, received 2/18/2020.

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 twenty-four (24) hours of completed work.
- Soil stockpiles have not 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 not been provided.
- Stormwater runoff does not pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity and is not required.
- 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 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 racking 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 does exist on site. The project does not require dewatering.

Floodplain: There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevation is at 893.1 feet. The project does not propose to place fill within the floodplain. The total floodplain impact is unknown.

Groundwater: Geotechnical information is not provided and is not needed.

The site is not within a Municipal Drinking Water Supply Area (DWSMA).

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 applicant has not applied to the City and does not need to.

Maintenance: There are no Stormwater Treatment Practices (STPs) for the project.

Stormwater & Hydrology: Infiltration is allowed within the project area. Stormwater requirements do not apply.

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 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 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 not been delineated. The wetland boundary has not been checked.

The wetland is not a DNR protected water.

The total proposed wetland impact is unknown square feet.

TEP members have not been notified with a complete plan and have not been requested to submit comments.

The project is not wetland dependent.

The project is exempt.

The applicant does not need to contact the DNR area hydrologist and the Corps of Engineers.

**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 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:** $2,750  
**Wetland Escrow:** $ N/A  
There are not ditch liens on the property.

**ISSUES/CONCERNS:**

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<th>ISSUE</th>
<th>NEED</th>
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<td>Escrows: $2,000 + (1.5 ac * $500/ac) = $2,750</td>
<td>1. Receipt of escrows.</td>
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| Soils & Erosion Control: Erosion Control plan not provided. It is unclear where spoil piles will be placed. | 2. Provide Erosion Control plan:  
  a. Include locations of spoil piles that minimize wetland impacts and measures for stabilization.  
  b. Include a note to temporarily or permanently stabilize any disturbed soils |
and spoil piles within 24 hours after work has temporarily or permanently ceased.
c. Measures to prevent runoff and discharges affecting the degradation of downstream water quality.
d. Provide a schedule outlining when erosion and sediment control measures will be installed, when the work will be done, and when stabilization will be implemented.
e. Include a note stating that all temporary and permanent BMPs will be repaired and maintained as necessary.
f. Clarify entrance/exit points for construction equipment.
g. Provide a note stating that streets will be swept by the end of the day if any sediment tracking from equipment onto paved surfaces has occurred.

**RECOMMENDATION:** Approve with 2 Conditions and 0 Stipulations

**Conditions:**
1. Receipt of escrows.
2. Provide Erosion Control plan.
   a. Include locations of spoil piles that minimize wetland impacts and measures for stabilization.
   b. Include a note to temporarily or permanently stabilize any disturbed soils and spoil piles within 24 hours after work has temporarily or permanently ceased.
   c. Measures to prevent runoff and discharges affecting the degradation of downstream water quality.
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g. Provide a note stating that streets will be swept by the end of the day if any sediment tracking from equipment onto paved surfaces has occurred.

**Stipulations:**