COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: May 14, 2018
AGENDA NUMBER: 12
FILE NUMBER: 18-067
ITEM: Egret Blvd Watermain Replacement

RECOMMENDATION: Approve with 1 Stipulation

APPLICANT: City of Coon Rapids
Attn: Mark Hansen
11155 Robinson Drive
Coon Rapids, MN 55433

PURPOSE: New watermain with directional bore, abandon in place old watermain

LOCATION: Egret Blvd from 99th to Mississippi Blvd NW and Eagle St, west to 116th Ave NW, Coon Rapids MN

APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
1. Construction Plan set (2 sheets); by City of Coon Rapids, dated 1/19/18, received 5/1/18.
2. Project Narrative; by City of Coon Rapids, undated, received 5/1/18.

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 a ditch is not proposed.

Erosion and Sediment Control: Soils affected by the proposal are Rifle, Seelyeville, Isanti and Nymore.

- 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 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 may exist on site. The project does not require dewatering.

Floodplain: There is not floodplain on the property for the project according to the District model and FEMA.

High Water Flooding: Information has not been provided to substantiate low floor elevations and is not needed, no structures proposed.

Groundwater: Geotechnical information has not been provided and is not needed.
The southern portion of the project site is 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:** There are no Stormwater Management features or treatment practices proposed as part of this project.

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

**Stormwater & Hydrology:** No new impervious proposed as part of the project, storm water requirements do not apply. 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. No increases in volume, velocity and peak water flow rates of storm water runoff expected. No concentrated storm water proposed as part of this project. No on-site constructed storm water conveyance channels are proposed as part of this 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 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 Lower Coon Creek. Lower Coon Creek is impaired for (Aquatic Life (Macro-invertebrates)/ Aquatic Recreation (E. coli). The major stressors are 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 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 include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors. The endangered or threatened species, rare natural community is the Blanding’s Turtle. 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:** $2,215.00  
**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 + (0.43 ac * $500/ac = $2,215.00</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

**RECOMMENDATION:** Approve with 1 Stipulation  
**Stipulations:**  
1. Receipt of escrows.