COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: April 10, 2017
AGENDA NUMBER: 12
FILE NUMBER: 17-062
ITEM: Crescent Ponds 9th - Street and Utility Construction

RECOMMENDATION: Approve with 2 Stipulations

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

PURPOSE: Street and Utility construction at Crescent Ponds 9th Addition

LOCATION: SW Corner of Main Street and University Ave in Coon Rapids, Minnesota
APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. Any work in or adjacent to wetlands, lakes or water courses

EXHIBITS:
1. Construction Plan set (4 sheets); by City of Coon Rapids, dated 3/22/17, received 3/29/17.

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 Isanti, Markey and Rondeau.
- 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.
- 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 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 exist on site. The project may require dewatering.

**Floodplain:** There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevation is at 887.1 feet. The project does not propose to place fill within the floodplain. The total floodplain impact is 0 acre-feet.

**High Water Flooding:** No buildings proposed as part of this project.

**Groundwater:** Geotechnical information was not provided and is not needed, no buildings or infiltration proposed as part of the project.

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 proposed project is consistent with local planning and zoning. There is an approved local water plan.

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

**Maintenance:** No stormwater management features or treatment practices are proposed as part of the project. However, the condition of the sedimentation basin immediately to the west of the project should be assessed.

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

**Stormwater & Hydrology:** Stormwater & Hydrology requirements met as part of the Crescent Ponds 9th Addition Permit (PAN 05-090).

**Water Quality:** Water Quality requirements met as part of the Crescent Ponds 9th Addition Permit (PAN 05-090).
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 not 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.

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

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: $2,350.00
Wetland Escrow: N/A
There are not ditch liens on the property.

ISSUES/CONCERNS:

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<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tbody>
<tr>
<td>Escrows: $2,000 + (0.70 ac * $500/ac) = $2,350.00</td>
<td>1. Receipt of escrows.</td>
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<tr>
<td>Maintenance: The condition of the sedimentation pond to the west of and serving the project has not been assessed</td>
<td>2. Assess the condition of the sedimentation basin immediately to the west of the project and perform maintenance if needed</td>
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RECOMMENDATION: Approve with 2 Stipulation

Stipulation:
1. Receipt of escrows.
2. Assess the condition of the sedimentation basin immediately to the west of the project and perform maintenance if needed