COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: November 26, 2018
AGENDA NUMBER: 9
FILE NUMBER: 18-194
ITEM: Central Maintenance Shop

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: Anoka County Parks Department
550 Bunker Lake Blvd
Andover, MN 55304

PURPOSE: Water and Sewer Connections

LOCATION: 1350 Bunker Lake Blvd, Andover, MN

APPLICABILITY:
1. Within 1 mile of an impaired waters
2. 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 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: Soil affected by the proposal is Sartell.
- 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 not been provided.
• 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. Dewatering is not anticipated for this project.

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

High Water Flooding: No structures are proposed for this project.

Groundwater: Geotechnical information collected in June 2018 indicates long term groundwater elevation is present at 12.5 to 14.5 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: No stormwater management features or treatment practices are 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: Stormwater requirements are not applicable. Project disturbs less than 1 acre. No changes to stormwater runoff are expected for this project.
Drainage sensitive uses do not exist downstream from the proposed site. The rate of post-development runoff from the site does not exceed pre-development rates, or rates which would interfere with sensitive downstream land uses. No increases in volume, velocity and peak water flow rates of stormwater runoff are expected. No concentrated stormwater is expected for 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 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 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 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 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 and received a response on 6/13/18. MDNR has responded to the applicant.

The project as presented does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species.

**Performance Escrow:** $2,240

**Wetland Escrow:** $N/A

There are not ditch liens on the property.

**ISSUES/CONCERNS:**

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<td>Escrows: $2,000 + (0.48 ac * $500/ac) = $2,240</td>
<td>1. Receipt of escrows.</td>
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**Soils & Erosion Control:**  
Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have not been provided.

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**RECOMMENDATION:** Approve with 2 Stipulations  

**Stipulations:**  
1. Receipt of escrows.  
2. Update construction plans to include construction schedules detailing when sediment trapping measures will occur.