COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: January 8, 2018
AGENDA NUMBER: 21
FILE NUMBER: 17-238
ITEM: Mississippi River Bank Restoration

RECOMMENDATION: Approve with 4 Stipulations

APPLICANT: Anoka County
Attn: Karen Blaska
2100 3rd Ave S
Andover, MN 55303

PURPOSE: Riverbank reestablishment

LOCATION: Coon Rapids Regional Dam Park, Coon Rapids, Minnesota

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. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
1. Project Photos (4 sheets); by unknown, undated, received 12/19/17.

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: Soil affected by the proposal is Becker.
- Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles are not anticipated as part of the project.
- 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 are 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 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 raking 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 does not require dewatering.
**Floodplain:** There is floodplain on the property according to FEMA. FEMA’s floodplain elevation is at 825.7 feet. The project does propose to place fill within the floodplain. The total floodplain impact is negligible. The proposed impact is within the floodway. Compensatory storage is not needed. There are no flooding concerns upstream and/or downstream.

**High Water Flooding:** No structures proposed.

**Groundwater:** Geotechnical information was not collected 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 proposed project is consistent with local planning and zoning. There is an approved local water plan.

No changes to drainage proposed.

**Maintenance:** No Stormwater Management features or treatment practices are proposed as part of the project.

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

**Stormwater & Hydrology:** Infiltration requirements do not apply to proposed 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 protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. No concentrated storm water leaving the site. No on-site constructed storm water conveyance channels 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 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 mercury and Aquatic Life (Macro-invertebrates). The major stressors are mercury and PCBD. 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 not been delineated however impacts likely meet the de minimus. The wetland is a DNR protected water. The applicant should contact the DNR area hydrologist and the Corps of Engineers.

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 Black Sandshell. The applicant has should contact the MDNR natural heritage or endangered species program. 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 will occur.

Performance Escrow: $2,005.00
Wetland Escrow: $ N/A
There are not ditch liens on the property.

ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tbody>
<tr>
<td>Escrows: $2,000 + (0.01 ac * $500/ac) = $2,005.00</td>
<td>1. Receipt of escrows.</td>
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<tr>
<td>Stormwater &amp; Hydraulics: Project location is along Mississippi River.</td>
<td>2. Applicant should contact the MnDNR and ensure all work below OHWL meets MnDNR requirements for shoreline work.</td>
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<tr>
<td>Wetlands: Work within watercourse.</td>
<td>3. Applicant should contact the Army Corps of Engineers ensure work complies with their regulations.</td>
</tr>
<tr>
<td>Wildlife: The proposed project may include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer</td>
<td>4. Provide documentation from the DNR if the proposed project includes endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration</td>
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wintering areas or wildlife travel corridors.

areas, deer wintering areas or wildlife travel corridors

**RECOMMENDATION:** Approve with 4 Stipulations

**Stipulations:**

1. Receipt of escrows.
2. Ensure all work below OHWL meets MnDNR requirements for shoreline work.
3. Applicant should contact the Army Corps of Engineers to ensure work complies with their regulations.
4. 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.