COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: January 23, 2017
AGENDA NUMBER: 11
FILE NUMBER: 17-017
ITEM: Anoka Ramsey Community College Outfall Repair & Bank Stabilization

RECOMMENDATION: Table with 3 Stipulations

APPLICANT: Anoka Ramsey Community College
11200 Mississippi Blvd NW
Coon Rapids MN 55433

PURPOSE: Outfall Repair and Bank Stabilization

LOCATION: 11200 Mississippi Blvd NW in Coon Rapids, Minnesota
APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses
2. The lands and waters that have been, or may be covered by the regional flood
3. High Infiltration Soils
4. Highly erodible soils
5. Excavation of filling or a combination of excavation and filling of sand or other excavation or fill material including the laying, repairing, replacing or enlarging of a culvert or an underground pipe or facility where it crosses a public ditch or waters of the state.

EXHIBITS:
1. Memo by Rebecca Carlson, Wenck, dated 1/10/17, received 1/11/17.
2. Grading Plans by Wenck, dated March 2016, received 1/11/17

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. The project is adjacent and within the Mississippi River. The Mississippi River is a state protected water. The project
proposes to place material below the Ordinary High Water Level (OHWL). The applicant has not contacted the DNR.

**Erosion and Sediment Control:** Soil affected by the proposal is Kingsley fine sandy loam.

- Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles are 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 have been provided.
- Stormwater runoff does pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity.
- No storm sewer pipes are associated with the project.
- 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:** Dewatering is not anticipated.

**Floodplain:** There is floodplain on the property according to the District model and FEMA. The project does propose to place fill within the floodplain. However, the fill is to restore the eroded bank. There are no flooding concerns upstream and/or downstream.

**High Water Flooding:** Information to substantiate low floor elevations is not needed.

**Groundwater:** Geotechnical information was provided.

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

**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:** Stormwater Management features are the outfall repair.

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

**Stormwater & Hydrology:** Infiltration is not required for this project area. Stormwater leaving the site is discharged into a well-defined receiving channel or pipe and routed to the Mississippi River.

Drainage sensitive uses do not exist downstream from the proposed site. The project will repair the outfalls on-site constructed for the storm water conveyance 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 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 discharges into wetlands are pretreated by 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 and drains to an Impaired Water. The Mississippi River is impaired.

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. The endangered or threatened species is the Black Sandshell (*Ligumia recta*)

The applicant has not contacted the MDNR natural heritage or endangered species program.
It is unknown if the project is present, if the project will propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

**Performance Escrow:** $2,200.00  
**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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<tr>
<td><strong>Escrows:</strong> $2,000 + (.40 ac * $500/ac) = $2,200.00</td>
<td>1. Receipt of escrows.</td>
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<td><strong>Ditches:</strong> The project proposes to place material below the Ordinary High Water Level (OHWL).</td>
<td>2. Provide the District with documentation from the DNR that the project has been approved for work below the Ordinary High Water Level of the Mississippi River.</td>
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<td><strong>Wildlife:</strong> The applicant must contact the MDNR natural heritage or endangered species program.</td>
<td>3. Provide the District with documentation from the DNR that the project will not propose substantial adverse alteration or significant detrimental impact to the Black Sandshell (<em>Ligumia recta</em>).</td>
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**RECOMMENDATION:** Table with 3 Stipulations  
**Stipulations:**  
1. Receipt of escrows.  
2. Provide the District with documentation from the DNR that the project will not propose substantial adverse alteration or significant detrimental impact to the Black Sandshell (*Ligumia recta*).  
3. Provide the District with documentation from the DNR that the project has been approved for work below the Ordinary High Water Level of the Mississippi River.