COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: November 10, 2014
AGENDA NUMBER: 12
FILE NUMBER: 14-122
ITEM: Mississippi Blvd Neighbors Shoreline Stabilization

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: NEC, Natural Environments
1710 Douglas Dr.
Golden Valley, MN 55422

PURPOSE: Shoreline stabilization along the Mississippi River by removing existing timber sea wall and replacing with rip rap

LOCATION: Mississippi River Blvd and Direct River Drive NW, Coon Rapids
APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses.

EXHIBITS:
1. Shoreline Stabilization Plan Set by NEC, Dated 10/8/2014, Received 10/13/2014

HISTORY & CONSIDERATIONS:
There is currently an existing timber sea wall along the Mississippi River bank that will be removed and replaced with rip rap to control issues of sloughing and undercutting.

FINDINGS:
Ditches and Drainage: There is not a public ditch on the property.

Floodplain: There is floodplain on the property according to FEMA. The District Atlas 14 model predicts the 100-year elevation for the subwatershed at 837.5 feet. Compensatory storage is not needed for this project.

Groundwater: Groundwater information is not provided and not needed.

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: The proposed project does not include a ditch maintenance easement or utility line crossings and is not needed.

Soils & Erosion Control: Soils affected by the proposal is Langola. Stabilizing vegetation is not proposed for disturbed areas within two weeks of rough grading. Adjacent properties are protected from sediment deposition. All wetlands, waterbodies, ponds, infiltration basins and water conveyance systems are protected from erosion and sedimentation. Project site is not greater than 1 acre; an NPDES permit is not required.

Stormwater & Hydraulics: The applicant does not need to meet volume or rate control requirements for shoreline stabilization project.

Water Quality: Project does not include new impervious drainage areas greater than 1 acre. 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.

Wetlands: Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey.
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: $5,750.00

ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>Soils &amp; Erosion Control: A note on the grading and erosion control plan that states that stabilizing vegetation shall be applied to rough graded areas within 14 days could not be found.</th>
<th>1. Provide a note on the grading and erosion control plan that stabilizing vegetation will be provided within 7 days of rough grading.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (7.5 ac * $500/ac) = $5,750.00</td>
<td>2. Receipt of escrows.</td>
</tr>
</tbody>
</table>

RECOMMENDATION: Approve with 2 Stipulations

Stipulations:
1. Receipt of escrows.
2. Provide a note on the grading and erosion control plan that stabilizing vegetation will be provided within 7 days of rough grading.