COON CREEK WATERSHED DISTRICT  
PERMIT REVIEW

MEETING DATE: November 9, 2015  
AGENDA NUMBER: 11  
FILE NUMBER: 15 - 140  
ITEM: Chehrzad Shakiban/Peter Olver

RECOMMENDATION: Approve with 5 Stipulations

APPLICANT: Chehrzad Shakiban and Peter Olver (Residents)  
10430 Mississippi Blvd NW  
Coon Rapids MN 55433-4523

PURPOSE: Rip rap and retaining wall at Mississippi River shoreline

LOCATION: 10430 Mississippi Blvd NW, Coon Rapids
APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses.
2. The lands and water that have been, or may be covered by the regional flood.

EXHIBITS:
2. Plan drawing by unknown, undated, received 10/23/2015.

HISTORY & CONSIDERATIONS:
This item has not been before the CCWD Board.

FINDINGS:
Ditches and Drainage: There is not a public ditch on the property. The project site is tributary to the Mississippi River.

Floodplain: There is floodplain on the property according to FEMA at 836.0 feet. There is floodplain fill proposed but the volume is inconsequential to the total volume of the Mississippi River floodplain. Compensatory storage is not needed.

Groundwater: Surficial ground water is present at unknown feet. The site does not include groundwater sensitive areas. No buildings or infiltration proposed for project, groundwater information is 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. No changes in drainage are proposed, property owners do not need to be notified.

Soils & Erosion Control: Soils affected by the proposal are Langola and Duelm. Stabilizing vegetation is not proposed for disturbed areas within two weeks of rough grading. Adjacent properties are not 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 a riprap/retaining wall project on the Mississippi River shoreline.
**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:** $2,002.50

**ISSUES/CONCERNS:**

<table>
<thead>
<tr>
<th><strong>Soils &amp; Erosion Control:</strong></th>
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<tbody>
<tr>
<td>Using aerial photo and parcel boundary (available on Anoka County GIS interactive map, <a href="http://gis.anokacountymn.gov/acwr/">http://gis.anokacountymn.gov/acwr/</a>) :</td>
</tr>
<tr>
<td>a. show construction access location with dimensions</td>
</tr>
<tr>
<td>b. provide silt fence along construction access to prevent sedimentation of adjacent property</td>
</tr>
<tr>
<td>1. Provide location and dimensions of construction access on aerial photo with parcel boundaries shown. If access is on adjacent property, provide written permission from adjacent property owner. Aerial photo with parcel boundaries can be obtained from the Anoka County interactive GIS website; <a href="http://gis.anokacountymn.gov/acwr/">http://gis.anokacountymn.gov/acwr/</a></td>
</tr>
<tr>
<td>2. Provide silt fence along construction access to prevent sedimentation of adjacent property.</td>
</tr>
</tbody>
</table>

| Stabilizing vegetation is not proposed within 7 days of rough grading or inactivity |
| 3. Provide note on plan that stabilizing vegetation with MNDOT approved seed mix will take place within 7 days of inactivity or rough grading. |

| DNR approved riprap and construction details must be used for shoreline stabilization projects. |
| 4. Proposed riprap and construction details must meet DNR requirements for bank stabilizing projects. |

| Escrows: $2,000 + (0.01 ac * $500/ac) = $2,002.50 |
| 5. Receipt of escrows. |
RECOMMENDATION: Approve with 5 Stipulations

Stipulations:
1. Receipt of escrows.
2. Provide location and dimensions of construction access on aerial photo with parcel boundaries shown. If access is on adjacent property, provide written permission from adjacent property owner. Aerial photo with parcel boundaries can be obtained from the Anoka County interactive GIS website; http://gis.anokacountymn.gov/acwr/.
3. Provide silt fence along construction access to prevent sedimentation of adjacent property.
4. Provide note on plan that stabilizing vegetation with MNDOT approved seed mix will take place within 7 days of inactivity or rough grading.
5. Proposed riprap and construction details must meet DNR requirements for bank stabilizing projects.