COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: March 11, 2013
AGENDA NUMBER: 12
FILE NUMBER: 13 - 014
ITEM: Coon Rapids Dam Regional Park Roadway and Parking Lots

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: Anoka County Parks and Recreation

PURPOSE: Improvements to the Coon Rapids Dam Regional Park Roadway and Parking Lots

LOCATION: Egret Boulevard Northwest, Coon Rapids, MN 55433
APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses.
2. One or more cumulative acres of land disturbance.
3. The lands and water 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

EXHIBITS:
2. Plan Set by Anoka County Parks and Recreation Department, dated 3/12/2013, received 2/27/2013

HISTORY & CONSIDERATIONS: This project has not been reviewed by the board. The applicant is decreasing the amount of impervious surface on the site.

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

Floodplain: There is floodplain on the property according to FEMA. The FEMA flood elevations in this area are between 886 and 887. The Subwatershed in the District model is 5401, which is a boundary condition node, and thus there is not a District model 100-year elevation to report. The total floodplain impact is 0 acre-feet, within the flood/fringeway as the impervious surfaces will decrease as a result of the project. Compensatory storage is not needed.

Groundwater: Ground water is present at depths between 4 feet and 14.5ft. There are no groundwater sensitive areas. No low floors are proposed.

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:** A drainage and utility easement is provided for the storm water/infiltration basins shown on the drainage plan along with pretreatment from grassy swales and Rain Guardian Turrets.

**Soils & Erosion Control:** Soils affected by the proposal are HdD Hayden, Af Alluvial Land, HuB Hubbard, and DnB Dickman. Stabilizing vegetation is proposed for disturbed areas within seven days of rough grading. Adjacent properties are protected from sediment deposition through the use of silt fencing, and vehicle tracking pads (rock entrances). All wetlands, waterbodies, ponds, infiltration basins and water conveyance systems are protected from erosion and sedimentation. Project site is greater than 1 acre; an NPDES permit is required.

**Stormwater & Hydraulics:** The applicant is meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation. Stormwater leaving the site is discharged into a well defined receiving channel or pipe and routed to a public drainage system. The rate of post development runoff from the site is less than predevelopment rates.

**Water Quality:** Project does not include new impervious drainage areas greater than 1 acre. The project results in a net loss of impervious drainage areas from 9.3 acres to 8.0 acres of impervious surface on the 76 acres of the park where the proposed project is located. 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.

**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. No substantial adverse alteration or significant detrimental impact on a species food supply, security or reproductive cycle or the alteration or removal of a plant species will occur.

**Wetlands:** Wetlands do not exist on-site according to the NWI, Soil Survey. Staff has visited the site. The wetland boundary has been approved.

The Project proposes no wetland impacts.

**Escrows:** Escrows have not been paid.  
**Performance Escrow:** $1500 + (17 acre *200/acre) = $4,900.00

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<th>ISSUES/CONCERNS</th>
<th>Needs</th>
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<tr>
<td><strong>Escrows:</strong> Escrows have not been paid.</td>
<td><strong>Performance Escrow:</strong> $1500 + (17 acre *200/acre) = $4,900.00</td>
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<tr>
<td><strong>Stormwater &amp; Hydraulics:</strong></td>
<td>Additional notes should be added to general plan notes for the infiltration basins</td>
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that state “Upon approval from the Landscape Architect that the soils are acceptable, infiltration basins shall be fenced off, and no further construction shall take place inside the fence line to preserve infiltration capacity.”

**CONCLUSIONS:** This project does meet District standards. Performance Escrows must be submitted prior to issuance of a permit.

**RECOMMENDATION:** Approve with 2 Stipulations

**Stipulations:**
1. Receipt of escrows.
2. Provide additional general notes on infiltration basin construction as noted above.