COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: November 23, 2015
AGENDA NUMBER: 07
FILE NUMBER: 15 - 143
ITEM: 85th Avenue Trail Project

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: City of Coon Rapids
11155 Robinson Drive
Coon Rapids MN 55433

PURPOSE: Construction of trail to connect East River Rd to Nature Center

LOCATION: South of 85th Ave between East River Rd and BNSF RR tracks
APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses.
2. One or more cumulative acres of land disturbance.
3. High infiltration soils.
4. Highly erodible soils

EXHIBITS:

HISTORY & CONSIDERATIONS: The proposed project will eliminate a portion of the existing ditch that drains to Springbrook Creek south of 85th Ave and west of the BNSF RR tracks. However, the runoff from the area will be directed to a new storm sewer system that was designed to maintain the 100-Yr peak flow rate for the drainage area.

FINDINGS:
Ditches and Drainage: There is not a public ditch on the property. The project site is tributary to Springbrook Creek. The trend in land use for this drainage area is toward open space and residential. There are no flooding concerns downstream. Alternatives to additional drainage considered and reviewed include soil amendment. The ditch has not been inspected. It is scheduled for inspection in 2016. The ditch is not in need of repair.

Floodplain: There is no floodplain on the property according to FEMA. The District Atlas 14 model predicts the 100-year elevation for the subwatershed at 865.1 feet. The total floodplain impact is 0 acre-feet, within the floodplain. Compensatory storage is not needed.

Groundwater: Groundwater information was not provided and is not needed, no buildings are proposed for this project. The site does not include groundwater sensitive areas.

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 include a ditch maintenance easement or utility line crossings. Project is in City ROW, a drainage and utility easement is not
needed. It is unknown if property owners affected by changes in drainage have been notified and have acknowledged the changes proposed.

Soils & Erosion Control: Soils affected by the proposal are Lino and Zimmerman. 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 is meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation to the maximum extent practicable via overland flow and soil amendment. Stormwater leaving the site is discharged into a well-defined receiving channel or pipe and routed to a public drainage system. Drainage sensitive uses do not exist downstream from the proposed site. The rate of post development runoff from the site does exceed predevelopment rates, though any impacts would be negligible.

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. A wetland delineation was completed for the project and the area was determined to be incidental wetland so a permit is not needed to impact the area.

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: $2,350.00

ISSUES/CONCERNS:

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<thead>
<tr>
<th>Maintenance</th>
<th>1. Provide documentation that affected property owners have been notified and acknowledge the changes.</th>
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<tbody>
<tr>
<td>Stormwater &amp; Hydraulics</td>
<td>Applicant asked that the District recommend proper soil amendment mixture. For water quality benefits, the amended soil mixture should</td>
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be 5% organic content.

| Escrows: $2,000 + (0.70 * $500/ac) = $2,350.00 | 2. Receipt of escrows. |

**RECOMMENDATION:** Approve with 2 Stipulations

**Stipulations:**
1. Receipt of escrows.
2. Provide documentation that affected property owners have been notified and acknowledge the changes.