COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: January 12, 2015
AGENDA NUMBER: 18
FILE NUMBER: 14-149
ITEM: Marshland Park Ditch Maintenance

RECOMMENDATION: Approve with 1 Stipulation

APPLICANT: Mark Hansen
City of Coon Rapids
11155 Robinson Dr
Coon Rapids MN 55433

PURPOSE: Maintenance of Marshland Park Ditch

LOCATION: Marshland Park – 122nd Ln and Ivywood St
APPLICABILITY:
1. Any work within or adjacent to wetlands, lakes or watercourses
2. The lands and water that have been, or may be covered by the regional flood.
3. Excavation or 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. Permit application for Ditch Maintenance and Repair by City of Coon Rapids, dated 12/5/14; received 12/11/14
2. Project Description letter by the City of Coon Rapids; dated 12/5/14, received 12/11/14
3. Aerial photos of the site from 2014 and 2002, received 12/11/14

HISTORY & CONSIDERATIONS:

FINDINGS:

Ditches and Drainage: There is a private ditch on the property. The trend in land use for this drainage area is toward residential. There are no flooding concerns downstream.

Floodplain: There is floodplain on the property according to FEMA. The total floodplain impact is zero acre-feet, within the floodplain. Compensatory storage is not needed.

Groundwater: Surficial ground water is present at an unknown elevation. The site does include groundwater sensitive areas. Information is not required to substantiate low floor elevations, no structures 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: The proposed project does include a ditch maintenance easement or utility line crossings which have been acknowledged by the applicant. No water quality features are required or proposed therefore a drainage and utility easement is not necessary. The application proposes no changes in drainage from the approved ditch plans.

Soils & Erosion Control: Soils affected by the proposal are Rifle. Stabilizing vegetation is not proposed for disturbed areas within seven days of rough grading. Adjacent properties are protected from sediment deposition. Work adjacent to water
conveyance systems is protected from erosion. Project site is not greater than 1 acre; an NPDES permit is not required.

**Stormwater & Hydraulics:** The applicant is not required to meet the volume management practice equivalent to infiltrating the first inch of precipitation because no new impervious area is proposed. Stormwater leaving the site is discharged into a well defined receiving channel and routed to a public drainage system. Drainage sensitive uses do exist down stream from the proposed site. The rate of post development runoff from the site does not exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses.

**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 exist on-site according to the NWI and Soils Survey. The project is routine maintenance of the private ditch. The applicant has acknowledged that all spoil will be placed within 16.5’ of the top of ditch. This project proposes no wetland impacts.

**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:** $4,960.00

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<tr>
<th>ISSUES/CONCERNS</th>
<th>Needs</th>
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<tr>
<td>Escrows: $2,000 + ($20 * 148 lf of Ditch)</td>
<td>Receipt of Escrows</td>
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<td>= $4,960.00</td>
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**RECOMMENDATION:** Approve with 1 Stipulation

**Stipulations:**
1. Receipt of escrows