COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: September 28, 2015
AGENDA NUMBER: 13
FILE NUMBER: 15 - 108
ITEM: Sand Creek Elementary Ditch Maintenance

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: City of Coon Rapids
Attn: Mark Hansen
1115 Robinson Dr
Coon Rapids MN 55433

PURPOSE: 200’ feet of ancillary ditch cleaning, 1 – 2 feet deep excavation

LOCATION: 400 feet west of 123rd Avenue and Olive Street
APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses.
2. 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. Memo and Location by City of Coon Rapids, dated 9/10/2015, received
9/14/2015.

HISTORY & CONSIDERATIONS: Project is being performed to reduce localized
flooding issues at existing culvert off of 123\textsuperscript{rd} Avenue.

FINDINGS:

Ditches and Drainage: There is not a public ditch on the property. The project site is
tributary to Tronson Creek. The trend in land use for this drainage area is toward open
space and residential. There are no flooding concerns downstream.

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 883.7 feet. The
total floodplain impact is 0 acre-feet, within the 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, groundwater
information is not required for proposed project.

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. 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 Rifle. 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 not protected
from erosion and sedimentation. Project site is not greater than 1 acre; an NPDES permit
is not required.
**Stormwater & Hydraulics:** Proposed project is for ditch cleaning, stormwater requirements do not apply to this project. 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.

**Water Quality:** Proposed project is for ditch cleaning, water quality requirements do not apply to this project. Project does not include new impervious drainage areas greater than 1 acre. The proposal will 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 1987 Federal manual, NWI, PWI and Soil Survey. No wetland impacts are proposed.

**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:** $2,020.00

**ISSUES/CONCERNS:**

<table>
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<tr>
<th>Soils &amp; Erosion Control: Downstream system is not protected from construction activities. Erosion control needs to be provided to prevent sediment from accumulating downstream of construction site.</th>
<th>1. Provide silt fence in ditch, directly downstream of construction activities.</th>
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<tr>
<td>Escrows: $2,000 + (.04 ac * $500/ac) = $2,020.00</td>
<td>2. Receipt of escrows.</td>
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</table>

**RECOMMENDATION:** Approve with 2 Stipulations

**Stipulations:**

1. Receipt of escrows.
2. Provide silt fence in ditch, directly downstream of construction activities.