COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: November 10, 2014
AGENDA NUMBER: 13
FILE NUMBER: 14-124
ITEM: Cleaning of CD 59-6

RECOMMENDATION: Approve with 3 Stipulations

APPLICANT: Dale Sprouse
13205 Jenkins St NE
Blaine MN 55449

PURPOSE: Maintenance of CD 59-6

LOCATION: Starting at the southern property line of Mr. Sprouse cleaning upstream approximately 1200’ to the western property line of Mr. Kinsella
APPLICABILITY:
1. Any work within or adjacent to a Public Ditch within the Watershed District.
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 Dale Sprouse dated 10/14/14, received 10/14/14

HISTORY & CONSIDERATIONS: This project has not been reviewed by the Board.

FINDINGS:
Ditches and Drainage: There is a public ditch on the property. The ditch is CD 59-6. The ditch was inspected in 2012. The trend in land use for this drainage area is toward agriculture and residential. There are no flooding concerns downstream.

Floodplain: There is non-detailed Zone A 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. The applicant has written permission from the property owner which work is proposed.

Soils & Erosion Control: Soils affected by the proposal are Lino and Isanti. Stabilizing vegetation is 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 public ditch to the approved grades as provided via ditch plans and the CCWD engineer. 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:** $2000 + ($20/lf * 1200 lf of Ditch) = $26,000.00

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<th>ISSUES/CONCERNS</th>
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<td>Escrows: Escrows have not been paid.</td>
<td>Performance Escrow: $2000 + ($20/lf* 1200 lf of Ditch) = $26,000.00</td>
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**RECOMMENDATION:** Approve with 3 Stipulations

**Stipulations:**
1. Receipt of escrows.
2. CCWD Staff should be notified prior to start of construction.
3. CCWD Staff should be notified upon completion of each ditch segment to verify elevations and stabilization.