COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: January 11, 2016
AGENDA NUMBER: 21
FILE NUMBER: 15-167
ITEM: Oaks of Shenandoah 5th Addn Ditch Cleaning

RECOMMENDATION: Approve with 1 Stipulation

APPLICANT: City of Coon Rapids
Attn: Alex Weibe
11155 Robinson Dr
Coon Rapids MN 55433

PURPOSE: Clean and maintain existing 36” RCP outlet and open channel ditch

LOCATION: 12748 Killdeer St, Coon Rapids, MN (Oaks of Shenandoah 5th Addn)
APPLICABILITY:
1. Any work within or adjacent to a Public Ditch within the Watershed District.
2. Any work in or adjacent to wetlands, lakes or water courses.
3. High infiltration soils.
4. Highly erodible soils
5. 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:
Location map with plans and description of project by the City of Coon Rapids, dated 12/21/15, received 12/28/15
Letter to residents by the City of Coon Rapids, dated 11/16/15, received 12/28/15

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

FINDINGS:
Ditches and Drainage: There is not a public ditch on the property. The private ditch is tributary to County Ditch 54-4 (Peat Creek). The trend in land use for this drainage area is toward residential and open space. There are no flooding concerns downstream.

Floodplain: There is no floodplain on the property according to FEMA or the District’s Atlas 14 model. 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 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; a 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 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 * 315 lf of Ditch) = $8,300

ISSUES/CONCERNS:

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<th>Escrows: $2000 + ($20 * 315 lf of Ditch)</th>
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RECOMMENDATION: Approve with 1 Stipulation

Stipulations:
1. Receipt of escrows