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**COON CREEK WATERSHED DISTRICT**  
**PERMIT REVIEW**

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<tr>
<th>MEETING DATE:</th>
<th>July 22, 2013</th>
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<tbody>
<tr>
<td>AGENDA NUMBER:</td>
<td>14</td>
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<tr>
<td>FILE NUMBER:</td>
<td>13-076</td>
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<td>ITEM:</td>
<td>Oak Glen Creek maintenance</td>
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| RECOMMENDATION:     | Approve with 2 stipulations |

**APPLICANT:**  
City of Fridley  
**Attn:** Jim Kosluchar  
6431 University Ave. NE  
Fridley, MN 55432

**PURPOSE:**  
Remediate and stabilize approximately 1400 linear feet of the channel in Oak Glen Creek.

**LOCATION:**  
Oak Glen Creek between the Mississippi River and East River Road.

![Map of Oak Glen Creek between the Mississippi River and East River Road.](attachment:image-url)
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. The lands and water that have been, or may be covered by the regional flood.
4. 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. Application package; dated 6/25/13, recd. 6/28/13

HISTORY & CONSIDERATIONS: This project has not been reviewed by the Board. This project was initiated prior to the CCWD annexing the area formerly known as the Six Cities WMO. Wenck was hired by the City of Fridley prior to the CCWD expansion.

FINDINGS:
Ditches and Drainage: There are public ditches on the property. The ditch is Oak Glen Creek. The trend in land use for this drainage area is toward residential with commercial industrial use up stream. There are no flooding concerns downstream. Alternatives to additional drainage were not considered.

Floodplain: There is floodplain on the property according to FEMA. The total floodplain impact is zero acre-feet, within the flood/fringeway. 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: Property owners will not be affected by changes in drainage. The proposed project will stabilize the active channel of the bed. Residents affected by the proposed project have been notified and have acknowledged the proposed project. The project proposes a public drainage and utility easement over the affected areas and the fixed channel.

Soils & Erosion Control: Soils affected by the proposal are Hayden Urban Land. Stabilizing vegetation is proposed in the SWPPP for disturbed areas within seven days of final grading. Stabilization is proposed within 24 hours of disturbance activities in the
staging plans since the property is in a ditch with a direct connection to waters of the state. Adjacent properties are protected from sediment deposition. All wetlands, waterbodies, ponds, infiltration basins and water conveyance systems are protected from sedimentation, and erosion. Project site is greater than 1 acre; an NPDES permit is required.

**Stormwater & Hydraulics:** The applicant is not required to meet the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation since no impervious surface 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 proposed activities are within 1 mile of an impaired water. 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.

**Wildlife:** The proposed project does not include endangered & threatened species, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas, wildlife travel corridors. The site does not include rare natural communities. No substantial adverse alteration or significant detrimental impact on a species food supply, security or reproductive cycle or the alteration or removal of a plant species will occur.

**Wetlands:** Wetlands do exist on-site according to the NWI. Wetlands do not exist on site according to the Soil Survey. All proposed activity is within the channel.

The project proposes restoration of all disturbed areas to pre-construction elevations and land use.

There are no proposed permanent wetland impacts.

**Escrows:** Escrows have not been paid.

**Performance Escrow:** $1500 + (3 acres *200/acre) = $2,100.00

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<tr>
<th>ISSUES/CONCERNS</th>
<th>Needs</th>
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<td><strong>Escrows:</strong> Escrows have not been paid.</td>
<td><strong>Performance Escrow:</strong> $1500 + (5 acres *200/acre) + (100 LF of ditch * $10/LF) = $3,500.0</td>
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<td><strong>Maintenance:</strong> Provide as built elevations at each proposed cross vane.</td>
<td>As-built drawings with elevations will be required to document the channel bottom at each of the proposed cross vanes.</td>
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CONCLUSIONS: This project does meet District standards. Performance Escrows and Maintenance items must be submitted prior to issuance of a permit.

RECOMMENDATION: Approve with 2 stipulations

Stipulations:
1. Receipt of escrows.
2. As-built drawings with elevations will be required to document that the top of pipe casing at CD 20 to verify post construction depths for our records.