COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: February 22, 2016
AGENDA NUMBER: 5
FILE NUMBER: 16 – 028
ITEM: Eveleth Street Extension

RECOMMENDATION: Approve with 2 Stipulation

APPLICANT: City of Ham Lake
15544 Central Ave NE
Ham Lake MN 55304

PURPOSE: Construction of Eveleth Street between Bunker Lake Blvd and 134th Ave

LOCATION: Ham Lake, MN
**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. One or more cumulative acres of land disturbance.

**EXHIBITS:**

**HISTORY & CONSIDERATIONS:**
Project is an update to Permit 15-022 for Eveleth Street extension. A portion of the project will discharge into a wet detention basin on Co-part property (Permit 15-161). This permit provides updated information on the connection to the Co-part permit.

**FINDINGS:**
**Ditches and Drainage:** There is a public ditch on the property. The ditch is County Ditch 59. The ditch has not been inspected. There are approximately 0 acres of existing agricultural land affected by this ditch. The trend in land use for this drainage area is toward open space and commercial. There are no flooding concerns downstream.
Alternatives to additional drainage considered and reviewed include storage and retention. The public ditch was last repaired in 1979. The ditch is not in need of repair.

**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 900.6 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 proposed, information is not needed to substantiate low floor elevations.

**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. A drainage and utility easement is provided for all of the storm water/infiltration ponds shown on the drainage plan. 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 Anoka, Lino and Zimmerman. Stabilizing vegetation is proposed for disturbed areas within two weeks of rough grading. Adjacent properties are protected from sediment deposition. All wetlands, waterbodies, ponds, infiltration basins and water conveyance systems are not protected from erosion and sedimentation. Project site is greater than 1 acre; an NPDES permit is required.

**Stormwater & Hydraulics:** The applicant is meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation. 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. 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 include new impervious drainage areas greater than 1 acre. All discharges into wetlands are pretreated by a sediment basin/water quality pond and are designed correctly. 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.
This project is within one (1) mile and drains to an Impaired Water. The Impaired Water is Coon Creek (Ditch 58). Coon Creek is impaired for Aquatic Biota with major stressors of Suspended Solids and Turbidity. There is not an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for Coon Creek.

The project does not propose site stabilization within 7 days after construction. The proposed stormwater system does not retain at least one inch of runoff from the project site.

**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 may include the threatened Black Huckleberry (*Gaylussacia baccata*). The applicant has contacted the DNR to have a DNR Natural Heritage Information System (NHIS) data review completed to determine if any records of state-protected species may be located within the boundary of this project. The DNR has no concerns regarding this project.

**Performance Escrow:** $5,750

**ISSUES/CONCERNS:**

<table>
<thead>
<tr>
<th>Water Quality: The project drains to an impaired water. The project does not propose site stabilization within 7 days after construction.</th>
<th>1. Amend grading plan to ensure site stabilization within 7 days after construction</th>
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</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (7.5 ac * $500/ac) = $5,750.00</td>
<td>2. Receipt of Escrows</td>
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</table>

**RECOMMENDATION:** Approve with 2 Stipulation

**Stipulation:**

1. Amend grading plan to ensure site stabilization within 7 days after construction
2. Receipt of escrows.