COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: August 8, 2016
AGENDA NUMBER: 10
FILE NUMBER: 16-126
ITEM: Centerpoint - 169th Ave & Xylite St

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: Centerpoint Energy
700 W. Linden Ave.
Minneapolis, MN 55403

PURPOSE: Installation of 2 - 3” gas mains along new street construction on 169th and Xylite St.

LOCATION: 169th and Xylite St. in Ham Lake, Minnesota
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
4. High infiltration soils
5. Highly erodable soils

EXHIBITS:
1) Letter to Rebecca Haug; by Centerpoint Energy; dated 7/26/2016; Received 7/26/2016
2) Map showing section of ditch to be affected
3) Letter to Rebecca Haug; by Merjent; Dated 7/26/2016; Received 7/26/2016
4) Erosion Control Notes with Figure; no date provided; Received 7/26/2016
5) Soils Map; by Merjent; No date provided; Received 7/26/2016
6) Plan sheets including detail for depth in feet for pipe below water bodies; by Centerpoint Energy; Dated 7/25/2016; received 7/26/2016
PREVIOUS ACTION TAKEN: This is the first submittal for this application. The work is being done in conjunction with PAN 16-039.

FINDINGS:
Pre-application Meeting: The project as submitted has not received a general review during a pre-application meeting.

Ditches: There is not a public ditch on the property.

Ditch Hydraulics: A crossing of the ditch is not proposed.
Erosion and Sediment Control: Soils affected by the proposal are Lino, Isanti, and Zimmerman.

- Stabilizing vegetation is not proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles have been proposed to be fitted with sediment-trapping measures to prevent soil loss.
- Adjacent properties and stormwater ponds are protected from sediment deposition.
- Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have been provided.
- Stormwater runoff does not pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity.
- Stabilization adequate to prevent erosion has been provided at the outlets of all storm sewer pipes.
- All storm sewer inlets are protected from sediment-laden water during construction.
- All work adjacent to water or related resource has taken precautions to contain sediment, and stabilize the work area during construction.
- Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle racking onto the paved surface.
- Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
- Construction entrance points are clearly located on the erosion and sediment control plan.
- The erosion and sediment control plan provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.

Dewatering:
Shallow ground water does exist on site
The project does not require dewatering

Floodplain: There is floodplain on the property according to the District model and FEMA. The project does not propose to place fill within the floodplain. The total floodplain impact is 0 acre-feet. The proposed impact is within the flood fringe. Compensatory storage is not needed. There are no flooding concerns upstream and/or downstream.

Groundwater: Geotechnical information was not provided and is not needed.

Historic Sites: The proposed project does not include sites of historic or archeological significance.

Hydraulics: A crossing of the ditch is not proposed.
**Local Planning & Zoning:** The proposed project is consistent with local planning and zoning. There is an approved local water plan.

It is unknown if property owners affected by changes in drainage have been notified and acknowledge the changes proposed.

**Maintenance:** The Owner of the Stormwater Management features and treatment practices is City of Ham Lake. There are no proposed Stormwater Treatment Practices (STPs) associated to this project.

**Stormwater & Hydrology:** Infiltration is not provided and is not needed.

**Water Quality:** The proposed project does not cause an exceedance of State water quality standards. The project does not contribute to the adverse impact of wetlands through inundation or volume of flow. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. 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.

**Impairments:** This project is within one (1) mile and drains to an Impaired Water. The Impaired Water is Coon Creek. Coon Creek is impaired for (Aquatic Life (Macro-invertebrates) / Aquatic Recreation (E. coli)). The major stressors of Total Suspended Solids (TSS) / Total Phosphorus (TP) / E.coli. There is not an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

There are no new impervious surfaces proposed as part of this project.

**Wetlands:** Wetlands do exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have been delineated. The most recent delineation was completed on October 27, 2014. The wetland boundary has been checked.

The project qualifies for a Utility Exemption as wetlands will be crossed via directional bore. No excavation or discharge of dredge or fill materials into wetlands or waterbodies will be associated with this project.

The wetland is not a DNR protected water.

The total proposed wetland impact is 0 square feet.

**Wetland Replacement Plan:**
A wetland replacement plan has not been submitted and is not required.

**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: $2,065.00
Wetland Escrow: N/A
There are not ditch liens on the property.

ISSUES/CONCERNS:

<table>
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<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tr>
<td>Escrows: $2,000 + (.13 ac * $500/ac) = $2,065.00</td>
<td>1. Receipt of escrows.</td>
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<td>Soils &amp; Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.</td>
<td>2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.</td>
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RECOMMENDATION: Approve with 2 Stipulations
Stipulations:
1. Receipt of escrows.
2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.