COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: September 12, 2016
AGENDA NUMBER: 11
FILE NUMBER: 16-133
ITEM: Blaine Regulator Station

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: Centerpoint Energy
501 51st Street W
Minneapolis, MN 55419

PURPOSE: Installation of 103’ of 4” natural gas pipeline

LOCATION: 4th St NE between 114th Ln and Ditch 39, Blaine, MN
APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses

EXHIBITS:
1) Letter to Rebecca Haug; by Merjent; Dated 8/30/2016; Received 8/31/2016
2) Erosion Control Notes with Figure; no date provided; Received 8/31/2016
3) NHIS letter to Rebecca Haug by Merjent; dated 8/31/16, received 8/31/16

PREVIOUS ACTION TAKEN: This is the first submittal for this application.

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

Ditches: There is a public ditch on the property. The public ditch is County Ditch 39 according to the public drainage map. The ditch was last inspected in 2015. The approved ditch bottom elevation at this location is 884.4 ft MSL (NAVD 88). The existing ditch bottom elevation at this location is 884.6 ft MSL (NAVD 88) which is a 0.2 ft variance from the approved elevation. Existing elevations, slopes and condition of ditch are good. Alternatives to repair and additional drainage have been considered and reviewed. The ditch is not in need of repair. The ditch is a 2nd order stream. The ditch serves the primary role of storm water conveyance. The ditch serves 0 acres of agricultural land. Land use in the area is single family residential. There are no known flooding concerns upstream or downstream.
Ditch Hydraulics: A crossing of the ditch is not proposed.

Erosion and Sediment Control: Soil affected by the proposal is Isanti.

- Stabilizing vegetation is 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.

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:** There are no proposed Stormwater Treatment Practices (STPs) associated to this project.

**Stormwater & Hydrology:** Infiltration is not provided and is not needed, no new impervious is proposed.

**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 Sand Creek. Sand Creek is impaired for (Aquatic Life (Macro-invertebrates)). The major stressors of Total Suspended Solids (TSS) / Total Phosphorus (TP). 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:** Wetland do not exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey.

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

**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:** $2,002.00

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

### ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tbody>
<tr>
<td>Escrows: $2,000 + (0.004 * $500) = $2,002.00</td>
<td>1. Receipt of escrows</td>
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<tr>
<td>Soils &amp; Erosion Control: District requires all stabilization vegetation be</td>
<td>2. Update construction plans on the top of Figure 2 to stabilize vegetation in</td>
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<td>within seven (7) days of rough grading or inactivity.</td>
<td>7 days (not 14) of rough grading or inactivity.</td>
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**RECOMMENDATION:** Approve with 2 Stipulations

**Stipulations:**
1. Receipt of escrows
2. Update Figure 2 (upper text) to stabilize vegetation in 7 days of rough grading or inactivity.