COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: September 11, 2017
AGENDA NUMBER: 12
FILE NUMBER: 17-162
ITEM: CenterPoint MIPC Replacement

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: CenterPoint Energy Natural Gas Operations
Attn: Chris LaNasa
700 West Linden Ave.
Minneapolis, MN 55403

PURPOSE: Installation of 740 FT Natural Gas Transmission Line

LOCATION: Intersection of Coon Rapids Blvd. Extension NW and
Wintergreen St. NW, Coon Rapids, MN

APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. Any work within or adjacent to a Public ditch within the Watershed District.
3. Any work in or adjacent to wetlands, lakes or water courses
4. The lands and waters that have been, or may be covered by the regional flood.

EXHIBITS:
1. Site Location Map; by CenterPoint Energy, dated August 24, 2017, received August 28, 2017.

PREVIOUS ACTION TAKEN: This is a new application.

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 Alluvial Land, Braham, and Lino.
  • 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 pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity.
  • Impacts to existing storm sewer pipes are not expected as part of this project.
  • 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 not clearly located on the erosion and sediment control plan.
• The erosion and sediment control plan does 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 require dewatering.

An assessment of risks to other water and related resources has been conducted. The proposed dewatering technique is portable pump.

The intended commencement date for dewatering is 9/12/2017 to 11/01/2017. The cone of depression is estimated to be 20 feet in diameter.

There is a ground water dependent water resource within the cone of depression. The ground water dependent water resource is a wetland. This utilities activity qualifies for a WCA exemption.

The applicant has proposed steps to avoid/minimize potential impact. Those steps include:

• limiting the offsite influence of the dewatering
• scheduling start of dewatering at the end of the dry season
• dewatering for shortest time period possible

Floodplain: There is floodplain on the property according to the District model and FEMA. The FEMA floodplain elevation is at 837.4 feet. The project does not propose to place fill within the floodplain. There are no flooding concerns upstream or downstream.

High Water Flooding: Information has not been provided to substantiate low floor elevations and is not needed as no buildings are proposed as part of this project.

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

The site is not within a Municipal Drinking Water Supply Area (DWSMA).

The project site is not within the Emergency Response Area/10 Year Well Head Protection Area/Drinking Water Supply Management Area.

Historic Sites: The proposed project does 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: No Stormwater Management features or treatment practices are proposed.
Stormwater & Hydrology: Infiltration is allowed within the project area. No changes to stormwater are expected as part of the project. 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. No increases in the volume, velocity and peak water flow rates of stormwater runoff are expected. No concentrated storm water is expected as part of the project. No on-site constructed storm water conveyance channels are expected as part of the project.

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 of and drains to an Impaired Water. The Impaired Water is County Ditch 57 (Coon Creek). County Ditch 57 (Coon Creek) is impaired for (Aquatic Life (Macro-invertebrates) and Aquatic Recreation (E. coli). The major stressors are Total Phosphorus (TP) and E.coli. There is 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. The most recent delineation was completed on August 7, 2017. The wetland boundary has been checked. The wetland is not a DNR protected water. This project qualifies for a Wetland Conservation Act utilities exemption.

Wetland Replacement Plan:
A wetland replacement plan is not required.

Performance Escrow: $2040.00
Wetland Escrow: $ N/A
There are not ditch liens on the property.

ISSUES/CONCERNS:

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<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tbody>
<tr>
<td>Escrows: $2,000 + (0.08 ac * $500/ac) = $2040.00</td>
<td>1. Receipt of escrows.</td>
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<tr>
<td>2. Soils &amp; Erosion Control:</td>
<td>2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.</td>
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**Stipulations:**

1. Receipt of escrows.
2. Update construction plans to stabilize vegetation in 7 days of rough grading or inactivity.