COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: February 25, 2019
AGENDA NUMBER: 16
FILE NUMBER: 19-035
ITEM: CenterPoint Energy 2019 Northgate ILI

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: CenterPoint Energy Natural Gas Operations
700 West Linden Avenue
Minneapolis, MN 55403

PURPOSE: Inline inspection of natural gas pipeline

LOCATION: Pipeline ROW Osborne Rd NE to 73rd Ave NE, Fridley

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

EXHIBITS:
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 Lino and Zimmerman. Note: the project intends to inspect the pipe interior. If a maintenance need occurs the applicant will excavation a 10’ x 10’ x 8’ hole to access the pipe.

- Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading within the MS. Unclear what MS refers to.
- 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.
• 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 does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.

Dewatering: Shallow ground water may exist on site. The project may require dewatering.

Floodplain: There is floodplain on the property according to the District model. The District’s floodplain elevation is at 862 feet. The project does not propose to place fill within the floodplain. There are no flooding concerns upstream or downstream.

High Water Flooding: Information is not needed to substantiate low floor elevations; no structures are proposed.

Groundwater: Geotechnical information is not needed; no structures or infiltration practices are proposed.

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

The proposal does not contain a land use discouraged or prohibited by the Safe Drinking Water Supply Act (SDSA).

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: No stormwater management features or treatment practices are proposed as part of the project.
Easements: The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required.

**Stormwater & Hydrology:** No changes to stormwater runoff 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 expected as part of the project. No on-site constructed storm water conveyance channels will be constructed 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 discharges into wetlands are pretreated via overland 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 not within one (1) mile of and drains to an Impaired Water. The Impaired Water is the Mississippi River. The Mississippi River is impaired for Aquatic Life (Macro-invertebrates)/Aquatic Recreation (Fecal Coliform). The major stressors are Total Suspended Solids (TSS)/Total Phosphorus (TP)/Fecal Coliform. 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 not been delineated. The wetland boundary has not been checked.

The total proposed wetland impact is 0 square feet. Temporary impacts may be required if anomalies are found in the pipe under wetlands. The wetlands are proposed to be restored to preexisting conditions.

The applicant does not need to contact the DNR area hydrologist and the Corps of Engineers.

**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. The applicant has not contacted the MDNR natural heritage or endangered species program and is not required to.

If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

Performance Escrow: $2,050
Wetland Escrow: $N/A
There are not ditch liens on the property.

ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (0.1 ac * $500/ac) = $2,050</td>
<td>1. Receipt of escrows.</td>
</tr>
<tr>
<td>Soils &amp; Erosion Control: Erosion Control Plan not provided for all potential excavation areas.</td>
<td>2. If additional excavations are required for pipe maintenance, provide an Erosion Control Plan when excavations sites are identified.</td>
</tr>
</tbody>
</table>

RECOMMENDATION: Approve with 2 Stipulations

Stipulations:
1. Receipt of escrows.
2. If additional excavations are required for pipe maintenance, provide an Erosion Control Plan when excavations sites are identified.