COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: October 8, 2018
AGENDA NUMBER: 17
FILE NUMBER: 18-184
ITEM: CenterPoint Energy Northgate ILI Digs 75, 83, 84

RECOMMENDATION: Approve with 1 Stipulations

APPLICANT: CenterPoint Energy
Attn: Chris LaNasa
700 West Linden Ave
Minneapolis, MN 55403

PURPOSE: Three excavation holes for maintenance of gas line

LOCATION: East of 89th Ave NW and south of 85th Ave NW, adjacent to east side of RR tracks, 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. Project Narrative by CenterPoint Energy, dated 9/25/18, received 9/25/18.
2. Updated grading and Erosion Control Plan, dated 10/04/18, received 10/04/18.
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 a public ditch on the property. The public ditch is Pleasure Creek according to the public drainage map. The existing elevation at the location of the project is 860.6 ft MSL. The ditch is a 5th order stream. The ditch serves the primary role of a trunk drainage system. The ditch serves approximately 0 acres of agricultural land. Land use in the area is toward residential and commercial. There are no flooding concerns upstream or downstream. The ditch has been inspected. Existing elevations, slopes and condition of ditch are good. The ditch is not in need of repair. Alternatives to repair and additional drainage have been considered and reviewed.

Ditch Hydraulics: A crossing of the ditch is not proposed.

Erosion and Sediment Control: Soil affected by the proposal is Isanti and Marsh.
- 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.
- No storm sewer impacted by project.
- 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 does exist on site. The project will require dewatering. A DNR dewatering permit has been provided.

Floodplain: There is floodplain on the property according to the District model but not FEMA. The District’s floodplain elevation is at 869.6 feet at site 75 and 860 feet at sites 83, and 84. The project does propose to place temporary 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 proposed.
**Groundwater:** Geotechnical information is not needed, no structures or infiltration practices 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 within one (1) mile of and drains to Impaired Waters. The Impaired Waters are Pleasure Creek and Springbrook Creek. Pleasure Creek and Springbrook Creek are impaired for (Aquatic Life (Macro-invertebrates)/Aquatic Recreation (E. coli). The major stressors are Total Suspended Solids (TSS)/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. Wetlands will be temporarily impacted; however, the wetland is a Public Water #02068800 and is therefore under the jurisdiction of the DNR for wetland impacts. The DNR has provided authorization to proceed.

**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:** $2,015.00  
**Wetland Escrow:** $ N/A  
There are not ditch liens on the property.

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<th>ISSUE</th>
<th>NEED</th>
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<td>Escrows: $2,000 + (0.03 ac * $500/ac) = $2,015.00</td>
<td>1. Receipt of escrows.</td>
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**ISSUES/CONCERNS:**

**RECOMMENDATION:** Approve with 1 Stipulations  
**Stipulations:**  
1. Receipt of escrows.