COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: March 23, 2020
AGENDA NUMBER: 9
FILE NUMBER: 20-021
ITEM: CenterPoint Ely St NE Project

RECOMMENDATION: Approve with 3 Condition and 1 Stipulation

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

PURPOSE: Abandonment of 8801ft of pipeline and installation of 8860 ft of new pipeline.

LOCATION: East of E River Road from Ironton Street NE to 79th Way NE, Fridley
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.
5. High infiltration soils
6. Highly erodible soils
7. Excavation or filling or a combination of excavation and filling of sand or other excavation or fill material including the laying, repairing, replacing or enlarging of a culvert or an underground pipe or facility where it crosses a public ditch or waters of the state.

EXHIBITS:

PREVIOUS ACTION TAKEN: This is a new application.

FINDINGS:
Pre-application Meeting: The project as submitted has received a general review during a pre-application meeting.
Ditches: There is a public ditch on the property. The public ditch is County Ditch 17 (Springbrook Creek) according to the public drainage map. The elevations through this property are 846.2 ft MSL at the downstream end and 851.5 ft MSL at the upstream end. The ditch is a 4th order stream. The ditch serves the primary role of collector system. The ditch serves approximately 0 acres of agricultural land. Land use in the area is toward residential. There are no flooding concerns upstream and/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 proposed. The proposed crossing involves the installation of a new directionally drilled utility line.

Erosion and Sediment Control: Soils affected by the proposal are Urban.
- 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 and do have a note to stabilize within seven (7) days of inactivity.
- 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 and is not needed.
- 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 tracking 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.
- Details have been provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)
**Dewatering:** Shallow ground water does not exist on site. The project does not require dewatering. An assessment of risks to other water and related resources has not been conducted and is not needed.

**Floodplain:** There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevations are:
- Ironton St @ 851.8’ on upstream side, 851.1’ on the downstream side
- Hugo St @ 851.1’ on the upstream side; 850.2’ on the downstream side
- Ely St @ 850.1’

The project does not propose to place fill within the floodplain. The total floodplain impact is 0 acre-feet. Compensatory storage is not needed.

**Groundwater:** Geotechnical information was not collected as a part of this project and is not needed.

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 applicant has not applied to the City. The City has not completed its review of the plans.

It is unknown if the City has water resource issues or concerns with the project at this time.

**Maintenance:** There are no proposed Stormwater Management features or treatment practices as a part of this project.

Easements: The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required.

**Stormwater & Hydrology:** Infiltration requirements not applicable, no impervious proposed.

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 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 Waters are County Ditch 17 (Springbrook Creek) and the Mississippi River. CD 17 and the Mississippi River are impaired for (Aquatic Life (Macro-invertebrates)/Aquatic Recreation (E. coli). The major stressors are Total Suspended Solids (TSS)/Total Phosphorus (TP)/E.coli. CD 17 does have 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 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 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:** $4,060
**Wetland Escrow:** N/A

There are not ditch liens on the property.

**ISSUES/CONCERNS:**

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<th>ISSUE</th>
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<tr>
<td>Escrows: $2,000 + (0.12 ac * $500/ac) + ($20/ft of ditch frontage) = $4,060</td>
<td>1. Receipt of escrows.</td>
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<td>Ditches: Approved elevations are not depicted on plans for utility crossing.</td>
<td>2. Update sheet 4 to depict Hugo St. crossing.</td>
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<td></td>
<td>3. Update crossing details to show a minimum 4’ separation at Ironton (846.9 ft upstream, 845.8 ft downstream; NAVD 88) and Hugo (842.4 ft; NAVD 88) and the top of pipe.</td>
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**Conditions:**
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2. Update sheet 4 to depict Hugo St. crossing.
3. Update crossing details to show a minimum 4’ separation at Ironton (846.9 ft upstream, 845.8 ft downstream; NAVD 88) and Hugo (842.4 ft; NAVD 88) and the top of pipe.

Stipulations:
1. Submittal of as-builts for depth of utility line at ditch crossings. Top of utility must be 4 feet below bottom of ditch elevation at Ironton (846.9 ft upstream, 845.8 ft downstream; NAVD 88) and Hugo (842.4 ft; NAVD 88).