COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: October 14, 2019
AGENDA NUMBER: 13
FILE NUMBER: 19-172
ITEM: Davenport Street Reinforcement

RECOMMENDATION: Approve with 1 Stipulation

APPLICANT: CenterPoint Energy
700 West Linden Avenue
Minneapolis, MN 55409

PURPOSE: Install 638 feet of 3-inch diameter natural gas pipeline using directional bore construction method

LOCATION: Davenport Street between 93rd Ln NE and 94th Ln NE, Blaine, MN
APPLICABILITY:
1. Within 1 mile of an impaired water
2. High infiltration soils
3. Highly erodible soils

EXHIBITS:
1. Project Narrative; by Merjent, dated 9/30/2019, received 9/30/2019.
2. Erosion and Sediment Control Plan; by Merjent, undated, received 9/30/2019.
3. Site Location Map; by Merjent, undated, received 9/30/2019.
4. BMP Details (5 sheets); by CenterPoint Energy, undated, received 9/30/2019.

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 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.

- 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.
- 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 not clearly located on the erosion and sediment control plan and are not needed for the scope of work.
- The erosion and sediment control plan does provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
- Details provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

**Dewatering:** Shallow groundwater may exist on site. The project does not anticipate dewatering.

**Floodplain:** There is no floodplain on the property according to the District model and FEMA.

**High Water Flooding:** Information to substantiate low floor elevations is not required as there are no new structures proposed.

**Groundwater:** Geotechnical information is not required for this project.

The project site is 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.

Property owners affected by changes in drainage have not been notified nor acknowledged the changes proposed and it is not needed.

**Maintenance:** No stormwater management features or treatment practices proposed.

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

**Stormwater & Hydrology:** Infiltration is not allowed within the project area. Stormwater and hydrology modeling and reports are not provided. The project does not propose any changes to stormwater or hydrology or any new impervious surfaces or disturbances outside of the right of way.

No changes to stormwater runoff are expected as part of the project. Drainage sensitive uses do 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. No discharges to wetlands are proposed. No work adjacent to wetlands, waterbodies or water conveyance systems is proposed. 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 an Impaired Water. The Impaired Water is Springbrook Creek. Springbrook 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) and 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. 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:** $2,008.00

**Wetland Escrow:** $N/A

There are not ditch liens on the property.

**ISSUES/CONCERNS:**

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<th>ISSUE</th>
<th>NEED</th>
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<td>Escrows: $2,000 + (0.02 ac * $500/ac = $2,008.00</td>
<td>1. Receipt of escrows.</td>
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**RECOMMENDATION:** Approve with 1 Stipulation

**Stipulations:**

1. Receipt of escrows.