COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: April 8, 2019
AGENDA NUMBER: 19
FILE NUMBER: 19-067
ITEM: CenterPoint Energy Aberdeen St NE

RECOMMENDATION: Approve with 3 Stipulations

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

PURPOSE: Install 1,205 LF of natural gas line

LOCATION: Along 144th Ave NE & Aberdeen St, between highway 65 & Davenport St NE, Ham Lake 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.
5. High water table, outwash and organic soils
6. High infiltration soils
7. Excavation or filling or a combination of excavation and filling of sand or other
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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.
8. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
2. Exhibits (2 sheets) by CenterPoint Energy, undated, received 3/27/2019.
3. Erosion Control Plan Notes and Typically BMPs; by CenterPoint Energy, undated,
received 3/27/2019.
**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 County Ditch 59-1 according to the public drainage map. The approved/as-built elevations through this property are 877.99 ft MSL at the downstream end and 878.65 ft MSL at the upstream end. The public ditch is located in a pipe. No impacts are proposed.

The ditch is a 2nd order stream. The ditch serves the primary role of

a. Storm water conveyance

**Ditch Hydraulics:** A crossing of the ditch is proposed. The proposed crossing involves horizontal boring above the existing culvert.

**Erosion and Sediment Control:** Soils affected by the proposal are Lino, Seelyeville and Zimmerman.

- 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 and do not 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 not been provided.
- 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 has been provided for the repair and maintenance of all temporary and permanent erosion and sediment control practices.

**Dewatering:** Shallow ground water may exist on site. Dewatering is not anticipated.
**Floodplain:** There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevation is at 888.5 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 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 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 Coon Creek. Coon Creek is impaired for (Aquatic Life (Macro-invertebrates)/ Aquatic Recreation (E. coli). The major stressors are Total Phosphorus (TP)/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 not exist on-site according to an approved delineation issued on 9/2/15.

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.

Performance Escrow: $2,055

Wetland Escrow: $ N/A

There are not ditch liens on the property.

ISSUES/CONCERNS:

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tbody>
<tr>
<td>Escrows: $2,000 + (0.11 ac * $500/ac) = $2,055</td>
<td>Receipt of escrows.</td>
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<tr>
<td>Soils &amp; Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity.</td>
<td>2. Acknowledge in SWPPP that stabilization/revegetation of excavation sites, including stockpiles, will take place within 7 days of rough grading or inactivity.</td>
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<td>Ditches: Construction plans include directional bore above ditch 59-1.</td>
<td>3. Provide as-built of gas line at culvert location.</td>
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RECOMMENDATION: Approve with 3 Stipulations

Stipulations:

1. Receipt of escrows.
2. Acknowledge in SWPPP that stabilization/revegetation of excavation sites and stockpiles will take place within 7 days of rough grading or inactivity.
3. Provide as-built of gas line at culvert location.