COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: December 11, 2017
AGENDA NUMBER: 10
FILE NUMBER: 17-218
ITEM: CenterPoint Energy Exposed Gas Pipeline

RECOMMENDATION: Approve with 1 Stipulation

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

PURPOSE: Provide cover on a 4” exposed gas pipeline on 36 lineal feet of channel adjacent to the regional trail.

LOCATION: Unnamed tributary to Coon Creek, near Hamilton School on 111th in Coon Rapids.
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.
4. High water table, outwash and organic soils
5. Excavation or filling or a combination of excavation and filling of sand or other
evacuation 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:
2. Transmittal letter and project description by CenterPoint, signed by Chris LaNasa,

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 on 11-13-17. A design review phone call was held on 11-14-2017.

Ditches: There is not a public ditch on the property.

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

Erosion and Sediment Control: Soil affected by the proposal is Alluvial.
   • Stabilizing vegetation is proposed for disturbed areas within seven (7) days of
     rough grading.
   • Soil stockpiles are not proposed.
   • 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 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 does not require dewatering.

Floodplain: There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevation is at 850 feet. The project does propose to place fill within the floodplain but is filling material that was previously lost when the pipe was exposed. The total floodplain impact is 0 acre-feet. The proposed impact is within the flood fringe. Compensatory storage is provided. There are flooding concerns upstream and downstream.

High Water Flooding: Information has not been provided to substantiate low floor elevations and is not needed, no structures proposed.

Groundwater: Geotechnical information collected through the GIS data search indicates long term groundwater elevation is present at 0 to 8 feet below the surface.

The site is not within a Municipal Drinking Water Supply Area (DWSMA).

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: The Owner of the Stormwater Management features and treatment practices is CenterPoint Energy. The Stormwater Treatment Practices (STPs) consisting of the following:

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
<th>Maintenance Responsibility</th>
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</thead>
<tbody>
<tr>
<td>Vegetated riprap bank</td>
<td>36LF</td>
<td>CenterPoint Energy</td>
</tr>
</tbody>
</table>

Inspection and maintenance of stormwater facilities will be the responsibility of CenterPoint Energy. A maintenance agreement has not been executed. The applicant has not submitted a Maintenance Plan and is not needed as this pipe section is already in their area of care.
Easements: The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required. A maintenance access to all storm water management features is provided.

**Stormwater & Hydrology:** Infiltration is allowed within the project area but is not needed due to the nature 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. Properties and waterways downstream from the project are protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. There is no concentrated storm water leaving the site. All on-site constructed storm water conveyance channels are constructed to withstand the expected velocity from a 2-year frequency storm without erosion.

**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). The major stressors are Total Suspended Solids (TSS). 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. The project is wetland dependent. The project meets the utilities exemption criteria.

**Wetland Replacement Plan:** A wetland replacement plan 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:** $2005.00
**Wetland Escrow:** $ N/A
There are not ditch liens on the property.
ISSUES/CONCERNS:

<table>
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<tr>
<th>ISSUE</th>
<th>NEED</th>
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</thead>
<tbody>
<tr>
<td>Escrows: $2,000 + (0.01 ac * $500/ac) = $2005.00</td>
<td>1. Receipt of escrows.</td>
</tr>
</tbody>
</table>

RECOMMENDATION: Approve with 1 Stipulation

Stipulations:
1. Receipt of escrows.