COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: May 13, 2019
AGENDA NUMBER: 22
FILE NUMBER: 19-094
ITEM: Connexus VTN 36 Hanson Blvd – Coon Creek Crossing

RECOMMENDATION: Approve with 3 Stipulations

APPLICANT: Connexus Energy
Attn: Debbie Tyler
14601 Ramsey Blvd NW
Ramsey, MN 55303

PURPOSE: 200 LF Replace and relocate underground utility line

LOCATION: Along Hanson Blvd at Coon Creek, 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.
5. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
1. Project Narrative and Figures; by Connexus Energy, undated, received 5/1/19.

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 County Ditch 54 (Coon Creek) according to the public drainage map. The approved/as-built elevations at the crossing is 844.72 ft MSL.

The ditch is a 5th order stream. The ditch serves the primary role of
a. Trunk drainage system

Ditch Hydraulics: A crossing of the ditch is proposed. A utility line will be installed below the creek.

Erosion and Sediment Control: Soils affected by the proposal are Isanti and Rifle.
- 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.
- No storm sewer impacted as part of the 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 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.

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 project does not propose to place fill within the floodplain. There are flooding concerns upstream or downstream.

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

Groundwater: Geotechnical information has not been provided 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 proposed project is consistent with local planning and zoning. There is an approved local water plan.

No changes in drainage are expected.

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

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

**Stormwater & Hydrology:** No new impervious proposed as part of the project, storm water requirements do not apply. 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 volume, velocity and peak water flow rates of storm water runoff are expected. No concentrated storm water proposed as part of this project. No on-site constructed storm water conveyance channels are proposed as part of this 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 CD 54 (Coon Creek). Coon Creek is impaired for (Aquatic Life (Macro-invertebrates)/ Aquatic Recreation (E. coli). The major stressors are Total Suspended Solids (TSS)/ 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 the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have not been delineated.
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.

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: $2,005

Wetland Escrow: $N/A

There are ditch liens on the property.

ISSUES/CONCERNS:

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<thead>
<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tbody>
<tr>
<td>Escrows: $2,000 + (0.01 ac * $500/ac = $2,005</td>
<td>1. Receipt of escrows.</td>
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<tr>
<td>Soils &amp; Erosion Control: Erosion Control Plan not provided.</td>
<td>2. Provide Erosion Control Figure showing bore pit, soil stockpile, and associated erosion control practice locations. Show perimeter control around any soil stockpiles. Include a note on plans to stabilize all disturbed soils within 7 days of rough grading or inactivity.</td>
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