COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: February 10, 2020
AGENDA NUMBER: 8
FILE NUMBER: 20-019
ITEM: NNG Elk River-Lexington Verification Dig 2557

RECOMMENDATION: Table with 7 Conditions and 1 Stipulation

APPLICANT: Northern Natural Gas Company
1120 Centre Pointe Drive, Suite 400
Mendota Heights, MN 55120

PURPOSE: Access and complete pipeline maintenance activities to address identified anomalies along existing pipeline

LOCATION: NE quarter of Section 31, Township 32N, Range 22W, Anoka County
APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes, or water courses
2. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
2. FERC Plan and Procedures; by Federal Energy Regulation Commission, dated May 2013, received 1/15/2020.
3. USFWS IPaC Review Summary; by E3 Environmental, dated 1/7/2020, 1/15/2020.
4. Joint Application Form for Activities Affecting Water Resources in Minnesota; by NNG and E3 Environmental, dated 1/10/2020, received 1/15/2020.
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 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 Isanti 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 but 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 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 not been provided at the outlets of all storm sewer pipes; no storm sewer pipes proposed as part of this project.
- All storm sewer inlets are not protected from sediment-laden water during construction; no storm sewer inlets impacted as part of this project.
- All work adjacent to water or related resource has not 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 provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

Dewatering: Shallow ground water exists on site. The project may require dewatering.

An assessment of risks to other water and related resources has not been conducted.
Floodplain: There is no floodplain on the property according to the District model and FEMA.

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

Groundwater: Geotechnical information 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.

Property owners affected by changes in drainage have not been notified and acknowledge the changes proposed.

Maintenance: No Stormwater Management features, and treatment practices are 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: Infiltration requirements are not applicable to the project; no new impervious is 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 discharges into wetlands are pretreated via overland 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 not within one (1) mile of an Impaired 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. Wetlands have not been delineated. The wetland boundary has not been checked.

The wetland is a DNR protected water. It is unknown where the jurisdictional boundary is located.

The total proposed wetland impact is unknown square feet. The impact is through fill/excavation in locations as shown below:

TEP members have been notified with a complete plan and have been requested to submit comments. The project is not wetland dependent.

It is unknown if the project is exempt.

The applicant does need to contact the DNR area hydrologist and the Corps of Engineers.
**Wetland Replacement Plan:** A wetland replacement plan has not been submitted and is not required.

**Wildlife:** The proposed project does 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 propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

**Performance Escrow:** $2,005.00

**Wetland Escrow:** $ N/A

There are not 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 = $2,005.00</td>
<td>1. Receipt of escrows.</td>
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<td>Soils &amp; Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity. FERC Plan and Procedures section V.D.3.d. specifies to seed all disturbed soils within 6 working days of final grade. FERC Plan and Procedures section IV.B.6. specifies to stabilize topsoil piles but does not specify a timeframe.</td>
<td>2. Update Project Map/Erosion and Sediment Control Plan to include the following:</td>
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<td>Construction activity is proposed within a wetland. Project Map currently shows a single row of perimeter control around the temporary workspace.</td>
<td>a. Disturbed soils are to be stabilized within seven (7) days of rough grading or inactivity.</td>
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<td>Dewatering may be required as part of the project.</td>
<td>b. Soil stockpiles are to be stabilized within seven (7) days of rough grading or inactivity.</td>
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<td>Wetlands: Wetlands will be impacted. The wetland is Public Water Basin #02052900. The jurisdictional boundary is unknown.</td>
<td>d. Show double row perimeter control around temporary workspace.</td>
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<td>Proposed wetland impacts are conflicting. Joint application Part 4 and Appendix A</td>
<td>3. Provide Water Appropriation Permit from the Minnesota Department of Natural Resources.</td>
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<td>4. Provide:</td>
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<td>a. A level 1 offsite wetland delineation.</td>
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<td>b. DNR Public Waters Work Permit.</td>
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<td>5. Clarify the extent of wetland impacts.</td>
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</table>
Wetland restoration is not described.

6. Provide wetland seed mix to be used for restoration.

**Wildlife:** The proposed project may include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.

7. Provide documentation from the DNR if the proposed project includes endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.

**RECOMMENDATION:** Table with 7 Conditions and 1 Stipulation

**Conditions:**

1. Receipt of escrows.
2. Update Project Map/Erosion and Sediment Control Plan to include the following notes:
   a. Disturbed soils are to be stabilized within seven (7) days of rough grading or inactivity.
   b. Soil stockpiles are to be stabilized within seven (7) days of rough grading or inactivity.
   c. Show double row perimeter control around temporary workspace.
3. Provide Water Appropriation Permit from the Minnesota Department of Natural Resources.
4. Provide:
   a. A level 1 offsite wetland delineation.
   b. DNR Public Waters Work Permit.
5. Clarify the extent of wetland impacts.
6. Provide wetland seed mix to be used for restoration.
7. Provide documentation from the DNR if the proposed project includes endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.

**Stipulations:**

1. Provide site photos pre and post construction to verify contours are restored to pre-existing conditions.