COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: August 26, 2019
AGENDA NUMBER: 12
FILE NUMBER: 19-160
ITEM: Lexington 6/8 Maintenance Dig DNT 3

RECOMMENDATION: Approve with 4 Stipulations

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

PURPOSE: Maintenance Dig to inspect and repair as necessary anomaly on existing pipeline

LOCATION: Access Point is ½ mile west of Highway 65 and ½ mile north of Hwy 10, Blaine 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. Appropriation and use of groundwater
6. High water table, outwash and organic soils
7. High infiltration soils
8. Highly erodible soils
9. Endangered, Threatened or Special concern species, elements or communities

EXHIBITS:
1. Project Details Report; by E3 Environmental, dated 8/14/19, received 8/14/19.
2. FERC Plan and Procedures; received 8/14/19.
3. USFWS Review Summary; by E3 Environmental, dated 8/13/19, received 8/14/19.
4. Wetland Memo: by BRK Environmental Consulting dated 8/14/19, received 8/14/19.

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 adjacent to the property. The public ditch is County Ditch 17 according to the public drainage map. No work is proposed within the ditch.
**Ditch Hydraulics:** A crossing of the ditch is not proposed. The gas line does extend below CD 17.

**Erosion and Sediment Control:** Soils affected by the proposal are Millerville, Isanti and Zimmerman. No site-specific ESC figure provided.

- 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 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.
- 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.
- Details provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

**Dewatering:** Shallow ground water does exist on site. The anticipated dewatering will not require a DNR water appropriations permit.

**Floodplain:** There is floodplain on the property according to the District model. The District’s floodplain elevation is at 902.0 feet.

**Groundwater:** Geotechnical information is not provided. Groundwater is expected in the excavation and will be managed by pumping from the excavation.

The project site is not within the 10 Year Well Head Protection 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: There are no new Stormwater Management features and treatment practices proposed.

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

Stormwater & Hydrology: Infiltration requirements are not applicable on the project, no new impervious 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 within one (1) mile of and drains to an Impaired Water. The Impaired Water is CD 17. CD 17 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) and 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. Wetlands have not been delineated. The wetland boundary has been checked an no wetlands in the project area were identified.

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 will occur.

**Performance Escrow:** $2,290  
**Wetland Escrow:** $N/A  
There are not ditch liens on the property.

### ISSUES/CONCERNS:

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<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tr>
<td>Escrows: $2,000 + (0.58 ac * $500/ac = $2,290)</td>
<td>1. Receipt of escrows.</td>
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<td>Floodplain: Grading within the floodplain is proposed. No grading plan provided.</td>
<td>2. Provide as-built elevation shots before and after project is completed to ensure no floodplain fill occurred.</td>
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| Soils & Erosion Control: Site specific ESC Figure not provided. | 3. Provide figure of ESC items. The figure must be at a scale that can accurately identify the location of ESC items:  
  a. double row silt fence adjacent to wetlands  
  b. silt fence to protect adjacent properties  
  c. soil stockpiles location and protection  
  d. construction entrance  
  4. Update to stabilize vegetation within 7 days of rough grading or inactivity; including soil stockpiles. |

### RECOMMENDATION: Approve with 4 Stipulations

**Stipulations:**

1. Receipt of escrows.
2. Provide as-built elevation shots before and after project is completed to ensure no floodplain fill occurred.
3. Provide figure that shows location of ESC items:  
   a. double row silt fence adjacent to wetlands  
   b. silt fence to protect adjacent properties  
   c. soil stockpiles location and protection  
   d. construction entrance  
4. Update to stabilize vegetation within 7 days of rough grading or inactivity.