COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: August 26, 2019
AGENDA NUMBER: 11
FILE NUMBER: 19-159
ITEM: Lexington 6/8 Maintenance Dig DNT 4

RECOMMENDATION: Table with 7 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: 2300 feet east of Highway 65 and 1,000 feet north of 93rd
Lane NE, Blaine MN
APPLICABILITY:
1. Any work within or adjacent to a Public ditch within the Watershed District.
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.
5. High water table, outwash and organic soils.
6. High infiltration soils.
7. Highly erodible soils.
8. Excavation or filling or a combination of excavation and filling of sand or other 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.
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.

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 41 according to the public drainage map.

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

Erosion and Sediment Control: Soils affected by the proposal are Isanti and Rifle. Site specific ESC figure not 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 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 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 907.7 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 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 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. A maintenance access to all storm water management features is not provided.

**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 not within one (1) mile of and drains to 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 been delineated. The most recent delineation was completed on 7/29/19. The wetland boundary has not been checked or approved.

The wetland is a DNR protected water.

The total proposed wetland impact is Unknown. The impact may be through conversion in 1 location as shown below:
The de minimis is 2,500 sf (type 1, 2, 6, 7, 8) or 100 sf (type 3, 4, 5). TEP members have not been notified with a complete plan and have not 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 may propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

**Performance Escrow:** $2,115  
**Wetland Escrow:** $Unknown.  
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><strong>Escrows:</strong> $2,000 + (0.23 ac * $500/ac = $2,115</td>
<td>1. Receipt of escrows.</td>
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<tr>
<td><strong>Floodplain:</strong> 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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<td><strong>Groundwater:</strong> Dewatering is anticipated during the construction of the proposed project.</td>
<td>3. Provide statement whether dewatering will be required for the construction of the proposed project. If yes, provide well-field location, rates, discharge location, schedule and quantities. Apply for DNR water appropriation permit.</td>
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</table>
| **Soils & Erosion Control:** Site specific ESC figure not provided. | 4. 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  
5. Update to stabilize vegetation within 7 days of rough grading or inactivity; including soil stockpiles. |
| **Wetlands:** A wetland delineation has been provided and the delineation report has not been approved. Jurisdictional status of the wetland is unknown until the boundary/type is confirmed. | 6. Provide wetland applications to request delineation boundary/type approval. |
| **Wildlife:** The proposed project may include endangered or threatened species, rare natural communities, colonial | 7. Provide documentation from the DNR if the proposed project includes endangered or threatened |
waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.

| species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors |

**RECOMMENDATION:** Table with 7 Stipulations

**Stipulations:**

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2. Provide as-built elevation shots before and after project is completed to ensure no floodplain fill occurred.
3. Provide statement whether dewatering will be required for the construction of the proposed project. If yes, provide well-field location, rates, discharge location, schedule and quantities. Apply for DNR water appropriation permit.
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   c. soil stockpiles location and protection
   d. construction entrance
5. Update to stabilize vegetation within 7 days of rough grading or inactivity
6. Provide wetland applications to request delineation approval.
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.