COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: November 13, 2017
AGENDA NUMBER: 11
FILE NUMBER: 17-212
ITEM: Koch Pipeline Dig Site 17-0152

RECOMMENDATION: Approve with 3 Stipulations

APPLICANT: Koch Pipeline Company, LLC
Attn: Wade Parrott
P.O. Box 64596
St. Paul, MN 55155

PURPOSE: Conduct a pipeline integrity dig, inspection, and repair as necessary.

LOCATION: North of Apollo St NE, Columbus, MN

APPLICABILITY:
1. Any work in or adjacent to wetlands, lakes or water courses
2. The lands and waters that have been, or may be covered by the regional flood.
3. High water table, outwash and organic soils
4. Endangered, Threatened or Special concern species, elements or communities
EXHIBITS:
1. Permit Application Signed and dated 10-31-17, received 11-1-17.
2. Project Memo; by Carissa Baumeister - Koch Pipeline Company, dated 10-31-17, received 11-1-17.
3. Erosion Control Figures; by E3 Environmental, dated 10-31-17, received 11-1-17.

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 Markey.
- Stabilizing vegetation is not proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles have not been proposed to be fitted with sediment-trapping measures to prevent soil loss.
- 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.
- Impacts to existing storm sewer pipes are not expected as part of this 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 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 require dewatering.
**Floodplain:** There is floodplain on the property according to the District model. The District’s floodplain elevation is at 899.3 feet. The project does not propose to place fill within the floodplain. There are no flooding concerns upstream and/or downstream.

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

**Groundwater:** Geotechnical information was not provided and is not needed because no structures or infiltration practices are proposed.

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.

No changes to drainage are expected as part of the project.

**Maintenance:** No Stormwater Management features and treatment practices are proposed as part of the project.

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

**Stormwater & Hydrology:** No impervious proposed, stormwater requirements do not apply. No changes to stormwater are expected as part of the project. Stormwater leaving the site is not discharged into a well-defined receiving channel or pipe and routed to a public drainage system.

Drainage sensitive uses do 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 applicant has applied and qualifies for the WCA utilities exemption. The wetland is a DNR protected water.

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: $2001.50
Wetland Escrow: $ N/A
There are not ditch liens on the property.

**ISSUES/CONCERNS:**

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<th>ISSUE</th>
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<td>Escrows: $2,000 + (0.003 ac * $500/ac) = $2001.50</td>
<td>1. Receipt of escrows.</td>
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| Soils & Erosion Control: District requires all stabilization vegetation be within seven (7) days of rough grading or inactivity. Soil stockpiles have not been proposed to be fitted with sediment-trapping measures to prevent soil loss | 2. Update erosion control plan with the following information:
| Dewatering is anticipated as part of this project. | a. Stabilize vegetation in 7 days of rough grading or inactivity.
| | b. Provide sediment-trapping measures to prevent soil loss around soil stockpiles |
| | 3. Provide dewatering permit prior to construction. |

**RECOMMENDATION:** Approve with 3 Stipulations

**Stipulations:**

1. Receipt of escrows.
2. Update erosion control plan with the following information:
   a. Stabilize vegetation in 7 days of rough grading or inactivity.
b. Provide sediment-trapping measures to prevent soil loss around soil stockpiles
3. Provide dewatering permit prior to construction.