COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: January 13, 2020
AGENDA NUMBER: 20
FILE NUMBER: 19-217
ITEM: NE585 Span Replacement

RECOMMENDATION: Approve with 1 Condition and 1 Stipulation

APPLICANT: Comcast
Attn: Andy Dols
4255 Lexington Ave N
Arden Hills, MN 55126

PURPOSE: Replacement of damaged CATV cable

LOCATION: 16864 Lexington Ave NE, Ham Lake 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.
4. Activities upstream from land that is dependent upon removal of water from the soil profile for their continued use (Drainage Sensitive Land Uses)
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 drawings (2 sheet); by unknown, undated, received 12/20/2019.
PREVIOUS ACTION TAKEN: This is an after the fact 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 Coon Creek according to the public drainage map. The approved elevations through this property are 893.4 ft MSL at the downstream end and 893.5 ft MSL at the upstream end.

The existing elevations through this property are 899.1 ft MSL at the downstream end and 902.7 MSL at the upstream end. Existing elevations, slopes and condition of the ditch are fair. The ditch is a 2nd order stream. The ditch serves the primary role of agricultural drainage. The ditch serves approximately 100+ acres of agricultural land. Land use in the area is toward agricultural. There are no flooding concerns upstream and/or downstream. The ditch has been inspected. The ditch is not in need of repair. Alternatives to repair and additional drainage have been considered and reviewed.

Ditch Hydraulics: A crossing of the ditch is proposed. The proposed crossing involves the replacement of an existing underground cable. No changes to ditch hydraulics.

Erosion and Sediment Control: Soils affected by the proposal are Lino, Isanti, and Rifle.

- Stabilizing vegetation was not proposed for disturbed areas within seven (7) days of rough grading, however, vegetation was stabilized after project was completed.
- Soil stockpiles were not proposed to be fitted with sediment-trapping measures to prevent soil loss and did 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 were not 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 been provided at the outlets of all storm sewer pipes.
- All storm sewer inlets are protected from sediment-laden water during construction.
- All work adjacent to water or related resource had taken precautions to contain sediment, and stabilize the work area during construction.
- Provisions were made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
- Provisions were made for cleaning road surfaces where sediment is transported by the end of the day.
• Construction entrance points are not clearly located on the erosion and sediment control plan and are not needed due to the type of project.
• The erosion and sediment control plan does not provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
• Details were not proved provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.) and are not needed.

**Dewatering:** Shallow ground water may exist on site. The project does not require dewatering.

**Floodplain:** There is no floodplain on the property according to the District model and FEMA.

**Groundwater:** Geotechnical information is not required for this project.

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 or acknowledged the changes proposed.

**Maintenance:** There are no stormwater management features proposed as a 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. Stormwater requirements do not apply.

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/stormwater basins 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 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.

**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.

**Performance Escrow**: $2,400.00  
**Wetland Escrow**: $N/A

There are not ditch liens on the property.

**ISSUES/CONCERNS:**

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<th>ISSUE</th>
<th>NEED</th>
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<td>Escrows: $2,000 + (0.8 ac * $500/ac = $2,400.00</td>
<td>1. Receipt of escrows.</td>
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**RECOMMENDATION**: Approve with 1 Condition and 1 Stipulation:

**Conditions**:
1. Receipt of escrows.

**Stipulations**:
1. Submittal of as-builts to ensure 4-foot separation from top of utility line to bottom of existing culvert.