COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: June 26, 2017
AGENDA NUMBER: 11
FILE NUMBER: 17-109
ITEM: Lindbo Decking

RECOMMENDATION: Deny

APPLICANT: Leif Lindbo
9772 Vale St NE
Coon Rapids, MN 55433

PURPOSE: 225 SQ FT Deck on 0.23 Acre Lot

LOCATION: North of intersection of Vale St NW and Unity St NW,
Coon Rapids, 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. High water table, outwash and organic soils
6. High infiltration soils
7. Highly erodible soils

EXHIBITS:
1. Deck details and location (3 sheets); by unknown, undated, received 5/2/17.
2. Project Schedule; by unknown, undated, received 5/2/17.

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 a public ditch on the property. The public ditch is Lower Coon Creek according to the public drainage map.

The elevations and grades through this property are 819.4 ft MSL and 0.12% slope.
Alternatives to repair and additional drainage have been considered and reviewed.

The ditch is a 5th order stream. The ditch serves the primary role of
a. Trunk drainage system

The ditch serves approximately acres of agricultural land.
Land use in the area is Single Family Residential and vacant.
There are flooding concerns upstream and downstream.

The ditch has been inspected.
Existing elevations, slopes and condition of ditch are good.
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 not proposed.

Erosion and Sediment Control: Soils affected by the proposal are Alluvial. Installation of deck footings only groundwork expected as part of the project.
- Stabilizing vegetation is proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles are not anticipated as part of the project.
- 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 pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity.
• No storm sewer inlets or outlets proposed as part of the project.
• All work adjacent to water or related resource has taken precautions to contain sediment, and stabilize the work area during construction.
• Sediment tracking not anticipated as part of the project.
• Construction entrance points are not clearly located on the erosion and sediment control plan.

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. The District’s floodplain elevation is at 828.3 feet. The project does not propose to place fill within the floodplain. The total floodplain impact is 0 acre-feet.

High Water Flooding: Information has not been provided to substantiate low floor elevations and is not needed.

Groundwater: Geotechnical information was not provided and is not needed.

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 not consistent with local planning and zoning. Approximately 50% of the deck is proposed to be located in a Drainage & Utility Easement. The City of Coon Rapids explained that they will not approve the project and indicated the District do the same.

Maintenance: No Stormwater Management features or 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:** Infiltration is allowed within the project area. The 1-inch infiltration is achieved via overland flow. Stormwater leaving the site is discharged into a well-defined receiving channel or pipe and routed to a public drainage system.

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 as part of the project. No concentrated storm water anticipated as part of the project. No on-site constructed storm water conveyance channels are proposed.

**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 by a sediment basin/water quality pond, and are designed correctly. 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 Lower Coon Creek. Lower 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 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:** $ N/A
**Wetland Escrow:** $ N/A
There are not ditch liens on the property.

**ISSUES/CONCERNS:**

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<th>NEED</th>
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<tr>
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<tr>
<td>Local Planning &amp; Zoning</td>
<td>1. Project is within a Drainage and Utility Easement. City will deny the project.</td>
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**RECOMMENDATION:** Deny