COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: November 25, 2019
AGENDA NUMBER: 7
FILE NUMBER: 19-209
ITEM: Sunrise Lake Boat Ramp

RECOMMENDATION: Approve with 3 Stipulations

APPLICANT: The Lake Master Association
8100 Old Cedar Ave S
Bloomington, MN 55425

PURPOSE: Silt removal from boat ramp

LOCATION: Edison St, 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.
4. 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.

EXHIBITS:
1. Construction Plan set (3 sheets); by MT Carpenter Landscape, dated 10/31/19, received 10/31/19.

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 on the property. The public ditch is County Ditch 41-7 according to the public drainage map. The approved/as-built elevations through this property are 889.20 ft MSL at the downstream end and 889.56 ft MSL at the upstream end.

The ditch is a 2nd order stream. The ditch serves the primary role of
a. Trunk drainage system
The ditch has been inspected. The ditch is not in need of repair.

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

**Erosion and Sediment Control:** Soil affected by the proposal is Rifle.

- Stabilizing vegetation is not proposed for disturbed areas within seven (7) days of rough grading and is not needed. No new grading occurring as a part of this project.
- Soil stockpiles have not 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 not 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.
- 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 has taken precautions to contain sediment, and stabilize the work area during construction.
- Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
- Provisions have not been 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.
- 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 not provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

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

**Floodplain:** There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevation is at 893.6 feet. The project does not propose to place fill within the floodplain. No proposed impact within the floodway/flood fringe. Compensatory storage is not needed. There are no flooding concerns upstream or downstream.
High Water Flooding: Information to substantiate low floor elevations is not required as no new structures are proposed for this project.

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 and it is not needed.

Maintenance: No Stormwater Management features, or treatment practices are proposed for this project.

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

Stormwater & Hydrology: Infiltration requirements are not applicable to this project, no new impervious surfaces 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 volume, velocity, or peak water flow rates of stormwater runoff are expected. No concentrated stormwater is expected as part of this project. No on-site constructed stormwater conveyance channels will be constructed as part of this 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. No discharges into wetlands/stormwater basins are proposed as part of the project. 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 or drain to an Impaired 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:** $2,085.00  
**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><strong>Escrows:</strong> $2,000 + (0.17 ac * $500/ac = $2,085.00</td>
<td>1. Receipt of escrows.</td>
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| **Soils and Erosion Control:**  
Soil stockpiles have not 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.  
Construction schedules detailing when sediment trapping measures will occur; stabilization of earthen structures and the general timing of construction phases have not been provided.  
Provisions have not been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface  
Construction entrance points are not clearly located on the erosion and sediment control plan.  
Provisions have not been made for cleaning road surfaces where sediment is transported by the end of the day.  
| 2. Update Erosion and Sediment Control Plan to include:  
a. Clarify how dredged sediment is being disposed of and if any stockpiling is proposed. If stockpiling is proposed, provide sediment trapping measures and note on plan to stabilize within seven (7) days of inactivity.  
b. Provide construction schedule detailing when floating silt curtain will be installed and general timing of work.  
c. Provide the construction entrance point and clarify if construction equipment will be driving over bare soils. If so, update plan to include provisions for minimizing sediment tracking onto paved surfaces.  
d. Update plan to include a note that road surfaces will be swept clean of any tracked sediment. |
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 not provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

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<td>e. Update plan to include a note that all temporary and permanent erosion and sediment control practices will be repaired and maintained as needed.</td>
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<td>3. Update plan to include details for floating silt curtain and any other erosion and sediment control measures.</td>
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**RECOMMENDATION:** Approve with 3 Stipulations

**Stipulations:**

1. Receipt of escrows.
2. Update Erosion and Sediment Control Plan to include:
   a. Clarify how dredged sediment is being disposed of and if any stockpiling is proposed. If stockpiling is proposed, provide sediment trapping measures and note on plan to stabilize within seven (7) days of inactivity.
   b. Provide construction schedule detailing when floating silt curtain will be installed and general timing of work.
   c. Provide the construction entrance point and clarify if construction equipment will be driving over bare soils. If so, update plan to include provisions for minimizing sediment tracking onto paved surfaces.
   d. Update plan to include a note that road surfaces will be swept clean of any tracked sediment by the end of each day.
   e. Update plan to include a note that all temporary and permanent erosion and sediment control practices will be repaired and maintained as needed.
3. Update plan to include details for floating silt curtain and any other erosion and sediment control measures.