COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: October 28, 2019
AGENDA NUMBER: 8
FILE NUMBER: 19-113
ITEM: Mulrooney/Jurva Pond

RECOMMENDATION: Approve with 0 Stipulations

APPLICANT: City of Coon Rapids
Mark Hansen
11155 Robinson Dr.
Coon Rapids, MN 55433

PURPOSE: Connection to City storm sewer and fill in non-functioning pond

LOCATION: 114th Lane NW, Coon Rapids, MN
APPLICABILITY:
1. Within 1 mile of an impaired waters.
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. High infiltration soils.
5. Highly erodible soils.

EXHIBITS:
1. Construction Plan set (2 sheets); by unknown, undated, received 10/10/2019.

PREVIOUS ACTION TAKEN: This is a new after the fact application.

FINDINGS:
Pre-application Meeting: The project as submitted has 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: Soil affected by the proposal is Nymore.
   • Stabilizing vegetation is 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 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 is 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 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 did provide for the repair and maintenance of all temporary and permanent erosion and sediment control practices.

Details are provided for ESC (riprap, perimeter control, concrete washout, inlet protection, etc.)

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

Floodplain: There is floodplain on the property according FEMA. FEMA’s floodplain elevation is approximately 841.3 feet. The project does not propose to place fill within the floodplain. Based on aerial images and LiDAR, does not appear as though the existing covered pond would be considered floodplain storage and therefore there is no fill. The total floodplain impact is 0 acre-feet. The proposed impact is not within the floodplain/flood fringe. Compensatory storage is not needed. 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; no structures proposed.

Groundwater: Geotechnical information has not been provided and is not needed, no structures or infiltration proposed.

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 been notified and acknowledge the changes proposed.

**Maintenance:** No Stormwater Management features or treatment practices 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 not required, no 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 anticipated as part of the project. Concentrated storm water leaving a site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. No on-site constructed storm water conveyance channels proposed 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 by 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 the Mississippi River. The Mississippi River is impaired for aquatic consumption. The major stressors are PCB-F and Mercury. There is an EPA approved Total Maximum Daily Load (TMDL) for mercury.

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. Wetlands have not been delineated

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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RECOMMENDATION: Approve with 0 Stipulations
Stipulations: