COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: February 10, 2020
AGENDA NUMBER: 11
FILE NUMBER: 20-022
ITEM: Runway 18 Obstruction

RECOMMENDATION: Table with 4 Conditions and 1 Stipulations

APPLICANT: Metropolitan Airports Commission
6040 28th Ave S
Minneapolis, MN 55450

PURPOSE: Tree Clearing

LOCATION: Radisson Road, Blaine

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. Endangered, Threatened or Special concern species, elements or communities

**EXHIBITS:**
1. Project Narrative/Email Correspondence; by SEH, dated 1/29/2020, received 1/29/2020.
2. Obstruction Removal Figure; by SEH, dated 1/2020, received 1/30/2020.
3. Erosion Control Narrative; by SEH, dated 1/30/2020, received 1/30/2020.
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 Lino and Isanti.

- 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 and do not have a note to stabilize within seven (7) days of inactivity. No stockpiles proposed.
- 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 required.
- Stabilization adequate to prevent erosion has not been provided at the outlets of all storm sewer pipes. No outlets proposed.
- All storm sewer inlets are not protected from sediment-laden water during construction. No inlets impacted.
- 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 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 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 to the District model and FEMA. The District’s floodplain elevation is at 902.7 feet. The project does not propose to place fill within the floodplain. The total floodplain impact is 0 acre-feet. 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 required. No structures proposed.

Groundwater: Geotechnical information has not been provided and is not needed.
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 applicant has applied to the City. The City has completed its review of the plans.

The City has no water resource issues or concerns with the project at this time.

**Maintenance:** A maintenance agreement has not been executed and is not needed. No stormwater treatment practices proposed.

Easements: The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required. No stormwater management features proposed.

**Stormwater & Hydrology:** Infiltration requirements are not applicable to this project; no new impervious is proposed.

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, or peak water flow rates of stormwater runoff are anticipated. No concentrated storm water proposed as part of this project. No on-site constructed storm water conveyance channels 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 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 wetland boundary has not been checked.
The wetland is a DNR protected water.

The total proposed wetland impact is unknown. The impact is through temporary fill.

TEP members have been notified with a complete plan and have been requested to submit comments. The project is not wetland dependent.

The project is not exempt.

The applicant does need to contact the DNR area hydrologist and the Corps of Engineers.

**Wetland Replacement Plan:** A wetland replacement plan has not been submitted and is not required.

**Wildlife:** The proposed project does include endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors. The applicant has contacted the MDNR natural heritage or endangered species program. The applicant has indicated that contact was made. MDNR has not responded to the applicant.

If the project is present, the project may propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

**Performance Escrow:** $4,250  
**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 + (4.5 ac * $500/ac) = $4,250</td>
<td>1. Receipt of escrows.</td>
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| **Soils & Erosion Control:** Erosion Control Plan does not meet District requirements. It is understood that this project will not likely result in ground disturbance. In the event that soil is disturbed due to vehicle traffic or clearing activities, the District requires soils to be stabilized within 7 days of inactivity. | 2. Provide an Erosion Control Plan Exhibit with the following:  
a. Include a note to stabilize disturbed soil within 7 days of inactivity.  
b. Include provisions to minimize the transport of sediment onto paved surfaces. A rock or mulch construction entrance/exit is recommended.  
c. Include a note to clean road surfaces where sediment is transported by the end of the day.  
d. Provide for the repair and maintenance of all temporary... |
**Wetlands:** Wetlands may be impacted. The LGU has requested comments from the TEP. The TEP has recommended construction matting within wetland areas.

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<td>d. Provide for the repair and maintenance of all temporary sediment control practices.</td>
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<td>3. Provide construction matting within wetland areas so rutting does not occur and quantify the temporary impacts.</td>
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<td>4. Provide documentation from the DNR if the proposed project includes endangered or threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas or wildlife travel corridors.</td>
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<td>1. Verification during the growing season is required to ensure that soil disturbance and wetland impacts did not occur.</td>
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