**COON CREEK WATERSHED DISTRICT
PERMIT REVIEW**

<table>
<thead>
<tr>
<th>MEETING DATE:</th>
<th>April 22, 2019</th>
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<tbody>
<tr>
<td>AGENDA NUMBER:</td>
<td>9</td>
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<tr>
<td>FILE NUMBER:</td>
<td>19-078</td>
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<td>ITEM:</td>
<td>Spring Lake Park High School Activities Improvements</td>
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**RECOMMENDATION:** Approve with 3 Stipulations

**APPLICANT:** Spring Lake Park Schools  
1415 81st Avenue NE  
Spring Lake Park, MN 55432

**PURPOSE:** Reconstruct athletic facilities and install new synthetic turf field with approximately 6.3 acres of disturbance.

**LOCATION:** Spring Lake Park High School Property at 1100 81st Avenue NE, Spring Lake Park
APPLICABILITY:
1. One or more cumulative acres of land disturbance

EXHIBITS:
1. Construction Plan set (8 sheets); by AJA dated 2/27/19, received 4/10/19.
2. Stormwater Management Report; by AJA dated 4/10/19, received 4/10/19.

PREVIOUS ACTION TAKEN: This is a new application.

FINDINGS:
Pre-application Meeting: (District to Fill Out) 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.

Erosion and Sediment Control: Soils affected by the proposal are Urban Land - Zimmerman.
• 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 been provided.
• Stormwater runoff does not pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity. Temporary sedimentation basin is not applicable for site with not more than 5 combined acres draining to the same location.
• Stabilization adequate to prevent erosion has been provided at the outlets of all storm sewer pipes.
• All storm sewer inlets are not protected from sediment-laden water during construction. Note inlet protection devices for all existing and proposed structures downstream of the construction area.
• 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 does 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 is not expected to require dewatering.

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

Groundwater: Geotechnical information collected in February 2008 indicates long term groundwater elevation is present at 12-16 feet below the surface.

The project site is not within the Emergency Response Area, 10 Year Well Head Protection Area or 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.

**Maintenance:** There are no Stormwater Treatment Practices (STPs) proposed.

Easements: The proposed project does not include ditch maintenance easement. A ditch maintenance easement is not required. A maintenance access to all storm water management features is not provided.

**Stormwater & Hydrology:** Infiltration is allowed within the project area. Infiltration practices are not proposed as a part of the project.

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. Properties and waterways downstream from the project are protected from erosion due to increases in the volume, velocity and peak water flow rates of stormwater runoff. Concentrated storm water leaving a site is discharged directly into a well-defined natural or man-made off-site receiving channel or pipe. All on-site constructed storm water conveyance channels are constructed to withstand the expected velocity from a 2-year frequency storm without erosion.

**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. 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 and drains to an Impaired Water.

There are no increased 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. The applicant has not contacted the MDNR natural heritage or endangered species program and is not required to.
If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species.

**Performance Escrow:** $5,150  
**Wetland Escrow:** $N/A

There are not ditch liens on the property.

**ISSUES/CONCERNS:**

<table>
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<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tr>
<td><strong>Escrows:</strong> $2,000 + (6.3 ac * $500/ac) = $5,150</td>
<td>1. Receipt of escrows.</td>
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<td><strong>Soils &amp; Erosion Control:</strong> The erosion control plans show gaps in the perimeter silt fence. Show additional perimeter controls or justifications for omitting perimeter controls in those areas. Inlet protection devices are not shown in the plans.</td>
<td>2. Show additional perimeter controls or justifications for omitting perimeter controls in those locations. 3. Show locations of inlet protection devices on all structures that collect concentrated surface runoff. Add sediment controls at inlet to flared end section northeast of the proposed synthetic turf field.</td>
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**RECOMMENDATION:** Approve with 3 Stipulations

**Stipulations:**
1. Receipt of escrows.
2. Show additional perimeter controls or justifications for omitting perimeter controls in those locations.
3. Show locations of inlet protection devices on all structures that collect concentrated surface runoff.