COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: December 14, 2015
AGENDA NUMBER: 14
FILE NUMBER: 15 - 152
ITEM: Green Acres

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: Karl Bodin
2579 South Coon Creek Dr
Andover MN 55304

PURPOSE: Expand usable yard for kids to play

LOCATION: 2579 South Coon Creek Dr, Andover
APPLICABILITY:
1. Any work within or adjacent to a Public Ditch within the Watershed District.
2. The lands and water that have been, or may be covered by the regional flood.
3. Activities upstream from land that is dependent upon removal of water from the soil profile for their continued use (Drainage Sensitive Uses)

EXHIBITS:

HISTORY & CONSIDERATIONS: This item has not been before the CCWD Board.

FINDINGS:
Ditches and Drainage: The ditch is County Ditch 57. The ditch has been inspected. There are approximately 200 acres of existing agricultural land affected by this ditch. There are flooding concerns downstream. Previous property owner was issued a permit for bank stabilization in 2004 (PAN 04-122).

Floodplain: There is floodplain on the property according to FEMA. The District Atlas 14 model predicts the 100-year elevation for the subwatershed at 870.4 feet. The total floodplain impact is 0.05 acre-feet, within the floodplain. Compensatory storage is not needed.

Groundwater: Groundwater information was not provided and is not needed, no buildings or infiltration proposed. The site does not include groundwater sensitive areas.

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: The proposed project does include a ditch maintenance easement or utility line crossings. No changes in drainage are proposed.

Soils & Erosion Control: Soils affected by the proposal are Alluvial and Zimmerman. Stabilizing vegetation is not proposed for disturbed areas within two weeks of rough grading. Adjacent properties are protected from sediment deposition. All wetlands, waterbodies, ponds, infiltration basins and water conveyance systems are protected from erosion and sedimentation. Project site is not greater than 1 acre; an NPDES permit is not required.

Stormwater & Hydraulics: No impervious is proposed for project and therefore, the volume management requirements do not apply. 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 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.

**Water Quality:** Project does not include new impervious drainage areas greater than 1 acre. 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.

**Wetlands:** Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI, and Soil Survey.

**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:** $2,125.00

**ISSUES/CONCERNS:**

<table>
<thead>
<tr>
<th>Floodplain</th>
<th>Soils &amp; Erosion Control</th>
<th>Escrows</th>
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<tbody>
<tr>
<td>The total floodplain impact is approximately 0.05 acre-feet, within the floodplain, which is an inconsequential to the total volume of CD 57. Compensatory storage is not needed.</td>
<td>Stabilizing vegetation needs is required within 14 days of inactivity or rough grading.</td>
<td>$2,000 + (0.25 ac * $500/ac) = $2,125.00</td>
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</tbody>
</table>

1. Provide written documentation acknowledging that stabilizing vegetation will take place within 14 days of inactivity or rough grading.

2. Receipt of escrows.

**RECOMMENDATION:** Approve with 2 Stipulations

**Stipulations:**

1. Receipt of escrows: $2,125.00
2. Provide written documentation acknowledging that stabilizing vegetation will take place within 14 days of inactivity or rough grading.