COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

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<th>August 26, 2013</th>
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<td>FILE NUMBER:</td>
<td>2-1-13-011</td>
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<td>ITEM:</td>
<td>Bromley Culvert Replacement</td>
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RECOMMENDATION: Approve with # Stipulations

APPLICANT: Scott Bromley
Anoka County Farms
125 Bunker Lake Bld
Ham Lake, MN  55434

PURPOSE: Replacement of Culvert

LOCATION: County Ditch 23 approximately 100 feet south of Bunker Lake Bld.

APPLICABILITY:
Bridges and culverts (1.06 sub 1)
Any building within the floodplain of any natural water course (1.07 sub 1)
Any activity involving drainage, filling or alteration of wetlands (1.09)
Improvement of the bed, bank or shore of lakes and public drainageways (1.10)

EXHIBITS: Permit application 7/20/13
Letter to Tim Kelly dated 8/8/13 indicating project specifics
Air Photo from Anoka County GIS showing project location

HISTORY: The Board has not reviewed this application.

CONSIDERATIONS: This project is hydraulically connected with the proposed widening of Bunker Lake Bld.

FINDINGS:
Ditches and Drainage: There is a public ditch on the property. The ditch is County Ditch 23. The ditch has been inspected. There is approximately 20.6 acres of existing agricultural land affected by this ditch. The trend in land use for this drainage area is a mix of open space, agriculture, pasture and residential. There are flooding concerns downstream. No alternatives to additional drainage have been considered or reviewed because the primary project is a replacement. However, a widening of Bunker Lake Bld and the related stormwater and proposed culvert extension under Bunker may interfere with a all or a portion of the agricultural land in question. The public ditch was last
repaired in approximately 2004. The ditch serves the primary role of agricultural drainage. It is unclear if the ditch is need of repair.

**Floodplain:** There is floodplain on the property according to the District model and FEMA. The project does not propose to place fill within the floodplain.

**Groundwater:** Surficial ground water is present at <1 ft.

**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 includes room for ditch maintenance and access to ponding areas.

**Soils & Erosion Control:** Soils affected by the proposal are . Stabilizing vegetation is proposed for disturbed areas within two weeks of rough grading. All work adjacent to wetlands, waterbodies and water conveyance systems are protected from erosion. Project site is not greater than 5 acres, an NPDES permit is not required.

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

**Wildlife:** The proposed project does not include endangered & threatened species.

**Wetlands:** Wetland exists on-site according to the 1987 Federal manual, NWI, and PWI. Wetlands have not been delineated. The wetland boundary has not been checked. No wetland impact is proposed.

**Performance Escrow:** $2,900
**Wetland Escrow:** $0

**ISSUES/CONCERNS:**

**RECOMMENDATION:** Approve with 1 Stipulation

**Stipulations:**
1. Receipt of escrows.