COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE:     August 13, 2012
AGENDA NUMBER:   13
FILE NUMBER:     12-068
ITEM:           MCES meter station bypass

RECOMMENDATION:   Approve with 1 Stipulation

APPLICANT:     Lametti and Sons
                P.O. Box 477
                Hugo, MN 55038

PURPOSE:        Replacement of a MCES Metering station between Coon Rapids
                and Fridley, MN

LOCATION:       North East corner of BNSF Railroad and County Road 132.
                Immediately North of Spring brook Nature Center.
APPLICABILITY:
1. Any work within or adjacent to a Public Ditch within the Watershed District.
2. Excavation or filling or a combination of excavation and filling of sand or other excavation or fill material including the laying, repairing, replacing or enlarging of a culvert or an underground pipe or facility where it crosses a public ditch or waters of the state.

EXHIBITS:
1. Permit application for Crossing or Culvert Installation by Randy Wesp dated 4-30-12, received 4-30-12.

HISTORY & CONSIDERATIONS: This project has not been reviewed by the Board.

FINDINGS:
Ditches and Drainage: There is a public ditch on the property. The ditch is County Ditch 17. The ditch has been inspected. There are approximately 0 acres of existing agricultural land affected by this ditch. The trend in land use for this drainage area is toward commercial and industrial. There are flooding concerns downstream.

Floodplain: There is non-detailed Zone A floodplain on the property according to FEMA. The District model is currently being updated to represent this area. The total floodplain impact is zero acre-feet, within the flood/fringeway. Compensatory storage is not needed.

Groundwater: Surficial ground water is present at an unknown elevation. The site does include groundwater sensitive areas. Information is not required to substantiate low floor elevations, no structures are proposed.

Historic Sites: The proposed project does include sites of historic or archeological significance. The proposed bypass is immediately upstream from Spring Brook Nature Center.

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 which have not been acknowledged by the applicant. No water quality features are required or proposed therefore a drainage and utility easement is not necessary. The application proposes no changes in drainage from the approved ditch plans.

Soils & Erosion Control: Soils affected by the proposal are Lino and Isanti. Stabilizing vegetation is proposed for disturbed areas within two weeks of rough grading. Adjacent properties are protected from sediment deposition. Work adjacent to water conveyance
systems is protected from erosion. Project site is not greater than 1 acre; an NPDES permit is not required.

**Stormwater & Hydraulics:** The applicant is not required to meet the volume management practice equivalent to infiltrating the first inch of precipitation because no new impervious area is proposed. Stormwater leaving the site is discharged into a well defined receiving channel 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.

**Wildlife:** The proposed project does not include endangered & threatened species, rare natural communities, colonial waterbird nesting sites, migratory waterfowl concentration areas, deer wintering areas, wildlife travel corridors. No substantial adverse alteration or significant detrimental impact on a species food supply, security or reproductive cycle or the alteration or removal of a plant species will occur.

**Wetlands:** Wetlands do exist on-site according to the NWI. Wetlands do exist on site according to the Soils Survey. This project proposes no wetland impacts.

**Escrows:** Escrows have been paid.

**Performance Escrow:** $1500 + ($10 * 150 lf of Ditch) + ($200 * 1 Acre) = $3200.00.

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<tr>
<th>ISSUES/CONCERNS</th>
<th>Needs</th>
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<td><strong>Maintenance:</strong> The proposed project does include a ditch maintenance easement but the applicant has not acknowledged this easement.</td>
<td>The applicant must acknowledge the 100’ easement centered on the ditch.</td>
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CONCLUSIONS: The project does meet District standards. Maintenance issues need to be submitted prior to issuance of a permit.

**RECOMMENDATION:** Approve with 1 Stipulation

**Stipulations:**
1. The applicant must acknowledge the 100’ easement centered on the ditch.