<table>
<thead>
<tr>
<th><strong>MEETING DATE:</strong></th>
<th>June 13, 2016</th>
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<tbody>
<tr>
<td><strong>AGENDA NUMBER:</strong></td>
<td>11</td>
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<td><strong>FILE NUMBER:</strong></td>
<td>16-072</td>
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<tr>
<td><strong>ITEM:</strong></td>
<td>Andover Animal Hospital</td>
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**RECOMMENDATION:** Approve

**APPLICANT:** Kari Wittmer  
1574 154th Ave. NW  
Andover MN, 55304

**PURPOSE:** Building and new bituminous parking surface construction

**LOCATION:** Intersection of 139th Ln. NW and Jay St. NW, Andover MN
APPLICABILITY:
1) High infiltration soils.
2) Highly erodible soils
3) Project site is not greater than 1 acre, an NPDES permit is not required

EXHIBITS:
1) Drainage Calculations By Bogart Pederson and Associates; dated 5/9/2016; received 5/10/2016
2) Preliminary Plat of the property; by E.G. Rudd and Sons; dated May 2016; received 5/10/2016
3) Grading Plan; by Bogart, Pederson and Associates; revision (1) dated 5/9/2016; received 5/10/2016, Revised sheets 2/5 and 5/5 5/24/16 received 5/24/16.
4) Geotechnical Report; by NTI, dated 3/23/2015; received 5/10/2016
5) Land Title Survey; by E.G. Rudd and Sons INC.; dated 2/1/2016; received 5/10/2016
6) Updated Erosion Control Plan; by NTI, dated 5/23/2015; received 5/24/2016
7) Sump Sizing Calculations; by NTI, dated 5/23/2015; received 5/24/2016

HISTORY & CONSIDERATIONS: The project went to the board on 5/23/2016, tabled with the following 3 stipulations:
1. Provide note on erosion control plan that rough graded areas will be stabilized within 7 days.
2. Provide calculations for the sizing of CBMH 101 to meet the 60% removal efficiency requirement or add device to improve sediment capture. If using SHASM to calculate removal rates, the MnDOT road sand particle size distribution is acceptable.
Receipt of Escrows.

FINDINGS:
Ditches: There is not a public ditch on the property. The project site is tributary to County Ditch 57.

Ditch Hydraulics:
A crossing of the ditch is not proposed.

Erosion and Sediment Control: Soils affected by the proposal are Sartell. Stabilizing vegetation is proposed for disturbed areas within one week (7 days) of rough grading. Adjacent properties and stormwater ponds are not protected from sediment deposition. Project site is not greater than 1 acre, an NPDES permit is not required.

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

Groundwater: Geotechnical information has been submitted. Geotechnical information collected in March of 2016 indicates long term groundwater elevation is present at 12 feet below the surface.

The site is not within a Drinking Water Supply Management Area (DWSMA).

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.

Property owners affected by changes in drainage have been notified and acknowledge the changes proposed.

Maintenance: The Owner of the Stormwater Management features and treatment practices is The City of Andover. Andover does agree to maintain the Stormwater Treatment Practices (STPs) consisting of the following:

<table>
<thead>
<tr>
<th>Stormwater Treatment Practices</th>
<th>Number</th>
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<tbody>
<tr>
<td>Sump catch basin</td>
<td>1</td>
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Inspection and maintenance of stormwater facilities will be the responsibility of the City of Andover. As a requirement of the City’s MS4 program, the city will inspect and maintain the stormwater facilities.

Easements: The proposed project does not include ditch maintenance easement. A maintenance access to all storm water management features is provided.
Stormwater & Hydrology: Infiltration is allowed within the project area. The 1-inch infiltration is not achieved. The stormwater management system utilizes regional ponding. 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 not exist downstream from the proposed site. The rate of post-development runoff from the site does exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses.

Water Quality: There are new impervious surfaces proposed as part of this project. Water Quality results were not submitted and not needed. 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 discharges into wetlands are pretreated by a sediment basin/water quality pond, and are designed correctly. 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 within one (1) mile and drains to an Impaired Water. The Impaired Water is Coon Creek. Coon Creek is impaired for (Aquatic Life (Macro-invertebrates)). The major stressors are Total Phosphorus (TP). There is not an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

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 needed.

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.

There are not Ground Water Dependent water resources on site.

Performance Escrow: $2,300.00 paid as of 5/23/16.

Wetland Escrow: N/A

There are no ditch liens on the property.

ISSUES/CONCERNS: None.

RECOMMENDATION: Approve