COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: May 11, 2015
AGENDA NUMBER: 14
FILE NUMBER: 15-056
ITEM: Northern Natural Gas – NL Blaine #1A

RECOMMENDATION: Approve with 1 Stipulation

APPLICANT: Northern Natural Gas Company
1120 Centre Pointe Drive, Suite 400
Mendota Heights, MN 55120

PURPOSE: Replacing equipment (piping, valves, water bath heater) and the existing town border station.

LOCATION: 14200 Highway 65, Ham Lake
**APPLICABILITY:**
1. Any work in or adjacent to wetlands, lakes or water courses.
2. Endangered, Threatened or Special concern species, elements of communities.

**EXHIBITS:**

**HISTORY & CONSIDERATIONS:**
Proposed project will add an additional 0.07 ac of imperviousness. Review is focused on erosion control and revegetation.

**FINDINGS:**

**Ditches and Drainage:** There is not a public ditch on the property. The project site is tributary to County Ditch 59. The trend in land use for this drainage area is toward open space. There are no flooding concerns downstream.

**Floodplain:** There is no floodplain on the property according to FEMA. The District Atlas 14 model predicts the 100-year elevation for the subwatershed at 888.4 feet. The total floodplain impact is 0 acre-feet, within the floodplain. Compensatory storage is not needed.

**Groundwater:** Groundwater information is not provided and is not needed.

**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 not include a ditch maintenance easement or utility line crossings.

**Soils & Erosion Control:** Soils affected by the proposal are Lino, and Seelyeville. No soil will be exposed during project, stabilizing vegetation is not needed. 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:** The applicant is not meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation. However, there is an increase in impervious of 0.07 ac which will have a negligible increase in the amount of stormwater runoff leaving the site. 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. It is
unknown if the rate of post development runoff from the site exceeds predevelopment rates. However, runoff from the additional 0.07 ac of imperviousness would be expected to add a negligible increase in runoff.

**Water Quality:** Project does not include new impervious drainage areas greater than 1 acre. All discharges into wetlands are not pretreated by a sediment basin/water quality pond. However, the increase in stormwater runoff is negligible and 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 may include the threatened Black Huckleberry (*Gaylussacia baccata*). However, due to the amount of grading that has occurred on the site, it is not believed the plant exists in this area.

**Performance Escrow:** $2,305.00

**ISSUES/CONCERNS:**

| Escrows: $2,000 + (0.61 ac * $500/ac) = $2,305.00 | 1. Receipt of escrows. |

**RECOMMENDATION:** Approve with 1 Stipulation.

**Stipulations:**

1. Receipt of escrows.