COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: September 14, 2015
AGENDA NUMBER: 10
FILE NUMBER: 15 - 100
ITEM: Anoka County Field Operations Parking Expansion

RECOMMENDATION: Approve with 4 Stipulations

APPLICANT: Anoka County Integrated Waste Management
1530 Bunker Lake Blvd NE
Andover, MN 55304

PURPOSE: Addition of nine parking stalls.

LOCATION: Southeast corner of Hanson Blvd NW and Bunker Lake Blvd NE in Andover.
APPLICABILITY:
1. The lands and water that have been, or may be covered by the regional flood.
2. High water table, outwash and organic soils.
3. High infiltration soils.
4. Highly erodible soils
5. Endangered, Threatened or Special concern species, elements of communities.

EXHIBITS:
1. Plan set by Larson Engineering, Inc, 7-10-2105, received, 8-11-2015
2. Stormwater calculations by Larson Engineering, 8-11-2105, received 8-11-2015

HISTORY & CONSIDERATIONS:
This was before the CCWD Board on August 24, 2015 and was tabled with the following stipulations:
1. Receipt of escrows.
2. The applicant must acknowledge that they will conduct a post construction test on the infiltration basin by filling the basin to a minimum depth of 6 inches with water and monitor the time necessary to drain. The Coon Creek Watershed District shall be notified prior to the test to witness the results.
3. Provide a subwatershed map to support the HydroCAD model.
4. Show how runoff from the north lot can get to the infiltration basin.
5. Provide information that the public is aware of this project.
6. Contact the DNR to complete a NHIS data review for the project.

FINDINGS:
Ditches and Drainage: The project site is tributary to County Ditch 57. The trend in land use for this drainage area is toward residential, commercial and industrial. 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 876.2 feet. The total floodplain impact is 0 acre-feet. Compensatory storage is not needed.

Groundwater: By observation ground water is well below the bottom of the infiltration basin based on the experience of the adjacent infiltration basin by public works. The site does not include groundwater sensitive areas. Information has not been provided to substantiate low floor elevations 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. A drainage and utility easement is not provided for the storm water/infiltration pond shown on the drainage plan and is not needed since the property is owned by Anoka County. Property owners affected by changes in drainage have not been notified and have not acknowledged the changes proposed.

Soils & Erosion Control: Soils affected by the proposal are Lino and Zimmerman. Stabilizing vegetation is 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: The applicant is meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation. 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 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. All discharges into wetlands are pretreated by a sediment basin/water quality pond and are designed correctly. 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 Blanding’s Turtle (*Emydoidea blandingii*), Leonard’s Skipper (*Hesperia leonardus leonardus*), Long-bearded Hawkweed (*Hieracium longipilum*), and the Plains Pocket Mouse (*Perognathus flavescens*). The applicant must contact the DNR to have a DNR Natural Heritage Information System (NHIS) data review completed to determine if any records of state-protected species may be located within the boundary of this project. If the review determines that rare species may be impacted, avoidance recommendations or instructions on subsequent procedure and protocols for survey requirements will be provided. The purpose of the survey would be to reduce the likelihood of an inadvertent takings and, if needed, to inform of the takings permit process.

Performance Escrow: $2,075.00

ISSUES/CONCERNS:

| Stormwater & Hydraulics: The applicant is meeting the volume management requirement equivalent to infiltrating runoff from the first inch of precipitation. 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 not exceed predevelopment rates, or rates which would interfere with sensitive downstream land uses. | 1. A post construction test on the infiltration basin will be required to ensure compliance with the volume management requirement. |
requirement equivalent to infiltrating runoff from the first inch of precipitation. A post construction test on the infiltration basin will be required to verify the assumed infiltration rates are obtained. The applicant must acknowledge that they will conduct a post construction test on the infiltration basin by filling the basin to a minimum depth of 6 inches with water and monitor the time necessary to drain. The Coon Creek Watershed District shall be notified prior to the test to witness the results.

**Maintenance:** It is unknown if adjacent property owners are aware of this project.

**Wildlife:** The proposed project may include the threatened Blanding’s Turtle (*Emydoidea blandingii*), Leonard’s Skipper (*Hesperia leonardus leonardus*), Long-bearded Hawkweed (*Hieracium longipilum*), and the Plains Pocket Mouse (*Perognathus flavescens*).

**Escrows:** $2,000 + (.15 ac * $500/ac) = $2,075.00

**RECOMMENDATION:** Approve with 4 Stipulations

**Stipulations:**
1. Receipt of escrows, $2,075.00.
2. The applicant must acknowledge that they will conduct a post construction test on the infiltration basin by filling the basin to a minimum depth of 6 inches with water and monitor the time necessary to drain. The Coon Creek Watershed District shall be notified prior to the test to witness the results.
3. Provide information that the public is aware of this project.
4. Contact the DNR to complete a NHIS data review for the project.