COON CREEK WATERSHED DISTRICT
PERMIT REVIEW

MEETING DATE: September 16, 2019
AGENDA NUMBER: 14
FILE NUMBER: 19-151
ITEM: Bridget Evens Deck Rebuild

RECOMMENDATION: Approve with 2 Stipulations

APPLICANT: Bridget Evens
965 118th Lane NW
Coon Rapids, MN 55448

PURPOSE: Rebuilding of a deck off the north western side of house

LOCATION: 965 118th Lane NW in Coon Rapids, Minnesota

APPLICABILITY:
1. Within 1 mile of an impaired waters.
2. Any work within or adjacent to a Public ditch within the Watershed District.
3. Any work in or adjacent to wetlands, lakes or water courses
4. The lands and waters that have been, or may be covered by the regional flood.

**EXHIBITS:**
1. Site Plan; by Dave Darling, No date, received 8/28/2019.
2. Elevation Certificate, by Mark Hansen, Dated 03/07/2017, received 8/28/2019
3. Email from City, by Mark Hanse, Dated 8/28/19, 8/28/19.

**PREVIOUS ACTION TAKEN:** This is a new application.

**FINDINGS:**
**Pre-application Meeting:** The project as submitted has not received a general review during a pre-application meeting.

**Ditches:** There is not a public ditch on the property. There is a public ditch adjacent to the project. The public ditch is County Ditch 41 (Sand Creek) according to the public drainage map.

**Ditch Hydraulics:** A crossing of the ditch is not proposed.
**Erosion and Sediment Control:** Soils affected by the proposal are Zimmerman.
- Stabilizing vegetation is not proposed for disturbed areas within seven (7) days of rough grading.
- Soil stockpiles have been proposed
- Adjacent properties and stormwater ponds are protected from sediment deposition.
- Construction schedules detailing when sediment trapping measures are not needed.
- Stormwater runoff does not need to pass through a sediment basin or other sediment trapping BMP with equal or greater storage capacity.
- Stabilization adequate to prevent erosion has not been provided at the outlets of all storm sewer pipes.
- All storm sewer inlets are protected from sediment-laden water during construction.
- All work adjacent to water or related resource has taken precautions to contain sediment, and stabilize the work area during construction.
- Provisions have been made to minimize transport of sediment (mud) by runoff or vehicle tracking onto the paved surface.
- Provisions have been made for cleaning road surfaces where sediment is transported by the end of the day.
- Construction entrance points are not clearly located on the erosion and sediment control plan and are not needed.

**Dewatering:** The project does not require dewatering.

**Floodplain:** There is floodplain on the property according to the District model and FEMA. The District’s floodplain elevation is at 874.3 feet. The project does not propose to place fill within the floodplain. The total floodplain impact is 0 acre-feet. The proposed project is at the edge of the floodway. Compensatory storage is not needed. There are no flooding concerns upstream or downstream.

**Groundwater:** Geotechnical information 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:** There are no stormwater features and they are not needed.

**Stormwater & Hydrology:** No stormwater calculations are needed.

**Water Quality:** 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. 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 of and drains to an Impaired Water. The Impaired Water is Sand Creek. Sand Creek is impaired for (Aquatic Life (Macro-invertebrates)/Aquatic Recreation (E. coli). The major stressors are Total Suspended Solids (TSS)/Total Phosphorus (TP)/E. coli. There is not an EPA approved Total Maximum Daily Load (TMDL) or Waste Load Allocation (WLA) for this water.

There are no new impervious surfaces proposed as part of this project.

**Wetlands:** Wetlands do not exist on-site according to the 1987 Federal manual, NWI, PWI and Soil Survey. Wetlands have not been delineated.

**Wetland Replacement Plan:** A wetland replacement plan has not been submitted and is not required.

**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.

The applicant has not contacted the MDNR natural heritage or endangered species program.

If the project is present, the project does not propose substantial adverse alteration or significant detrimental impact on a species or removal of a plant species will occur.

**Performance Escrow:** $2,005
**Wetland Escrow:** $ N/A

There are not ditch liens on the property.

**ISSUES/CONCERNS:**

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<tr>
<th>ISSUE</th>
<th>NEED</th>
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<tr>
<td>Escrows: $2,000 + (0.01 ac * $500/ac = $2,005</td>
<td>1. Receipt of escrows.</td>
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<td><strong>Floodplain:</strong> This project is proposed in a floodway. It has been noted that the overall size of the deck is decreasing from existing conditions, however, all construction in a floodway is subject to a no-rise analysis. The City of Coon Rapids is the LGU for floodplain regulation and may require a no-rise analysis. The District will require the results of this analysis or a letter from the City stating that one is not required.</td>
<td>2. Provide results of no-rise analysis or letter from the City stating that one will not be required.</td>
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Not that the District’s modeled elevation is higher than the FEMA elevation, thus increasing the risk of flood impacts for structures built in the floodway.

**RECOMMENDATION** Approve with 2 Stipulations

**Stipulations:**
1. Receipt of escrows.
2. Provide results of no-rise analysis or letter From the City stating that one will not be required.