

**RICHFIELD-BLOOMINGTON WATERSHED MANAGEMENT ORGANIZATION (RBWMO)  
2021 TECHNICAL ADVISORY COMMITTEE MEETING AGENDA  
DECEMBER 16, 2021  
1:00p.m. | WebEx meeting**

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**Technical Advisory Members:** Kristin Asher (Richfield); Bryan Gruidl (Bloomington); Steve Gurney (Bloomington); Jack Distel (Bloomington); Jordan Vennes (Richfield); Joe Powers (Richfield);

**A. LOCAL PLAN ACTIVITIES AND RBWMO PLAN REVIEW (DUE IN EVEN YEARS)**

**B. 2021 PROJECT REVIEW**

**8012 OLD CEDAR APARTMENTS (PRIVATE - BLOOMINGTON)**

Use: Construction of a new 4 story apartment building consisting of 68 rental units with underground parking.

Size: 1.15 acre total site; Impervious Areas (Pre) 0.36 Acres (31%), (Post) 0.84 Acres (73%)

Stormwater Elements: The project included a 72" CMP underground infiltration system, with an isolator row for pretreatment, to provide rate control, water quality and the required volume reduction (3,356 CF provided > 3,344 CF req'd). Water quality treatment was provided for the entire site, including 91% TSS and 91% total phosphorus removal from the new/reconstructed impervious surface. A SWPPP and MPCA Construction Stormwater Permit were required. Temporary erosion control included rock construction entrance, inlet protection, silt fence and restoration with sod and landscaping materials. A stormwater maintenance plan was recorded with Hennepin County.

**2021-101 BLOOMINGTON PMP RECONSTRUCT PROJECT, PARK AREA (PARK RD, E. 88<sup>TH</sup> STREET, 13<sup>TH</sup> AVE, 14<sup>TH</sup> AVE) (PUBLIC - BLOOMINGTON)**

Use: Full reconstruction of residential street and storm sewer.

Size: (RBWMO only) 4.1 Acre total Site, 0.25 ac increase in impervious surface, including pavement and curb and gutter.

Description: Project included 3,950 feet of fully-reconstructed bituminous pavement. Curb and gutter total length 7,600 feet with typical street width of 32-feet.

Stormwater Elements: A SWPPP was developed for the project. MPCA Construction Stormwater Permit was obtained. Erosion control included inlet protection, perimeter control, and sod. The new storm sewer construction allowed for providing a stub-out for future connection to McAndrews Playlot and two sump MH. The sumps include a SAFL Baffle and a Preserver for comparing performance on the similar-sized subwatersheds.

**RILEY APARTMENTS (PRIVATE - RICHFIELD)**

Use: Reconstruction replacing existing single-family homes with 5-story, 82-unit apartment building with underground parking.

Size: 1.34 acre total site; Impervious Area (Pre) 0.68 Acres (51%), (Post) 1.05 Acres (78%)

Stormwater Elements: Project includes a filtration basin with sump manholes for upstream pretreatment to provide rate control, water quality, and required volume reduction. A SWPPP and MPCA Construction Stormwater Permit were required. Erosion control includes inlet protection, bioroll for perimeter control, and rock construction entrance.

## **77<sup>TH</sup> ST UNDERPASS (PUBLIC - RICHFIELD)**

Use: Construction of underpass beneath TH77 connecting 77<sup>th</sup> St to the east and west of highway.

Size: 14.95 Acre total Site, 1.27 acre increase in impervious surface.

Description: Construction of 4-lane divided road connecting 77<sup>th</sup> Street to realigned Longfellow Ave on East side of TH77, new bridge on TH77 carrying TH77 over 77<sup>th</sup> St. Reconstruction of southbound TH77 to westbound I-494 ramp, westbound I-494 to northbound TH77 amp, and frontage road over new 77<sup>th</sup> St. Also includes rehabilitation and/or replacement of majority of city-owned utilities in project area.

Stormwater Elements: Project includes underground detention system beneath Washington Park. A SWPPP was developed for the project and MPCA Construction Stormwater Permit was obtained. Erosion control includes inlet protection, bioroll and silt fence perimeter control, stabilized construction exits, seed mix and sod.

### **C. 2020 NPDES ANNUAL REPORT REVIEW**

- TMDL'S
  - I. SOUTH METRO MISSISSIPPI
  - II. TCMA CHLORIDE
  - III. PENN LAKE NUTRIENTS
  
- MS4 PERMIT RE-ISSUANCE AND SWPPP UPDATING

### **D. COMPLIANCE CONCERNS**

- WCA action – Sheridan Pond
  - I. Barr Engineering performed a wetland delineation to determine the extent of the area that may be potentially regulated for Sheridan Pond Maintenance Project.
  - II. LGU (Richfield) issued approval via Notice of Decision following 21 day TEP review and field review (Ben Carlson, BWSR, and Brian Burgner, Barr Eng.)
  - III. Further WCA review to be completed following completion of final plans
- Other compliance concerns

### **E. 2022 RBWMO ANNUAL MEETING**

- Bloomington hosting, will be remote
  - Possible dates:
  
- Sun Current Public Notices – submitted by Bloomington
- Agenda
  - Annual Report
  - Business items

### **F. OTHER ITEMS**

- 2021 Work Plan Review and Update
  - Hennepin County Chloride Initiative & MN River Basin Group - Bryan
  - FY 2021-2022 Watershed Based Implementation Funding – Received \$30k grant for partnership with Minnesota Valley Refuge Friends – Jack
    - RPS hoping to begin programming in January
  - Website Maintenance and updates
  - Christian Pond Dredging Project- Jordan
  - Education and Outreach Plan – update and development
  - Invasive species management
  - I-494: Airport to Highway 169- Joe
  
- 2022 Work Plan Items
  - Education and Outreach Plan
  - Sheridan Pond Dredging Project

- Education program partnership with Minnesota Valley Refuge Friends
- I-494: Airport to Highway 169
- Discussion
  - Review of implementation section of Watershed Plan for any additional projects to be completed
  - Clean Water Fund Policy has changed with respect to education activities.
    - Ineligible Activities - 4.8 Development and delivery of educational activities and curriculum that do not support or lead to the implementation of prioritized and targeted water quality practices
    - Full FY22 policy here: [https://bwsr.state.mn.us/sites/default/files/2021-09/FY22\\_CWF\\_Competitive%20Grant%20Policy.pdf](https://bwsr.state.mn.us/sites/default/files/2021-09/FY22_CWF_Competitive%20Grant%20Policy.pdf)
    - Potential concern for education activities listed in the RBWMO plan