

**RICHFIELD-BLOOMINGTON WATERSHED MANAGEMENT ORGANIZATION (RBWMO)  
2023 TECHNICAL ADVISORY COMMITTEE MEETING AGENDA  
DECEMBER 4, 2023**

1:00p.m. | Hybrid Meeting – 6700 Portland Ave S, Heredia Conference Room + Microsoft Teams

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**Technical Advisory Members:** Bryan Gruidl (Bloomington); Steve Gurney (Bloomington); Julie Long (Bloomington); Kristin Asher (Richfield) Chad Donnelly (Richfield); Joe Powers (Richfield); Mattias Oddsson (Richfield)

**A. STAFF INTRODUCTIONS (ALL)**

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

- Current Watershed management plan approved by the BWSR on December 20, 2017, and adopted by the RBWMO Board of Commissioners on March 5, 2018.
- Implementation Program:
  - I. Monitoring Program
  - II. Water Quality, Data Management, and Evaluation
  - III. H&H Model Updates
  - IV. Education and Outreach Plan
  - V. MNRAM Wetland Assessments
  - VI. Invasive Species Management Plan

1:00-1:15 PM: Introductions and opening discussions. RBWMO staff briefly discussed 2023 projects and anticipated Watershed Based Implementation (WBIF) funds.

**C. 2023 PROJECT REVIEW**

**RBWMO FEASIBILITY STUDY**

Description: The RBWMO has partnered with WSB to conduct a feasibility study to identify projects for addition to the Watershed Management Plan. WSB staff will present their findings and be available to answer questions from members of the TAC.

1:15-3:00 PM: WSB staff presented on the methods and outcomes of the feasibility study carried out in 2023. WSB staff discussed the P8 models used to assess the lakes and related findings. Watershed loading is believed to be the predominant source of phosphorus inputs to all four lakes studied. This was used to develop a list of potential projects.

The potential impacts of invasive fish – carp and goldfish – were extensively discussed. WSB staff stated there is a need for additional data on fish populations to make effective management decisions. The presence of invasive goldfish has been confirmed in Wood Lake and Smith Park Pond, but little is known about population size and water resource impacts.

The list of potential projects was briefly introduced along with a timeline for a final report. Proposed projects primarily focus on reducing watershed loading, with some to address internal phosphorus loading and invasive fish populations.

**LUCKY DOG PET LODGE (PRIVATE – BLOOMINGTON)**

Size: 1.22-acre total site, 0.68-acres disturbed, no new impervious

Description: Remove old pea gravel and old K9Grass. Regrade area for drainage, install new aggregate and K9Grass.

Stormwater Elements: Install underground stormwater system for volume retention, water quality and rate control. Stormwater BMP also helps remove pet waste from stormwater runoff.

**2023-101 BLOOMINGTON PMP RECONSTRUCT PROJECT: BLOOMINGTON AVENUE, 82<sup>ND</sup> TO NORTH TERMINUS (PUBLIC – BLOOMINGTON)**

Size: 0.68 Acre total site, 0.50 acres fully-reconstructed impervious surface and 0.02 ac new impervious surface, including pavement and curb and gutter.

Description: Project included 545 feet of fully-reconstructed bituminous pavement, selected curb and gutter replacement with typical street width of 36 feet. Catch basins and leads were reconstructed to better accommodate runoff at the low point.

Stormwater Elements: A SWPPP was developed for the project. Erosion control included inlet protection, perimeter control, and sod. While the site did not require a CSW permit it was evaluated for the new volume requirements of the MS4 NPDES Permit, a volume reduction of 1,888 CF was needed; however, there was no room within the limited right-of-way space.

**RYA APARTMENTS & RF64 TOWNHOMES (PRIVATE - RICHFIELD)**

Size: 6.44 acres total, 4.9 acres impervious, of which 2.7 acres is new.

Description: Redevelopment constructing apartments and townhomes along Richfield Parkway.

Stormwater Elements: A SWPPP was developed for this project, and MPCA Construction Stormwater Permit was obtained. 2 underground stormwater systems were installed, along with a detention pond and numerous sump catch basins with baffles to collect floatable debris. A maintenance agreement has been developed and is pending agreement with the property owner.

**65<sup>TH</sup> STREET RECONSTRUCTION(?) (PUBLIC - RICHFIELD)**

Size: 8.057 acres, 6.388 acres impervious, of which 0.235 acres is new.

Description: 65<sup>th</sup> Street in Richfield is being reconstructed from Rae Drive to Nicollet Ave. The project includes utility replacement, road reconfiguration, the addition of a multi-use trail, and construction of a roundabout at 65<sup>th</sup> and Lyndale.

Stormwater Elements: A SWPPP was prepared for this project and an MPCA Construction Stormwater permit was obtained. A key part of the utility work for this project was replacing the undersized storm sewer with a larger box culvert to alleviate localized flooding, as well as reconstructing the basin where the box culvert drains into Richfield Lake.

3:00 – 3:10 PM: Discussed planning for annual meeting, timetable for amending watershed management plan to incorporate planned projects. Bloomington to host annual meeting and coordinate on scheduling.

**D. 2023 NPDES ANNUAL REPORT REVIEW (ALL)**

- TMDL'S
  - I. South Metro Mississippi
  - II. TCMA Chloride
  - III. Penn Lake Nutrients
  - IV. Taft Lake Chloride

**E. COMPLIANCE CONCERNS (All)**

- WCA Action
  - I. Adam's Hill Pond
- Other compliance concerns

**F. 2024 RBWMO ANNUAL MEETING (All)**

- Bloomington Hosting

- Sun Current Public Notices
- Agenda
  - Annual Report
  - Business items

3:10 PM: Meeting adjourned. Remaining agenda items were tabled for future discussion.

#### **G. OTHER ITEMS**

- FY2019 Watershed Based Implementation Funding - Pilot project (Bryan)
  - Hennepin County Chloride Initiative
    - This project was completed in 2022. We still have ice scrapers to give away as a thank-you gift to organizations who take the time to meet with staff and discuss their salt use and [Low Salt No Salt Minnesota](#) campaign to encourage decreased salt use for winter maintenance.
  - Lower Minnesota River Collaborative
    - This project was completed at the end of 2022
- FY2020-2021 Watershed Based Implementation Funding (Jack)
  - RBWMO Youth Education Program
  - Wood Lake Nature Center Partnership
  - Grant looking to close by December 31, 2023
- FY2022-2023 Watershed Based Implementation Funding
  - Sheridan Pond Maintenance Project (Chad)
  - Conservation Education and Implementation Partnership (Bryan)
    - Southgate Apartment Complex stormwater education and implementation project
  - Feasibility study to help assist in management decisions and identification of priority project that will protect, enhance, and restore surface water quality.
    - Primary waters to be assessed in the study are: Richfield Lake, Wood Lake, Smith Pond, and Wrights Lake.
  - Website Maintenance and updates
  - I-494: Airport to Highway 169
- 2024 Work Plan Items
  - I-494: Airport to Highway 169
  - Conservation Education and Implementation Partnership
  - Implement results of RBWMO Feasibility Study
  - Adam's Hill Pond
  - Best Buy Stormwater Ponds
  - Nicollet Ave Reconstruction
  - West Metro Water Alliance/Hennepin County education & outreach partnership
  - Southgate Apartments project
  - Other items