

**RICHFIELD-BLOOMINGTON WATERSHED MANAGEMENT ORGANIZATION (RBWMO)
2024 TECHNICAL ADVISORY COMMITTEE MEETING AGENDA
DECEMBER 9, 2024**

10:00a.m. | Hybrid Meeting – Bloomington Public Works, South Conference Room + Microsoft Teams

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

C. 2024 PROJECT REVIEW

(PRIVATE – BLOOMINGTON)

Size: 1.15 Acres

Description: The Site is a 1.15-acre gas station with concrete drives and other impervious surfaces totaling 28,209 square feet of coverage. The project consists of building a 491 square foot addition and 838 square foot car wash bay to the existing building, expanding the parking and drive aisles to accommodate stacking and emergency vehicles, moving the propane storage tank, installing stormwater treatment systems and landscaping.

Stormwater Elements: The city prohibits infiltration techniques when the infiltration BMP will receive discharges from vehicle fueling and maintenance areas. Therefore, the proposed rain garden BMPs included an impermeable liner and drain tile to prevent contaminants leeching into the groundwater. Two rain guardian bunkers were used as pre-treatment structures to the rain gardens which provided 75%-90% total suspended solids (TSS) removals, and a Contech Jellyfish structure to help remove up to 85% TSS removals and up to 75% of total phosphorus (TP) particles.

(PUBLIC – BLOOMINGTON)

Size: Oakland Ave 0.51 acres of fully reconstructed impervious surface; E. 82nd Street 2.89 acres of fully reconstructed impervious surface.

Description: Both projects were full street reconstruction projects. The Oakland Ave site was under the 1-acre threshold for the CSW permit and the street segment was reconstructed to existing conditions, no new impervious surface created. The E. 82nd Street segment had a total disturbed area of 3.52 acres and impervious surface was decreased from 3.14 acres to 2.89 acres for a 0.25-acre reduction.

Stormwater Elements: Both sites had SWPPP's developed for them and the contractor was required to follow the BMPs as designed in the plan. For the E. 82nd Ave segment, a rainwater garden was planned to be constructed within the ROW near 9201 12th Ave S., however during construction the homeowner that abuts the proposed raingarden area was

not supportive and as a result the rain garden was not able to be constructed with the project.

WOODLAWN TERRACE UTILITY IMPROVEMENTS (PRIVATE - RICHFIELD)

Size: 2.14 Acres

Description: Watermain replacement and other utility improvements, along with road reconstruction, within a mobile home cooperative in Richfield. Work supported by City HRA and State grant funding.

Stormwater Elements: NPDES-permitted project, involving erosion control inspections as well as permanent stormwater treatment through sump catch basin and manhole retrofits. Remaining work includes sealing disused private well for DWSMA and source water protection.

VETERAN'S PARK SPLASHPAD (PUBLIC - RICHFIELD)

Size: ~0.25 Acres

Description: Public splashpad facility in Veteran's Park. Uses water recirculation with integrated filtration system.

Stormwater Elements: Triggers City erosion control ordinance – ongoing discussions with contractor regarding winter workplan.

D. 2024 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
- Other compliance concerns – 951 E. American Blvd private stormwater BMP maintenance enforcement required rehabilitation of infiltration basin.

F. 2025 RBWMO ANNUAL MEETING (All)

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

G. 2025-26 WBIF Projects

- Ongoing Hennepin County Conservation Education & Implementation Partnership
- RBWMO Grant Program
 - Alternatives to present to Board?
 - Timeline for implementation
- Fisheries/AIS Study
 - RFP/RFQ/Direct hire for consultant?
 - Previous fisheries work 2015-2020 – any available information?
 - 2017 Hennepin County grant
 - 2020 Proposed fish stocking
 - Scope, goals, and deliverables

H. OTHER ITEMS

- Past WBIF projects
 - 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.
- FY2020-2021 Watershed Based Implementation Funding (Jack)
 - RBWMO Youth Education Program
 - Wood Lake Nature Center Partnership
 - Grant closed at end of 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.
- Website Maintenance and updates
- I-494: Airport to Highway 169
- 2025 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