

5 Implementation Program

This section presents the Implementation Program (the Program) for this Plan. The RBWMO's Program addresses the issues and water resources challenges in Section 4.1 and applies goals and strategies generated by the RBWMO's stakeholders in Section 4.2. The Program consists of administrative and managerial efforts, coordination, studies, and programs; capital improvement projects (CIP); and funding mechanisms to successfully execute the Plan. Each element, if not described in Section 4, is described below.

The RBWMO Program schedule and budget is presented in Table 5-1. The estimated impacts of the implementation program on residents and local government are presented in the next section. RBWMO will review the Program every two years, at minimum, and at that time consider what programs the WMO may want to consider for grant funding.

5.1 Administrative and managerial

As stipulated in the JPA, administrative and managerial efforts will be carried out by staff from the cities of Bloomington and Richfield. Staff will take care of the day-to-day operation of the District, maintenance, and upkeep of the WMO's website, and implement other elements of the Program, as discussed below.

5.2 Operation and Maintenance Program

Activities detailed in this Program require both on-going and new operation and maintenance (O&M) activities. The cities of Bloomington and Richfield shall incorporate O&M activities as part of their stormwater management program budgets associated with their municipal separate storm sewer system (MS4) permits.

5.3 Education and Outreach Program

This implements Goal 4. The goal of the Education and Outreach Program is to complete the comprehensive education and outreach plan and to subsequently engage and educate youth about water and natural resources using the Wood Lake Nature Center.



Photo 5-1: Wood Lake Nature Center

5.4 Monitoring Program

Monitoring and data collection are crucial to determining the current state of water resources and to document the effectiveness of the RBWMO's ongoing management and improvement strategies. Meeting in-lake nutrient reduction and stormwater runoff goals may require nutrient reduction strategies, and implementation could require adaptive management principles. Adaptive management is appropriate because it is difficult to predict the lake response. Future technological advances may alter the course of actions detailed in this plan. Continued monitoring and "course corrections" responding to monitoring results are the most appropriate strategy for attaining the various goals established in this Plan.

5.5 Capital Improvement Projects

The capital improvement projects (CIP) identified below includes projects that will move the RBWMO toward achieving its goals. The CIP, limited by financial and human resources, is not a comprehensive list of all capital needs nor potential required projects. The inclusion of a project in the CIP is not a determination that the project will be implemented. Table 5-1 contains planning level cost estimates for the CIP identified for the period between adoption of this Plan and the biennial Plan review.

5.6 Special Studies

The CIP includes funding to update the suite of special studies that serve as the basis for the WMO's management planning. It also includes additional special studies to enhance the RBWMO's understanding of problems and issues in the watershed and to refine management planning. These special studies include:

- Establishing a water quality data management and evaluation process
- Reviewing TMDL's for waste load allocations attributed to the RBWMO
- Updating the H&H models incorporating NOAA Atlas-14 data
- Developing a comprehensive education and outreach plan

- Updating the functional assessment of wetlands.
- Developing a comprehensive invasive species management plan

5.7 Grant Program

The RBWMO values and supports efforts made by residents to help achieve its goals. Through the Grant Program, the RBWMO hopes to engage citizens in community actions that protect local lakes, ponds, streams, and wetlands. Eligible applicants must meet eligibility criteria and apply to and be approved by the RBWMO. The grant program and incentives will be reviewed annually. Program effectiveness will be measured by how many projects are funded through the program and the cumulative water quality impact of the projects.

5.8 5.7 Local Water Plans

Pursuant to M.S. 103B.231, following the approval and adoption of the Plan, the cities of Bloomington and Richfield shall each prepare a local water management plan (LWMP), updating capital improvement programs and official controls as necessary to bring local water management into conformance with the Plan. The LWMP must be consistent with and address the priorities identified in the Plan by December 2019. Since both cities have MS4 permits with MPCA approved stormwater pollution prevention programs (SWPPP), significant portions of their SWPPP may be incorporated into their LWMP.

Table 5-1: Richfield-Bloomington Watershed Management Organization Implementation Program Schedule and Budget (2018 – 2027)

Action	Funding Source	Year										
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Administrative/ Managerial												
General Administrative Services	Funded by Municipal SWU Fees	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000
Technical and Citizen Advisory Commissions	Funded by Municipal SWU Fees	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2000
Studies and Programs												
Operation and Maintenance Program	Funded by Municipal SWU Fees	\$505,000	\$505,000	\$505,000	\$505,000	\$505,000	\$505,000	\$505,000	\$505,000	\$505,000	\$505,000	\$505,000
Education and Outreach Program	Funded by Municipal SWU Fees	\$8,000	\$8,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000

Action	Funding Source	Year										
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Monitoring Program	Funded by Municipal SWU Fees	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Water Quality Data Management and Evaluation	Funded by Municipal SWU Fees	\$10,000			\$10,000			\$10,000				\$10,000
H&H Model Update	Funded by Municipal SWU Fees	\$50,000	\$50,000	\$50,000								
Education and Outreach Plan	Funded by Municipal SWU Fees		\$20,000									
MNRAM Wetland Assessments	Funded by Municipal SWU Fees						\$30,000					
Invasive Species Management Plan	Funded by Municipal SWU Fees				\$20,000							
<u>Grant Program</u>	<u>Funded by Municipal SWU Fees and WBIF</u>								<u>\$15,000</u>	<u>\$15,000</u>	<u>\$15,000</u>	

Action	Funding Source	Year									
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Capital Improvement Projects											
Sheridan Pond Dredging Project			\$200,000								
Christian Pond Dredging Project				\$200,000							
77 th Street Underpass Project					\$850,000						
66 th Street Sewer Improvement Project		\$1,500,000									
Total	City of Bloomington	\$200,500	\$178,000	\$145,500	\$163,000	\$145,500	\$160,500	\$153,000	\$145,500	\$145,500	\$153,000
	City of Richfield	\$1,896,500	\$624,000	\$641,500	\$1,259,000	\$391,500	\$406,500	\$399,000	\$391,500	\$391,500	\$399,000
									<u>\$400,000</u>	<u>\$400,000</u>	<u>\$405,000</u>