



CCWMO Plan Update - 2024

Background

- ▶ CCWMO Water Management Plan adopted 2020
- ▶ The CCWMO water management plan contains policies and implementation steps to create and maintain a project list. The project list (table 5-5 of the plan) is used to plan and budget for capital projects and grant requests.
- ▶ To qualify for state grant requests and to support project requests to the Board, the CCWMO reviews and updates the project list on a bi-annual basis.
- ▶ Minor Plan amendment completed 2022

Why Update?

- ▶ Imp Strategy 6: The CCWMO will maintain an up-to-date project list (see Table 5-5). As TMDL Studies, TMDL Implementation Plans, and other studies are completed, the CCWMO anticipates updating the project and potential project lists through a plan amendment.
- ▶ CAPITAL PROJECTS: Capital improvement projects involve on the ground, structural improvements initiated and funded by the CCWMO. Capital improvement projects are identified in Table 5.5. The list of capital projects will be amended frequently during the life of the plan. These projects are typically funded through a combination of the CCWMO-wide ad valorem tax, and grants/partnerships.

What is being amended?

The costs given in the Table 5-5 are estimated amounts and may be revised as part of feasibility studies or final designs completed prior to implementation. Funding for projects will come from the CCWMO Levy, grants, and collaborations with local governments and other partners. The CCWMO will pursue collaborations and grant opportunities to reduce the portion of the total cost borne by property owners within the CCWMO. The CCWMO may implement the activities and projects listed in Table 5-5 at a different time than shown in the table, as circumstances dictate. For example, the availability of grants or partnerships could result in either the acceleration or delay of projects.

The project list will be updated as feasibility studies, TMDL implementation plans, etc are completed and new projects are identified. The CCWMO anticipates updating the project list approximately every two years.

Table 5-5. CCWMO Projects

ID	Project Description & Need	Sub-watershed	Benefitted Waterbody	Project Type	Project Partners	Timeframe ¹	Total Cost ²	CCWMO Cost ²	Notes
1	Lake Waconia SWA Implementation. Implement strategies identified in the Lake Waconia Subwatershed Analysis Feasibility Study to preserve and protect the quality of Lake Waconia. Projects will be completed as time and funding allow.	Carver Creek	Lake Waconia (Priority 1)	Stormwater BMPs	City of Waconia	Short-, mid-, long-term	\$150,000	\$50,000	
2	Eagle Lake SWA Implementation. Implement strategies identified in the Eagle Lake Subwatershed Analysis Feasibility Study to improve the quality of Eagle Lake. Projects will be completed as time and funding allow.	Crow River	Eagle Lake (Priority 1)	Stormwater BMPs	Parks Department, SWCD	Short-, mid-, long-term	\$100,000	\$50,000	

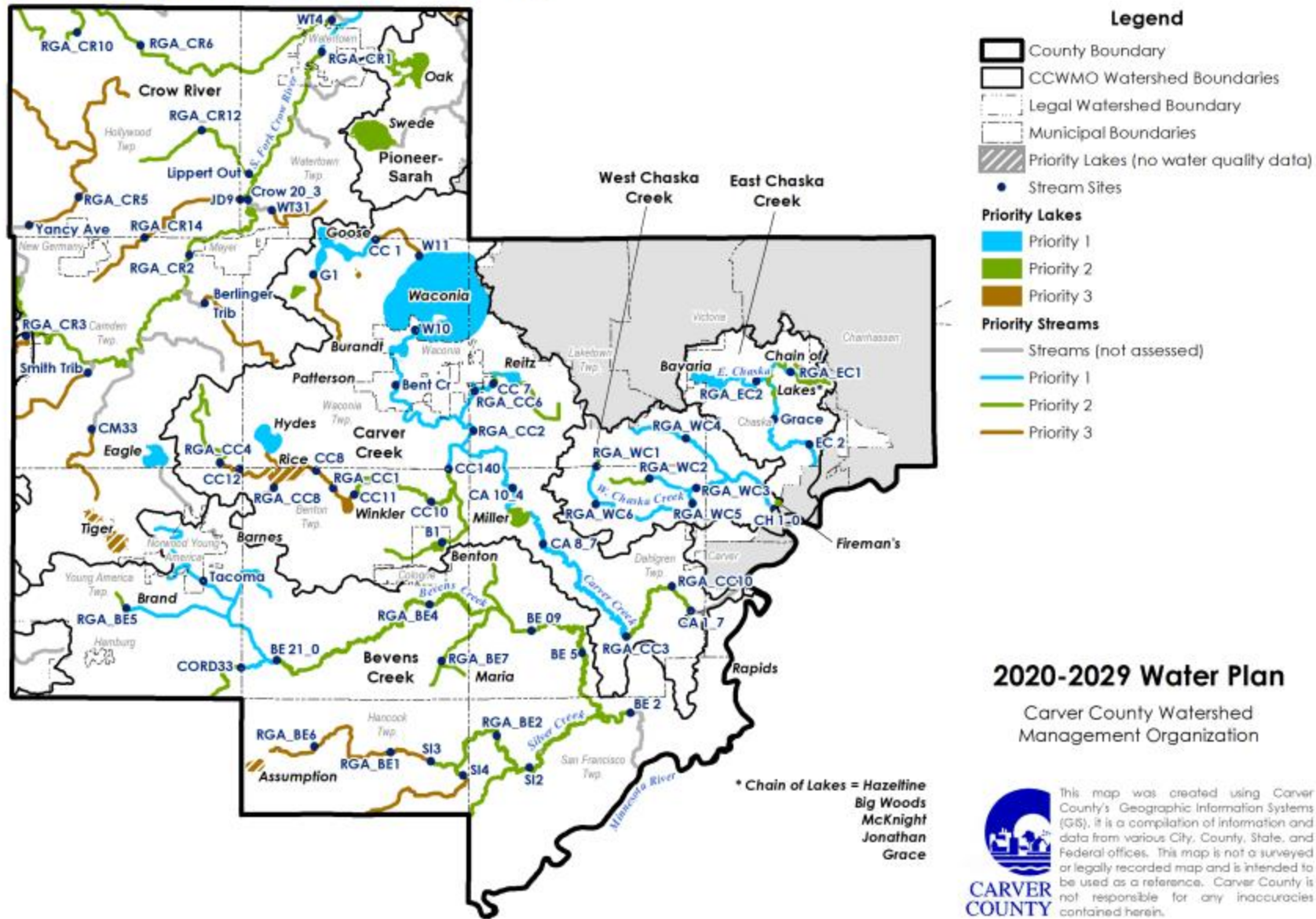
Table 5-5. CCWMO Projects

ID	Project Description & Need	Sub-watershed	Benefitted Waterbody	Project Type	Project Partners	Timeframe ¹	Total Cost ²	CCWMO Cost ²	Notes
7	SSTS Direct Discharge Incentives. In 2007, the County Board established a cost share program to accelerate the elimination of direct discharge SSTS. The program offers direct incentives and low-interest loans to landowners to fix these systems.	Watershed-wide	Watershed-wide	SSTS upgrades	Environmental Services Dept.	2020-2021 2022-2023 2024-2025 2026-2027 2028-2029	\$600,000	\$600,000	Replacement of direct discharge SSTS will be complete in the Bevens and Carver Creek Subwatershed in 2019 and then focus will shift to the South Fork Crow River and East and West Chaska Creek.
8	Stormwater Retrofits in Untreated Urban Areas. Collaborate with cities, business, and other landowners to implement stormwater retrofits practices in areas with minimal or no stormwater treatment that improve water quality in priority waterbodies. Untreated areas have been identified in local water plans.	Watershed-wide	Watershed-wide	Stormwater Retrofit	Local Partners	2020-2021 2022-2023 2024-2025 2026-2027 2028-2029	\$400,000	\$200,000	
9	Turf to Prairie/Forest Initiative. Restore large areas of managed turf grass to prairie/forest to conserve groundwater and improve the quality of stormwater runoff.	Watershed-wide	Watershed-wide	Prairie Restoration	Cities	2020-2021 2022-2023 2024-2025 2026-2027 2028-2029	\$100,000	\$50,000	
10	Bevens Creek Dam Removal. Remove an existing, failing dam and repair eroding banks. The dam is located on Bevens Creek south of County Road 50.	Bevens Creek	Bevens Creek (Priority 2)	Stream Restoration	SWCD, Public Works Department, DNR	2020-2021	\$300,000	\$50,000	
11	Benton Lake Management. Continue to manage rough fish populations in Benton Lake. Removal of rough fish will reduce in-lake pollutant loads and help restore game fish to the lake.	Carver Creek	Benton Lake (Priority 2), Carver Creek (Priority 2)	Lake Management	City of Cologne, Benton Lake Conservancy, SWCD	2020-2021 2022-2023 2024-2025	\$80,000	\$50,000	

Priority Water Bodies

- ▶ Plan Reference (5.3.1. PRIORITY WATERBODIES)
- ▶ Prioritizing waterbodies (lakes and streams) within the CCWMO is one tool that will help prioritize implementation.
- ▶ The purpose of prioritizing waterbodies within the CCWMO is to:
 1. Help guide implementation decisions based on both water resource issues and how the resource is used by the community
 2. Help differentiate between similar projects in different parts of the CCWMO
 3. Utilize data collected by the CCWMO in management and implementation decisions
 4. Create a framework for project implementation that can be updated over time as new data and information becomes available

Figure 5-1. Priority Waterbodies (Source: Carver County)



Priority Waterbodies

Current factors:

Lakes

- **Impairment status** (above or close to the state standard for total phosphorus, total Kjeldahl nitrogen, chlorophyll-a; water quality trend decreasing)
- **Aquatic invasive species criteria** (suitability of lake to support zebra mussels, # of AIS currently present, connectivity/availability to spread AIS to other lakes)
- **In-lake vegetation criteria** (doesn't meet state standard for Index of Biologic Integrity, impaired under the Floristic Quality Index, Invasive species observed at more than 50% of sampling sites)
- **Fisheries criteria** (fish survey completed, lake stocked by DNR)
- **Wildlife criteria** (a wildlife management area or other naturally maintained area adjacent)
- **Recreation criteria** (fishing pier, public access, path or trail adjacent, a beach)
- **Overall community resource criteria** (lake is located within or adjacent to a population center)

Streams

- **Impairment status** (stream is above or close to the state standard for total phosphorus or total suspended solids, trend for water quality is decreasing)
- **Fisheries criteria** (a fish survey has been completed)
- **Wildlife criteria** (a wildlife management area or other naturally maintained areas adjacent)
- **Recreation criteria** (fishing pier, public access, path or trail adjacent, designated as a State Water Trail)
- **Overall community resource criteria** (stream/river is located within or adjacent to a population center)

Why Update?

- ▶ Plan reference (sec 5.3.1) The waterbody prioritization will be updated periodically as new monitoring and other data becomes available and as the CCWMO utilizes the ranking to prioritize projects.

Process

- ▶ WMO staff proposed changes
- ▶ City input (TAC)
- ▶ WMO AC input & recommendation
- ▶ Draft Plan amendment to County Board – request to release for comment
- ▶ Edits to the amendment made
- ▶ Revised draft Plan amendment to County Board – request to send to BWSR (Board of Soil Water Resources)
- ▶ BWSR review
- ▶ Final Plan amendment to County Board – request to adopt

Questions/feedback

