



Watershed Management Plan 2021–2025 Mid–Plan Review



Watershed Management Plan 2021–2025 Mid–Plan Review

Saint Paul, Minnesota

Cover image: Corey Gaffer



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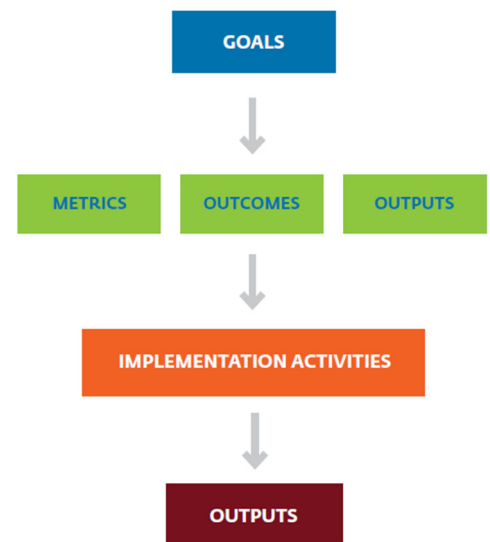
1 Introduction

1.1 Purpose

CRWD's 2021-2030 Watershed Management Plan (WMP, Plan) guides the organization's actions in a coordinated, thoughtful, and effective manner over a 10-year span. CRWD completed a mid-plan review in 2026 to assess its progress toward WMP goals and implementation activities in the first five years (2021-2025) of plan implementation. This review is intended to inform Staff, Board Managers, and Community Advisory Committee (CAC) on which goals to focus on and which projects, programs, and partnerships to prioritize in the next five years; and provides insight on what adjustments need to be made to current implementation activities and schedules. This review will also identify whether a plan amendment is needed.

1.2 WMP Format

CRWD's WMP contains multiple sections. The most relevant sections to this review are the Watershed Goals and the Implementation Plan. Goals are separated into eight categories. The Implementation Plan section summarizes the activities the District has or plans to accomplish in the 10-year span of the WMP to achieve the District's goals and mission. The Implementation Plan section includes a fund number, description, priority, measurable outputs, and anticipated timeline in the form of an annual planning budget. Additionally, each implementation activity is cross-referenced to applicable goals.



2 Methodology

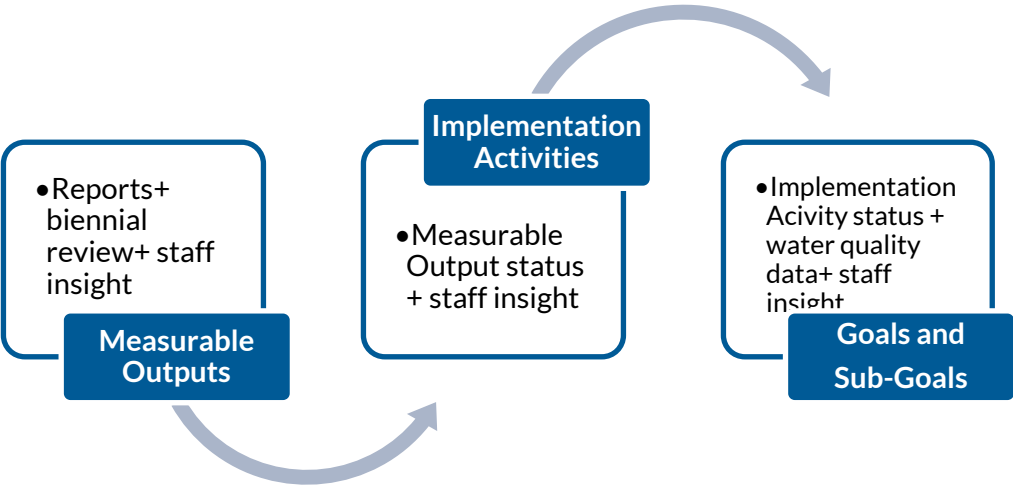
Assessment of progress toward achieving WMP outputs, implementation activities, and goals was completed using a bottom-up approach and was informed by the 2021-2022 biennial review, past annual reports, lakes and monitoring reports, and staff insight. Budget assessment methodology is described later in Section 4.

The biennial review highlighted that using measurable outputs of implementation activities alone is not a useful or effective approach to gauge Plan progress. For this reason, specific values for measurable outputs were populated when relevant, but qualitative assessments and staff insight were more commonly used to assess five-year progress. Building upon a summary table created during the biennial review, each of the 212 measurable outputs were given a progress status for individual years 2021-2025, then those annual statuses were summarized to provide a status for all five years.

After assessing measurable output progress, outputs were then correlated to relevant Implementation Activities as laid out in the WMP and were used, along with staff insight, to assign a status to each of the 178 implementation activities.

After assigning statuses to each implementation activity, statuses were correlated to their corresponding Goals and sub-goals (93) within the WMP to assess high-level progress. Water Quality goals with specific

pollutant values were assessed using monitoring and water quality data, when possible. When implementation activity status did not correspond directly with a related goal, staff insight was used to assign the most accurate status.



If readers wish to take an in-depth look at particular aspects of this review, a highly detailed tracking table is available for reference. A summary of the most relevant information is included in this report.

2.1 Progress Status

The table below shows the statuses and descriptions associated with measurable output and implementation activity progress.

Table 1. Status descriptions

Status	Description
Completed	Project or program has been carried out or completed in 2021-2025 (reflects both annual, ongoing programs and distinct projects)
In-Progress	Projects or short-term programs with a specific timeframe that have begun
Future/On Track	Projects or programs that are planned to begin in 2026-2030
Behind	Projects or programs that were anticipated to begin in 2021-2025 and are still intended to occur in this plan cycle.
Canceled, Postponed to next WMP, or No Longer Offered*	Programs or projects canceled, opportunities have passed, or staff no longer foresee this work occurring in 2026-2030.
General Future Planning & CIPs*	Specific 300 and 400 implementation activities labeled as “Future Stormwater Management Planning” and “Future CIPs”, which are intended to be used to capture additional activities or opportunities that were not specifically identified during WMP development.

*these progress statuses were added during this review to more accurately reflect progress and prioritize future work.

3 Measurable Output Assessment Results

As stated in Section 1, the 2021-2022 biennial review highlighted that using measurable outputs alone is not a useful or effective approach to gauge Plan progress because the feasibility, frequency, and timeline of many implementation activities are dependent on external factors and partners. It was recommended that this approach be de-emphasized in future reviews. For this mid-plan review, specific measurable output values were populated when relevant, but qualitative assessments and staff insight were more commonly used to assess progress.

With this information in mind, measurable output progress from the mid-plan review is shown in Table 2. More detailed tables are available in Appendix A.

In the table below, note that Measurable Outputs labeled as “General Future Planning and CIPs” are not included in assessment result percentages due to their opportunity-based nature.

Table 2. Measurable Output Assessment Results

Measurable Output Status	Percent	Count
Yes/Completed	55%	109
In-Progress	16%	31
Future/On Track	20%	39
Behind	7%	14
Canceled, Postponed to next WMP, or No Longer Offered	3%	6
	100%	199
Status N/A- General Future Planning & CIPs		13
Total Number of Measurable Outputs		212

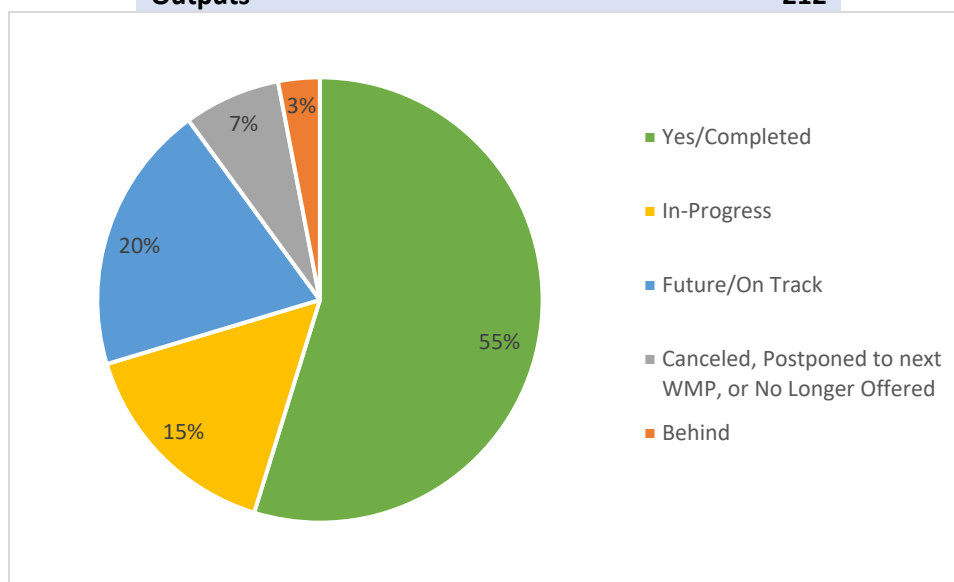


Figure 1. Measurable Output Assessment Results

A few notable measurable outputs from the first 5 years of WMP implementation include:

- Completed over 4,000 site inspections of permitted sites and closed over 90 permits
- Awarded over 200 Clean Water Project and Native Landscaping Grants
- Awarded 68 Partner Grants
- Engaged with over 18,000 community members at events
- Monitored 14 water quality sites, 5 lakes, and 13 CIPs annually
- Completed 15+ studies
- Supported maintenance of 45 partner-owned stormwater BMPs through the Facility Management Program
- Held 5 staff-wide diversity, equity, and inclusion workshops

4 Implementation Activity Assessment Results

This assessment shows that 68% of implementation activities have been completed or are in-progress. 21% of these are planned for years 2026-2030. Three percent of activities were intended to have begun but have not yet and are shown as behind. Seven percent of activities are shown as canceled or postponed to the next WMP cycle.

More detailed tables are available in the following subsections and in Appendix B. Implementation Activities labeled as “General Future Planning and CIPs” are not included in assessment result percentages due to their opportunity-based nature.

Table 3. Implementation Activity Assessment Results

Implementation Activity Status	Percent	Count
Yes/Completed	50%	83
In-Progress	18%	30
Behind	3%	5
Future/On Track	21%	35
Canceled, Postponed to next WMP, or No Longer Offered	7%	12
100%		
Status N/A- General Future Planning & CIPs		13
Total Number of Implementation Activities		178

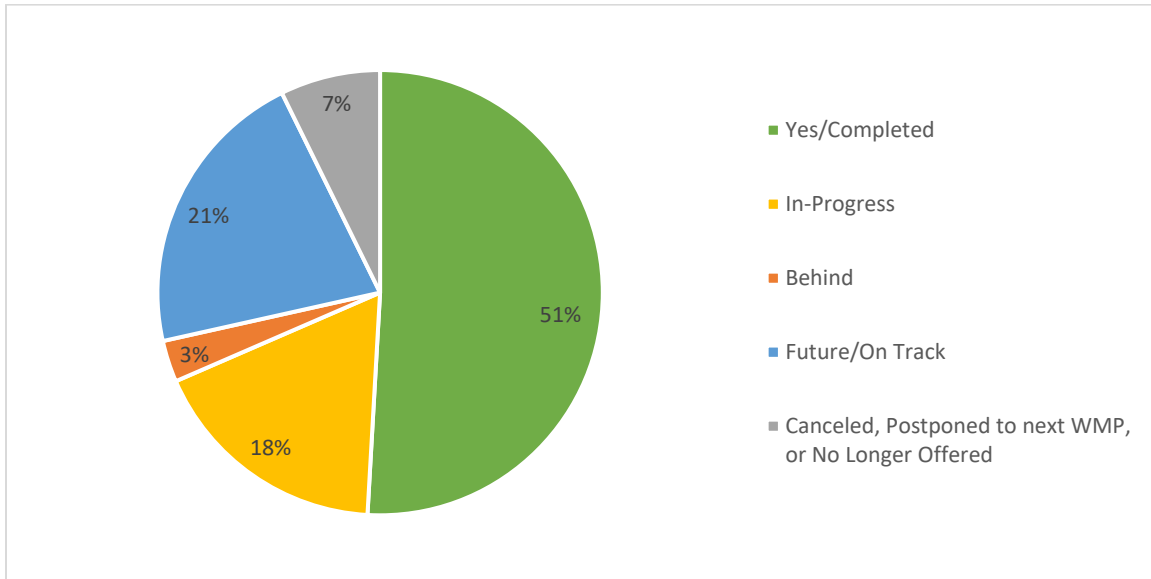


Figure 2. Implementation Activity Assessment Results

A few notable activities completed within the first 5 years of WMP implementation include:

- 101A - Created a Deputy Administrator position, formalized an Administration Division, and added six additional positions to CRWD's staff roster.
- 210I - Began a partnership with the City of Saint Paul's Right Track program to provide internship opportunities for two high-schoolers annually. CRWD hosted six interns from 2023-2025 and was awarded employer of the year in 2024.
- 220A - Adopted brand guidelines and business set templates.
- 222C - Completed a Partner-owned facility management and ownership evaluation; which led to formation of a new Facility Management Program with a plan and staff division.
- 305 - Made significant progress of management plan implementation at Como Lake, including alum treatment, herbicide treatment for curly-leaf pondweed, native plant transplants, and shoreline restoration work.
- 315C/315D - Trout Brook hydrologic/hydraulic modeling updates and flood mitigation and water quality improvement studies
- 375O - Developed a Climate Resiliency Framework to guide the organization's work related to climate change.
- 415 - Completed major repairs to 4,000 linear feet of Trout Brook Interceptor.
- 431D - Completed construction of a wet pond, IESF benches, natural vegetation restoration, and ravine stabilization at Seminary Pond.
- 432B - Constructed award-winning district green infrastructure system and central water feature at Highland Bridge; including a pedestrian tunnel connecting people and hydrology to Hidden Falls Creek.

4.1 Implementation Activity Progress by Priority

Out of the activities completed or in-progress, 65% of these are prioritized as Critical or Important, and 16% are planned for years 2026-2030. There are no Critical activities flagged as behind, and two Critical activities are canceled (432E- Victoria Park Stormwater Improvements and 433E- Science Museum of Minnesota). These canceled items are partner-led activities for which progress is outside of CRWD control.

Table 4. Implementation Activity Status by Priority

Implementation Activity Status	Priority			Grand Total
	Critical	Important	Beneficial	
Yes/Completed	22%	25%	3%	51%
In-Progress	4%	13%	1%	18%
Behind	0%	3%	0%	3%
Future/On Track	4%	12%	5%	21%
Canceled, Postponed to next WMP, or No Longer Offered	1%	2%	4%	7%
Grand Total	32%	55%	13%	100%

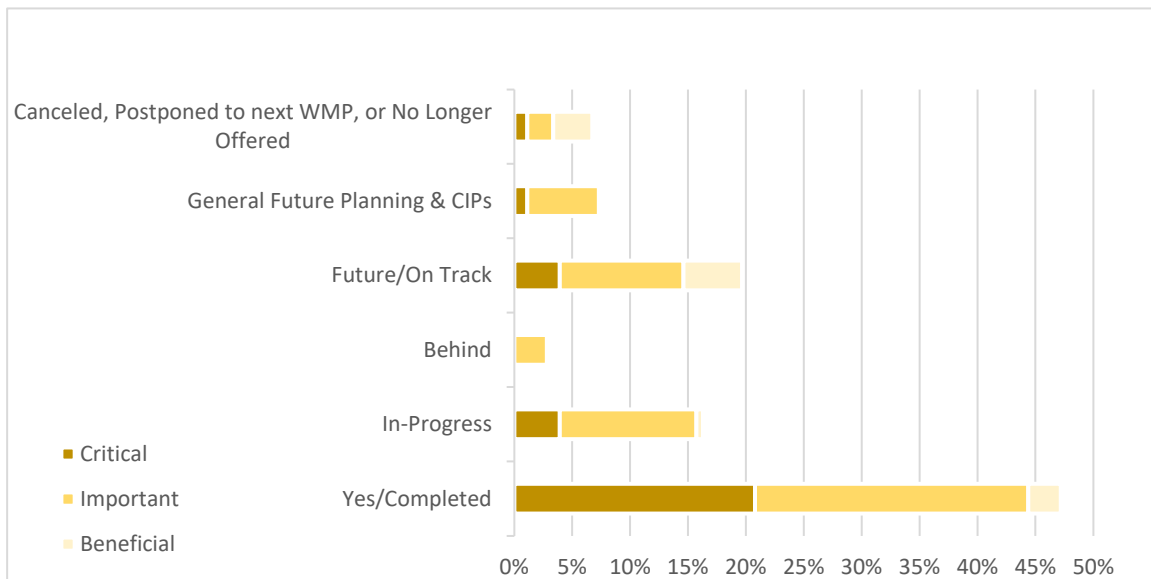


Figure 3. Implementation Activity Status by Priority

4.2 Implementation Activity Progress by Category

It can be helpful to assess progress within a category of CRWD's work. CRWD's implementation plan is organized into the following major categories:

- 100s- Administration
- 200s- Ongoing Programs: includes monitoring, assessment and research, communications and engagement, grants, facility/infrastructure management, and regulations

- 300s- Project Planning: feasibility studies, modeling efforts, planning, and operational work
- 400s- CIPs: Project design, engineering, construction & implementation

Due to the differences in types of work and number of implementation activities between each of these categories, it is more helpful to compare progress within a category than between two different categories.

Within the **Administration** category (100s), 100% of the implementation activities have been completed or are in progress. Most of the items in this category are critical, ongoing operational tasks that form the backbone of the organization, so this status is expected.

In the **Programs** category (200s), 88% of implementation activities have been completed or are in progress. Six activities (12%) are planned to begin in years 2026-2030. The addition of a Facility Management Division has bolstered capacity for a portion of the work in this category.

In the **Project Planning** category (300s), progress has been made or work completed for 65% of implementation activities. This number may appear low when compared to 100s and 200s category progress, but it is helpful to think about the different types of work in this category. Most of the activities in this category are projects that occur during distinct timeframes, compared to programs that occur annually. This means that there are more ‘Future’ activities in this category (17%). Additionally, 6 of the activities in this category are “Future studies and CIPs”, which are intended to be placeholders for unanticipated projects that may arise at any time. When comparing the completed and in progress activities to those planned for the next 5 years it is clear that progress in this category is on track. However, there are five implementation activities (6%) listed as ‘behind’ in this category.

In the **CIPs** category (400s), progress is similar to that in the 300s for many of the same reasons. CRWD has completed or started 40% of implementation activities while 43% of activities are planned for years 2026-2030. This makes sense when considering many of the activities in the CIPs category are tied to planning work in the 300 category and the planning work must occur before engineering and construction. Of note in the 400s category is that 14% of implementation activities are identified as canceled, postponed, or no longer relevant. This is discussed more in section 4.3. Below is a table and figure showing implementation activity status across all fund categories.

Table 5. Implementation Activity Status by Category

Status	100	200	300	400	Grand Total
Yes/Completed	75%	80%	40%	26%	51%
In-Progress	25%	8%	25%	14%	18%
Behind	0%	0%	6%	3%	3%
Future/On Track	75%	80%	40%	26%	51%
Canceled, Postponed to next WMP, or No Longer Offered	0%	0%	10%	14%	7%
Grand Total	100%	100%	100%	100%	100%

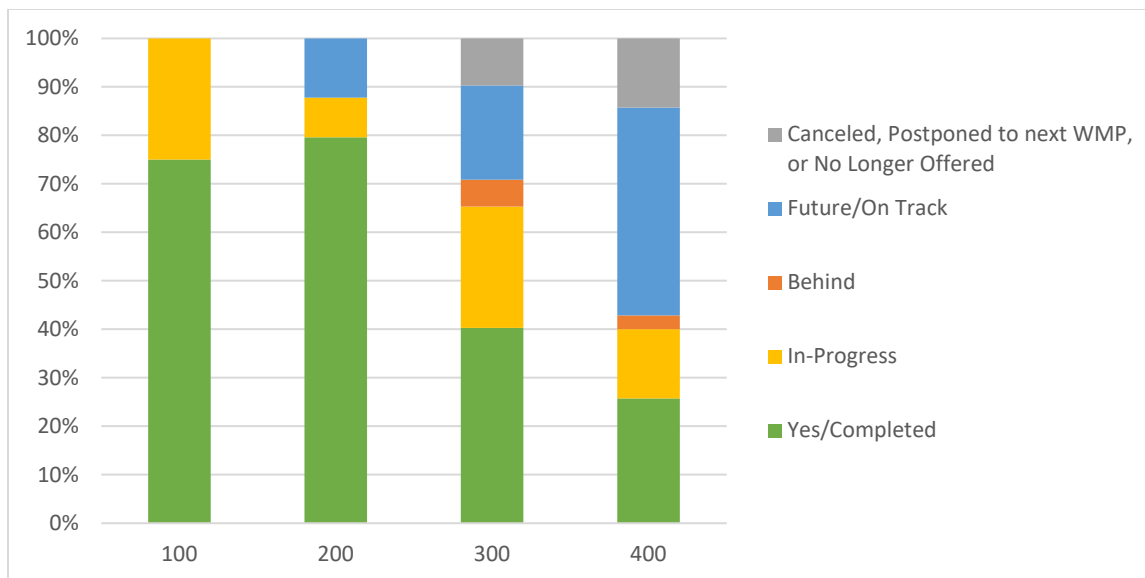


Figure 4. Implementation Activity Status by Category

4.3 Implementation Activities Likely Not to Occur

At this time, staff do not anticipate implementation of these items occurring within the next 5 years and they have been removed from next implementation schedule. These activities could be considered for inclusion in next WMP but should not be a priority for this plan cycle:

- 302E- Karst area study (Beneficial)
- 302F- Ramsey County Groundwater Study (Important)
- 325D/425D- Cascade Creek/Fountain Creek daylighting feasibility study (Beneficial)
- 331A/431A- Towerside Innovation District Stormwater Management Planning/CIP (Important/Beneficial): Innovative stormwater management was constructed outside of CRWD.
- 331B/431B- Creative Enterprise Zone Stormwater Management Planning/CIP (Important/Beneficial): CRWD has supported tree planting efforts in the CEZ but CRWD is not aware of upcoming opportunities for regional stormwater planning.
- 332A- East Kittsondale Subwatershed Project Prioritization (Beneficial)
- 433E- Science Museum of Minnesota (Critical)
- 375F- St. Paul watershed governance exploration (Important)

Additionally, there are some implementation activities that have been canceled or no longer relevant for this plan cycle or future plan cycles:

- 210F- Well sealing grants program was discontinued in 2023 due to redundancy with County Program and declining grantee numbers (Beneficial)
- 432E- Victoria Park Stormwater Improvements (Critical): CRWD partnered on a study in 2018 that identified stormwater management opportunities at Victoria Park. These stormwater features were ultimately not constructed.

5 Goal Assessment Results

Below is a summary of progress made toward the 93 goals and sub-goals identified in the WMP. Goals and sub-goals were given equal weight in this assessment, but when re-prioritizing work, it may be helpful to look at all subgoals within a goal and determine which are most important.

Goals and sub-goals were denoted as either “Met” or “Not Met”. Goals that are in progress, future, or partially met were marked as “Not Met” if the goal has not yet been fully realized. The assessment shows that 70% of WMP goals have been or are currently being met.

Table 6. Goal Status

Goal Status	Count	Percent
Goal Met	65	70%
Goal Not Met	28	30%
Total	93	100%

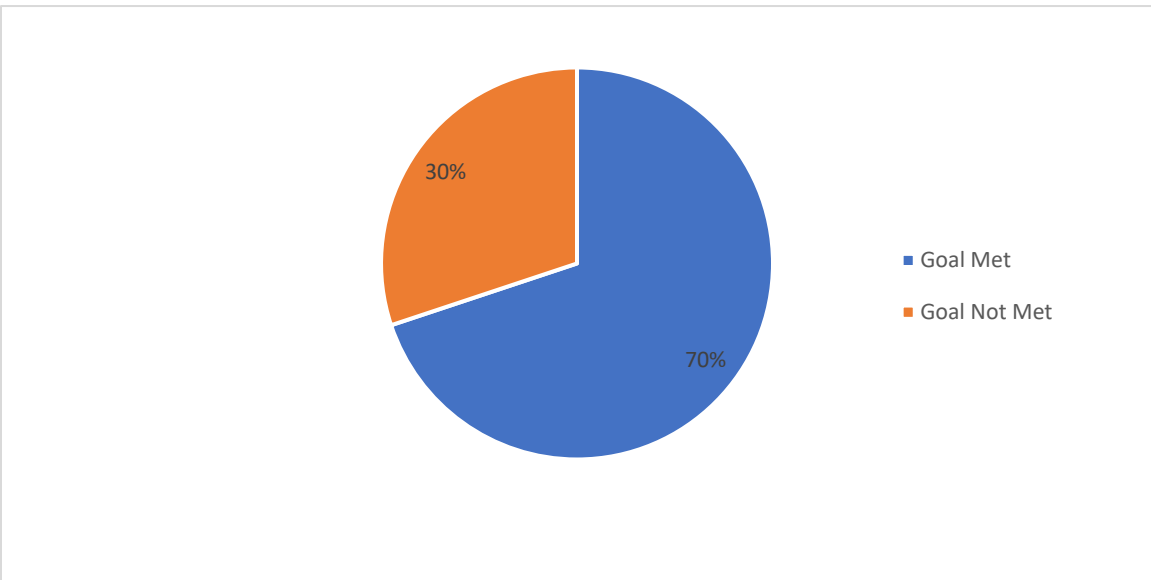


Figure 5. Goal Status

5.1 Goal Progress by Category

There are eight goal categories identified in the WMP. Some of these categories have more goals than others. For example, 25% of all goals and subgoals are within the Water Quality category. It can be helpful to look at goal progress by category to gain insight on where to focus work in future years.

Categories with goals yet to be achieved include Water Quality, Regulatory, Water Quantity and Flooding, and Environmental Health. Water Quality has the highest number and percentage of goals marked as ‘not met’. This is because many of the water quality goals are tied to multi-year efforts to improve impaired waterbodies. Progress is being made toward many, if not all, of these goals, but the metrics identified within the goals have not yet been met.

More detailed tables and notes about goal progress are available in Appendix C.

Table 7. Goal Status by Category

Category	Number of Goals & Subgoals in this Category	Goal Met	Goal Not Met	% of Total Goals
Built Environment	7	6	1	8%
Communications and Engagement	14	14		15%
Environmental Health	15	11	4	16%
Water Quantity and Flood Risk	7	3	4	8%
Infrastructure Management	7	7		8%
Organization	9	8	1	10%
Regulation	11	6	5	12%
Water Quality	23	10	13	25%
Grand Total	93	66	27	100%

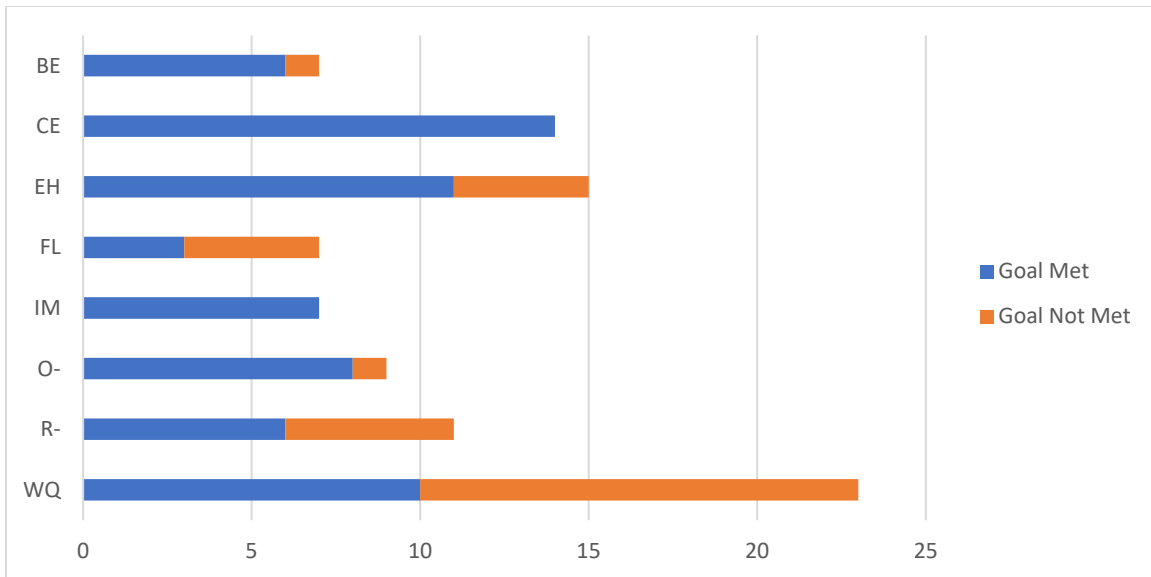


Figure 6. Goal Status by Category

6 Financial Evaluation

6.1 Methodology

Annual and 10-year budget estimates were provided in the WMP. Actual expenditures are tracked in an accounting platform using the same project codes identified in the WMP. Accounting reports were created and aligned with corresponding WMP estimates for comparison. More detailed budget tables are available in Appendix D that show annual expenditures by specific fund number.

6.2 Results

Actual expenditures reported for the 5-year period are 20% lower than estimated in the WMP. 2022 is the only year actual expenditures were higher than estimated. When comparing to the 10-year estimate from the WMP, actual 5-year expenditures have totaled 42% of the estimated 10-year budget.

Table 8. Annual WMP budget estimates compared to actual expenditures.

Year	10-year WMP Estimates	2021		2022		2023		2024		2025	
Fund #		WMP	Actual	WMP	Actual	WMP	Actual	WMP	Actual	WMP	Actual
100	\$ 11,122,564	\$ 968,200	\$ 1,120,416	\$ 1,002,551	\$ 1,247,721	\$ 1,027,163	\$ 1,658,705	\$ 1,063,606	\$ 1,738,291	\$ 1,089,718	\$ 1,793,157
200	\$ 43,214,799	\$ 3,198,150	\$ 2,646,993	\$ 3,395,941	\$ 2,633,136	\$ 3,868,363	\$ 2,613,064	\$ 4,009,749	\$ 3,249,268	\$ 4,253,807	\$ 2,983,007
300	\$ 11,584,009	\$ 1,472,900	\$ 636,453	\$ 1,322,324	\$ 708,461	\$ 1,204,185	\$ 666,987	\$ 1,287,582	\$ 765,952	\$ 1,030,595	\$ 812,496
400	\$ 32,224,821	\$ 5,309,650	\$ 951,787	\$ 2,291,544	\$ 2,476,562	\$ 1,726,509	\$ 1,488,231	\$ 2,115,957	\$ 2,319,882	\$ 3,396,673	\$ 887,658
Debt and Loan Services	\$ 11,379,658	\$ 1,081,500	\$ 1,672,173	\$ 1,113,945	\$ 2,850,184	\$ 1,147,363	\$ 998,908	\$ 1,125,509	\$ 952,940	\$ 1,159,274	\$ 951,075
Total	\$ 98,146,193	\$ 12,030,400	\$ 7,027,822	\$ 9,126,305	\$ 9,916,064	\$ 8,973,583	\$ 7,425,894	\$ 9,602,402	\$ 9,026,334	\$ 10,930,066	\$ 7,427,392

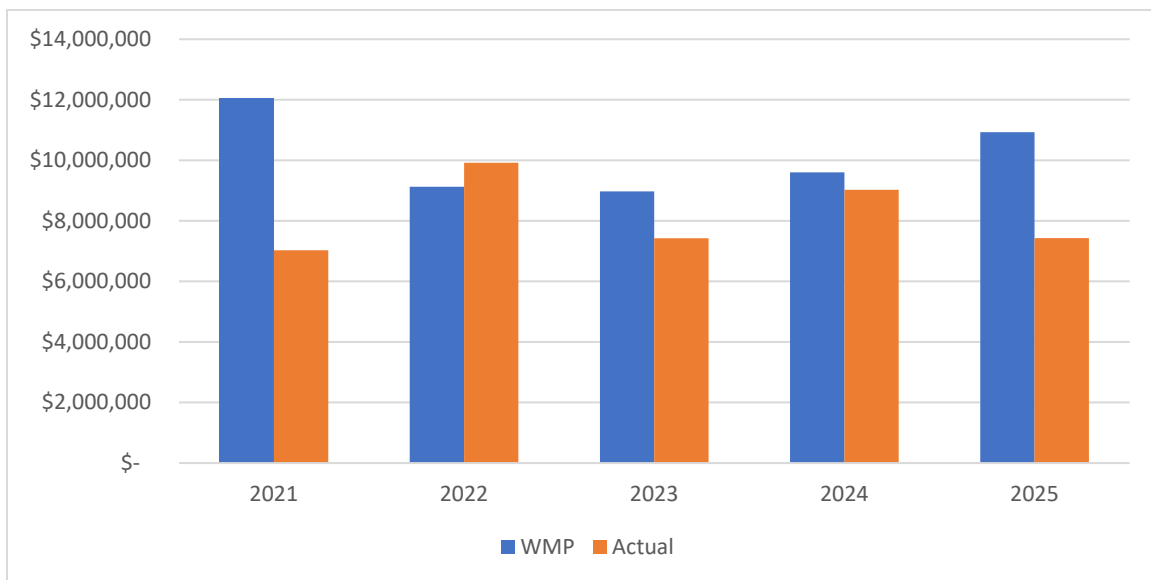


Figure 7. Annual WMP budget estimates compared to actual expenditures.

6.2.1 Expenditures by Fund Category

Expenditures can also be evaluated by fund category:

In the **Administration** category (100s), actual expenditures are consistently higher than estimated, by 16%-65% each year.

In the **Programs** category (200s), actual expenditures are consistently lower than estimated, by 17%-30% each year.

In the **Project Planning** category (300s), actual expenditures are also consistently lower than estimated, by 21%-57%.

The **CIPs** category (400s) shows a mix of both over-and under-spending when compared to the WMP estimates. In 2021, 2023, and 2025, actual expenditures were 82%, 10% and 74% under-estimated, respectively. In 2022 and 2024, actual expenditures were 8% and 10% higher than estimated.

When looking collectively at the five-year total estimated vs. actual expenditures, actual expenditures are lower than estimated expenditures in all categories except for Administration and Debt and Loan Services.

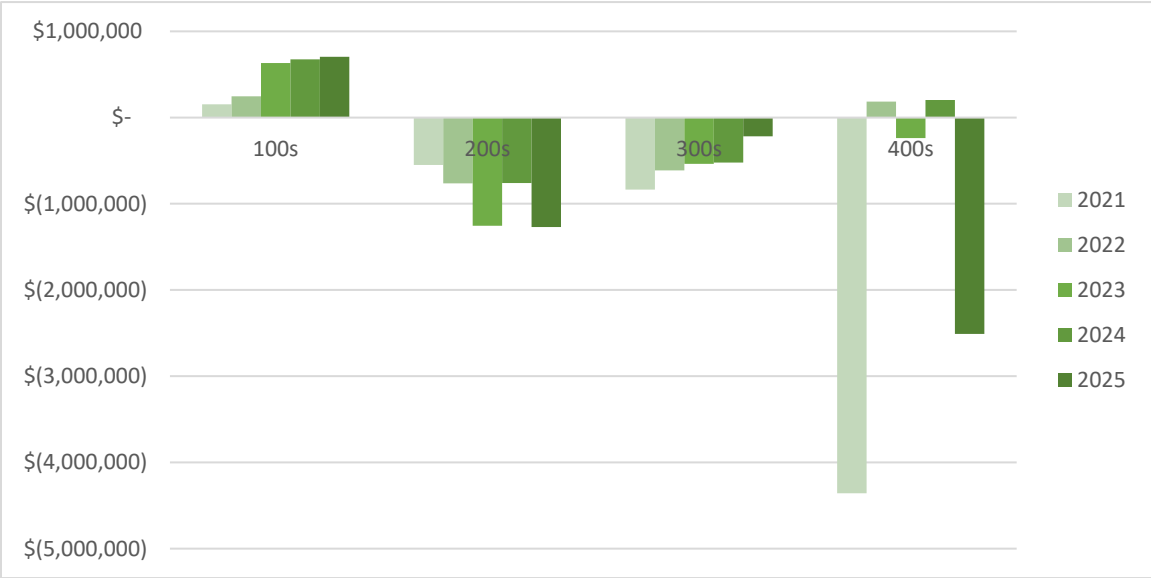


Figure 8. Amount over or under estimated expenditures, by fund category and year.

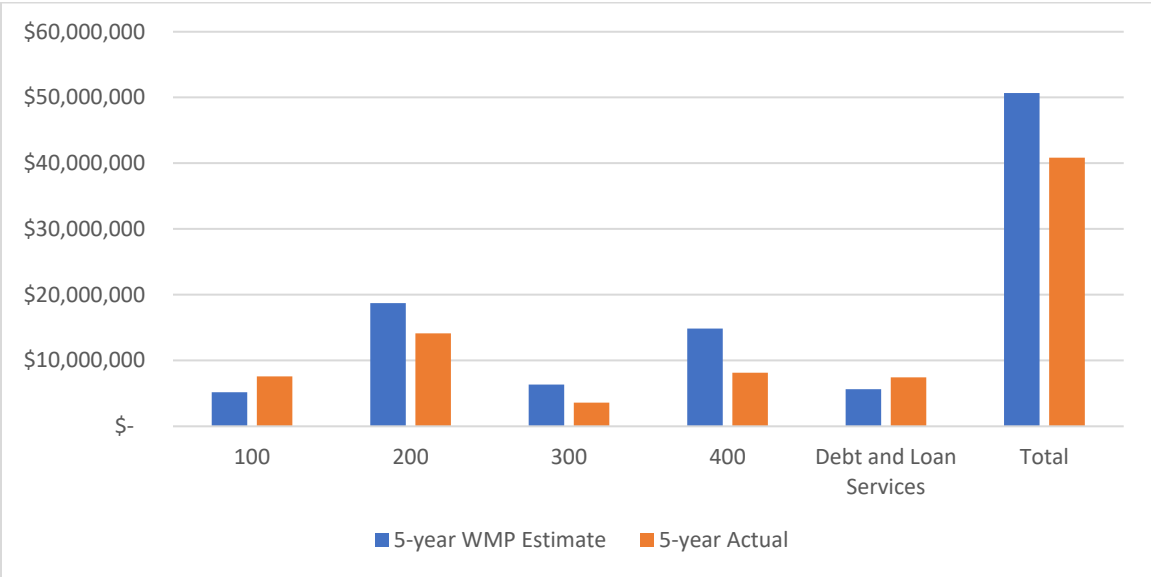


Figure 9. 5-year (2021-2025) WMP estimated budget compared to actual expenditures, by fund category and total.

7 Recommendations

There are dozens of critical and important implementation activities within the WMP, across all divisions, which should continue. Similarly, the goals related to those activities all bear importance. This section is not intended to discount those activities and goals, but aims to direct attention to a select subset of implementation activities and goals that may warrant extra attention, capacity, and focus in years 2026-2030.

7.1 Focused Implementation Activities

Table 9. Focused Implementation Activities

Fund #	Description
208C	Permittee Post-Construction BMP Inspections (Permitted Sites Maintenance Program)
208E/208G	Rules evaluation and update, evaluation of stormwater requirements on less than one acre sites
208F	Deicing practices rule
210H	Chloride reduction grants
211F	Monitoring data trend analysis and reporting
220C	Clean Streets: Continue pilot with District Planning Councils to coordinate trash and curb cleanups and chloride reduction campaigns.
220E	Digital Communications- Complete website redesign that meets WCAG 2.1 Level AA guidelines.
220L	Partner Grants- Establish mini grants to promote new partnerships and/or innovative engagement methods while increasing clean water knowledge and actions.
222D	Cooperative BMP maintenance service program
305B/305C	Como Lake AIS Management/Lake Vegetation management plan and implementation
305I	Como Park area drainage infrastructure planning (Gottfried's Pit)
310A/410A	Lake McCarrons alum evaluation and treatment
313A	Loeb Lake Management Plan update
325B/425B	Hidden Falls Creek Restoration Planning and Implementation
317C	Update Crosby Lake Management Plan
317D	35E Regional stormwater BMP feasibility study
331E	Future Stormwater Planning in MR Gorge Subwatershed - Les Bolstad Golf Course
332C	Area C Ford Site Planning
332D	Snelling-Midway Redevelopment Planning
333A/433A	Capitol Area Site Specific Stormwater Planning and CIPs including former Sears Redevelopment Site
333D	St. Anthony Hill SWS Study
375C	WMP update
375H	District flooding prioritization and solution identification
375I	Trash management planning and implementation
405L	McMurray Field construction
405O	Gottfried's Pit Improvements
425H	Future wetland/stream/natural resource restoration projects
475B	Great River Passage CIPs (River Learning Center and Downtown River Walk)

7.2 Focused Goals

Table 10. Focused Goals

Goal #	Description
BE-4	Identify and prioritize improvement projects in each of the District's high priority subwatersheds (Trout Brook, Saint Anthony Hill, and Phalen Creek) (see Section 3.2) through development of at least one subwatershed study in each subwatershed
WQ-1 (Como Lake)	a. Achieve and maintain in-lake summer average total phosphorus (TP) concentration less than 60 µg/L b. Reduce watershed phosphorus loading by 60% relative to year 2000 baseline c. Reduce internal phosphorus loading by 95%
WQ-5	Reduce sediment loading from the District to the Mississippi River to less than 154 lbs./acre/yr (South Metro Mississippi River Turbidity TMDL) through ongoing practices (e.g., regulation) and capital improvements (e.g., assessment, prioritization, and stabilization of eroded ravines)
WQ-6	Make progress towards reducing total phosphorus loading to 0.35 lb/acre/yr to the Mississippi River and achieving total phosphorus concentrations of 125 ug/L and 100 ug/L in the Mississippi River and Lake Pepin, respectively (draft Lake Pepin TMDL)
WQ-9	Establish a baseline and reduce chloride loading to Como Lake and make progress towards meeting the 2,233 lbs/day MS4 waste load allocation to Como Lake through actions identified in the Twin Cities Metro Area Chloride Management Plan
FL-4	Reduce the likelihood and/or consequences of flooding by working with partners to identify, prioritize, and address existing and potential infrastructure capacity and other contributing issues throughout the District
FL-5	Maintain existing floodplain capacity (i.e., no net loss) through implementation of the District's Rules and identify opportunities to increase floodplain capacity and functionality along Crosby Lake and other areas along the Mississippi River
EH-1 (Como Lake)	a. Reduce the occurrence of curly-leaf pondweed to <10% during period of peak abundance b. Establish and maintain native aquatic vegetation with >8 species richness and at least 3 species >20% frequency of occurrence c. Establish and maintain a fishery with balanced populations of piscivorous, planktivorous, and benthivorous fish
EH-3	Manage Crosby Lake to improve and sustain its ecological health as a shallow lake appropriate for its proximity to the Mississippi River and achieve the following ecosystem health goal identified in the Crosby Lake Management Plan: a. Develop and work towards achieving long term targets for fish and aquatic plant diversity
EH-7	Pursue wetland restoration and local banking opportunities in the top three priority areas identified in the District's future Wetland Management Plan
R-4	Work with agency partners to evaluate and consider regulations for deicing practices
R-6	Support the State's efforts to develop comprehensive water reuse policy and guidance and updates to the State plumbing code.

7.3 Budget Recommendations

Based on actual versus estimated expenditures in years 2021-2025, it is recommended that CRWD continue the current budgeting process without major changes. In future watershed management plans, additional budget could be planned for administrative costs.

7.4 Plan Amendment Needs

The Board of Soil and Water Resources (BWSR) provides a [1W1P Operating Procedures Manual](#) as well as [amendment guidance](#) for determining which changes to WMP implementation may require a regular or a minor Plan amendment.

This guidance was reviewed to determine whether a plan amendment (regular or minor) is needed to reflect any new implementation activities not specifically identified in the WMP. To date, all current and anticipated activities fall within an existing implementation activity and were within reasonable range of anticipated early planning budgets prepared for the WMP. Therefore, it was determined that an amendment is not needed.

7.5 Future WMP Planning and Reviews

It is recommended that staff complete a biennial review in 2028 to assess WMP progress for years 2026-2027. This timing will likely coincide with initiation of the next 10-year WMP development process.

8 Summary and Conclusion

8.1 Biennial Review Comparison

A biennial review was completed in 2023 to evaluate progress in years 1 and 2 of WMP implementation. The biennial review concluded that CRWD was on track and successfully implementing its 2021-2030 WMP. In 2022, 84 implementation activities were shown to be completed or in-progress. During this mid-plan review, that number increased to 113.

The biennial review showed that a higher percentage of Administration- and Program-related implementation activities were being carried out compared to Projects and CIPs. As such, more staff time was also being spent on Administration and Programs compared to Projects and CIPs. For these reasons, there was an emphasis placed on increasing implementation of Projects and CIPs in following years. Specific implementation activities and goals that were recommended for emphasis are shown below. Since the biennial review, progress has been made on all activities.

Table 11. Biennial Review Implementation Activity Progress Comparison

Implementation Activity	Priority	Biennial Review Status	Mid-Plan Review Status
222C - Facility Management Plan	Critical	Behind	Completed
325G - Wetland Restoration Planning	Important	In-Progress	Completed

333C – Phalen Creek Subwatershed Water Quality and Quantity Study	Critical	Future	In-Progress*
375K – District Chloride Source Assessment and Prevention Plan	Important	Behind	In-Progress*
375O – Climate Science and Community Resiliency Plan	Critical	Behind	Completed

*implementation activities will be completed in early 2026. Status reflects standing at end of 2025.

The biennial review also recommended focusing on progress toward the following Plan Goals. Although not all of these plan Goals have been met since the biennial review, progress and/or plans have been made toward all of these goals.

Table 12. Biennial Review Goal Progress Comparison

Goal	Mid-Plan Review Goal Status	Notes
Water Quality Goals #9 and #10 – Establish baseline chloride loads and reduce chloride loading to Como Lake and Mississippi River	Goal Not Met	Chloride Pollution Prevention Plan will be implemented beginning in 2026
Regulatory Goal #4 – Work with agencies to evaluate and consider regulations for deicing	Goal Not Met	Chloride Pollution Prevention Plan will be implemented beginning in 2026
Communications and Engagement Goal #7 – Increase communication and engagement efforts to help address chloride and trash pollution	Goal Met	
Water Quantity Goal #6– Make progress towards reducing total phosphorus loading to 0.35 lb/acre/yr to the Mississippi River and achieving total phosphorus concentrations of 125 ug/L and 100 ug/L in the Mississippi River and Lake Pepin, respectively (draft Lake Pepin TMDL)	Goal Not Met	An analysis will be completed to evaluate current loading and concentrations
Flood Risk Goals #6-- Adapt to changing climate by evaluating flood risk and designing all new applicable District projects under present and future climate and precipitation trends	Goal Not Met	We are considering future climate trends in design but don't have specific design standards for them yet.
Flood Risk Goals #3 and #4 – Minimize flood risks and reduce impacts to stormwater infrastructure and property in three high priority flood prone areas in TBI and other areas	Goal Not Met	Issues have been investigated, identified, and prioritized but solutions have not yet been implemented

Infrastructure Management Goals #2, #3, #4, #5 and #6 – Long-term management approaches for publicly owned regional systems, a BMP maintenance service program, and O&M support for grant-funded projects and permitted projects	Goals Met	
Built Environment #4 – Identify and prioritize improvement projects in each of the District’s high priority subwatersheds – Trout Brook, Saint Anthony Hill and Phalen Creek	Goal Not Met	Completed in Trout Brook but not yet in SAH and Phalen Creek.
Ecosystem Health Goal #4 – Manage reestablished native plant communities and control invasive species	Goal Met	
Ecosystem Health Goal #5 – Improve ecosystem health in the high priority subwatersheds	Goal Not Met	NRI has been completed Phalen and North End neighborhoods, but not yet in SAH subwatershed.
Ecosystem Health Goal #7 – Develop a District wetland management plan and pursue wetland restoration and banking opportunities	Goal Not Met	Wetland Management Plan has been completed with implementation beginning in 2026

8.2 Summary

This mid-plan review shows that CRWD is largely on track to achieve the goals and implementation activities identified in the 2021–2030 Watershed Management Plan (WMP). Across the first five years of Plan implementation (2021–2025), CRWD has made substantial progress toward advancing water quality, flood mitigation, ecosystem health, regulatory effectiveness, infrastructure management, and community engagement throughout the District.

Overall, 68% of the 178 implementation activities are completed or in progress, with an additional 21% planned for implementation in the second half of the Plan (2026–2030). Importantly, no Critical implementation activities are currently categorized as behind, underscoring CRWD’s effectiveness in advancing its highest-priority work.

Progress toward Plan Goals mirrors these strong implementation outcomes. Of the Plan’s 93 goals and sub-goals, 70% are being met, reflecting meaningful progress across most goal categories. Goals identified as not met are largely concentrated within the Water Quality category, which is to be expected when many of the goals are tied to pollutant reduction requirements for impaired waterbodies that could take decades to achieve.

As anticipated at the time of Plan adoption, priorities have evolved in response to emerging needs, opportunities, partnerships, and adaptive management.

Looking ahead, this review provides clear direction for the second half of the Plan period. Identified priority implementation activities and goals offer focus for 2026–2030, emphasizing:

- Data-driven decision making through monitoring, evaluation, and data analysis;
- Strengthened community engagement and equitable access;

- Re-evaluation of regulatory program components to reflect changing development needs;
- Support of programs that provide long-term maintenance of public and privately-owned infrastructure;
- Strategic management in and around key waterbodies to meet water quality goals; and
- Continued CIP planning and implementation for water quality and flood mitigation.

8.3 Conclusion

CRWD has achieved numerous accomplishments over the first five years of WMP implementation, and these successes warrant celebration and broader visibility. Sharing progress highlights through newsletters, social media, partner updates, and other communication channels will help reinforce transparency, build public trust, and recognize the contributions of partners and staff.

This mid-plan review serves as a more encompassing substitute for a 2023–2024 biennial review and should be submitted to BWSR. A subsequent biennial review in 2028 is recommended to evaluate progress for 2026–2027 and to inform development of the next Watershed Management Plan.

In summary, this mid-plan review affirms that CRWD is effectively implementing its Watershed Management Plan, responsibly managing financial resources, and adapting to evolving priorities—positioning the District well to achieve its long-term watershed goals by 2030.

9 Appendix

- Appendix A: Measurable Output Detailed Table
- Appendix B: Implementation Activity Detailed Table
- Appendix C: Goals and Sub-Goals Detailed Table
- Appendix D: Budget Tables

Appendix A: Measurable Output Detailed Table

Measurable Output Tracking

Updated 5/29/2026 highlight=changed between biennial review and mid-plan review

Annual assessment																	5-Year Total
PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Division	PRIORITY LEVEL (Critical, Important, Beneficial)	IMPLEMENTATION YEARS	MEASURABLE OUTPUTS	2021-2025 Assessment	2021 Progress	2021 Comments	2022 Progress	2022 Comments	2023 Progress	2023 Comments	2024 Progress	2024 Comments	2025 Progress	2025 Comments	2021-2025 Measurable Output Total
ADMINISTRATION																	
101	Administration																
101A	General administration	ADMIN	Critical	All Years	Annual budget	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
101A	General administration	ADMIN	Critical	All Years	Annual Audit	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
101A	General administration	ADMIN	Critical	All Years	Annual Report	Yes/Completed	Yes		Yes		Yes		Yes		Future		
101B	Citizen Advisory Committee	ADMIN	Critical	All Years	12 CAC members	Yes/Completed	Yes		Yes	12	Yes	13	Yes	13	Yes	11	
101B	Citizen Advisory Committee	ADMIN	Critical		12 monthly meetings	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
101C	External funding opportunities	ADMIN	Critical	All Years	1 external funding opportunities study	In-Progress	Other		Other		Other		Partial	Grant Tracking Teams Channel	Partial		
101D	Program effectiveness assessment	ADMIN	Critical	2022, 2024, 2026, 2028	Bi-annual assessment report	In-Progress	Future		Yes		Future		Other		Future	A 2023-2024 biennial review was	
101E	Office operations	ADMIN	Critical	All Years	Annual office operations	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
101F	MAWD support	ADMIN	Important	All Years	Annual MAWD support	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
101G	Safety Program	MRM	Critical	All Years	Annual training	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
101G	Safety Program	MRM	Critical		Monthly staff meeting safety reminders	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
101H	Diversity and inclusion program	ADMIN	Critical	All Years	1 - 2 workshops for staff annually	Yes/Completed	Other		Other		Yes	Know Your Neighbor	Yes	Wakan Tipi Awanyankapi	Yes	Beyond Learning from Place	5 staff workshops
101H	Diversity and inclusion program	ADMIN	Critical		Outreach and communication plan for 2 underserved communities	In-Progress	Other		Yes	3 Groups have been identified. O & C plan is	Partial		Partial		Partial		
101H	Diversity and inclusion program	ADMIN	Critical		Engage 3-5 organizations/schools working with BIPOC	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
101H	Diversity and inclusion program	ADMIN	Critical		Implement best practices in hiring	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
101H	Diversity and inclusion program	ADMIN	Critical		Semi-annual diversity and inclusion workshops for partners	Yes/Completed	Other		Yes		Yes	DEIA workgroup host	Yes	MN Watersheds, Midwest Climate			3 partner workshops
PROGRAMS																	
208	Regulatory Program																
208A	General permitting implementation	REG	Critical	All Years	30 permits approved annually	Yes/Completed	Yes	37 applications received	Partial	27 applications received	Yes	33 permit applications	Yes	42 applications		54 applications	193 applications
208A	General permitting implementation	REG	Critical		7 acre-feet retained annually	In-Progress	Partial	2.56 acre-feet approved (infiltration)	Partial	2.09 acre-feet approved (infiltration)	Partial	5.6AF	Partial	1.39AF		3.8AF	15.4AF approved
208B	Coordinated erosion and sediment control inspections	REG	Important	All Years	(% compliance) Active Sites Visited once per week during construction	Yes/Completed	Yes	60 active sites, 1176 inspections	Yes	58 active sites, 797 inspections	Yes	709 inspections	Yes	725 inspections	Yes	619 inspections	4026 site inspections
208C	Permittee post construction BMP inspections	REG	Important	All Years	20 inspected BMPs per year	Yes/Completed	Yes	21 permits closed	Partial	15 permits closed + 2 maintenance	Partial	11 closed permits	Yes	29 closed permits	Yes	15 in 2025	91 closed permits
208C	Permittee post construction BMP inspections	REG	Important		BMP conditions status reports per year	Yes/Completed	Yes	21 permits closed, related reports	Partial	15 permits closed + 2 maintenance	Yes		Yes		Yes		
208D	Engagement activities with permittees, developers, engineers, and applicants	REG	Important	All Years	5 meetings with private developers during the plan period	Future/On Track	Other		0 Other	0	Future		Future		Future		
208E	Rules evaluation and update	REG	Critical	All Years	5 Rules TAC meetings	Future/On Track	Other		Other		Other		Other		Partial	Updates do not happen every year	
208E	Rules evaluation and update	REG	Critical		# updates to District Rules	In-Progress	Other		Partial	Rule revision work started	Yes	rules updated 2023	Yes		Partial		
208F	Deicing practices rule	REG	Important	2027, 2028, 2029	1 chloride reduction rule or ordinance assistance package	Future/On Track	Future		Future		Future		Future		Future		
208G	Stormwater rule requirements on sites less than one acre	REG	Critical	2023, 2024	1 Rule Revision for Small Sites	Future/On Track	Future		Future		Future		Other		Other		
208H	Illicit Discharge Detection and Elimination (IDDE) plan implementation	REG	Important	All Years	20 illicit discharges removed over 10 years	Yes/Completed	Partial	4 ID's detected and eliminated	Partial	3 ID's detected and eliminated	Yes	10 illicit discharges	Yes	10 illicit discharges	Yes	6 illicit discharges	33 illicit discharges
208I	Green infrastructure incentives in District rules	REG	Important	2025, 2026	1 adopted green infrastructure incentive rule	Future/On Track	Future		Future		Future		Future		Future		
208J	Industrial stormwater permittee coordination	REG	Important	All Years	10 industrial stormwater site meetings	Future/On Track	Other		0 Partial	Spoke with MPCA 1 time	Future		Future		Future	Might not be the most useful metric	
208K	Water reuse policy support	FM	Critical	All Years	Adopted water reuse guidance document	In-Progress	Other		Partial	MDH document published, meetings	Partial		Partial		Partial	support provided- CRWD not lead	
210	Grants Program																
210A	Stewardship grants	PPG	Critical	All Years	10 projects annually, stormwater volume retention in the amount equivalent to 1.1"runoff	Yes/Completed	Yes	44 completed, 28 agreements signed	Yes	20 completed, 43 agreements signed	Yes	53 grant awards	Yes	46 grant awards	Yes	28 grant awards	198 CWP and NLG grants awarded
210B	Stewardship grant outreach	PPG	Critical	All Years	12 community events with translated Stewardship Grant outreach materials	Yes/Completed	Yes	58 stormwater related events	Yes	At least 32 events	Yes		Yes		Yes		
210B	Stewardship grant outreach	PPG	Critical		Engage with 3 organizations that serve BIPOC residents	Yes/Completed	Yes		Yes	Ex. LEDC, Urban Roots, Keystone, etc	Yes		Yes		Yes	TSI	
210C	Stewardship grant project inspection and maintenance assistance	PPG	Important	All Years	90% BMPs rated fair or better for functionality	Yes/Completed	Partial	84% BMPs rated fair or better for functionality	Partial	87% BMPs rated fair or better for functionality	Yes	93% BMPs rated fair or TSI completed, over 20 sites	Partial	85% BMPs rated fair or better for	Yes	95% A or B	
210D	Targeted site identification	PPG	Important	2022, 2025, 2029	12 suitable sites identified over the 10-year plan	Yes/Completed	Future		Other	Should start in 2023	Yes		Yes		Yes		20 sites identified
210E	ROW projects - boulevard raingardens	PPG	Important	All Years	5 projects annually; stormwater volume retention in the amount equivalent to 1.1"runoff and 90%	Yes/Completed	Yes	23 projects completed	Yes	5 Roseville RGs	Yes	8	Yes	7	Yes	5	48 rain gardens constructed
210F	Well-sealing Grants	PPG	Beneficial	All Years	12 wells sealed annually	Yes/Completed	Partial	4 wells sealed	Partial	4 wells sealed	Other	__#__ wells sealed	Other	__#__ wells sealed	Other	__#__ wells sealed	8 wells sealed
210G	Large-scale site planning grants	PPG	Important	All Years	3 planning grants annually	Yes/Completed	Partial	Issued: Great River Passage, Keystone	Partial	Completed: Great River Passage, Keystone	Partial	Bee Line	Partial	SPRWS, Maxfield Elementary	Partial	Expo Elementary, Arcade St. Gardens	7 planning grants issued
210H	Chloride reduction grants	PPG	Important	2023 - 2030	5 chloride reduction grants annually	Behind	Future		Future		Other		Other		Other	Chloride Mgt Plan still wrapping up	0 chloride dreduction grants awarded
210I	District "watercorps" position	CE	Important	2022, 2023	1 position offered annually	Yes/Completed	Future		Partial		Yes	2 righttrack interns	Yes	2 righttrack interns	Yes	2 righttrack interns	6 internships provided

PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Division	PRIORITY LEVEL (Critical, Important, Beneficial)	IMPLEMENTATION YEARS	MEASURABLE OUTPUTS	2021-2025 Assessment	2021 Progress	2021 Comments	2022 Progress	2022 Comments	2023 Progress	2023 Comments	2024 Progress	2024 Comments	2025 Progress	2025 Comments	2021-2025 Measurable Output Total
211	Monitoring, Assessment and Research Program																
211A	Stormwater monitoring and data collection	MRM	Critical	All Years	10 monitoring sites; stormwater quality and quantity data	Yes/Completed	Yes	10 Full water quality stations monitored	Yes	5 Full water quality stations monitored	Yes	14 stations	Yes		Yes		14 water quality stations annually
211B	Lake monitoring and data collection	MRM	Critical	All Years	5 lakes monitored; lake quality, and quantity data, and biological data	Yes/Completed	Yes		Yes		Yes		Yes		Yes		5 lakes monitored annually
211C	BMP performance monitoring	MRM	Critical	All Years	8 BMPs monitored; volume and pollutant reductions	Yes/Completed	Yes	11 BMP locations monitored	Yes	10 BMP locations monitored	Yes		Yes	13 CIPs	Yes		13 CIPs monitored
211D	Monitoring database and reporting tool	MRM	Important	All Years	Stormwater and lake data available on monitoring database and reporting tool	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
211E	Wetland biological integrity monitoring	MRM	Important	All Years	18 wetlands monitored; wetland health grades	Yes/Completed	Yes	10 wetlands monitored	Yes	11 wetlands monitored	Yes		Yes		Yes		19 wetlands monitored bi-annually
211F	Monitoring data trend analysis and reporting for public	MRM	Important	2021, 2022	Monitoring trend analysis report	In-Progress	Other		Other		Other		Other		In-Progress	Wetland analysis, WISKI refresh	
211G	Citizen Science Monitoring Program	MRM	Important	2023 - 2030	Citizen science monitoring program	Future/On Track	Partial	Initiated citizen trash survey in 2020 and	Future		Future		Future		Future		
211H	Research program	MRM	Important	All Years	Stormwater research reports	Yes/Completed	Other		Other		Yes		Yes		Yes	funding to stormwater	
211I	Emerging contaminants and water quality issues	MRM	Important	All Years	New monitoring parameters and results	Yes/Completed	Yes	Microplastics	Yes	Microplastics	Yes	microplastics, bacteria source	Yes	microplastics, bacteria source	Yes	increased winter chloride monitoring things similar to street sweeping?	
211J	Non-structural BMPs effectiveness	MRM	Beneficial	2025, 2026, 2027	Technical memo	Future/On Track	Future		Future		Future		Future		Future		
220	Communications and Engagement Program																
220A	General communications and engagement	CE	Critical	All Years	Brand standards and common language	Yes/Completed	Other		Yes	Refreshed brand guide - communications toolkit	Yes		Yes		Yes		
220A	General communications and engagement	CE	Critical	All Years	5 outreach meetings per month	Yes/Completed	Yes		Yes	Internal staff meetings and outside	Yes		Yes		Yes		
220A	General communications and engagement	CE	Critical	All Years	Contact database	Future/On Track	Other		Other		Future		Future		Future		
220B	Project Communication	CE	Critical	All Years	Project specific communication plans and tools	Yes/Completed	Yes	project communications plans	Yes	project communications plans	Yes	project communications plans	Yes	project communications plans	Yes	project communications plans	
220B	Project Communication	CE	Critical	All Years	3 pieces of digital content per project per year	Yes/Completed	Yes	website, social media, and newsletter	Yes	website, social media, and newsletter	Yes	website, social media, and newsletter	Yes	website, social media, and newsletter	Yes	website, social media, and newsletter	
220C	Clean Streets	CE	Important	All Years	300 storm drains adopted per year	Yes/Completed	Yes	321 new storm drains	Partial	268 new storm drains	Yes	374	Yes	~400	Yes	366	1729 storm drains adoped
220C	Clean Streets	CE	Important	All Years	200 new participants per year	Yes/Completed	Partial	141 new volunteers	Partial	143 new volunteers	Yes		Yes		Yes	199	
220C	Clean Streets	CE	Important	All Years	5,000 lbs. of trash, sediment and organics removed collected in 300 hours per year	Yes/Completed	Yes	31,000 lbs removed	Yes	26,264.6 lbs removed	Yes		Yes	30,000	Yes	18897.8 lbs of debris collected in	
220D	Maintenance workshops for water quality	CE	Critical	All Years	2-4 workshops with 20-45 attendees per year	Yes/Completed	Yes	Winter Roads Maintenance	Yes	2 Winter Roads Maintenance	Yes		Yes	winter maintenance-2022,400 users	Yes	5 workshops	
220E	Digital communications	CE	Critical	All Years	18,000 website visitors/65,000 pageviews per year	Yes/Completed	Partial	55,597 pageviews	Partial	18,302 users	Partial	19,000 users	Yes	73,600	Yes	24,000 users	341556 website views, 83702 users
220E	Digital communications	CE	Critical	All Years	10,400 engagements on social media per year	In-Progress	Partial	62,669 pageviews	Partial	62,669 pageviews	Partial	5,700 engagements	Yes	10,650 engagements	Partial	88,700 pageviews	30050 social media engagements
220E	Digital communications	CE	Critical	All Years	1,000-3,000 newsletter subscribers per year	Yes/Completed	Yes	1,050	Yes	1,100 subscribers	Yes	1,200 subscribers	Yes	1,250 subscribers	Yes	1,300 subscribers	
220F	Volunteer programs	CE	Important	All Years	15-20 volunteers per year	Yes/Completed	Yes	9 new MWS + 20 graduated MWS	Yes	4 new MWS graduated in 2022	Yes		Yes		Partial	paused program for 2025	
220F	Volunteer programs	CE	Important	All Years	100-200 hours served at 50 or more community events or site visits per year	Yes/Completed	Yes	235 hours	Yes	over 121 hrs	Yes		Yes		Yes		
220G	Sponsorships	CE	Important	All Years	5-10 District sponsored events/activities per year	Yes/Completed	Yes	Children's Waterfest, RWMWD Waterfest	Yes	Children's Waterfest, RWMWD Waterfest	Yes		Yes		Yes	9 sponsored activities	
220G	Sponsorships	CE	Important	All Years	1,000-5,000 people served per year	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
220H	Partnerships	CE	Critical	All Years	50 hours spent collaborating with 10 key community partners per year	Yes/Completed	Yes		Yes	19 collaborative community partners	Yes		Yes		Yes		
220I	Events	CE	Important	All Years	25 community events attended by the District per year	Yes/Completed	Yes	100+ events	Yes	Over 25 events	Yes		Yes		Yes	51 events	200+ events
220I	Events	CE	Important	All Years	2,000 people reached per year	Yes/Completed	Yes	8,500 residents engaged	Yes	Over 2,000 people engaged	Yes	4117	Yes	2341	Yes	1573 in comms database but likely	18531 people engaged at events
220J	Awards program	CE	Beneficial	All Years	Annual awards program to recognize up to six individuals or organizations	Yes/Completed	Yes	Virtual Award Ceremony	Yes	Virtual Award Ceremony	Yes		Yes		Yes		
220K	Youth programs	CE	Important	All Years	500 youth engaged per year	Yes/Completed	Yes	over 1,500 youth engaged	Yes	1,210 youth engaged	Yes		Yes		Yes	1,127 youth engaged	over 3000 youth engaged
220K	Youth programs	CE	Important	All Years	types of youth programs	Yes/Completed	Yes	curriculum for teachers and digital resources	Yes	Childrens waterfest, Adopt a Drain k12	Yes		Yes		Yes	Adopt a drain K12, projects with	
220K	Youth programs	CE	Important	All Years	5 schools worked with per year	Yes/Completed	Yes	at least 8 schools	Yes	20 schools	Yes		Yes		Yes	17 grade schools, 2 universities. 5 youth	
220L	Partner grant program	CE	Important	All Years	10 Partner Grant projects per year	Yes/Completed	Yes	18 proposals approved	Yes	13 proposals approved	Yes	13	Yes		Yes	8-10. 2026 not a formal application	68 partner grants
220L	Partner grant program	CE	Important	All Years	5,000-10,000 participants served per year	Yes/Completed	Yes	over 6,000	Yes	over 9000	Yes		Yes		Yes		
220L	Partner grant program	CE	Important	All Years	types of products created per year	Yes/Completed	Yes	K-12 curriculum resources, outtings at	Yes	3 utility box wraps with custom water themed	Yes		Yes		Yes	mark yes if products were created	
220L	Partner grant program	CE	Important	All Years	pollution reduction per year	Yes/Completed	Yes	9lbs TP, 350lbs of trash	Yes	24,000 curb feet cleared of leaves	Yes		Yes		Yes	partner grant purpose is not	
220L	Partner grant program	CE	Important	All Years	acres of greenspace restored per year	Yes/Completed	Partial		Partial		Yes		Yes		Yes	mark yes if partner grant program	
220M	Public art program	CE	Important	All Years	1-2 arts related projects, activities, events per year	Yes/Completed	Yes	Completion of the Field Guide for Working with	Yes	Northern Spark: inglw mekwendampowaad	Yes		Yes		Yes	3 art and water events	
220M	Public art program	CE	Important	All Years	demographics of audiences when available	Canceled, Postponed to next WMP, or No Longer Offered	Yes	Examples of audiences served through Partner	Yes	Examples of audiences served through Partner	Yes		Yes		Yes		
220N	595 Aldine communications and engagement	CE	Important	All Years	4-5 BMP and interactive exhibit signs per year	Yes/Completed	Partial	Pierce Butler Meadows	Yes	Willow Reserve, Neighborhood	Partial	crwd building signage in	Yes	CRWD building signage installed	Yes		
220N	595 Aldine communications and engagement	CE	Important	All Years	1-2 exhibits, and activities at District office per year	Yes/Completed	Other		Other	Planned for 2023	Yes		Yes		Yes	3 art and water events	
222	Facility (Infrastructure) Management Program																
222A	District-owned facility management	FM	Critical	All Years	6 BMPs inspected and maintained	Yes/Completed	Yes		Yes		Yes		Yes		Yes		

PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Division	PRIORITY LEVEL (Critical, Important, Beneficial)	IMPLEMENTATION YEARS	MEASURABLE OUTPUTS	2021-2025 Assessment	2021 Progress	2021 Comments	2022 Progress	2022 Comments	2023 Progress	2023 Comments	2024 Progress	2024 Comments	2025 Progress	2025 Comments	2021-2025 Measurable Output Total
222B	Shared ownership (District/partner) facility management	FM	Critical	All Years	4 BMPs inspected and maintained	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
222C	Partner owned facility management and ownership evaluation	FM	Critical	All Years	Evaluation report	Yes/Completed	Other		Other		Completed	Facility Management	Completed		Completed		
222D	Cooperative BMP maintenance service program	FM	Important	2023 - 2030	6 BMPs inspected and maintained	Yes/Completed	Future		Future		Partial		Yes	Rain Gardens	Yes	Rain gardens, planning for	
222E	BMP database	PPG	Critical	All Years	BMP database	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
PROJECTS - Planning, Design and CIPs																	
302	Groundwater Projects																
302A	Groundwater seepage and springs study	PPG	Beneficial	2028, 2029	Seepage and springs study report	Yes/Completed	In-Progress		In-Progress		In-Progress		Completed	district-wide seeps and springs	Completed	Lexington GW study; future work	
302B	Beneficial infiltration study and demonstration projects	FM	Beneficial	2025, 2026	Beneficial infiltration study report	Yes/Completed	Future		Future		Future		Future		Future		
302C	Infiltration and groundwater quality study	FM	Important	2023, 2024	Infiltration-groundwater quality study report	Future/On Track	Future		Future		Other		Other		Other		
302D	Groundwater monitoring well network in the District	FM	Beneficial	2030	Groundwater monitoring well network map	Future/On Track	Future		Future		Future		Future		Future		
302E	Karst area study	FM	Beneficial	All Years	Karst study report	Canceled, Postponed to next WMP, or No Longer Offered	Other	No studies occurring.	Other	No studies occurring.	Future		Future		Future		
302F	Ramsey County groundwater study	FM	Important	2030	Updated County groundwater plan	Canceled, Postponed to next WMP, or No Longer Offered	Future		Future		Future		Future		Future		
402	Groundwater Capital Improvements																
402A	Future groundwater projects	PPG	Important	All Years	1 groundwater projects	Future/On Track	Other		Other		Future		Future		Future		
305/405	Como Lake Subwatershed																
305	Como Lake Subwatershed Projects																
305A	Como Lake water quality model	MRM	Critical	2021	Como Lake water quality model	Yes/Completed	In-Progress	Sediment cores completed (Oct 2021)	In-Progress	Sediment cores completed (Oct 2022) & CLP herbicide treatment (March 2021)	Completed	Annual loading model	Completed		Completed		
305B	AIS management (including herbicide treatment of curlyleaf pondweed)	MRM	Critical	All Years	< 10% FOC of curlyleaf pondweed	Yes/Completed	In-Progress	CLP herbicide treatment (March 2021)	In-Progress	CLP evaluation; turion monitoring	Completed		Completed	herbicide treatments	Completed	herbicide treatments	
305C	Lake vegetation management plan and implementation	MRM	Critical	2021 - 2027	Plan is done, implementation: species richness >8; 3 species having FOC >20%	Yes/Completed	In-Progress	2021 aquatic plant transplants; aquatic angler surveys; nearshore & habitat development of the Como Lakeshore	In-Progress	2022 aquatic plant transplants; aquatic angler surveys; Como Lakeshore Management Plan	In-Progress		Completed	11 native species, unsure what FOC	Completed	11 native species, unsure what FOC	
305D	Balanced fishery target development	MRM	Important	2021 - 2027	Fishery targets from Como Lake Management Plan	Yes/Completed	In-Progress	Angler surveys; nearshore & habitat development of the Como Lakeshore	In-Progress	2022 Carp Removal project; angler surveys	Completed	carp surveys	Completed	carp surveys	Completed	shore fishing access paths/areas	
305E	Shoreline management plan and implementation	MRM	Important	All Years	Shoreline management plan and all of lakeshore maintained in a restored state	Yes/Completed	In-Progress	Development of the Como Lakeshore	In-Progress	Como Lakeshore Management Plan	Completed		Completed		Completed		
305F	Street sweeping enhancement	FM	Important	2021, 2022	Street sweeping plan and sediment and phosphorus reduction	Yes/Completed	Other		Other		In-Progress		Completed		Completed	plan completed, implementation in	
305G	Innovative treatment facility feasibility study (i.e. snent lime)	MRM	Beneficial	2029, 2030	Study report	Future/On Track	Future		Future		Future		Future		Future		
305H	Water-based recreational activities support	MRM	Beneficial	All Years	Support of partner water-based recreational activities	Yes/Completed	Other		In-Progress	Installation of non-motorized boat launch	Yes		Yes		Yes	Como signage	
305I	Como Park area drainage infrastructure analysis and planning	FM	Important	2021, 2022	Como Park area drainage infrastructure study	In-Progress	In-Progress	Will be included in Facilities Mgmt. Plan	In-Progress	Will be included in Facilities Mgmt. Plan	Other		Other		In-Progress	Gottfried's Pit	
305P	Future stormwater management planning	MRM	Important	All Years	1 future stormwater management studies	In-Progress	In-Progress	Pavilion Parking lot BMPs -- planning	In-Progress	Pavilion Park lot BMPs -- installation	Completed	Pavillion parking lot plans	Completed		Completed		
405	Como Lake Subwatershed Capital Improvements																
405J	Como Golf Course BMPs	REG	Critical	2021, 2022	Infiltration and Iron-enhanced pond: 55 lbs/year TP reduction	Yes/Completed	In-Progress	Under construction	Completed	Substantially complete. 72.4 lbs/years TP	Completed		Completed		Completed		
405K	Como Pavilion BMPs	MRM	Critical	2024, 2025	1 water quality CIPs	Yes/Completed	In-Progress	Planning and design	Completed	Installation complete (spring 2022) -- 7	Completed		Completed		Completed		
405L	McMurray Field	PPG	Critical	2028, 2029, 2030	1 water quality CIPs	In-Progress	Future		In-Progress	Received planning grant, Feasibility Study	In-Progress		In-Progress		In-Progress		
405M	Como Lake Alum Treatment	MRM	Critical	2021	24,000 gallons of Alum applied to Como Lake	Yes/Completed	Completed	Completed in 2020 (24,000 gallons alum)	Completed	Completed in 2020 (24,000 gallons alum)	Completed		Completed		Completed		
405N	East Como Blvd. BMPs	MRM	Critical	2029, 2030	1 water quality CIPs	Future/On Track	Future		Future		Future		Future		Future		
405O	Gottfried's Pit Improvements	PPG	Important	2021, 2022	1 water quality CIPs	In-Progress	Other		Other		Other		Other		In-Progress	TBI study, FM involvement. Feas show as in-progress to indicate that	
405P	Future capital improvement projects (CIPs)	PPG	Important	2021, 2022, 2025, 2030	1 future water quality CIPs	In-Progress	Other		Other		Completed	pavillion parking lot construction	Completed		Completed		
310/410	Lake McCarrons Subwatershed Projects																
310	Lake McCarrons Subwatershed Projects																
310A	Alum treatment evaluation	MRM	Important	2026	Alum treatment evaluation report	Future/On Track	Future		Future		Future		Future		Future		
310B	Villa Park wetland system evaluation	MRM	Important	2024	VPWS evaluation report with existing phosphorus reductions	In-Progress	Future		In-Progress						In-Progress		
310C	Watershed Hydraulic/Hydrologic Modeling	PPG	Important	2021, 2022	Updated model	Yes/Completed	Partial	Completed as part of TBI H&H	Partial	Completed as part of TBI H&H	Yes		Yes		Yes		
310D	Lake vegetation management plan and AIS response plan	MRM	Important	All Years	Lake vegetation management plan	Future/On Track	Other		Other		Future		Future		Future	monitored every year, no met needs	
310D	Lake vegetation management plan and AIS response plan	MRM	Important		Type and abundance of aquatic plants	Future/On Track	Completed		Completed		Future		Future	zebra mussels ID'd	Future		
310E	Balanced fishery targets	MRM	Important	2022	Fishery targets	In-Progress	Future		Other		Future		Future		In-Progress	carp survey completed in 2025	
310F	Shoreline management plan and implementation	MRM	Important	2023 - 2030	Shoreline management plan	Yes/Completed	Completed	Shoreline survey and prioritization	Completed		Completed		Completed		Completed		
310G	Future stormwater management planning	PPG	Important	2025, 2026	1 future BMP studies	General Future Planning & CIPs	Future		Future		Future		Future		Future		

PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Division	PRIORITY LEVEL (Critical, Important, Beneficial)	IMPLEMENTATION YEARS	MEASURABLE OUTPUTS	2021-2025 Assessment	2021 Progress	2021 Comments	2022 Progress	2022 Comments	2023 Progress	2023 Comments	2024 Progress	2024 Comments	2025 Progress	2025 Comments	2021-2025 Measurable Output Total
410	Lake McCarrons Subwatershed Capital Improvements																
410A	Alum treatment	MRM	Critical	2027	1 alum treatment	Future/On Track	Future		Future		Future		Future		Future		
410B	Villa Park performance improvements	MRM	Important	2025	1 Villa Park CIP project	Behind	Future		Future		Future		Future		Other		
410G	Future CIPs	PPG	Important	2028	1 future CIP	General Future Planning & CIPs	Future		Future		Future		Future		Future		
313/413	Loeb Lake Subwatershed																
313	Loeb Lake Subwatershed Projects																
313A	Update Loeb Lake Management Plan	MRM	Important	2021, 2022	Updated Loeb Lake Management Plan	In-Progress	Other		Other		Other		Other	prickly water lily removal	In-Progress	Mgt plan update started in 2025.	
313B	AIS management	MRM	Important	2022, 2023	AIS managment plan included in Loeb Lake management plan	In-Progress	Future		Other		Other		Completed		In-Progress		
313C	Shoreline management plan and implementation	MRM	Important	2023, 2024	Shoreline management plan	In-Progress	Future		Future		Future		Other		In-Progress		
313D	Loeb Lake sedimentation pond investigation	MRM	Important	2021, 2022	Study completed	Behind	Other		Other		Other		Other		Other	will be re-evaluated with Loeb Lake Mgt	
313E	Future stormwater planning	PPG	Important	All Years	1 feasibility study	General Future Planning & CIPs	Other		Other		Future		Future		Future		
413	Loeb Lake Subwatershed Capital Improvements																
413E	Future CIPs	PPG	Important	All Years	1 CIP	General Future Planning & CIPs	Other		Other		Future		Future		Future		
315/415	Trout Brook Subwatershed																
315	Trout Brook Subwatershed Projects																
315A	TBI 5-year inspection and CIP development	FM	Critical	2024, 2029	Inspection and CIP reports every five years	Yes/Completed	Future		Future		Future		Future		Completed		
315B	NPDES stormwater program	FM	Important	All Years	Annual MS4 report and updated SWPPP	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
315C	TBI hydrologic and hydraulic model update and expansion	PPG	Important	2021	Expanded, updated TBI H/H model	Yes/Completed	In-Progress		In-Progress		In-Progress		Completed		Completed		
315D	TBI flood mitigation and water quality improvement studies	PPG	Critical	2021, 2024, 2027, 2030	3 flood mitigation and water quality improvement studies	Yes/Completed	Other		Future		In-Progress		Completed		Completed		
315E	TBI easement verification, acquisition, and documentation	FM	Important	2021 - 2025	8 acres of additional TBI easement	Behind	In-Progress		In-Progress		Other		Other		Other		
315I	Future stormwater management planning	PPG	Important	All Years	2 BMP feasibility studies	General Future Planning & CIPs	Other		Other		Future		Future		Future		
415	Trout Brook Subwatershed Capital Improvements																
415F	TBI Repairs Station 28+65 - 50+72	FM	Critical	2021	2200 feet of TBI repaired	Yes/Completed	In-Progress		Completed		Completed		Completed		Completed		
415G	TBI Repairs Station 135+06 - 180+29	FM	Critical	2025, 2026, 2027	4500 feet of TBI repaired	Yes/Completed	Future		In-Progress		In-Progress		Completed		Completed		
415H	Major sediment removal	FM	Important	2023, 2030	1700 cubic feet of sediment removed	Yes/Completed	Future		Future		Completed		Future		Future		
415D	Future flood mitigation and/or water quality improvement projects	PPG	Critical	2022, 2023, 2025, 2026, 2028, 2029	3 flood mitigation/water quality improvement projects	General Future Planning & CIPs	Future		Other		Other		Other		Other	CIP report recommends 2028	
415I	Future CIPs	PPG	Critical	All Years	2 CIPs	General Future Planning & CIPs	Other		Other		Future		Future		Future		
317/417	Crosby Lake Subwatershed																
317	Crosby Lake Subwatershed Projects																
317A	Crosby Farm bluff stabilization plan	MRM	Important	2027, 2028	Bluff erosion study update	Future/On Track	Future		Future		Future		Future		Future		
317B	Hidden Falls/Crosby Farm trail reconstruction planning	MRM	Beneficial	2025, 2026	Trail reconstruction plan	Future/On Track	Future		Future		Future		Future		Future		
317C	Update Crosby Lake Management Plan	MRM	Important	2023, 2024	Updated Crosby Lake Management Plan	Behind	Future		Future		Other		Other		Other	Planned for 2026	
317D	35E Regional stormwater BMP feasibility study	REG	Important	2025, 2026	Stormwater feasibility study	In-Progress	Future		Future		Future		Future		In-Progress		
317E	Shoreline management plan and implementation	MRM	Important	2025 - 2030	Shoreline management plan and # feet of restored shoreline	Future/On Track	Future		Future		Future		Future		Future		
317F	Terrestrial and aquatic invasive species management	MRM	Important	All Years	Type and abundance of invasive species	Yes/Completed	Partial	Aquatic only	Partial	Aquatic only	Yes	yes	Yes		Yes	CRWD doesn't manage terrestrial wetland management plan	
317G	Floodplain and wetland restoration opportunities around Crosby Lake	REG	Beneficial	2026, 2027	Floodplain and wetland restoration plan	In-Progress	Future		Future		Future		Future		In-Progress		
317H	Future stormwater management planning	PPG	Important	All Years	1 feasibility study	General Future Planning & CIPs	Other		Other		Future		Future		Future		
417	Crosby Lake Subwatershed Projects Capital Improvements																
417A	Crosby Farm Park bluff stabilization projects	MRM	Beneficial	2029, 2030	1 bluff stabilization project	Future/On Track	Future		Future		Future		Future		Other		
417G	Floodplain and wetland restoration projects	REG	Beneficial	2029, 2030	1 floodplain and wetland restoration project	Future/On Track	Future		Future		Future		Future		Future		
417H	Future CIPs	PPG	Important	All Years	1 future water quality CIPs	General Future Planning & CIPs	Other		Other		Future		Future		Future		

PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Division	PRIORITY LEVEL (Critical, Important, Beneficial)	IMPLEMENTATION YEARS	MEASURABLE OUTPUTS	2021-2025 Assessment	2021 Progress	2021 Comments	2022 Progress	2022 Comments	2023 Progress	2023 Comments	2024 Progress	2024 Comments	2025 Progress	2025 Comments	2021-2025 Measurable Output Total
325/425	Wetland, Stream, and Ecosystem Restoration																
325	Wetland, Stream, and Ecosystem Restoration Projects																
325A	Phalen Creek Daylighting	REG	Critical	2021	Concept design report for daylighted Phalen Creek	Yes/Completed	Completed		Completed	completed in 2021	Completed		Completed		Completed		
325B	Hidden Falls Creek Restoration Planning	MRM	Critical	2026, 2027	Planning and design report for restored Hidden Falls Creek	Future/On Track	Future		Future		Future		Future		Future	Planned for 2027	
325C	Swede Hollow Water Resource and Natural Resources Plan	PPG	Important	2025, 2026	Swdede Hollow water and natural resources plan	Yes/Completed	Future		In-Progress		Completed		Completed		Completed		
325D	Cascade Creek/Fountain Creek daylighting feasibility study	Reassignment Needed	Beneficial	2021, 2022	Cascade Creek/Fountain Creek daylighting feasibility study report	Canceled, Postponed to next WMP, or No Longer Offered	Other		Other		Other		Other		Other		
325E	Willow Reserve signage and access	PPG	Important	2021, 2022, 2023	Willow Reserve interpretive signage and access	Yes/Completed	In-Progress		In-Progress		Completed		Completed		Completed		
325F	District 6 Natural Resource Management Plan	PPG	Important	2023, 2024, 2025	1 NRI recommendation investigated and feasibility report created	Yes/Completed	Future		Future		In-Progress		In-Progress		Completed	Kmart	
325G	Wetland Restoration Planning	REG	Important	2021, 2022, 2023	Saint Paul wetland restoration plan	Yes/Completed	In-Progress	Planning ended with WSP leaving City	In-Progress	Began working with AH, RFP edits and partner	In-Progress		In-Progress		Completed		
325H	Natural resource inventories and/or management plans	PPG	Important	All Years	2 natural resource inventories and plans	Yes/Completed	Other		Other		In-Progress		Completed		Completed	Payne Phalen and NENO (2024)	
425	Wetland, Stream, and Ecosystem Restoration Capital Improvements																
425A	Phalen Creek daylighting	REG	Critical	2022, 2023, 2024	1 Phalen Creek daylighting project	Future/On Track	In-Progress	supporting LPCP efforts upstream	In-Progress	supporting LPCP efforts	Future		Future		Future		
425B	Hidden Falls Creek restoration	MRM	Critical	2027, 2028	1 Hidden Falls Creek restoration project	Future/On Track	Future		Future		Future		Future		Future		
425C	Swede Hollow restoration	PPG	Important	2029, 2030	1 Swede Hollow restoration project	Future/On Track	Future		Future		Future		Future		Future		
425D	Cascade Creek/Fountain Creek restoration	Reassignment Needed	Beneficial	2030	1 Cascade Creek/Fountain Creek restoration project	Canceled, Postponed to next WMP, or No Longer Offered	Future		Future		Future		Future		Future		
425H	Future wetland/stream/natural resource restoration projects	REG	Important	All Years	2 Acres of restored wetland and other natural resource areas	In-Progress	Other		Other		Future		Future		In-Progress		
331/431	Mississippi River Gorge Subwatersheds																
331	Mississippi River Gorge Subwatersheds Projects																
331A	Towerside Innovation District stormwater management planning	Reassignment Needed	Important	2021, 2023, 2025, 2027	Towerside stormwater planning study	Canceled, Postponed to next WMP, or No Longer Offered	Other		Future		Other		Other		Other		
331B	Creative Enterprise Zone stormwater management planning	Reassignment Needed	Important	2022, 2024, 2026, 2028	CEZ stormwater planning study	Canceled, Postponed to next WMP, or No Longer Offered	Future		Other		Other		Other		Other		
331C	UM/MN State Fair Cooperative Projects	REG	Important	2021, 2024, 2027, 2030	1 stormwater planning study	Future/On Track	In-Progress	initial conversations	Future		Future		Future		Future		
331E	Future stormwater management planning	PPG	Important	All Years	1 stormwater management planning study	In-Progress	Other		Other		Future		Future		In-Progress	Les Bolstad Golf Course	
431	Mississippi River Gorge Subwatersheds Capital Improvement Projects																
431A	Towerside CIP	Reassignment Needed	Beneficial	2030	1 water quality CIP in Towerside Innovation District	Canceled, Postponed to next WMP, or No Longer Offered	Future		Future		Future		Future		Future		
431B	Creative Enterprise Zone CIP	Reassignment Needed	Beneficial	2030	1 water quality CIPs in Creative Enterprise Zone	Canceled, Postponed to next WMP, or No Longer Offered	Future		Future		Future		Future		Future		
431C	UM/MN State Fair Cooperative Projects	REG	Beneficial	2021, 2030	1 water quality CIP with UMN/MN State Fair	Future/On Track	Other	unlikely project partner	Future		Future		Future		Future		
431D	Seminary Pond and ravine stormwater improvements	PPG	Critical	2021, 2022	2 tons of sediment removed annually	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
431D	Seminary Pond and ravine stormwater improvements	PPG	Critical		17 pounds of phosphorus removed annually	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
431E	Future CIPs	PPG	Important	All Years	1 future water quality CIP	General Future Planning & CIPs	Other		Other		Future		Future		Future		
332/432	Mississippi River Confluence Subwatersheds																
332	Mississippi River Confluence Subwatersheds Projects																
332A	East Kittsondale Subwatershed Project Prioritization	PPG	Beneficial	2024	1 East Kittsondale study and water quality CIP	Canceled, Postponed to next WMP, or No Longer Offered	Future		Future		Future		Other		Other		
332B	Ford redevelopment site comprehensive stormwater planning	ADMIN	Critical	2021, 2022	Advance stormwater designs at Ford redevelopment site	Yes/Completed	Completed		Completed		Completed		Completed		Completed		
332C	Area C Ford site planning	ADMIN	Important	2021, 2022, 2023, 2024	Environmental investigation studies	In-Progress	In-Progress		In-Progress		In-Progress		In-Progress		In-Progress		
332D	Snelling-Midway Phase II Redevelopment Planning	REG	Critical	2022, 2025, 2028	Properties connected to District rainwater reuse system	In-Progress	Future		Future		Future		Future		Partial	construction started for multiple midway Riverwalk, former RC parcel	
332F	Future stormwater management planning	PPG	Important	All Years	1 stormwater planning study	General Future Planning & CIPs	Other		Other		Future		Future		Future		
432	Mississippi River Confluence Subwatersheds Capital Improvement Projects																
432A	East Kittsondale stormwater BMPs	PPG	Beneficial	2028, 2029, 2030	1 East Kittsondale water quality CIP	Future/On Track	Future		Future		Future		Future		Future		
432B	Ford redevelopment district stormwater system and central water feature	ADMIN	Critical	2021	Stormwater runoff retained and sediment and phosphorus reductions	Yes/Completed	In-Progress		In-Progress	monitoring begin in 2023	Completed		Completed		Completed		
432B	Ford redevelopment district stormwater system and central water feature	ADMIN	Critical		Central stormwater featured constructed	Yes/Completed	In-Progress		Completed	monitoring begin in 2023	Completed		Completed		Completed		
432E	Victoria Park stormwater improvements	MRM	Critical	2021, 2022, 2023	Stormwater runoff retained and sediment and phosphorus reductions	Canceled, Postponed to next WMP, or No Longer Offered	Other		Other		Other		Other		Other	BMPs constructed, CRWD was not	
432E	Victoria Park stormwater improvements	MRM	Critical	2021, 2022, 2023	Stormwater featured constructed	Canceled, Postponed to next WMP, or No Longer Offered	Other		Other		Other		Other		Other		
432F	Future CIPs	PPG	Important	All Years	1 future water quality CIP	General Future Planning & CIPs	Other		Other		Future		Future		Future		

PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Division	PRIORITY LEVEL (Critical, Important, Beneficial)	IMPLEMENTATION YEARS	MEASURABLE OUTPUTS	2021-2025 Assessment	2021 Progress	2021 Comments	2022 Progress	2022 Comments	2023 Progress	2023 Comments	2024 Progress	2024 Comments	2025 Progress	2025 Comments	2021-2025 Measurable Output Total
333/433	Mississippi River Downtown Subwatersheds																
333	Mississippi River Downtown Subwatersheds Projects																
333A	Sears Redevelopment Site stormwater planning	PPG	Important	2022, 2023	Sears redevelopment site stormwater planning study	In-Progress	Future		In-Progress	Broadened the study area to include the	In-Progress		In-Progress		In-Progress	Sears & Capitol area?	
333B	Swede Hollow BMP feasibility study	PPG	Important	2022, 2026, 2030	Swede Hollow BMP feasibility study	Yes/Completed	Future		Other		Completed		Completed		Completed		
333C	Phalen Creek subwatershed water quality and quantity study	PPG	Critical	2023, 2024, 2027, 2028	1 Phalen Creek subwatershed water quality and quantity study	In-Progress	Future		Future		In-Progress		In-Progress		In-Progress		
333D	Saint Anthony Hill subwatershed water quality and quantity study	PPG	Critical	2023, 2024, 2027, 2028	1 Saint Anthony Hill subwatershed water quality and quantity study	Future/On Track	Future		Future		Future		Future		Future		
333F	Future stormwater management planning	PPG	Important	All Years	1 future stormwater planning study	General Future Planning & CIPs	Other		Other		Future		Future		Future		
433	Mississippi River Downtown Subwatersheds Capital Improvement Projects																
433A	Sears Redevelopment Site	PPG	Important	2027, 2028	1 Sears site water quality CIP	Future/On Track	Future		Future		Future		Future		Future		
433B	Swede Hollow CIP	PPG	Important	2028, 2029, 2030	1 Swede Hollow water quality CIP	Future/On Track	Future		Future		Future		Future		Future		
433E	Science Museum of Minnesota	PPG	Critical	2021, 2022	1 Science Museum of Minnesota water quality CIP	Canceled, Postponed to next WMP or No Longer Offered	Other		Other		Other		Other		Other		
433F	Future CIPs	PPG	Important	All Years	3 future water quality CIPs	In-Progress	Other		Other		In-Progress		In-Progress		Completed	expenses for Midway Peace Park	
375/475	Watershed Wide Planning, Assessment and Implementation																
375	Watershed Wide Planning and Assessment Projects																
375A	Transportation Redevelopment Projects - Stormwater Feasibility Studies/Preliminary	REG	Important	All Years	1 Transportation-oriented stormwater feasibility study	In-Progress	In-Progress	EH participating in I-94 TAC West 7th	In-Progress	EH participating in I-94 TAC Reconnect Rondo	Completed	I-94, Rondo, Purple Line	Completed	I-94, Rondo, Purple Line Rice	Completed	I-94, Rondo, Purple Line Rice St	
375B	Great River Passage Project - Feasibility Studies/Preliminary Engineering	PPG	Important	All Years	1 Great River Passage stormwater feasibility study	Yes/Completed	In-Progress		Completed		Completed		Completed		Completed		
375C	Watershed management plan update	PPG	Critical	2028, 2029, 2030	Updated WMP	Future/On Track	Future		Future		Future		Future		Future		
375D	Partner agency plan review and comment	ADMIN	Important	All Years	5 comment letters on draft updates to District cities' local surface water management plans	Yes/Completed	Completed		Completed		Completed		Completed		Completed	not a great measurable output	
375E	GIS Program	FM	Important	All Years	Updated GIS information and data	Yes/Completed	Yes		Yes		Yes		Yes		Yes		
375F	Saint Paul watershed governance exploration	ADMIN	Important	2021, 2022, 2023	Technical memorandum evaluating water governance in Saint Paul	Canceled, Postponed to next WMP or No Longer Offered	Other		Other	Major changes in City leadership may likely	Other		Other		Other		
375G	Public private partnership opportunities	ADMIN	Important	All Years	2 meetings per year	Yes/Completed	Other		Other		Yes		Yes		Yes	Midway chamber of commerce, SPPA	
375H	District Flooding Prioritization and Solution Identification	PPG	Important	All Years	List of priority flood mitigation sites and potential solutions	In-Progress	Other		Other		In-Progress	Rice Street feasibility	In-Progress	TBI flood study	In-Progress	TBI flood study and others	
375I	Trash management planning and implementation for areas surrounding District infrastructure and Municipal source control/good housekeeping	FM	Important	2023 - 2030	Trash management plan	In-Progress	Future		Future		Future		Future		In-Progress		
375J	planning and implementation assistance	FM	Important	2026, 2027	Municipal source control and good housekeeping plan	Future/On Track	Future		Future		Future		Future		Future		
375K	District Chloride Source Assessment and Prevention Plan	MRM	Important	2021, 2022	Chloride reduction plan	In-Progress	Other		Other		In-Progress		In-Progress		In-Progress		
375L	District boundary corrections	PPG	Important	2025	Corrected District boundaries	Yes/Completed	Future		Future		Future		Future		Completed		
375M	Mixed use neighborhood node drainage and water quality study	PPG	Beneficial	2029, 2030	Mixed use neighborhood study	Future/On Track	Future		Future		Future		Future		Future		
375N	Tools for quantification of non-SW benefits of green infrastructure	PPG	Important	2021, 2022	Technical memorandum of green infrastructure cost-benefit tools	Behind	Other		Other		Other		Other		Other		
375O	Climate science and community resiliency	PPG	Critical	All Years	Local climate change and adaption study report	Yes/Completed	Other		Other		In-Progress		In-Progress		Completed		
475	Watershed Wide Capital Improvement Projects																
475A	Transit Redevelopment Stormwater CIPs	REG	Important	All Years	1 transporation-related water quality CIP	Future/On Track	In-Progress	EH participating in Purple Line study	In-Progress	EH participating in Purple Line study	Future		Future		Future		
475B	Great River Passage CIPs	PPG	Important	All Years	1 Great River Passage water quality CIPs	Future/On Track	Other		Other		Future		Future		Future		
475P	Stormwater Impact Fund Implementation	REG	Important	All Years	1 stormwater impact fund CIP	Future/On Track	Other		Other		Future		Future		Future	Crosby farm/ 35E wetland project	
475Q	Debt and Loan Service	ADMIN	Critical	All Years	Semi-annual debt service payments	Yes/Completed	Completed		Completed		Completed		Completed		Completed		

Appendix B: Implementation Activity Detailed Table

Implementation Item Tracking

Updated 5/29/2026

PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Responsible Division	Implementation Years	PRIORITY LEVEL (Critical, Important, Beneficial)	2021-2025 Implementation Item Summary
ADMINISTRATION					
101	Administration				
101A	General administration	ADMIN	All Years	Critical	Yes/Completed
101B	Citizen Advisory Committee	ADMIN	All Years	Critical	Yes/Completed
101C	External funding opportunities	ADMIN	All Years	Critical	In-Progress
101D	Program effectiveness assessment	ADMIN	2022, 2024, 2026, 2028	Critical	In-Progress
101E	Office operations	ADMIN	All Years	Critical	Yes/Completed
101F	MAWD support	ADMIN	All Years	Important	Yes/Completed
101G	Safety Program	MRM	All Years	Critical	Yes/Completed
101H	Diversity and inclusion program	ADMIN	All Years	Critical	Yes/Completed
PROGRAMS					
208	Regulatory Program				
208A	General permitting implementation	REG	All Years	Critical	Yes/Completed
208B	Coordinated erosion and sediment control inspections	REG	All Years	Important	Yes/Completed
208C	Permittee post construction BMP inspections	REG	All Years	Important	Yes/Completed
208D	Engagement activities with permittees, developers, engineers, and applicants	REG	All Years	Important	Future/On Track
208E	Rules evaluation and update	REG	All Years	Critical	In-Progress
208F	Deicing practices rule	REG	2027, 2028, 2029	Important	Future/On Track
208G	Stormwater rule requirements on sites less than one acre	REG	2023, 2024	Critical	In-Progress
208H	Illicit Discharge Detection and Elimination (IDDE) plan implementation	REG	All Years	Important	Yes/Completed
208I	Green infrastructure incentives in District rules	REG	2025, 2026	Important	In-Progress
208J	Industrial stormwater permittee coordination	REG	All Years	Important	Future/On Track
208K	Water reuse policy support	FM	All Years	Critical	Yes/Completed
210	Grants Program				
210A	Stewardship grants	PPG	All Years	Critical	Yes/Completed
210B	Stewardship grant outreach	PPG	All Years	Critical	Yes/Completed
210C	Stewardship grant project inspection and maintenance assistance	PPG	All Years	Important	Yes/Completed
210D	Targeted site identification	PPG	2022, 2025, 2029	Important	Yes/Completed
210E	ROW projects - boulevard raingardens	PPG	All Years	Important	Yes/Completed
210F	Well-sealing Grants	PPG	All Years	Important	Yes/Completed
210G	Large-scale site planning grants	PPG	All Years	Beneficial	Yes/Completed
210H	Chloride reduction grants	PPG	2023 - 2030	Important	Future/On Track
210I	District "watercorps" position	CE	2022, 2023	Important	Yes/Completed
211	Monitoring, Assessment and Research Program				
211A	Stormwater monitoring and data collection	MRM	All Years	Critical	Yes/Completed
211B	Lake monitoring and data collection	MRM	All Years	Critical	Yes/Completed
211C	BMP performance monitoring	MRM	All Years	Critical	Yes/Completed
211D	Monitoring database and reporting tool	MRM	All Years	Important	Yes/Completed
211E	Wetland biological integrity monitoring	MRM	All Years	Important	Yes/Completed
211F	Monitoring data trend analysis and reporting for public	MRM	2021, 2022	Important	In-Progress
211G	Citizen Science Monitoring Program	MRM	2023 - 2030	Important	Future/On Track
211H	Research program	MRM	All Years	Important	Yes/Completed
211I	Emerging contaminants and water quality issues	MRM	All Years	Important	Yes/Completed
211J	Non-structural BMPs effectiveness	MRM	2025, 2026, 2027	Beneficial	Future/On Track
220	Communications and Engagement Program				
220A	General communications and engagement	CE	All Years	Critical	Yes/Completed
220B	Project Communication	CE	All Years	Critical	Yes/Completed
220C	Clean Streets	CE	All Years	Important	Yes/Completed
220D	Maintenance workshops for water quality	CE	All Years	Critical	Yes/Completed
220E	Digital communications	CE	All Years	Critical	Yes/Completed
220F	Volunteer programs	CE	All Years	Important	Yes/Completed
220G	Sponsorships	CE	All Years	Important	Yes/Completed
220H	Partnerships	CE	All Years	Critical	Yes/Completed
220I	Events	CE	All Years	Important	Yes/Completed
220J	Awards program	CE	All Years	Beneficial	Yes/Completed
220K	Youth programs	CE	All Years	Important	Yes/Completed
220L	Partner grant program	CE	All Years	Important	Yes/Completed
220M	Public art program	CE	All Years	Important	Yes/Completed
220N	595 Aldine communications and engagement	CE	All Years	Important	Yes/Completed
222	Facility (Infrastructure) Management Program				
222A	District-owned facility management	FM	All Years	Critical	Yes/Completed
222B	Shared ownership (District/partner) facility management	FM	All Years	Critical	Yes/Completed
222C	Partner owned facility management and ownership evaluation	FM	All Years	Critical	Yes/Completed
222D	Cooperative BMP maintenance service program	FM	2023 - 2030	Important	Yes/Completed
222E	BMP database	PPG	All Years	Critical	Yes/Completed
PROJECTS - Planning, Design and CIPs					
302	Groundwater Projects				
302A	Groundwater seepage and springs study	PPG	2028, 2029	Beneficial	Yes/Completed
302B	Beneficial infiltration study and demonstration projects	FM	2025, 2026	Beneficial	Yes/Completed
302C	Infiltration and groundwater quality study	FM	2023, 2024	Important	Future/On Track
302D	Groundwater monitoring well network in the District	FM	2030	Beneficial	Future/On Track
302E	Karst area study	FM	All Years	Beneficial	Canceled, Postponed to next WMP, or No Longer Offered
302F	Ramsey County groundwater study	FM	2030	Important	Canceled, Postponed to next WMP, or No Longer Offered

PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Responsible Division	Implementation Years	PRIORITY LEVEL (Critical, Important, Beneficial)	2021-2025 Implementation Item Summary
402	Groundwater Capital Improvements				
417A	Crosby Farm Park bluff stabilization projects	MRM	2029, 2030	Beneficial	Future/On Track
305/405	Como Lake Subwatershed				
305	Como Lake Subwatershed Projects				
305A	Como Lake water quality model	MRM	2021	Critical	Yes/Completed
305B	AIS management (including herbicide treatment of curlyleaf pondweed)	MRM	All Years	Critical	Yes/Completed
305C	Lake vegetation management plan and implementation	MRM	2021 - 2027	Critical	Yes/Completed
305D	Balanced fishery target development	MRM	2021 - 2027	Important	Yes/Completed
305E	Shoreline management plan and implementation	MRM	All Years	Important	Yes/Completed
305F	Street sweeping enhancement	FM	2021, 2022	Important	Yes/Completed
305G	Innovative treatment facility feasibility study (i.e. spent lime)	MRM	2029, 2030	Beneficial	Future/On Track
305H	Water-based recreational activities support	MRM	All Years	Beneficial	Yes/Completed
305I	Como Park area drainage infrastructure analysis and planning	FM	2021, 2022	Important	In-Progress
305P	Future stormwater management planning	MRM	All Years	Important	In-Progress
405	Como Lake Subwatershed Capital Improvements				
405J	Como Golf Course BMPs	REG	2021, 2022	Critical	Yes/Completed
405K	Como Pavilion BMPs	MRM	2024, 2025	Critical	Yes/Completed
417G	Floodplain and wetland restoration projects	REG	2029, 2030	Beneficial	Future/On Track
405M	Como Lake Alum Treatment	MRM	2021	Critical	Yes/Completed
431C	UM/MN State Fair Cooperative Projects	REG	2021, 2024, 2027, 2030	Beneficial	Future/On Track
432A	East Kittsondale stormwater BMPs	PPG	2028, 2029, 2030	Beneficial	Future/On Track
405L	McMurray Field	PPG	2028, 2029, 2030	Critical	In-Progress
310/410	Lake McCarrons Subwatershed Projects				
310	Lake McCarrons Subwatershed Projects				
310A	Alum treatment evaluation	MRM	2026	Important	Future/On Track
310B	Villa Park wetland system evaluation	MRM	2024	Important	In-Progress
310C	Watershed Hydraulic/Hydrologic Modeling	PPG	2021, 2022	Important	Yes/Completed
310D	Lake vegetation management plan and AIS response plan	MRM	All Years	Important	Future/On Track
310E	Balanced fishery targets	MRM	2022	Important	In-Progress
310F	Shoreline management plan and implementation	MRM	All Years	Important	Yes/Completed
310G	Future stormwater management planning	PPG	2025, 2026	Important	General Future Planning & CIPs
410	Lake McCarrons Subwatershed Capital Improvements				
405N	East Como Blvd. BMPs	MRM	2029, 2030	Critical	Future/On Track
410A	Alum treatment	MRM	2027	Critical	Future/On Track
415D	Future flood mitigation and/or water quality improvement projects	PPG	2022, 2023, 2025, 2026, 2028, 2029	Critical	General Future Planning & CIPs
313/413	Loeb Lake Subwatershed				
313	Loeb Lake Subwatershed Projects				
313A	Update Loeb Lake Management Plan	MRM	2021, 2022	Important	In-Progress
313B	AIS management	MRM	2022, 2023	Important	In-Progress
313C	Shoreline management plan and implementation	MRM	All Years	Important	In-Progress
313D	Loeb Lake sedimentation pond investigation	MRM	2021, 2022	Important	Behind
313E	Future stormwater planning	PPG	All Years	Important	General Future Planning & CIPs
413	Loeb Lake Subwatershed Capital Improvements				
415I	Future CIPs	PPG	All Years	Critical	General Future Planning & CIPs
315/415	Trout Brook Subwatershed				
315	Trout Brook Subwatershed Projects				
315A	TBI 5-year inspection and CIP development	FM	2024, 2029	Critical	Yes/Completed
315B	NPDES stormwater program	FM	All Years	Important	Yes/Completed
315C	TBI hydrologic and hydraulic model update and expansion	PPG	2021	Important	Yes/Completed
315D	TBI flood mitigation and water quality improvement studies	PPG	2021, 2024, 2027, 2030	Critical	Yes/Completed
315E	TBI easement verification, acquisition, and documentation	FM	2021 - 2025	Important	Behind
315I	Future stormwater management planning	MRM	All Years	Important	General Future Planning & CIPs
415	Trout Brook Subwatershed Capital Improvements				
425A	Phalen Creek daylighting	REG	2021	Critical	Future/On Track
415F	TBI Repairs Station 28+65 - 50+72	FM	2021	Critical	Yes/Completed
415G	TBI Repairs Station 135+06 - 180+29	FM	2025, 2026, 2027	Critical	Yes/Completed
415H	Major sediment removal	FM	2023, 2030	Important	Yes/Completed
425B	Hidden Falls Creek restoration	MRM	2027, 2028	Critical	Future/On Track
317/417	Crosby Lake Subwatershed				
317	Crosby Lake Subwatershed Projects				
317A	Crosby Farm bluff stabilization plan	MRM	2027, 2028	Important	Future/On Track
317B	Hidden Falls/Crosby Farm trail reconstruction planning	MRM	2025, 2026	Beneficial	Future/On Track
317C	Update Crosby Lake Management Plan	MRM	2023, 2024	Important	Behind
317D	35E Regional stormwater BMP feasibility study	REG	2025, 2026	Important	In-Progress
317E	Shoreline management plan and implementation	MRM	All Years	Important	Future/On Track
317F	Terrestrial and aquatic invasive species management	MRM	All Years	Important	Yes/Completed
317G	Floodplain and wetland restoration opportunities around Crosby Lake	REG	2026, 2027	Beneficial	In-Progress
317H	Future stormwater management planning	MRM	All Years	Important	General Future Planning & CIPs
417	Crosby Lake Subwatershed Projects Capital Improvements				
402A	Future groundwater projects	PPG	All Years	Important	Future/On Track
405O	Gottfried's Pit Improvements	PPG	2021, 2022	Important	In-Progress
405P	Future capital improvement projects (CIPs)	PPG	2021, 2022, 2025, 2030	Important	In-Progress
325/425	Wetland, Stream, and Ecosystem Restoration				
325	Wetland, Stream, and Ecosystem Restoration Projects				
325A	Phalen Creek Daylighting	REG	2021	Critical	Yes/Completed
325B	Hidden Falls Creek Restoration Planning	MRM	2026, 2027	Critical	Future/On Track
325C	Swede Hollow Water Resource and Natural Resources Plan	PPG	2025, 2026	Important	Yes/Completed

PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Responsible Division	Implementation Years	PRIORITY LEVEL (Critical, Important, Beneficial)	2021-2025 Implementation Item Summary
325D	Cascade Creek/Fountain Creek daylighting feasibility study	Reassignment Needed	2021, 2022	Beneficial	Canceled, Postponed to next WMP, or No Longer Offered
325E	Willow Reserve signage and access	PPG	2021, 2022, 2023	Important	Yes/Completed
325F	District 6 Natural Resource Management Plan	PPG	2023, 2024, 2025	Important	Yes/Completed
325G	Wetland Restoration Planning	REG	2021, 2022, 2023	Important	Yes/Completed
325H	Natural resource inventories and/or management plans	PPG	All Years	Important	Yes/Completed
425	Wetland, Stream, and Ecosystem Restoration Capital Improvements				
410B	Villa Park performance improvements	MRM	2025	Important	Behind
410G	Future CIPs	PPG	2028	Important	General Future Planning & CIPs
413E	Future CIPs	PPG	All Years	Important	General Future Planning & CIPs
425D	Cascade Creek/Fountain Creek restoration	Reassignment Needed	2030	Beneficial	Canceled, Postponed to next
417H	Future CIPs	PPG	All Years	Important	General Future Planning & CIPs
331/431	Mississippi River Gorge Subwatersheds				
331	Mississippi River Gorge Subwatersheds Projects				
331A	Towerside Innovation District stormwater management planning	Reassignment Needed	2021, 2023, 2025, 2027	Important	Canceled, Postponed to next WMP, or No Longer Offered
331B	Creative Enterprise Zone stormwater management planning	Reassignment Needed	2022, 2024, 2026, 2028	Important	Canceled, Postponed to next WMP, or No Longer Offered
331C	UM/MN State Fair Cooperative Projects	REG	2021, 2024, 2027, 2030	Important	Future/On Track
331E	Future stormwater management planning	MRM	All Years	Important	In-Progress
431	Mississippi River Gorge Subwatersheds Capital Improvement Projects				
431A	Towerside CIP	Reassignment Needed	2030	Beneficial	Canceled, Postponed to next WMP, or No Longer Offered
431B	Creative Enterprise Zone CIP	Reassignment Needed	2030	Beneficial	Canceled, Postponed to next WMP, or No Longer Offered
425C	Swede Hollow restoration	PPG	2029, 2030	Important	Future/On Track
431D	Seminary Pond and ravine stormwater improvements	PPG	2021, 2022	Critical	Yes/Completed
425H	Future wetland/stream/natural resource restoration projects	REG	All Years	Important	In-Progress
332/432	Mississippi River Confluence Subwatersheds				
332	Mississippi River Confluence Subwatersheds Projects				
332A	East Kittsondale Subwatershed Project Prioritization	PPG	2024	Beneficial	Canceled, Postponed to next WMP, or No Longer Offered
332B	Ford redevelopment site comprehensive stormwater planning	ADMIN	2021, 2022	Critical	Yes/Completed
332C	Area C Ford site planning	ADMIN	2021, 2022, 2023,	Important	In-Progress
332D	Snelling-Midway Phase II Redevelopment Planning	REG	2022, 2025, 2028	Critical	In-Progress
332F	Future stormwater management planning	MRM	All Years	Important	General Future Planning & CIPs
432	Mississippi River Confluence Subwatersheds Capital Improvement Projects				
431E	Future CIPs	PPG	All Years	Important	General Future Planning & CIPs
432B	Ford redevelopment district stormwater system and central water feature	ADMIN	2021	Critical	Yes/Completed
432E	Victoria Park stormwater improvements	MRM	2021, 2022, 2023	Critical	Canceled, Postponed to next WMP, or No Longer Offered
432F	Future CIPs	PPG	All Years	Important	General Future Planning & CIPs
333/433	Mississippi River Downtown Subwatersheds				
333	Mississippi River Downtown Subwatersheds Projects				
333A	Sears Redevelopment Site stormwater planning	PPG	2022, 2023	Important	In-Progress
333B	Swede Hollow BMP feasibility study	PPG	2022, 2026, 2030	Important	Yes/Completed
333C	Phalen Creek subwatershed water quality and quantity study	PPG	2023, 2024, 2027, 2028	Critical	In-Progress
333D	Saint Anthony Hill subwatershed water quality and quantity study	PPG	2023, 2024, 2027, 2028	Critical	Future/On Track
333F	Future stormwater management planning	MRM	All Years	Important	General Future Planning & CIPs
433	Mississippi River Downtown Subwatersheds Capital Improvement Projects				
433A	Sears Redevelopment Site	PPG	2027, 2028	Important	Future/On Track
433B	Swede Hollow CIP	PPG	2028, 2029, 2030	Important	Future/On Track
433E	Science Museum of Minnesota	PPG	2021, 2022	Critical	Canceled, Postponed to next WMP, or No Longer Offered
433F	Future CIPs	PPG	All Years	Important	In-Progress
375/475	Watershed Wide Planning, Assessment and Implementation				
375	Watershed Wide Planning and Assessment Projects				
375A	Transportation Redevelopment Projects - Stormwater Feasibility Studies/Preliminary Engineering	REG	All Years	Important	In-Progress
375B	Great River Passage Project - Feasibility Studies/Preliminary Engineering	PPG	All Years	Important	Yes/Completed
375C	Watershed management plan update	PPG	2028, 2029, 2030	Critical	Future/On Track
375D	Partner agency plan review and comment	ADMIN	All Years	Important	Yes/Completed
375E	GIS Program	FM	All Years	Important	Yes/Completed

PROGRAM/FUND NUMBER	PROGRAM/PROJECT TITLE	Current Responsible Division	Implementation Years	PRIORITY LEVEL (Critical, Important, Beneficial)	2021-2025 Implementation Item Summary
375F	Saint Paul watershed governance exploration	ADMIN	2021, 2022, 2023	Important	Canceled, Postponed to next WMP, or No Longer Offered
375G	Public private partnership opportunities	ADMIN	All Years	Important	Yes/Completed
375H	District Flooding Prioritization and Solution Identification	PPG	All Years	Important	In-Progress
375I	Trash management planning and implementation for areas surrounding District infrastructure and water and natural resources	FM	2023 - 2030	Important	In-Progress
375J	Municipal source control/good housekeeping planning and implementation assistance	FM	2026, 2027	Important	Future/On Track
375K	District Chloride Source Assessment and Prevention Plan	MRM	2021, 2022	Important	In-Progress
375L	District boundary corrections	PPG	2025	Important	In-Progress
375M	Mixed use neighborhood node drainage and water quality study	PPG	2029, 2030	Beneficial	Future/On Track
375N	Tools for quantification of non-SW benefits of green infrastructure	PPG	2021, 2022	Important	Behind
375O	Climate science and community resiliency	PPG	All Years	Critical	Yes/Completed
475	Watershed Wide Capital Improvement Projects				
475A	Transit Redevelopment Stormwater CIPs	REG	All Years	Important	Future/On Track
475B	Great River Passage CIPs	PPG	All Years	Important	Future/On Track
475P	Stormwater Impact Fund Implementation	REG	All Years	Important	Future/On Track
475Q	Debt and Loan Service	ADMIN	All Years	Critical	Yes/Completed

Appendix C: Goals and Sub-Goals Detailed Table

Goals and Subgoals

Updated 6/15/2026

Goal #	Goal	Overall Goal Status	Notes
BE-1	Manage stormwater runoff from District-owned, permitted and grant funded projects with green infrastructure practices and other approaches that mimic natural hydrology by retaining a minimum volume equivalent to 1.1 inches over new, redeveloped, or existing impervious surfaces	Goal Met	
BE-2	Work with partners to identify, evaluate, and carry out opportunities for regional stormwater management systems on large scale redevelopment projects (e.g., Ford Site, Towerside, Creative Enterprise Zone) over 10 years	Goal Met	
BE-3	Explore private-public partnerships on redevelopment projects to implement shared, stacked green infrastructure (SSGI) projects with environmental, economic, and social benefits	Goal Met	
BE-4	Identify and prioritize improvement projects in each of the District's high priority subwatersheds (Trout Brook, Saint Anthony Hill. and Phalen Creek) (see Section 3.2) through development of at least one subwatershed study in each subwatershed	Goal Not Met	Efforts should continue in St. Anthony Hill and Phalen Creek SWS
BE-5	Support the voluntary implementation of green infrastructure practices with a target of 15 BMPs installed per year by continuing to offer grant programs and considering other types of incentives	Goal Met	
BE-6	Annually monitor and report effectiveness of at least five District green infrastructure practices and other stormwater BMPs in reducing stormwater runoff volumes and pollutant loads	Goal Met	
BE-7	Identify and address top 5 sediment or phosphorus pollutant loading hot spot areas for targeted source control (e.g., street sweeping)	Goal Met	
CE-1	Increase the visibility of the District and its work to better engage a variety of stakeholders through the following actions:	See subgoals below	
CE-1a	<i>a. Create standard branding and messaging</i>	Goal Met	
CE-1b	<i>b. Create and implement individual communications and engagement plans, including three pieces of digital content, for District keystone projects and programs</i>	Goal Met	
CE-1c	<i>c. Proactively engage at least one member of the media each month to amplify the District's work</i>	Goal Met	
CE-2	Increase community understanding of, and connection to, natural resources, environmental issues and public health through the following actions:	See subgoals below	
CE-2a	<i>a. Develop and share at least two pieces of accessible and engaging District-owned content each month that ties District goals to the interests of stakeholders</i>	Goal Met	
CE-2b	<i>b. Create and share information that promotes actions to improve water quality and ecosystem health</i>	Goal Met	
CE-2c	<i>c. Host or support events to further understanding and encourage clean water actions, targeting 25 events per year</i>	Goal Met	
CE-3	Enhance the District's public affairs and community relationships and increase community engagement through the following actions:	See subgoals below	
CE-3a	<i>a. Build community engagement infrastructure and tools, including long-term program opportunities (e.g., K 12 curriculum, regular volunteer opportunities, citizen science, etc.)</i>	Goal Met	
CE-3b	<i>b. Expand outreach to neighborhood groups, environmental organizations, local businesses, K 12 schools, colleges and universities, and other District audiences through 5 outreach meetings per month</i>	Goal Met	
CE-3c	<i>c. Gather information from audiences where engagement is lacking to identify barriers to adoption of clean water behaviors and develop strategies to overcome those barriers.</i>	Goal Met	
CE-3d	<i>d. Increase recruitment and support of volunteers who will promote programs and activities that align with District goals and actively participate in improving our water resources, targeting 300 adopted storm drains, 200 new participants, and 300 volunteer hours per year</i>	Goal Met	
CE-4	Connect with members of Dakota, Ojibwe, and other Indigenous communities to build relationships and develop materials that acknowledge their history and ongoing engagement in the stewardship of the land and water in the District.	Goal Met	
CE-5	Support the continued integration of the arts, technology and storytelling as a vibrant means to communicate, educate and enliven the experiences of District residents.	Goal Met	
CE-6	Support the creation of recreational access points and programming to better connect people with Willow Reserve and other water and natural resources of the District	Goal Met	
CE-7	Increase communication and engagement efforts to help address chloride and trash pollution.	Goal Met	
EH-1	Establish Como Lake as an ecologically healthy shallow lake and achieve the following long-term ecosystem health goals identified in the Como Lake Management Plan:	See subgoals below	

EH-1a	<i>a. Reduce the occurrence of curly-leaf pondweed to <10% during period of peak abundance</i>	Goal Met	
EH-1b	<i>b. Establish and maintain native aquatic vegetation with >8 species richness and at least 3 species >20% frequency of occurrence</i>	Goal Met	
EH-1c	<i>c. Establish and maintain a fishery with balanced populations of piscivorous, planktivorous, and benthivorous fish</i>	Goal Not Met	
EH-1d	<i>d. Maintain existing areas of native vegetation along the shoreline to capture surface runoff, minimize shoreline erosion, and promote wildlife habitat</i>	Goal Met	
EH-2	Manage Lake McCarrons to improve and sustain its ecological health as a deep lake and maintain the following ecosystem health goals identified in the Lake McCarrons Management Plan:	See subgoals below	
EH-2a	<i>a. Prevent introduction of new aquatic invasive species and control existing invasive species populations</i>	Goal Met	
EH-2b	<i>b. Maintain or increase abundance and distribution of native submersed aquatic plants throughout the growing season</i>	Goal Met	
EH-2c	<i>c. Create and maintain stable shoreline buffers around Lake McCarrons</i>	Goal Met	
EH-2d	<i>d. Maintain a healthy, balanced fishery</i>	Goal Met	
EH-3	Manage Crosby Lake to improve and sustain its ecological health as a shallow lake appropriate for its proximity to the Mississippi River and achieve the following ecosystem health goal identified in the Crosby Lake Management Plan: a. Develop and work towards achieving long term targets for fish and aquatic plant diversity	Goal Not Met	
EH-4	Manage reestablished native plant communities and control invasive species in Willow Reserve, Highland Ravine, Trout Brook Nature Sanctuary, and other District sponsored natural areas	Goal Met	
EH-5	Improve ecosystem health in the District's high priority watersheds, Trout Brook, Saint Anthony Hill and Phalen Creek, by conducting at least one natural resource inventory and developing and implementing a management plan in each priority subwatershed	Goal Not Met	NRI has not been conducted in St. Anthony Hills SWS, but it is not a high priority to complete in the next 5 years.
EH-6	Investigate and pursue opportunities to restore portions of historic streams in the Phalen Creek, Hidden Falls, and East Kittsondale subwatersheds, targeting two projects implemented over 10 years	Goal Met	Phalen Creek 2023 Study, Hidden Falls 'daylighting'/ increased flow as a result of Highland Bridge project.
EH-7	Pursue wetland restoration and local banking opportunities in the top three priority areas identified in the District's future Wetland Management Plan	Goal Not Met	Wetland Mgt Plan completed in 2025. Opportunities beginning to be pursued 2026 onward
EH-8	Promote native vegetated buffers around all water resources beyond the minimum requirements of CRWD and other applicable rules through grant opportunities and communication and engagement efforts	Goal Met	
EH-9	Foster the expansion of native plant communities in the District through conversion of turf grass by promoting District and partner grant opportunities and highlighting native plant benefits	Goal Met	
FL-1	Maintain critical event (i.e., 10 or 100 year) flood control for all District-sponsored Capital Improvement Plans (CIPs) and permitted redevelopment projects.	Goal Met	
FL-2	Ensure that the Trout Brook storm sewer, a District-owned and operated system, adequately and safely conveys stormwater flows by inspecting at least once every five years and conducting two major repairs over the 10-year plan	Goal Met	
FL-3	Minimize flood risk and reduce impacts to stormwater infrastructure and property in three high priority flood prone areas in the Trout Brook subwatershed by investigating the issues and implementing three flood mitigation solutions.	Goal Not Met	
FL-4	Reduce the likelihood and/or consequences of flooding by working with partners to identify, prioritize, and address existing and potential infrastructure capacity and other contributing issues throughout the District	Goal Not Met	
FL-5	Maintain existing floodplain capacity (i.e., no net loss) through implementation of the District's Rules and identify opportunities to increase floodplain capacity and functionality along Crosby Lake and other areas along the Mississippi River	Goal Not Met	
FL-6	Adapt to changing climate by evaluating flood risk and designing all new applicable District projects under present and future climate and precipitation trends	Goal Not Met	
FL-7	Identify and address groundwater quantity issues by supporting and collaborating with appropriate agencies, coordinating with partners at least annually	Goal Met	
IM-1	Achieve desired performance of District-owned and funded stormwater infrastructure through regular inspection, consistent routine and non-routine maintenance, and replacement according to individual infrastructure operation and maintenance plans	Goal Met	
IM-2	Establish effective and efficient long-term management approach(es) for publicly-owned stormwater management systems, including individual, shared, and/or regional systems	Goal Met	
IM-3	Support our public and private partners in the maintenance of stormwater infrastructure by developing and implementing a stormwater infrastructure maintenance service program	Goal Met	
IM-4	Offer BMP inspection and maintenance support to District grantees to ensure at least 90% of District grant-funded projects meet their design goals annually	Goal Met	

IM-5	Develop and implement program(s) for inspection of District-permitted and other privately-owned stormwater infrastructure	Goal Met	
IM-6	Work with partners to assess regional stormwater management needs and costs, identify partner roles, and develop an approach/program for regional stormwater systems	Goal Met	
IM-7	Increase public and private sector knowledge of stormwater BMP inspection and maintenance by offering or promoting annual education and training programs by others	Goal Met	
O-1	Foster equitable implementation of all District programs and projects across the watershed by engaging traditionally underserved populations and expanding geographic reach into the Trout Brook, Saint Anthony Hill, and Phalen Creek subwatersheds	Goal Met	
O-2	Assess District programs, activities, and water governance within and adjacent to the District through an equity lens on a bi-annual basis and make recommendations for consistent, equitable, and efficient water resource management	Goal Met	
O-3	Ensure that high value and multiple benefits are derived from funds spent on District projects and programs through planning, adaptive management and biannual evaluation of progress	Goal Met	
O-4	Advance the field of water management through demonstration, research, and monitoring of innovative technologies and practices with partners	Goal Met	
O-5	Maintain and enhance the capacity of the District to achieve water and natural resource management goals through:	See subgoals below	
O-5a	<i>a. Expanding existing and creating new partnerships with government agencies, institutions, and non-profits to expand water resource management</i>	Goal Met	
O-5b	<i>b. Identifying and expanding public-private partnership opportunities for incorporating water and natural resource improvements into redevelopment projects (i.e., local chambers of commerce and business councils, Saint Paul Port Authority, redevelopment companies)</i>	Goal Met	
O-5c	<i>c. Pursuing non-traditional state grant funding and explore other funding mechanisms to support District and partner activities</i>	Goal Not Met	
O-5d	<i>d. Expanding the District's role as a thought leader and advocate for sustainable water resource management</i>	Goal Met	
O-5e	<i>e. Recruiting and retaining high quality staff and volunteers including Citizen Advisory Committee members and resident volunteers</i>	Goal Met	
R-1	Achieve the District's 1.1 inch volume retention standard and other performance standards on 100% of redevelopment projects disturbing one or more acres of land	Goal Met	
R-2	Work with agency partners to provide consistent and efficient stormwater regulations and controls across jurisdictions	Goal Met	
R-3	Meet with agency partners every two years to ensure that stormwater regulations reflect the most pressing water quality issues, current research, and science to make progress in protecting and improving water and natural resources	Goal Met	
R-4	Work with agency partners to evaluate and consider regulations for deicing practices	Goal Not Met	
R-5	Work with agency partners to evaluate and develop requirements for stormwater management on sites disturbing less than 1 acre of land	Goal Not Met	
R-6	Support the State's efforts to develop comprehensive water reuse policy and guidance and updates to the State plumbing code.	Goal Not Met	
R-7	Work with partners to improve coordination and processes on overlapping aspects of regulatory programs:	See subgoals below	
R-7a	<i>a. review of permit applications early in the project design phase</i>	Goal Met	
R-7b	<i>b. detection and elimination of at least 20 illicit discharges over 10 years</i>	Goal Met	
R-7c	<i>c. inspection and enforcement of all projects during and after construction</i>	Goal Met	
R-8	Identify and implement ways to improve engagement with developers, engineers and applicants	Goal Not Met	
R-9	Identify and leverage opportunities that combine incentives for green infrastructure with regulations to address District and partner goals	Goal Not Met	
WQ-1	Establish Como Lake as an ecologically healthy shallow lake and make progress towards the following water quality goals identified in the Como Lake Management Plan:	See subgoals below	
WQ-1a	<i>a. Achieve and maintain in-lake summer average total phosphorus (TP) concentration less than 60 µg/L</i>	Goal Not Met	Source: 2025 Lakes Report Data Goal Met 1 year out of past 5. 64, 139.4, 55.6, 89.2, 101.4
WQ-1b	<i>b. Reduce watershed phosphorus loading by 60% relative to year 2000 baseline</i>	Goal Not Met	Preference is to reference TMDL Annual Reporting worksheet to assess progress. It may make sense to re-evaluate TMDL goal during next WMP update.

WQ-1c	<i>c. Reduce internal phosphorus loading by 95%</i>	Goal Not Met	Sediment coring in 2026 will provide updated estimates on internal loading.
WQ-1d	<i>d. Reduce other non-point source pollutants (e.g., bacteria, chloride, trash, sediment)</i>	Goal Met	
WQ-2	Manage Lake McCarrons to improve and sustain its ecological health as a deep lake and achieve the following water quality goals identified in the Lake McCarrons Management Plan:	See subgoals below	
WQ-2a	<i>a. Maintain in-lake summer average total phosphorus (TP) concentration less than 33 µg/L</i>	Goal Met	Source: 2025 Lakes Report Data.17, 24, 22, 28, 26
WQ-2b	<i>b. Maintain watershed phosphorus loading of 0.25 lbs/acre/yr (no increase from 2008-2018 baseline)</i>	Goal Met	
WQ-2c	<i>c. Maintain hypolimnetic TP concentrations below 300 µg/L</i>	Goal Not Met	Source: 2025 Lakes Report Data. 568, 591, 478, 354, 525
WQ-2d	<i>d. Work with partners to ensure in-lake chloride concentrations do not exceed 230 mg/L more than once every 3 years</i>	Goal Met	Source: 2025 Lakes Report Data. 147, 144, 191, 151, 165
WQ-2e	<i>e. Reduce other non-point source pollutants (e.g., bacteria, chloride, trash, sediment)</i>	Goal Not Met	
WQ-3	Establish Crosby Lake as an ecologically healthy shallow lake for its proximity to the Mississippi River and achieve the following long-term water quality goals identified in the Crosby Lake Management Plan:	See subgoals below	
WQ-3a	<i>a. Achieve and maintain in-lake summer average total phosphorus (TP) concentration less than 60 µg/L</i>	Goal Not Met	Source: 2025 Lakes Report Data. 64, 72, 89, 100, 93
WQ-3b	<i>b. Reduce watershed phosphorus loading by 47% relative to 2000-2009 baseline of 92 lbs/yea</i>	Goal Not Met	Crosby Mgt Plan update planned for 2026 will model this.
WQ-4	Manage Loeb Lake to improve and sustain its ecological health as a shallow lake and maintain or improve water quality of Loeb Lake that meets the following shallow lake water quality standards:	See subgoals below	Source: 2025 Lakes Report Data.
WQ-4a	<i>a. Maintain in-lake summer average TP concentration less than 60 µg/L</i>	Goal Met	TP: 24.6, 26.3, 24.8, 26.1, 21.7.
WQ-4b	<i>b. Maintain clarity of 1 meter</i>	Goal Met	Secchi: 3.4, 2.9, 2.9, 2.3, 3.7
WQ-4c	<i>c. Maintain chlorophyll a concentration of less than 20 µg/L</i>	Goal Met	Chl-a: 2.5, 6.9, 8.2, 10.3, 3.9.
WQ-5	Reduce sediment loading from the District to the Mississippi River to less than 154 lbs/acre/yr (South Metro Mississippi River Turbidity HTML) through ongoing practices (e.g., regulation) and capital improvements (e.g., assessment, prioritization, and stabilization of eroded ravines)	Goal Not Met	Future district-wide assessment planned-- assuming not met based on TBI model outputs.
WQ-6	Make progress towards reducing total phosphorus loading to 0.35 lb/acre/yr to the Mississippi River and achieving total phosphorus concentrations of 125 ug/L and 100 ug/L in the Mississippi River and Lake Pepin, respectively (draft Lake Pepin TMDL)	Goal Not Met	Future District-wide assessment planned, assuming not met based on TBI model outputs.
WQ-7	Work with partners to quantify and reduce the amount of trash entering District lakes, wetlands, ponds, and the Mississippi River	Goal Not Met	
WQ-8	Work with partners to achieve bacterial water quality standards (126 CFU/mL monthly geometric mean, April – October) in the Mississippi River (Upper Mississippi River Bacteria TMDL)	Goal Not Met	Assuming not met. Future District-wide assessment planned
WQ-9	Establish a baseline and reduce chloride loading to Como Lake and make progress towards meeting the 2,233 lbs/day MS4 waste load allocation to Como Lake through actions identified in the Twin Cities Metro Area Chloride Management Plan	Goal Not Met	
WQ-10	<i>Reduce loading of chloride, metals, pesticides, organic contaminants, and other pollutants to District lakes, wetlands, ponds, and the Mississippi River</i>	Goal Met	
WQ-11	<i>Research at least two emerging water quality issues (e.g., microplastics, pharmaceuticals, PFAS compounds, and other anthropogenic contaminants)</i>	Goal Met	
WQ-12	<i>Document baseline conditions, identify trends, and target areas for reducing pollutant loading and evaluate progress towards achieving water quality goals by monitoring water quality and quantity of District water resources annually (5 lakes, 7 subwatershed stormwater outfalls) and periodically (9 wetlands)</i>	Goal Met	
WQ-13	<i>Support and collaborate with Ramsey County, MDNR, Saint Paul Regional Water Services, community suppliers and other appropriate partners on groundwater quality monitoring and protection efforts</i>	Goal Not Met	

Appendix D: Budget Tables

Actual Expenditures Years 2021-2025

Updated 5/29/2026

Fund #	Fund Name	2021 Total	2022 Total	2023 Total	2024 Total	2025 Total	Notes
Administration							
101	Administration	\$ 1,120,416.10	\$ 1,247,720.68	\$ 1,658,704.76	\$ 1,738,291.48	\$ 1,793,156.91	
Programs							
208	Regulatory Program	\$ 691,818.95	\$ 704,968.04	\$ 588,316.59	\$ 723,701.11	\$ 709,088.19	
210	Grants Program	\$ 616,541.23	\$ 334,127.36	\$ 374,115.40	\$ 524,485.81	\$ 478,645.67	
211	Monitoring, Assessment, and Research	\$ 646,656.65	\$ 620,544.46	\$ 589,651.47	\$ 859,013.85	\$ 613,690.92	
220	Communication and Engagement	\$ 423,592.04	\$ 550,094.57	\$ 581,052.57	\$ 606,803.64	\$ 555,865.41	
222	Facility Management Program	\$ 268,383.90	\$ 423,402.06	\$ 479,927.49	\$ 535,263.49	\$ 625,716.82	
	Total	\$ 2,646,992.77	\$ 2,633,136.49	\$ 2,613,063.52	\$ 3,249,267.90	\$ 2,983,007.01	
Projects							
302	Groundwater Projects	\$ 10,135.23	\$ 10,446.23	\$ 10,831.11	\$ 1,568.58	\$ 52,183.40	
305	Como Lake Subwatershed	\$ 148,863.54	\$ 168,860.05	\$ 143,391.17	\$ 187,776.29	\$ 120,655.92	
310	Lake McCarron's Subwatershed	\$ 36,662.22	\$ 9,775.21	\$ 343.13	\$ 522.37	\$ 7,262.82	
313	Loeb Lake Subwatershed	\$ -	\$ 248.63	\$ -	\$ -	\$ 984.02	
315	Trout Brook Subwatershed	\$ 279,287.16	\$ 257,266.71	\$ 159,627.90	\$ 104,457.65	\$ 201,992.07	
317	Crosby Lake Subwatershed	\$ -	\$ -	\$ -	\$ 108.97	\$ 120.36	
325	Wetland, Stream, and Ecosystem Restoration	\$ 2,314.15	\$ 22,714.28	\$ 89,874.39	\$ 126,413.21	\$ 91,881.62	
330/331	Mississippi River Subwatershed/Mississippi River Gorge Subwatershed	\$ 9,007.43	\$ -				330 (Mississippi River subwatershed) was used in 2021 but updated to 331 (Mississippi River Gorge Subwatershed) in the 2021 WMP
331	Mississippi River Gorge Subwatershed						
332	Mississippi River Confluence Subwatershed	\$ 45,999.71	\$ 33,122.95	\$ 34,104.94	\$ 18,574.05	\$ 29,345.05	
333	Mississippi River Downtown Subwatershed	\$ 7,269.03	\$ 101,368.80	\$ 177,975.77	\$ 153,547.69	\$ 74,048.20	
370/375	Watershed Management/ Watershed Wide Planning, Assessment and Implementation	\$ 51,980.82	\$ 99,079.46	\$ 50,838.34	\$ 172,983.09	\$ 234,022.48	370 (Watershed Management) was used in 2021 but updated to 375 in the 2021 WMP
375	Watershed Wide Planning, Assessment and Implementation						
390	Special Projects and Grants	\$ 44,933.36	\$ 5,578.46	\$ -			390 (special grants) is not a fund number in the 2021 WMP. The Special Grant Program was merged into the Stewardship Grant program
	Total	\$ 636,452.65	\$ 708,460.78	\$ 666,986.75	\$ 765,951.90	\$ 812,495.94	
Capital Improvement Projects							
402	Groundwater Projects	\$ -	\$ -	\$ -	\$ -	\$ 214.15	
405	Como Lake BMP's	\$ 467,736.92	\$ 198.26	\$ 88,877.19	\$ 81,387.47	\$ 433,139.92	
410	Lake McCarron's BMP's	\$ 8,532.69	\$ -	\$ -	\$ -	\$ -	
413	Loeb Lake BMP's	\$ 44.20	\$ -	\$ -	\$ -	\$ -	
415	Trout Brook BMP's	\$ 187,749.81	\$ 973,269.83	\$ 299,114.88	\$ 1,202,641.11	\$ 114.82	
417	Crosby Lake BMP's	\$ -	\$ -	\$ -	\$ -	\$ 615.05	
422	Facility Management					\$ 158,305.08	422 is not a fund number in the WMP. This division was added after 2021 WMP development.
425	Wetland, Stream, and Ecosystem Restoration	\$ -	\$ -	\$ -	\$ -	\$ 40.33	
430/431	Mississippi Subwatershed BMP's/Mississippi River Gorge Subwatershed BMPs	\$ 98,142.10	\$ 2,206.90				430 (Mississippi River subwatershed) was used in 2021 but updated to 431 (Mississippi River Gorge Subwatershed) in the 2021 WMP
431	Mississippi River Gorge Subwatershed BMPs						
432	Mississippi River Confluence Subwatershed BMPs	\$ -	\$ 24.89	\$ 434.93	\$ 926,063.00	\$ -	
433	Mississippi River Downtown Subwatershed BMPs	\$ -	\$ 517.98	\$ -	\$ 145.57	\$ 295,228.23	
440	Special Projects & Grants	\$ 183,322.36	\$ 153.47				
450	Future Trends Implementation	\$ 6,259.25	\$ -				
475	Watershed Wide Capitol Improvement Projects	\$ -	\$ 1,500,190.75	\$ 1,099,804.03	\$ 276,238.10	\$ -	
	Total	\$ 951,787.33	\$ 2,476,562.08	\$ 1,488,231.03	\$ 2,486,475.25	\$ 887,657.58	
Debt Service							
490	Debt Service	\$ 1,672,173.02	\$ 2,850,184.06	\$ 998,908.30	\$ 952,940.00	\$ 951,075.00	
Total		\$ 7,027,821.87	\$ 9,916,064.09	\$ 7,425,894.36	\$ 9,026,333.77	\$ 7,427,392.44	