



Title: 2024 Draft Budget

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Purpose:

At the July 13, 2023 Operations and Programs Committee (OPC) meeting, the draft 2024 budget will be discussed.

Following the discussion in Committee on June 8, 2023, where the capital improvement plan and personnel budgets were reviewed, emphasis on July 13, 2023, will be placed on refinements that have been made since the last discussion.

2024 Budget-Levy Projection - Overview:

The draft 2024 budget shows a balanced budget of \$14,796,255, a 3.4% or \$487,062 increase in budgeted expenditures over 2023, supported with a flat (0% change) levy of \$9,869,513 (*Table 1*).

This will be accomplished through a combination of drawing on previously levied fund balances that were assigned to capital projects, the reallocation of funds from completed projects or programs delivered under budget, and \$881,190 in external grant funds.

Adjustments Since June 8, 2023:

- Inclusion of \$29,475 in Project Maintenance, for completion of a Flood Action Plan in 2024.
 - This Plan will define MCWD's role, action steps, and departmental roles during extreme flooding events.
- Creation of a Capital Finance Tab within the budget workbook.
 - While this tab does not affect the 2024 budget or levy, as a planning tool it integrates mid-range capital project needs between 2025 and 2030, and shows the balance of existing funds being assigned to these watershed improvements. This strengthens the linkage between the 10-year watershed management plan, the multi-year capital improvement plan, and the annual budgeting process.

Top Level 2024 Budget Summary (Table 1):

Capital Projects:

MCWD maintains a focus on capital improvements that measurably improve water quality and reduce flooding.

The 2024 Capital Project budget is projected to increase 128.8% or \$3,717,389, from \$2,886,022 to \$6,603,411, to support improvements in the:

- Lower Watershed
 - Minnehaha Creek Greenway
 - Minnehaha Creek Parkway
- Upper Watershed
 - Six Mile Creek – Halsted Bay Subwatershed
 - Long Lake Creek – Tanager Bay Subwatershed
 - Painter Creek – Jennings Bay Subwatershed

Capital Finance & Debt Service:

MCWD’s capital finance sub-fund is used strategically to maximize the organization’s capacity for project implementation while minimizing levy volatility.

Debt Service is scheduled to decrease 73.9% or (\$3,112,850) in 2024 as MCWD makes its final payment in 2023 for 325 Blake Road. *Proceeds from pending land sales are not accounted for until closing.

Programs:

MCWD programs directly support capital projects and policy development at the nexus of water and land use.

The 2024 Program budget is projected to decrease 2.7% or \$145,848. This is principally due to a 28.9% reduction in Project Maintenance and Land Management associated with the elimination of the Minnehaha Preserve Boardwalk from the 2024 budget. Attachment 2 – Operations and Programs Summary provides detail on specific changes by fund.

Operations:

Operations includes MCWD’s general operations, information technology, and facility improvements.

The 2024 Operations budget is proposed to increase 1.5% or \$28,371.

Personnel:

Personnel costs are included within each programmatic area and include wages, payroll tax, public employee retirement association contributions (PERA), and employee benefits.

The 2024 Personnel budget currently assumes a 5.4% increase or \$177,903. Assumptions regarding the personnel budget were presented at the June 8, 2023 OPC Meeting, and discussed on June 22, 2023 by the Board of Managers as part of the 2023 Classification and Compensation Study.

Table 1 - DRAFT 2024 Budget-Revenue Summary

EXPENSES	2023	2024	2023-2024 Δ	% Change
Operations	\$1,899,204	\$1,927,575	\$ 28,371	1.5%
Programs	\$5,311,250	\$5,165,401	\$ (145,848)	-2.7%
Debt Service	\$4,212,718	\$1,099,868	\$ (3,112,850)	-73.9%
Capital projects	\$2,886,022	\$6,603,411	\$ 3,717,389	128.8%
TOTAL	\$14,309,193	\$14,796,255	\$ 487,062	3.4%
REVENUE	2023	2024	2023-2024 Δ	% Change
Preliminary levy	\$9,869,513	\$9,869,513	\$ -	0.0%
Projects fund balance	\$2,299,090	\$2,105,893	\$ (193,197)	-8.4%
Programs fund balance	\$1,625,590	\$1,759,659	\$ 134,069	8.2%
Grants and partner funds	\$445,000	\$881,190	\$ 436,190	98.0%
Interest, permit fees, reimbursement	\$70,000	\$180,000	\$ 110,000	157.1%
TOTAL	\$14,309,193	\$14,796,255	\$ 487,062	3.4%

2024 Budget Strategic Alignment – Overview:

In 2024 MCWD will remain focused on working closely with its public and private partners to:

1. Build high impact projects that measurably improve water quality, reduce flooding, and benefit the community
2. Shape policy at the nexus of water and land use, specifically related to climate action and MCWD's 2027 Plan

High Impact Capital Projects:

Lower Watershed:

Minnehaha Creek Greenway:

In the Minnehaha Creek Greenway, 325 Blake Road and the accompanying second phase improvements to Cottageville Park are scheduled to enter construction in 2024. Combined with stream and corridor improvements where Southwest Light Rail crosses Minnehaha Creek, these projects will treat over 260 acres of regional stormwater runoff and permanently connect the Minnehaha Creek Greenway from Excelsior Boulevard to Blake Road.

Minnehaha Creek Parkway:

Working in partnership with the City of Minneapolis and the Minneapolis Park and Recreation Board, feasibility and design will be advanced for stormwater and resilience projects located along the Minnehaha Parkway. In addition to planning new capital improvements, existing stormwater facilities that are part of the Minneapolis Chain of Lakes Partnership will be maintained in 2023 - Lake Nokomis' Amelia Pond and Twin Lake Park Pond.

Upper Watershed

Six Mile Creek – Halsted Bay:

In the Six Mile Creek-Halsted Bay subwatershed, MCWD will initiate planning for a corridor of potential wetland restoration between Turbid and Lundsten Lakes, advance the East Auburn Wetland Restoration into design-construction, and conduct technical and funding feasibility for the Lake Minnetonka-Halsted Bay Alum Facility.

Long Lake Creek – Tanager Bay:

In the Long Lake Creek – Tanager Bay subwatershed, MCWD will advance two priority projects from the Long Lake Creek Roadmap. These include design and construction of the County Road 6 Pond Retrofit in Orono, and feasibility of the Holbrook Park Regional Stormwater Project in Long Lake, with the support of \$175,000 in state grant funds.

Painter Creek – Jennings Bay:

In the Painter Creek - Jennings Bay subwatershed, MCWD helped secure \$243,200 in state grant funds for the Morningside Ravine Stabilization Project, led by the City of Medina.

Policy Development – 2027 Watershed Plan, Climate Action and Flood Reduction:

In 2024, among other important climate actions being taken, MCWD will leverage funding from the Legislative Citizen Commissioner for Minnesota Resources (LCCMR), to build a 2D computer model of the watershed.

This work, supported by MCWD communities, Hennepin County, the Department of Natural Resources, Environmental Quality Board, and United States Geologic Survey, will facilitate scenario planning and the assessment of vulnerabilities across the watershed to flooding under future precipitation regimes.

In parallel with this effort, external public and private stakeholder engagement will begin as MCWD takes initial steps in scoping its 2027 Watershed Plan.

2024 Personnel Budget:

The 2024 personnel budget (salary and benefits) will be informed in part by a 2023 market evaluation of compensation that MCWD is in the process of completing. When last conducted, in 2018, the MCWD Board adopted a compensation policy that both guides individual placement and movement within a pay plan, and the annual growth of the Board approved pay plan based on employee cost indexes published by the Bureau of Labor Statistics.

2023 Classification and Compensation Study Initial Results:

Results from the 2023 Classification and Compensation Study were presented to the Board of Managers on June 22, 2023. The final study will be brought forward for consideration at the July 27, 2023, Board Meeting. In parallel, the results from the study are being used to inform 2024 budget planning.

Wages and 2024 Pay Plan:

Initial results from the market assessment of salary show MCWD's minimum and midpoint of its 2023 pay plan to be on average 5% and 8% behind market, respectively. However, in terms of individuals, no MCWD employees were found to be paid below minimum salaries within the new proposed 2024 pay plan. This compares favorably to 2018, when a majority of positions were found to be between 15% and 22% below minimum range. These results indicate that, despite market fluctuations and disruptions from the COVID-19 pandemic, the implementation of MCWD's compensation policy has helped maintain MCWD's competitiveness within the regional market and has minimized drift.

Benefits:

Benefits were also benchmarked against the market. Details were provided during the June 22, 2023 report to the Board. Specific to employee health benefits, MCWD has historically been competitively positioned within the marketplace as its age-banded small group status has allowed it to provide benefits at a cost per capita lower than the market averages. This competitiveness on a per capita benefit cost was confirmed again during the 2023 study.

In terms of the percentage of employee costs covered by the employer, due to its competitiveness on cost, MCWD has historically provided 100% coverage. When compared to the market, the 2023 study revealed an average of 96% employee costs covered, with one respondent providing 100% coverage. For family coverage, where MCWD has also provided 100% coverage historically, the market average was found to be 81%, with a maximum of 96%.

Implementation of Study Results:

At the June 22, 2023 Board Meeting, Managers discussed the findings and reviewed options for costs to implement the study.

Based on the discussions to date, the current draft 2024 personnel budget includes a net increase across wages and benefits of 5.4%, or \$177,903, which includes assumptions regarding 2024 wage adjustments needed to remain market competitive through both cost of living and performance adjustments, and holding the 2024 benefit budget flat to calibrate MCWD to market data around percentage of costs covered by the employer.

Capital Finance:

To help strengthen the linkage between MCWD's 10-Year Watershed Management Plan, the Multi-Year Capital Improvement Plan distributed for comment annually, and the Annual Budget, staff have developed a new budget tab, Attachment 11 - Capital Finance and Mid-Range CIP.

This tab shows the next six years of potential capital improvement costs. These are the next batch of projects within the 10-Year Watershed Management Plan, that may move forward pending feasibility, partnership development and Board decision. This tab serves the purpose of communicating the potential capital project needs over the next six years, totaling over \$30M. It will also assist in improving forecasting, and planning and communicating annual budgets with mid-range needs in mind.

Finally, this tab will begin to more clearly communicate fund balances being held assigned to support MCWD's mid-range capital improvement needs across the watershed. Historically, funds from programs being delivered under budget in a given fiscal year have been considered one-time funds and transferred out to support capital project needs. Additionally, fund balances have historically remained assigned in two locations, within Operations and within the Debt Service sub-funds.

This tab consolidates those fund balances, while ensuring 150% debt service coverage remains, and shows the total of \$10,209,560 being assigned to MCWD's mid-range capital project needs totaling \$30,466,194.

Conclusion:

At the July 13, 2023 OPC, staff will provide an updated overview of the total budget, highlight changes since June, and seek Committee feedback. If there are questions in advance of the meeting, please contact James Wisker at Jwisker@minnehahacreek.org.

2024 Budget Breakdown Attachments:

- DRAFT 2024 Budget Workplan
- 2023 Budget-Revenue Summary – Attachment 1
- Programs and Operations – Attachment 2
 - Operations – Attachment 3
 - Permitting – Attachment 4
 - Project Planning – Attachment 5
 - Policy Planning – Attachment 6
 - Project Maintenance – Attachment 7
 - Outreach – Attachment 8
 - Research & Monitoring – Attachment 9
- Capital Improvement Projects – Attachment 10
- Capital Finance and Mid-Range CIP – Attachment 11
- Debt Service – Attachment 12



Wassermann Lake Preserve on Wassermann Lake



MINNEHAHA CREEK
WATERSHED DISTRICT

2024 MCWD BUDGET & WORKPLAN

Pursuing a balanced urban ecology through capital projects and policy

2024 BUDGET & WORKPLAN

MCWD's strategy focuses on working with partners to deliver high-impact capital projects that measurably improve our treasured waters and pursue meaningful policy change that integrates land and water planning. This type of integrated, collaborative work allows us to achieve our mission while supporting the goals of our communities, but it can take years. For this reason, each budget cycle represents not just an opportunity to look at the fiscal year ahead, but to strategically prepare to take on new, impactful work in the years to come.

This workplan provides an overview of our 2024 annual budget and summarizes progress occurring across the watershed in collaboration with our partners.

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- 4 | *Six Mile Creek – Halsted Bay Subwatershed*
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- 6 | *Minnehaha Creek Subwatershed*
- 7 | *Minnehaha Creek Subwatershed 2024 Activities*
- 8 | *A Data-Driven Strategy for Resilience*
- 9 | *Watershed-Wide Services*

OUR APPROACH: IN PURSUIT OF A BALANCED URBAN ECOLOGY

We believe that clean water and a healthy natural environment are essential to creating and sustaining vibrant, thriving communities. The beauty, green space, and recreational opportunities found in the Minnehaha Creek watershed create a sense of place that provides a local identity, adds economic value, and increases well-being.

We put this belief into action by partnering with our communities to integrate the natural and built environments across the watershed. In pursuing these partnerships, we focus in areas of high need to achieve significant, measurable improvements, while remaining responsive to needs and opportunities watershed wide.



Minnehaha Creek Preserve in St. Louis Park

2024 BUDGET BREAKDOWN

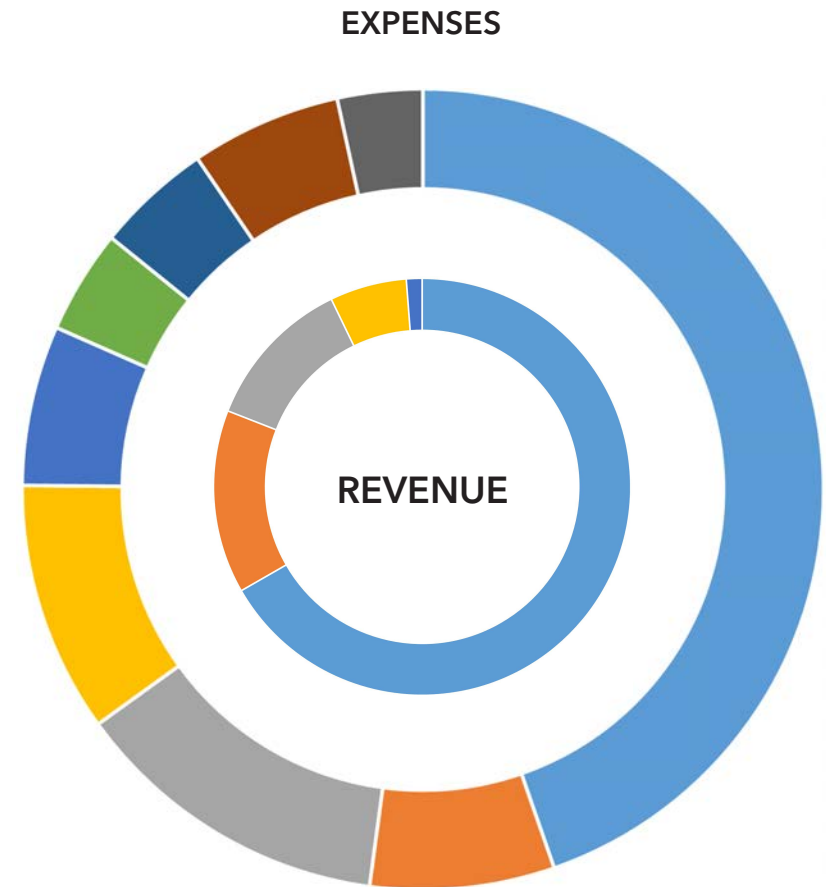
FISCAL RESPONSIBILITY

Our work is supported by an annual tax levy, funds levied in past years for multi-year projects (projects fund balance), funds reallocated from programs delivered under-budget (programs fund balance), grants and partner funds, interest, and reimbursement of permit fees.

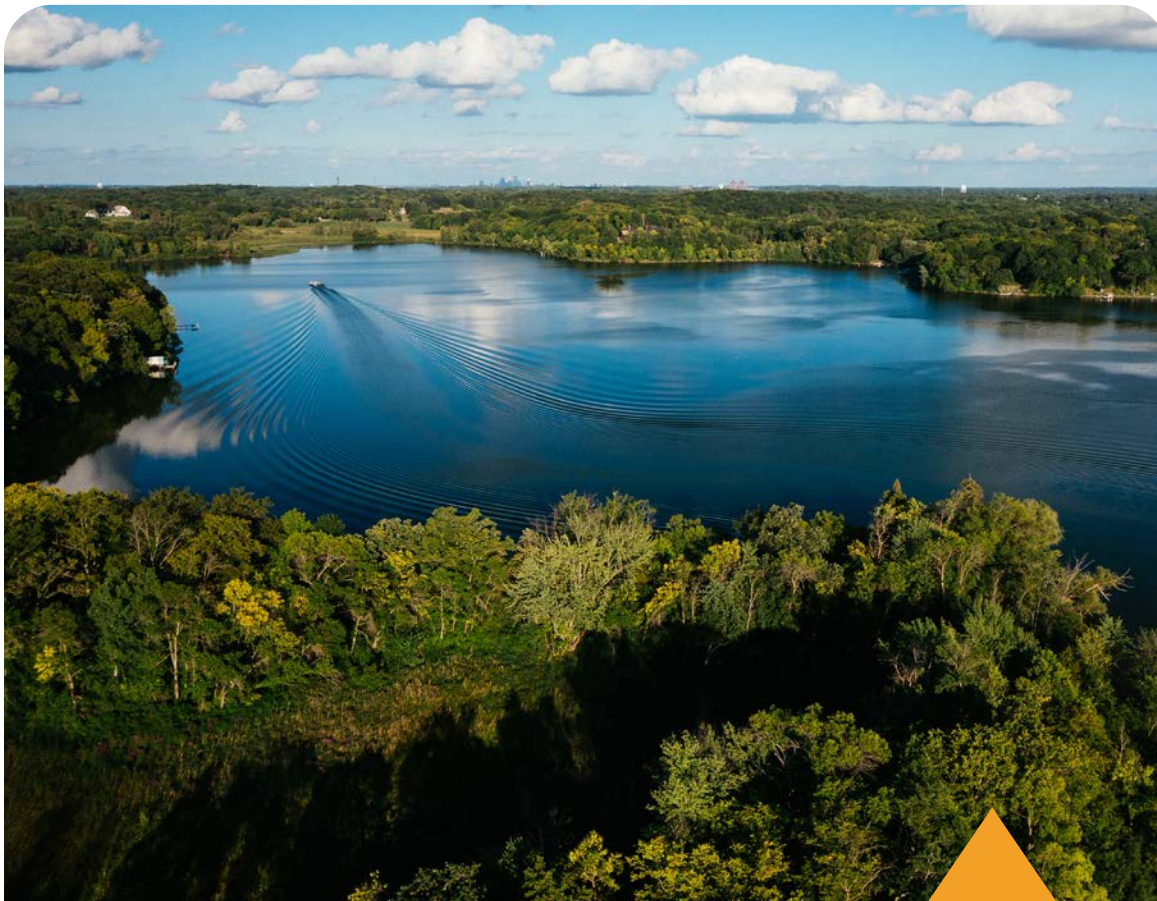
In 2024, we are maintaining a flat levy, which will support MCWD’s project implementation and the development of innovative policies that integrate land and water planning.

EXPENSES	2023	2024
Capital Projects	\$2,886,022	\$6,603,411
Capital Finance	\$4,212,718	\$1,099,868
Operations & Support Services	\$1,899,204	\$1,927,575
Research & Monitoring	\$1,454,612	\$1,493,634
Project Planning	\$902,544	\$955,636
Policy Planning	\$602,395	\$620,151
Project & Land Maintenance	\$970,543	\$689,926
Permitting	\$852,789	\$898,299
Outreach	\$527,826	\$507,757
TOTAL	\$14,309,193	\$14,796,255

REVENUE	2023	2024
Levy	\$9,869,513	\$9,869,513
Projects Fund Balance	\$2,302,284	\$2,105,893
Programs Fund Balance	\$1,622,397	\$1,759,659
Grants & Partner Funds	\$445,000	\$881,190
Interest & Fees	\$70,000	\$180,000
TOTAL	\$14,309,193	\$14,796,255



LAND & WATER PARTNERSHIPS



COLLABORATION AT A SUBWATERSHED SCALE

Since 2018, MCWD has worked closely with the cities of Medina, Long Lake, and Orono, and the Long Lake Waters Association to identify opportunities to improve water quality in the Long Lake Creek Subwatershed. In 2024, three project opportunities are being advanced by the partnership: an MCWD-led retrofit of a regional stormwater pond in Orono, planning for regional stormwater management in Long Lake with state grant funds, and a developer-led wetland restoration in Medina.

SHARED BENEFITS

We've learned that we can best achieve our mission of protecting natural resources by working with land use partners, whether it's through a private development, park improvement, or municipal infrastructure project. As a regional agency, we've developed new ways to support our partners' goals and projects by applying our expertise in concept design, planning, permitting, and project management.

CRAFTING SYSTEMS TOGETHER

Throughout 2022 and 2023, we conducted a robust engagement process through our Land & Water Partnership Initiative to vet improvements to the permitting program, shape MCWD's new Land & Water Partnership (LWP) program and identify ways to strengthen coordination. MCWD's new permitting rules and LWP program, designed with input from a technical advisory committee of representatives from our communities, are set to launch in early 2024.

A PATHWAY FOR PARTNERSHIP

The LWP program creates opportunity for partners to connect with us early in project planning and budgeting processes. We are ready to work creatively to provide technical and financial assistance on public and private projects by integrating qualifying projects into our Capital Improvement Plan.

By engaging early and collaboratively, MCWD also leverages the permitting process as an opportunity to provide service, grow relationships, and find mutual value in partnership.

SIX MILE CREEK - HALSTED BAY SUBWATERSHED

The Six Mile Creek - Halsted Bay Subwatershed (SMCHB) is a water resource rich system that forms the headwaters of Lake Minnetonka and Minnehaha Creek. Five lakes within SMCHB are impaired by excess nutrients and Halsted Bay is the most degraded in Lake Minnetonka.

PARTNERSHIPS

MCWD worked with communities to develop the SMCHB Plan, a collaborative vision to improve water quality and natural resources while integrating local goals around infrastructure, community development, and parks, recreation, and open space planning.

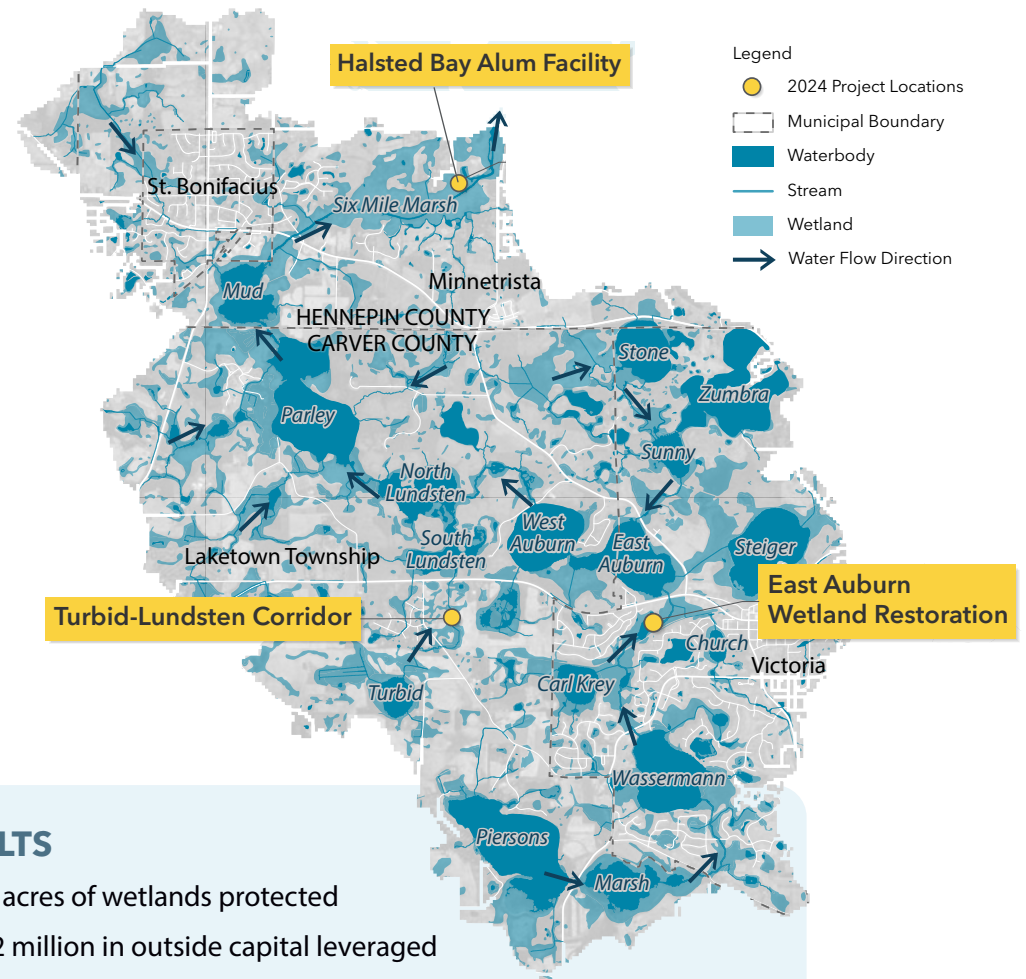
STRATEGY

- Restore wetlands to reduce phosphorus and improve habitat
- Reduce phosphorus by controlling in-lake nutrients
- Implement stormwater management with cities & developers
- Restore lake habitat by managing carp populations

WORK TO DATE

We have worked closely with the City of Victoria and other partners to restore Wassermann Lake, an impaired waterbody. Completed projects include a system wide carp management program, restoration of a 20-acre wetland in partnership with a private developer, and alum treatments of Wassermann Lake and an adjacent pond.

The restored lake can be enjoyed from the Wassermann Lake Preserve, a flagship project completed in 2021. The waterfront park, situated on the Wassermann shoreline, features restored native upland, shoreline, and stream channel habitat, provides unique nature-based amenities, and became the first waterfront park in Victoria, the “City of Lakes and Parks.”



RESULTS

- 124 acres of wetlands protected
- \$1.2 million in outside capital leveraged
- 545 lbs/yr of nutrient loading reduction
- 190 acres of publicly accessible green space created
- 275,000 lbs of common carp reduced across 14 lakes
- 2,488 acres of deep and shallow lake habitat restored
- 25% improvement of nutrient concentrations in Six Mile Creek
- Wasserman Lake on track to be removed from State impaired list

SIX MILE CREEK - HALSTED BAY SUBWATERSHED 2024 ACTIVITIES

EAST AUBURN WETLAND RESTORATION

MCWD recently completed a feasibility assessment to determine project opportunities for the wetland system between Wassermann and East Auburn Lake. East Auburn is impaired for nutrients, and this wetland system has been identified as a major source. The restoration of this wetland will address the system's legacy pollution by reducing nutrients by up to 135 lbs/yr and inform the design of future wetland restoration projects to improve the watershed's resources.

Right: The East Auburn Wetland complex, between Wassermann and East Auburn Lakes, is a major source of nutrients in the subwatershed. Below: Six Mile Creek flows through the Six Mile Marsh before flowing into Halsted Bay on Lake Minnetonka.



TURBID-LUNDSTEN CORRIDOR

This degraded wetland system presents a unique opportunity to create a contiguous wetland and habitat corridor while reducing nutrient levels in both Turbid and Lundsten Lakes. The project could restore up to 95 acres of wetland and reduce nutrient loading to Turbid and South Lundsten Lakes by 35 and 55 lbs/yr, respectively. This restored corridor would be an asset in the future Victoria Greenway, which aims to create a connected system of parks and open space as development progresses south and west.

LAKE MINNETONKA - HALSTED BAY ALUM FACILITY

MCWD is exploring the feasibility of a water quality treatment facility at the mouth of Six Mile Creek that would remove dissolved phosphorus from the stream before it enters Halsted Bay. This facility could remove 1,620 lbs/yr, approximately 50 percent of the nutrient load to Halsted Bay.

MINNEHAHA CREEK SUBWATERSHED

Minnehaha Creek flows nearly 23 miles from Lake Minnetonka and collects stormwater from Minnetonka, Hopkins, St. Louis Park, Edina, Richfield, and Minneapolis, before it makes its way into the Mississippi River.

The creek suffers from:

- A fragmented riparian corridor
- Altered stream channels at risk of flooding
- Polluted stormwater runoff
- Degraded water quality in downstream Lake Hiawatha
- Impairments for E. coli, chloride, and dissolved oxygen

PARTNERSHIPS

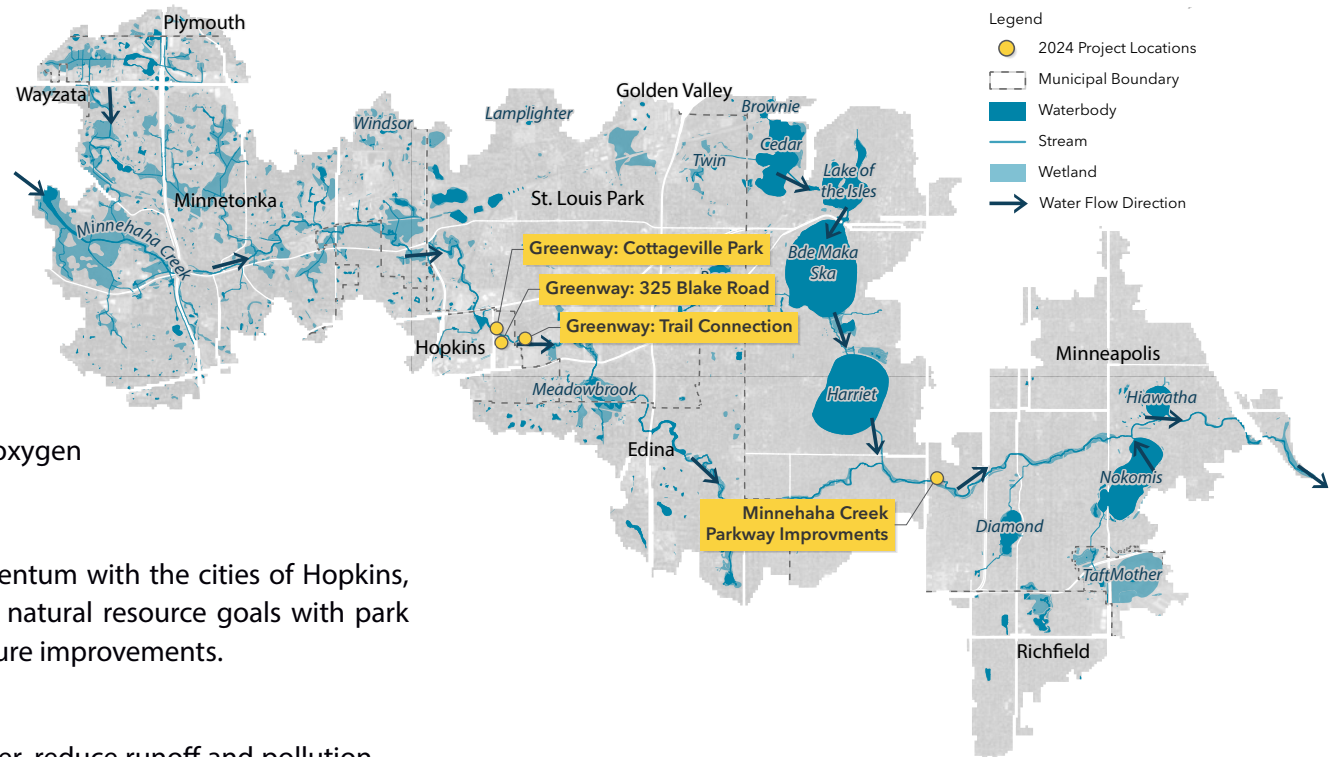
We have developed strong relationships and momentum with the cities of Hopkins, St. Louis Park, Edina, and Minneapolis to integrate natural resource goals with park planning, community development, and infrastructure improvements.

STRATEGY

- Manage regional stormwater to slow down water, reduce runoff and pollution entering the creek, and decrease flood risk
- Restore the creek to reduce bank erosion, slow down water, and improve habitat while increasing opportunities for public access and economic development
- Restore and connect ecological corridors to maximize green space, enhance habitat, increase flood storage, and improve resilience

WORK TO DATE

Over the past decade, MCWD has worked with partners to re-meander sections of Minnehaha Creek, implement stormwater management, and create new trail systems and recreation opportunities along the Minnehaha Creek Greenway in Hopkins and St. Louis Park. After years of flooding degraded streambank along the creek, MCWD leveraged funds from the Federal Emergency Management Agency (FEMA) to repair damage along the creek as it flows through Minneapolis. In 2022, MCWD also partnered with the City of Edina to restore Arden Park and improve the health of Minnehaha Creek.



RESULTS

- 19 percent reduction in phosphorus levels in Lake Hiawatha
- Creek chlorophyll-a concentrations meet state standards
- 109 acres of newly accessible green space
- 30 acres of restored wetlands
- 150+ lbs of phosphorus removed per year
- \$4.6 million in outside capital leveraged
- 2.3 miles of new trails and boardwalk
- 1.5 miles of restored creek/banks

MINNEHAHA CREEK SUBWATERSHED 2024 ACTIVITIES

STITCHING THE GREENWAY TOGETHER

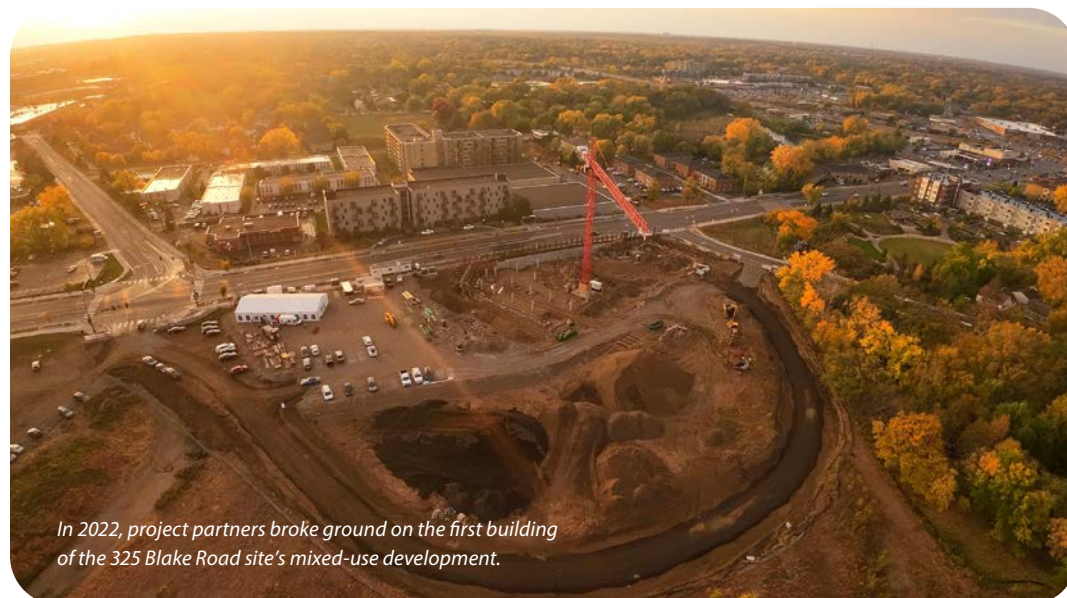
Over the past decade, MCWD has focused along the most degraded stretch of Minnehaha Creek to build projects that improve water quality and create a sense of place for communities. MCWD's 325 Blake Road project will be the capstone of the Minnehaha Creek Greenway, a 2-mile stretch of continuous greenspace between Hopkins and St. Louis Park. This project will feature riparian restoration, recreational amenities, and regional stormwater treatment.

In partnership with the City of Hopkins and private developer Alatus, approximately 12 acres of 325 Blake Road will be transformed into a transit-oriented mixed-use development. The completed site will treat stormwater from 270 acres of the surrounding communities and reduce phosphorus by up to 385 pounds per year. In 2024, MCWD will begin the early phases of construction on the 325 Blake Road project and the expansion of Cottageville Park.

The Southwest Light Rail Transit (LRT) line provides another opportunity to connect communities in this revitalized corridor. In partnership with the City of St. Louis Park and the Metropolitan Council, a key connection will link investments along the Minnehaha Creek Greenway trail system to the Cedar Regional Trail and restore the streambank along the corridor.



Improvements along Minnehaha Parkway will improve the water resources of the Minneapolis area, including Minnehaha Creek and Lake Hiawatha.



In 2022, project partners broke ground on the first building of the 325 Blake Road site's mixed-use development.

IMPROVING RESOURCES ALONG THE PARKWAY

In 2020, the Minneapolis Park and Recreation Board, in coordination with the City of Minneapolis and MCWD, adopted a 30-year vision and plan for the Minnehaha Creek Regional Trail. Now four years later, MCWD, the MPRB and the City of Minneapolis are in the early stages of planning at least three projects over the next several years that will transform this critical natural space in south Minneapolis.

The proposed projects include strategies to manage and treat regional stormwater and restore the creek to improve its ecology, water quality, and adjacent infrastructure. The proposed improvements will also improve water quality in the creek's receiving water body, Lake Hiawatha, which is impaired with excess nutrients.

A DATA DRIVEN STRATEGY FOR RESILIENCE

ADAPTING TO A CHANGING CLIMATE

Water systems throughout Minnesota were built for stable, predictable precipitation patterns. New extreme swings in precipitation are stressing our natural and built environments, impacting water quality, wildlife habitat, and the safety of homes, public infrastructure, and businesses. In 2023, MCWD adopted its Climate Action Framework, a roadmap for building resilience across the watershed.

The Climate Action Framework identifies three pillars for our new approach: Understand & Predict, Convene & Plan, and Implement, Measure, & Adapt. In 2024, MCWD is poised to advance its understanding of how changing weather patterns will impact water issues in communities by building a high-resolution model of the watershed. This new model will leverage advancements in data science and combine state land surface information with local infrastructure to provide a more detailed understanding of surface and groundwater flows in the watershed.

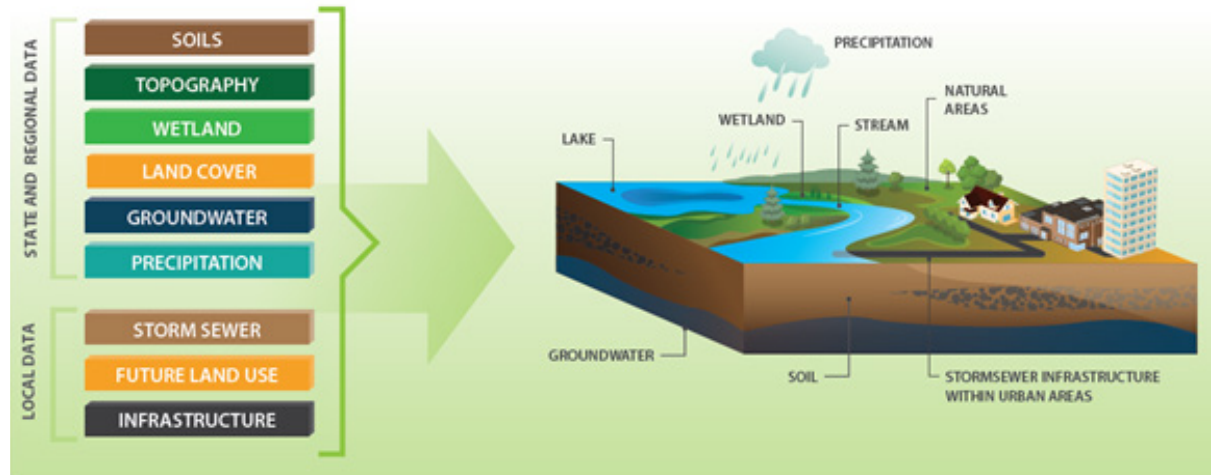
A COLLABORATIVE APPROACH

With a foundation built on sound science, MCWD will engage technical experts, policymakers, and communities in 2024 to shape our next Watershed Management Plan, which will identify strategies to address the impacts of climate change in the watershed.

CLIMATE ACTION FRAMEWORK



MCWD'S 2-D WATERSHED-WIDE MODEL



OUTPUTS

- High-resolution understanding of complex watershed
- Predict impact of changing climate
- Identify natural resources most in need of protection
- Quantitatively compare proposed projects
- Improve flood forecasting and emergency response

MCWD recently received funding from the Legislative Citizens Commission on Minnesota Resources (LCCMR) to build the 2-D watershed-wide model (left).

WATERSHED-WIDE SERVICES

In our commitment to serve partners and residents across the watershed's 178-square miles, we provide a variety of services that assist in clean water work to complement our work in focal geographies and through land and water partnerships.

BUILDING COLLECTIVE UNDERSTANDING

MCWD continues to expand its network of real-time sensors (RESNET), which capture live water data to characterize how water moves throughout the watershed, even with changing precipitation patterns. This data, collected in partnership with Hennepin County and the U.S. Geological Survey, enables MCWD to provide real-time water level information to partner agencies and the public. MCWD developed a machine learning model that uses remote sensing data from key RESNET locations to develop near-term water level forecasts, which support the optimization of the Gray's Bay Dam.



SERVICES

- **Research and Monitoring:** Collecting and analyzing data across the watershed to identify resource needs to inform planning and implementation.
- **Permitting:** Reviewing and overseeing construction activities, in coordination with our communities, to protect natural resources from degradation as a result of land use change.
- **Outreach:** Connecting people to information they value and engaging residents, agencies, and private sector partners to ensure that our work is integrated with the goals of our communities.
- **Project Maintenance and Land Management:** Maintaining our projects and land to ensure their continued function and value, and managing the operation of Gray's Bay Dam to balance the water budget throughout our 178-square miles and reduce the risk of flooding.

Find contact information for MCWD Board of Managers and staff across our programs:

www.minnehahacreek.org



MINNEHAHA CREEK
WATERSHED DISTRICT

Attachment 1 - DRAFT 2024 Budget-Revenue Summary

EXPENSES	2023	2024	2023-2024 Δ	% Change	Notes
Operations	\$1,899,204	\$1,927,575	\$ 28,371	1.5%	Includes General Operations, IT Plan Implementation, and Facility Improvements
Programs	\$5,311,250	\$5,165,401	\$ (145,848)	-2.7%	Costs and sources detailed in programs summary
Debt Service	\$4,212,718	\$1,099,868	\$ (3,112,850)	-73.9%	Scheduled debt service detailed in capital finance
Capital projects	\$2,886,022	\$6,603,411	\$ 3,717,389	128.8%	Costs and sources detailed in capital improvement plan
TOTAL	\$14,309,193	\$14,796,255	\$ 487,062	3.4%	
REVENUE					
REVENUE	2023	2024	2023-2024 Δ	% Change	Notes
Preliminary levy	\$9,869,513	\$9,869,513	\$ -	0.0%	Tax levy
Projects fund balance	\$2,299,090	\$2,105,893	\$ (193,197)	-8.4%	Funds levied in past years for multi-year projects
Programs fund balance	\$1,625,590	\$1,759,659	\$ 134,069	8.2%	Funds reallocated from programs delivered under budget or deprioritized activities
Grants and partner funds	\$445,000	\$881,190	\$ 436,190	98.0%	Includes only secured funds
Interest, permit fees, reimbursements	\$70,000	\$180,000	\$ 110,000	157.1%	Estimated based on previous fiscal years
TOTAL	\$14,309,193	\$14,796,255	\$ 487,062	3.4%	

Attachment 2 - DRAFT 2024 Operations and Programs Summary by Fund

Fund Code	Program/Fund	Past Expenditures				2023 Carryover Detail							2024 Budget and Revenue			2023-2024 Budget Change		Notes
		2021 Budget	2021 Actual	2022 Budget	2022 Actual	2022 EOY Audited Fund Balance	2023 Budget	2023 Estimated Expenditures	2023 Levy	2023 External Revenue ¹	Assigned (carried to future years)	Unassigned EOY Fund Balance (transferred to Capital Finance)	2024 Budget	2024 External Revenue ¹	2024 Levy Needs	\$ Change	% Change	
1002	General Operations	\$ 1,077,848	\$ 866,142	\$ 1,087,491	\$ 994,499	\$ 2,358,175	\$ 1,236,204	\$ 1,185,989	1,229,395	\$ 10,000	\$ -	\$ 2,411,581	\$ 1,254,725	\$ 120,000	\$ 1,134,725	\$ 18,521	1.5%	Ongoing changes and refinement of operational costs
1003	Information Technology	\$ 419,250	\$ 203,994	\$ 335,000	\$ 226,137	\$ 96,363	\$ 277,000	\$ 262,290	277,000	\$ -	\$ -	\$ 111,073	\$ 286,850	\$ -	\$ 286,850	\$ 9,850	3.6%	Completion of website and asset management software in 2023
1005	Facility Maintenance Plan	\$ 386,000	\$ 747	\$ 386,000	\$ -	\$ 385,253	\$ 386,000	\$ -	747	\$ -	\$ -	\$ 386,000	\$ 386,000	\$ -	\$ 386,000	\$ -	0.0%	Facility improvement to MCWD office placed on hold in 2023 due to staff capacity
Operations Subtotal		\$ 1,883,098	\$ 1,070,883	\$ 1,808,491	\$ 1,220,636	\$ 2,839,791	\$ 1,899,204	\$ 1,448,279	\$ 1,507,142	\$ 10,000	\$ -	\$ 2,908,654	\$ 1,927,575	\$ 120,000	\$ 1,807,575	\$ 28,371	1.5%	
2001	Permit Administration	\$ 718,617	\$ 741,954	\$ 738,644	\$ 939,061	\$ -	\$ 852,789	\$ 862,789	792,789	\$ 60,000	\$ -	\$ (10,000)	\$ 898,299	\$ 60,000	\$ 838,299	\$ 45,510	5.3%	No significant changes in programming. Reflects changes in personnel budget
2007	Rule Revisions	\$ -	\$ 21,167	\$ 87,251	\$ 42,997	\$ 44,254	\$ -	\$ 51,430	\$ -	\$ -	\$ -	\$ (7,176)	\$ -	\$ -	\$ -	\$ -	0.0%	Rule revision process completed in 2023
Permitting Subtotal		\$ 718,617	\$ 763,121	\$ 825,894	\$ 982,058	\$ 44,254	\$ 852,789	\$ 914,219	\$ 792,789	\$ 60,000	\$ -	\$ (17,176)	\$ 898,299	\$ 60,000	\$ 838,299	\$ 45,510	5.3%	
2002	Project Planning	\$ 1,178,645	\$ 1,090,005	\$ 1,226,937	\$ 1,035,899	\$ 187,395	\$ 902,544	\$ 836,544	902,545	\$ -	\$ -	\$ 253,396	\$ 955,636	\$ -	\$ 955,636	\$ 53,092	5.9%	No significant changes in programming. Reflects changes in personnel budget
2003	Project Maint. & Land Mgmt	\$ 957,806	\$ 524,991	\$ 1,974,212	\$ 743,073	\$ 1,403,609	\$ 970,543	\$ 2,096,173	970,544	\$ 560,000	\$ -	\$ 837,980	\$ 689,926	\$ -	\$ 689,926	\$ (280,617)	-28.9%	Due to relocation of stormwater pond maintenance dredging into CIP
200X	Policy Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 602,935	\$ 588,935	602,935	\$ -	\$ -	\$ 14,000	\$ 620,151	\$ -	\$ 620,151	\$ 17,215	2.9%	Changes based on completion of work in 2023 and ongoing calibration of program
Planning & Projects Subtotal		\$ 2,136,451	\$ 1,614,996	\$ 3,201,149	\$ 1,778,972	\$ 1,591,004	\$ 2,476,023	\$ 3,521,652	\$ 2,476,024	\$ 560,000	\$ -	\$ 1,105,376	\$ 2,265,712	\$ -	\$ 2,265,712	\$ (210,310)	-8.5%	
4001	Cynthia Krieg (discontinued program)	\$ -	\$ -	\$ -	\$ -	\$ 8,129	\$ -	\$ -	\$ -	\$ -	\$ 8,129	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	To be zeroed out and closed in 2024 budget process
4002	Outreach	\$ 401,247	\$ 208,679	\$ 516,665	\$ 298,092	\$ 166,597	\$ 527,826	\$ 470,826	527,826	\$ -	\$ -	\$ 223,597	\$ 507,757	\$ -	\$ 507,757	\$ (20,069)	-3.8%	Refinement based on past year's spending
4005	Cost Share (discontinued program)	\$ -	\$ -	\$ -	\$ -	\$ 405,799	\$ -	\$ -	\$ -	\$ -	\$ 405,799	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	Program discontinued. Funds assigned for awarded grants not disbursed.
Outreach Subtotal		\$ 401,247	\$ 208,679	\$ 516,665	\$ 298,092	\$ 580,525	\$ 527,826	\$ 470,826	\$ 527,826	\$ -	\$ 413,928	\$ 223,597	\$ 507,757	\$ -	\$ 507,757	\$ (20,069)	-3.8%	
5001	Research & Monitoring	\$ 1,127,260	\$ 622,476	\$ 1,164,580	\$ 788,127	\$ 218,743	\$ 1,062,112	\$ 1,119,421	1,454,613	\$ -	\$ -	\$ 553,935	\$ 951,384	\$ -	\$ 951,384	\$ (110,728)	-10.4%	Due to reduction of MCWD borne 2D modeling costs
5008	LCCMR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 392,500	\$ 195,750	\$ -	\$ 195,750	\$ -	\$ -	\$ 542,250	\$ 542,250	\$ -	\$ 149,750	38.2%	2024 represents 2 of 2 years of LCCMR funding for 2D model build
Research & Monitoring Subtotal		\$ 1,127,260	\$ 622,476	\$ 1,164,580	\$ 788,127	\$ 218,743	\$ 1,454,612	\$ 1,315,171	\$ 1,454,613	\$ 195,750	\$ -	\$ 553,935	\$ 1,493,634	\$ 542,250	\$ 951,384	\$ 39,022	2.7%	
Operations and Programs Total		\$ 6,266,672	\$ 4,280,155	\$ 7,516,779	\$ 5,067,885	\$ 5,274,317	\$ 7,210,453	\$ 7,670,147	\$ 6,758,394	\$ 825,750	\$ 413,928	\$ 4,774,386	\$ 7,092,976	\$ 722,250	\$ 6,370,726	\$ (117,477)	-1.6%	

Notes

¹External revenue includes interest (Fund 1002), permit fee reimbursement (2001), and LCCMR funding (5008).

Attachment 3 - DRAFT 2024 Operations & Support Services Budget Summary

General Operations (1002)				Notes			
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change	
Staff Expenses	\$ 7,500	\$ 14,000	\$ (6,500)	Staff Expenses	\$ 20,000	\$ 12,500	Includes planned tuition reimbursement
Manager Expenses	\$ 58,500	\$ 58,500	\$ -	Manager Expenses	\$ 58,500	\$ -	
Building and Operating Expenses	\$ 130,000	\$ 130,000	\$ -	Building and Operating Expenses	\$ 136,500	\$ 6,500	Vehicle replacement scheduled for 2023 will be moved to 2024
Office Building Debt Service	\$ 104,924	\$ 104,924	\$ -	Office Building Debt Service	\$ 104,924	\$ -	
Vehicles	\$ 35,000	\$ 5,000	\$ 30,000	Vehicles	\$ 38,500	\$ 3,500	Estimated increase in accounting services
Contracted Services	\$ 35,000	\$ 35,000	\$ -	Contracted Services	\$ 45,000	\$ 10,000	
Accounting & Auditing	\$ 114,000	\$ 114,000	\$ -	Accounting & Auditing	\$ 120,000	\$ 6,000	Estimated increase in engineering retainer
Engineering	\$ 69,600	\$ 69,600	\$ -	Engineering	\$ 73,800	\$ 4,200	
Legal	\$ 90,000	\$ 80,000	\$ 10,000	Legal	\$ 80,000	\$ (10,000)	Lowering based on year-over-year average
Insurance	\$ 77,000	\$ 66,085	\$ 10,915	Insurance	\$ 70,500	\$ (6,500)	
Other/Misc Expenses	\$ 10,000	\$ 10,000	\$ -	Other/Misc Expenses	\$ 10,000	\$ -	One-time cost every 5 years
Class and Comp Study	\$ 40,000	\$ 34,200	\$ -	Class and Comp Study	\$ -	\$ (40,000)	
Personnel	\$ 464,680	\$ 464,680	\$ -	Personnel	\$ 497,001	\$ 32,321	
Total	\$ 1,236,204	\$ 1,185,989	\$ 44,415	Total	\$ 1,254,725	\$ 18,521	
Information Technology (1003)							
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change	
Strategic IT Plan				Strategic IT Plan			
Asset Management System	\$ 20,000	\$ 18,000	\$ 2,000	Asset Management System	\$ -	\$ (20,000)	2023 asset management implementation for Capital Projects
Financial/Accounting System	\$ -	\$ -	\$ -	Financial/Accounting System	\$ 58,850	\$ 58,850	Implementation of accounting/financial software
Project Management System	\$ -	\$ -	\$ -	Project Management System	\$ 20,000	\$ 20,000	Early 2024 implementation of project/resource planning and management software
Permitting Phase II Enhancements	\$ 25,000	\$ 40,000	\$ (15,000)	Permitting Phase II Enhancements	\$ -	\$ (25,000)	Enhancements to permitting software platform to support rule revisions, general permit track
Website Redesign				Website Redesign			
Website redesign	\$ 15,000	\$ 24,290	\$ (9,290)	Website redesign	\$ -	\$ (15,000)	Carryover for website rebuild finalization + website enhancements
Program Administration				Program Administration			
Contracted Services	\$ 95,000	\$ 80,000	\$ 15,000	Contracted Services	\$ 85,000	\$ (10,000)	Base managed services (IT, website, offsite backup storage)
IT Equipment	\$ 30,000	\$ 25,000	\$ 5,000	IT Equipment	\$ 25,000	\$ (5,000)	Annual work station replacements + misc tech/equipment
Licenses	\$ 92,000	\$ 75,000	\$ 17,000	Licenses	\$ 98,000	\$ 6,000	Estimated increase on existing software licenses + new software licenses
Total	\$ 277,000	\$ 262,290	\$ 14,710	Total	\$ 286,850	\$ 9,850	
Facility Maintenance Plan (1005)							
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change	
Engineering/Consulting	\$ 10,000	\$ -	\$ 10,000	Engineering/Consulting	\$ 10,000	\$ -	Do not anticipate work on this project in 2023 due to staff capacity, carrying over into 2024.
Facility Improvements	\$ 376,000	\$ -	\$ 376,000	Facility Improvements	\$ 376,000	\$ -	
Total	\$ 386,000	\$ -	\$ 386,000	Total	\$ 386,000	\$ -	

Attachment 4 - DRAFT 2024 Permitting Budget Summary

Permit Administration (2001)							Notes
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change	
Permit Review				Permit Review			
Permit Review Engineering	\$ 230,000	\$ 240,000	\$ (10,000)	Permit Review Engineering	\$ 240,000	\$ 10,000	Based on 5-year average
Legal Expense	\$ 55,000	\$ 55,000	\$ -	Legal Expense	\$ 55,000	\$ -	
Program Administration				Program Administration			
General Engineering	\$ 25,000	\$ 25,000	\$ -	General Engineering	\$ 25,000	\$ -	Non permit related, special project engineering analysis (e.g. assessing policy question)
Staff Mileage/Expenses	\$ 5,000	\$ 5,000	\$ -	Staff Mileage/Expenses	\$ 5,000	\$ -	
Staff Training	\$ 10,000	\$ 10,000	\$ -	Staff Training	\$ 10,000	\$ -	
Printing/Postage	\$ 5,000	\$ 5,000	\$ -	Printing/Postage	\$ 5,000	\$ -	
Equipment & Supplies/Other	\$ 2,500	\$ 2,500	\$ -	Equipment & Supplies/Other	\$ 2,500	\$ -	
Personnel	\$ 520,289	\$ 520,289	\$ -	Personnel	\$ 555,799	\$ 35,510	
Total	\$ 852,789	\$ 862,789	\$ (10,000)	Total	\$ 898,299	\$ 45,510	
Rule Revisions (2007)							
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change	
Program Alignment				Program Alignment			
	\$ -	\$ 51,430	\$ (51,430)		\$ -	\$ -	Completed in 2023
Total	\$ -	\$ 51,430	\$ (51,430)	Total	\$ -	\$ -	

Attachment 5 - DRAFT 2024 Project Planning Budget Summary

Project Planning (2002)							Notes
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change	
Minnehaha Creek Planning				Minnehaha Creek Planning			
Minnehaha Parkway	\$ 85,000	\$ 85,000	\$ -	Minnehaha Parkway	\$ 75,000	\$ (10,000)	Continued partnership development, joint implementation process, and feasibility exploration in MPLS
Minnehaha Creek Greenway	\$ 15,000	\$ 15,000	\$ -	Minnehaha Creek Greenway	\$ 25,000	\$ 10,000	Technical exploration and partnership engagement for remaining Greenway efforts
Six Mile Creek-Halsted Bay Planning				Six Mile Creek-Halsted Bay Planning			
Turbid-Lundsten Corridor	\$ 45,000	\$ 15,000	\$ 30,000	Turbid-Lundsten Corridor	\$ 80,000	\$ 35,000	Initiate partner and landowner engagement, feasibility exploration and concept visualization
Halsted Bay Watershed Load Management	\$ 80,000	\$ 50,000	\$ 30,000	Halsted Bay Watershed Load Management	\$ 55,000	\$ (25,000)	Technical exploration, partnership development, agreements and preliminary concept efforts
Program Administration				Program Administration			
General Engineering and Legal	\$ 40,000	\$ 40,000	\$ -	General Engineering and Legal	\$ 40,000	\$ -	
Training	\$ 4,400	\$ 1,760	\$ 2,640	Training	\$ 4,400	\$ -	
Expenses/Mileage	\$ 5,600	\$ 2,240	\$ 3,360	Expenses/Mileage	\$ 5,600	\$ -	
Printing/Publishing/Postage	\$ 1,000	\$ 1,000	\$ -	Printing/Publishing/Postage	\$ 1,000	\$ -	
Other/Miscellaneous	\$ 1,500	\$ 1,500	\$ -	Other/Miscellaneous	\$ 1,500	\$ -	
Personnel	\$ 625,044	\$ 625,044	\$ -	Personnel	\$ 668,136	\$ 43,092	
Total	\$ 902,544	\$ 836,544	\$ 66,000		\$ 955,636	\$ 53,092	

Attachment 6 - DRAFT 2024 Policy Planning Budget Summary

Policy Planning (2008)							Notes
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change	
Policy Development				Policy Development			
Land & Water Partnership	\$ 75,000	\$ 75,000	\$ -	Land & Water Partnership	\$ 90,000	\$ 15,000	Concept development and feasibility work for project opportunities, increasing for program rollout in 2023
DEI planning/training	\$ 54,000	\$ 45,000	\$ 9,000	DEI planning/training	\$ 9,000	\$ (45,000)	Consultant support for diversity, equity, inclusion planning, engagement, and training
2027 Plan/Climate planning	\$ 15,000	\$ 10,000	\$ 5,000	2027 Plan/Climate planning	\$ 15,000	\$ -	Consultant support for watershed plan engagement and climate planning
Advisory committee expenses	\$ 1,000	\$ 1,000	\$ -	Advisory committee expenses	\$ 7,500	\$ 6,500	Consultant support for meeting planning, facilitation, minutes; food and rental expenses
Program Administration				Program Administration			
General Engineering and Legal	\$ 10,000	\$ 10,000	\$ -	General Engineering and Legal	\$ 20,000	\$ 10,000	Increased based on past spending (e.g. local water plan amendments, watershed-based funding policy, boundary changes)
Staff mileage & expenses	\$ 3,300	\$ 3,300	\$ -	Staff mileage & expenses	\$ 4,400	\$ 1,100	Increased for new Policy Planner position
Staff training	\$ 2,700	\$ 2,700	\$ -	Staff training	\$ 3,600	\$ 900	Increased for new Policy Planner position
Printing/Publishing/Postage	\$ 500	\$ 500	\$ -	Printing/Publishing/Postage	\$ 500	\$ -	
Personnel	\$ 441,435	\$ 441,435	\$ -	Personnel	\$ 470,151	\$ 28,715	
Total	\$ 602,935	\$ 588,935	\$ 14,000		\$ 620,151	\$ 17,215	

Attachment 7 - DRAFT 2024 Project Maintenance & Land Management Budget Summary

Project Maintenance and Land Management (2003)							Notes
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change	
Project Maintenance				Project Maintenance			
Stormwater Pond Analysis	\$ 82,000	\$ 44,200	\$ 37,800			\$ (82,000)	Pond dredging costs relocated to CIP
Boardwalk	\$ 234,570	\$ 1,370,000	\$ (1,135,430)			\$ (234,570)	
Vegetation Maintenance	\$ 170,000	\$ 190,000	\$ (20,000)	Vegetation Maintenance	\$ 190,000	\$ 20,000	
General	\$ 10,000	\$ 5,000	\$ 5,000	General	\$ 10,000	\$ -	2023: \$5k for barn structural engineering assesment
				Flood Action Plan	\$ 29,475	\$ 29,475	
				Cottageville Park Lifecycle Retrofits	\$ 70,000	\$ 70,000	Potential cost-share on design of maintenance with City of Hopkins for Cottageville Park stormwater
Program Administration				Program Administration			
Engineering and Legal Expenses	\$ 90,000	\$ 103,000	\$ (13,000)	Engineering and Legal Expenses	\$ 24,000	\$ (66,000)	2023 budget included litigation and construction oversight costs for Boardwalk
Printing and Publishing Materials	\$ 500	\$ 500	\$ -	Printing and Publishing Materials	\$ 500	\$ -	
Staff Expenses, Trainings, and Mileage	\$ 4,000	\$ 4,000	\$ -	Staff Expenses, Trainings, and Mileage	\$ 4,000	\$ -	
Equipment and Supplies	\$ 500	\$ 500	\$ -	Equipment and Supplies	\$ 500	\$ -	
Personnel	\$ 378,973	\$ 378,973	\$ -	Personnel	\$ 361,451	\$ (17,522)	
Total	\$ 970,543	\$ 2,096,173	\$ (1,125,630)		\$ 689,926	\$ (280,617)	

Attachment 8 - DRAFT 2024 Outreach Budget Summary

Outreach (4002)				Notes		
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change
Strategic Advice				Strategic Advice		
Communications advisors	\$ 30,000	\$ 30,000	\$ -	Communications advisors	\$ 30,000	\$ -
Subject matter experts	\$ 5,000	\$ 5,000	\$ -	Subject matter experts	\$ 5,000	\$ -
Campaigns for Key Initiatives				Campaigns for Key Initiatives		
Land & Water Partnership Program	\$ 8,000	\$ 8,000	\$ -	Land & Water Partnership Program	\$ 2,000	\$ (6,000)
Rules Revision	\$ 8,000	\$ 8,000	\$ -	Rules Revision	\$ 2,000	\$ (6,000)
Long Lake Creek Roadmap Engagement	\$ 5,000	\$ 5,000	\$ -	Long Lake Creek Projects	\$ 5,000	\$ -
2027 Plan and Climate Engagement	\$ 15,000	\$ 2,000	\$ 13,000	2027 Plan and Climate Engagement	\$ 15,000	\$ -
Turbid Lundsten Communications & Engagement	\$ 15,000	\$ 5,000	\$ 10,000	East Auburn Wetland Restoration and Turbid Lundsten Corridor Outreach	\$ 10,000	\$ (5,000)
Halsted Alum Facility Communications & Engagement	\$ 15,000	\$ 5,000	\$ 10,000	Halsted Alum Facility Outreach	\$ 15,000	\$ -
Southwest Light Rail Stream & Trail Project Outreach	\$ 5,000	\$ 5,000	\$ -	Southwest Light Rail Stream & Trail Project Outreach	\$ 5,000	\$ -
325 Blake Road Communications	\$ 15,000	\$ 10,000	\$ 5,000	325 Blake Road Communications	\$ 15,000	\$ -
Minnehaha Parkway Communications & Engagement	\$ 10,000	\$ 10,000	\$ -	Minnehaha Parkway Communications & Engagement	\$ 10,000	\$ -
Baseline SMCHB engagement / comms needs	\$ 5,000	\$ 5,000	\$ -	Baseline SMCHB engagement / comms needs	\$ -	\$ (5,000)
Baseline Minnehaha Creek engagement / comms needs	\$ 5,000	\$ 5,000	\$ -	Baseline Minnehaha Creek engagement / comms needs	\$ -	\$ (5,000)
Miscellaneous				Miscellaneous	\$ -	\$ -
Broad-based Communications				Broad-based Communications		
District-wide communications creation	\$ 10,000	\$ 10,000	\$ -	District-wide communications and media creation	\$ 16,000	\$ 6,000
Signage & interpretation maintenance and creation	\$ 3,000	\$ 3,000	\$ -	Signage & interpretation maintenance and creation	\$ 3,000	\$ -
Baseline Engagement				Baseline Engagement		
Citizens Advisory Committee	\$ 1,000	\$ 1,000	\$ -	Citizens Advisory Committee	\$ 3,000	\$ 2,000
Clean Water Outreach & Education	\$ 15,000	\$ 6,000	\$ 9,000	Clean Water Outreach & Education	\$ 13,000	\$ (2,000)
Government Relations	\$ 30,000	\$ 30,000	\$ -	Government Relations	\$ 30,000	\$ -
Program Administration				Program Administration		
Operations implementation	\$ 5,000	\$ 5,000	\$ -	Operations implementation	\$ -	\$ (5,000)
Staff mileage & expenses	\$ 2,000	\$ 1,000	\$ 1,000	Staff mileage & expenses	\$ 2,000	\$ -
Staff training	\$ 15,000	\$ 6,000	\$ 9,000	Staff training	\$ 15,000	\$ -
Legal fees	\$ 3,000	\$ 3,000	\$ -	Legal fees	\$ 3,000	\$ -
Dues & subscriptions	\$ 4,000	\$ 4,000	\$ -	Dues & subscriptions	\$ 4,000	\$ -
Personnel	\$ 298,826	\$ 298,826	\$ -	Personnel	\$ 304,757	\$ 5,931
Total	\$ 527,826	\$ 470,826	\$ 57,000		\$ 507,757	\$ (20,069)

Attachment 9 - DRAFT 2024 Research & Monitoring Budget Summary

Research & Monitoring (5001)				Notes		
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change
Watershed-wide Monitoring				Watershed-wide Monitoring		
Stream, Lake, and stormwater laboratory budget	\$ 58,300	\$ 58,300	\$ -	Stream, Lake, and stormwater laboratory budget	\$ 61,215	\$ 2,915
USGS gauge management & stormwater analysis	\$ 25,230	\$ 25,230	\$ -	USGS gauge management & stormwater analysis	\$ 25,230	\$ -
Responsive monitoring/analysis	\$ 33,500	\$ 33,500	\$ -	Responsive monitoring/analysis	\$ 33,500	\$ -
Minnehaha Creek Subwatershed Monitoring				Minnehaha Creek Subwatershed Monitoring		
Arden Park Project Monitoring	\$ 2,000	\$ -	\$ 2,000	Arden Park Project Monitoring	\$ 2,000	\$ -
Six Mile Creek-Halsted Bay Monitoring				Six Mile Creek-Halsted Bay Monitoring		
Ongoing Carp Project Maintenance	\$ 75,000	\$ 75,000	\$ -	Ongoing Carp Project Maintenance	\$ 75,000	\$ -
Wassermann Lake Sediment Monitoring	\$ 15,000	\$ 15,000	\$ -	Wassermann Lake Sediment Monitoring	\$ -	\$ (15,000)
Contract Services	\$ 30,000	\$ 30,000	\$ -	Contract Services	\$ 30,000	\$ -
2D Modeling				2D Modeling		
Pilot Model Build to inform Watershed Model	\$ -	\$ 64,309	\$ (64,309)	Pilot Model Build to inform Watershed Model	\$ -	\$ -
District Engineer Support for 2D Model	\$ 15,000	\$ 15,000	\$ -	District Engineer Support for 2D Model	\$ 15,000	\$ -
Legal Support for 2D model	\$ 30,000	\$ 15,000	\$ 15,000	Legal Support for 2D model	\$ 15,000	\$ (15,000)
Build 2D Watershed Model	\$ 123,500	\$ 123,500	\$ -	Build 2D Watershed Model	\$ -	\$ (123,500)
Modeling to Support Dam Management				Modeling to Support Dam Management		
Watershed Machine Learning Modeling	\$ -	\$ 10,000	\$ (10,000)	Watershed Machine Learning Modeling	\$ -	\$ -
Program Administration				Program Administration		
Equipment/Supplies	\$ 30,000	\$ 30,000	\$ -	Equipment/Supplies	\$ 30,000	\$ -
Repairs/maintenance	\$ 15,000	\$ 15,000	\$ -	Repairs/maintenance	\$ 15,000	\$ -
Utilities	\$ 10,000	\$ 10,000	\$ -	Utilities	\$ 10,000	\$ -
Boat Expenses	\$ 5,000	\$ 5,000	\$ -	Boat Expenses	\$ 5,000	\$ -
Publishing/Postage	\$ 2,000	\$ 2,000	\$ -	Publishing/Postage	\$ 2,000	\$ -
Engineering/Consulting	\$ 15,000	\$ 15,000	\$ -	Engineering/Consulting	\$ 15,000	\$ -
Legal	\$ 5,000	\$ 5,000	\$ -	Legal	\$ 5,000	\$ -
Staff Training	\$ 15,000	\$ 15,000	\$ -	Staff Training	\$ 5,000	\$ (10,000)
Staff/meeting expenses	\$ 8,000	\$ 8,000	\$ -	Staff/meeting expenses	\$ 8,000	\$ -
Dues/subscriptions	\$ 4,000	\$ 4,000	\$ -	Dues/subscriptions	\$ 4,000	\$ -
Personnel	\$ 545,582	\$ 545,582	\$ -	Personnel	\$ 595,439	\$ 49,857
Total	\$ 1,062,112	\$ 1,119,421	\$ (57,309)	Total	\$ 951,384	\$ (110,728)
LCCMR Funded 2D Watershed Wide Model (5008)						
2023 Activity/Expense	2023 Budget	2023 Estimated Expenditures	2023 Generated Carryover	2024 Activity/Expense	2024 Budget	2023-2024 Budget Change
LCCMR funded 2D Watershed Wide Model				LCCMR funded 2D Watershed Wide Model		
LCCMR funded 2D Watershed Wide Model	\$ 392,500	\$ 195,750	\$ 196,750	LCCMR funded 2D Watershed Wide Model	\$ 542,250	\$ 149,750
Total	\$ 392,500	\$ 195,750	\$ 196,750	Total	\$ 542,250	\$ 149,750

Efficacy monitoring for Arden Park

2024 will continue to calibrate maintenance costs. Eventually to be shifted to Project Maintenance
Efficacy monitoring for Wasserman Lake Alum. Will determine if a final dosing is needed.

Pilot model concludes in 2023. Final Report in July-August 2023

2023 third prty review and validation of machine learning model for predictions and forecasts

LCCMR funded 2D watershed model development

Attachment 10 - DRAFT 2024 Capital Improvement Plan Budget

Project/Phase for 2023			2023 Carryover Detail								2024 Budget and Revenue		
Fund Code	Subwatershed	Project Name	2022 EOY Balance	2023 Budget	2023 Estimated Expenditures	2023 Levy	2023 External Revenue	Assigned (carried to future years)	2023 EOY Transfers (to)/ from Capital Finance	Unassigned EOY Fund Balance	2024 Budget	2024 External Revenue (secured)	2024 Levy Needs
Land & Water Partnership Program													
3500	Gleason - Wayzata	Maple Creek Pond Improvement	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3501	Painter - Jennings	Morningside Ravine Stabilization	\$ -	\$ -	\$ 79,200	\$ -	\$ 79,200	\$ -	\$ -	\$ -	\$ 164,000	\$ 164,000	\$ -
3502	Long Lake - Tanager	Holbrook Park Regional Stormwater Treatment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000	\$ -	\$ 174,940	\$ 174,940	\$ -
Project Maintenance													
XXXX	Mpls. Chain of Lakes	Stormwater Pond Maintenance Dredging							\$ -	\$ -	\$ 1,370,000		\$ 1,370,000
Completed (to be closed)													
3106	Six Mile - Halsted	Six Mile Marsh Prairie Restoration (Trail)	\$ 150,725	\$ -	\$ 150,725	\$ -			\$ -	\$ -			\$ -
3156	Six Mile - Halsted	Wassermann Internal Load Management	\$ 2,149	\$ -	\$ 7,526	\$ -			\$ 5,377	\$ -			\$ -
3148	Mpls. Parkway	FEMA Flood Repairs	\$ 8,475	\$ -		\$ -			\$ (8,475)	\$ -			\$ -
Warranty Phase													
3153	Six Mile - Halsted	Wasserman West	\$ 24,747	\$ 10,737	\$ 10,737	\$ -			\$ (3,273)	\$ 10,737	\$ 10,737		\$ -
Design/Construction													
3145	Minnehaha Greenway	325 Blake Stormwater and Demo	\$ 3,864,317	\$ 1,632,285	\$ 250,000	\$ -	\$ 320,000	\$ 2,000,000	\$ 365,683	\$ 2,300,000	\$ 2,300,000		\$ -
3146	Minnehaha Greenway	Cottageville Park Phase II	\$ 1,282,054	\$ 650,000	\$ 15,000	\$ -		\$ 400,000	\$ 44,027	\$ 911,081	\$ 1,000,000		\$ 88,919
3152	Minnehaha Greenway	SWLRT Stream Enhancement	\$ 603,212	\$ 65,000	\$ 65,000	\$ -		\$ 44,478	\$ -	\$ 493,734	\$ 493,734		\$ -
3155	Mpls. Parkway	Minneapolis Stormwater Phase I	\$ 1,500,000	\$ -	\$ -	\$ -		\$ 2,749,993	\$ 1,249,993	\$ -	\$ 250,000		\$ 250,000
3158	Six Mile - Halsted	Turbid-Lundsten Wetland Restoration	\$ 250,000	\$ 250,000	\$ -	\$ -		\$ 100,000	\$ -	\$ 150,000	\$ 150,000		\$ -
3160	Six Mile - Halsted	East Auburn Wetland Restoration	\$ -	\$ 68,000	\$ 34,000	\$ 68,000		\$ 241,000	\$ 207,000	\$ -	\$ 275,000		\$ 275,000
3159	Long Lake - Tanager	County Road 6 Retrofit	\$ 74,831	\$ 110,000	\$ 110,000	\$ 35,169			\$ -	\$ -	\$ 415,000		\$ 415,000
Mid-Range Capital Projects													
3150	Minnehaha Greenway	Meadowbrook Golf Course Restoration	\$ 200,673	\$ -		\$ -		\$ -	\$ (200,673)	\$ -			\$ -
3157	Minnehaha Greenway	Louisiana Trail Greenspace and Stormwater	\$ 300,000	\$ -		\$ -		\$ -	\$ (300,000)	\$ -			\$ -
CIP Total			\$8,361,183	\$2,886,022	\$822,188	\$103,169	\$399,200	\$5,935,471	\$ 1,759,659	\$3,865,552	\$6,603,411	\$338,940	\$2,398,919

Notes

- MCWD acting as grant administrator for Watershed Based Implementation Funding for Medina-led project (\$243,200)
- Design in '23, construction in '24
- MCWD acting as grant administrator for state funding for Long Lake-led project (\$174,940)
- Feasibility study in '24
- Assigned 30% capital funds for potential future MCWD contribution for design/construction (estimated at \$1.2 M)
- Pond dredging relocated from PMLM budget
- 2024 dredging scheduled for Amelia Pond (\$919k) and Twin Lake Park Pond (\$275k)
- Pending 2023 contaminant testing to define sediment disposal cost estimate
- Due to supply chain issues, site to be completed in 2023. Can close fund in 2024
- Fund closed
- 2023 assumes design, bid initiated, and \$100,000 in stormsewer with Alatus.
- Assumes \$4.3M total project cost
- 2023 assumes legal expenses. No construction activity.
- Assumes \$1.4M total project cost
- Projected cost \$884,173 (includes stream resoration).
- Trail work \$780,780 to be shared 50/50 with SLP
- Cost reflects half trail plus stream work
- Discussing financing with SLP
- Agreements and partnership structure in 2023
- Complete feasibility in 2024 and enter design
- Construction in 2025
- Feasibility/Planning for next round of program projects in 2025
- Delayed approximately one year.
- Planning will extend into 2024 in partnership with Victoria
- Initiate design 2024 and into 2025.
- Preliminary estimate \$482K.
- Estimate refined through feasibility completed July/August 2023
- Preliminary estimate.
- Estimate refined through feasibility completed in July/August 2023
- Planning initiated in 2024 in concert with Minneapolis partnership
- Funds transferred to Capital Finance fund until partnership solidified
- Funds transferred to Capital Finance fund until project moves into design
- Implementation plan and estimate to be refined through 2023 SLP updates to Station Area Plan

Attachment 11 - DRAFT Capital Finance and Mid-Range CIP

Fund Code	Fund	2022 EOY Balance	Transfer from/(to) Ops/Programs	Transfer from/(to) Debt Service	Transfer from/(to) CIP	Total Transfers	2023 EOY Fund Balance (Held Assigned)
XXXX	Capital Finance	\$ -	\$ 4,774,386	\$ 7,194,833	\$ (1,759,659)	\$ 10,209,560	\$ 10,209,560

Subwatershed	Project Name	Total Project Cost	2025	2026	2027	2028	2029	2030
Project Maintenance								
	Stormwater Pond Maintenance Dredging	\$ 1,333,064	\$300,587	\$361,765	\$0	\$345,570	\$111,661	\$213,481
Mid-Range Capital Projects								
Minnehaha Greenway	Meadowbrook Golf Course Ecological Restoration and Greenway Expansion	\$ 2,935,330	\$587,066	\$1,174,132	\$1,174,132			
Minnehaha Greenway	Louisiana Trail Greenspace and Stormwater	\$ 300,000			\$60,000	\$120,000	\$120,000	
Minnehaha Greenway	Boone-Aquilla Floodplain	\$ 500,000			\$100,000	\$200,000	\$200,000	
Minnehaha Greenway	West Blake Greenway Enhancement	\$ 420,000				\$84,000	\$168,000	\$168,000
Mpls. Parkway	Hiawatha Golf Course Restoration	\$ 1,940,000				\$388,000	\$776,000	\$776,000
Lake Minnetonka	Halsted Bay Internal Phosphorus Load Reduction	\$ 1,400,000		\$840,000	\$560,000			
Six Mile - Halsted	Halsted Bay Watershed Load Management	\$ 13,000,000		\$2,600,000	\$5,200,000	\$5,200,000		
Six Mile - Halsted	Mud Lake Restoration Phase I	\$ 3,090,000			\$618,000	\$1,236,000	\$1,236,000	
Six Mile - Halsted	Pierson Lake Headwater Restoration	\$ 367,800				\$73,560	\$147,120	\$147,120
Painter - Jennings	Potato Marsh Wetland Restoration	\$ 870,000			\$174,000	\$348,000	\$348,000	
Painter - Jennings	South Katrina Marsh Restoration	\$ 1,270,000			\$254,000	\$508,000	\$508,000	
Painter - Jennings	SOBI Marsh Restoration	\$ 240,000				\$48,000	\$96,000	\$96,000
Painter - Jennings	Upper and Lower Painter Marsh Restoration	\$ 2,800,000				\$560,000	\$1,120,000	\$1,120,000
Mid-Range CIP Total		\$ 30,466,194	\$ 887,653	\$ 4,975,897	\$ 8,140,132	\$ 9,111,130	\$ 4,830,781	\$ 2,520,601

*Capital Finance fund is used to strategically maximize capacity for project implementation by (1) providing flexible and strategic reserves for planned and unplanned opportunities to improve the watershed and (2) minimizing levy volatility by supporting short term cash flow needs.

Attachment 12 - MCWD Debt Service (2004)

Year	Hennepin 2010B	Hennepin 2011A	Hennepin 2013B	Hennepin 2020A (REFI 2010B & 2011A)	Richfield 2013B	Richfield 2020A (REFI 2013B)	Wells Fargo Note 2018 (REFI 2011/2013)	Total Capital Finance Debt Service	Capital Finance Receipts	Transfer In/ Reimbursement	Transfer Out/ Expenditure	Actual/Projected Fund Balance (Held Assigned)
2011	\$ 215,736.81	\$ -	\$ -				\$ -	\$ 215,736.81	\$ 2,500,000.00	\$ -	\$ -	\$ 7,732,216.00
2012	\$ 218,562.50	\$ 319,141.81	\$ -				\$ 648,825.00	\$ 1,186,529.31	\$ 2,500,000.00	\$ -	\$ -	\$ 6,654,292.00
2013	\$ 216,062.50	\$ 333,718.75	\$ 386,182.00				\$ 580,250.00	\$ 1,516,213.25	\$ 2,500,000.00	\$ -	\$ -	\$ 9,706,099.00
2014	\$ 217,312.50	\$ 338,768.75	\$ 461,938.00		\$ 154,847.38		\$ 580,125.00	\$ 1,752,991.63	\$ 2,500,000.00	\$ -	\$ 1,349,156.00	\$ 9,089,010.00
2015	\$ 218,412.50	\$ 341,768.75	\$ 463,538.00		\$ 177,255.00		\$ 1,535,500.00	\$ 2,736,474.25	\$ 2,765,423.00	\$ 510,921.00	\$ -	\$ 9,646,722.00
2016	\$ 219,362.50	\$ 339,368.75	\$ 459,838.00		\$ 174,855.00		\$ 1,999,800.00	\$ 3,193,224.25	\$ 2,795,204.00	\$ -	\$ -	\$ 9,287,628.00
2017	\$ 220,162.50	\$ 336,768.75	\$ 460,988.00		\$ 177,405.00		\$ 2,946,250.00	\$ 4,141,574.25	\$ 3,159,412.00	\$ -	\$ -	\$ 8,447,852.00
2018	\$ 215,812.50	\$ 338,968.75	\$ 461,838.00		\$ 174,905.00		\$ 2,357,000.00	\$ 3,548,524.25	\$ 3,159,412.00	\$ -	\$ 452,096.00	\$ 7,776,677.00
2019	\$ 216,462.50	\$ 340,768.75	\$ 462,387.50		\$ 172,405.00		\$ 1,299,200.00	\$ 2,321,543.00	\$ 3,041,753.00	\$ -	\$ -	\$ 8,496,887.00
2020	\$ 218,462.25	\$ 337,168.75	\$ 462,637.50		\$ 169,905.00		\$ 1,261,800.00	\$ 2,263,552.00	\$ 2,731,600.00	\$ -	\$ -	\$ 8,942,248.00
2021	\$ -	\$ -	\$ 462,587.50	\$ 471,843.75	\$ -	\$ 172,918.50	\$ 1,724,400.00	\$ 2,833,164.00	\$ 2,968,385.00	\$ -	\$ -	\$ 9,077,469.00
2022	\$ -	\$ -	\$ 462,237.50	\$ 479,000.00	\$ -	\$ 148,930.00	\$ 1,668,300.00	\$ 2,759,840.00	\$ 2,631,904.00	\$ -	\$ -	\$ 8,949,533.00
2023	\$ -	\$ -	\$ 460,137.50	\$ 479,000.00	\$ -	\$ 161,380.00	\$ 3,112,200.00	\$ 4,212,717.50	\$ 3,007,951.00	\$ -	\$ 7,194,832.75	\$ 549,933.75
2024	\$ -	\$ -	\$ 462,937.50	\$ 478,250.00	\$ -	\$ 158,680.00	\$ -	\$ 1,099,867.50	\$ 1,099,867.50	\$ -	\$ -	\$ 549,933.75
2025	\$ -	\$ -	\$ 460,537.50	\$ 476,750.00	\$ -	\$ 160,930.00	\$ -	\$ 1,098,217.50	\$ 1,098,217.50	\$ -	\$ -	\$ 549,933.75
2026	\$ -	\$ -	\$ 463,037.50	\$ 479,500.00	\$ -	\$ 158,130.00	\$ -	\$ 1,100,667.50	\$ 1,100,667.50	\$ -	\$ -	\$ 549,933.75
2027	\$ -	\$ -	\$ 459,375.00	\$ 476,250.00	\$ -	\$ 160,280.00	\$ -	\$ 1,095,905.00	\$ 1,095,905.00	\$ -	\$ -	\$ 549,933.75
2028	\$ -	\$ -	\$ 460,600.00	\$ 482,250.00	\$ -	\$ 162,330.00	\$ -	\$ 1,105,180.00	\$ 1,105,180.00	\$ -	\$ -	\$ 549,933.75
2029	\$ -	\$ -	\$ 461,600.00	\$ 477,000.00	\$ -	\$ 159,330.00	\$ -	\$ 1,097,930.00	\$ 1,097,930.00	\$ -	\$ -	\$ 549,933.75
2030	\$ -	\$ -	\$ 464,300.00	\$ 481,000.00	\$ -	\$ 157,005.00	\$ -	\$ 1,102,305.00	\$ 1,102,305.00	\$ -	\$ -	\$ 549,933.75
2031	\$ -	\$ -	\$ 461,550.00	\$ 288,750.00	\$ -	\$ 160,250.00	\$ -	\$ 910,550.00	\$ 910,550.00	\$ -	\$ 94,658.75	\$ 455,275.00
2032	\$ -	\$ -	\$ 463,500.00	\$ -	\$ -	\$ 163,280.00	\$ -	\$ 626,780.00	\$ 626,780.00	\$ -	\$ 141,885.00	\$ 313,390.00
2033	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 161,120.00	\$ -	\$ 161,120.00	\$ 161,120.00	\$ -	\$ 232,830.00	\$ 80,560.00

*Table run to 2033 to show term of existing debt. Future balances are hypothetical based on assumption of flat levy receipts, for modeling purposes.

**MCWD strategically maximizes capacity for project implementation by servicing debt issued by MCWD partners for capital improvements – distributing capital costs over time and future tax paying beneficiaries.