



**Title:** Draft 2022 Budget Briefing

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**Purpose:**

At the July 14, 2021 Citizen Advisory Committee (CAC) Meeting, staff will provide a briefing on the draft 2022 budget and workplan. This briefing will occur ahead of a final review by the MCWD Operations and Programs Committee (OPC) on August 12, 2021 OPC, which will be followed by a public hearing scheduled for August 26, 2021, before the Board of Managers considers adoption of the budget on September 9, 2021.

**MCWD Committee Discussions to Date:**

- [April 22, 2021 Policy and Planning Committee](#)
  - Preliminary 2022 budget projection, and review of programs and operations
- [May 27, 2021 Policy and Planning Committee](#)
  - Detailed review of 2022 budget, including:
    - Programs, Operations and Personnel
    - Capital Improvement Program
    - Capital Finance and Debt Service
- [June 10, 2021 Operations and Programs Committee](#)
  - Reviewed areas of 2022 budget refinement
  - Reviewed strategic alignment of 2022 budget
- [July 8, 2021 Operations and Programs Committee](#)
  - Reviewed areas of 2022 budget refinement
  - Reviewed the 2022 workplan

**2022 Budget Background:**

Through the Minnehaha Creek Watershed District's strategic planning, culminating in 2017, the MCWD Board of Managers implemented a series of fiscal measures to carefully manage the District's levy, while maintaining high quality mission aligned output and service. Those actions included:

- Aligning program budgets with organizational priorities
- Making strategic reductions and implementing operational efficiencies
- Right-sizing, aligning and investing in human resources
- Strengthening partnerships for capital project financing
- Securing increasing levels of outside funding
- Restructuring existing capital project debt
- Reallocating funds from initiatives delivered under budget to capital projects

That work continues to position MCWD well for fiscal year 2022.

### 2022 Budget-Levy Projection - Overview:

Current projections for 2022 show a balanced budget of \$15,027,532. Relative to 2021, this preliminary 2022 projection represents a 2% or \$311,111 increase in budgeted expenditures.

The proposed 2022 budget is supported with a flat (0% change) levy of \$9,675,993 (*Table 1*). This is accomplished by drawing on the funds levied in past years for capital projects, the reallocation of funds from programs either deprioritized or delivered under budget, and \$603,006 in external grant funds.

**Table 1 - DRAFT 2022 Budget-Revenue Summary**

EXPENSES	2021	2022	2021-2022 Δ	% Change
Operations	\$1,883,098	\$1,808,491	\$ (74,606)	-4%
Programs	\$4,552,671	\$5,680,250	\$ 1,127,578	25%
Capital finance	\$2,713,653	\$2,758,468	\$ 44,815	2%
Capital projects	\$5,566,999	\$4,780,324	\$ (786,675)	-14%
<b>TOTAL</b>	<b>\$14,716,421</b>	<b>\$15,027,532</b>	<b>\$ 311,111</b>	<b>2%</b>

REVENUE	2021	2022	2021-2022 Δ	% Change
Preliminary 2021 levy	\$9,675,993	\$9,675,993	\$ -	0%
Projects fund balance	\$2,847,446	\$3,292,956	\$ 445,510	16%
Programs fund balance	\$1,313,961	\$1,374,358	\$ 60,397	5%
Grants and partner funds	\$709,801	\$603,006	\$ (106,795)	-15%
Interest, permit fees, reimbursemer	\$169,220	\$81,220	\$ (88,000)	-52%
<b>TOTAL</b>	<b>\$14,716,421</b>	<b>\$15,027,532</b>	<b>\$ 311,111</b>	<b>2%</b>

### 2022 Budget Alignment – Overview:

#### High Impact Capital Improvements:

In 2022 the District will remain focused on cultivating public and private partnerships to deliver capital projects that measurably improve the watershed, and provide broader social and economic benefit to communities. That work will involve continuing to develop projects within the District’s focal geography pipeline, as well as refining the responsive model and permitting program as pathways to project implementation on a broader watershed wide basis. Projects in queue include work within the Minnehaha Creek Greenway, Minneapolis and the Six Mile Creek – Halsted Bay subwatershed.

#### Data Analytics to Improve Planning, Decision Making and Communications:

2022 and beyond will continue to see MCWD programs increasingly align to support high impact capital project planning. One area of emphasis in recent history, which will be carried forward in 2022, is the ongoing buildout of the District’s data-analytic capabilities. Over the last several years investments have been made to acquire technology solutions to help the MCWD gather, store, retrieve and integrate watershed data with other data sets for the built environment – to better inform planning, decision making and communication with partners and the public.

These technology solutions will continue to be integrated in 2022, ultimately pushing data to a rebuilt website for broader public consumption. Data will presented graphically and spatially using interactive maps and GIS, including information on permit applications, water quality and natural system information, MCWD and agency investments in infrastructure, and information and toolkits for local residential-scale watershed best practices. This new design and content plan for the District’s website fits under the District’s new strategic direction for outreach which emphasizes telling data-driven, graphically rich stories on a targeted audience basis, about the capital investments that are needed, and the positive effects of the work that has been completed by MCWD and its partners.

### Climate Action Planning:

As part of its improved data management systems, the District continues to make progress building out its real time sensor network (RESNET) with regional, state and federal partners, to enhance a granular understanding of how watershed hydrology is evolving in the face of climate change. This data set is being leveraged in 2021 to develop machine learning models, in partnership with the U of M, which will improve the MCWD's ability to use short term weather forecasts from the National Oceanic and Atmospheric Administration (NOAA) to predict and manage water level responses in partnership with emergency managers.

To complement short-term predictive capabilities, the District has obtained support from member communities, Hennepin County, the DNR, EQB, and USGS, to develop a 2D watershed model which will create the ability to generate more accurate long-term predictions of hydrologic scenarios using downscaled state climatological data. This deeper understanding of system changes over time will position the District as a value added partner in planning and implementing green and gray infrastructure adaptations that create resilience in the built and natural environments in response to climate driven shifts in precipitation.

### **2022 Budget Breakdown:**

Below is a breakdown of the major components of the District's 2022 budget.

- 2022 Budget-Revenue – *(Attachment 1)*
- Programs and Operations – *(Attachment 2)*
  - Operations – *(Attachment 3)*
  - Permitting – *(Attachment 4)*
  - Planning and Projects – *(Attachment 5)*
  - Outreach – *(Attachment 6)*
  - Research & Monitoring – *(Attachment 7)*
- Capital Improvement Projects – *(Attachment 8)*
- Capital Finance – *(Attachment 9)*

### **July 14, 2021 CAC Meeting:**

At the July 14 CAC meeting staff will provide a summary of the draft 2022 budget and highlight key points of information across the major areas of the budget and workplan. If there are questions in advance of the meeting, please contact James Wisker at [Jwisker@minnehahacreek.org](mailto:Jwisker@minnehahacreek.org).



# 2022 BUDGET & WORKPLAN

## 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.

This approach allows us to remain focused for greater effectiveness while maintaining the flexibility to respond to significant opportunities created through land use change.



**MINNEHAHA CREEK**  
WATERSHED DISTRICT

## OUR 2022 PRIORITIES

- **High-impact capital projects:** A majority of the budget will fund projects that improve natural resources, provide economic value, and support thriving communities
- **Ecological balance:** Our work throughout the watershed will continue to support ecological integrity and balance the natural and built environments to improve water quality, water quantity, and resilience
- **Responsiveness:** MCWD will continue to provide added value to communities across the watershed by gathering robust data, providing technical assistance, and identifying opportunities to support the projects and initiatives of our partners for mutual benefit
- **Improved customer service and efficiency:** Improvements to our permitting process, technology, and facilities will help improve staff's ability to provide excellent customer service to our residents

# 2022 BUDGET BREAKDOWN

## FISCAL RESPONSIBILITY

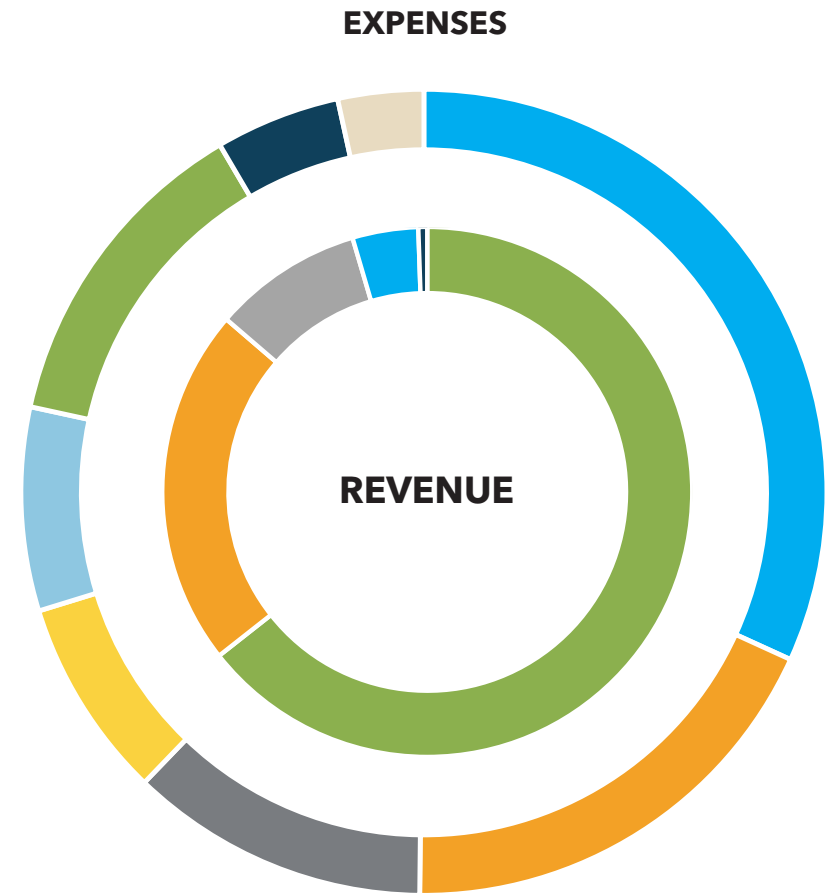
Our work is supported by an annual tax levy, funds levied in past years for multi-year projects (projects fund balance), funds reallocated from projects and programs delivered under-budget (programs fund balance), grants and partner funds, interest, and reimbursement of permit fees.

**For the fifth consecutive year, there will be no increase in our tax levy in 2022.** We will receive approximately \$603,006 in grants and partner contributions.

EXPENSES		2021	2022
Capital Projects	\$5,566,999	\$4,780,324	
Capital Finance	\$2,713,653	\$2,758,468	
Operations & Support Services	\$1,883,098	\$1,808,491	
Research & Monitoring	\$1,178,260	\$1,208,792	
Planning	\$1,178,645	\$1,226,937	
Project & Land Maintenance	\$957,806	\$1,974,212	
Permitting	\$718,617	\$753,644	
Outreach	\$519,344	\$516,665	
<b>TOTAL</b>	<b>\$14,716,421</b>	<b>\$15,027,532</b>	

REVENUE		2021	2022
Levy	\$9,675,993	\$9,675,993	
Projects Fund Balance	\$2,847,446	\$3,292,956	
Programs Fund Balance	\$1,313,961	\$1,374,358	
Grants & Partner Funds	\$709,801	\$603,006	
Interest & Fees	\$169,220	\$81,220	
<b>TOTAL</b>	<b>\$14,716,421</b>	<b>\$15,027,532</b>	





# 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. We also remain flexible to respond to opportunities to protect and improve natural resources that are created through land use change and partner initiatives.

## SERVICE IN ACTION

Community members at a demonstration event for the Long Lake Creek Subwatershed Assessment, a collaborative effort with the cities of Long Lake, Medina, and Orono, and the Long Lake Waters Association to identify feasible and cost-effective projects to restore the five impaired lakes in the subwatershed.



## SERVICES:

- **Monitoring & Assessment:** Collecting and analyzing data across the watershed to identify resource needs to inform planning and implementation.
- **Planning and Technical Assistance:** Collaborating with cities, landowners, and others to identify the most effective strategies to meet partners' goals and improve water quality and ecological integrity.
- **Project Support:** Working with public and private partners to support projects that align with MCWD goals and priorities and that are well coordinated to create mutual benefits.
- **Permitting:** Reviewing and overseeing construction activities, in coordination with our communities, to protect natural resources from degradation that can occur as a result of land use change. In 2022, we will be continuing our efforts to enhance customer service and generate opportunities for win-win partnerships through a series of improvements to our rules, processes, and new online permitting portal.
- **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.

# SIX MILE CREEK - HALSTED BAY SUBWATERSHED

## OVERVIEW

The Six Mile Creek - Halsted Bay Subwatershed is a complex system of 14 lakes connected by Six Mile Creek and thousands of acres of wetlands that form the headwaters of Lake Minnetonka and the Minnehaha Creek watershed. Five of the lakes are on the state's impaired waters list, and Six Mile Creek flows into Halsted Bay, the most degraded bay in Lake Minnetonka.

As part of MCWD's strategy to address the most significant sources of pollutants to Lake Minnetonka, we are in the midst of a sustained focus on this system to make long-term, measurable improvements to the health of the subwatershed and, in turn, Halsted Bay.

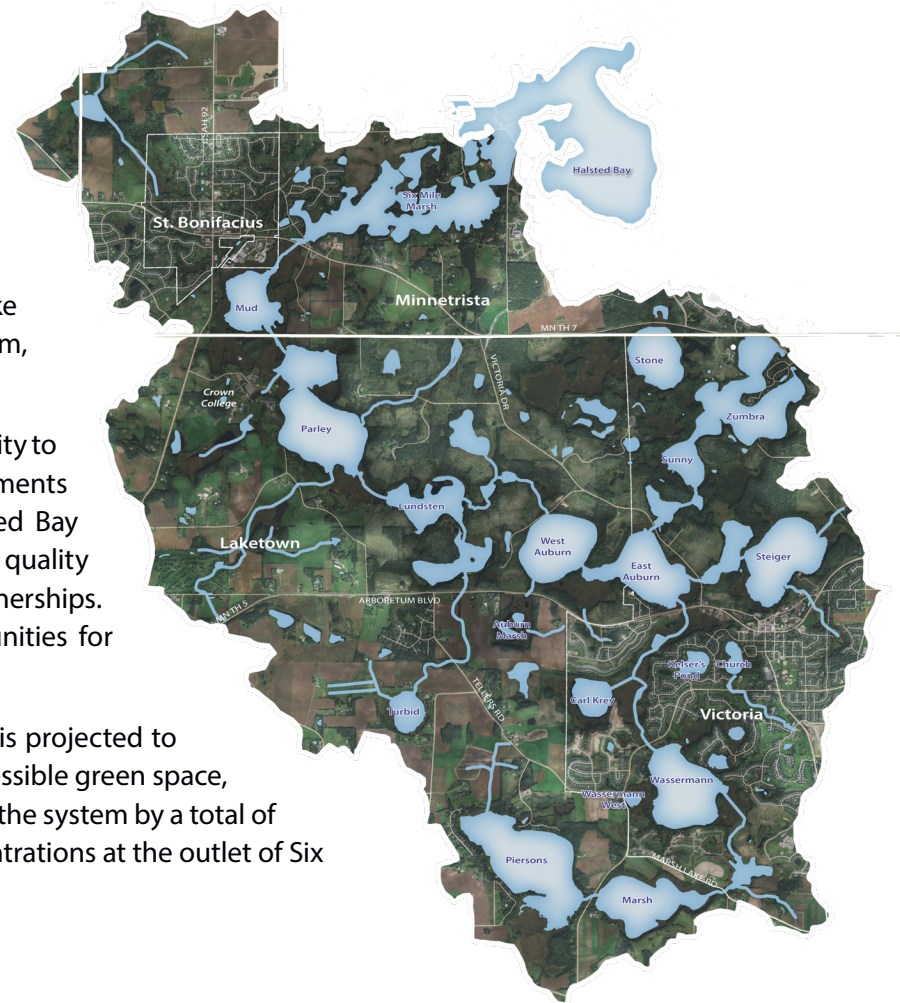
This subwatershed is experiencing rapid development, which presents a unique opportunity to join with our partners to plan for sustainable growth. Integrating natural resource improvements that enhance land-use change is central to our approach. The Six Mile Creek - Halsted Bay Subwatershed Plan, created in collaboration with our partners, is a vision to improve water quality and enhance natural resources across the subwatershed through value-added partnerships. In addition to restoring and protecting natural resources, the plan identifies opportunities for enhancing public access to the area with trails, signage, and engagement opportunities.

To date our work has leveraged \$1.2 million in outside capital and, by the end of 2021, is projected to have reduced nutrient loading by 545 pounds per year, created 190 acres of publicly accessible green space, protected 124 acres of wetlands, and reduced common carp populations in all 14 lakes in the system by a total of 142,000 pounds. We're already seeing results: Compared to 10 years ago, nutrient concentrations at the outlet of Six Mile Creek into Lake Minnetonka have improved by 25 percent.

## STRATEGY

We are addressing subwatershed impairments, improving habitat, and protecting high value resources by:

- **Managing carp** to restore 2,488 acres of deep and shallow lake habitat and to set the stage for future restorations
- **Targeting wetland protection and restoration** to address external phosphorus entering lakes, the creek, and Halsted Bay, while establishing habitat corridors that connect to uplands
- **Identifying stormwater management opportunities** in partnership with cities and developers to address pollutants entering Six Mile Creek, lakes, and wetlands
- **Controlling in-lake nutrients** originating from historical impacts to reduce the amount of phosphorus being released from lake bottoms





# SIX MILE CREEK - HALSTED BAY SUBWATERSHED

## WORK TO DATE

The first phase of project implementation in SMCHB focused primarily on the restoration of Wassermann Lake, a waterbody impaired for nutrients in the heart of Victoria's growth corridor. MCWD has worked with land use partners on a multi-year strategy to return the lake to a sustainably healthy state. This work has included a system-wide carp management program that has brought carp concentrations below the threshold where they damage ecosystems in lakes across the subwatershed, including Wassermann; the restoration of a 20-acre wetland in Victoria in partnership with a private developer; alum treatment on a six acre pond adjacent to the lake; and, in 2021, the first of two alum treatments on the lake itself. Wassermann Lake Preserve, a park and restoration project that restores native upland, shoreline and stream channel habitat and creates the City's first nature-based park, provides a vantage point for active and passive enjoyment of the lake, and a creative interpretive program to tell the story of a restored Wassermann Lake and its significance in the SMCHB subwatershed.

## 2022 ACTIVITIES

### WASSERMANN INTERNAL LOAD MANAGEMENT

"Internal loading" — the release of nutrients from the lake bottom into the water — remains the final significant source of nutrient pollution in Wassermann Lake. To address this, we secured a \$284,720 competitive grant from the Board of Water and Soil Resources Clean Water Fund to prevent this internal loading through a process known as "alum treatment," which uses aluminum sulfate to bind to phosphorus particles and trap them in the lake bottom. The project will reduce internal phosphorus loading by an estimated 90 percent, significantly increasing the health and clarity of the lake while moving it close to the required reduction needed to remove it from the state's impaired waters list. The second of two treatments will occur in 2022.

### SIX MILE PROJECT PLANNING

With Wassermann poised to meet its restoration goals, MCWD will evaluate where to focus capital project resources next to build on the success of the first phase of work. One area under consideration is the Turbid-Lundsten Corridor. This degraded wetland corridor presents a unique opportunity to create a contiguous wetland and habitat corridor while reducing nutrient levels in both Turbid and Lundsten Lakes. This restored corridor would be an asset in the future Victoria Greenway, which aims to create contiguous areas of parks, trails and open space as development progresses south and west. Planning carried out in 2021 and 2022 in this and other areas of the subwatershed will position MCWD for future project implementation work.



*The Wassermann Lake Preserve opened in June 2021, a nature-based park that showcases the restoration of Wassermann Lake. Photo: Justin Cox Photography*



# MINNEHAHA CREEK SUBWATERSHED

## OVERVIEW

Minnehaha Creek is the outlet for the entire watershed, flowing nearly 23 miles from Lake Minnetonka and collecting stormwater from Minnetonka, Hopkins, St. Louis Park, Edina, Richfield, and Minneapolis, through the chain of lakes and into the Mississippi River.

The creek suffers from a number of issues, including:

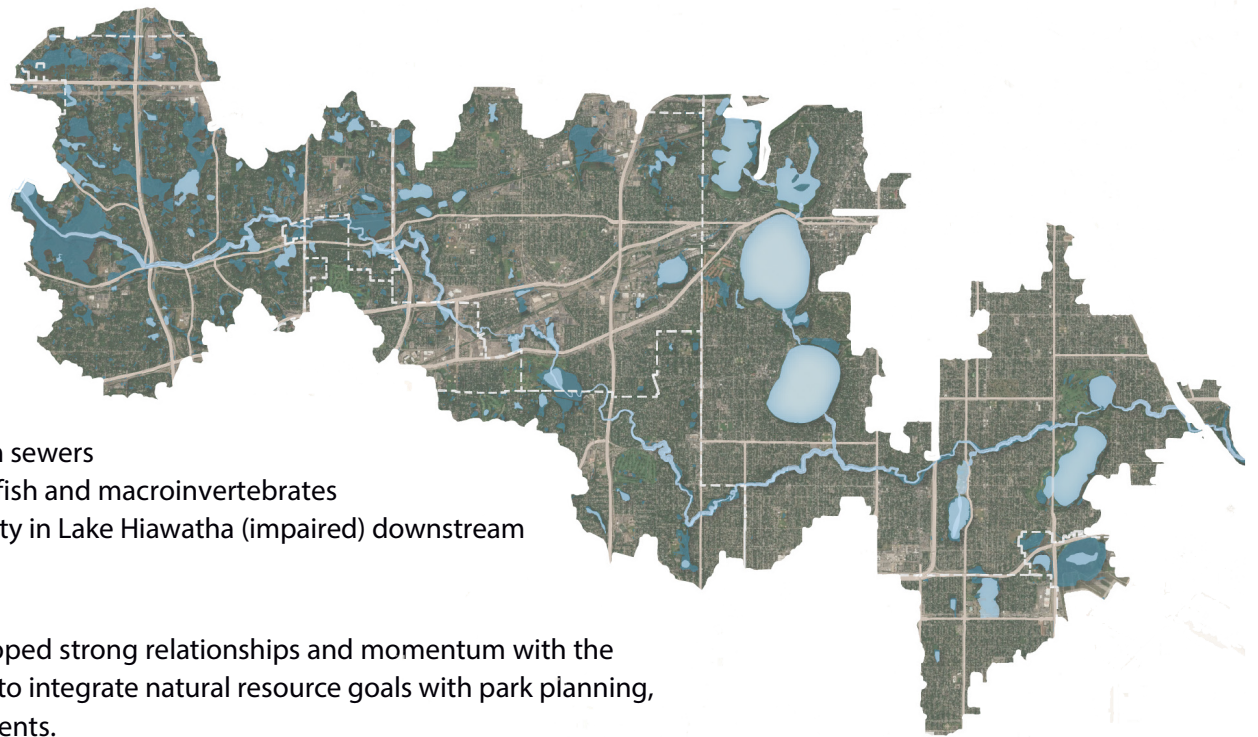
- flashy water levels and flooding
- ditched, and fragmented stream channel
- polluted stormwater runoff from hundreds of storm sewers
- impairments for E. coli, chloride, dissolved oxygen, fish and macroinvertebrates
- transportation of nutrients that degrade water quality in Lake Hiawatha (impaired) downstream

To improve water quality and resilience, 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

We will address subwatershed impairments, reduce regional flooding, and improve habitat by:

- Managing regional stormwater to slow down water, reduce runoff and pollution entering the creek, and decrease flood risk
- Restoring the creek to stabilize streambanks, slow down water, and improve in-stream habitat and buffers, while increasing opportunities for public access and economic development
- Restoring and connecting ecological corridors to maximize green space, improve habitat and flood storage, and strengthen resilience



## WORK TO DATE

2022 activities will build on past work to restore what had been the most degraded section of Minnehaha Creek in St. Louis Park and Hopkins, an area now known as the Minnehaha Creek Greenway. Compared to 10 years ago, we have seen a statistically significant improvement in water quality downstream of the work. In downstream Lake Hiawatha, phosphorus levels have improved by 19 percent and the average chlorophyll-a concentrations have improved to meet the state standards.

Past projects include re-meandering sections of the creek that were previously ditched and straightened, creating new public access, implementing stormwater management in St. Louis Park, revitalizing Cottageville Park in Hopkins, restoring the creek through Arden Park in Edina, and repairing eroded stream banks in Minneapolis. This work has resulted in 60 acres of newly accessible green space, 28.7 acres of restored wetlands, over 150 pounds of phosphorus removed per year, 3.2 acre feet of floodplain storage, and 1.4 miles of restored creek.

# MINNEHAHA CREEK SUBWATERSHED

## 2022 ACTIVITIES

### 325 BLAKE ROAD RESTORATION AND REDEVELOPMENT

A former industrial site along 1,000 feet of Minnehaha Creek, the property at 325 Blake Road is a key piece of the Minnehaha Creek Greenway. In 2022, we plan to use 4-6 acres of the site to construct a series of stormwater treatment features that will treat polluted runoff from 270 acres of the surrounding region, reduce phosphorus loading by 181 pounds per year, and connect the Minnehaha Creek Greenway trail system between Cottageville Park and the Minnehaha Creek Preserve. The remainder of the 17-acre site is anticipated to be redeveloped as transit-oriented development in partnership with the City of Hopkins and private development partner with careful attention paid to the integration of the stormwater and open space features with the development. The project is supported by \$2.4 million in outside funds from Hennepin County, Metropolitan Council, Public Facilities Authority, and Clean Water Legacy Fund.

### STREAM ENHANCEMENT AND TRAIL CONNECTION

When completed, the Southwest LRT line will run through the heart of the Minnehaha Creek Greenway and provide yet another important community connection to this revitalized corridor. In partnership with the City of St. Louis Park, we're taking advantage of the construction period to make a key connection in the Minnehaha Creek Greenway trail system that will link upstream and downstream investments together and connect them to the Cedar Regional Trail, as well as streambank improvements along the construction corridor.

### MINNEHAHA CREEK PARKWAY WATER RESOURCE IMPROVEMENTS

The Minneapolis Park and Recreation Board, in coordination with the City of Minneapolis and MCWD, is leading an ambitious 30-year envisioning of the Minnehaha Creek Regional Trail system through the parklands of south Minneapolis. We're working closely with these agencies and community members to integrate regional stormwater management solutions and creek restoration into this once-in-a-generation overhaul, a rare opportunity to make significant water quality, infrastructure and ecological improvements in a developed area.



*A concept image from the draft Minnehaha Creek Regional Trail Master Plan, picturing people enjoying the many benefits of a restored tributary between Lake Harriet and Minnehaha Creek near Lynnhurst Park*



# ACTIVITY SPOTLIGHT: CLIMATE ACTION PLANNING

## OVERVIEW

Over the past decade, MCWD has observed wide variability in precipitation patterns that have caused both flooding and drought conditions in the watershed. The MCWD recognizes that climate change is already impacting our state and its water resources, and the effects of climate change are expected to accelerate in the coming decades. The changes in precipitation and temperature patterns pose a threat to both natural and built systems and impact the communities we serve. As the effects of climate change are increasingly experienced across the watershed, the District has recognized the need to develop a clear strategy to effectively respond to these changes.



*Minnehaha Creek at Methodist Hospital in St. Louis Park during drought conditions in 2012, above, and flood conditions in 2014, below.*

## WORK TO DATE

In 2020, the District undertook a situational assessment to explore its role in responding to climate change. The result of this process was a draft Climate Action Framework that defines the three pillars of the MCWD's role as:

1. **Understand and Predict:** The District will utilize and expand its capabilities in data collection and analysis to understand and predict the impacts of climate change across the watershed
2. **Communicate, Convene, and Plan:** The District will convene its partners to build consensus around the issues, establish measurable goals, and evaluate potential solutions
3. **Implement, Measure, and Adapt:** The District will implement projects, programming, and policy changes, in coordination with its partners, to achieve measurable progress toward the goals



## 2022 ACTIVITIES

Work is underway on the first phase of this framework – Understand and Predict. As a regional entity, and with its technical expertise, MCWD is uniquely positioned to serve as an information broker and work with other regional partners (e.g. USGS, DNR, counties) to understand the water budget and the upstream-downstream cause and effect across communities. To do so, the MCWD is developing two primary tools:

- A **Machine Learning Model** that will be able to forecast future water levels based on remote sensing data collected through MCWD's RESNET and Hennepin County's MESONET programs. The water level forecasts from the machine learning model will improve MCWD's ability to support Grays Bay Dam operations and partner agency's emergency response activities at selected locations throughout the MCWD.
- A **2-Dimensional (2D) Watershed Model** that will enable MCWD to evaluate the hydrologic impacts of future landuse change and climate change to improve our ability to plan for the future. This deeper understanding of system changes over time will position the District as a value added partner in planning and implementing green and gray infrastructure adaptations that create resilience in the built and natural environments.

MCWD plans to begin engaging its cities and partner agencies in preliminary discussions around this work through a technical advisory committee in mid-2022.



## Attachment 1 - DRAFT 2022 Budget-Revenue Summary

EXPENSES	2021	2022	2021-2022 Δ	% Change	Notes
Operations	\$1,883,098	\$1,808,491	\$ (74,606)	-4%	Includes General Operations, IT Plan Implementation, and Facility Improvements
Programs	\$4,552,671	\$5,680,250	\$ 1,127,578	25%	Costs and sources detailed in programs summary
Capital finance	\$2,713,653	\$2,758,468	\$ 44,815	2%	Scheduled debt service detailed in capital finance
Capital projects	\$5,566,999	\$4,780,324	\$ (786,675)	-14%	Costs and sources detailed in capital improvement plan
<b>TOTAL</b>	<b>\$14,716,421</b>	<b>\$15,027,532</b>	<b>\$ 311,111</b>	<b>2%</b>	

REVENUE	2021	2022	2021-2022 Δ	% Change	Notes
Preliminary 2021 levy	\$9,675,993	\$9,675,993	\$ -	0%	Flat levy
Projects fund balance	\$2,847,446	\$3,292,956	\$ 445,510	16%	Funds levied in past years for multi-year projects
Programs fund balance	\$1,313,961	\$1,374,358	\$ 60,397	5%	Funds reallocated from programs delivered under budget or deprioritized activities
Grants and partner funds	\$709,801	\$603,006	\$ (106,795)	-15%	Includes only secured funds
Interest, permit fees, reimbursements	\$169,220	\$81,220	\$ (88,000)	-52%	Estimated based on previous fiscal years
<b>TOTAL</b>	<b>\$14,716,421</b>	<b>\$15,027,532</b>	<b>\$ 311,111</b>	<b>2%</b>	

Attachment 2 - DRAFT 2022 Operations and Programs Summary by Fund

Fund Code	Program/Fund	2021 Carryover Detail							2022 Budget and Revenue			2021-2022 Budget Change	
		2020 EOY Balance	2021 Budget	2021 Estimated Expenditures	2021 Levy	2021 External Revenue <sup>1</sup>	Assigned (carried to future years)	2021 Carryover (transferred to CIP)	2022 Budget	2022 External Revenue <sup>1</sup>	2022 Revenue Needs	\$ Change	% Change
1002	General Operations	\$ 1,990,767	\$ 1,077,848	\$ 1,044,832	1,007,848	\$ 5,000	\$ 2,506,603	\$ (547,821)	\$ 1,087,491	\$ 10,000	\$ 1,077,491	\$ 9,644	1%
1003	Information Technology	\$ 306,825	\$ 419,250	\$ 326,000	218,205	\$ -	\$ -	\$ 199,030	\$ 335,000	\$ -	\$ 335,000	\$ (84,250)	-20%
1005	Facility Maintenance Plan	\$ 356,386	\$ 386,000	\$ -	\$ 44,000	\$ -	\$ -	\$ 400,386	\$ 386,000	\$ -	\$ 386,000	\$ -	0%
<b>Operations Subtotal</b>		<b>\$ 2,653,978</b>	<b>\$ 1,883,098</b>	<b>\$ 1,370,832</b>	<b>\$ 1,270,053</b>	<b>\$ 5,000</b>	<b>\$ 2,506,603</b>	<b>\$ 51,595</b>	<b>\$ 1,808,491</b>	<b>\$ 10,000</b>	<b>\$ 1,798,491</b>	<b>\$ (74,606)</b>	<b>-4%</b>
2001	Permit Administration	\$ -	\$ 718,617	\$ 661,705	630,617	\$ 60,000	\$ -	\$ 28,912	\$ 738,644	\$ 60,000	\$ 678,644	\$ 20,027	3%
2007	Rule Revisions	\$ 44,898	\$ -	\$ 51,945	0	\$ -	\$ -	\$ (7,047)	\$ 15,000	\$ -	\$ 15,000	\$ 15,000	0%
<b>Permitting Subtotal</b>		<b>\$ 44,898</b>	<b>\$ 718,617</b>	<b>\$ 713,650</b>	<b>\$ 630,617</b>	<b>\$ 60,000</b>	<b>\$ -</b>	<b>\$ 21,865</b>	<b>\$ 753,644</b>	<b>\$ 60,000</b>	<b>\$ 693,644</b>	<b>\$ 35,027</b>	<b>5%</b>
2002	Planning & Projects	\$ 198,062	\$ 1,178,645	\$ 1,166,760	1,178,645	\$ 33,252	\$ -	\$ 243,199	\$ 1,226,937	\$ -	\$ 1,226,937	\$ 48,292	4%
2003	Project Maint. & Land Mgmt	\$ 24,164	\$ 957,806	\$ 594,655	957,806	\$ -	\$ 189,500	\$ 197,815	\$ 1,974,212	\$ -	\$ 1,974,212	\$ 1,016,406	106%
<b>Planning &amp; Projects Subtotal</b>		<b>\$ 222,226</b>	<b>\$ 2,136,451</b>	<b>\$ 1,761,416</b>	<b>\$ 2,136,451</b>	<b>\$ 33,252</b>	<b>\$ 189,500</b>	<b>\$ 441,014</b>	<b>\$ 3,201,149</b>	<b>\$ -</b>	<b>\$ 3,201,149</b>	<b>\$ 1,064,698</b>	<b>50%</b>
4001	Cynthia Krieg	\$ 5,385	\$ -	\$ -	0	\$ -	\$ 5,385	\$ -	\$ -	\$ -	\$ -	\$ -	0%
4002	Outreach	\$ 122,672	\$ 519,344	\$ 349,601	\$ 519,344	\$ -	\$ -	\$ 292,415	\$ 516,665	\$ -	\$ 516,665	\$ (2,679)	-1%
4005	Cost Share	\$ 405,799	\$ -	\$ -	0	\$ -	\$ 405,799	\$ -	\$ -	\$ -	\$ -	\$ -	0%
<b>Outreach Subtotal</b>		<b>\$ 533,856</b>	<b>\$ 519,344</b>	<b>\$ 349,601</b>	<b>\$ 519,344</b>	<b>\$ -</b>	<b>\$ 411,184</b>	<b>\$ 292,415</b>	<b>\$ 516,665</b>	<b>\$ -</b>	<b>\$ 516,665</b>	<b>\$ (2,679)</b>	<b>-1%</b>
5001	Research & Monitoring	\$ 225,289	\$ 1,127,260	\$ 942,031	1,127,260	\$ 11,200	\$ -	\$ 421,717	\$ 1,208,792	\$ -	\$ 1,208,792	\$ 81,532	7%
5007	Six Mile Creek-Halsted Bay Carp Mgmt	\$ 86,878	\$ 51,000	\$ 120,000	\$ -	\$ 178,874	\$ -	\$ 145,752	\$ -	\$ -	\$ -	\$ (51,000)	-100%
<b>Research &amp; Monitoring Subtotal</b>		<b>\$ 312,167</b>	<b>\$ 1,178,260</b>	<b>\$ 1,062,031</b>	<b>\$ 1,127,260</b>	<b>\$ 190,074</b>	<b>\$ -</b>	<b>\$ 567,469</b>	<b>\$ 1,208,792</b>	<b>\$ -</b>	<b>\$ 1,208,792</b>	<b>\$ 30,532</b>	<b>3%</b>
<b>Operations and Programs Total</b>		<b>\$ 3,767,125</b>	<b>\$ 6,435,769</b>	<b>\$ 5,257,530</b>	<b>\$ 5,683,724</b>	<b>\$ 288,326</b>	<b>\$ 3,107,287</b>	<b>\$ 1,374,358</b>	<b>\$ 7,488,741</b>	<b>\$ 70,000</b>	<b>\$ 7,418,741</b>	<b>\$ 1,052,972</b>	<b>16%</b>

**Attachment 3 - DRAFT 2022 Operations & Support Services Budget Summary**

General Operations						
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change
Staff Expenses	\$ 12,000	\$ 5,000	\$ 7,000	Staff Expenses	\$ 10,000	\$ (2,000)
Manager Expenses	\$ 52,000	\$ 48,000	\$ 4,000	Manager Expenses	\$ 52,000	\$ -
Building and Operating Expenses	\$ 130,000	\$ 130,000	\$ -	Building and Operating Expenses	\$ 183,400	\$ 53,400
Vehicles	\$ 35,000	\$ 35,000	\$ -	Vehicles	\$ 37,000	\$ 2,000
Contracted Services	\$ 50,400	\$ 50,400	\$ -	Contracted Services	\$ 36,000	\$ (14,400)
Accounting & Auditing	\$ 92,000	\$ 94,000	\$ (2,000)	Accounting & Auditing	\$ 99,500	\$ 7,500
Engineering/Consulting	\$ 64,000	\$ 64,000	\$ -	Engineering/Consulting	\$ 66,000	\$ 2,000
Legal	\$ 95,000	\$ 95,000	\$ -	Legal	\$ 95,000	\$ -
Insurance	\$ 85,000	\$ 76,000	\$ 9,000	Insurance	\$ 81,000	\$ (4,000)
Office Building Debt Service	\$ 104,924	\$ 104,924	\$ -	Office Building Debt Service	\$ 104,924	\$ -
Other/Misc Expenses	\$ 45,000	\$ 45,000	\$ -	Other/Misc Expenses	\$ 10,000	\$ (35,000)
Personnel	\$ 312,524	\$ 297,508	\$ 15,015	Personnel	\$ 312,667	\$ 144
<b>Total</b>	<b>\$ 1,077,848</b>	<b>\$ 1,044,832</b>	<b>\$ 33,015</b>		<b>\$ 1,087,491</b>	<b>\$ 9,644</b>
Information Technology						
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change
Strategic IT Plan	\$ 131,000	\$ 131,000	\$ -	Strategic IT Plan	\$ 50,000	\$ (81,000)
Website redesign	\$ 75,000	\$ -	\$ 75,000	Website redesign	\$ 75,000	\$ -
Contracted Services	\$ 100,000	\$ 90,000	\$ 10,000	Contracted Services	\$ 90,000	\$ (10,000)
IT Equipment	\$ 33,500	\$ 30,000	\$ 3,500	IT Equipment	\$ 30,000	\$ (3,500)
Licenses	\$ 79,750	\$ 75,000	\$ 4,750	Licenses	\$ 90,000	\$ 10,250
<b>Total</b>	<b>\$ 419,250</b>	<b>\$ 326,000</b>	<b>\$ 93,250</b>		<b>\$ 335,000</b>	<b>\$ (84,250)</b>
Facility Maintenance Plan						
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change
Engineering/Consulting	\$ 10,000	\$ -	\$ 10,000	Engineering/Consulting	\$ 10,000	\$ 50,000
Facility Improvements	\$ 376,000	\$ -	\$ 376,000	Facility Improvements	\$ 376,000	\$ -
<b>Total</b>	<b>\$ 386,000</b>	<b>\$ -</b>	<b>\$ 386,000</b>		<b>\$ 386,000</b>	<b>\$ -</b>

**Notes**

Realigned, pulling line items from contracted services to more clearly account for building operating expenses

Includes new vehicle purchase per MCWD vehicle replacement policy

See Building and Operating Expenses

Budget will be updated based on new acctg. contract and increased for banking services performed w/Ops reorg.

Contract expires in December 2021.

Adjusted based on 2021 actual expenditure

Adjusted to more accurately reflect past expenditures

IT Plan starts ramping down, 35K for for continued implementation consulting, 15K for possible software acquisition

Website redesign phase II will not occur in 2021 due to program turnover, moved back to 2022

Base managed services (MSP, website hosting, special technology projects, etc.)

Lifecycle replacement of IT equipment (firewall, access points, workstations)

IT system/software licenses & annual maintenance, increased due to new software implemented in 2021

Design of campus improvements are complete

Construction delayed until 2022, due to COVID and landowner negotiations



**Attachment 4 - DRAFT 2022 Permitting Budget Summary**

<b>Permit Administration</b>						
<b>2021 Activity/Expense</b>	<b>2021 Budget</b>	<b>2021 Estimated Expenditures</b>	<b>2021 Generated Carryover</b>	<b>2022 Activity/Expense</b>	<b>2022 Budget</b>	<b>2021-2022 Budget Change</b>
Engineering	\$ 170,000	\$ 151,566	\$ 18,434	Engineering	\$ 175,000	\$ 5,000
Legal Expense	\$ 45,000	\$ 28,821	\$ 16,179	Legal Expense	\$ 45,000	\$ -
Contract Services	\$ 10,000	\$ 10,000	\$ -	Contract Services	\$ 10,000	\$ -
Staff Mileage/Expenses	\$ 5,000	\$ 2,500	\$ 2,500	Staff Mileage/Expenses	\$ 5,000	\$ -
Staff Training	\$ 10,000	\$ 7,500	\$ 2,500	Staff Training	\$ 10,000	\$ -
Printing/Postage	\$ 5,000	\$ 1,642	\$ 3,358	Printing/Postage	\$ 5,000	\$ -
Equipment & Supplies/Other	\$ 5,000	\$ 2,500	\$ 2,500	Equipment & Supplies/Other	\$ 2,500	\$ (2,500)
Personnel	\$ 468,617	\$ 457,177	\$ 11,440	Personnel	\$ 486,144	\$ 17,527
<b>Total</b>	<b>\$ 718,617</b>	<b>\$ 661,705</b>	<b>\$ 56,912</b>		<b>\$ 738,644</b>	<b>\$ 20,027</b>
<b>Rule Revisions</b>						
<b>2021 Activity/Expense</b>	<b>2021 Budget</b>	<b>2021 Estimated Expenditures</b>	<b>2021 Generated Carryover</b>	<b>2022 Activity/Expense</b>	<b>2022 Budget</b>	<b>2021-2022 Budget Change</b>
Program Alignment	\$ -	\$ 51,945	\$ (51,945)	Program Alignment	\$ 15,000	\$ 15,000
<b>Total</b>	<b>\$ -</b>	<b>\$ 51,945</b>	<b>\$ (51,945)</b>		<b>\$ 15,000</b>	<b>\$ 15,000</b>

**Notes**

Calculated based on past multi-year average and year to date spending

Increased to provide additional funds towards high-level feasibility for potential opportunities through permitting.

Carryover from work contracted in 2019-2020 for legal and engineering support for rule revisions

Attachment 5 - DRAFT 2022 Planning & Projects Budget Summary

Planning & Projects						
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change
Strategic Planning	\$ 51,500	\$ 51,500	\$ -	Strategic Planning	\$ 25,000	\$ (26,500)
Policy Planning	\$ 5,000	\$ 5,000	\$ -	Policy Planning	\$ 30,000	\$ 25,000
Minnehaha Creek Planning	\$ 125,000	\$ 125,000	\$ -	Minnehaha Creek Planning	\$ 125,000	\$ -
Six Mile Creek-Halsted Bay Planning	\$ 100,000	\$ 100,000	\$ -	Six Mile Creek-Halsted Bay Planning	\$ 125,000	\$ 25,000
Responsive Planning	\$ 75,000	\$ 75,000	\$ -	Responsive Planning	\$ 75,000	\$ -
General Engineering and Legal	\$ 25,000	\$ 40,000	\$ (15,000)	General Engineering and Legal	\$ 25,000	\$ -
Training	\$ 6,300	\$ 3,150	\$ 3,150	Training	\$ 6,300	\$ -
Expenses/Mileage	\$ 7,700	\$ 3,850	\$ 3,850	Expenses/Mileage	\$ 7,700	\$ -
Printing/Publishing/Postage	\$ 2,500	\$ 1,250	\$ 1,250	Printing/Publishing/Postage	\$ 2,500	\$ -
Other/Miscellaneous	\$ 3,000	\$ 3,000	\$ -	Other/Miscellaneous	\$ 3,000	\$ -
Personnel	\$ 777,645	\$ 759,010	\$ 18,635	Personnel	\$ 802,437	\$ 24,792
<b>Total</b>	<b>\$ 1,178,645</b>	<b>\$ 1,166,760</b>	<b>\$ 11,885</b>		<b>\$ 1,226,937</b>	<b>\$ 48,292</b>
Project Maintenance and Land Management						
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change
Vegetation Maintenance	\$ 175,000	\$ 175,000	\$ -	Vegetation Maintenance	\$ 170,000	\$ (5,000)
Great River Greening Grant Match	\$ 5,000	\$ 5,000	\$ -	Great River Greening Grant Match	\$ -	\$ -
Stormwater Pond Dredging	\$ 271,500	\$ 21,000	\$ 250,500	Stormwater Pond Dredging	\$ 82,000	\$ (189,500)
Infrastructure Maintenance	\$ 160,000	\$ 60,000	\$ 100,000	Infrastructure Maintenance	\$ 1,365,430	\$ 1,205,430
Property Surveys	\$ 5,000	\$ -	\$ 5,000	Property Surveys	\$ 5,000	\$ -
Routine and Unplanned Maintenance	\$ 10,000	\$ 10,000	\$ -	Routine and Unplanned Maintenance	\$ 10,000	\$ -
Engineering and Legal Expenses	\$ 20,000	\$ 20,000	\$ -	Engineering and Legal Expenses	\$ 20,000	\$ -
Printing and Publishing Materials	\$ 500	\$ 150	\$ 350	Printing and Publishing Materials	\$ 500	\$ -
Staff Expenses, Trainings, and Mileage	\$ 4,000	\$ 2,000	\$ 2,000	Staff Expenses, Trainings, and Mileage	\$ 4,000	\$ -
Equipment and Supplies	\$ 500	\$ 5,700	\$ (5,200)	Equipment and Supplies	\$ 500	\$ -
Personnel	\$ 306,306	\$ 295,805	\$ 10,501	Personnel	\$ 316,782	\$ 10,476
<b>Total</b>	<b>\$ 957,806</b>	<b>\$ 594,655</b>	<b>\$ 363,151</b>		<b>\$ 1,974,212</b>	<b>\$ 1,021,406</b>

Notes

Continuation of 2021 strategic planning discussions (consultant support)  
 Increased for consultant support with climate planning and TAC engagement  
 Held flat for Greenway and MPLS continuation  
 Increased to previous planning levels with new initiatives in pipeline - East Auburn, Turbid-Lundsten, Halsted Bay  
 2021 expenditures increased for legal counsel related to Schaper mortgage  
 Used 50% as 2021 expenditure since remote; back to full in 2022  
 Used 50% as 2021 expenditure since remote; back to full in 2022  
 Used 50% as 2021 expenditure since remote; back to full in 2022  
 Twin Lakes Park Pond and Gleason Pond 1 are assumed to require dredging in winter 2022-2023 based on survey results.  
 Budgeting for 75% of Preserve boardwalk replacement costs depending on maintenance discussions, not fully reflective of volatility in commodity markets.  
 Used 50% as 2021 expenditure since remote; back to full in 2022  
 2020 equipment expenditures up due to turbidity rental for CVP, and Air Bubbler for USGS.

**Attachment 6 - DRAFT 2022 Outreach Budget Summary**

Outreach							Notes
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change	
<b>Supporting High-Impact Interpersonal Outreach</b>				<b>Supporting High-Impact Interpersonal Outreach</b>			
Communications advisors	\$ 30,000	\$ 30,000	\$ -	Communications advisors	\$ 30,000	\$ -	In addition to usual services, advisors will also be involved in replacing Outreach Manager
Subject matter experts	\$ 5,000	\$ 5,000	\$ -	Subject matter experts	\$ 5,000	\$ -	
Creators	\$ 30,000	\$ 30,000		Creators	\$ 30,000	\$ -	Reflects increased use of contracted creators as part of Outreach Manager transition
Government relations	\$ 30,000	\$ 30,000	\$ -	Government relations	\$ 30,000	\$ -	Joel Carlson government relations contracted moved from Operations in 2021
<b>Campaigns for Key Initiatives</b>			\$ -	<b>Campaigns for Key Initiatives</b>			
Events	\$ 15,000	\$ 5,000	\$ 10,000	Events	\$ 15,000	\$ -	
Producing and distributing materials	\$ 20,000	\$ 20,000	\$ -	Producing and distributing materials	\$ 20,000	\$ -	
Programming	\$ 20,000	\$ 5,000	\$ 15,000	Programming	\$ 20,000	\$ -	
Data collection	\$ 5,000	\$ 2,000	\$ 3,000	Data collection	\$ 5,000	\$ -	
Volunteer Engagement	\$ 3,000	\$ -	\$ 3,000	Volunteer Engagement	\$ 3,000	\$ -	
<b>Broad-based Outreach</b>				<b>Broad-based Outreach</b>			
District-wide publications	\$ 10,000	\$ 5,000	\$ 5,000	District-wide publications	\$ 10,000	\$ -	
Website copywriter/photographer	\$ 28,000	\$ -	\$ 28,000	Website copywriter/photographer	\$ 28,000	\$ -	
Broad-based engagement	\$ 10,000	\$ 6,000		Broad-based engagement	\$ 10,000	\$ -	Primarily for supporting the Watershed Partners and Adopt a Drain programs called for in the strategic outreach plan
<b>Program Administration</b>				<b>Program Administration</b>			
Analytics and tracking	\$ -			Analytics and tracking	\$ -	\$ -	
Staff mileage & expenses	\$ 2,000	\$ 1,000	\$ 1,000	Staff mileage & expenses	\$ 2,000	\$ -	
Staff training	\$ 15,000	\$ 5,000	\$ 10,000	Staff training	\$ 10,000	\$ (5,000)	A high amount for training -- 15K -- was budgeted as part of implementing the new program direction, including adopting a presentation, facilitation, and data visualization frameworks. Due to personnel changes, much of this will shift to 2022.
Legal fees	\$ 3,000	\$ 3,000	\$ -	Legal fees	\$ 3,000	\$ -	
Dues & subscriptions	\$ 4,000	\$ 4,000	\$ -	Dues & subscriptions	\$ 4,000	\$ -	
Personnel	\$ 289,344	\$ 198,601	\$ 90,743	Personnel	\$ 291,665	\$ 2,321	
<b>Total</b>	<b>\$ 519,344</b>	<b>\$ 349,601</b>	<b>\$ 169,743</b>		<b>\$ 516,665</b>	<b>\$ (2,679)</b>	



**Attachment 7 - DRAFT 2022 Research & Monitoring Budget Summary**

Research & Monitoring						
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change
<b>Watershed-wide Monitoring</b>				<b>Watershed-wide Monitoring</b>		
Assessing long-term change in streams & lakes	\$ 52,400	\$ 52,400	\$ -	Assessing long-term change in streams & lakes	\$ 58,300	\$ 5,900
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	\$ -
Dutch Lake inlet monitoring	\$ 800	\$ 800	\$ -	Dutch Lake inlet monitoring	\$ 800	\$ -
Long Lake Creek subwatershed monitoring	\$ 3,100	\$ 3,100	\$ -	Long Lake Creek subwatershed monitoring	\$ -	\$ (3,100)
<b>Minnehaha Creek Subwatershed Monitoring</b>			\$ -	<b>Minnehaha Creek Subwatershed Monitoring</b>		
325 Blake Road Project Monitoring	\$ 2,000		\$ 2,000	325 Blake Road Project Monitoring	\$ -	\$ (2,000)
Arden Park Project Monitoring	\$ 2,000	\$ -	\$ 2,000	Arden Park Project Monitoring	\$ 2,000	\$ -
Minneapolis Project Monitoring	\$ 5,000		\$ 5,000	Minneapolis Project Monitoring	\$ -	\$ (5,000)
<b>Six Mile Creek-Halsted Bay Monitoring</b>				<b>Six Mile Creek-Halsted Bay Monitoring</b>		
Six Mile Carp Project Monitoring	\$ 20,000	\$ 20,000	\$ -	Six Mile Carp Project Monitoring		\$ (20,000)
District match for LSOHC grant	\$ 11,500	\$ 4,000	\$ 7,500	Ongoing maintenance of Carp Management Project	\$ 50,000	\$ 38,500
Wetland Diagnostic/Project Support	\$ 10,000	\$ 10,000	\$ -	Wetland Diagnostic/Project Support	\$ -	\$ (10,000)
Wassermann West Project Monitoring	\$ 15,000	\$ 15,000	\$ -	Wassermann West Project Monitoring	\$ 15,000	\$ -
Contract Services	\$ 30,000	\$ 30,000	\$ -	Contract Services	\$ 30,000	\$ -
<b>Dam Optimization &amp; 2D Modeling</b>				<b>Dam Optimization &amp; 2D Modeling</b>		
Pilot Model Build to inform LCCMR Grant	\$ 242,100	\$ 121,050	\$ 121,050	Pilot Model Build to inform LCCMR Grant	\$ 121,050	\$ (121,050)
	\$ -	\$ -	\$ -	District Engineer Support for 2D Model	\$ 15,000	\$ 15,000
	\$ -	\$ -	\$ -	Legal Support for 2D model	\$ 35,000	\$ 35,000
	\$ -	\$ -	\$ -	LCCMR Grant to Build 2D model	\$ 171,000	\$ 342,050
Watershed Machine Learning Modeling	\$ 20,500	\$ 20,500	\$ -	Watershed Machine Learning Modeling	\$ -	\$ (20,500)
Dam Optimization	\$ 34,900	\$ 15,000	\$ 19,900	Dam Optimization	\$ 34,900	\$ -
<b>Program Administration</b>				<b>Program Administration</b>		
Equipment/Supplies	\$ 60,500	\$ 60,500	\$ -	Equipment/Supplies	\$ 30,000	\$ (30,500)
Repairs/maintenance	\$ 5,000	\$ 5,000	\$ -	Repairs/maintenance	\$ 15,000	\$ 10,000
Utilities	\$ 5,000	\$ 5,000	\$ -	Utilities	\$ 10,000	\$ 5,000
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	\$ 10,000	\$ 1,000	\$ 9,000	Staff Training	\$ 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	\$ 499,730	\$ 480,951	\$ 18,778	Personnel	\$ 513,012	\$ 13,282
	\$ 1,127,260	\$ 942,031	\$ 185,228		\$ 1,208,792	\$ 252,582
<b>Six Mile Creek-Halsted Bay Carp Management</b>						
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change
Lessard-Sams OHC funded activities	\$ 51,000	\$ 120,000	\$ (69,000)	Lessard-Sams OHC funded activities	\$ -	\$ (51,000)
<b>Total</b>	<b>\$ 51,000</b>	<b>\$ 120,000</b>	<b>\$ (69,000)</b>		<b>\$ -</b>	<b>\$ (51,000)</b>

Long Lake Creek only has anchor monitoring in 2022, which is reflected in the "Assessing Long-Term Change in streams and Lakes" line

no foreseeable monitoring costs for cottageville

Ceasing stormwater monitoring and using data to shift to modeling

LSOHC project complete in 2021

This represents continued carp removal to meet grant targets

Diagnostic work will occur in 2021 and then will move to planning

Keep flat

1) The pilot model will be 50% finished in 2021 and the remainder will be finished by mid-2022. 2) \$15k was added to the project for District Engineer support and \$35k was added for legal expenses to support development of datasharing MOUs for each city.

reduce budget since 2021 contained many 1 time expenses

anticipation of equipment repairs

Increase costs for resnet cellular plans and aeration costs

Keep flat

Keep flat

Keep flat

Keep flat

Keep flat

Keep flat

Keep flat

Project completed

**Attachment 8 - DRAFT 2022 Capital Improvement Plan Budget**

Project/Phase for 2022		2021 Carryover Detail							2022 Budget and Revenue		
Fund Code	Project Name	2020 EOY Balance	2021 Budget	2021 Estimated Expenditures	2021 Levy	2021 External Revenue	Assigned (carried to future years)	2021 Carryover	2022 Budget	2022 External Revenue (secured)	2022 Revenue Needs
<b>Responsive CIP</b>											
3500	Responsive CIP	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -
<b>Completed (to be closed)</b>											
<b>Warranty Phase</b>											
3147	Arden Park Stream Restoration	\$ 204,240	\$ 35,898	\$ 243,254	\$ -	\$ 227,985		\$ 188,971	\$ -		\$ (188,971)
3148	FEMA Flood Repairs	\$ 41,237	\$ 9,000	\$ -			\$ 8,745	\$ 32,492	\$ 8,745		\$ (23,747)
3153	Wasserman West	\$ 143,380	\$ 53,603	\$ 370,522	\$ -	\$ 286,689	\$ 11,700	\$ 47,847	\$ 13,000		\$ (34,847)
3106	Six Mile Marsh Prairie Restoration (Trail)	\$ 192,500	\$ 347,851	\$ 347,851	\$ 172,851			\$ 17,500	\$ 17,500		\$ -
<b>Design/Construction</b>											
3145	325 Blake Stormwater and Demo	\$ 2,468,820	\$ 3,932,070	\$ 713,594	\$ 923,262	\$ 50,000	\$ 52,000	\$ 2,676,488	\$ 3,264,570	\$ 445,000	\$ 143,082
3146	Cottageville Park Phase II	\$ 331,854	\$ 324,954	\$ 27,600	\$ -		\$ 55,854	\$ 248,400	\$ 248,400		\$ -
3150	Meadowbrook Golf Course Restoration	\$ 513,353	\$ 200,673	\$ -	\$ -			\$ 513,353	\$ 200,673		\$ (312,680)
3155	Minneapolis Stormwater	\$ 640,373	\$ 250,000	\$ -	\$ 92,477		\$ 1,250,000	\$ (517,150)	\$ 250,000		\$ 767,150
3152	SWLRT Stream Enhancement	\$ 254,665	\$ 255,000	\$ 12,750	\$ 255,000		\$ 459,000	\$ 37,915	\$ 38,250		\$ 335
3156	Wassermann Internal Load Management	\$ 49,892	\$ 157,950	\$ 126,714	\$ -	\$ 126,714		\$ 49,892	\$ 189,186	\$ 158,006	\$ (18,712)
31XX	Louisiana Trail Greenspace and Stormwater	\$ -							\$ 300,000		\$ 300,000
31XX	Turbid-Lunsten Wetland Restoration	\$ -							\$ 250,000		\$ 250,000
<b>Planning/Concept</b>											
	Boone-Aquila Floodplain	\$ -									\$ -
	East Auburn Wetland Restoration	\$ -									\$ -
	Mud Lake Restoration Phase I	\$ -									\$ -
	Pierson Lake Headwaters Restoration	\$ -									\$ -
	Painter Creek Wetland Restoration (Potato)	\$ -									\$ -
<b>CIP Total</b>		<b>\$5,090,314</b>	<b>\$ 5,566,999</b>	<b>\$ 1,842,285</b>	<b>\$ 1,443,590</b>	<b>\$ 691,388</b>	<b>\$ 2,087,299</b>	<b>\$ 3,295,708</b>	<b>\$ 4,780,324</b>	<b>\$ 603,006</b>	<b>\$ 881,610</b>
2004	Capital Finance Account	\$ 8,942,248	\$ 2,713,652	\$ 2,831,750	\$ 2,548,679	\$ 11,220	\$ 8,673,150	\$ (2,753)	\$ 2,758,468	\$ 11,220	\$ 2,750,000
<b>Total</b>		<b>\$14,032,562</b>	<b>\$ 8,280,651</b>	<b>\$ 4,674,035</b>	<b>\$ 3,992,269</b>	<b>\$ 702,608</b>	<b>\$ 10,760,448</b>	<b>\$ 3,292,956</b>	<b>\$ 7,538,791</b>	<b>\$ 614,226</b>	<b>\$ 3,631,610</b>

**Attachment 9 - MCWD Capital Finance**

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	Land Conservation Receipts	Transfer In/ Reimbursement	Transfer Out/ Expenditure	Land Conservation Fund
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	\$ 2,831,749.75	\$ 2,559,899.00	\$ -	\$ -	\$ 8,670,397.25
2022	\$ -	\$ -	\$ 462,237.50	\$ 479,000.00	\$ -	\$ 148,930.00	\$ 1,668,300.00	\$ 2,758,467.50	\$ 2,750,000.00	\$ -	\$ -	\$ 8,661,929.75
2023	\$ -	\$ -	\$ 460,137.50	\$ 479,000.00	\$ -	\$ 161,380.00	\$ 3,112,200.00	\$ 4,212,717.50	\$ 2,750,000.00	\$ -	\$ -	\$ 7,199,212.25
2024	\$ -	\$ -	\$ 462,937.50	\$ 478,250.00	\$ -	\$ 158,680.00	\$ -	\$ 1,099,867.50	\$ 2,750,000.00	\$ -	\$ -	\$ 8,849,344.75
2025	\$ -	\$ -	\$ 460,537.50	\$ 476,750.00	\$ -	\$ 160,930.00	\$ -	\$ 1,098,217.50	\$ 2,750,000.00	\$ -	\$ -	\$ 10,501,127.25
2026	\$ -	\$ -	\$ 463,037.50	\$ 479,500.00	\$ -	\$ 158,130.00	\$ -	\$ 1,100,667.50	\$ 2,750,000.00	\$ -	\$ -	\$ 12,150,459.75
2027	\$ -	\$ -	\$ 459,375.00	\$ 476,250.00	\$ -	\$ 160,280.00	\$ -	\$ 1,095,905.00	\$ 2,750,000.00	\$ -	\$ -	\$ 13,804,554.75
2028	\$ -	\$ -	\$ 460,600.00	\$ 482,250.00	\$ -	\$ 162,330.00	\$ -	\$ 1,105,180.00	\$ 2,750,000.00	\$ -	\$ -	\$ 15,449,374.75
2029	\$ -	\$ -	\$ 461,600.00	\$ 477,000.00	\$ -	\$ 159,330.00	\$ -	\$ 1,097,930.00	\$ 2,750,000.00	\$ -	\$ -	\$ 17,101,444.75
2030	\$ -	\$ -	\$ 464,300.00	\$ 481,000.00	\$ -	\$ 157,005.00	\$ -	\$ 1,102,305.00	\$ 2,750,000.00	\$ -	\$ -	\$ 18,749,139.75
2031	\$ -	\$ -	\$ 461,550.00	\$ 288,750.00	\$ -	\$ 160,250.00	\$ -	\$ 910,550.00	\$ 2,750,000.00	\$ -	\$ -	\$ 20,588,589.75
2032	\$ -	\$ -	\$ 463,500.00	\$ -	\$ -	\$ 163,280.00	\$ -	\$ 626,780.00	\$ 2,750,000.00	\$ -	\$ -	\$ 22,711,809.75
2033	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 161,120.00	\$ -	\$ 161,120.00	\$ 2,750,000.00	\$ -	\$ -	\$ 25,300,689.75

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

\*\* Capital Finance used to strategically maximize capacity for project implementation by (1) servicing debt issued by MCWD partners for capital improvements – distributing capital costs over time and future tax paying beneficiaries, (2) providing flexible and strategic reserves for planned and unplanned opportunities to improve the watershed, and (3) minimizing levy volatility by supporting short term cash flow needs.