



Title: 2022 Budget Discussion

Prepared by: Name: James Wisker
Phone: 952.641.4509
jwisker@minnehahacreek.org

Purpose:

At the June 10, 2021 Operations and Programs Committee (OPC) Meeting, staff will provide a brief update on the development of the 2022 budget and its strategic alignment. Subsequent budget discussions in July and August will focus on refinements made, and communicating the District's 2021 workplan.

Background:

The June 10, 2021 OPC Meeting builds on the following 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

During the course of these meetings Board members have discussed the budget and levy, reviewed the budget components in detail, and directed staff to continue the process of refining the 2022 budget.

2021 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 are summarized in more detail in the CIP section of this memo, but 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-Levy Projection - Overview:

No significant changes have been made since the Board’s most recent briefing in May, 2021.

Current projections for 2022 show a balanced budget of \$15,015,982. Relative to 2021, this preliminary 2022 projection represents a 2% or \$299,562 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	\$5,668,700	\$ 1,116,028	25%
Capital finance	\$2,713,653	\$2,758,468	\$ 44,815	2%
Capital projects	\$5,566,999	\$4,780,324	\$ (786,675)	-14%
TOTAL	\$14,716,421	\$15,015,982	\$ 299,561	2%

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	\$1,362,808	\$ 48,847	4%
Grants and partner funds	\$709,801	\$603,006	\$ (106,795)	-15%
Interest, permit fees, reimbursemer	\$169,220	\$81,220	\$ (88,000)	-52%
TOTAL	\$14,716,421	\$15,015,982	\$ 299,561	2%

2021 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 (debt service) – *(Attachment 9)*

Conclusion:

At the Jun 10, 2021 OPC, staff will provide a brief update on the development and refinement of the 2022 budget. If there are questions in advance of the meeting, please contact James Wisker at Jwisker@minnehahacreek.org.

Table 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	\$5,668,700	\$ 1,116,028	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
TOTAL	\$14,716,421	\$15,015,982	\$ 299,561	2%	

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	\$1,362,808	\$ 48,847	4%	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
TOTAL	\$14,716,421	\$15,015,982	\$ 299,561	2%	

2021 REVENUE - EXPENDITURES Δ **\$0**

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 ¹	Assigned (carried to future years)	2021 Carryover (transferred to CIP)	2022 Budget	2022 External Revenue ¹	2022 Revenue Needs	\$ Change	% Change
1002	General Operations	\$ 1,990,767	\$ 1,077,848	\$ 1,044,832	1,007,848	\$ 5,000	\$ 2,562,050	\$ (603,268)	\$ 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%
Operations Subtotal		\$ 2,653,978	\$ 1,883,098	\$ 1,370,832	\$ 1,270,053	\$ 5,000	\$ 2,562,050	\$ (3,852)	\$ 1,808,491	\$ 10,000	\$ 1,798,491	\$ (74,606)	-4%
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	\$ -	\$ 44,898	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Permitting Subtotal		\$ 44,898	\$ 718,617	\$ 706,603	\$ 630,617	\$ 60,000	\$ -	\$ 28,912	\$ 738,644	\$ 60,000	\$ 678,644	\$ 20,027	3%
2002	Planning & Projects	\$ 198,062	\$ 1,178,645	\$ 1,166,760	1,178,645	\$ 26,252	\$ -	\$ 236,199	\$ 1,216,937	\$ -	\$ 1,216,937	\$ 38,292	3%
2003	Project Maint. & Land Mgmt	\$ 24,164	\$ 957,806	\$ 740,305	957,806	\$ -	\$ -	\$ 241,665	\$ 2,163,712	\$ -	\$ 2,163,712	\$ 1,205,906	126%
Planning & Projects Subtotal		\$ 222,226	\$ 2,136,451	\$ 1,907,066	\$ 2,136,451	\$ 26,252	\$ -	\$ 477,864	\$ 3,380,649	\$ -	\$ 3,380,649	\$ 1,244,198	58%
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%
Outreach Subtotal		\$ 533,856	\$ 519,344	\$ 349,601	\$ 519,344	\$ -	\$ 411,184	\$ 292,415	\$ 516,665	\$ -	\$ 516,665	\$ (2,679)	-1%
5001	Research & Monitoring	\$ 225,289	\$ 1,127,260	\$ 942,031	1,127,260	\$ 11,200	\$ -	\$ 421,717	\$ 1,032,742	\$ -	\$ 1,032,742	\$ (94,518)	-8%
5007	Six Mile Creek-Halsted Bay Carp Mgmt	\$ 86,878	\$ 51,000	\$ 120,000	\$ -	\$ 178,874	\$ -	\$ 145,752	\$ -	\$ -	\$ -	\$ (51,000)	-100%
Research & Monitoring Subtotal		\$ 312,167	\$ 1,178,260	\$ 1,062,031	\$ 1,127,260	\$ 190,074	\$ -	\$ 567,469	\$ 1,032,742	\$ -	\$ 1,032,742	\$ (145,518)	-12%
Operations and Programs Total		\$ 3,767,125	\$ 6,435,769	\$ 5,396,133	\$ 5,683,724	\$ 281,326	\$ 2,973,234	\$ 1,362,808	\$ 7,477,191	\$ 70,000	\$ 7,407,191	\$ 1,041,422	16%

Notes

¹External revenue includes interest (Fund 1002), permit fee reimbursement (2001), East Auburn grant (2002), Long Lake Creek Assessment grant (5001), and LSOHC grant (5007).

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
Total	\$ 1,077,848	\$ 1,044,832	\$ 33,015		\$ 1,087,491	\$ 9,644
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
Total	\$ 419,250	\$ 326,000	\$ 93,250		\$ 335,000	\$ (84,250)
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	\$ -
Total	\$ 386,000	\$ -	\$ 386,000		\$ 386,000	\$ -

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

Permit Administration						
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change
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
Total	\$ 718,617	\$ 661,705	\$ 56,912		\$ 738,644	\$ 20,027
Rule Revisions						
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change
Program Alignment	\$ -	\$ 44,898	\$ (44,898)	Program Alignment		\$ -
Total	\$ -	\$ 44,898	\$ (44,898)		\$ -	\$ -

Notes

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

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	\$ 20,000	\$ (31,500)
Policy Planning	\$ 5,000	\$ 5,000	\$ -	Policy Planning	\$ 25,000	\$ 20,000
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
Total	\$ 1,178,645	\$ 1,166,760	\$ 11,885		\$ 1,216,937	\$ 38,292
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	\$ -	\$ (5,000)
Stormwater Pond Dredging	\$ 271,500	\$ 71,500	\$ 200,000	Stormwater Pond Dredging	\$ 271,500	\$ -
Infrastructure Maintenance	\$ 160,000	\$ 160,000	\$ -	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	\$ 500	\$ -	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	\$ 500	\$ -	Equipment and Supplies	\$ 500	\$ -
Personnel	\$ 306,306	\$ 295,805	\$ 10,501	Personnel	\$ 316,782	\$ 10,476
Total	\$ 957,806	\$ 740,305	\$ 217,501		\$ 2,163,712	\$ 1,205,906

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

Pond survey results delivered June 2021 will allow for budget refinement. Twin Lakes Park Pond and Gleason Pond 1 area assumed to require dredging in winter 2021-2022.
 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

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	
Supporting High-Impact Interpersonal Outreach				Supporting High-Impact Interpersonal Outreach			
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	\$ -	
Government relations	\$ 30,000	\$ 30,000	\$ -	Government relations	\$ 30,000	\$ -	
Campaigns for Key Initiatives			\$ -	Campaigns for Key Initiatives			
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	\$ -	
Broad-based Outreach				Broad-based Outreach			
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
Program Administration				Program Administration			
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	
Total	\$ 519,344	\$ 349,601	\$ 169,743		\$ 516,665	\$ (2,679)	

Attachment 7 - DRAFT 2022 Research & Monitoring Budget Summary

Research & Monitoring							Notes
2021 Activity/Expense	2021 Budget	2021 Estimated Expenditures	2021 Generated Carryover	2022 Activity/Expense	2022 Budget	2021-2022 Budget Change	
Watershed-wide Monitoring				Watershed-wide Monitoring			
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)	Long Lake Creek only has anchor monitoring in 2022, which is reflected in the "Assessing Long-Term Change in streams and Lakes" line
Minnehaha Creek Subwatershed Monitoring				Minnehaha Creek Subwatershed Monitoring			
325 Blake Road Project Monitoring	\$ 2,000		\$ 2,000	325 Blake Road Project Monitoring	\$ -	\$ (2,000)	no foreseeable monitoring costs for cottageville
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)	R&M is recommending that we no longer conduct stormwater monitoring for Minneapolis projects and rely solely on modeling information for project prioritization
Six Mile Creek-Halsted Bay Monitoring				Six Mile Creek-Halsted Bay Monitoring			
Six Mile Carp Project Monitoring	\$ 20,000	\$ 20,000	\$ -	Six Mile Carp Project Monitoring		\$ (20,000)	LSOHC project complete in 2021
District match for LSOHC grant	\$ 11,500	\$ 4,000	\$ 7,500	District match for LSOHC grant	\$ 50,000	\$ 38,500	This represents continued carp removal to meet grant targets
Wetland Diagnostic/Project Support	\$ 10,000	\$ 10,000	\$ -	Wetland Diagnostic/Project Support	\$ -	\$ (10,000)	Diagnostic work will occur in 2021 and then will move to planning
Wassermann West Project Monitoring	\$ 15,000	\$ 15,000	\$ -	Wassermann West Project Monitoring	\$ 15,000	\$ -	
Contract Services	\$ 30,000	\$ 30,000	\$ -	Contract Services	\$ 30,000	\$ -	Keep flat
Dam Optimization & 2D Modeling				Dam Optimization & 2D Modeling			
2D Watershed Modeling	\$ 242,100	\$ 121,050	\$ 121,050	2D Watershed Modeling	\$ 166,000	\$ (76,100)	
Watershed Machine Learning Modeling	\$ 20,500	\$ 20,500	\$ -	Watershed Machine Learning Modeling	\$ -	\$ (20,500)	1) the 2D modeling will be 50% finished by the end of 2021. The remainder of the project will occur in 2022. 2) Watershed machine learning consultant review will be completed in 2021. Dam optimization work will not start in earnest until 3rd quarter.
Dam Optimization	\$ 34,900	\$ 15,000	\$ 19,900	Dam Optimization	\$ 34,900	\$ -	
Program Administration				Program Administration			
Equipment/Supplies	\$ 60,500	\$ 60,500	\$ -	Equipment/Supplies	\$ 30,000	\$ (30,500)	reduce budget since 2021 contained many 1 time expenses
Repairs/maintenance	\$ 5,000	\$ 5,000	\$ -	Repairs/maintenance	\$ 15,000	\$ 10,000	anticipation of equipment repairs
Utilities	\$ 5,000	\$ 5,000	\$ -	Utilities	\$ 10,000	\$ 5,000	Increase costs for resnet cellular plans and aeration costs
Boat Expenses	\$ 5,000	\$ 5,000	\$ -	Boat Expenses	\$ 5,000	\$ -	Keep flat
Publishing/Postage	\$ 2,000	\$ 2,000	\$ -	Publishing/Postage	\$ 2,000	\$ -	Keep flat
Engineering/Consulting	\$ 15,000	\$ 15,000	\$ -	Engineering/Consulting	\$ 15,000	\$ -	Keep flat
Legal	\$ 5,000	\$ 5,000	\$ -	Legal	\$ 5,000	\$ -	Keep flat
Staff Training	\$ 10,000	\$ 1,000	\$ 9,000	Staff Training	\$ 10,000	\$ -	Keep flat
Staff/meeting expenses	\$ 8,000	\$ 8,000	\$ -	Staff/meeting expenses	\$ 8,000	\$ -	Keep flat
Dues/subscriptions	\$ 4,000	\$ 4,000	\$ -	Dues/subscriptions	\$ 4,000	\$ -	Keep flat
Personnel	\$ 499,730	\$ 480,951	\$ 18,778	Personnel	\$ 513,012	\$ 13,282	
	\$ 1,127,260	\$ 942,031	\$ 185,228		\$ 1,032,742	\$ (94,518)	
Six Mile Creek-Halsted Bay Carp Management							
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)	Project completed
Total	\$ 51,000	\$ 120,000	\$ (69,000)		\$ -	\$ (51,000)	

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
Responsive CIP											
3500	Responsive CIP	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -
Completed (to be closed)											
Warranty Phase											
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		\$ -
Design/Construction											
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 Enhancemnt	\$ 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		\$ -
31XX	Turbid-Lunsten Wetland Restoration	\$ -							\$ 250,000		\$ 250,000
Planning/Concept											
	Boone-Aquila Floodplain	\$ -									\$ -
	East Auburn Wetland Restoration	\$ -									\$ -
	Mud Lake Restoration Phase I	\$ -									\$ -
	Pierson Lake Headwaters Restoration	\$ -									\$ -
	Painter Creek Wetland Restoration (Potato)	\$ -									\$ -
CIP Total		\$5,090,314	\$ 5,566,999	\$ 1,842,285	\$ 1,443,590	\$ 691,388	\$ 2,087,299	\$ 3,295,708	\$ 4,780,324	\$ 603,006	\$ 581,610
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
Total		\$14,032,562	\$ 8,280,651	\$ 4,674,035	\$ 3,992,269	\$ 702,608	\$ 10,760,448	\$ 3,292,956	\$ 7,538,791	\$ 614,226	\$ 3,331,610

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.