

**RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT**  
**Fund Performance Analysis - Table 1**  
**December 31, 2019**

2	3	4	From Fund Performance Analysis - Table 1 May 31, 2021	Transfers that occurred or are suggested during 2021	Revised 2021 Budget	From July Treasurer's Report Table 1	FY 2022 Budget Funding Sources					
			2021 Budget	Fund Transfers		Actual Spent Year-to-Date	Year to Date Percent of Budget	Projected End of Year Remaining	Projected Carry Over Budget	Grants	Partners & Other Sources	Proposed 2022 Levy
4	<b>REVENUES</b>											
5	Plan Implementation Levy	\$ 3,575,000	\$ -	\$ 3,575,000		0.00%	\$ -	\$ -	\$ -	\$ -	\$ 3,575,000	\$ 3,575,000
6	Permit	\$ 25,000	\$ -	\$ 25,000		0.00%	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000
7	Grant Income	\$ 272,580	\$ -	\$ 272,580		0.00%	\$ -	\$ -	\$ 71,933	\$ -	\$ -	\$ 71,933
8	Investment Income	\$ 30,000	\$ -	\$ 30,000		0.00%	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ 30,000
9	Past Levies (Carry Overs)	\$ 3,204,427	\$ -	\$ 3,204,427		0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,355,058
10	Miscellaneous Income	\$ -	\$ -	\$ -		---	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Reimbursements	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Partner Funds	\$ 451,000	\$ -	\$ 451,000		0.00%	\$ -	\$ -	\$ -	\$ 272,000	\$ -	\$ 272,000
13	<b>TOTAL REVENUE</b>	<b>\$ 7,558,007</b>	<b>\$ -</b>	<b>\$ 7,558,007</b>	<b>\$ -</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 71,933</b>	<b>\$ 327,000</b>	<b>\$ 3,575,000</b>	<b>\$ 7,328,991</b>
14	<b>EXPENDITURES</b>											
15	<b>Administration</b>											
16	Audit	\$ 15,000	\$ -	\$ 15,000	\$ 14,400	96.00%	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
18	Accounting	\$ 31,000	\$ -	\$ 31,000	\$ 19,366	62.47%	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
19	Advisory Committees	\$ 7,000	\$ -	\$ 7,000	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000
20	Insurance and bonds	\$ 18,000	\$ -	\$ 18,000	\$ 414	2.30%	\$ -	\$ -	\$ -	\$ -	\$ 21,000	\$ 21,000
21	Engineering Services	\$ 112,000	\$ -	\$ 112,000	\$ 66,783	59.63%	\$ -	\$ -	\$ -	\$ -	\$ 132,000	\$ 132,000
22	Legal Services	\$ 84,000	\$ -	\$ 84,000	\$ 43,697	52.02%	\$ -	\$ -	\$ -	\$ -	\$ 108,000	\$ 108,000
23	Manager Per Diem/Expense	\$ 30,000	\$ -	\$ 30,000	\$ 9,544	31.81%	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
24	Dues and Publications	\$ 16,000	\$ -	\$ 16,000	\$ 9,006	56.29%	\$ -	\$ -	\$ -	\$ -	\$ 16,000	\$ 16,000
25	Office Cost	\$ 190,000	\$ -	\$ 190,000	\$ 69,589	36.63%	\$ -	\$ -	\$ -	\$ -	\$ 191,000	\$ 191,000
26	Permit Review and Inspection	\$ 140,000	\$ -	\$ 140,000	\$ 94,689	67.64%	\$ -	\$ -	\$ -	\$ -	\$ 160,000	\$ 160,000
27	Permit and Grant Database	\$ -	\$ -	\$ -	\$ 10,750	#DIV/0!	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
28	Professional Services	\$ 10,000	\$ -	\$ 10,000	\$ 12,336	---	\$ -	\$ -	\$ -	\$ -	\$ 17,400	\$ 17,400
29	Recording Services	\$ 15,000	\$ -	\$ 15,000	\$ 7,500	50.00%	\$ -	\$ -	\$ -	\$ -	\$ 15,500	\$ 15,500
30	Staff Cost	\$ 802,054	\$ -	\$ 802,054	\$ 247,177	30.82%	\$ 130,000	\$ 130,000	\$ -	\$ -	\$ 659,681	\$ 789,681
31	<b>Subtotal</b>	<b>\$ 1,470,054</b>	<b>\$ -</b>	<b>\$ 1,470,054</b>	<b>\$ 605,251</b>	<b>41.17%</b>	<b>\$ 130,000</b>	<b>\$ 130,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,445,581</b>	<b>\$ 1,575,581</b>
32	<b>Programs and Projects</b>											
33	<b>District Wide</b>											
34	10-year Management Plan	\$ 10,000	\$ -	\$ 10,000	\$ 4,349	43.49%	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000
35	AIS Inspection and early response	\$ 85,000	\$ -	\$ 85,000	\$ 14,018	16.49%	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 53,000	\$ 68,000
36	Cost-share/ Stewardship Grant	\$ 346,735	\$ -	\$ 346,735	\$ 52,605	15.17%	\$ 110,000	\$ 110,000	\$ -	\$ -	\$ 100,000	\$ 260,000
37	Data Collection and Monitoring	\$ 193,000	\$ -	\$ 193,000	\$ 137,913	71.46%	\$ -	\$ -	\$ -	\$ -	\$ 213,000	\$ 213,000
38	Community Resiliency	\$ 111,058	\$ -	\$ 111,058	\$ 7,597	6.84%	\$ 30,000	\$ 30,000	\$ 40,000	\$ -	\$ 60,000	\$ 130,000
39	Education and Outreach	\$ 100,834	\$ -	\$ 100,834	\$ 14,897	14.77%	\$ 71,000	\$ 71,000	\$ -	\$ -	\$ 29,000	\$ 100,000
40	Plant Restoration - U of M	\$ 61,613	\$ -	\$ 61,613	\$ 9,475	15.38%	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
41	Repair and Maintenance Fund	\$ 212,540	\$ (113,000)	\$ 99,540	\$ 170	0.17%	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
42	Wetland Management*	\$ 111,248	\$ -	\$ 111,248	\$ 94,715	85.14%	\$ -	\$ -	\$ -	\$ -	\$ 157,000	\$ 157,000
43	Groundwater Conservation* (120 K Grant and Pilot Project timing)	\$ 229,444	\$ -	\$ 229,444	\$ 450	0.20%	\$ 220,000	\$ 220,000	\$ -	\$ -	\$ -	\$ 220,000
44	Lake Vegetation Implementation	\$ 83,083	\$ -	\$ 83,083	\$ 12,828	15.44%	\$ 13,000	\$ 13,000	\$ -	\$ -	\$ 63,000	\$ 76,000
45	Opportunity Project*	\$ 317,480	\$ (217,000)	\$ 100,480	\$ -	0.00%	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 150,000	\$ 250,000
46	Stormwater Ponds - U of M	\$ 67,164	\$ -	\$ 67,164	\$ 36,719	54.67%	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
47	Hennepin County Chloride Initiative	\$ 92,971	\$ -	\$ 92,971	\$ 4,975	5.35%	\$ 90,000	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000
48	Lower Minnesota Chloride Cost-Share	\$ 217,209	\$ -	\$ 217,209	\$ -	0.00%	\$ 195,000	\$ 195,000	\$ -	\$ -	\$ -	\$ 195,000
49	<b>Subtotal</b>	<b>\$ 2,239,379</b>	<b>\$ (330,000)</b>	<b>\$ 1,909,379</b>	<b>\$ 390,711</b>	<b>20.46%</b>	<b>\$ 1,014,000</b>	<b>\$ 1,014,000</b>	<b>\$ 40,000</b>	<b>\$ -</b>	<b>\$ 905,000</b>	<b>\$ 2,009,000</b>
50	<b>Bluff Creek</b>											
51	Bluff Creek Tributary*	\$ 7,251	\$ -	\$ 7,251	\$ -	0.00%	\$ 2,000	\$ 2,000	\$ -	\$ -	\$ 3,000	\$ 5,000
52	Wetland Restoration at Pioneer	\$ 665,285	\$ -	\$ 665,285	\$ 63,663	9.57%	\$ 447,000	\$ 447,000	\$ 31,933	\$ -	\$ -	\$ 478,933
53	Bluff Creek B5 by Galpin	\$ 140,000	\$ -	\$ 140,000	\$ -		\$ 120,000	\$ 120,000	\$ -	\$ -	\$ -	\$ 120,000
54	<b>Subtotal</b>	<b>\$ 812,536</b>	<b>\$ -</b>	<b>\$ 812,536</b>	<b>\$ 63,663</b>	<b>7.84%</b>	<b>\$ 569,000</b>	<b>\$ 569,000</b>	<b>\$ 31,933</b>	<b>\$ -</b>	<b>\$ 3,000</b>	<b>\$ 603,933</b>
55	<b>Riley Creek</b>											
56	Lake Riley - Alum Treatment*	\$ 62,885	\$ -	\$ 62,885	\$ -	0.00%	\$ 43,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
57	Rice Marsh Lake in-lake phosphorus load	\$ 45,636	\$ -	\$ 45,636	\$ 4,159	9.11%	\$ 26,000	\$ 26,000	\$ -	\$ -	\$ -	\$ 26,000
58	Rice Marsh Lake Water Quality Improvement Phase 1	\$ 634,147	\$ -	\$ 634,147	\$ 56,272	8.87%	\$ 149,000	\$ 149,000	\$ 5,000	\$ -	\$ 74,000	\$ 228,000
59	Riley Creek Restoration (Reach E and D3)	\$ 107,047	\$ -	\$ 107,047	\$ 9,235	8.63%	\$ 78,000	\$ 78,000	\$ -	\$ -	\$ -	\$ 78,000
60	Lake Riley & Rice Marsh Lake Subwatershed Pond Assessment	\$ -	\$ -	\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
61	Upper Riley Creek Stabilization	\$ 902,025	\$ -	\$ 902,025	\$ 27,441	3.04%	\$ 847,000	\$ 847,000	\$ -	\$ -	\$ 600,000	\$ 1,447,000
62	Middle Riley Creek	\$ 192,363	\$ 352,000	\$ 544,363	\$ 72,457	13.31%	\$ -	\$ -	\$ 58,000	\$ -	\$ 3,000	\$ 61,000
63	Lake Ann Wetland Restoration	\$ 50,000	\$ (50,000)	\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64	St Hubert Water Quality Project	\$ 147,063	\$ -	\$ 147,063	\$ 78,054	17.85%	\$ 31,000	\$ 31,000	\$ -	\$ 15,000	\$ -	\$ 46,000
65	<b>Subtotal</b>	<b>\$ 2,141,166</b>	<b>\$ 302,000</b>	<b>\$ 2,733,387</b>	<b>\$ 247,618</b>	<b>9.06%</b>	<b>\$ 1,174,000</b>	<b>\$ 1,151,000</b>	<b>\$ -</b>	<b>\$ 78,000</b>	<b>\$ 677,000</b>	<b>\$ 1,906,000</b>
66	<b>Purgatory Creek</b>											
67	Purgatory Creek Rec Area- Berm/retention area - Design/Construction	\$ 34,899	\$ 113,000	\$ 147,899	\$ 4,635	3.13%	\$ 113,000	\$ 113,000	\$ -	\$ 112,000	\$ -	\$ 225,000
68	Lotus Lake in-lake phosphorus load control	\$ 79,226	\$ -	\$ 79,226	\$ -	0.00%	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
69	Silver Lake Water Quality BMP	\$ 207,208	\$ -	\$ 207,208	\$ 38,830	18.74%	\$ 46,000	\$ 46,000	\$ -	\$ -	\$ -	\$ 46,000
70	Scenic Heights	\$ 92,041	\$ (85,000)	\$ 7,041	\$ 2,983	42.37%	\$ 4,058	\$ 4,058	\$ -	\$ -	\$ -	\$ 4,058
71	Hyland Lake in-lake phosphorus load control	\$ 20,000	\$ -	\$ 20,000	\$ -	0.00%	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
72	Duck Lake Watershed Load	\$ 32,120	\$ -	\$ 32,120	\$ 4,376	13.62%	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
73	Mitchell Lake Subwatershed Pond Assessment	\$ -	\$ -	\$ -	\$ -	#DIV/0!	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
74	Lotus Lake Kerber Pond Ravine	\$ 14,380	\$ -	\$ 14,380	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
75	Duck Lake Road Partnership	\$ 235,000	\$ -	\$ 235,000	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 235,000	\$ 235,000
76	Lotus Lake Watershed Improvement Project (LL_1, LL_3, LL_7, LL_8)	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
77	<b>Subtotal</b>	<b>\$ 714,872</b>	<b>\$ 28,000</b>	<b>\$ 742,872</b>	<b>\$ 50,824</b>	<b>6.84%</b>	<b>\$ 288,058</b>	<b>\$ 288,058</b>	<b>\$ -</b>	<b>\$ 112,000</b>	<b>\$ 560,000</b>	<b>\$ 960,058</b>
78	Reserve	\$ 180,000	\$ -	\$ 180,000	\$ -	0.00%	\$ 180,000	\$ 180,000	\$ -	\$ -	\$ 50,000	\$ 230,000
79	<b>TOTAL EXPENDITURE</b>	<b>\$ 7,558,007</b>	<b>\$ -</b>	<b>\$ 7,848,228</b>	<b>\$ 1,358,066</b>	<b>17.30%</b>	<b>\$ 3,355,058</b>	<b>\$ 3,332,058</b>	<b>\$ 71,933</b>	<b>\$ 190,000</b>	<b>\$ 3,640,581</b>	<b>\$ 7,284,572</b>
80	<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<b>\$ (0)</b>	<b>\$ -</b>	<b>\$ (290,221)</b>	<b>\$ -</b>						<b>\$ (65,581)</b>	<b>\$ 44,419</b>
	QC Check	\$ 7,558,007	\$ -	\$ 7,848,228	\$ 1,358,066		\$ 3,355,058	\$ 3,332,058	\$ 71,933	\$ 190,000	\$ 3,640,581	\$ 7,284,572

\*Denotes Multi-Year Project - See Table 2 for details

% Change 1.8% -7.2%

County	Payable Net Tax Capacity	Net Tax Capacity Percent Distribution	Apportioned Payable 2022	\$ 3,575,000
Hennepin County	\$ 123,548,402	76%	\$ 2,722,749	
Carver County	\$ 38,672,148	24%	\$ 852,251	
Watershed Total	\$ 162,220,550	100%	NA	

Line Item Description:

Grants

Description	Estimated Revenue
MPCA	\$40,000
Watershed Implementation- Pioneer wetland	\$31,933
Grant3	
Grant4	
Grant5	
Grant6	
Total	\$71,933

Line Item Description: Investment Income

Description	Estimated Revenue	
Investment 1	\$30,000	Terry to Update
Investment 2		Terry to Update
Investment 3		Terry to Update
Investment 4		Terry to Update
Investment 5		Terry to Update
Investment 6		
Total	\$30,000	

Line Item Description: Contributions from project partners for the construction of CIPs and partner assistance

Description	Estimated Revenue	
RML 12 MH Structure	\$5,000	Manhole in Park
St Hubert	\$15,000	\$15,000 for each of the next three years
Pioneer Wetland	\$135,000	Remainder of \$300,000 (after city property purchase) from city of Chanhassen connected to Avienda Development
PCCA Berm	\$112,000	Assumes 50/50 cost split on construction repairs
NMCWD Fisheries Assistance	\$5,000	Assumes fisheries assistance for one NMCWD lake
Fund6		
Total	\$272,000	

Table 1 - Line Item	Description	Details	Breakdown	2022 Budget Amount	Comments
17	Audit	Annual Audit		\$15,000	2021 Audit \$13,400 but Auditor under estimated level of effort
18	Accounting	Accounting Services		\$45,000	
			Monthly Invoicing Services	\$15,600	Have been spending about \$1300 per month in 2021
			Data Requests and Misc. assistance	\$29,400	Placeholder based on 2021
19	Advisory Committees	Budget to cover Miscellaneous expenses related to the duties and activities of District advisory Committees.		\$5,000	
20	Insurance and bonds	District general liability, workers compensation, property/casualty, public official liability insurance		\$21,000	Assuming increase from 2020-2021 to 2021-2022 annual premium will be the same as the increase from 2019-2020 to 2020-2021 annual premium
21	Engineering Services	Oversight of all District Engineering activities. Engineering attendance at meetings of the District - covers board and related project meetings, mini case studies, assisting in District water management planning activities, and other matters requiring District Engineer. Assist District Administrator as needed.		\$132,000	Use \$11,000 per month. Although straight line projection would suggest more (~\$160K)
22	Legal Services	Legal advice at meetings, research on various issues for Board consideration, preparation and publication of legal notices, preparation of Board resolutions, and other matters requiring legal counsel.		\$108,000	Use straight line projection from April 2021
23	Manager Per Diem/Expense	Manager per diems for regular and special meeting attendance. Manager expenses incurred in the performance of official manager duties, such as attendance at conferences and meetings and related expenses.		\$30,000	
24	Dues and Publications	Dues for appropriate organization memberships (MAWD, League of Minnesota Cities, CWP, etc.) and for purchase of necessary publications and reference materials.		\$16,000	
25	Office Cost	Rent, Office supplies, utilities, purchase additional equipment, janitorial expenses and office expansion.		\$191,000	
			Lease	\$89,000	Monthly invoice of \$7,400
			Janitorial	\$4,000	Monthly invoice of \$325.00
			Utilities (water, sewer, maintenance, electric, etc.)	\$24,000	
			Building Security	\$1,000	
			Office supplies	\$5,000	
			Meeting supplies	\$5,000	
			Postage/Delivery	\$3,000	
			Office Equipment Maintenance	\$2,000	
			Telephones	\$9,000	Currently spend \$500/mo plus projected additions
			Internet Service	\$4,000	
			Printing	\$5,000	
			Office Equipment and Software	\$30,000	Expected additions/upgrades of laptops and other equipment. Additional GIS licenses. HydroCAD software. Expected addition of equipment to accommodate for hybridized public meetings
			Office Furniture	\$10,000.00	Accomodate higher staff numbers and hybridized environment
26	Permit Review and Inspection	Provides for engineering assistance in review of permit applications, clarifying problems with the developer, meet developer on-site, coordinate permit issues with communities, counties, and other regulatory bodies. Inspects projects.		\$160,000.00	Use straight line projection from April 2021
27	Permit and Grant Database	Development and maintenance of online database		\$30,000.00	Development of grants database and annual maintenance
28	Professional Services	Professional services for information technology, professional coach, human resources, banking, etc.		\$17,400	
			Baker Tilley	\$0	
			Professional Coach	\$0	
			Information Technology	\$14,400	Based upon CTOT Proposal
			Human Resources	\$0	Northrisk Partners offers several ala carie HR services in addition
			Banking	\$3,000	Based upon PMA proposal Exhibit I
29	Recording Services	District utilizes a recording service to help in the transcribing of District minutes.		\$15,500	2021 with 3% increase.
30	Staff Cost	Includes salary, taxes, insurance, benefits and employee expenses (mileage, parking, professional development and supplies) for existing full time staff as well as interns. This budget includes an allowance for salary increases and benefit costs.		\$789,681	Recommendation from personnel committee - projected increases
			Salaries	\$571,357	Wages with proposed raises prorated for time of year of anniversary. Wages included to replace watershed planner. Four interns fulltime for May through August.
			PERA	\$39,874	2021 PERA w/ multiplied by proposed raise % prorated for time of year of anniversary.
			Payroll Taxes	\$43,450	2021 P/R taxes multiplied by proposed wage increase percentage
			Benefits	\$115,000	2021 Benefits with assumed cost to add administrator to benefits.
			Employee Expenses	\$5,000	Placeholders
			Professional Development	\$15,000	No professional development last 1.5 years.

1200

1.045 \$599,000 \$620,000

70

Line Item Description:

From time to time, projects/programs may emerge that were not anticipated when this plan was drafted. Consequently the plan must be amended in accordance with statutory and regulatory requirements before projects/programs can be implemented.

Description	Est Annual Budget
Plan Modification to Account for revised prioritization metrics and CIP Table	\$30,000
Rule Revisions	\$50,000
Total	\$80,000

Line Item Description: Support AIS inspections in Chanhassen and Eden Prairie. Support early rapid response to new infestation.

Red Rock Mitchell Riley

Description	Estimated Budget	Comments
City of Eden Prairie Inspections	\$32,000	2,413 hrs of Inspections on Red Rock (202hrs), Mitchell (189 hrs) and Riley (2022 hrs; )
City of Chanhassen Inspections	\$18,000	2,244 hrs of Inspections on Lotus Lake (1854 hrs), Susan Lake (147 hrs) and Lake Ann (243 hrs)
Rapid Response	\$15,000	
Adopt a dock	\$2,000	
Carp Management	\$500	
Decon Equipment	\$500	
Total	\$68,000	

Line Item Description:

The Cost Share Program provides funding and technical assistance for projects that protect and conserve water resources and increases public awareness of the vulnerability of these resources and solutions to improve them. The program seeks to decrease barriers to - and incentivize the implementation of - best management practices, and shift cultural norms toward making these practices common-place.

Description	Est. #	Average \$	Est. Annual Budget	Comment
Carver SWCD Assistance			\$40,000	
Residential Cost Shares	19	\$ 5,000	\$95,000	
Commercial Cost Shares	1	\$ 25,000	\$25,000	
City Cost Share	2	\$ 50,000	\$100,000	
Placeholder			\$0	
			0	
<b>Total</b>			<b>\$260,000</b>	

Line Item Description:

Monitor and collect water quality data as identifies in our lakes and creeks report as well as collecting data for potential CIP sites and monitoring effectiveness of implemented CIPs. The District with various partners, collects water quality data for 13 lakes and 18 creek sites. These creek and lake sites are the core monitoring sites for the District.

Description	Est. Annual Budget
3 Stream Monitoring	\$16,000
WOMP Assistance	\$30,000
Auto Sampling Units	\$30,000
10 Lake Monitoring	\$30,000
Courier	\$2,000
4 Stormwater Pond	\$10,000
EnviroDIY	\$9,000
Vehicle Costs	\$5,000
General (lab supplies, field supplies, new equipment, replacement of equipment)	\$20,000
Database Management	\$45,000
Interns (2)	\$16,000
<b>Total</b>	<b>\$213,000</b>

3 Stream Monitoring				16,000
WOMP Assistance				30,000
Auto Sampling Units				10,000
10 Lake Monitoring				30,000
Courier				2000
4 Stormwater Pond				10,000
EnviroDIY				9000
Vehicle Costs				5,000
General (lab supplies, field supplies, new equipment, replacement of equipment)				20,000
Database Management				45,000
Interns (2)				16000
			<b>TOTAL</b>	<b>193,000</b>

Line Item Description:

Our communities would like the District to increase the level of detail in the District's floodplain models to improve model predictions on a localized BMP scale, identify locations for flood-risk mitigation projects to increase community resilience, among others. This line item dedicates funds to keep the models up to date and increase the detail level in the model.

Description	2021 Budget	Est. 2022 Annual Budget	Est. 2023 Annual Budget
Deephaven/Shorewood Effort	\$15,000		
Eden Prairie Effort	\$80,000	\$130,000	
2023 Effort in Chanhassen (Riley and Bluff Creeks)			\$150,000
<b>Total</b>		\$130,000	\$150,000

Task Order 36 is for updating Eden Prairie. The authorized budget for TO 36 is \$198,000

Line Item Description:

The Education and Outreach Program exists to support the goals of the 10-Year Plan and improve water quality by leveraging the power of the community to effect positive change. By fostering an engaged community, the District can increase awareness, grow stewardship, and build capacity to do the shared work of protecting clean water. The District will continue to seek out and foster partnerships with community groups, local government, and other stakeholder.

Description	Est. Annual Budget
Youth Outreach Program	\$25,000
Communications Program	\$25,000
Continuing Education Program	\$25,000
Volunteer Program	\$20,000
Local Leaders	\$5,000
Total	\$100,000

Line Item Description:

Partner with the University of Minnesota to implement plan restoration measures on Lake Susan, Lake Riley, Lotus Lake, Rice Marsh Lake and Staring Lake.

Description	Est. Annual Budget
Latest UofM Request	\$50,000
Placeholder 2	
Placeholder 3	
Placeholder 4	
Placeholder 5	
Placeholder 6	
Total	\$50,000

These are all just placeholders  
These are all just placeholders

Line Item Description:

Normal and routine maintenance of District capital improvements not undertaken by a LGU through a cooperative agreement, will be programmed and carried out under the District's Operation and Maintenance Program and funding determined through annual budgeting based on Minnesota Statutes section 103B.251. LGUs within the District may request assistance from this fund to help them cover some of the normal and routine maintenance cost in achieving similar maintenance goals consistent with Minnesota Statutes section 103B.251.

Description	Est Budget
Lake Susan Park Pond Reuse Assistance	\$4,000
Routine RPBCWD BMP/Project Maintenance	\$10,000
Chanhassen HS Assistance	\$1,500
Placeholder	
Placeholder	\$84,500
Placeholder	
Total	\$100,000

Line Item Description:

In 2022, the District will continue identifying potential restorable wetlands, and prioritize the restoration of those identified wetlands by inventorying the wetlands within the Eden Prairie and Minnetonka portions of the District North of Hwy5. The District also intends to continue development of their ecological services based approach to wetland restoration/prioritization framework.

Description	Est Budget
Continue Wetland Inventory (Staff)	\$10,000
Complete Phase 1 of Ecological Service Wetland Framework	\$10,000
Begin Phase 2 of the Ecological Service framework for wetland	\$130,000
Vehicle Maintenance	\$2,000
Misc. consultant assistance	\$5,000
Placeholder	
Total	\$157,000

Line Item Description:

The RPBCWD’s primary goal is to promote the sustainable management of groundwater resources. The District will endeavor to gain a better understanding of groundwater-surface water interaction and develop management strategies that consider the protection of both resources. The District will accomplish this by working with stakeholders to establish critical thresholds, essentially the point at which negative impacts occur, for the creeks, lakes and wetlands in the District based on the MDNR’s Report to the Minnesota State Legislature: Definitions and Thresholds for Negative Impacts to Surface Waters. In addition, the district will continue to support the City efforts for water sustainability through the water efficiency strategies

Description	Est Budget	
Water Efficiency Strategy and GW Conservation Grant Program	\$120,000	Make up gap with Met council grant funding to cities
Establishment of baseflow thresholds for the creeks within the District.	\$75,000	
Establishment of thresholds, either lake stage or outlet discharge, for lakes identified as vulnerable to changes in the groundwater system.	\$2,000	Begin discussions
Establishing target hydrographs for wetlands identified as vulnerable to changes in the groundwater system.	\$20,000	
Re-establishing a monitoring well network within the District and implement a monitoring program.	\$1,000	Begin discussions
Consider developing a fully coupled groundwater-surface water model for the District.	\$2,000	Begin discussions
Total	\$220,000	

Line Item Description: The District’s lake vegetation management strives to manage non-native aquatic invasive species, especially those species that affect water quality (e.g., curlyleaf pondweed) and ecological health of the lake. Prior to managing non-native macrophytes the District will work with stakeholders and the MDNR to develop a lake vegetation management plan (LVMP) to determine a suitable management strategy for the specific lake. The LVMP are typically valid for only a 5 year period.

2022 Planned treatments

Lake	Target Spp	Herbicide	Cost/Acre	Estimated Ac	Treatment Cost	Veg Survey Cost	PI Survey	
Lotus	CLP	Diquat	\$ 133.84	12	\$ 1,606.08	\$ 1,350.00	\$ 2,700.00	
Mitchell	CLP	Diquat	\$ 133.84	13	\$ 1,739.92	\$ 1,250.00	\$ 2,500.00	
Red Rock	CLP	Diquat	\$ 133.84	13	\$ 1,739.92	\$ 1,250.00	\$ 2,500.00	
Riley	CLP	Diquat	\$ 133.84	22	\$ 2,944.48	\$ -	\$ -	
Staring	EWM	Fluridone	-		\$ 21,076.00	\$ -	\$ -	
Susan	CLP	Diquat	\$ 133.84	9	\$ 1,204.56	\$ 1,100.00	\$ 2,200.00	TOTAL
					\$ 30,310.96	\$ 4,950.00	\$ 9,900.00	\$46,000.00

LVMPs

Description	Est Budget
Lake 1	\$30,000
Lake 2	
Lake 3	
Lake 4	
Lake 5	
Lake 6	
Total	\$30,000

**Grand Total** \$76,000.00

Line Item Description:

These may include:

- Projects not previously identified for various reasons (e.g., lack of data to identify or evaluate the problem), or
- Projects previously identified by the District but omitted from the CIP based on project priority (see Section 4.0)

Often, opportunity projects are existing opportunities for which the chances of success are increased through partnership, funding availability, land-owner cooperation, or other factors not present during initial consideration of the project.

Description	Est Budget
Rebuilding Fund due to transfers	\$150,000
Lake Ann Preserve Outdoor Learning Cntr	\$25,000
Soil Health Initiative w/ City of Chanhassen	\$50,000
Opportunity 4	\$25,000
Opportunity 5	
Opportunity 6	
Total	\$250,000

-25% 40%

Description	Item1	Item2	Item3	Feasibility Total	Total	OPC Range	-	Column6
Opinion of Total Project Cost				\$258,000	\$258,000	\$193,500	-	\$361,200

Source  
Bluff Creek Stream Stabilization Assessment  
Reach BT3A and B5B, January 2017

	2017	2021	Adj Factor	Adjusted OPC	Low Adj OPC	-	High Adj OPC
Construction Industry Adjustment factor	118	139	0.178	\$303,915	\$227,936	-	\$425,481

[Minneapolis Construction Cost Index | Mortenson](#)

Activity	Year					Total Budget
	Before 2021	2021	2022	2023	2024	
Feasibility	\$19,500					\$19,500
Start Design						\$0
Design, Permitting & CM	\$94,000	\$500	\$500			\$95,000
Construction	\$258,000	\$4,000	\$4,000			\$266,000
Administration (term sheets, meetings, coop agreements, contracting, District PM)	\$0	\$0				\$0
<b>Total</b>	<b>\$371,500</b>	<b>\$4,500</b>	<b>\$4,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$380,500</b>

Line Item Description: The project objectives included purchase of 3 flood prone homes and restoring a +/-7 acre wetland with diverse native vegetation, restoring hydrology to as close to predevelopment conditions as possible while not negatively impacting neighboring properties or downstream conditions, and enhance flood detention to reduce discharges to Bluff Creek which is impaired for turbidity which is directly related to flows.

Feasibility					Total	-20% 30% OPC Range	
Opinion of Total Project Cost				\$630,000	\$630,000	\$504,000	\$819,000

Source: Pioneer Trail Wetland Restoration Project, March 2020

	2020	2021	Adj Factor	Adjusted OPC	Adj OPC Range
Construction Industry Adjustment factor	131	139	0.061	\$668,473	\$534,779 - \$869,015

Source: [Minneapolis Construction Cost Index | Mortenson](#)

Activity	Year					Total Budget
	Before 2021	2021	2022	2023	2024	
Feasibility	\$21,000					\$21,000
Property Acquisition						\$0
Design, Permitting & CM	\$6,000	\$68,000	\$10,000	\$3,000	\$3,000	\$90,000
Construction	\$0	\$140,000	\$140,000	\$10,000	\$10,000	\$300,000
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)	\$0	\$10,000				\$10,000
<b>Total</b>	<b>\$27,000</b>	<b>\$218,000</b>	<b>\$150,000</b>	<b>\$13,000</b>	<b>\$13,000</b>	<b>\$421,000</b>

Only Contracted for \$74000  
Low Bid

-5% 5% OPC Range		
\$295,000	\$280,250	\$309,750

Line Item Description: The project involves stabilizing Bluff Creek between Galpin and Hwy 5 in Chanhassen to reduce erosion, stabilize the creek banks, enhance floodplain connectivity and riparian habitat

-10% 40%

					Total	OPC Range
Opinion of Total Project Cost				\$614,000	\$614,000	\$552,600 - \$859,600

Source  
Table 9-1 10-Year Plan

	2017	2021	Adj Factor	Adjusted OPC	Adj OPC Range
Construction Industry Adjustment factor	118	139	0.178	\$723,271	\$650,944 - \$1,012,580

[Minneapolis Construction Cost Index | Mortenson](#)

Activity	Year						Total Budget
	Before 2021	2021	2022	2023	2024	2025	
Feasibility	\$0	\$20,000					\$20,000
Start Design							\$0
Design, Permitting, and CM			\$70,000	\$20,000	\$10,000	\$1,500	\$101,500
Construction				\$200,000	\$300,000	\$3,000	\$503,000
Administration (term sheets, meetings, coop agreements, contracting, District PM)	\$0	\$0	\$10,000	\$10,000	\$0	\$0	\$20,000
Total	\$0	\$20,000	\$80,000	\$230,000	\$310,000	\$4,500	\$644,500

Line Item Description: This is a multi-year project. Alum applied in 2016 & 2020. Monitoring will continue to assess longevity at efficacy of the treatment.

					Total	OPC Range	Source
Opinion of Total Project Cost					\$0	\$0 - \$0	

-10% 30%

	2020	2021	Adj Factor	Adjusted OPC	Adj OPC Range	
Construction Industry Adjustment factor	131	139	0.061	\$0	\$0 - \$0	Minneapolis Construction Cost Index   Mortenson

PLACEHOLDER

Activity	Year					Total Budget
	Before 2021	2021	2022	2023	2024	
Monitoring	?	\$20,000				\$20,000
Design, Permitting & CM	?					\$0
2016 Alum Application						\$0
2020 Alum Application		\$233,271				\$233,271
						\$0
<b>Total</b>		\$233,271	\$20,000	\$0	\$0	\$253,271

	OPC Range	
	\$0 - \$0	

-5% 5%

Line Item Description: This is a multi-year project. Alum applied in 2018. Monitoring will continue to assess longevity at efficacy of the treatment.

						-10%	30%
					Total	OPC Range	
Opinion of Total Project Cost					\$0	\$0	\$0
Source							
	2020	2021	Adj Factor	Adjusted OPC	Adj OPC Range		
Construction Industry Adjustment factor	131	139	0.061	\$0	\$0	\$0	\$0

[Minneapolis Construction Cost Index | Mortenson](#)

Activity	Year					Total Budget
	Before 2021	2021	2022	2023	2024	
Monitoring	\$15,000	\$20,000				\$35,000
Design, Permitting & CM	\$38,000			\$35,000		\$73,000
2018 Alum Application						\$0
Future Alum Application				\$75,000		\$75,000
						\$0
						\$0
<b>Total</b>	<b>\$53,000</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$110,000</b>	<b>\$0</b>	<b>\$183,000</b>

April 4, 2018 packet  
April 4, 2018 packet

Shifting from 2022 to 2023

	-5%	5%
OPC Range	\$0	\$0
	-	

PLACEHOLDER

Line Item Description: The proposed water quality project will be constructed in tandem with the City's work. The proposed project includes reconstruction of an existing catch basin manhole by the City, construction of a low-flow diversion weir and bypass storm sewer, installation of a pre-manufactured stormwater filtration treatment system, grading of a filtration rain garden, soil amendment, and restoration with diverse native and pollinator vegetation. The annual phosphorus reduction to Rice Marsh Lake decreased from 52 lbs./yr. to 40 lbs./yr. during final design.

Feasibility					Total	-20% 50% OPC Range		Source
Opinion of Total Project Cost				\$446,000	\$446,000	\$356,800	\$669,000	Middle Riley Creek Stabilization Feasibility Study, March 2020
Construction Industry Adjustment factor	2020	2021	Adj Factor	Adjusted OPC	Adj OPC Range			Minneapolis Construction Cost Index   Mortenson
	131	139	0.061	\$473,237	\$378,589 - \$709,855			

Activity	Year					Total Budget
	Before 2021	2021	2022	2023	2024	
Feasibility	\$33,693					\$33,693
						\$0
Design, Permitting & CM		\$80,000	\$20,000	\$2,000	\$2,000	\$104,000
Construction		\$400,000	\$190,000	\$2,000	\$2,000	\$594,000
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)	\$0	\$5,000				\$5,000
Data Collection (monitoring Equip)			\$10,000			\$10,000
<b>Total</b>	<b>\$33,693</b>	<b>\$485,000</b>	<b>\$220,000</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$746,693</b>

Authorized Budget \$67,100 plus TO 28C for CM 37,500  
Low Bid

\$594,000	
-----------	--

Feasibility						-15%	20%
Opinion of Total Project Cost				\$1,510,000	\$1,510,000	\$1,283,500	-\$1,812,000

Source  
[https://rpbcd.org/download\\_file/705/248](https://rpbcd.org/download_file/705/248)

	2016	2021	Adj Factor	Adjusted OPC	Adj OPC Range
Construction Industry Adjustment factor	116	139	0.198	\$1,809,397	\$1,537,987 - \$2,171,276

[Minneapolis Construction Cost Index | Mortenson](#)

Activity	Year					Total Budget
	Before 2021	2021	2022	2023	2024	
Feasibility	\$94,000					\$94,000
Start Design						\$0
Design, Permitting & CM	\$253,000	\$1,500	\$2,000	\$2,000		\$258,500
Construction	\$1,918,000	\$28,000	\$5,000	\$28,000		\$1,979,000
Administration (term sheets, meetings, coop agreements, contracting, District PM)	\$5,000	\$0				\$5,000
Total	\$2,270,000	\$29,500	\$7,000	\$30,000	\$0	\$2,336,500

Line Item Description: The vision for this Project is to provide an ecologically diverse stream reach between Hwy 5 and Lake Susan that significantly reduces streambank erosion, provides diverse habitat layers, improves the ecological functions, and enhances the public's access and their understanding of why stable stream systems are important.

	Stream	Storm Sewer	SW Pond	PED	Total	OPC Range		Source
Opinion of Total Project Cost	\$1,600,000	\$150,000	\$476,000	\$210,000	\$2,436,000	\$2,192,400	- \$3,410,400	Upper Riley Creek Ecological Enhancement Plan (2021)

	2016	2021	Adj Factor	Adjusted OPC	Adj OPC Range		
Construction Industry Adjustment factor	116	139	0.198	\$2,919,000	\$2,627,100	- \$4,086,600	Minneapolis Construction Cost Index   Mortenson

Activity	Year								Total Budget
	Before 2021	2021	2022	2023	2024	2025	2026	2027	
Enhancement Plan	\$50,000	\$30,000							\$80,000
Start Design		\$20,000							\$20,000
Design, Permitting, & CM			\$200,000	\$50,000	\$20,000	\$4,000	\$4,000	\$4,000	\$274,000
Construction				\$1,200,000	\$1,000,000	\$8,000	\$8,000	\$8,000	\$2,208,000
Administration (term sheets, meetings, coop agreements, contracting, District PM)	\$0	\$5,000	\$10,000	\$8,000					\$23,000
Data Collection (Monitoring Equip)					\$15,000				\$15,000
<b>Total</b>	<b>\$50,000</b>	<b>\$55,000</b>	<b>\$210,000</b>	<b>\$1,258,000</b>	<b>\$1,035,000</b>	<b>\$12,000</b>	<b>\$12,000</b>	<b>\$12,000</b>	<b>\$2,620,000</b>

Line Item Description: RPBCWD in collaboration with Bearpath, plans to restore a biologically diverse stream reach that significantly reduces streambank erosion and sediment and phosphorus loading to Riley Creek and downstream waterbodies; improves water quality, and improves natural stream habitat for aquatic organisms along 815 feet of Riley Creek Reach R3 (the Project); the engineer estimated that the Project would result in 0.2 acres of in-channel habitat improvements and 0.5 acres of riparian habitat improvements; reduce TSS by 16,640 lbs./yr. and reduce TP by 8.3 lbs./yr.; restore 815 feet of reach R3; and generally would help protect Riley Creek from erosion by moving the stream away from the banks

Feasibility					Total	-10% 30% OPC Range		Source
Opinion of Total Project Cost				\$289,000	\$289,000	\$260,100	\$375,700	Middle Riley Creek Stabilization Feasibility Study, March 2020
Construction Industry Adjustment factor	2020	2021	Adj Factor	Adjusted OPC	Adj OPC Range			
	131	139	0.061	\$306,649	\$275,984 - \$398,644	Minneapolis Construction Cost Index   Mortenson		

Activity	Year					Total Budget
	Before 2021	2021	2022	2023	2024	
Feasibility	\$18,500					\$18,500
Design, Permitting & CM	\$57,000	\$104,000	\$11,000	\$3,000	\$3,000	\$178,000
Construction	\$0	\$400,000	\$32,000	\$4,000	\$4,000	\$440,000
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)	\$0	\$15,000	\$2,000	\$1,000	\$1,000	\$19,000
<b>Total</b>	<b>\$75,500</b>	<b>\$519,000</b>	<b>\$45,000</b>	<b>\$8,000</b>	<b>\$8,000</b>	<b>\$655,500</b>

Authorized Budget \$178,500 (Board and CB authorizations)  
Updated based on Low Bid

\$440,000	
-----------	--

Line Item Description: Removing this project.

Feasibility					Total	-10%	30%
Opinion of Total Project Cost					\$0	\$0	\$0

Source  
Middle Riley Creek Stabilization Feasibility Study,  
March 2020

	2020	2021	Adj Factor	Adjusted OPC	Adj OPC Range
Construction Industry Adjustment factor	131	139	0.061	\$0	\$0 - \$0

[Minneapolis Construction Cost Index | Mortenson](#)

Activity	Year					Total Budget
	Before 2021	2021	2022	2023	2024	
Feasibility						\$0
Design, Permitting & CM						\$0
Construction						\$0
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)						\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0

	-5%	5%
OPC Range	\$326,800	\$361,200

\$344,000

Line Item Description: RPBCWD in collaboration with St Hubert Catholic School, plans to achieve shared water-resource protection and improvement goals through design, construction and maintenance of a project providing runoff volume and rate reduction; water quality improvement; ecological biodiversity enhancement; and educational opportunity on the campus of St. Hubert Catholic School. The Project is expected to treat 2.8 acres of runoff; reduce total suspended solids by 434lbs/year and reduce TP by 2.0 lbs./year; restore 0.8 acres of prairie ecosystem habitat; and increase public awareness of water quality issues and improvements.

						-10%	30%	
					Total		OPC Range	Source
Opinion of Total Project Cost					\$0		\$0 - \$0	

	2020	2021	Adj Factor	Adjusted OPC	Adj OPC Range	
Construction Industry Adjustment factor	131	139	0.061	\$0	\$0 - \$0	<a href="#">Minneapolis Construction Cost Index   Mortenson</a>

PLACEHOLDER

Activity	Before 2021	Year				Total Budget
		2021	2022	2023	2024	
Feasibility	\$30,000					\$30,000
Design, Permitting & CM		\$119,000				\$119,000
Construction		\$277,000	\$3,000	\$3,000	\$3,000	\$286,000
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)		\$10,000				\$10,000
Total	\$30,000	\$406,000	\$3,000	\$3,000	\$3,000	\$445,000

Total Construction cost from Bidders

	-5%	5%
	OPC Range	
	\$0	\$0

Carver SWCD Grant \$25,000  
 Met Council Grant \$75,000  
 CWF Grant \$63,865  
 St Hubert 45000 over three years (\$15k/yr.)  
 Bid Alts 111356

Line Item Description: The District and the City of Eden Prairie will be partnering to deign and construct repair need to the embankment between the upper and lower portion of the conservation area.

					Total	OPC Range	
Opinion of Total Project Cost					\$175,000	\$157,500	\$245,000

-10% 40% Source  
 This number is from Barr 2015 Estimate for the Repair as a placeholder because I'm unable to locate update information from WENCK 2020 design

	2015	2021	Adj Factor	Adjusted OPC	Adj OPC Range
Construction Industry Adjustment factor	113	139	0.230	\$215,265	\$193,739 - \$301,372

[Minneapolis Construction Cost Index](#) | [Mortenson](#)

Activity	Year						Total Budget
	Before 2021	2021	2022	2023	2024	2025	
Feasibility Design	\$20,000	\$10,000					\$30,000
Start Design		\$20,000					\$20,000
Design, Permitting, & CM			\$20,000				\$20,000
Construction			\$200,000				\$200,000
Administration (term sheets, meetings, coop agreements, contracting, District PM)	\$0	\$5,000	\$5,000				\$10,000
							\$0
<b>Total</b>	<b>\$20,000</b>	<b>\$35,000</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$280,000</b>

Line Item In collaboration with RPBCWD and Chanhasen water-resources staff resulted in a final proposed design consisting of five ditch checks with iron-enhanced sand filtration and stabilization of the banks of a first-order stream in the Park, along with wetland restoration, to improve 0.3 acres of habitat (the Project) upgradient of and tributary to Silver Lake would reduce loading of total phosphorus to Silver Lake by 2.6 to 4.7 pounds per year.

Feasibility					Total	OPC Range	-20%	50%
Opinion of Total Project Cost					\$122,000	\$122,000	\$97,600	\$183,000

Source: [https://rpbcwd.org/download\\_file/705/248](https://rpbcwd.org/download_file/705/248)

	2018	2021	Adj Factor	Adjusted OPC	Adj OPC Range
Construction Industry Adjustment factor	127	139	0.094	\$133,528	\$106,822 - \$200,291

Source: [Minneapolis Construction Cost Index | Mortenson](#)

Activity	Year					Total Budget
	Before 2021	2021	2022	2023	2024	
Feasibility	\$21,000					\$21,000
Start Design						\$0
Design, Permitting & CM	\$36,000	\$41,000	\$2,000	\$2,000	\$2,000	\$83,000
Construction		\$120,000	\$3,000	\$3,000	\$3,000	\$129,000
Administration (term sheets, legal meetings, coop agreements, contracting, District PM)	\$5,000	\$0				\$5,000
<b>Total</b>	<b>\$62,000</b>	<b>\$161,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$238,000</b>



Line Item These projects are needed based on the UAA update and TMDL for the long-term improvement in Lotus Lake Water Quality. Projects groups to reduce administration cost.

- LL\_1: New Wet Pond - A 0.6 acre, 3-foot deep wet pond designed to treat 4.0 acres of impervious area
- LL\_3: Infiltration Basin - A 1.6 acre, 1.7-foot deep infiltration basin designed to treat 20.9 acres of impervious area
- LL\_7: Iron Enhanced Sand Filter - A 0.8 acre, 1.6-foot deep iron enhanced sand filter designed to treat 8.9 acres of impervious area.
- LL\_8: New Wet Pond- A 0.45 acre, 3-foot deep wet pond designed to treat 12.1 acres of impervious area

	LL_1	LL_3	LL_7	LL_8	Total	-20% 40%		Source
						OPC Range		
Opinion of Total Project Cost	\$186,000	\$390,000	\$586,000	\$142,000	\$1,304,000	\$1,043,200	\$1,825,600	<a href="#">Purgatory Creek Watershed Use Attainability Analysis (UAA; 2017)</a>

	2016	2021	Adj Factor	Adjusted OPC	Adj OPC Range		Source
Construction Industry Adjustment factor	116	139	0.198	\$1,562,552	\$1,250,041	\$2,187,572	<a href="#">Minneapolis Construction Cost Index   Mortenson</a>

Activity	Year							Total Budget
	2021	2022	2023	2024	2025	2026	2027	
Data collection	\$20,000	\$20,000						\$40,000
Feasibility		\$40,000						\$40,000
Design, Permitting & Const Management		\$100,000	\$100,000	\$20,000	\$1,000	\$1,000	\$1,000	\$223,000
Construction			\$750,000	\$750,000	\$5,000	\$5,000	\$5,000	\$1,515,000
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)		\$8,000	\$10,000	\$8,000	\$1,000	\$1,000	\$1,000	\$29,000
<b>Total</b>	<b>\$20,000</b>	<b>\$168,000</b>	<b>\$860,000</b>	<b>\$778,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$1,847,000</b>

Note - Revisions made to align construction line total with projected 2021 adjusted cost

Step	Timing
1	June/July
2	Ongoing
3	July-August
4	August
5	1st Wed in Sept
6	September
7	Sept - Dec
8	1st Wed. in Dec
9	December

Description
Staff reviews the past years activities & budgets, spent to date, 10-yr Watershed Management Plan Impl
Staff contacts municipalities and agencies to identify potential opportunity and coordination projects
Board meets as needed for budget workshops, typically at least twice, to consider upcoming programs a
Draft levy and budget discussed with CAC
Public Hearing to receive public comment on proposed draft levy and budget
Board certifies levy to Carver and Hennepin County by September 15
Board and staff review upcoming project and programs to determine if reductions are needed in Decem
Additional public input received on levy and budget
Final Levy certified to Counties

ementation Table,

nd projects

Line Item These projects are needed based on the UAA update and TMDL for the long-term improvement in Lotus Lake Water Quality. Projects groups to reduce administration cost.

LL\_1: New Wet Pond - A 0.6 acre, 3-foot deep wet pond designed to treat 4.0 acres of impervious area

LL\_3: Infiltration Basin - A 1.6 acre, 1.7-foot deep infiltration basin designed to treat 20.9 acres of impervious area

LL\_7: Iron Enhanced Sand Filter - A 0.8 acre, 1.6-foot deep iron enhanced sand filter designed to treat 8.9 acres of impervious area.

LL\_8: New Wet Pond- A 0.45 acre, 3-foot deep wet pond designed to treat 12.1 acres of impervious area

	LL_1	LL_3	LL_7	LL_8	Total	-20% 40%	
Opinion of Total Project Cost	\$186,000	\$390,000	\$586,000	\$142,000	\$1,304,000	\$1,043,200	\$1,825,600
Adjusted to 2021 Dollars	\$222,879	\$467,328	\$702,190	\$170,155	\$1,562,552		

Source  
[Purgatory Creek Watershed Use Attainability Analysis \(UAA; 2017\)](#)

	2016	2021	Adj Factor	Adjusted OPC	Adj OPC Range
Construction Industry Adjustment factor	116	139	0.198	\$1,562,552	\$1,250,041 - \$2,187,572

[Minneapolis Construction Cost Index | Mortenson](#)

**LL\_1**

Activity	2021	2022	2023	Year 2024	2025	2026	2027	Total Budget
Data collection	\$5,000							\$5,000
Feasibility		\$25,000						\$25,000
Design, Permitting & Const Management		\$50,000	\$30,000	\$1,000	\$1,000	\$1,000		\$83,000
Construction			\$222,879	\$2,000	\$2,000	\$2,000		\$228,879
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)		\$8,000	\$8,000	\$1,000	\$1,000	\$1,000		\$19,000
<b>Total</b>	<b>\$5,000</b>	<b>\$83,000</b>	<b>\$260,879</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$0</b>	<b>\$360,879</b>

**LL\_3**

Activity	2021	2022	2023	Year 2024	2025	2026	2027	Total Budget
Data collection	\$5,000							\$5,000
Feasibility		\$25,000						\$25,000
Design, Permitting & Const Management		\$70,000	\$35,000	\$1,000	\$1,000	\$1,000		\$108,000
Construction			\$467,328	\$2,000	\$2,000	\$2,000		\$473,328
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)		\$8,000	\$8,000	\$1,000	\$1,000	\$1,000		\$19,000
<b>Total</b>	<b>\$5,000</b>	<b>\$103,000</b>	<b>\$510,328</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$0</b>	<b>\$630,328</b>

**LL\_7**

Activity	2021	2022	2023	Year 2024	2025	2026	2027	Total Budget
Data collection	\$5,000	\$5,000						\$10,000
Feasibility			\$25,000					\$25,000
Design, Permitting & Const Management			\$80,000	\$45,000	\$1,000	\$1,000	\$1,000	\$128,000
Construction				\$702,190	\$2,000	\$2,000	\$2,000	\$708,190
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)			\$8,000	\$8,000	\$1,000	\$1,000	\$1,000	\$19,000
<b>Total</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$113,000</b>	<b>\$755,190</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$890,190</b>

**LL\_8**

Activity	2021	2022	2023	Year 2024	2025	2026	2027	Total Budget
Data collection	\$5,000	\$5,000						\$10,000
Feasibility			\$20,000					\$20,000
Design, Permitting & Const Management			\$45,000	\$20,000	\$1,000	\$1,000	\$1,000	\$68,000
Construction				\$170,155	\$2,000	\$2,000	\$2,000	\$176,155
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)			\$8,000	\$8,000	\$1,000	\$1,000	\$1,000	\$19,000
<b>Total</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$73,000</b>	<b>\$198,155</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$293,155</b>

**Total for combining individual projects**

Activity	2021	2022	2023	Year 2024	2025	2026	2027	Total Budget
Data collection	\$20,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Feasibility	\$0	\$50,000	\$45,000	\$0	\$0	\$0	\$0	\$95,000
Design, Permitting & Const Management	\$0	\$120,000	\$190,000	\$67,000	\$4,000	\$4,000	\$2,000	\$387,000
Construction	\$0	\$0	\$690,207	\$876,345	\$8,000	\$8,000	\$4,000	\$1,586,552
Administration (term sheets, legal, meetings, coop agreements, contracting, District PM)	\$0	\$16,000	\$32,000	\$18,000	\$4,000	\$4,000	\$2,000	\$76,000
<b>Total</b>	<b>\$20,000</b>	<b>\$196,000</b>	<b>\$957,207</b>	<b>\$961,345</b>	<b>\$16,000</b>	<b>\$16,000</b>	<b>\$8,000</b>	<b>\$2,174,552</b>

Potential Saving by Combining

\$327,552

18%

	Actual Spent as of Dec 31, 2020	Total Project
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
24		
25		
26		
27		

**Programs and Projects**

**District Wide**

Community Resiliency

Repair and Maintenance Fund

Wetland Management

Groundwater Conservation

Opportunity Project\*

Stormwater Ponds - U of M

Hennepin County Chloride Initiative

Lower Minnesota Chloride Cost-Share

**Subtotal**

**Bluff Creek**

Bluff Creek Tributary\*

Wetland Restoration at Pioneer

Bluff Creek B5 by Galpin

**Subtotal**

**Riley Creek**

Lake Riley - Alum Treatment 1st dose \*

Rice Marsh Lake in-lake phosphorus load

Rice Marsh WQ 1

Riley Creek Restoration (Reach E and D3) \*

Upper Riley Creek Stabilization

Middle Riley Creek

St Hubert

**Subtotal**

**Purgatory Creek**

Purgatory Creek Rec Area- Berm/retention area - feasibility/design

28	Lotus Lake in-lake phosphorus load control	#REF!	345,000.00
29	Silver Lake Restoration Project WQ1	#REF!	268,013.00
30	Scenic Heights	#REF!	260,000.00
31	Hyland Lake Internal Load	#REF!	150,000.00
32	Duck Lake watershed load	#REF!	220,000.00
34	<b>Subtotal</b>		<b>\$1,293,013.00</b>
35			
36	<b>Total Multi-Year Project Costs</b>		<b>\$9,414,837.68</b>

FUNDING SOURCE over Project Life			Month Ended	Year	Lifetime
District funds	Partner Fund	Grants	05/31/21	To-Date	Costs
98,000.00	-	50,000.00	2,734.50	5,807.00	#REF!
277,005.00	-	-	34.00	54,459.58	#REF!
200,000.00	-	-	843.03	14,207.56	#REF!
180,000.00	-	-	120.00	120.00	#REF!
300,000.00	-	-	1,545.25	13,666.29	#REF!
64,092.00	42,000.00	-	-	31,829.96	#REF!
19,000.00	-	101,800.00	-	21,859.46	#REF!
20,000.00	-	197,209.00	-	-	#REF!
<b>\$1,158,097.00</b>	<b>\$42,000.00</b>	<b>\$349,009.00</b>	<b>\$5,276.78</b>	<b>\$141,949.85</b>	<b>#REF!</b>
386,750.68	50,000.00	-	1,578.00	14,804.65	#REF!
450,000.00	-	407,820.00	470.83	30,835.32	#REF!
140,000.00					#REF!
<b>\$836,750.68</b>	<b>\$50,000.00</b>	<b>\$407,820.00</b>	<b>\$2,048.83</b>	<b>\$45,639.97</b>	<b>#REF!</b>
560,000.00	-	-	-	255,654.74	#REF!
150,000.00	-	-	2,020.08	14,307.26	#REF!
300,000.00	-	-	2,515.00	15,742.50	#REF!
1,615,000.00	553,148.00	-	1,539.50	1,936,098.31	#REF!
1,600,000.00	500,000.00	-	11,754.51	30,566.52	#REF!
470,000.00	45,000.00				
150,000.00	65,000.00	113,865.00			
<b>\$4,225,000.00</b>	<b>\$1,053,148.00</b>	<b>\$0.00</b>	<b>\$17,829.09</b>	<b>\$2,252,369.33</b>	<b>#REF!</b>
50,000.00	-	-	-	12,359.28	#REF!

345,000.00	-	-	1,576.00	24,880.41	#REF!
268,013.00	-	-	1,337.50	21,791.68	#REF!
165,000.00	45,000.00	50,000.00	339.00	2,347.50	#REF!
130,000.00	20,000.00	-	-	-	#REF!
220,000.00	0.00	0.00	10,651.09	70,921.15	#REF!
<b><u>\$1,178,013.00</u></b>	<b><u>\$65,000.00</u></b>	<b><u>\$50,000.00</u></b>	<b><u>\$13,903.59</u></b>	<b><u>\$132,300.02</u></b>	<b><u>#REF!</u></b>
<b><u>\$7,397,860.68</u></b>	<b><u>\$1,210,148.00</u></b>	<b><u>\$806,829.00</u></b>	<b><u>\$39,058.29</u></b>	<b><u>\$2,572,259.17</u></b>	<b><u>#REF!</u></b>

<b><u>Project Funds Remaining</u></b>	District Sha Future yea
---------------------------------------	----------------------------

#REF!	60000
#REF!	200000
#REF!	700000
#REF!	790000
#REF!	700000
#REF!	
#REF!	
#REF!	

---

---

**#REF!**

#REF!

#REF!

	614000
--	--------

---

---

**#REF!**

#REF!	0
#REF!	170000
#REF!	0
#REF!	0
#REF!	0

---

---

**#REF!**

#REF!

#REF!	345000
#REF!	0
#REF!	0
#REF!	150000
#REF!	0

---

**#REF!**

---

---

**#REF!**