Project Name/account number		Fiscal Year	Revenues	Expenses	Bala	ince/(Shortfall)
Gully Erosion Contingency Fund	This fund was set up after the LMRWD retained the services of the MN Conservation Corps to conduct a	2012	\$ 25,000.00	\$ -		
77-701-000-0101	Gully Inventory. The District set aside a contingency fund to finance projects which consist of constructing	2013	\$ 5,000.00	\$ -		
	bluff stabilization projects with cooperating partners (primarily municipalities) in those areas identified in	2014	\$ -	\$ 67,681.00		
	the District's guily inventory as having severe erosion that have yet to be stabilized or identified	2015	\$ 40,000.00	\$ 875.00		
	specifically in the CP for the Plan. No City has ever requested funding. This funding is currently being used to undate the Gully Inventory by assessing the conditions of the inventoried gullies and by	2016	\$ 40,000.00	\$ -		
	documenting additional gullies.	2018	\$ 40,000.00	\$ -		
		2019	\$ -	\$ -		
		2020	\$ -	\$ 81,255.59		
		2021	\$ -	\$ 3,776.50		
			\$ 150,000.00	\$ 153,588.09	\$	(3,588.09)
Credit River	This money was to be used for a project constructed in cooperation with Scott County. It aimed to restore	2012	ć 1.000.00	ć		
77 701 000 0102	five reaches of the Credit River within the LMRWD as outlined in the 2008 Credit River Geomorphic	2013	\$ 1,000.00	<u>&gt;</u> -	~	1 000 00
//-/01-000-0102	Assessment Report. One of the projects would restorate the natural channel and involve rebuilding a		\$ 1,000.00	ş -	Ş	1,000.00
	portion of stream channel in Savage north of Highway 13 in the Minnesota River floodplain. Two projects					
	consist of riparian vegetative restoration in Savage south of Highway 13. The final two projects would					
	replace and repair the culvert crossing which spans Highway 13 in Savage. Scott County did not proceed					
	with this project.					
Dakota Ravine Project Savage Scott/WMO	This project was to stabilize a ravine in the City of Savage. The City and Scott County were partners with	2013	\$ 5,000.00	\$ -		
77-701-000-0116	the LMRWD. The ravine was located north of Savage City Hall on Dakota Avenue. The project was		\$ 5,000.00	\$-	\$	5,000.00
	completed several years ago. The project was completed and paid for. The LMRWD never recieved a					
	request for the contribution. When Scott County was contacted about the project, it was paid for by the					
Seminary Fen Restoration	This project proposed to restore a 6 acre portion of Seminary Fen that was formerly ditched and tiled.	2012	\$ 36,000.00	\$-		
77-701-000-0118	This project proposed to restore the natural hydrologic regime by rendering the tile and ditch ineffective	2013	\$-	\$-		
	in draining the wetland by partial removal and blocking of the tile and ditch modifications to eliminate the	2014	\$-	\$ 471.50		
	man made hydrologic scope and affect on the wetland. The project will restore the native plant	2015	\$-	\$ 1,617.00		
	community by controlling reed canary grass and re-introducing native plant species. Collection of seed for		\$ 36,000.00	\$ 2,088.50	\$	33,911.50
	this project will be from City owned land adjacent to the project site to insure local ecotype seed is					
	Fen protecting the Fen's native plant diversity. This project was completed by the City without					
	participation by the LMRWD.					
Raving Stabilization @ Seminary Fen*	Ravine erosion was causing a large area of sedimentation along the north half of Seminary Fen. This	2012	\$ 50,000,00	Ś.		
77-701-000-0103	project is phase 2 of a project that was completed in 2009. Phase I, completed by the City of Chaska.	2012	\$ 100,000,00	¢		
//-/01-000-0103	invovled restoration of a wetland outlet for rate control to the ravine. Stabilization of the ravine is still	2013	\$ 100,000.00	÷ 00.00		
	necessary to reduce the transport of sediment to the Fen complex. Annualized sediment transport was	2014	\$ 100,000.00	\$ 90.00 \$		
	modeled using 1-D bedload sediment tranpsort model by Meyer-Peter and Muller (1948). Under existing	2015	\$ 100,000.00	÷ 100.000.00		
	conditions, sediment transport to the Fen is estimated at 1.85 million tons per year. The goal of this	2010	р - с	\$ 100,000.00		
	project is to complete ravine stabilization improvements that are estmated to reduce the transport rate of	2017	ς - ¢	\$ 147,650.59 ¢		
	sediment to 0.68 million tons per year. This represents a 63% reduction in sediment load to Seminary	2010	\$	\$ 110 400 00		
	Ten. The LIVIKWUD received a CWF Grant for this project. Difficulties completeing the project and reporting to BWSB extended well beyond the grant expiration date. The LMDWD lost the second half of grant	2013	\$ 55 200 00	\$ 110,400.00		
	funding because of the late filing of the final reporting. The Legislature allowed the LMRWD to allocate	2020	\$ 33,200.00 \$ 110,400,00	ç -		
	money it receives from the state of MN for dredge material managment to replace the grant.	2022	\$ 515,600,00	\$ 358 346 39	ć	157 253 61
			\$ 515,000.00	\$ 330,340.33	Ŷ	137,233.01
Long Meadow Outfall*	This project implemented, in cooperation with the City of Bloomington, water quality improvements	2013	\$ 100,000.00	\$-		
77-701-000-0117	downstream of Long Meadow Lake. The existing storm sewer to Long Meadow Lake from Bloomington	2014	\$ 100,000.00	\$ -		
	Central Station area was reconstructed and water quality best management practices were incorporated	2015	\$ 100,000.00	\$ 100,000.00		
	to provide additional treament.		\$ 300,000.00	\$ 100,000.00	\$	200,000.00
Dean Lake Feasibility Study	The LMRWD prepared a feasilibity study of Dean Lake. This project was to implement the results of the	2013	\$ 15,000,00	\$ 13 761 81		
77-701-000-0104	study. The project consisted of financing adjacent septic systems connection to city sanitary sewer.	2013	\$ 100,000,00	\$ 25,719,00		
	construction of sedimentation basins, water quality treatment BMPs in the upstream watershed,	2014	\$ 30,000,00	\$ 1,634.75		
	improvements to the inlet and outlet, shoreline restoration and/or in-lake management such as dredging	2015	\$ 145,000.00	\$ 41 115 56	Ś	103,884 44
	to and chemical treatment. This work was in preparation for a TMDL Study.		, 10,000.00	÷ .1,110100	Ŧ	200,00

Dean Lake Feasibility Study (continued)	Dean Lake was listed as impaired for nutrients on the 303(d) list. In the course of the study it was determined that Dean Lake functions more like an open water wetland than a shallow lake. The LMRWD requested that the MPCA consider changing the classification of Dean Lake from a shallow lake. The MPCA agreed. Dean Lake was removed from the 303(d) list in 2018.					
Vegetation Management Standard 77-702-000-0104	This project addresses Policy 7.2.1 in the LMRWD Watershed Management Plan; Develop a Vegetation Management Standard/Plan. The strategy consists of the District undertaking an effort in partnership with the DNR, USFWS, BWSR, NRCS, and NGOS (e.g. Great River Greening), to develop a vegetation management standard/plan for unique natural resources within the District. This plan would be functional for all who live, work, and invest in the District. While many of the cities and counties within the District have vegetation management standards, the standards are inconsistent. In addition, the District has not established vegetation management standards addressing practices such as vegetative cutting, and clearing on bluffs, and steep slopes.	2013 2014 2015 2016 2018 2019	\$ 10,000.00 \$ 15,000.00 \$ 15,000.00 \$ 15,000.00 \$ - \$ 50,000.00 \$ 105,000.00	\$ - \$ - \$ - \$ 3,304.75 \$ 9,927.90 <b>\$ 13,232.65</b>	Ş	91,767.35
Data Assessments & Program Review 77-702-000-0123	This item has the same activity code as the Fen project. It was in the 2011 Plan without an explanation as to what the funds would be used for. The costs shown here are expenses that have been incurred by the District for Technical Assistance provided by the SWCD's.	2012 2014 2016 2017 2018 2019	\$ 40,000.00 \$ 40,000.00 \$ 40,000.00 \$ 120,000.00	\$ 491.00 \$ 2,223.58 \$ 2,410.50 \$ 676.00 \$ <b>5,801.08</b>	\$	114,198.92
USGS 77-701-000-0115	This project is a partnerships between USGS, the US Army Corps of Engineers and the LMRWD to monitor suspended sediment concentration and bedload sediment accumulation in the Minnesota River. The USGS is wrapping up the project this year (2020) because the location of monitoring equipment was washed away by the 2019 flooding. The pier that supported the equipment was owned by the Metropolitan Council and it was decided that it is too expensive to replace. No more cost will be incurred for thhis program, unless USGS finds additional partners that are willing to share in the cost associated with monitoring sediment loads in the Minnesota River.	2013 2014 2015 2016 2017 2018 2019 2020	\$         -           \$         8,000.00           \$         18,000.00           \$         10,000.00           \$         18,500.00           \$         18,500.00           \$         19,700.00           \$         19,700.00           \$         112,400.00	\$ 12,800.00 \$ 19,692.00 \$ 15,088.00 \$ 18,188.00 \$ 18,631.00 \$ 19,400.00 \$ 19,788.00 \$ 10,091.50 <b>\$ 133,678.50</b>	\$	(21,278.50)
Study Area #3 77-701-000-0105	To address river bank erosion, the LMRWD will analyze the design and construction a project to stabilize the Minnesota River bank at Study Area #3 in Eden Prairie. A study was completed in 2008 for the City of Eden Prairie in cooperation with the District. The District is currently undertaking a project that will update and expand the 2008 study by collecting and analysising additional data that will extend to the final design, permitting and construction. In 2021, the LMRWD retained Inter-Fluve to validate the previous studies and evaluate the stabilization recommendations. In July 2021, the District concluded that the area will require more that bank stabilization to address the eroding steep slope. It was also determined that the City must become a partner, because of the impacts its stormwater ponds in having on the erosion.	2016 2017 2018 2019 2020 2021 2022	\$         -           \$         75,000.00           \$         -           \$         -           \$         -           \$         35,000.00           \$         100,000.00           \$         100,000.00           \$         310,000.00	\$ 1,081.00 \$ 5,144.66 \$ 1,371.00 \$ 4,026.80 \$ 32,674.59 \$ 121,119.83 \$ 23,747.05 \$ 189,164.93	\$	120,835.07
Overlook Outfall 77-701-000-0119	The City of Bloomington proposed to replace a failing storm sewer outfall between Overlook Lake and Coleman Lake. This project came from the City of Bloomington when the previous generation of the LMRWD Plan was developed. The project was completed using FEMA money the City received after heavy rains in 2014.	2015	\$ 100,000.00 \$ 100,000.00	\$ - \$ -	\$	100,000.00
Seminary Fen Draintile 77-701-000-0120	This project was brought to the District by the City of Chaska in 2015. MNDOT was looking for alternatives for TH 41 to cross the MN River. One option was to bridge Seminary Fen. An in-depth study was done. The study identified an area of the peat dome within the fen that was tiled many years ago. The City of Chaska proposed that the tile be removed or the lines be broken to end the ability of the tile to convey water. Working with the DNR it was decided that a project such as this may have a detrimental affect on the fen, so the project did not ever move forward.	2015	\$ 25,000.00 \$ 25,000.00	\$ - \$ -	\$	25,000.00
Bluff Creek Cooperative Project 77-701-000-0121	This was a project of the Riley Prugatory Bluff Creek Watershed District. The project would have stabilized banks of Bluff Creek below the MN River Bluffs Trail and created a fish passage through the reach of stabilized creek and continue into the tunnel under the trail. RPBCWD received a CWF grant for this project, however, was never able to obtain easements necessary to construct the project and lost the grant. The project was never completed. Riley Purgatory Bluff Creek Watershed District recently	2015	\$ 50,000.00 \$ 50,000.00	<u>\$ -</u> \$ -	\$	50,000.00

reached out to the LMRWD to revisit this project, as the property in question has changed ownership. The LMRWD considered using funds allocated to this project to fund restoration of a portion of MN River bank in the City of Carver. The City addressed the issue without funding from the LMRWD.				
This project proposes to restore approximately 2,400 feet of stream and repair erosion under the 128th Street Bridge. The goals of the project are to reduce erosion and improve fish habitat. Due to beaver dams, the stream cuts into three valley walls, contributing to significant deposits of sediment. This project will be a partnership with the DNR and possibily Trout Unlimited. The Eagle Creek Study completed by the City of Savage in 2022 identifed this area as an area of concern and the City submitted this as a project for consideration under the FY 2022/23 WBIF.	2017 2019	\$ 12,000.00 \$ 10,000.00 \$ 22,000.00	\$- \$- \$-	\$ 22,000.00
Identified in the East Chaska Creek Restoration feasibility study, the scour hole downstream of Crosstown Boulevard Bridge was repaired, bank amoring installed, toe protection and grade control structures added behind Cuzzy's Brickhouse Restaurant, and bank amoring and protection installed on the right bank of East Oak Street. The LMRWD received a grant of \$25,472 under the Metro-area Watershed Based Funding Pilot Program. This project was completed in the winter of 2021. The contractor was paid a portion of the project. The LMRWD conducted a final inspection of the project and will be recommending final payment to the contractor at the August 2022 meeting of the Board of Managers.	2015 2016 2018 2019 2020 2021 2022	\$ - \$ 200,000.00 \$ - \$ 50,000.00 \$ - \$ - \$ - \$ <b>50,000.00</b>	\$ 19,369.65 \$ 2,006.35 \$ 3,510.74 \$ 27,700.38 \$ 42,246.90 \$ 80,310.94 \$ - <b>\$ 175,144.96</b>	\$ 74,855.04
The East Chaska Creek feasibility study reported that an ideal location to construct a treatment wetland was south of the creek in two vacant lots along Chaska Boulevard. Vacant lots consisted of asphalt paving right up to the edge of the creek bank. The project proposed diversion of creek flow in the channel into a stormwater treatment system to provide for sediment removal, flood storage and bacteria treatment. East Chaska Creek is impaired for Acquatic macroinvertabrate bioassessments, fishes bioassessments, turbidity and fecal coliform. This project would address the impairments. The vacant lots were owned by the Chaska Economic Development Authority and since the feasibility study, the city has developed some of the area making it unlikely that this project will be completed.	2018 2019	\$ 10,000.00 \$ 50,000.00 \$ 60,000.00	\$ - <u>\$</u> - <b>\$</b> -	\$ 60,000.00
The City of Bloomington was one of 30 Minnesota municipalities required to meet non-degradation requirements as part of the NPDES MS4 Permit. The non-degradation report evaluated changes in runoff quantity and quality since 1988, and projected changes to the year 2020. Where significant increases in stormwater runoff occurred or were projected to occur, options to keep polluntant loading from receiving waters at the 1988 levels were discussed. This project would involve a volume reduction to meet the non- degradation requirement and return pollutant loading to 1988 levels. The City has addressed this issue by other means in its most recent Surface Water Management Plan and the project is no longer anticipated.	2016	\$ 125,000.00 \$ 125,000.00	<u>\$ -</u> \$ -	\$ 125,000.00
This project is a joint project between RPBCWD, the Clty of Eden Prairie and the LMRWD. RPBCWD restorde a portion of Riley Creek to stabilize the banks and reconnect the creek with its floodplain. The LMRWD restored and stablized bankson the reach of Riley Creek in the LMRWD. The LMRWD reach was completed by Ames Construction as part of the Flying Cloud Drive transportation improvement project. The project in the RPBCWD will reduce the amount of sediment in Riley Creek significantly. The LMRWD contributed \$150,000 to RPBCWD project. The City of Eden Prairie will be responsible for maintenance of the project within RPBCWD once it is complete.	2016 2017 2018 2019 2020 2021	\$ 45,000.00 \$ 100,000.00 \$ 50,000.00 \$ - \$ 74,565.67 \$ - <b>\$ 269,565.67</b>	\$ 39,052.63 \$ 6,315.55 \$ 75,075.49 \$ - \$ 150,000.00 <b>\$ 270,443.67</b>	\$ (878.00)
This project consists of completing a florisitic quality assessement that provides a replicable, descriptive picture in time of the fens. Used as a baseline indicator of fen condition to be compared against conditions in the future (i.e., track degradation or functional lift). The project will update the MLCCS and MnRAM to: provide a complete, accurate baseline dataset of wetland plant communities found in the marshes. It will include for quality control of existing data and addition of new information. The ultimate goal of the project is to develop a strategy, along with the DNR and Metropolitan Council to protect preserve and manage the calcareous fens. hese two categories (listed to the left) have been dedicated to the LMRWD's work on calcareous fens. hese two categories (listed to the left) have been dedicated to the LMRWD's work on calcareous fens. hese the Data Assessment and Program Reviews. The revenues reflect the year and title listed in LMRWD budget. The LMRWD received a \$47,673.07 grant under the Metro-area Watershed Based Funding Pilot Program for studies of the fens in Dakota County. This grant was administered by the Dakota County Soil & Water Conservation District. The LMRWD received final payment of this grant in 2021.	2015 2016 2017 2020 2021 2018 2019 2020 2021 2022	\$         -           \$         -           \$         75,000.00           \$         75,000.00           \$         47,637.07           \$         75,000.00           \$         25,000.00           \$         25,000.00           \$         25,000.00           \$         25,000.00           \$         25,000.00           \$         25,000.00           \$         25,000.00           \$         297,637.07	\$ 11,911.75 \$ 2,818.25 \$ 7,000.01 \$ 762.20 \$	WBIF Grant payment \$ 51,812.73
	<ul> <li>reached out to the LMRWD to revisit this project, as the property in question has changed ownership. The LMRWD considered using funds allocated to this project to fund restoration of a portion of MN River bank in the City of Carver. The City addressed the issue without funding from the LMRWD.</li> <li>This project proposes to restore approximately 2,400 feet of stream and repair erosion under the 128th Street Bridge. The goals of the project are to reduce erosion and improve fish habitat. Due to beaver dams, the stream cuts into three valley walls, contributing to significant deposits of sediment. This project will be a partnership with the DNR and possibily frout Unlimited. The Eagle Creek Study completed by the City of Savage in 2022 identified this are as an area of concern and the City submitted this as a project for consideration under the FY 2022/23 WBIF.</li> <li>Identified in the East Chaska Creek Restoration feasibility study, the scour hole downstream of crosstown Boulevard Bridge was repaired, a pant, and bank amoring and protection installed on the right bank of East Chaska Creek Restoration feasibility study. Hetero-area Watershed Based Funding Pilot Program. This project was completed in the winter of 2021. The contractor was paid a portion of the project. The LMRWD conducted a final inspection of the project and will be recommending final payment to the contractor at the August 2022 meeting of the Board of Managers.</li> <li>The East Chaska Creek feasibility study reported that an ideal location to construct a treatment. East Chaska Creek resublicity study reported that an ideal location to construct a treatment.</li> <li>East Chaska Creek is in two vacant lots along Chaska Bouleward. Vacant lots were owned by the Chaska Economic Development Authority and since the feasibility study, the city has developed some of the area making it unlikely that this project undiadress the impairments. The vacant lots were owned by the Chaska Economic Development Authority and since</li></ul>	reached out to the LMRWD to revisit this project, as the property in question has changed ownership. The LMRWD considered using funds allocated to this project to fund restoration of a portion of MR River bank in the City of Carver. The City addressed the issue without funding from the LMRWD.         2017           This project proposes to restore approximately 2,400 feet of stream and repair erosion under the 128th Street Bridge. The goals of the project are to reduce erosion and improve fish habitat. Due to besever dams, the stream cuts into three valley walls, contributing to significant deposits of sediment. This project will be a partnership with the DNR and possibility Trout Unlimited. The Eagle Creek Study completed by the City of Savage in 2022 identified this area as an area of concern and the City submitted this as a project for consideration under the FY 2022/23 WBIF.         2015           Identified in the East Chaska Creek Restoration feasibility study, the scour hole downstream of Crosstown Boulevard Bridge was repaired, bank amoring and protection installed on the right bank of East 2018         2015           Dalk Program. This project was completed in the wither of 2021. The contractor was paired a portion of the project. The LMRWD conducted a final inspection of the groject and will be recommending final payment to the contractor at the August 2022 meeting of the Board of Managers.         2018           Stormwater Treate Collorm. This project was and adversion for erek Nox in the channel into a stormwater treated collorm. This project would diversion of creek Nox in the channel into a stormwater treated collorm. This project would adversion report evaluated changes in runoff quantity and quality since 1988, and projected changes to the year 2020. Where significant increases in stormowater treated collorm. This project would dinvisi	reached out to the UMRWD considered using fund allocated to this project for fund restoration of a portion of MN River bank in the City of Carver. The City addressed the issue without funding from the UMRWD.         2017         \$ 12,000.00           This project proposes to restore approximately 2,400 feet of stream and repair erosion under the 128th oram, the stream cut in to three values waits, contributing to significant deposits of addiment. This project will be a partnership with the DNR and possibily Trout Unlimited. The Eagle Creek Study completed by the City of Savagin a 222 identifed this area as an area of concern and the City submitted this as a project for consideration under the P 2022/32 WBF.         2015         \$ 22,000.00         \$ 20,000.00         \$ 20,000.00         \$ 50,	reached out to the LMWU to creating the project, as the property in question has changed ownership. The LMWU considered to this project to dim restoration of M Niver bank in the City of Carver. The City addressed the issue without funding from the LMNUD. This project proposes to restore approximately 2,400 feet of stream and repair erosion under the 128th Street Bridge. The goals of the project are to reduce erosion and improve fish habitat. Due to beaver dams, the stream exist in the evaluation, control the gindfinant deposit to adaptioner. The East Creek Study Completed physical control to the gindfinant deposit of adaptioner. The East Creek Study Completed physical control to the P V 2021/23 VBF. The East Chaska Creek feasibility study reported that an ideal location to construct a treatment wetland physical control of the project. The LMRVD received a grant of 52,770,038 The Origin Carvet and the City adaption and the Study Study. The Start Carvet Adaption of the Bridge and Carvet Stream of Carvet Adaption of the Bridge and the Start Study Carvet and start and the City adaption and the Start Study Carvet and start and the City adaption and the Start Study Carvet and start and the City adaption of the Start

Sustainable Lakes Management Plan (trout waters) 77-702-000-0104	This project will develop a plan for management of trout lakes within the LMRWD. The Sustainable Lakes Management Plan (SLMP) will assess acquatic plant coverage, exotic species issues, shoreline conditions, nutrients and temperature dynamics, stormwater and groundwater contributions, and roles and responsibilities. A management plan will be developed, as well as an implementation plan and schedule. Recreational opportunities will be assessed.	2018 2019 2020 2021 2022	\$ 50,000.00 \$ - \$ 50,000.00 \$ - \$ 50,000.00 <b>\$ 150,000.00</b>	\$ - \$ 17,554.65 \$ 4,225.33 \$ - \$ - <b>\$</b> - <b>\$</b> 21,779.98	\$ 128,220.02
Geomorphic Assessment of Trout Streams 77-702-000-0106	The geomorphic assessment of trout streams will consider changes in trout stream alignment, confluence point(s), or geometry, and stream reaches upstream and downstream of the confluence point(s). Stream width-to-depth ratios, stream bed slope, meander pattern, and other bed features shall be modeled according to a stable reference reach. Reference reaches are nearby, hydrologically, and geomorphically- stable stream segments. A reference reach could be upstream or downstream, or in a nearby watershed. Assessment of the current and future discharge and sediment regimes shall be based on watershed conditions that are above stream or a close as possible to the stream.	2018 2019 2020 2021 2022	\$ 50,000.00 \$ - \$ 50,000.00 \$ - \$ - \$ <b>50,000.00</b> \$ <b>50,000.00</b>	\$ 2,729.75 \$ 91,175.37 \$ 34,590.96 \$ - \$ 5,113.85 <b>\$ 133,609.93</b>	\$ (33,609.93)
Paleolimnology Study 77-702-000-0111	This project was completed in partnership with Freshwater and LaCore at the University of Minnesota. Cores were taken from floodplain lakes in the Minnesota River Valley and analyzed to detemine if sedimentation rates could be correlated with changes to upstream land uses.	2018	\$ 50,000.00 \$ 50,000.00	\$ 37,200.00 \$ 37,200.00	\$ 12,800.00
District Boundary adjustments 77-702-000-0128	This project will work with adjacent water management organizations to better align LMRWD boundaries with the flow of surface water. MAC has begun work on a survey to identify boundary changes needed.	2018	\$ 10,000.00 \$ <b>10,000.00</b>	\$ - \$ -	\$ 10,000.00
MN River Sediment reduction strategy 77-702-000-0130	This project will collaborate with the MPCA to develop strategies for evaluating and mitigating sediment loads coming into the Minnesota River.	2018 2019	\$ 25,000.00 \$ 25,000.00 \$ 50,000.00	\$ - \$ - <b>\$</b> -	\$ 50,000.00
Assumption Creek Hydrology Restoration	Assumption Creek is a trout stream, so it is important to maintain the temperature of the groundwater discharge. According to the City of Chaska, portions of the creek dry out periodically. It is unknown exactly what has reduced the hydrology of the creek. It may have been the U.S. Army Corps of Engineers' diversion project, historic creek rerouting for the brick factory, road construction, or other development effects. This project will evaluate opportunities available to resupply the groundwater hydrology to the creek. Assumption Creek is impaired for Acquatic macroinvertebrates bioassessments.	2019 2021 2022	\$ 30,000.00 \$ - \$ - \$ 30,000.00	\$ - \$ 2,125.50 \$ 15,933.13 <b>\$ 18,058.63</b>	\$ 11,941.37
Carver Creek	This project includes stabilizing the outer bends of Carver Creek with toe protection, grading banks to a more stabile slope and stabilizing the gully. Carver Creek is impaired for Nutrients, Turbidity, Fecal Coliform, Fishes bioassessment and Acquatic macroinvertebrates bioassessments.	2019 2020	\$         80,000.00           \$         15,000.00           \$         95,000.00	\$ - \$ - <b>\$</b> -	\$ 95,000.00
MN River Floodplain Model feasibility study 77-702-000-0110	This project will review the existing Minnesota River floodplain model to determine if updates are required. The current model was a partnership between the LMRWD, DNR and the U.S. Army Corps of Engineers' and was developed in 2004.	2019 2022	\$ 30,000.00 \$ - <b>\$ 30,000.00</b>	\$ - \$ 11,041.50 <b>\$ 11,041.50</b>	\$ 18,958.50
Schroeder's Acres Park 77-702-000-	Schroeder Acers Park is located in the city of Savage within the LMRWD. The goal is to improve the overall health of Eagle Creek, a designated trout stream, by reducing bacteria, and nutrients, managing temperature, reducing volume, evaluate impacts of chlorides. The LMRWD has received a \$60,000 grant through the Metro-area Watershed Based Funding Pilot Program for this project.	2019 2020	\$ 39,555.00 \$ 181,055.00 \$ 220,610.00	\$ - \$ 260.00 \$ 260.00	\$ 220,350.00
Prior Lake Outlet Channel Realignment 77-702-000-	This project includes a feasibility study to determine potential water quality benefits to Dean Lake that would result from restoration of the Prior Lake Outlet Channel including altering the alignment (creating meanders) and constructing a flow-through wetland complex to slow the flow of water. Funds will also be used towards the construction of identified activities/BMP's that will benefit water quality in Dean Lake and, subsequently, the Minnesota River downstream. The LMRWD has received a \$71,570 grant through the Metro-area Watershed Based Funding Pilot Program for this project.	2019 2020 2021 2022	\$ 71,727.00 \$ - \$ 70,000.00 \$ 30,000.00 \$ 171,727.00	\$ - \$ 171,570.00 \$ - <b>\$ 171,570.00</b>	\$ 157.00
Spring Creek restoration project	This project is to study Spring Creek hydrology and hydraulics to validate the proposed 2019 stabilization designs for 112 5th Street West and 404 Broadway Street in Carver, MN. Spring Creek is impaired for Fecal Coliform. (Although it it not on the public waters inventory)	2019 2020 2021 2022	\$ 45,000.00 \$ - \$ 75,000.00 \$ - \$ 120,000.00	\$ 4,543.78 \$ - \$ 8,742.36 \$ 8,313.26 <b>\$ 21,599.40</b>	\$ 98,400.60

West Chaska Creek Cooperative Project/CCWMO	The project will re-meander approximately 1,100 linear feet of a ditched segment of West Chaska Creek. Lengthening the channel will reduce water velocity, lower sheer stress on the banks, reconnect the creek to its floodplain and reduce the amount of sediment transported downstream to the Minnesota River, Based on upstream reference reaches and changes observes since the creek was straightened, the project will reduce TSS by an estimated 4,400 pounds per year for 30 years. This project is a partnership with Carver County WMO, who is responsible for development and execution of the project. The LMRWD agreed to contribute \$50,000 to the project. West Chaska Creek is impaired for Fecal Coliform.	2019 2020 2022	\$ 50,000.00 \$ - \$ - \$ 50,000.00	\$ - \$ 162.50 \$ 27,441.00 \$ 27,603.50	\$ 22,396.50
TH101 Ravine/Shakopee	This project addresses a storm water issue at the site of the Amazon Fulfillment Center in Shakopee that was flowing across a burial site located within the boundaries of Murphy's Landing. Funding for this project was allocated from the Water Resource Fund.	2019 2020	\$ - \$ 35,000.00 \$ <b>35,000.00</b>	\$ 402.97 \$ - \$ 35,000.00 <b>\$ 35,402.97</b>	\$ (402.97)
Gully Inventory	This work will build upon the 2020 Gully Inventory and Condition Assessment report by identifying potential gullies that were not inspected or assessed in the original 2007 Gully Inventory. Using GIS software and supplemental fieldwork, this work will identify potential gullies that are contributing to the flow and sediment accumulation of the Minnesota River from the cities of Burnsville, Eagan, Savage, and Shakopee as well as develop recommendations for future field work to assess the condition of these gullies. Funding for this projects is the re-allocation of funds that were being used to address the deficit in the 9 foot Channel Fund.	2020 2021 2022	\$ 80,000.00 \$ - \$ - \$ 80,000.00	\$ 51,714.34 \$ 48,977.93 \$ 690.00 \$ 101,382.27	transfer from 9-foot channel reallocation \$ (21,382.27)
Minnesota River Corridor Management Project	Using the Minnesota River as a focal point, this project will examine issues facing the river's complex natural system, a shared resource and a place where varied interests and other systems converge. The LMRWD seeks to (1) creat a greater understanding of the Lower Minnesota River Corridor and its landscape, (2) demonstrate a desired future for the river and how change in the surrounding landscape can help attain this future, (3) suggest a structure or framework by which the vision can be implemented and (4) identify shared community and public values that form the basis of the project. (this design is modeled after the Vermillion River Corridor Plan.)	2021 2022	\$ 75,000.00 \$ - \$ 75,000.00	\$ 52,786.97 \$ 7,621.97 <b>\$ 60,408.94</b>	\$ 14,591.06
Seminary Fen Ravine A	At the intersection of Engler & Audubon in Chaska, 3.61 acres of wetlamd will be purchased and restored. The site is next to a 6 acre wetland that was restored by the City in partnership with the MN DNR.	2021	\$ 75,000.00 \$ <b>75,000.00</b>	\$- \$-	\$ 75,000.00
Seminary Fen Ravine C-2	This ravine is actively discharging sediment into the Seminary Fen Wetland Complex. This project will conduct a study of the Ravine to estimate sediment contribution and provide approaches and cost estomates for correcting the erosion problem.	2020 2022	\$ 20,000.00 \$ - \$ 20,000.00	\$ 97.50 \$ 20,000.00 <b>\$ 20,097.50</b>	\$ (97.50)
Groundwater Screening Tool Model	The District plans to develop a district specific groundwater model that can be used as a preliminary screening tool for the evaluation of groundwater appropriation requests related to fens within the District. The goal of the model is to define the approximate extent of the recharge zones for the fens andprovide a method for evaluating whether proposed groundwater withdrawals may cause significant decline in the head at one or more of the fens.	2017 2019 2020 2021	\$ 35,000.00 \$ 50,000.00 \$ 50,000.00 \$ - \$ 135,000.00	\$ - \$ - \$ 952.00 <b>\$ 952.00</b>	\$ 134,048.00
Watershed Resource Restoration Fund	This Fund was started in 2022 in order to participate in projects that were not anticipated in when the implementation plan, contained in Section 4 of the LMRWD Comprehensive Watershed Management Plan, was developed.	2022	\$ 120,000.00 \$ 120,000.00	\$ 67,500.00 \$ 67,500.00	\$ 52,500.00
Downtown Shakopee BMP Study	Funding for this project was based on the receipt of a grant under 2019 Metro-area Watershed Based Funding Pilot Program. The project looked at stormwater from downtown Shakopee, which entered the MN River untreated. The goal of the study was to identify and evaluate potential BMPs to treat stormwater before it reached the River. Estimated costs of project was included in the study. The LMRWD received the Study in 2022. The amountof the grant received was \$25,000. The LMRWD anticipated the cost of the project would exceed the grant and offered to contribute up to \$50,000 to the project. The City requested reimbursement of the grant and did not need to request additional funds. The \$50,000 could be allocated to implementation of the Study.	2022	\$ 50,000.00 \$ 50,000.00 \$ 25,000.00 \$ 75,000.00	\$       25,000.00         \$       25,000.00         \$       -         \$       -         \$       25,000.00	WBIF Grant payment \$ 50,000.00

Items highlighted in blue are projects that are did not occur or are complete and have funds remaining.

TOTAL CIP Funds \$ 2,249,644.45