BCWMC ID		Capital Project Description		stimated					Year							
Vatershed-wi		· · ·	Ca	pital Cost ¹	2015	2016	2017	2018 2019	2020	2021	2022	2023	2024	2025	2026	2027
	interco	e sediment deltas in lakes downstream of mmunity watersheds to reduce phosphorus														
		diment loading, following evaluation of nt sources and upstream source control 56)								TBD	TBD	TBD	TBD	TBD		
	Implem	entation of water quality improvement s resutling from Metro Chloride TMDL														
	(pendir	g) to address chloride loading (Policy 18) entation of water quality improvement								TBD	TBD	TBD	TBD	TBD		
	Bacteri	s resutting from the Upper Mississippi River a TMDL (Policy 7, generally)								TBD	TBD	TBD	TBD	TBD		
		entation of water quality improvement s resulting from future TMDLs (Policy 7, lv)								TBD	TBD	TBD	TBD	TBD		
ledicine Lake		Medley Park Stormwater Treatment														
1L-12 ¹⁷ 1L-14 ³	I reduction TMDL	Facility, Golden Valley Medicine Lake shoreland restoration	\$ \$	2,000,000							\$400,000	\$300,000 After 2023	\$ 800,000			
IL-15	ad red	Wet pond (0.5 acre) at downstream end of each major subwatershed	\$	2,000,000								After 2023				
1L-16	² K ³ upstream of Medicine Lake ² L ² L ³ L ¹ L		\$	11,000,000							After 2023					
/L-17	Medicine Lake Plan)			1,400,000												
/L-19 ⁴ /L-20	address rements i	Lake from watershed Mt. Olivet Stream Restoration Project Jevne Park Stormwater Pond, City of	\$ \$	1,000,000 178,100						\$178,100		After 2023				
/IL-21	Projects a require	Medicine Lake to alleviate flooding/improve	1	500,000					\$ 500,000							
1L-22	Pro	Ponderosa Woods Stream Restoration Cost Sharing Purchase of High Efficiency	\$	475,000									\$475,000			
L-23 Iymouth Cree		Street Sweeper for city of Plymouth	\$	75,000						\$75,000						
	to 2,50	th Creek Restoration, from Annapolis Lane D feet upstream (east) of Annapolis Lane to phosphorus and sediment loading, and														
017CR-P 5	improve	th Creek Restoration Project, Old Rockford	\$	863,573			\$ 580,930	\$ 282,643								
026CR-P	Road to	th Creek Restoration Project, Dunkirk Ln to	\$	500,000											\$500,000	
027CR-P weeney Lake	Yuma L a	n & Vicksburg Ln to Cty Rd 9	\$	600,000												\$600,00
L-3 ⁶ L-4	ients in	Schaper Pond Diversion Project Sweeney Lake shoreland restoration	\$ \$	612,000 300,000							L	After 2023		ļ		
L-5	requirements	Water quality retrofits to existing ponds upstream of Sweeney Lake	\$	800,000								After 2023				
L-6	uction re	Dredging of Spring Pond and diversion of Sweeney Lake branch into Spring Pond.	\$	1,000,000								After 2023				
iL-7	d reduc	Projects to reduce loading from untreated Hennepin County and MnDOT right-ot-way	\$	400,000							1	After 2023	1	1		
iL-8	phosphorus load red Sweeney Lake TMDI	Sweeney Lake Water Quality Improvement Project (alum + carp management) ¹⁵	\$	568,080					\$568,080							
L-0	losphor	Chemical treatment of inflow to Sweeney Lake from Sweeney Lake Branch of	ð	300,000					\$308,080							
L-9 ⁴		Bassett Creek Impervious area runoff retention and	\$	1,000,000								After 2023				
	Projects to address	retrofits, including bioretention, rainwater gardens, and soil restoration (various														
iL-10	rojects	locations)	\$	500,000								After 2023				
L-11 win Lake	Γ.	Stormwater treatment system for dissolved phosphorus removal in Golden Valley	\$	400,000								After 2023				
		alum treatment of Twin Lake to reduce phosphorus loading	\$	160,000												
assett Creek	k Park F	· · · ·		,												
	channe	I improvements for water quality treatment to phosphorus loading		\$1,000,000				\$1,000,000								
lorthwood La	ake Northw	bod Lake Water Quality Project to reduce														
	Four S	orus loading easons Mall Area Water Quality		1,769,070		\$ 676,000	\$ 1,093,070									
	Implem	ements to reduce phosphorus loading entation of water quality improvement s recommended in future Northwood Lake	\$	990,000												
assett Creek	TMDL s									TBD	TBD	TBD	TBD	TBD		
	Street,	Main Stem channel, 10th Avenue to Duluth Golden Valley to reduce phosphorus and														
	Main S	nt loading tem Channel Restoration, Cedar Lake Road g Ave to reduce phosphorus and sediment	\$	1,503,000	\$ 1,503,000											
017CR-M ¹⁰	loading		\$	1,064,472			\$ 400,000	\$ 664,472								
024CR-M	phosph	Valley Road (in Golden Valley) to reduce orus and sediment loading	\$	700,000									\$ 100,000	\$ 600,000		
	Term F	e Lake Road and Winnetka Avenue Long lood Mitigation Plan Implementation well Pond Expansion, Main Stem Watershed	\$	4,200,000				\$ 1,100,0	00 \$ 500,000		\$ 300,000	\$ 1,000,000		\$600,000	\$700,000	
	(Golder provide	Valley) to reduce phosphorus loading and water quantity benefits	\$	1,202,000		\$1,202,000										
	reducti	Quality Improvements (phosphorus on) in Bryn Mawr Meadows, Main Stem														
	Dredgir	hed (Minneapolis) ¹⁶ ng of accumulated sediment in Main Stem of	\$	912,000					\$ 100,000	\$ 812,000						
	Wirth F	Creek just north of Highway 55, Theodore Regional Park, to reduce phosphorus loading	¢	2 750 000						\$ 600.000	\$1.400.000	¢050 000	\$200,000			
	Bassett	orove habitat Creek Park Water Quality Improvement		2,759,000						φ ουυ,000	\$1,100,000	\$859,000				
		are purchase of high efficiency street	\$	500,000									\$ 200,000	\$300,000		
C-12	sweepe	r for city of Golden Valley Ave/Minnaqua Pond Stormwater	\$	150,000										\$150,000		
C-13	Improve ke	ements & Flood Reduction	\$	700,000												\$700,
		ood Lake Water Quality Improvement Project twood Hills Nature Center		\$300,000				\$ 300,0	00							
VST-2		Lake Drainage Improvement Project to erosion, suspended solids, and total														
VST-2 arkers Lake	reduce			\$485,000						\$ 485,000						
VST-2 Parkers Lake PL-7 Crane Lake	reduce phosph	orus to Pakers Lake							\$ 300,000							
/ST-2 arkers Lake L-7 rane Lake	reduce phosph Retentio area (e	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens)		\$300 000			1	1	÷ 500,000	1					\$ 300,000	
/ST-2 arkers Lake L-7 rane Lake	reduce phosph Retentio area (e to redu Crane	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) e phosphorus loading _ake Chloride Reduction Demonstration		\$300,000 \$300.000						1					+ 000,000	
/ST-2 arkers Lake L-7 rane Lake L-3 ¹⁴ L-4 lood Control	Retention area (e to redu Crane Project	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) e phosphorus loading .ake Chloride Reduction Demonstration at Ridgedale Mall t		\$300,000												¢4 cc-
/ST-2 arkers Lake L-7 L-3 ¹⁴ L-4 lood Control CP-1	Retention area (e to redu Crane Project	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) ce phosphorus loading .ake Chloride Reduction Demonstration at Ridgedale Mall			\$1,503,000	\$1,878,000	\$2,074,000	\$1,947,115 \$1,400,	000 \$1,968,080) \$2,150,100	\$1,800,000	\$2,159,000	\$1,775,000	\$1,650,000	\$1,500,000	\$1,200, \$2,500 ,
/ST-2 arkers Lake L-7 rane Lake L-3 ¹⁴ L-4 lood Control CP-1 D = To be de BD = To be de BD = To be de	reduce phosph Retentionarea (et to redu Crane I Project Flood C Flood C	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) ce phosphorus loading .ake Chloride Reduction Demonstration at Ridgedale Mall t control Project Double Box Culvert Repairs Total Annual Estimated Project Cost ² ad, usually at the time the project is listed in the ted in 2015 - 2020 dollars, depending on who	ne wa	\$300,000 \$1,200,000 \$46,681,295 orking (5-yea roject was a	ar) CIP. dded to CIP.										\$1,500,000	
VST-2 Parkers Lake PL-7 Crane Lake CL-3 ¹⁴ CL-3 ¹⁴ CL-4 CP-1 Iotes: BD = To be de . Project costs . Includes est . ML-14: Project	reduce phosph Retentionarea (et to redu Crane I Project Flood C eterminated s present timated ect may	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) ze phosphorus loading .ake Chloride Reduction Demonstration at Ridgedale Mall t control Project Double Box Culvert Repairs <u>Total Annual Estimated Project Cost²</u> ad, usually at the time the project is listed in th ted in 2015 - 2020 dollars, depending on wh include lakeshore restoration projects admini	ne wo ien pi nentat	\$300,000 \$1,200,000 \$46,681,295 prking (5-yea roject was ar tion year. A ad by the BC	ar) CIP. dded to CIP. nnual Estimated WMC. The City	Costs do not of Plymouth I	necessarily re nas already pe	flect actual Hennepin Co	inty levy amount	due to grants,	financial con	tributions from			\$1,500,000	
VST-2 Parkers Lake PL-7 Crane Lake CL-3 ¹⁴ CL-4 CL-4 CL-4 CL-4 CL-4 CL-4 CL-4 CL-4	reduce phosph Retentii area (e to redu Crane I Project Flood C Etermine s preser timated ect may ost of pr Project i	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) ce phosphorus loading .ake Chloride Reduction Demonstration at Ridgedale Mall t control Project Double Box Culvert Repairs <u>Total Annual Estimated Project Cost²</u> ad, usually at the time the project is listed in th ted in 2015 - 2020 dollars, depending on wh costs for projects not yet assigned an implem include lakeshore restoration projects admini ojects ML-19 and SL-9 do not include the ann s based on recommednations in the 2009 Ply	ne wo ien pi nentat istere nual o rmou	\$300,000 \$1,200,000 \$46,681,295 porking (5-yea roject was ar tion year. A ad by the BC cost of chem	ar) CIP. dded to CIP. nnual Estimated WMC. The City ical precipitant	Costs do not of Plymouth I and operation	necessarily re nas already pe	flect actual Hennepin Co	inty levy amount	due to grants,	financial con	tributions from			\$1,500,000	
VST-2 PL-7 Crane Lake CL-3 ¹⁴ CL-4 CL-4 CL-4 CL-4 CL-4 CL-4 CL-4 CL-4	reduce phosph Retention area (et to reduce Project Project Flood C etermine s present timated ect may post of pr Project i V-2: Pro-	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) ze phosphorus loading .ake Chloride Reduction Demonstration at Ridgedale Mall t Control Project Double Box Culvert Repairs Total Annual Estimated Project Cost ² ad, usually at the time the project is listed in th ted in 2015 - 2020 dollars, depending on wh costs for projects not yet assigned an implem include lakeshore restoration projects admini ojects ML-19 and SL-9 do not include the ann s based on recommednations in the 2009 Ply jects already levied, to be constructed in 201	ne wo nen pi nentat istere nual o mou 5.	\$300,000 \$1,200,000 \$46,681,295 orking (5-yea roject was a tion year. A wid by the BC cost of chem th Creek Res	ar) CIP. dded to CIP. nnual Estimated WMC. The City ical precipitant storation feasibi	Costs do not of Plymouth I and operation lity study.	necessarily re nas already pe /maintenance o	flect actual Hennepin Co rformed lakeshore restor of treatment facility.	inty levy amount ation on some pro	due to grants, pperties adjace	financial con nt to Medicin	tributions from e Lake.	cities, and us	se of CIP	\$1,500,000	
VST-2 arkers Lake L-7 rane Lake L-3 ¹⁴ L-4 lood Control CP-1 Otes: BD = To be de Project costs Includes est ML-14: Projec 2017CR-P: F SL-3 and TW NL-1: Projec ystem, and bic NL-2: The Fc	reduce phosph Retentid area (e to redu Crane Project Flood C Flood C etermine s preser timated ect may post of pr Project i V-2: Pro- ct based oinfiltrat our Sea	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) ze phosphorus loading .ake Chloride Reduction Demonstration at Ridgedale Mall t Control Project Double Box Culvert Repairs Total Annual Estimated Project Cost ² ad, usually at the time the project is listed in th ted in 2015 - 2020 dollars, depending on wh costs for projects not yet assigned an implem include lakeshore restoration projects admini ojects ML-19 and SL-9 do not include the ann s based on recommednations in the 2009 Ply jects already levied, to be constructed in 201	ne wo ien pi nental istere nual o mou 5. atersh	\$300,000 \$1,200,000 \$46,681,295 orking (5-yee roject was a tion year. A ad by the BC cost of chem th Creek Re- ned and Lake e construction	ar) CIP. dded to CIP. nnual Estimated WMC. The City ical precipitant storation feasibi e Management F on of stormwater	Costs do not of Plymouth I and operation lity study. Plan. Project ir r treatment por	necessarily re nas already pe /maintenance of ncludes constru- nds,-restoration	flect actual Hennepin Cor rformed lakeshore restor of treatment facility. uction of a pond upstrear n of an eroding stream cl	inty levy amount ition on some pro n of Northwood Li iannel, alum treat	due to grants, pperties adjace ake and install ment of storm	financial con nt to Medicin ation of under vater, or othe	tributions from e Lake. rground stormv r projects to ac	cities, and us vater treatmer	se of CIP	\$1,500,000	
/ST-2 arkers Lake L-7 rane Lake L-3 ¹⁴ L-4 lood Control CP-1 Otes: BD = To be de Project costs Includes est Includes est	reduce phosph Retentiinarea (et or reduit area (et or reduit Crane I Project Project Project Flood C etermine s preser fitmated ect may sost of pr Project i t based oionfiltratosiofiltratosio oionfiltratosiofiltratosioni Project sost	on of impervious area drainage at Ridgedale g., bioswales, tree trenches, rain gardens) ge phosphorus loading Lake Chloride Reduction Demonstration at Ridgedale Mall t control Project Double Box Culvert Repairs Total Annual Estimated Project Cost ² ad, usually at the time the project is listed in the ted in 2015 - 2020 dollars, depending on wh costs for projects not yet assigned an impler include lakeshore restoration projects admini ojects ML-19 and SL-9 do not include the anr s based on recommediations in the 2009 Ply ojects already levied, to be constructed in 201 on Option 4 of the 1996 Northwood Lake Wa ion cells. sons Mall Area Water Quality Project could in term from recommendations from the 1996 <i>NV</i> is based on recommediations from the 1996 <i>NV</i> sons Mall Area Water Quality Project could in term from recommendations from the 1996 <i>NV</i> is based on recommendations in the Feasibili	ne wo aen p aentat stere nual o rmou 5. atersh atersh atersh wity St	\$300,000 \$1,200,000 \$46,681,295 orking (5-yee roject was an tion year. A d by the BC cost of chem- th Creek Re- ned and Lake e construction cood Lake W udy for 2015	arr) CIP. dided to CIP. nnual Estimated WMC. The City ical precipitant storation feasibi a Management F on of stormwater (atershed and L 5 Bassett Creek	Costs do not of Plymouth I and operation. lity study. Plan. Project in treatment por ake Managerr Main Stem Re	necessarily re nas already pe maintenance of ncludes constru- nds,-restoration nent Plan. The estoration Proje	flect actual Hennepin Co rformed lakeshore restor of treatment facility. uction of a pond upstrear n of an eroding stream cl BCWMC levied for the p act (2014). Project alread	inty levy amount tition on some pro n of Northwood Li iannel, alum treat roject defined as	due to grants, pperties adjace ake and install ment of storm option 1 in the	financial con int to Medicin ation of under vater, or othe 2012 feasib	tributions from e Lake. rground stormv r projects to ac	cities, and us vater treatmen Idress phospi project plann	e of CIP nt and reuse horus ned to	\$1,500,000	
/ST-2 arkers Lake L-7 rane Lake L-3 ¹⁴ L-4 lood Control CP-1 Otes: BD = To be de Project costs Includes est Includes est Includes est ML-14: Proje 2017CR-P: F SL-3 and TW NL-1: Projec ystem, and bic NL-2: The Fc SL-3 and TW NL-2: The Fc SL-3 and TW NL-2: The Fc Output for the projection of the pro- poincide with re 2015CR-M: F	reduce phosph Retentii area (et to redu Crane I Project Project Flood (1 reterministic) s present timated act may post of pr Project to based oinfiltratad act may post of pr Project to based oinfiltratad crans et al project s s edevelop Project s roject s	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) e phosphorus loading _ake Chloride Reduction Demonstration at Ridgedale Mall t Control Project Double Box Culvert Repairs Total Annual Estimated Project Cost ² ad, usually at the time the project is listed in th ted in 2015 - 2020 dollars, depending on wh costs for projects not yet assigned an implem include lakeshore restoration projects admini ojects ML-19 and SL-9 do not include the ann s based on recommednations in the 2009 Ply jects already levied, to be constructed in 201 on Option 4 of the 1996 Northwood Lake Wa ton cells. sons Mall Area Water Quality Project could in tem from recommendations from the 1996 <i>No</i> oment of the Four Seasons Mall area. Is based on recommendations in the Feasibili t is based on recommendations in the Feasibili t is based on recommendations in the Feasibili	ne wo ien pi nental stere nual o ymou 5. atersh nclud orthw ity St ility St e por	\$300,000 \$1,200,000 \$46,681,295 orking (5-yea roject was an tion year. A cost of chem th Creek Re- ned and Lakk e construction word Lakke W udy for 2011 Study for 2011 of	ar) CIP. dded to CIP. nnual Estimated WMC. The City ical precipitant storation feasibi a Management f an of stormwater (atershed and L b Bassett Creek 12 Bassett Creek	Costs do not of Plymouth I and operation, lity study. Plan. Project in treatment por <i>ake Managerr</i> Main Stem Re k Main Stem R	necessarily re nas already pe /maintenance of ncludes constru- nds,-restoration nent Plan . The estoration Proje Restoration Proje	flect actual Hennepin Cor formed lakeshore restor of treatment facility. uction of a pond upstrear n of an eroding stream cl BCWMC levied for the p act (2014). Project alread ject (2011).	inty levy amount tion on some pro- n of Northwood Li annel, alum treat roject defined as y levied: the BCV	due to grants, pperties adjace ake and install ment of storm option 1 in the VMC certified	financial con int to Medicin ation of under vater, or othe 2012 feasib	tributions from e Lake. rground stormv r projects to ac	cities, and us vater treatmen Idress phospi project plann	e of CIP nt and reuse horus ned to	\$1,500,000	
ST-2 arkers Lake -7 rane Lake -3 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	reduce phosph Retentiin area (et or edu) Crane I Project Flood C Flood C Project it s preser timated exct may sot of pr Project it based our Sea edevelopers a cet day Project is based	on of impervious area drainage at Ridgedale .g., bioswales, tree trenches, rain gardens) .g. phosphorus loading .ake Chloride Reduction Demonstration at Ridgedale Mall t Control Project Double Box Culvert Repairs Total Annual Estimated Project Cost ²⁷ ad, usually at the time the project is listed in th ted in 2015 - 2020 dollars, depending on wh costs for projects not yet assigned an implem include lakeshore restoration projects admini ojects ML-19 and SL-9 do not include the ann s based on recommednations in the 2009 Ply jects already levied, to be constructed in 201 on Option 4 of the 1996 Northwood Lake Wa ion cells. sons Mall Area Water Quality Project could in tem from recommendations from the 1996 <i>No</i> ment of the Four Seasons Mall area. Is based on recommendations in the Feasibilit is based on recommendations in the Feasibilit	ty St atersh multiplet mul	\$300,000 \$1,200,000 \$46,681,295 orking (5-yeer roject was an tion year. A do by the BC cost of cherr th Creek Re- red and Lake e construction wood Lake W udy for 2015 Study for 2015 Study for 2015 study for 2016 adreshed Mal urshed and L	ary CIP. dided to CIP. nnual Estimated WMC. The City ical precipitant storation feasibi a Management f on of stormwater fatershed and L 5 Bassett Creek 12 Bassett Creek 12 Bassett Creek 13 Bassett Creek 14 Bassett Creek 14 Bassett Creek 14 Bassett Creek 15 Bassett Creek 15 Bassett Creek 16 Bassett Creek 17 Bassett Creek 18 Bassett Creek 19 Bassett Creek 19 Bassett Creek 19 Bassett Creek 19 Bassett Creek 19 Bassett Creek 19 Bassett Creek 10 Bassett C	I Costs do not of Plymouth I and operation. lity study. Plan. Project in treatment por ake Managem Main Stem Re k Main Stem F to treat curren	necessarily re nas already pe /maintenance of ncludes constru- nds,-restoration nent Plan. The estoration Proje Restoration Proje	flect actual Hennepin Cor formed lakeshore restor of treatment facility. uction of a pond upstrear n of an eroding stream cl BCWMC levied for the p act (2014). Project alread ject (2011).	inty levy amount tion on some pro- n of Northwood Li annel, alum treat roject defined as y levied: the BCV	due to grants, pperties adjace ake and install ment of storm option 1 in the VMC certified	financial con int to Medicin ation of under vater, or othe 2012 feasib	tributions from e Lake. rground stormv r projects to ac	cities, and us vater treatmen Idress phospi project plann	e of CIP nt and reuse horus ned to	\$1,500,000	