

Table 12-2 Water Quality Management and Flood Control 10-Year Capital Improvements Program

	Water Quality Improvement	Capital Cost ¹		Year									
		A (Actual Project (Cost))	E (Estimated Project Cost)	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Medicine Lake													
ML-1 ²	Construct wet detention pond for subwatershed BC94B1 (Option 8 in Medicine Lake Plan)		\$0										
ML-2 ³	Reduce Goose Loadings by 75% (Option 17 in Medicine Lake Plan)												
ML-3, ML-4 ⁴	Reroute flows from subwatershed BC94 to a larger wet detention pond for BC92 (Option 9a in Medicine Lake Plan) & dredging of accumulated sediment Medicine Lake East Beach wet detention pond for subwatershed BC107 (Option 11 in Medicine Lake Plan) & dredging of accumulated sediment	A	\$893,000										
ML-5 ⁵	Construct wet detention pond for subwatersheds BC98, BC98A and BC98B (Option 10a in Medicine Lake Plan) & dredging of accumulated sediment		\$0										
ML-6	Construct wet detention pond for subwatershed BC94B2 (Option 6 in Medicine Lake Plan)	E	\$14,000									\$14,000	
ML-7 ⁶	In-Lake Herbicide Treatment (Option 18 in Medicine Lake Plan)	A	\$132,000										
ML-8	Lakeview Park Pond		\$0										
ML-11 ¹⁵	Medicine Lake Park Pond	E	\$1,100,000										
Plymouth Creek													
PC-1 ¹⁹	26th Avenue to Medicine Lake	E	\$965,000	\$902,462									
PC-2 ¹⁹	26th Avenue to 37th Avenue	E	\$559,000						\$105,000	\$454,000			
Parkers Lake													
PL-6 ¹⁴	Improvements to stormwater basin in PL-A13 near Circle Park (from the City of Plymouth's Parkers Lake Implementation Plan)	E	\$73,000										
Wirth Lake													
WTH-1 ⁷	Dredging subwatershed FR-5 detention pond (Option 2 in Wirth Lake Plan)	A	\$69,000										
WTH-2 ⁸	Highway 55 detention pond (option 3 in Wirth Lake Plan)	E	\$215,000										
WTH-3 ⁸	In-lake alum treatment (Option 1 in Wirth Lake Plan)	E	\$59,000										
Sweeney Lake													
Twin Lake													
TW-1 ⁹	Pond expansion (Option 1 in Twin Lake Plan)	E	182,000										
Westwood Lake													
WST-1 ¹⁰	Flag Avenue detention/ skimming facility (Option 1 in Westwood Lake Plan)	A	\$174,000										
Bassett Creek Park Pond													
	None-see Table 2 Potential future water quality projects												
Northwood Lake													
NL-1 ¹¹	Construct ponds NB-35A, B, C and NB-29A, B (Option 4 in Northwood Lake Plan)	E	\$595,000						\$595,000				
NL-2	Dredge pond NB-07 (Option 2 in Northwood Lake Plan)	E	\$943,000			\$943,000							
NL-3	Divert Lancaster Lane storm sewer (Option 3 in Northwood Lake Plan)	E	\$59,000									\$59,000	
NL-4 ¹²	Construct ponds NB-36A, NB-37A, NB-38A and NB-28A, B (Option 5 in Northwood Lake Plan)	A	\$153,000										
NL-7 ¹⁶	Construct pond adjacent to creek	E	\$139,000										
Bassett Creek Main Stem													
BC-1 ¹³	Pond BC 10-3 (Option 4 in Bassett Creek Main Stem Plan)		\$0										
Crystal Boundary to Regent Ave ²⁰	Channel restoration	E	\$636,000	\$34,800	\$601,200								
Highway 169 to Crystal Boundary	Channel restoration	E	\$780,000		\$398,800	\$381,200							
BC3, BC5, BC7		E	1,300,000					\$15,800	\$984,200	\$300,000			
BC2, BC4, BC8		E	1,000,000				\$15,800	\$984,200					
Irving Avenue to Golden Valley Road	Channel restoration	E	\$1,000,000								\$546,000	\$454,000	
Sweeney Lake Branch													
Courtawn Pond to Turners Crossing ¹⁷	Channel restoration	A	\$386,000										
North Branch													
36th Ave to Bassett Creek Park ²¹	Channel restoration	E	\$660,000			\$618,800	\$41,200						
Grimes, North, & South Rice Ponds													
GR-2	Grimes Pond wet detention pond (Option 4 in Rice and Grimes Ponds Plan)	E	\$104,000									\$104,000	
Crane Lake													
CL-1	Ramada Inn detention/ skimming facility (Option 1 in Crane Lake Plan)	E	\$116,000										
CL-2 ¹⁸	Joy Lane Wet Detention Pond (Alt. #2)		\$0										
Turtle Lake													
	None Proposed												
Lost Lake													
	None Proposed												
				Capital Cost	2010	2011	2012	2013	2014	2015	2016	2017	2018
ANNUAL ESTIMATED COST					\$937,262	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$984,200	\$1,000,000	\$1,000,000	\$631,000

- Notes:**
- Capital Cost does not include land acquisition costs, but does include legal, administration, and 25% additional for contingencies.
 - Constructed by City.
 - Periodically completed by City.
 - This project includes dredging of accumulated sediment and was completed in 2006.
 - Mn/DOT sound wall construction in New Hope will require relocation and resizing of storm sewer in this watershed.
 - Treatment completed by the City of Plymouth in 2005, 2006, and 2008.
 - Completed in 2006.
 - Project authorized in 2006. Issues regarding participation by Mn/DOT and future maintenance have delayed construction, no current schedule.
 - Project authorized in 2006. Issues regarding site contamination and right-of-way have delayed construction, no current schedule.
 - Project completed in 2006.
 - The City of New Hope constructed NB-35A, B, C but not to the same degree as proposed in the lake and watershed management plan. NB-29 A and B have not been constructed. These improvements will need to be re-evaluated as part of the feasibility study. Costs shown are for NB-29A and B only. Costs will be added to the CIP to upgrade these ponds if the feasibility study indicates that they should be upgraded.
 - The City of New Hope constructed NB-28A and B. NB-36A, NB-37A and NB-38A were completed in 2006.
 - This project was completed as part of the Boone Ave and Brookview Golf Course improvement projects in 2004.
 - Project approved for construction in 2006, to be completed as part of street repaving project.
 - Minor Plan Amendment approved April 2007. Project to be completed in 2010.
 - Minor Plan Amendment approved September 2007. Project completed in 2009.
 - Minor Plan Amendment approved August 2007. Project completed in 2008.
 - Not feasible per city of Minnetonka in 2008.
 - Minor Plan Amendment approved June 2009. Project PC-1 to be completed in 2011.
 - Minor Plan Amendment approved June 2009.
 - Project construction proposed to start in 2011 using CIP reserve funds.