

Appendix C
Capital Improvements Program

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 BC#481 (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	Regrade flows from subwatershed BC#4 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 BC#107 (Option 11 in Medicine Lake Plan) & dredging of accumulated sediment	A	\$893,000									
ML-5 ⁵	Construct wet detention pond for subwatersheds BC#98, BC#94 and BC#90 (Option 10a in Medicine Lake Plan) & dredging of accumulated sediment		\$0									
ML-6	Construct wet detention pond for subwatershed BC#482 (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					\$196,000						
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									
WTH-4	Modify outlet to prevent back flow (Wirth Lake TMDL Implementation Plan)		\$180,000			\$150,000						
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	Drainage pond NB-07 (Option 2 in Northwood Lake Plan)	E	\$943,000			\$943,000						
NL-3	Divert Lansister Lane storm sewer (Option 3 in Northwood Lake Plan)	E	\$59,000									\$59,000
NL-4 ¹²	Construct ponds NB-37A, NB-37B, NB-36A 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-1B-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							
Wisconsin Ave to Crystal Boundary	Channel restoration	E	\$580,000		\$290,000	\$290,000						
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	\$356,000			\$856,000						
Sweeney Lake Branch												
Courtlawn Pond to Turners Crossing ¹⁷	Channel restoration	A	\$386,000									
North Branch												
36th Ave to Bassett Creek Park ²¹	Channel restoration	E	\$835,000		\$800,000	\$235,000						
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
Grane Lake												
CL-1	Ramada Inn detention/skimming facility (Option 1 in Grane 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			\$337,262	\$1,491,200	\$1,561,000	\$1,154,800	\$1,000,000	\$984,200	\$1,000,000	\$454,000	\$177,000

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.