Appendix C

Capital Improvements Program

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

	1	A (Actual Project (Cost)	Year								
	Water Quality Improvement	E (Estimated Project Cost)	2010	2011	2012	2013	2014	2015	2016	2017	2018
Medicine Lake	ciajos y pressurare.						MINN NOR	- ALC HOLD OF		407 F8 00	82500
ML-1 ²	Construct well Scientiscs prind for subwatershed BCP481 (Option 8 in Medicine Lake Plan)	\$0									
ML-2 ³	Reduce Goose Leadings by 75% (Option 17 in								K-0701 100		
inc 2	Medicine Lake Plan) Reroute flows from subwatershed BC94 to a										
ML-3, ML-4 ⁴	larger wet detention pand for BC92 (Option 9a in Medicine Lake Plan) & dredging of accumulated	A \$893,000						ĺ			
IVIC-3, IVIC-4	Sediment Medicine Lake East Beach wet detention point for	A \$893,000									
	subwatershed BC107 (Option 11 in Medicine Lake							İ			
	Plan) & dredging of accumulated sediment										
	Construct wet detention pond for subwatersheds BC98, BC98A and BC98B (Option 10s in Medicine										
ML-5 ⁵	Lake Plan) & dredging of accumulated sediment	\$0									
ML-6	Construct wet detention pand for subwatershed BC94B2 (Option 6 in Medicine Lake Plan)	E \$14,000									514.00
ML-7 ⁸	In-Lake Herbicide Treatment (Option 18 in										\$14,00
ML-8	Medicine Lake Plan) Lekeview Park Pond	A \$132,000				\$196,000					100 May 200 V
MI -11 15	Medicine Lake Park Pend	E \$1,100,000									
Plymouth Creek	26th Avenue to Medicine Lake	E \$965,000	\$902,462	Marabels.				44,3500	APPLICATION OF		
PC-2 19	26th Avenue to 37th Avenue	E \$559,000	\$502,402						\$105,000	\$454,000	
Parkers Lake					A 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Topic II.		131/2		Edward New	MODEL N
PL-6 ¹⁴	Improvements to stormwater basin in PL-A13 near Circle Park (from the City of Plymouth's Parkers	E \$73,000									
Wirth Lake	Lake Imprimentation Plan)	E \$73,000			F-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(3,563,83)		6000000	120000000000000000000000000000000000000		1.55
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	E \$59,000									
ACTUAL CONTRACTOR	Plan) Modify outliet to prevent back-flow (Whith Lake		of the state of th	Sheets Into a		STATE OF THE STATE OF	0.0/1/0.000	Mark Control	0.10.8.20.0.01	and a second	
WTH-4 Sweeney Lake	TMDL Implementation Plan)	\$180,000	Same Princes		\$180,000		CONTRACTOR OF THE		CONTRACTOR OF		
-			humani.								
Twin Lake			A AVENUE	TAX-SECTION						1 miles 25 25 25 25 25 25 25 25 25 25 25 25 25	2,53200
TW-1 ⁹	Pond expansion (Option 1 in Twin Lake Plan)	E 182,000									
Westwood Lake	Flag Avenue detention/ skimming facility (Option 1	ALICANIE TEACHDEN	REPRO	Author State	energina.	(47.45) 1°40	e de la companya de l				
WST-1 10 Bassett Creek Park	in Westwood Lake Plan)	A \$174,000									
Pond				ALC: THE							
	None-see Table 2 Futential future water quality projects										
Northwood Lake					15 15 .3	275.57	1000	1,500,000		STANKON	
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 Lanciister Lane storm sewer (Option 3 in Northwoold Lake Plan)	E \$59,000									\$59,00
	Construct ponds NB-36A, NB-37A, NB-36A and										
NL-4 12 NL-7 16	NB-28A, B (Option 5 in Northwood Lake Plan)	A \$153,000									
Bassett Creek Main	Construct pond adjacent to creek	E \$139,000	UBST CALCO	E S T S S S S S S S		3009700	DISCOUNTD.	and the others.	5.00(40.000)	Contract to the	100000000
Stem		3.2									11270
BC-1 13	Pond BC 10-3 (Option 4 in Bassett Creek Main Stem Plan)	\$0									3
Crystal Boundary to Regent Ave ²⁰	Channel restoration	E \$636,000	524 000	5001 000							
Wisconsin Ave to		E \$636,000	\$34,800	\$601,200							
Crystal Boundary	Channel restoration	E \$580,000		\$290,000	\$290,000						
BC3, BC5, BC7 BC2, BC4, BC8		E 1,300,000 E 1,000,000				\$15,800	\$15,800 \$984,200	\$984,200	\$300,000		
Irving Avenue to		1,000,000	2000	DIA LIBERT		\$13,000	ψ304,200	SMAKE	/e000000000	KI A DI MA	G-17676-1
Golden Valley Road	Channel restoration	E \$856,000			\$856,000			38881=1			
Sweeney Lake Branch				100							
Courtlawn Pond to	Chandrate										
Turners Crossing 17	Channel restoration	A \$386,000									
North Branch			V. (1970)		Charles of the last		No. of Lot of Lo	manufacture.	100 VEC. 100 S		
36th Ave to Bassett	Channel rinteration										
Creek Park 21		E \$835,000		\$600,000	\$235,000						
Grimes, North, &			50 E	PARTE.				31012		SALES!	
South Rice Ponds		audice parties				3.98245					121/19
GR-2	Grimes Pond wel detention pond (Option 4 in Rice and Grimes Ponds Plan)	E \$104,000									\$104,00
Grane Lake	Ramada Inn detention/ skimming facility (Option 1			9.0			1000	Massage 1			are the
CL-1	in Crane Lake Pian)	E \$116,000									
CL-2 ¹⁸ Turtle Lake	Joy Lane Wet Detention Pond (Alt. #2)	\$0		1-1-20					A 300 THE SEC.		
	Nane Proposed										
Lost Lake				Wellster.					0.000		
	None Proposed	Capital Cost	2010	2011	2012	2013	2014	2015	2016	2017	2018
	ANNUAL ESTIMATED COST	1	\$937,262	\$1,491,200	\$1,561,000	\$1,154,800	\$1,000,000		\$1,000,000	\$454,000	

- Capital Cost does not include land acquisition costs, but does include legal, administration, and 25% additional for contingence
 Constructed by City.
- Periodically completed by City.

- 3. Periodically Completed by clip.
 4. This project includes dredging of accumulated sediment and was completed in 2006.
 5. Mn/DOT sound wall construction in New Hope will require relocation and resizing of storm sewer in this watershed.
 6. Treatment completed by the City of Plymouth in 2005, 2006, and 2008.
 7. Completed in 2006.
 8. Project authorized in 2006. Issues regarding participation by Mn/DOT and future maintenance have delayed construction, no current schedule.
- 9. Project authorized in 2006. Issues regarding site contamination and right-of-way have delayed construction, no current schedule.
- 10. Project completed in 2006.

 11. 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.
- 12. 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 repaying project.

- 14. Project approved for construction in 2006, to be completed as part of street repairing 15. Minor Plan Amendment approved April 2007. Project to be completed in 2010.

 16. Minor Plan Amendment approved September 2007. Project completed in 2009.

 17. Minor Plan Amendment approved August 2007, Project completed in 2008.

 18. Not [cashibe per city of Minnetonka in 2008.

 19. Minor Plan Amendment approved June 2009. Project PC-1 to be completed in 2011.

 20. Minor Plan Amendment approved June 2009.
- 21. Project construction proposed to start in 2011 using CIP reserve funds.