

Appendix F
Capital Improvements Program

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

| | Water Quality Improvement | Capital Cost | | Year | | | | | | | | | | | | | |
|--|---|----------------------------|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|--|--|
| | | A (Actual Project Cost) | B (Estimated Project Cost) | 2009 | 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 | | \$893,000 | | | | | | | | | | | | | | |
| ML-5 ^{4,5} | Medicine Lake East Beach wet detention pond for subwatershed BC107 (Option 11 in Medicine Lake Plan) & dredging of accumulated sediment | | | | | | | | | | | | | | | | |
| ML-6 | Construct wet detention pond for subwatersheds BC98, BC98A and BC98B (Option 10a in Medicine Lake Plan) & dredging of accumulated sediment | | | | | | | | | | | | | | | | |
| ML-7 ⁶ | Construct wet detention pond for subwatershed BC94B2 (Option 6 in Medicine Lake Plan) | E | \$14,000 | | | | | | | | | | | | | | |
| ML-8 | In-Lake Herbicide Treatment (Option 18 in Medicine Lake Plan) | A | \$132,000 | | | | | | | | | | | | | | |
| ML-11 ⁷ | Lakeview Park Pond | | \$0 | | | | | | | | | | | | | | |
| PC-1 | Medicine Lake Park Pond | E | \$1,100,000 | | | | | | | | | | | | | | |
| PC-2 | 28th Avenue to Medicine Lake | E | \$850,000 | | | | | | | | | | | | | | |
| PC-2 | 26th Avenue to 37th Avenue | E | \$559,000 | | | | | | | | | | | | | | |
| PL-6 ¹⁵ | Improvements to stormwater basin in PL-A13 near Circle Park (from the City of Plymouth's Parkers Lake Implementation Plan) | E | \$73,000 | | | | | | | | | | | | | | |
| WTH-1 ⁷ | Dredging subwatershed FF-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 ⁸ | 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 | | | | | | | | | | | | | | |
| NL-2 | Dredge pond NB-07 (Option 2 in Northwood Lake Plan) | E | \$943,000 | | | | | | | | | | | | | | |
| NL-3 | Divert Lancaster Lane storm sewer (Option 3 in Northwood Lake Plan) | E | \$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 ¹⁸ | 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 | | | | | | | | | | | | | | |
| Highway 100 to Regent Ave | Channel restoration | E | \$760,000 | | | | | | | | | | | | | | |
| Duluth St to Hwy 100 | Channel restoration | E | \$715,000 | | | | | | | | | | | | | | |
| BC3, BC5, BC7 | Channel restoration | E | 1,300,000 | | | | | | | | | | | | | | |
| BC2, BC4, BC6, BC8 | Channel restoration | E | 1,208,000 | | | | | | | | | | | | | | |
| Conduit Entrance to Golden Valley Road | Channel restoration | E | \$1,000,000 | | | | | | | | | | | | | | |
| Sweeney Lake Branch | | | | | | | | | | | | | | | | | |
| Courtlawn Pond to Turners Crossing ¹⁹ | Channel restoration | A | \$366,000 | | | | | | | | | | | | | | |
| North Branch | | | | | | | | | | | | | | | | | |
| 36th Ave to Bassett Creek Park | Channel restoration | E | \$660,000 | | | | | | | | | | | | | | |
| Grimes, North, & South Rice Ponds | | | | | | | | | | | | | | | | | |
| GR-2 ¹⁴ | Grimes Pond wet detention pond (Option 4 in Rice and Grimes Ponds Plan) | E | \$104,000 | | | | | | | | | | | | | | |
| Grimes Lake | | | | | | | | | | | | | | | | | |
| CL-1 | Ranada Inn detention/ skimming facility (Option 1 in Crane Lake Plan) | E | \$116,000 | | | | | | | | | | | | | | |
| CL-2 ² | Joy Lane Wet Detention Pond (Alt. #2) | | \$0 | | | | | | | | | | | | | | |
| Turtle Lake | | | | | | | | | | | | | | | | | |
| Lost Lake | None Proposed | | | | | | | | | | | | | | | | |
| | None Proposed | | | | | | | | | | | | | | | | |
| | TOTAL ESTIMATED PROJECT COST | | Capital Cost | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | | | | |
| | | | \$12,478,000 | \$1,355,000 | \$1,050,000 | \$1,080,000 | \$1,000,000 | \$1,058,000 | \$1,100,000 | \$1,000,000 | \$919,000 | \$1,000,000 | \$719,000 | | | | |

Notes:

- Capital Cost does not include land acquisition costs, but does include legal, administration, and 25% additional for contingencies. All estimated costs are in 2008 dollars.
- Constructed by City.
- Periodically completed by City.
- This project includes dredging of accumulated sediment and was completed in 2006 at a total cost of \$893,000.
- Mn/DOT sound wall construction in New Hope will require relocation and resizing of storm sewer in this watershed, which could lead to City of New Hope participation in this project.
- Treatment completed by the City of Plymouth in 2005, 2006, and 2008. Total Commission cost \$132,000.
- Completed in 2006 at a cost of \$69,000.
- 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 at a total cost of \$174,000.
- 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-29A and B. NB-36A, NB-37A and NB-38A were completed in 2006 at a total cost of \$153,000.
- This project was completed as part of the Boone Ave and Brookview Golf Course improvement projects in 2004.
- This project should be feasible as part of the City of Robbinsdale's street reconstruction project taking place in the near future.
- Plan Amendment approved July 21, 2005.
- Minor Plan Amendment approved April 19, 2007, project to be completed in 2009.
- Minor Plan Amendment approved September 20, 2007, project to be completed in 2009.
- Project completed in 2008 at a total cost of \$366,000
- Not feasible per city of Minnetonka in 2008.