

Table 5-3 BCWMC 2015-2025 CIP

= from previous iteration of Table 12-2 (since the 2012 Plan); but not included in current 2016-2020 CIP  
= from 2016-2020 CIP (current)  
= from current or future TMDL implementation plans  
= new project from Commissioners/TAC/Draft Plan

BCWMC ID	Capital Project Description		Estimated Capital Cost <sup>1,2</sup>	Year											
				2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
Watershed-wide															
WS-1	Remove sediment deltas in lakes downstream of intercommunity watersheds, following evaluation of sediment sources and upstream source control (Policy 79)														
	Implementation of water quality improvement projects resutting from Metro Chloride TMDL (pending)									TBD	TBD	TBD	TBD	TBD	
	Implementation of water quality improvementprojects resutting from bacteria TMDL (pending)									TBD	TBD	TBD	TBD	TBD	
	Implementation of water quality improvement projects resutting from future TMDLs									TBD	TBD	TBD	TBD	TBD	
Medicine Lake															
ML-12	Medley Park Stormwater Treatment Facility, Golden Valley		\$500,000						\$ 500,000						
ML-14 <sup>3</sup>	From Medicine Lake TMDL	Medicine Lake shoreland restoration								TBD	TBD	TBD	TBD	TBD	
ML-15		Wet pond (0.5 acre) at downstream end of each major subwatershed								TBD	TBD	TBD	TBD	TBD	
ML-16		Water quality retrofits to existing ponds upstream of Medicine Lake								TBD	TBD	TBD	TBD	TBD	
ML-17		In-lake alum treatment (Option 18 in Medicine Lake Plan)	\$1,400,000								TBD	TBD	TBD	TBD	TBD
ML-19	Chemical treatment of inflow to Medicine Lake from watershed									TBD	TBD	TBD	TBD	TBD	
Plymouth Creek															
2017CR-P	Plymouth Creek Restoration, from Annapolis Lane to 2,500 feet upstream (esst) of Annapolis Lane		\$600,000			\$ 200,000	\$ 400,000								
Parkers Lake															
	None Proposed														
Wirth Lake															
WTH-2	From Wirth Lake TMDL: Highway 55 detention pond, if necessary (option 3 in Wirth Lake Plan)		\$215,000								TBD	TBD	TBD	TBD	
Sweeney Lake															
SL-3 <sup>4</sup>	From Sweeney Lake TMDL	Schaper Pond Diversion Project	\$612,000												
SL-4		Sweeney Lake shoreland restoration								TBD	TBD	TBD	TBD	TBD	
SL-5		Water quality retrofits to existing ponds upstream of Sweeney Lake								TBD	TBD	TBD	TBD	TBD	
SL-6		Dredging of Spring Pond and diversion of Sweeney Lake branch into Spring Pond.								TBD	TBD	TBD	TBD	TBD	
SL-7		Projects to reduce loading from untreated Hennepin County and MnDOT right-of-way									TBD	TBD	TBD	TBD	
SL-8		In-lake alum treatment of Sweeney Lake	\$275,000								TBD	TBD	TBD	TBD	TBD
SL-9		Chemical treatment of inflow to Sweeney Lake from Sweeney Lake Branch of Bassett Creek									TBD	TBD	TBD	TBD	TBD
SL-10		Impervious area runoff retention and retrofits, including bioretention, rainwater gardens, and soil restoration (various locations)													
SL-11 <sup>5</sup>		Stormwater treatment system for dissolved phosphorus removal in Golden Valley					\$ 400,000				TBD	TBD	TBD	TBD	TBD
Twin Lake															
TW-2 <sup>6</sup>	In-lake alum treatment of Twin Lake		\$160,000								TBD	TBD	TBD	TBD	
Westwood Lake															
	None Proposed														
Bassett Creek Park Pond															
BCP-2	Dredging of Bassett Creek Park Pond and upstream channel improvements <del>construction of forebay</del> for water quality treatment										TBD	TBD	TBD	TBD	
Northwood Lake															
NL-1 <sup>7</sup>	Northwood Lake Water Quality Project (includes construction of ponds NB-29A, B - remaining part of Option 4 in Northwood Lake Plan)		\$595,000		\$ 555,000	\$ 40,000									
NL-2 <sup>8,9</sup>	Four Seasons Mall Area Water Quality Improvements		\$990,000								TBD	TBD	TBD	TBD	
	Implementation of water quality improvement projects recommended in <b>future</b> Northwood Lake TMDL study										TBD	TBD	TBD	TBD	
Bassett Creek Main Stem															
2015CR-M <sup>10</sup>	Restore Main Stem channel, 10th Avenue to Duluth Street, Golden Valley		\$1,500,000	\$1,500,000											
2017CR-M	Main Stem Channel Restoration, Cedar Lake Road to Irving Ave		\$800,000			\$ 800,000									
BC-2 <sup>11</sup>	Sandburg Rd and Louisiana Ave. Water Quality Improvement and Flood Reduction Project, Main Stem Watershed (Golden Valley)		\$501,000					\$ 501,000							
BC-3	Water Quality Improvement Site, Main Stem Watershed (Golden Valley)		\$1,100,000				\$ 601,000	\$ 499,000							
BC-4	Honeywell Pond Expansion, Main Stem Watershed (Golden Valley)		\$285,000		\$ 285,000										
BC-5	Water Quality Improvements in Bryn Mawr Meadows, Main Stem Watershed (Minneapolis)		\$500,000				\$ 500,000								
BC-7	Dredging of accumulated sediment in Main Stem of Bassett Creek just north of Highway 55, Wirth Park										TBD	TBD	TBD	TBD	
Sweeney Lake Branch															
	None Proposed														
North Branch															
	None Proposed														
Grimes, North, & South Rice Ponds															
	None Proposed														
Crane Lake															
CL-3	Retention of impervious area drainage at Ridgedale area (e.g., bioswales, tree trenches, rain gardens)										TBD	TBD	TBD	TBD	
Turtle Lake															
	None Proposed														
Lost Lake															
	None Proposed														
Total Annual Estimated Cost			\$17,718,000	\$1,500,000	\$945,000	\$1,894,000	\$1,515,000	\$1,000,000	\$500,000						

**Notes:**

1. Project costs presented in 2014 dollars

2. Estimated costs are from TMDL studies or from BCWMC 2016-2020 working CIP; as projects are added to the CIP, preliminary cost estimates will be added to the 5-year working CIP and refined through the feasibility study process

3. ML-14: Project may include lakeshore restoration projects administered by the BCWMC. The City of Plymouth has already performed lakeshore restoration on some properties adjacent to Medicine Lake.

4. SL-3: Project already levied, to be constructed in 2015.

5. SL-11: Project not yet included in 5-year working CIP.

6. TW-2: Project already levied, to be constructed in 2015.

7. NL-1: Project includes construction of Jordan Outlot Pond and Pond NB 29A,B. The City of New Hope has already constructed ponds NB 35A, B, C but not to the degree as proposed in the lake and watershed management plan. Costs shown are for Jordan Outlot and NB 29A,B ponds only.

8. NL-2: The Four Seasons Mall Area Water Quality Project includes construction of two new water quality treatment ponds and restoration of an eroding stream channel. One of the ponds will be located on the Four Seasons Mall site; the other pond will be located southwest of the mall site, near the intersection of 40th Ave. N. and Pilgrim Lane. The original proposed project (from the 1996 *Northwood Lake Watershed and Lake Management Plan*) was to dredge and enlarge pond NB-07 to provide additional treatment of stormwater runoff. The 2012 feasibility study for the Four Seasons Mall Area Water Quality Project concluded that it was not feasible to convert pond NB-07 (a wetland) to a stormwater pond. The feasibility study also included two scenarios as alternatives to the proposed dredging. The Commission selected Scenario 1 as their preferred alternative.

9. NL-2: Project already levied; to be constructed in 2016

10. 2015CR-M. Certified levy to county in 2014 (\$1,000,000); remaining costs to be funded by BCWMC closed project account; to be constructed in 2015.

11. BC-2: Replaces BC-2 and BC-8 in future projects table of 2004 BCWMC Plan (Option 2 BC-HH1111-1 and Option 3 BC-HH11-1 in the Bassett Creek Main Stem Watershed Management Plan, respectively)