

**Table 5-4 Capital Improvements since Completion of the 2004 BCWMC Plan - Draft**

Location and Task	Project No Table 12-2 of 2004 Plan (as amended) <sup>1</sup>	Year of Implementation <sup>2</sup>	Status / Description
<i>Medicine Lake:</i>			
Construction of wet detention pond to treat runoff from subwatershed BC94B1	ML-1	Pre-2004	Pond constructed by the City of Plymouth prior to 2004 Plan without BCWMC funding.
Reduce goose loading by 75 percent	ML-2	Ongoing	Option 17 in the Medicine Lake Plan. Periodically performed by the City.
Reroute flows from subwatershed BC94 to wet detention pond for BC92	ML-3	2006	Option 9a from the Medicine Lake Plan and included the dredging of accumulated sediment.
Construction of Medicine Lake East Beach wet detention pond for subwatershed BC107	ML-4	2006	Option 11 from the Medicine Lake Plan and included the dredging of accumulated sediment.
Construction of wet detention pond for subwatersheds BC98, BC98A and BC98B	ML-5	2004	Option 10a from the Medicine Lake Plan and included the dredging of accumulated sediment.
In-lake Herbicide Treatment	ML-7	2004, 2005, 2006, 2008	Herbicide application to treat Curlyleaf Pondweed was performed in multiple years; a report was published in 2007.
Construction of Lakeview Park Pond	ML-8	In Progress	Project includes <1 acre pond located in periodically-flooded are of Lakeview park. Pond will provide water quality treatment for an area draining to Medicine Lake currently without treatment.
West Medicine Lake Park Ponds water quality project	ML-11	2010	Project to improve quality of stormwater runoff to Medicine Lake. The project was constructed by the City of Plymouth
<i>Plymouth Creek:</i>			
Channel restoration – Medicine Lake to 26 <sup>th</sup> Avenue (Plymouth)	PC-1	2010-2012	Project completed by the City of Plymouth. Partially funded by BWSR CWF grant.

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Channel restoration –26 <sup>th</sup> Avenue to 37 <sup>th</sup> Avenue (Plymouth)	PC-2	Not Implemented	
<b><i>Parkers Lake:</i></b>			
Improvements to stormwater basin in PL-A13 near Circle Park	PL-6	2010	Project completed by the City of Plymouth as part of street redevelopment.
<b><i>Wirth Lake:</i></b>			
Dredging of detention pond in subwatershed FR- 5	WTH-1	2007	Option 2 in the Wirth Lake Plan
Highway 55 detention pond	WTH-2	Not Implemented	Option 3 in the Wirth Lake Plan. Project delayed by issues regarding MnDOT participation and future maintenance.
In-lake alum treatment of Wirth Lake	WTH-3	Not Implemented	Option 1 in the Wirth Lake Plan. Project delayed by issues regarding MnDOT participation and future maintenance.
Wirth Lake outlet modification to prevent backflow	WTH-4	2012	Project includes the addition of two rubber check valves to prevent backflow from Bassett Creek into Wirth Lake under flooding conditions, reducing annual phosphorus loading to Wirth Lake. Project is part of the Wirth Lake TMDL Implementation Plan and is partially funded by a BWSR CWF grant.
<b><i>Sweeney Lake:</i></b>			
Sweeney Lake outlet replacement	FC-1	2012	Project includes stabilization of eroding embankments and replacement of outlet structure to prevent further erosion and maintain lake level for flood control purposes. Funded through BCWMC Flood Control Project Long-term Maintenance Fund (see Table 5-4).

**Table 5-4 Capital Improvements since Completion of the 2004 BCWMC Plan - Draft (continued)**

<b>Location and Task</b>	<b>Project No Table 12-2 of 2004 Plan (as amended) <sup>1</sup></b>	<b>Year of Implementation<sup>2</sup></b>	<b>Status / Description</b>
Schaper Pond diversion project	SL-3	Pending	Pending approval of 2014 amendment. Project includes rerouting of inflow from Highway 55 inlet to northwest side of the pond to improve phosphorus removal efficiency within the pond. Project is anticipated to meet required load reduction of the Sweeney Lake TMDL.
<b><i>Twin Lake:</i></b>			
Pond expansion	TW-1	Not Implemented	Option 1 in the Twin Lake Plan. Project delayed due to site contamination and right-of-way issues.
In-lake alum treatment of Twin Lake	TW-2	Pending	<i>Twin Lake Feasibility Study</i> (2013) recommended in-lake alum treatment as the most feasible option to reduce phosphorus and algae in Twin Lake to pre-2008 levels. Pending approval of 2014 amendment.
<b><i>Westwood Lake:</i></b>			
Construction of detention/ skimming facility at Flag Avenue	WST-1	2009	Option 1 in Westwood Lake Plan.
<b><i>Bassett Creek Park Pond: None Proposed</i></b>			
<b><i>Northwood Lake:</i></b>			
Construction of ponds NB-35A, NB-35B, NB-35C and ponds NB-29A, NB-29B	NL-1	Not Yet Implemented	Option 4 in the Northwood Lake Plan. The City of New Hope constructed ponds NB-35A, NB-35B, and NB-35C, but not to degree of Northwood Lake Plan. Construction of ponds NB-29A, NB-29B, and a pond west of Northwood Lake (Jordan Outlet Pond) is planned for 2017-2018.

**Table 5-4 Capital Improvements since Completion of the 2004 BCWMC Plan - Draft (continued)**

Location and Task	Project No Table 12-2 of 2004 Plan (as amended) <sup>1</sup>	Year of Implementation <sup>2</sup>	Status / Description
Four Seasons Mall area water quality project	NL-2	In Progress	Scenario 1 of a 2012 feasibility study. Project includes: <ul style="list-style-type: none"> <li>• Construction of water quality treatment pond one site</li> <li>• Construction of water quality treatment pond southwest of the mall near the intersection of 40<sup>th</sup> Avenue N and Pilgrim Lane</li> <li>• Restoration of an existing eroding stream channel.</li> </ul>
Diversion of Lancaster Lane storm sewer	NL-3	Not Yet Implemented	Option 3 in the Northwood Lake Plan. Project will divert drainage from a degraded wetland into another wetland for treatment prior to discharge into Northwood Lake. Planned for 2019
Construction of ponds NB-36A, NB-37A, and NB-38A.	NL-4	2007	Option 5 in the Northwood Lake Plan. Ponds were constructed by the City of New Hope.
Northwood Lake East Pond water quality project	NL-7	2009	The City of New Hope constructed a pond to improve quality of stormwater runoff to Northwood Pond.
<b><i>Bassett Creek Main Stem:</i></b>			
Construction of Pond BC 10-3	BC-1	2004	This project was completed as part of the Boone Ave and Brookview Golf Course improvement projects in 2004. Project completed without BCWMC funding.
Channel restoration – Crystal Border to Regent Avenue (Crystal/Golden Valley)	2010CR	2011	Project partially funded by a BWSR CWF grant.
Channel restoration – Wisconsin Ave. to Rhode Island Ave. and Duluth St. to Crystal/Golden Valley border	2011CR	In Progress	
Briarwood / Dawnview water quality improvement project (Golden Valley)	BC-7	Pending	Pending approval of 2014 amendment.

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Channel restoration – Golden Valley Rd. to Irving Ave. N. (Golden Valley/Minneapolis)	2012CR	In Progress	Project partially funded by a BWSR CWF grant.
<b><i>Sweeney Lake Branch of Bassett Creek:</i></b>			
Channel Restoration – from Cortlawn Pond to Turner's Crossroad		2008	Constructed by the City of Golden Valley.
<b><i>North Branch of Bassett Creek:</i></b>			
Channel restoration – 32 <sup>nd</sup> Ave. N. to Douglas Dr. N. (Crystal)	2011CR-NB	In Progress	
<b><i>Grimes, North Rice and South Rice Ponds</i></b>			
Construction of Grimes Pond wet detention pond	GR-2	Not Implemented	Option 4 in the Rice and Grimes Ponds Plan
<b><i>Crane Lake:</i></b>			
Construction of detention/skimming facility at Ramada Inn	CL-1	Not Implemented	Option 1 in the Crane Lake Plan
Construction of wet detention pond at Joy Lane	CL-2	Not Implemented	Project deemed not feasible by the City of Minnetonka in 2008.
<b><i>Turtle Lake: None Proposed</i></b>			
<b><i>Lost Lake: None Proposed</i></b>			
<b><i>Flood Control Project:</i></b>			
Perform flood-proofing of homes along Bassett Creek Trunk System		2008	Funded by remaining portion of the Flood Control Project construction funds.

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<sup>1</sup> Project Number is based on Table 12-2 of the 2004 Plan (as amended). Table 12-2 from the 2004 Plan is proposed to become Table 5-1 in the next generation Plan, and the project number will serve as an identifier in proposed next generation Plan Figure 5-1 Completed CIP Projects.

<sup>2</sup> Based on year of substantial progress (project completion may occur at a later date).