

**Bassett Creek Water Management Commission  
Revised Water Quality Activities  
Proposed 5-Year (2001–2005) Plan  
June 2001**

**1. 2001 Water Quality Recommendations**

- *Detailed Lake Monitoring of Crane Lake*

The May sampling of Lost, Westwood, and Crane lakes has been completed. Additional sampling of Lost Lake and Westwood Lake will be deleted from the 2001 monitoring program. Monitoring will be performed for Crane Lake on six occasions for selected parameters. Selected parameters include total phosphorus, soluble reactive phosphorus, total nitrogen, pH, chlorophyll *a*, phytoplankton, and zooplankton. An aquatic survey will be performed on two occasions.

Estimated Cost: \$22,000

**2001 TOTAL: \$22,000**

**2. 2002 Water Quality Budget Recommendations**

- *General Water Quality Activities*

This task includes review of water quality information and previous studies as requested by Commission, watershed cities, or other regulatory agencies.

Estimated Cost: \$5,000

**2002 TOTAL: \$5,000**

**3. 2003 Water Quality Budget Recommendations**

- *Detailed Monitoring of Wirth Lake*

The Commission will participate with the Minneapolis Park Board in the monitoring of Wirth Lake. Monitoring will be performed on six occasions for selected parameters. The parameters are total phosphorus, soluble reactive phosphorus, total nitrogen, pH, chlorophyll *a*, phytoplankton, and zooplankton.

Estimated Cost: \$12,000

**2003 TOTAL: \$12,000**

#### 4. 2004 Water Quality Budget Recommendations

- *Detailed Lake Monitoring of Medicine Lake*

Commission will participate with Hennepin Parks monitoring program. Actual monitoring will be performed by Hennepin Parks. Monitoring will be performed at two stations on six occasions for selected parameters. Selected parameters include total phosphorus, soluble reactive phosphorus, total nitrogen, pH, chlorophyll *a*, phytoplankton, and zooplankton. An aquatic survey will be performed on two occasions.

Estimated Cost: \$18,000

**2004 TOTAL: \$18,000**

#### 5. 2005 Water Quality Budget Recommendations

- *Detailed Lake Monitoring of Parkers Lake, Twin Lake and Sweeney Lake*

Monitoring will be performed at each lake on six occasions for selected parameters. Selected parameters include total phosphorus, soluble reactive phosphorus, total nitrogen, pH, chlorophyll *a*, phytoplankton, and zooplankton. An aquatic survey will be performed on two occasions.

Estimated Cost: \$40,000

**2005 TOTAL: \$40,000**

**Summary of Water Quality Activities  
Recommended 10-Year (2001–2010) Plan  
Bassett Creek Water Management Commission  
June 2001**

Year	Water Quality Activity	Estimated Cost
2001	Monitoring of Crane Lake	\$22,000
	<b>Total 2001</b>	<b>\$22,000</b>
2002	General Water Quality Issues	\$5,000
	<b>Total 2002</b>	<b>\$5,000</b>
2003	Detailed Monitoring of Wirth Lake	\$12,000
	<b>Total 2003</b>	<b>\$12,000</b>
2004	Monitoring Medicine Lake (1)	\$18,000
	<b>Total 2004</b>	<b>\$18,000</b>
2005	Monitoring Parkers, Twin, Sweeney Lakes	\$40,000
	<b>Total 2005</b>	<b>\$40,000</b>
2006	General Water Quality Issues	
	<b>Total 2006</b>	-
2007	Monitoring of Crane, Lost and Westwood Lakes	-
	<b>Total 2007</b>	-
2008	Monitoring Northwood, Sunset Hill Pond, North and South Rice Pond	-
	<b>Total 2008</b>	-
2009	Monitoring Medicine Lake (1)	-
	<b>Total 2009</b>	-
2010	Monitoring Parkers, Twin, Sweeney Lakes	-
	Bassett Creek Biotic Index Evaluation	-
	<b>Total 2010</b>	-

- (1) Medicine Lake monitoring performed by Hennepin Parks (Assistance from BCWMD).
- (2) Wirth Lake monitoring performed by Minneapolis Park and Recreation Board (assistance from BCWMC).
- (3) Parkers, Twin, Sweeney Lake monitored on 5-year cycle.
- (4) Northwood, Lost, Westwood, Crane, and Sunset Hill Pond monitored on a 10-year cycle.
- (5) Note: Reduced monitoring may make it more difficult to evaluate improvements after BMPs have been installed.
- (6) Commission may consider additional CAMP programs to collect lake data between Commission lake monitoring.
- (7) Biotic Index monitoring will be performed on a 10-year cycle.