

**2002 Water Quantity Program
Bassett Creek Water Management Commission
June 2001**

For the 2002 fiscal year, Barr Engineering Co. proposes to continue the current lake and stream gauging program. The readings have proved valuable to the communities for planning future development and as documentation of the response of surface water bodies to above normal and below normal precipitation. The lake gauging program will encompass Medicine Lake, Sweeney Lake, Parkers Lake, Westwood Lake, Crane Lake (Ridgedale Pond), and Northwood Lake. Two readings per month will be taken during the period April 1, 2002 through September 30, 2002. One reading per month will be taken during the period October 1, 2002 through March 31, 2003.

The 2002 stream gauging program will consist of periodically reading stages or gauging the stream at the new tunnel entrance, at the Theodore Wirth Park/T.H. 55 outlet structure, at Highway 100 (main stem), at Wisconsin Avenue, at Sweeney Lake, at Medicine Lake, at Winnetka Avenue (north branch), at 26th Avenue (Plymouth Creek fish barrier), and at other selected locations if periods of high flow occur.

**2002 Watershed Inspection Program
Bassett Creek Water Management Commission
June 2001**

1. Erosion Control Inspection

For the 2002 fiscal year, Barr Engineering Co. proposes to continue the current watershed construction site inspection program. The inspections have been valuable for correcting erosion and sediment control practices which are not in conformance with Commission policies. The inspections also verify that sites are developed in accordance with approved plans. The proposed plan consists of inspecting active construction sites in the watershed once every month. Erosion control inspections will begin April 2002 and extend through October 2002. Selected sites may be inspected on two-week intervals to verify that requested erosion control modifications have been completed. Critical work such as wetland or creek crossings and work adjacent to lakes and sensitive wetlands will be inspected as necessary. We recommend Commission staff coordinate the inspection with respective contacts from each city. Following each inspection, a letter listing construction projects and the improvement needed for effective erosion control will be sent to the inspection department at each city where improvements are required.

2. Flood Control Project Inspection

For the 2002 fiscal year, Barr Engineering Co. proposes to implement the flood control project inspection. The inspection program will cover flood control project features designed and constructed by the Corps of Engineers and features designed and constructed by the Commission and cities. The objective of the inspection is to address erosion, settlement, sedimentation, and structural issues. In accordance to the Bassett Creek Flood Control Project Operation and Maintenance Manual, except as noted, the following project features require annual inspection:

Minneapolis

- ?New Tunnel and Conduit (Double Box Culvert) - inspect every five years, dewater and inspect every 20 years.
- ?Old Tunnel
- ?Open Channel

Golden Valley

- ?Highway 55 Control Structure & Ponding Area
- ?Golden Valley Country Club Embankment (Box Culvert, Overflow Weir, and downstream channel)
- ?Noble Avenue Crossing
- ?Regent Avenue Crossing
- ?Westbrook Road Crossing
- ?Wisconsin Avenue Crossing
- ?Minnaqua Drive Bridge Removal

Crystal

- ?Box Culvert and Channel Improvements (Markwood Area)
- ?Edgewood Embankment with Ponding
- ?Highway 100/Bassett Creek Park Pond
- ?32nd Avenue Crossing
- ?Brunswick Avenue Crossing
- ?34th Avenue Crossing
- ?Douglas Drive Crossing
- ?Georgia Avenue Crossing
- ?36th-Hampshire Avenue Crossing
- ?Channel Improvements

Plymouth

- ?Medicine Lake Outlet Structure
- ?Plymouth Fish Barrier (not required by Corps)

**2002 Administrative Budget
Bassett Creek Water Management Commission
June 2001**

Item	2000 Budget	Balance Year-End 1/31/01	2001 Budget	Balance Year-End 1/31/02 (Estimate)	Proposed 2002 Budget
ENGINEERING					
Administration	90,000	(18,063)	100,000	0	105,000
Commission Meetings	7,500	242	7,500	0	7,500
Surveys and Studies	25,000	(5,511)	25,000	0	25,000
Water Quality					
Monitoring	60,000	12,562	37,000	0	0
Subwatershed Plans	0	0	0	0	0
Water Quantity	7,000	1,469	7,000	0	7,000
Inspections					
Watershed Inspections	10,000	(1,820)	10,000	0	10,000
Flood Control Project Inspections	0				8,000
Municipal Plan Review	7,000	6,392	7,000	7,000	8,000
Subtotal Engineering	\$206,500.00	(\$4,729.00)	\$193,500.00	\$7,000.00	\$170,500.00
PLANNING					
2nd Generation Plan					
Engineering / Consulting	150,000	49,600	50,000	(60,000) (1)	50,000
Legal	5,000	-	5,000	0	5,000
Administration	5,000	-	10,000	0	10,000
Plan Implementation			10,000		
Engineering / Design	20,000	15,656	0		10,000
Legal	5,000	-	0		0
Administration	1,000	-	0		0
Subtotal Planning	\$186,000.00	\$65,256.00	\$75,000.00	(\$60,000.00)	\$75,000.00
Legal	25,000	(7,921)	25,000	0	25,000
Audit, Insurance & Bond	6,000	(1,769)	6,000	0	6,500
Secretarial	16,000	(6,242)	17,000	0	18,000
Public Relations	10,000	9,509	10,000		20,000
Communications / Annual Report					
WOMP					
CAMP					
River Watch Program					
Demonstration Projects					10,000
Contingencies	15,000	15,000	15,000		15,000
Subtotal	\$72,000.00	\$8,577.00	\$73,000.00	\$ 0.00	\$94,500.00
Grand Total	\$464,500.00	\$69,104.00	\$341,500.00	(\$53,000.00)	\$340,000.00

(1) Amount was budgeted and unexpended in 2000.

For Information (Administrative Account)

Audited fiscal year 2000 fund balance (includes 1/31/01 balance of \$69,104).....	\$159,573
Expected income from assessments in 2001	\$275,000
Expected interest income in 2001	\$15,000
Transfer from construction account in 2001	\$66,500
BWSR grant.....	<u>\$15,600</u>
Estimated available funds for fiscal year 2001.....	\$531,673
Estimated expenditures for fiscal year 2001 (\$341,500 + \$53,000).....	<u>\$394,500</u>
Estimated fund balance as on January 31, 2002.....	\$137,173
Budget Committee's Recommended Assessment.....	\$295,000