

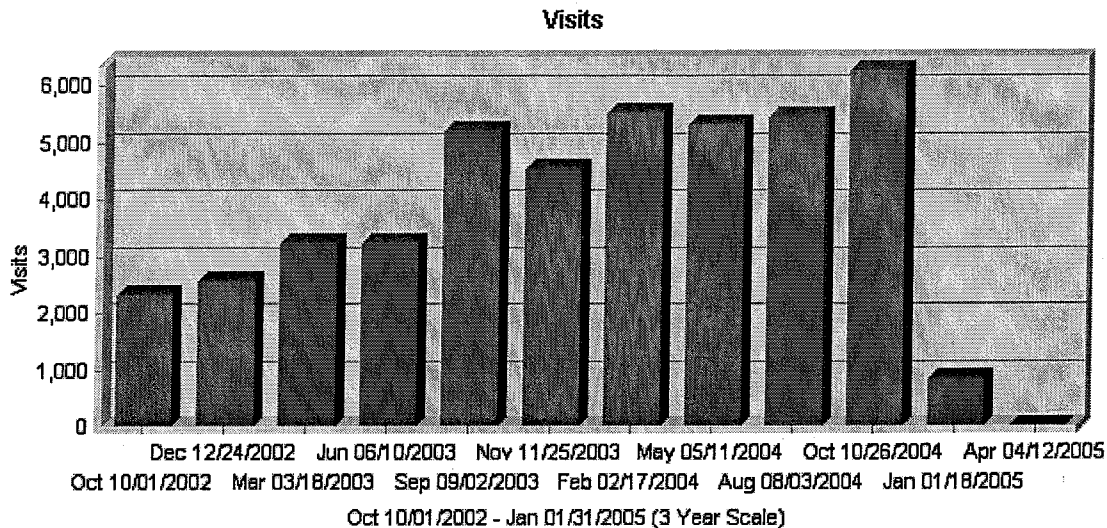
***Appendix G***

***Website Usage Report***

# Web Statistics Summary for BassettCreekwmo.org

## Visitors to the Website

Barr has been tracking visitor and usage statistics on the Bassett Creek WMO website since October 2000. Since that time, the website has received 44,450 visits total. The graph below displays the trends of visits.



During this time, those visits were made by 10,811 unique visitors, 2,682 of whom visited more than once. The average amount of time a visitor spends in the site is 18 minutes.

## Most Viewed Pages

The following pages are the pages which are visited the most when a visitor goes to the Bassett Creek website:

1. Home page
2. Introduction (intro.htm)
3. Map (map.htm)
4. Commissioners, Alternates and Staff (board.htm)
5. Requirements for Improvements and Development Proposals
6. Second Generation Plan

## Most Downloaded Files

The following files listed are the top files downloaded from the website:

1. Medicine Lake Secchi Disc.pdf
2. Annual Report
3. Second Generation Plan
4. Application Form
5. 2000 Biotic Index Figure
6. Medicine Lake Minor Amendment



## Bassett Creek Water Management Commission

- [How to Use this Site](#)
- [About Bassett Creek](#) **NEW!**
- [Public Outreach Opportunities](#) **NEW!**
- [BCWMC Bulletin](#) **NEW!**
- [River Watch Presentation](#) **NEW!**
- [Commissioners, Alternates and Staff](#)
- [2005 Budget](#)
- [Meeting Calendar](#)
- [Current Meeting Agenda and Minutes](#)
- [Meeting Minutes Archive](#)
- [Second Generation Plan](#)
- [Approved Minor Plan Amendment - 1990 Water Management Plan](#)
- [Miscellaneous Educational Information](#)
- [Water Quality Management Policy](#)
- [Requirements for Improvements and Development Proposals](#)
- [Application Form](#)
- [Map of Watershed](#)
- [2000 Bassett Creek Biotic Index Summary](#)
- [Medicine Lake Water Quality Summary](#)
- [2003 Annual Report](#)
- [2002 Annual Report](#)
- [2001 Annual Report](#)
- [2000 Annual Report](#)
- [1999 Annual Report](#)
- [1998 Annual Report](#)
- [Links](#)
- [SEARCH](#)





## **Bassett Creek Water Management Commission**

- [Home](#) • 
 [Bassett Creek Information](#) • 
 [About Bassett Creek](#) • 
 [Public Outreach Opportunities](#) • 
 [Commissioners, Alternates and Staff](#) • 
 [Meeting Calendar](#) • 
 [Current Meeting Agenda and Minutes](#)
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 [Application Form](#) • 
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 [Medicine Lake Water Quality Summary](#) • 
 [1998 Annual Report](#) • 
 [1999 Annual Report](#) • 
 [2000 Annual Report](#) • 
 [2001 Annual Report](#) • 
 [2002 Annual Report](#) • 
 [Links](#) • 
 [SEARCH](#)

Welcome to the Bassett Creek Watershed Management Commission's website. Here you can find out what's going on in the watershed, get general information and find out how you can help improve the quality of our lakes, streams, and water bodies.

Several significant events have occurred in the Bassett Creek Watershed during 2004.

The Bassett Creek Watershed Management Commission (BCWMC) adopted its current plan *Watershed Management Plan* at its September 16, 2004 meeting. This "second generation" plan was prepared in compliance with the provisions of the Minnesota Rules Chapter 8410, the Metropolitan Surface Water Management Act, the Water Resources Management Policy Plan, and other approved regional plans. The plan was approved by the Minnesota Board of Water and Soil Resources on August 25, 2004. The BCWMC Plan sets the vision and guidelines for managing surface water within the boundaries of the BCWMC.

Secondly, the construction of a cooperative water quality improvement project in the Medicine Lake watershed was initiated by the city of Plymouth and the BCWMC. The project involves the construction of two water quality treatment ponds that are intended to significantly decrease sediment loadings in stormwater runoff from two highly urbanized subwatersheds which now drain directly to Medicine Lake. Together, the ponds would decrease total suspended solids (TSS) loading to Medicine Lake by over 80,000 pounds/year. In addition, landscaping around the ponds will emphasize native species that will require minimal maintenance and are intended to enhance habitat for wildlife.

The third significant event was the BCWMC approval of water quality improvements for Northwood Lake in New Hope and Wirth Lake in Minneapolis. The Northwood Lake project construction will be initiated by the city of New Hope in the fall of 2004 and will reduce phosphorus by approximately 60% and total suspended solids by about 70% from the stormwater runoff from the pond's watershed. It will also remove floating debris. The project is one of several proposed for Northwood Lake in the BCWMC's 10-year Capital Improvements Program (CIP).

The Wirth Lake water quality project is expected to be completed by the city of Minneapolis in 2005. The project includes enlarging an existing stormwater detention pond, the construction of a new stormwater detention pond, and alum treatment of

the lake's bottom sediment. The project is expected to reduce external and internal phosphorus loads by more than 50% when the project is completed and it is expected that the BCWMC's Level I water quality goals for Wirth Lake will be met on a frequent basis.

Finally, the BCWMC is considering a plan amendment that when adopted would include a water quality improvement project for Twin Lake in Golden Valley. Twin Lake has excellent water quality, possibly the highest in the metropolitan area and the water quality meets the BCWMC's Level I goals for water bodies. As part of the BCWMC's planning process, it was agreed the BCWMC will continue to identify opportunities to improve the quality of runoff tributary to Twin Lake. If the plan amendment is approved, the Twin Lake project is proposed to be built in 2006.

### **The 2004 Watershed Management Plan**

The recently adopted Watershed Management Plan for the BCWMC sets the vision and guidelines for managing surface water in the BCWMC.

The main goals of the BCWMC for 2005-2014 as outlined in the plan are:

- Manage the water resources of the watershed, with input from the public, so that the beneficial uses of wetlands, lakes and streams remain available to the community.
- Improve the quality of stormwater runoff reaching the Mississippi River by reducing the nonpoint source pollution (including sediment) carried as stormwater runoff.
- Protect and enhance fish and wildlife habitat and maintain shoreland integrity.
- Reduce flooding along the Bassett Creek trunk system.
- Protect human life, property, and surface water systems that could be damaged by flood events.
- Regulate stormwater runoff discharges and volumes to minimize flood problems, flood damages, and the future costs of stormwater management systems.
- Provide leadership and assist member cities with coordination of intercommunity stormwater runoff planning and design.
- Prevent erosion and sedimentation to the greatest extent possible to protect the BCWMC's water resources from increased sediment loading and associated water quality problems.
- Implement soil protection and sedimentation controls whenever necessary to maintain health, safety, and welfare.
- Implement stream restoration measures whenever necessary to maintain health, safety, and welfare.
- Maintain or enhance the natural beauty and wildlife habitat value of Bassett Creek.
- Achieve no net loss of wetlands in the BCWMC, in conformance with the Minnesota Wetland Conservation Act and associated rules.
- Protect the quantity and quality of groundwater resources.
- Manage public ditches in a manner that recognizes their current use as urban drainage systems.
- Raise awareness of the watershed's existence and the role that the BCWMC plays in protecting water quality and preserving the watershed's health and aesthetics.
- Enable the target audiences to have confidence in the BCWMC's expertise and participate in a meaningful way in the planning process and ongoing

- projects conducted by the BCWMC.
- Raise awareness of the impact that individuals, businesses, and organizations have upon water quality and motivate these audiences to change personal/corporate behavior that has a negative impact on water quality and the watershed.

### **Member Municipalities**

The nine municipalities represented by the BCWMC include:

Crystal  
Golden Valley  
Medicine Lake  
Minneapolis  
Minnetonka  
New Hope  
Plymouth  
Robbinsdale  
St. Louis Park

### **Watershed**

The Bassett Creek Watershed exceeds 40 square miles and is divided into four major subwatersheds:

**Main Stem:** the Main Stem of Bassett Creek originates in Medicine Lake and generally flows east through parts of Plymouth, Golden Valley and Minneapolis to the Mississippi River.

**Medicine Lake Branch:** the Medicine Lake Branch drains portions of Plymouth that discharge to Plymouth Creek. Plymouth Creek originates in western Plymouth and generally flows southeast through Plymouth to Medicine Lake.

**North Branch:** the North Branch of Bassett Creek drains portions of northern Plymouth and southern New Hope and Crystal and joins the Main Stem immediately upstream of Highway 100.

**Sweeney Lake Branch:** the Sweeney Lake Branch drains portions of northern St. Louis Park and southern Golden Valley and joins the Main Stem in Theodore Wirth Park near Golden Valley Road

### **Meetings**

Regular meetings for the BCWMC are held at 12:00 Noon at the Golden Valley City Offices, 7800 Golden Valley Road, Golden Valley, MN, on the third Thursday of each month. A special notice is sent out if a meeting is cancelled or rescheduled. All meeting notices and cancellation notices are posted at the City of Golden Valley. The fiscal year extends from February 1 through January 31.

### **BCWMC History**

In 1969, the Bassett Creek Flood Control Commission was formed by adoption of a Joint Powers Agreement between the nine communities in the Bassett Creek Watershed. As required by the Joint Powers Agreement, the Bassett Creek Flood Control Commission adopted the Watershed Management Plan for Bassett Creek in February 1972.

In accordance with provisions of the 1982 Metropolitan Surface Water Management Act, the Bassett Creek Flood Control Commission revised its Joint Powers Agreement and created the Bassett Creek Watershed Management Commission. The *Bassett Creek Watershed Management Plan* was prepared by the BCWMC in 1986 and adopted on December 18, 1986. The plan was approved by the Minnesota Board of Water and Soil Resources on July 26, 1989.

The original mission of the BCWMC was to control flooding and to maintain and enhance the quality of the surface and ground water resources in the watershed. Since then, most of the flooding problems have been resolved by the BCWMC and member cities and the primary emphasis of the BCWMC is currently improving surface water quality. Partner with member communities in the management of surface and groundwater for the benefit of citizens within the watershed and region.

### **Flood Control**

Some of the more significant water quality and flood control improvements completed by the BCWMC include:

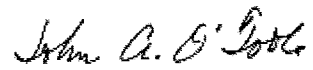
- Completion of a new \$28,000,000 tunnel to carry Bassett Creek through Minneapolis to the Mississippi River. About \$10,000,000 was saved by constructing only one enlarged tunnel, designed for several uses. The BCWMC also succeeded in obtaining funding for 75% of the total project from the federal government and other state agencies.
- Construction of ten channel crossing improvements, five control structures and storage basins and removal of a bridge along Bassett Creek.
- Replacement of the Medicine Lake dam and construction of the Plymouth Creek fish barrier in Plymouth to improve the quality of Medicine Lake.
- Completion of the Highway 55 control structure in Minneapolis in June 1987, that prevented millions of dollars in flood damages from the 1987 "Super Storm," which occurred one month later.
- Floodproofing of several homes. The techniques that were used have been recognized as state-of-the-art and have become a model for floodproofing residential structures throughout the country.
- Construction of the Wisconsin Avenue and Golden Valley Country Club flood control structures in Golden Valley.
- Construction of the Bassett Creek Park flood control and water quality project in Crystal.

### **Partnerships**

In 1997, the BCWMC was awarded the Governor's Commendation at the Governor's Partnership in Minnesota Conference. The award was in recognition of the Bassett Creek Water Management Partnership efforts with the U.S. Army Corps of Engineers-St. Paul District, the Minnesota Department of Transportation, the Minnesota Department of Natural Resources, the City of Crystal, and the BCWMC. This partnership project involved the construction of a multi-purpose water management system that saved several hundred thousand dollars, while the project improves water quality, controls floodwaters, and provides more open space. This project is an example of the type of partnerships that the BCWMC will continue in the implementation of its CIP.

Please [contact us](#) with any questions or comments.

Thanks for visiting,

A handwritten signature in black ink that reads "John A. O'Toole". The signature is written in a cursive style with a large initial 'J' and 'O'.

John A. O'Toole  
Chair, Bassett Creek Watershed Management Commission