

**COMPREHENSIVE SURFACE WATER
MANAGEMENT PLAN
FOR THE CITY OF BLOOMINGTON, MINNESOTA**

WSB Project No. 1330-04

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PREPARED BY

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SECTION I

I. EXECUTIVE SUMMARY

This Surface Water Management Plan for the City of Bloomington has been developed to meet local watershed management planning requirements of the Metropolitan Surface Water Management Act (Chapter 103B) and Board of Water and Soil Resources Rules 8410. It has also been developed to be in conformance with the requirements of local Watershed Management Organizations and Districts, Metropolitan Council requirements, Hennepin County goals and applicable State and Federal laws. This document and its referenced literature are intended to provide a comprehensive inventory of pertinent water resource related information that affects the City and management of those resources.

Section II of this plan provides an introduction and purpose. This section also lists the personnel contacts involved in the assistance and implementation of this plan.

Section III of this plan provides an inventory of land and water resources within the City. This section of the plan includes a general description and summary of data related to precipitation, geology, topography, flood problem areas, existing flood insurance studies, water quality, shoreline ordinances, surface and ground water appropriations, ground water, soils, land use, public utilities services, public areas for water-based recreation and access, fish and wildlife habitat, unique features, scenic areas and pollutant source locations within the City.

The City has completed a Wetland Protection and Management Plan in conformance with Minnesota Rules Chapter 8420. This plan was completed for the approximately 300 wetlands in Bloomington above the Minnesota River bluff in 1997. An evaluation of the wetlands below the Minnesota River bluff was completed in 1999. The Wetland Protection and Management plan provides guidance for future management decisions concerning wetlands that will result in the preservation of the wetlands and their functions and values. This plan is available in the Water Resource Library at Public Works.

Section IV of this plan outlines water resource management related goals and policies of the City which address the needs of the City and County, as well as regional, state and federal agencies. Goals and policies have been developed for the City concerning water quantity, water quality, recreation, fish and wildlife management, enhancement of public participation, information and education, public ditch system, ground water, wetlands, and erosion and sediment control.

Section V of this Surface Water Management Plan provides an assessment of the existing and potential water resource related concerns within the City. These concerns were identified based on an analysis of the land and resource data collected as part of this plan preparation and through public input. Corrective actions have been identified in response to concerns and typically include studies, capital improvements, or programs which may address these identified concerns.

SECTION I

Section VI outlines implementation priorities and develops an implementation program. This section contains a prioritized listing of the studies, programs and capital improvements that have been identified as necessary to respond to the water resource needs within the City, and is presented in a tabular format. The implementation period identified within this report for the programs, studies and capital improvements is from the year 2006 through 2015.

Section VII discusses the financial considerations of implementing the proposed regulatory controls, programs and improvements which have been identified in this plan and their financial impact on the City. Funding sources available for implementing the policies and corrective actions identified within this plan are identified. The plan indicates that the majority of funding for the policies and corrective actions will be from the City's Storm Water Utility Fund. Other possible funding sources for the implementation of this plan include special assessments, grant monies which may be secured from various local, regional, County, State or Federal agencies, or other partnerships.

Section VIII discusses the procedures to be followed in the event this Surface Water Management Plan is amended. Once this Surface Water Management Plan is approved, no significant changes to this plan can be facilitated without the approval of the proposed revisions by the Watershed Management Organizations and Districts within the City which are affected by the change. Significant changes to the local plan shall be made known to the Mayor, City Council, City Staff, the Metropolitan Council, and the affected Watershed Management Organizations and Districts within the City.

Section IX contains a list of the references and supplemental documentation used in the preparation of this plan. Some of the information on the list is available in the plan's appendix and some of the information is available in the Water Resource Library at the Public Works Department.

Section X provides a glossary of commonly used terms from the plan.

This Surface Water Management Plan will be in effect through the year 2015, at which time this plan will be updated. However, if significant changes to the plan are deemed necessary prior to that date, the City may revise this plan in its entirety in accordance with Section VIII.

This plan contains a number of appendices that provide background resource information for the City. Additional material is referenced within this report and is available at the Water Resource Library located at Bloomington Public Works, 1700 West 98th Street in Bloomington.