

2.0 Introduction and Purpose

2.1 Introduction

The City of Bloomington is a suburb of the Twin Cities metropolitan area, located south of the cities of Edina and Richfield and north of the Minnesota River. The City contains diverse areas of residential neighborhoods, commercial and industrial developments, as well as park and recreation facilities. The City of Bloomington contains several prominent and valuable water resources, such as Nine Mile Creek, Bush Lake, Normandale Lake, and the Minnesota River. The City recognizes the value of the water resources within and downstream of its borders. The goals, policies, and implementation activities included in this plan demonstrate the City's strong support for natural resource protection and investment in water quality.

Bloomington is a fully developed city. Single family residential is the predominant land use. Significant commercial, industrial, and institutional development also exist within the City, as well as large areas of parkland, including Hyland Lake Park Preserve, Moir Park, and the Minnesota Valley National Wildlife Refuge.

Most of Bloomington is located within the watershed of Nine Mile Creek, which is managed by the Nine Mile Creek Watershed District (NMCWD). Another significant portion (along the southern edge of the City) is located within the Lower Minnesota River Watershed District (LMRWD). To a smaller extent, other areas of the City are located within the Riley-Purgatory Bluff Creek Watershed District (RPBCWD, along the central portion of the western border) and the Richfield-Bloomington Watershed Management Organization (RBWMO, near the northeastern edge of the City, bordering Richfield).

2.2 LSWMP Purpose and Scope

The City developed this Local Surface Water Management Plan (LSWMP) to provide the City of Bloomington with direction concerning the administration and implementation of water resource management within the City. This plan is intended to meet the requirements for a local water management plan as required by the Metropolitan Surface Water Management Act (Chapter 103B) and conform with Minnesota Board of Water and Soil Resources Rules Chapter 8410.

In addition to conforming with the above-state law, this plan was also developed to meet the needs, requirements, and direction of the following:

1. The NMCWD Plan and Rules

2. The RPBCWD Plan and Rules
3. The LMRWD Plan and Rules
4. The RBWMO Plan
5. The state laws and rules concerning wetland management as outlined in the Wetland Conservation Act of 1991 and amendments
6. State and federal laws regarding the need to secure a National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit.
7. Applicable erosion and sediment control and soil loss guidelines that are available through the Minnesota Pollution Control Agency (MPCA).

This plan incorporates the approaches and direction provided in the programs and documents listed above into a comprehensive plan that can be consistently applied across the City.

2.3 Cooperative Partners

To implement this plan, a coordinated water resource management approach must be used. This approach utilizes the services of staff within the City and surrounding communities, as well as staff associated with the various watershed districts and watershed management organizations having jurisdiction over areas within the City. The watershed districts and watershed management organizations having jurisdiction within the City are shown on Figure 3-1.

The primary implementation responsibility will lie with the appropriate staff members at the City. Assistance from the surrounding municipalities and watershed management organizations will also be expected. A list of these cooperative partners having responsibilities for overseeing or implementing various aspects of Bloomington's LSWMP are included below, along with their web addresses:

- City of Bloomington (www.bloomingtonmn.gov)
- NMCWD (www.ninemilecreek.org)
- RPBCWD (www.rpbcwd.org)
- LMRWD (www.lowermnriverwd.org)

- RBWMO (www.rpwmo.org)

2.4 Water Resource Related Agreements

The City has entered into water resource related agreements that govern, in part, how the City must manage its water resources. These agreements include agreements between the City and watershed management organizations having jurisdiction within its boundaries, agreements between the City and adjoining communities, or agreements the City may have with other governmental units or private parties. Listed below is a description of the City's water resource related agreements.

City of Edina

- Agreement with the City of Edina to study and construct improvements between Xerxes Avenue and Normandale Boulevard, 1984
- Pentagon Park agreement (see NMCWD)

City of Richfield

- Agreement with the City of Richfield to construct a storm sewer from Bloomington Avenue and TH494 to a ponding area on the south side of 80th Street, 1966
- Agreement between the village of Bloomington and the village of Richfield relative to the interconnection of storm sewers, 1955
- Joint Powers Agreement between the Cities of Bloomington and Richfield establishing the RBWMO, 1983, 1992

City of Eden Prairie

- Study for the City of Eden Prairie for the CSAH 1 and 18 Area Storm Sewer Improvements, 1989

NMCWD

- In 1964, NMCWD and the City of Bloomington agreed to share costs and cooperate on a feasibility study of Nine Mile Creek channel improvements. This agreement ultimately led to the construction Marsh Lake Dam (referenced in correspondence from October 26, 1964)

- Agreement between NMCWD and the City of Bloomington for the maintenance of the Lower Valley Basic Water Management Project, 1993
- Resolution petitioning the NMCWD to undertake the Bush Lake Outlet Basic Water Management Project, 1996
- Normandale Lake improvement project undertaken by NMCWD, 1978
- Resolution petitioning the NMCWD to undertake the Bloomington Culvert Replacement Project, 2005
- Cooperative agreement between the Cities of Bloomington and Edina and the Nine Mile Creek Watershed District for development of a regional stormwater and flood management plan for the shared Pentagon Park/Border Basin catchment area along the Bloomington/Edina border west of France Avenue and east of Trunk Highway 100, 2016

Hennepin County

- Cooperative Agreement between the City of Bloomington and Hennepin County for the Bloomington Ferry Bridge Stage 5A Cleanup Contract, 1997
- Cooperative Agreement between the City of Bloomington and Hennepin County for the CSAH 18 from 108th Street to TH494 project, 1995
- Agreement between the City of Bloomington and Hennepin County for the CSAH 18 construction project, 1996
- Wetland Health Evaluation Program (WHEP) Agreement 2005–2007
- Agreement for completion of the Land Cover Mapping Project 2006

Minnesota Department of Natural Resources (MnDNR)

- Agreement between the MnDNR, the City of Bloomington, the LMRWD, and the U.S. Fish and Wildlife Service (USFWS) to develop a boat launch/access at Lyndale Avenue to the Minnesota River

USFWS

- Memorandum of Understanding between the City of Bloomington and the USFWS for the management and development of the Long Meadow Lake Unit (the I-35W east agreement), 1997
- Special Use Permit and Draft Amendment to the Cooperative Agreement for Orchard Springs storm sewer development, 1985
- Management agreement to I-35W west within the Minnesota Valley National Wildlife Refuge
- Storm sewer outfall for Killebrew and 24th to the Minnesota River Valley

Minnesota Department of Transportation (MnDOT)

- Agreement between MnDOT and the City of Bloomington for the connection of storm sewer systems to existing I-494 storm sewer and TH77 storm sewer systems, 1989
- Agreement between MnDOT and the City of Bloomington for replacement/betterments to the 84th Street bridge/culvert
- Agreement between MnDOT and the City of Bloomington for ongoing maintenance of Pond C