

Chapter 7: Surface Water Management

Protect, Preserve & Conserve





7. SURFACE WATER MANAGEMENT

City of Lauderdale Comprehensive Plan 2040

INTRODUCTION

The purpose of this Chapter and of the 2018 Lauderdale Local Surface Water Management Plan (2018 LSWMP) is to guide the City of Lauderdale in conserving, protecting, and maintaining the quality of its surface waters, ground water, and natural resources. The City recognizes that the responsibility of water resource management is in the hands of numerous agencies and organizations each tasked with monitoring and planning for water resource management and environmental protection. Plans are created to meet the provisions of Minnesota Statutes Chapter 103B (Metropolitan Surface Water Management Act), Minnesota Rule 8410, and standards and requirements of the three watershed management organizations with jurisdiction within the City of Lauderdale: the Mississippi Watershed Management Organization (MWMO), the Capitol Region Watershed District (CRWD), and the Rice Creek Watershed District (RCWD). The 2018 LSWMP and this Chapter may be periodically amended to remain current with local practices and policies.

To fulfill the requirements of the Metropolitan Council's Thrive MSP 2040 checklist, the full LSWMP is appended to this Plan, and this chapter serves as an Executive Summary.

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2040 Surface Water

Highlights – What's to Come

- » The City will continue to adopt, and incorporate by reference, the rules and regulations of the watershed management organizations having jurisdiction of Lauderdale's surface water.

LOCAL SURFACE WATER MANAGEMENT PLAN (2018 LSWMP)

EXECUTIVE SUMMARY

The Local Surface Water Management Plan (2018 LSWMP) for the City of Lauderdale was updated and adopted in 2018 and serves as a comprehensive planning document to guide the City in conserving, protecting, and managing its surface water resources. The 2018 LSWMP provides an inventory of water resource related information including the results of assessments conducted by other local and state governmental agencies. From this inventory and assessment, Lauderdale sets forth its goals and policies and implementation program. Goals, policies, and implementation all support the guidance and requirements of other regulatory agencies with water management jurisdiction in Lauderdale.

The City has structured its 2018 LSWMP to provide the information required by Minnesota Rule 8410 and addresses requirements of the Minnesota Pollution Control Agency's Municipal Separate Storm Sewer System (MS4) program designed to reduce the sediment and pollution that enters groundwater and surface waters to the maximum extent practicable. The MS4 program is regulated through the National Pollutant Discharge Elimination System (NPDES) permits. These NPDES permits require the development of Storm Water Pollution Prevention Plan (SWPPP).

The 2018 LSWMP also satisfies the Metropolitan Council requirements for their 2040 Water Resources Policy Plan, which build on those of Minnesota Rule 8410. Finally, the 2018 LSWMP is also consistent with the goals and policies of the local watershed management organizations with jurisdiction within the City, which may go beyond the specific requirements of Statutes and Rules.

Specific details for surface water management can be found in the 2018 LSWMP contained in Appendix B.



2018 LSWMP RELATED AGREEMENTS

Existing agreements between the City of Lauderdale and other agencies include the following as discussed in Section 5 of the 2018 LSWMP:

Conveyance

Multiple inter-agency stormwater conveyance agreements have been made by the City. In March of 1954, Lauderdale entered into an agreement with Roseville and the Minnesota Highway Department authorizing the discharge of stormwater through the Highway 280 system (Minnesota Highway Department Agreement No. C-1245). In March of 1973, the City entered into an agreement with Roseville to share the cost of operating improvement 72-15, consisting of an additional gravity outlet and pump station in Walsh Lake. Copies of these conveyance agreements are included in the 2018 LSWMP, Appendix B for reference.

Watershed Management

The Joint and Cooperative Agreement for the Mississippi Watershed Management Organization was executed by the Minneapolis Park and Recreation Board and the cities of Minneapolis, Saint Paul, St. Anthony and Lauderdale in January 2002. This agreement established the authority and responsibilities of the MWMO Board. A copy of the agreement is included in the 2018 LSWMP, Appendix B for reference.

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2018 LSWMP AMENDMENT PROCEDURES

Amendment procedures from Section 9 of the 2018 LSWMP include:

Review and Adoption Process

Review and adoption of this 2018 LSWMP will follow the procedure outlined in Minnesota Statute 103B.235:

“After consideration but before adoption by the governing body, each local government unit shall submit its water management plan to the watershed management organization[s] for review for consistency with the watershed plan. The organization[s] shall have 60 days to complete its review.”



“Concurrently with its submission of its local water management plan to the watershed management organization, each local government unit shall submit its water management plan to the Metropolitan Council for review and comment. The council shall have 45 days to review and comment upon the local plan. The council’s 45-day review period shall run concurrently with the 60-day review period by the watershed management organization. The Metropolitan Council shall submit its comments to the watershed management organization and shall send a copy of its comments to the local government unit.”

“After approval of the local plan by the watershed management organization[s], the local government unit shall adopt and implement its plan within 120 days and shall amend its official controls accordingly within 180 days.”

Amendments to Plan and Future Updates

4 The 2018 LSWMP will be incorporated into the City’s 2040 Comprehensive Plan update and will be applicable until 2028, at which time an updated plan will be required. This timeline marks a change from previous updates; previously, Local Surface Water Management Plan updates were done when the water districts or water management organizations updated their Watershed Management Plans. Periodic amendments may be required to incorporate changes in local practices. In particular, changes to the three applicable Watershed Management Plans may require revisions to this Plan. Plan amendments will be incorporated by following the review and adoption steps outlined above.

