

Shakopee Surface Water Management Plan Update

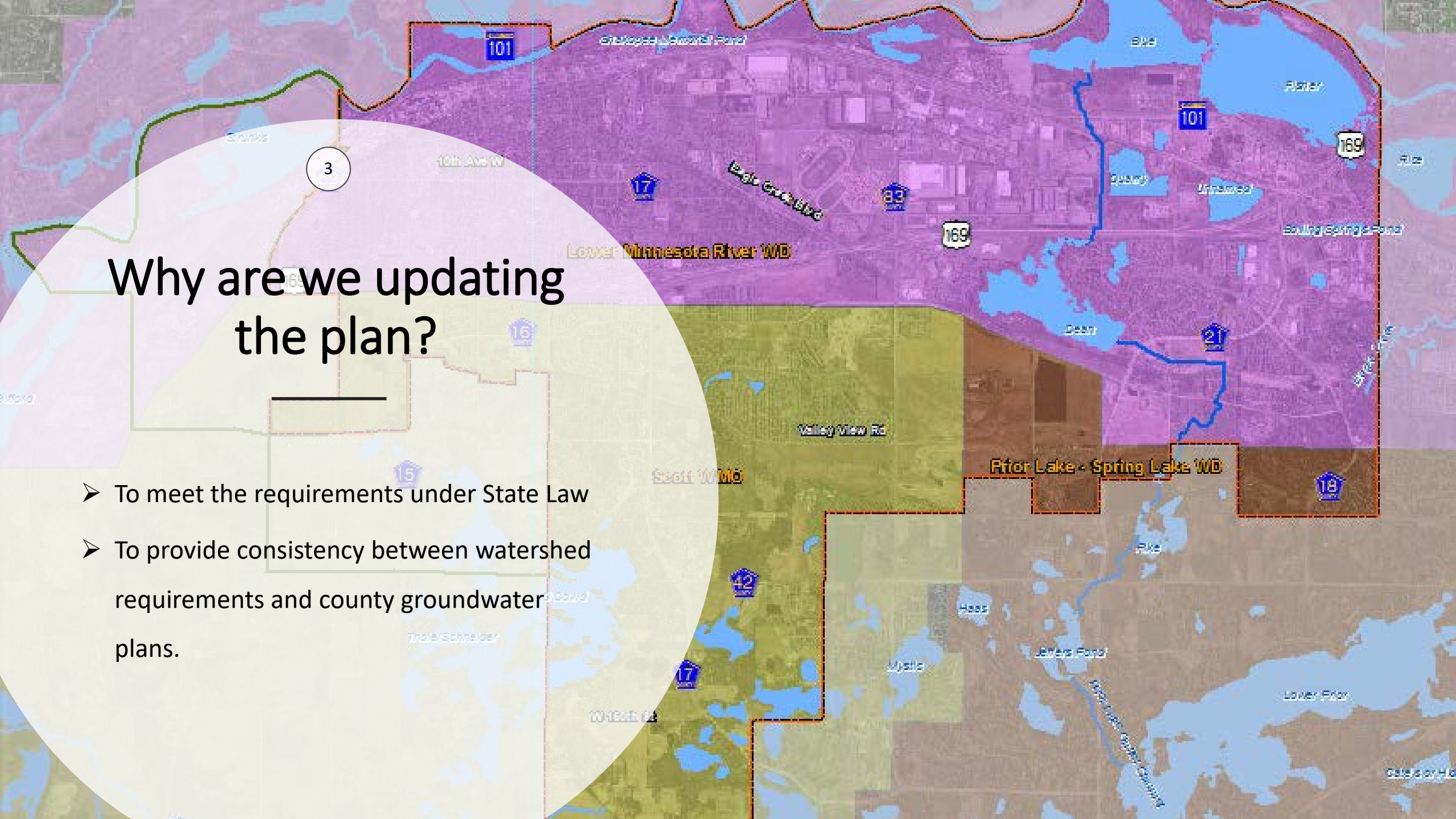
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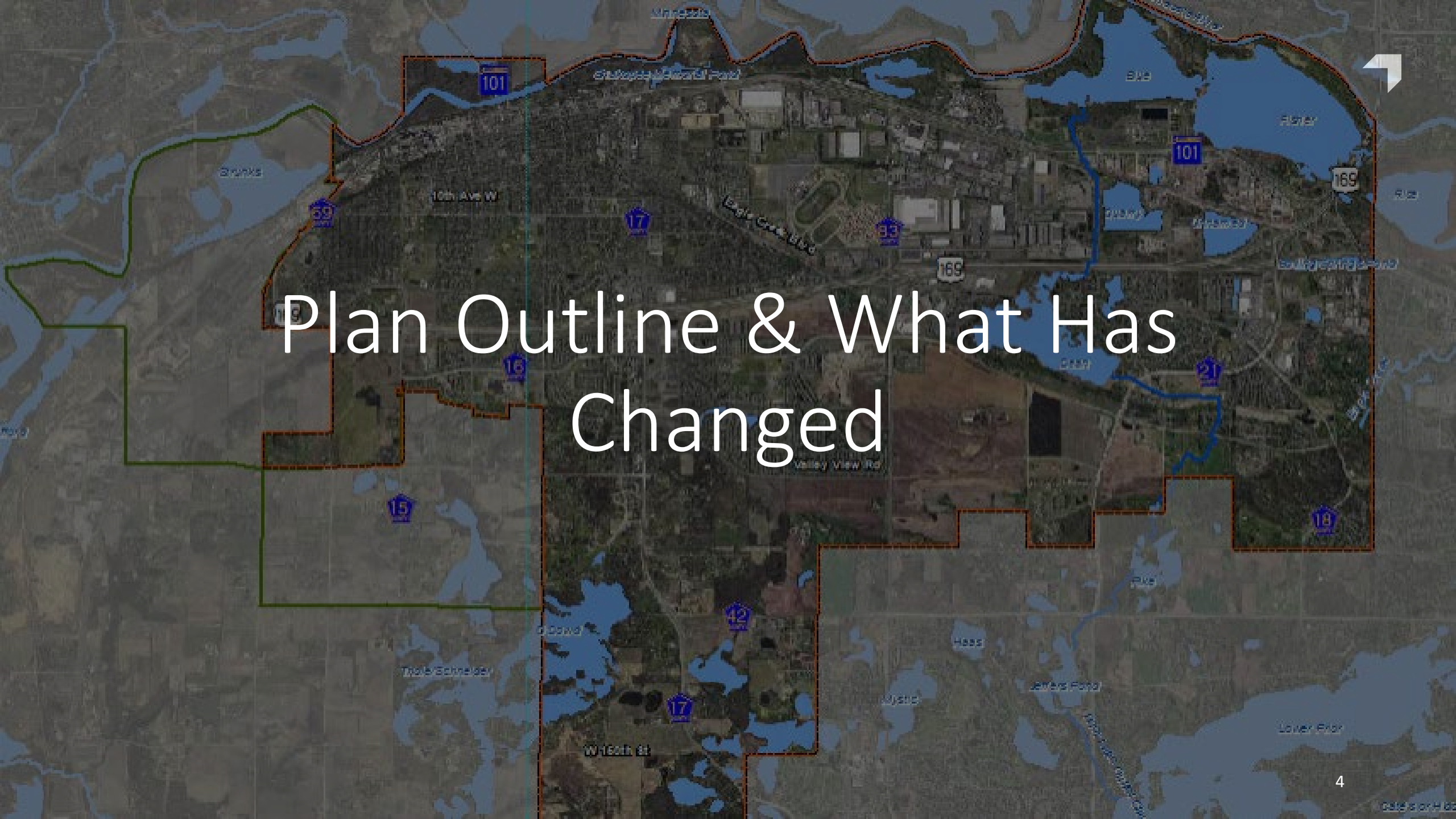
What is a Surface Water Management Plan (SWMP)?

- A component of a city's Comprehensive Plan that describes how the community protects and improves water quality and quantity.
- A planning tool to help communities meet the challenges of cost-effective management of water resources, both surface water and groundwater.
- A regulatory document describing policies for development.
- A plan to help cities budget for water resource related projects and provide eligibility for grant funding and partnership opportunities.



Why are we updating the plan?

- To meet the requirements under State Law
- To provide consistency between watershed requirements and county groundwater plans.



Plan Outline & What Has Changed



Chapter 1: Executive Summary

- Provides basic information about the plan update
- Summarizes the highlights of the SWMP, including the purpose and scope, goals, policies, and implementation tasks.

Updates:

- Personnel contacts
- Summaries of updated plan sections



Chapter 2: Land and Water Resource Inventory

- Provides technical information describing the surface and subsurface conditions of the City.
- Includes items such as soil descriptions, climate & precipitation, land use, impaired waters, hydrologic system, groundwater, floodplains, natural resources, etc.

Updates:

- Rainfall data – Atlas 14 Update
- Impaired waters
- Hydrologic system – included recent modeling update
- Related figures



Chapter 3: Agency Cooperation

- Outlines other governmental controls and programs that affect stormwater management.
- Summary of each support agency and their role in water resources management. Includes agencies such as the watersheds, MnDNR, BWSR, FEMA, Met Council, MnDOT, Scott County and MPCA.
- Describes City's NPDES MS4 program and any water resources related agreements

Updates:

- Agency descriptions and roles in water resources management
- Updated water resource related agreements



Chapter 4: Assessment of Problems & Issues

- Assesses the issues, challenges, and problems the City faces in managing stormwater and local water resources.
- Provides corrective actions for each identified issue.

Updates:

- Water quality issues including impaired waters and degradation of stormwater ponds.
- Flooding and rate control including localized flooding issues and drainage concerns.
- Erosion and sediment control concerns
- Aging infrastructure and need for stormwater system maintenance



Chapter 5: Goals & Policies

- Presents the City's water resource vision in the form of its goals and policies.
- Goals related to water quantity, water quality, fish and wildlife, public education, erosion and sediment control, groundwater, wetlands, and maintenance.

Updates:

- Added references to the City's Design Criteria document
- Updated to be consistent with watershed standards



Chapter 6: Implementation Program

- Describes the significant components of the City's implementation program
- Prioritized listing of the studies, programs, and capital improvements that have been identified as necessary to respond to the City's water resource needs
- Includes items related to the NPDES MS4 program, operation and maintenance of the stormwater system, education and public involvement, capital improvements projects and ordinance implementation.
- Outlines the financial considerations of implementing the proposed regulatory controls, programs, and improvements.

Updates:

- Added new capital improvement projects and funding opportunities through 2023
- Allocated funds to regular maintenance activities



Chapter 7: Amendment Procedures

- Discusses the procedures to be followed in the event this Plan is amended.

Updates:

- Updated plan review and amendment procedure to be consistent with State statute.

THANK YOU