

## MEMO

TO: City of Watertown Common Council  
FROM: Andrew Beyer  
DATE: December 13, 2023  
RE: City-wide Flood Control Master Plan

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After the City received over 8-inches of rain in 1 day in August 2018, the Common Council tasked the Engineering Division with completing a study to prevent similar flooding events in the future. The City's stormwater consultant has completed a City-wide Flood Control Master Plan, which evaluated the stormwater management system and developed recommendations for improvements to the system.

The City-wide Flood Control Master Plan includes modeling of 18-inches or larger storm sewer and conclusions showing where flooding would most likely occur under the traditional 10-year, 100-year, and 500-year within 24 hours storm events. Goals of the study included:

- Public roadways would be passable (less than 6 inches deep) in a 500-year storm event.
- The wastewater treatment facility and all sanitary lift station would not be flooded and would be accessible.
- Bridges, railroad crossings, and any other sites that limit traffic flow or access from one part of the City to another, or provide access to critical facilities, should be open and passable during the 500-year event.
- Residential areas should have reduced street and urban flooding that impacts property owners and/or results in basement back-ups.
- Consider City future growth area and potential redevelopment sites for flood control opportunities.

This City-wide Flood Control Master Plan was completed under the Storm Water Utility. The Storm Water Utility is expected to evaluate, prioritize and fund future implementation of the recommendations of this study.

The City's stormwater consultant, Ruekert & Mielke, will present an overview of the study to the Common Council at a scheduled Committee of the Whole Meeting on January 2, 2024.