

# Wastewater Master Plan



# Overview

## *Purpose:*

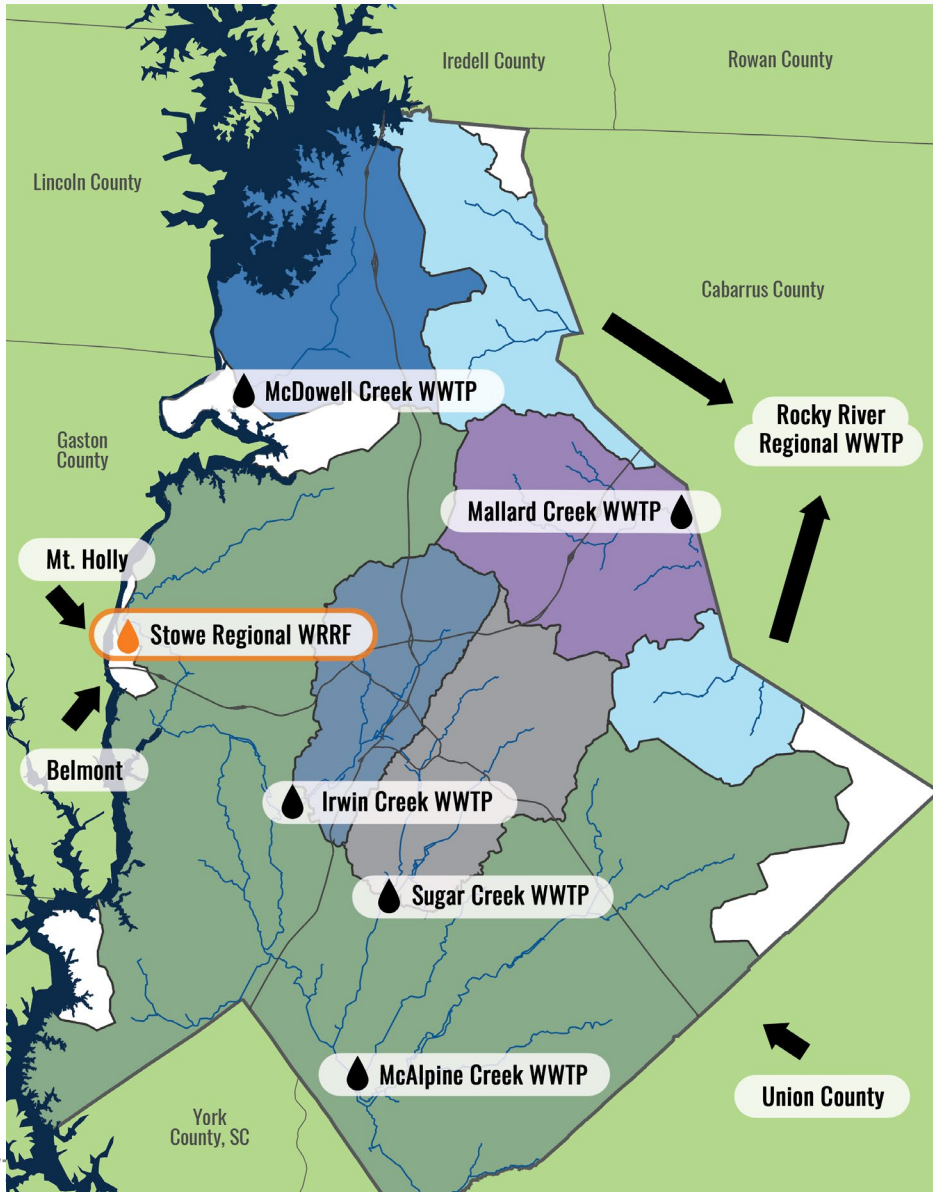
- Discuss Wastewater Master Plan, which will produce the necessary information to sustain future growth and development in the City while prioritizing expenditures

## *Future Council Action:*

- Request Council approval of Waste Water Master Plan contract at October 14 Council meeting
- Request Council approval of agreement with Town of Belmont at October 28 Council meeting



# Complex and Critical System



- **Large & Complex System**
  - 8 plants
  - 4,300+ miles of wastewater pipes maintained
  - 33 billion gallons of wastewater treated
  - 1 million+ population served
- **Critical Infrastructure**
  - Wastewater system necessary for development or redevelopment
  - Every house, business and institution is connected by pipes to wastewater plants
  - Environmental health dependent on functional system
  - Topography drives locations of pipes and plants



# Historical Perspective



# Master Plan Connects to City & Community

- Charlotte Future 2040 Plan
- Transit-oriented development
- Economic development
- Regional planning



# Expected Outcome

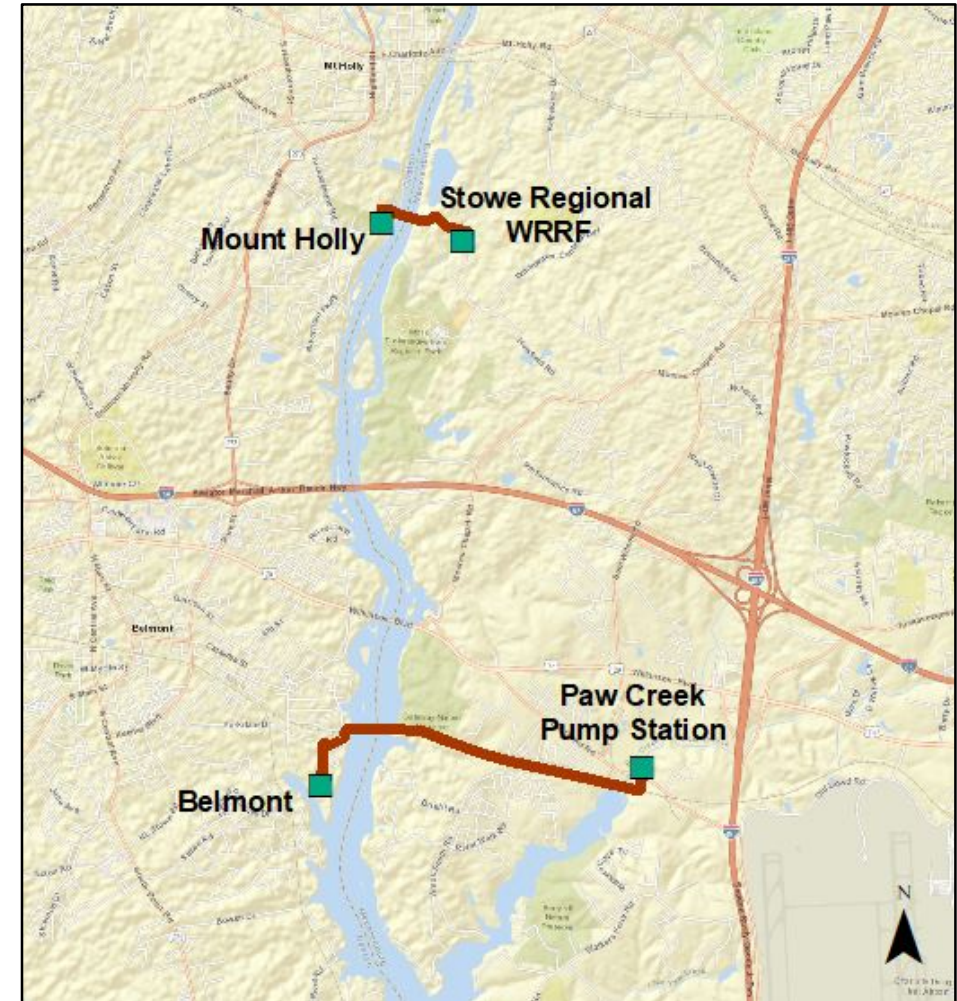
- Strategic roadmap for infrastructure investments and partnerships
- Community growth
- Informed long-term financial plan and continued AAA bond rating
- Regulatory confidence

*FY 2020 – FY 2024 Adopted CIP*



# Town of Belmont Agreement

- Presented to Council at April 9, 2018 Action Review Meeting
- Part of a regional approach to wastewater treatment
- Ensures ability to serve western Mecklenburg County



# Project Timeline

- Request Council approval of Waste Water Master Plan contract at October 14 Council meeting
- Request Council approval of agreement with Town of Belmont at October 28 Council meeting
- Begin work late fall 2019
- Project duration: 12-15 months

