

# Proposed Acquisition of the Rogers Wastewater Treatment Facility



January 14, 2019 Public Hearing



# Welcome

## Sandy Rummel

Metropolitan Council Member – District 11  
Environment Committee Chair



# Open House/Public Hearing Agenda



Open House | 2:00 pm



Presentation | 3:00 pm

- MCES overview and history
- Proposed acquisition
- Estimated facility costs and revenue
- Key milestones
- Planning for Crow River WWTP



Public Comments



Adjourn

# Environmental Services



- Protects public health and safety
- Protects the environment
- Fosters the economic growth of the region

## WHO WE SERVE

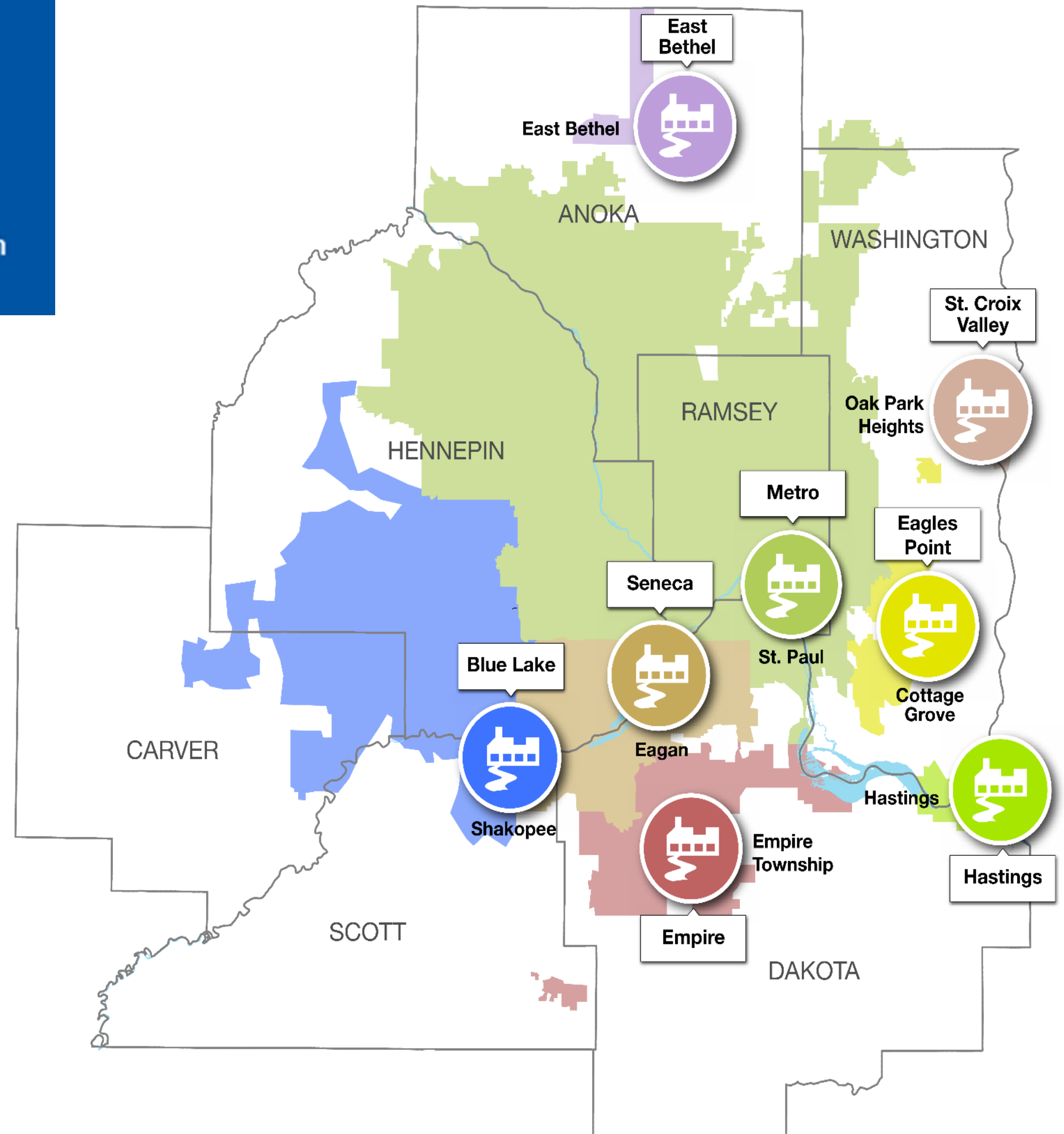
7-county Twin Cities metro area  
**109** communities  
**2,700,000** people

## OUR FACILITIES

8 wastewater treatment plants  
**610** miles of interceptors  
**250 million** gallons per day (avg)

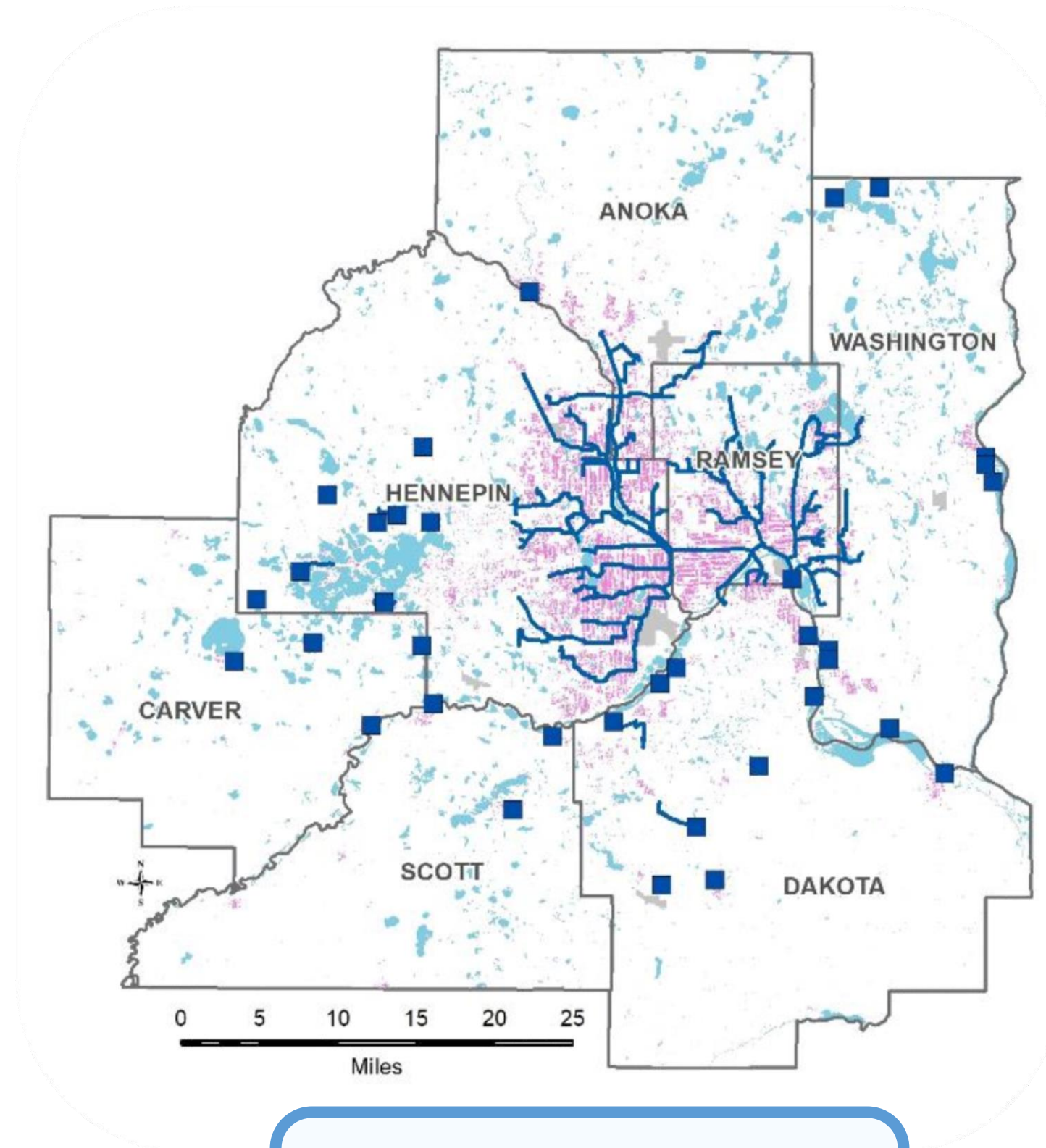
## OUR ORGANIZATION

**600+** employees  
**\$7 billion** in valued assets  
**\$150 million / year** capital program





# Decentralized Wastewater Treatment



**1938 - 1969**

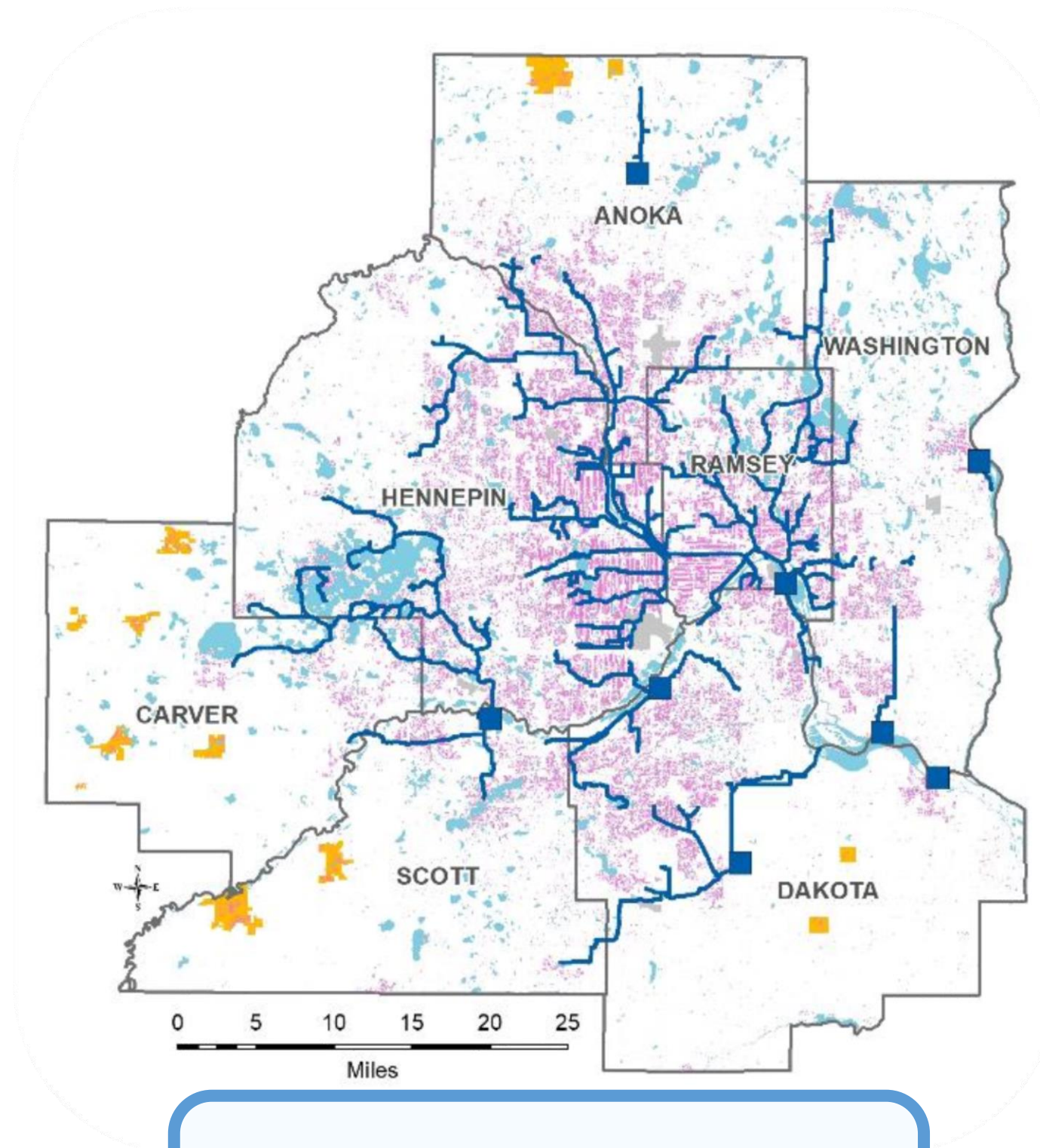
Many local decentralized treatment plants serve suburban area growth.

Severe deterioration in lakes water quality from septic tanks, runoff, and inadequate WWTPs.

Legislature forms Metropolitan Council in 1967 – Metropolitan Sewer Board in 1969.

**The Metropolitan Sewer Board was created in 1969**

# Regional Wastewater Treatment



**1969 - Present**

Regional approach to wastewater treatment with 35 WWTPs consolidated into 8 WWTPs.

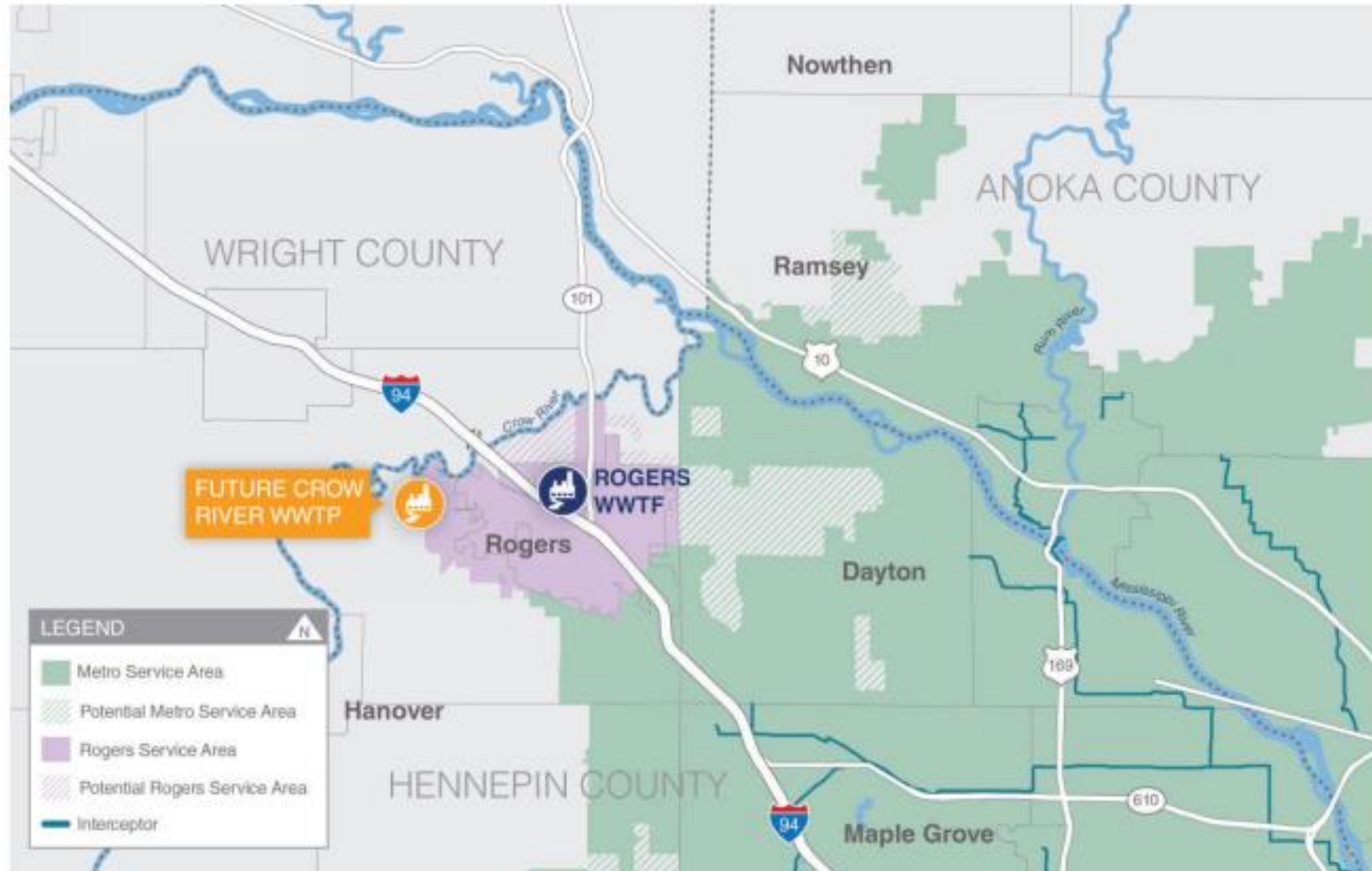
Separation of sanitary and storm sewers eliminated overflows to Mississippi River.

River and lake water quality greatly improved.

**35 Wastewater Treatment Plants consolidated to 8**



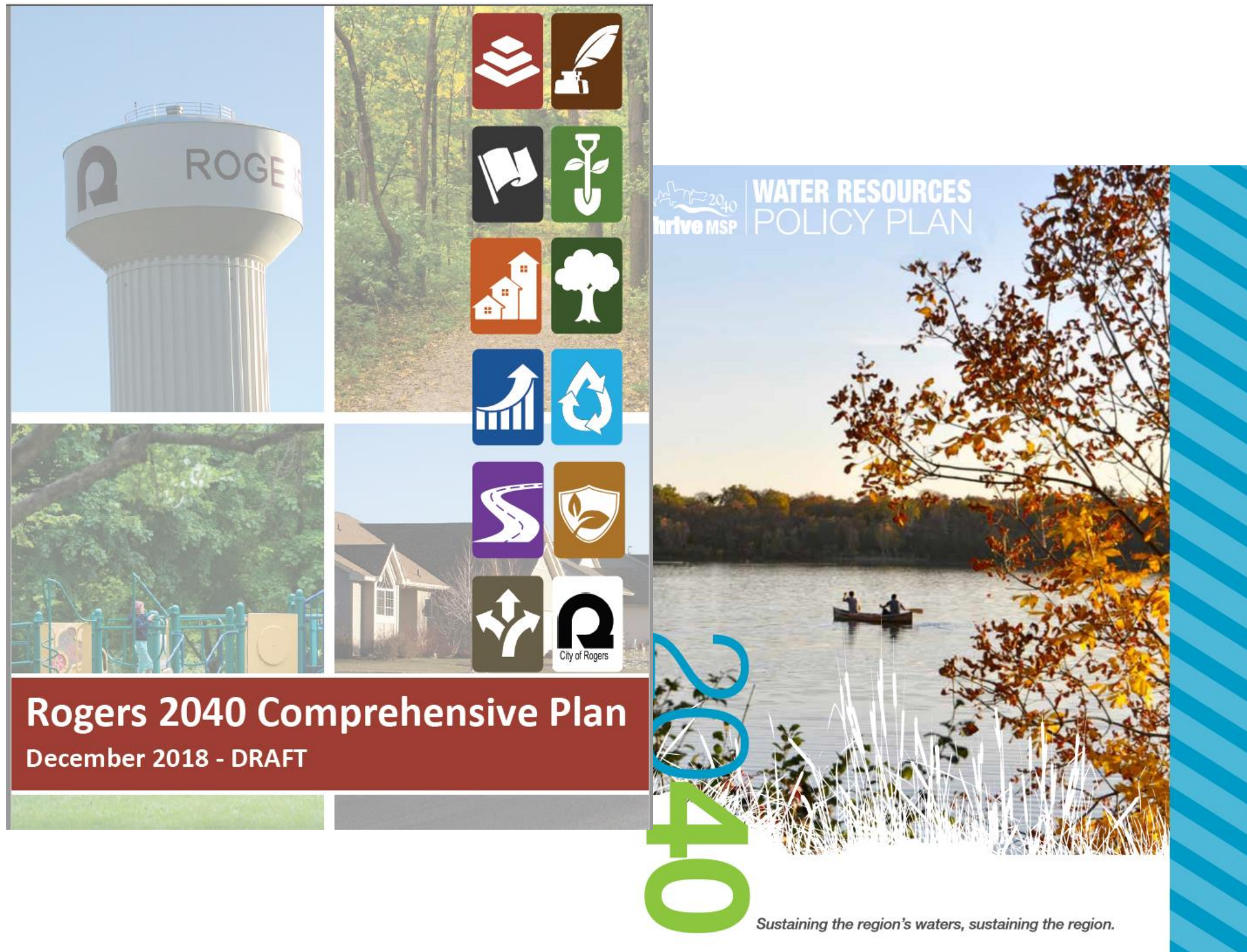
# Crow River WWTP



***Crow River WWTP will initially treat up to 3 million gallons per day with the ability to expand capacity up to 6 million gallons per day***



# Proposed Acquisition



- Identified in the 2030 and 2040 Water Resources Policy Plans
- Identified in the Rogers 2030 Comprehensive Plan
- City formally requested acquisition in October 2018
- MCES will use its statutory authority to acquire and operate the Rogers WWTF

***From MCES 2040 Water Resources Policy Plan, Urban Area Policy:  
“Acquire wastewater treatment plants from suburban communities  
outside the current service area, based upon request through the  
comprehensive plan and comprehensive sewer plan process, after  
soliciting customer input and conducting a public hearing on the  
request”***





# Estimated Facility Costs

## Estimated Acquisition Cost

**\$ 800,000**

## Estimated Capital Improvements

**\$1,500,000 - \$2,500,000**

- Phosphorus removal equipment
- SCADA upgrades
- Backup generator
- Metering, process control, telemetry
- Potential solids handling upgrade

## Estimated Annual Operation and Maintenance

**\$ 750,000**

- Staffing
- Materials and supplies
- Chemicals
- Utilities
- Sludge hauling





# Rogers WWTF Estimated Costs and Revenue

## Estimated Annual Average Revenue (2020-2030)

SAC	\$ 205,000
MWC	\$ 973,000

**Total Annual Revenue \$1,178,000**

## Estimated Annual Average Costs (2020 – 2030)

	Low	High
Acquisition price	\$ 80,000	\$ 80,000
Capital improvement cost	\$ 150,000	\$ 250,000
O&M	\$ 750,000	\$ 750,000
<b>Total Annual Cost</b>	<b>\$ 980,000</b>	<b>\$1,080,000</b>

*The acquisition of the Rogers WWTF has a negligible impact on SAC or MWC charges*



# Key Milestones

<b>January 14, 2019</b>	Public hearing
<b>June 2019</b>	Execute acquisition agreement (Rogers & MCES)
<b>December 2019</b>	MCES assumes Rogers WWTF operations
<b>2020</b>	Initiate planning for Crow River WWTP
<b>2030</b>	Initiative operations of Crow River WWTP
<b>2031</b>	Decommission Rogers WWTF





# Comments

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**Comment**  
**Period Ends** January 24, 2019