



Business Item: 2025-51

Adoption of Facility Plan for the Crow River WRRF and Sanitary Sewer, Project Number 809900



Environment Committee: February 11, 2025

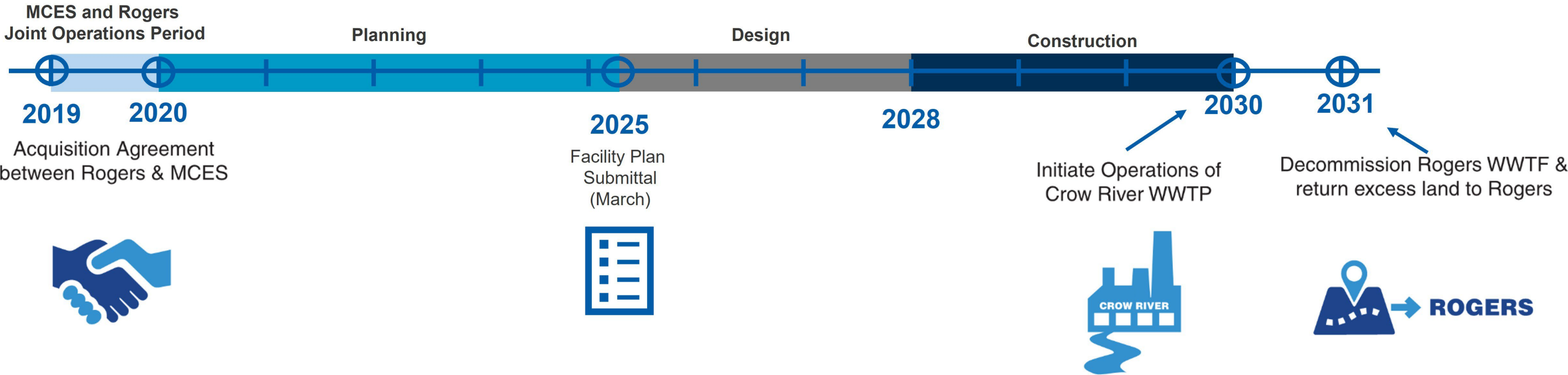
Mark Lundgren



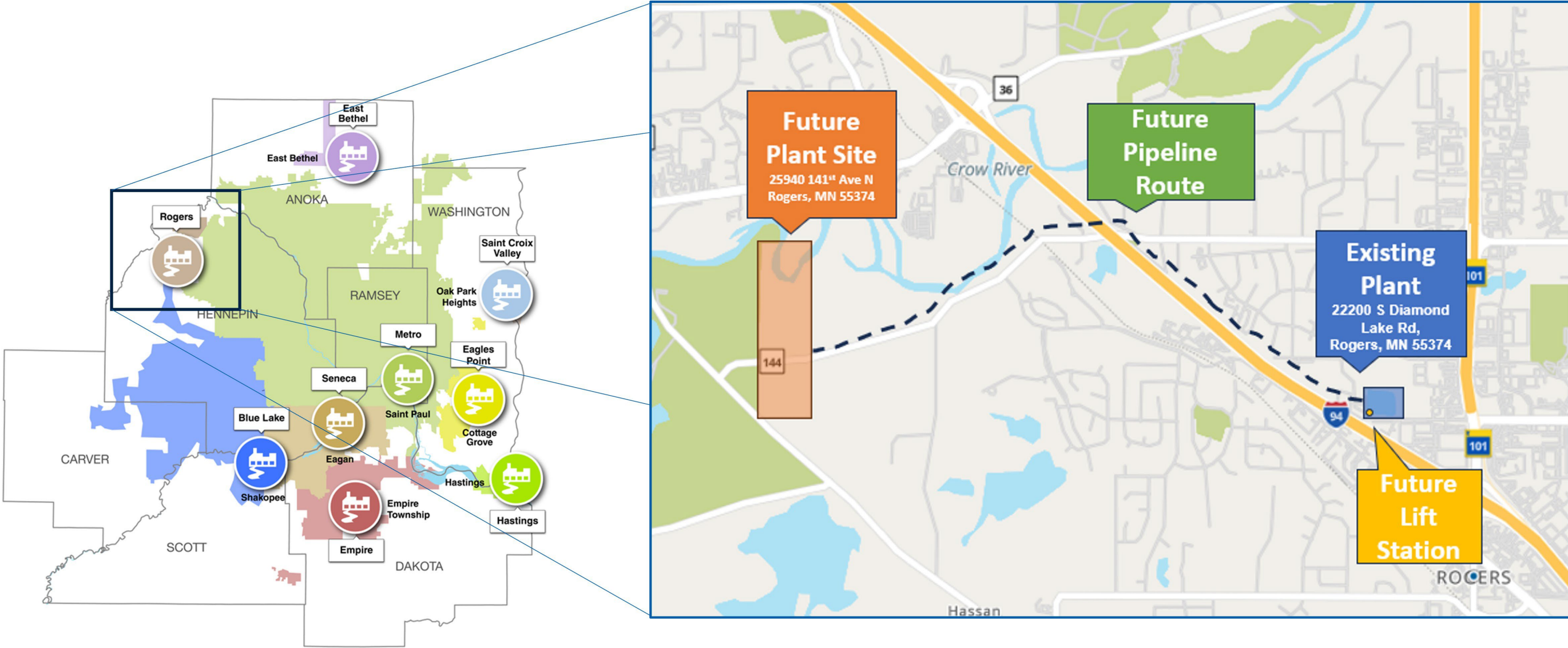
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Crow River WRRF Background



Project Location Map



Planning Level Capital Cost = \$182 Million

Crow River WRRF Service Area



Average Daily Flow

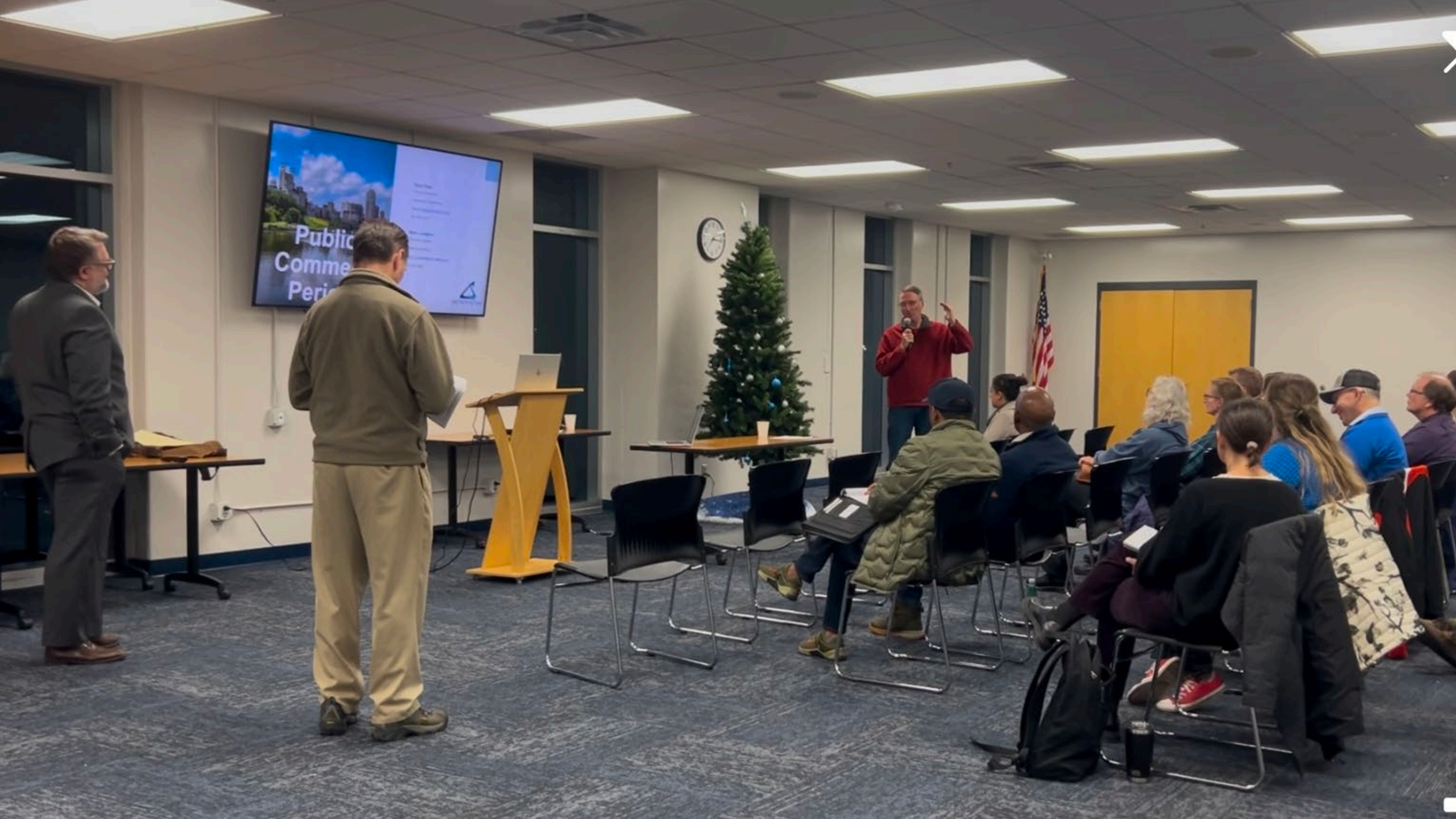
- Initial Construction – 2.8 MGD
- Ultimate Flow – 16.5 MGD

Drivers

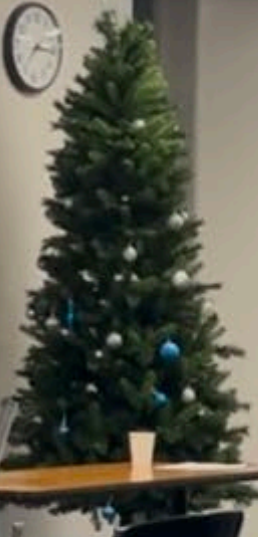
- Serves regional growth in Rogers, Dayton, Corcoran
- Offloads Elm Creek Interceptor / Metro WRRF service area

Facility plan public hearing process

- October 22, 2024 Metropolitan Council authorized public hearing
- December 5, 2024 Open House held at city of Rogers
- January 8, 2025 Public Hearing held at city of Rogers
- February 11, 2025 Environment Committee approval
- February 26, 2025 Metropolitan Council adoption
- March 7, 2025 Facility plan submitted to PFA and MPCA for inclusion on the Intended Use Plan



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Summary of Public Comments

Question:

Why would the discharge go to the Crow River and not the Mississippi River?

Answer:

- No difference in effluent limits between Crow River and Mississippi River discharge.
- \$50 million in extra costs for effluent pipe and lift stations to Mississippi.

Summary of Public Comments

Question:

What are the health impacts of the new plant installation? Are there going to be environmental impacts on birds and other wildlife?

Answer:

- The Crow River WRRF will meet all NPDES requirements
- The NPDES as administered by the MPCA is protective of human health and the environment

Summary of Public Comments

Question:

How are the banks of the river going to change after the new plant is installed?

Answer:

- MCES will stabilize the riverbank on the northern parcel
- No other riverbanks will be impacted by the WRRF
- Some low flow channel erosion due to increased flow

Summary of Public Comments

Question:

How will the new plant change the flow of the Crow River?

Answer:

- 2.8 MGD flow = 18% increase in river flow*
 - 2.8 MGD is the average day capacity
- 1.3 MGD flow = 9% in river flow*
 - 1.3 is the expected average day flow at startup

*based on the lowest 7-day average river flow (7Q10) of 20 cfs for the period 1906-2020

Summary of Public Comments

Question:

Will the effluent pipe be buried? Will the land on top of the effluent pipe be able to be used? Will effluent pipe discharge under the river?

Answer:

- The effluent pipe will be buried
- MCES will maintain a maintenance area above and around effluent pipe
- Effluent will discharge under the river level

Proposed Action

That the Metropolitan Council adopt the Facility Plan for the Crow River Water Resource Recovery Facility (WRRF) and Sanitary Sewer, Project Number 809900, per the attached Resolution No. 2025-3.



Questions

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