

WASTEWATER MASTER PLAN

Wastewater Master Plan is Great Lakes Water Authority's strategy for providing wastewater services to its member communities and ultimately, residents and businesses in the region. The plan ensures that the wastewater system meets current and future needs and is able to provide cost-efficient, regulatory-compliant and reliable services to the GLWA communities for the next 40 years.

REGIONAL FORECAST

- 40 Year Planning Document
- Plan Development Timeline 2017 - 2019

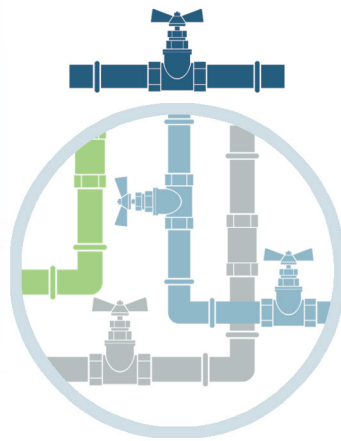
REGIONAL SYSTEM MODEL

Update and combine 15+ municipal computer models into one comprehensive model to see how the system works as a whole.



One model to rule them all

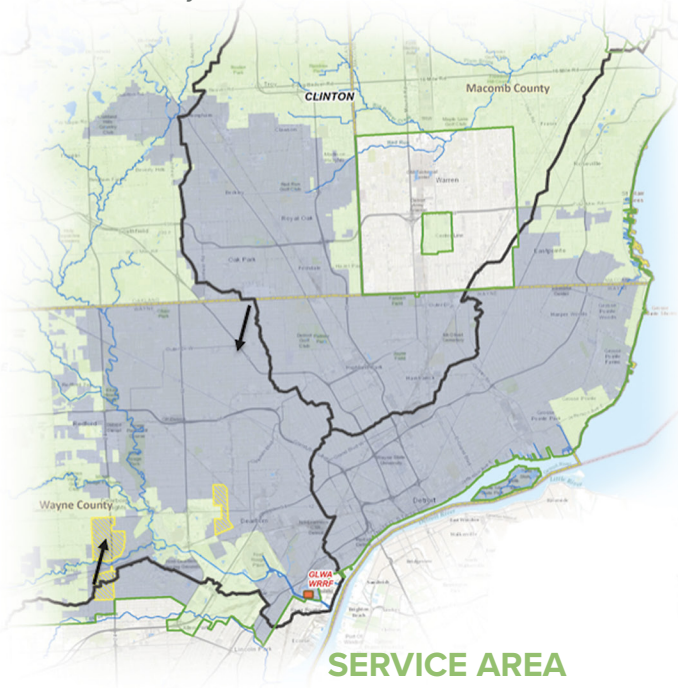
3x MORE DETAIL



REGIONAL OPERATIONS PLAN

Operators working together to manage flows.

- ↑ Maximize flow to the WRRF
- ↓ Minimize untreated discharges to the rivers



SERVICE AREA

900+ square miles

Combined Sewers



Separated Sewers



5 OUTCOMES OF THE WWMP

Developing the WWMP includes evaluating many potential projects. The 5 Desired Outcomes serve as filters in determining which projects will be included in the plan.



“Our collective goal is to have clean lakes, rivers and streams and that means that we cannot continue on the path of discharges. The Wastewater Master Plan will create a common understanding of how the system operates and what further improvements Macomb can make to help the entire system. Communities across the region will be able to plan future projects that improve the overall system.”

Candice Miller
Macomb County
Public Works Commissioner

