

Business Item: 2020-126

Ratification of Declaration of Emergency for Environmental Services Flood Preparations and Mitigation

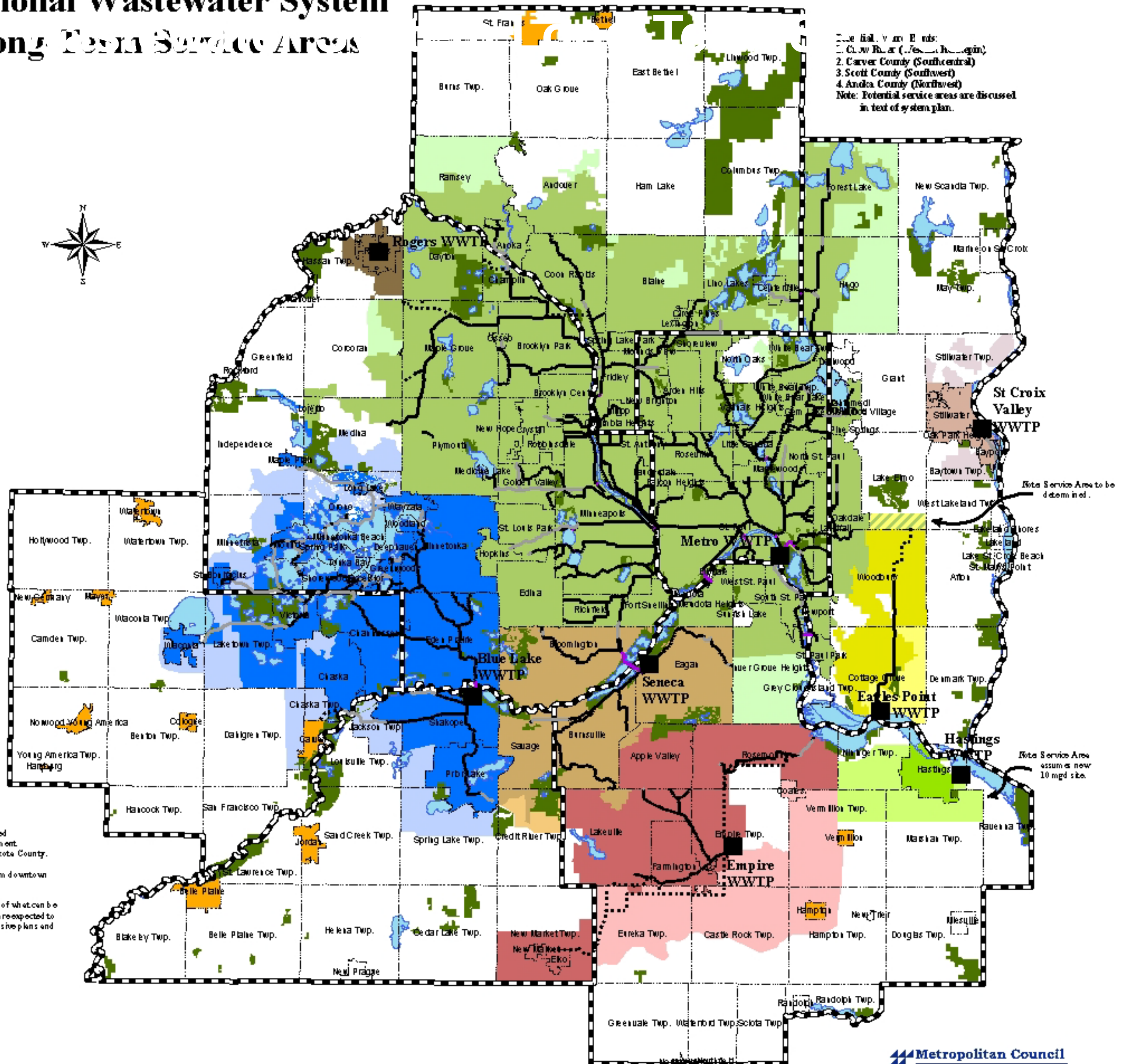
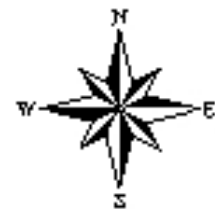
Jeannine Clancy, Assistant General Manager, Technical Services
Dan White, Director of Maintenance and Security

Environment Committee: April 14, 2020



Regional Wastewater System Long Term Service Areas

- MCES Treatment Plant
- Lakes and Rivers
- Regional Parks
- Rural Center
- Metro
- Blue Lake
- Seneca
- Empire
- Eagles Point
- St Croix Valley
- Hastings
- Rogers (if acquired)
- Potential Metro
- Potential Blue Lake
- Potential Seneca
- Potential Empire
- Potential Eagles Point
- Potential St. Croix Valley
- Potential Hastings
- Gravity
- Forcemain
- Siphon
- Proposed Interceptor
- County Boundary
- Community Boundary



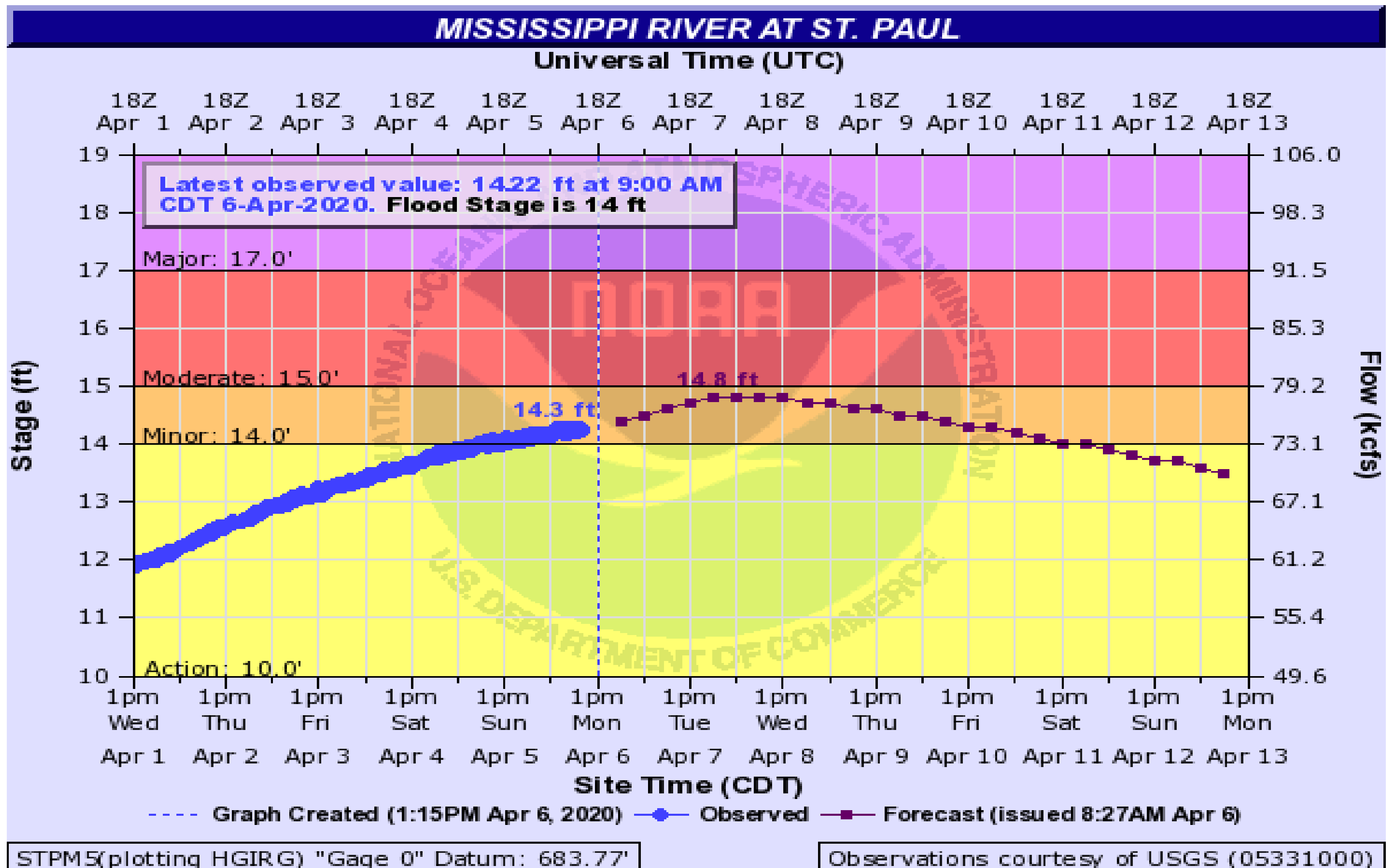
1. Clow River (West) Region
 2. Carver County (Southcentral)
 3. Scott County (Southwest)
 4. Anoka County (Northwest)
 Note: Potential service areas are discussed in text of system plan.

Note Rosemount WWTP site will be retained for potential future WWTP to supplement Empire WWTP in serving central Dakota County.
 Hastings WWTP will be relocated from downtown to east edge of city.
 Potential service areas are illustrative of what can be served. Significant natural resources are expected to be protected through local comprehensive plans and federal, state and local regulations.

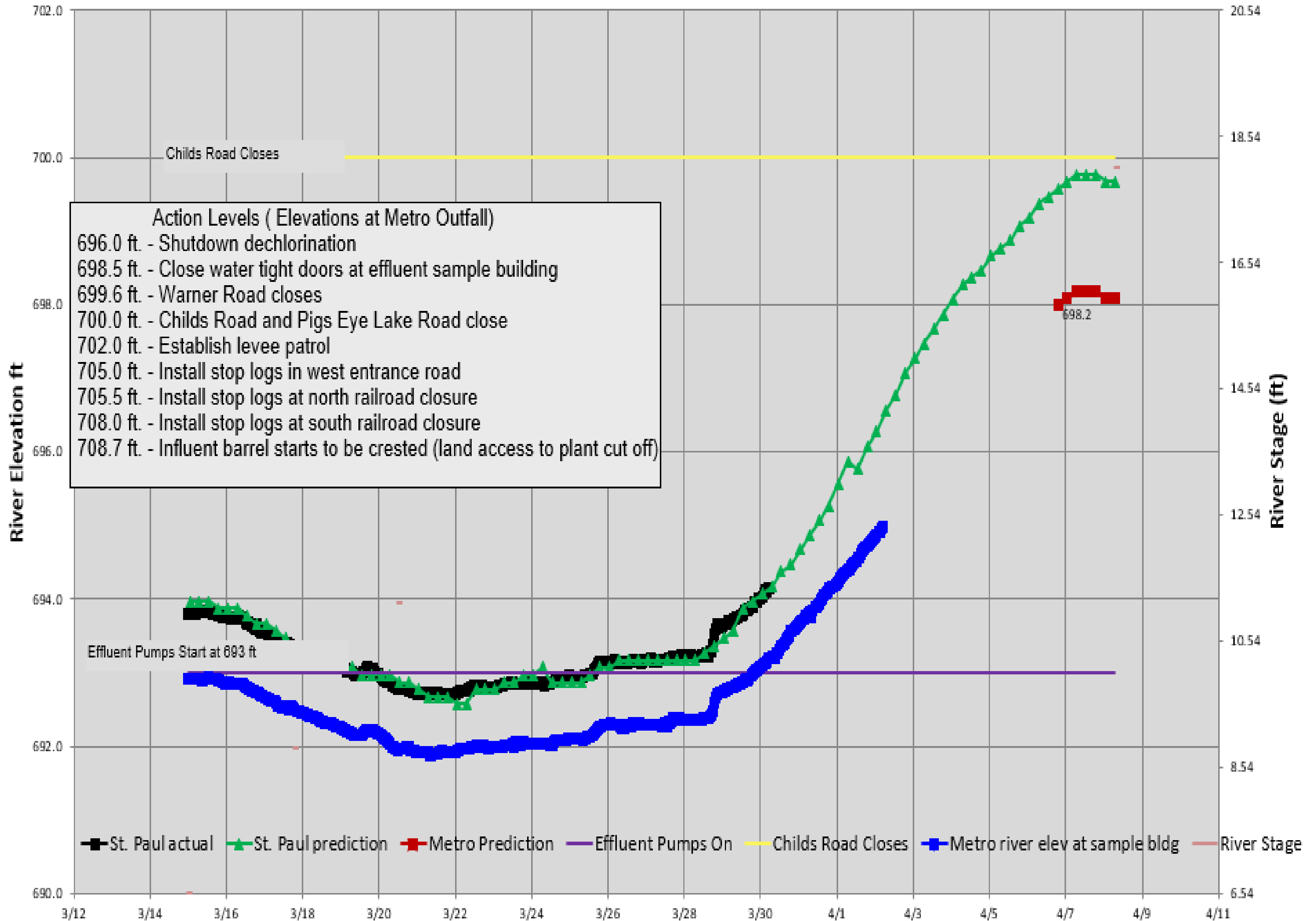
2020 Spring Flood Factors

- Highly-Saturated Soils
- Above-Average Temperatures
- Above-Average Precipitation

Mississippi River at Robert Street and Shepard Road



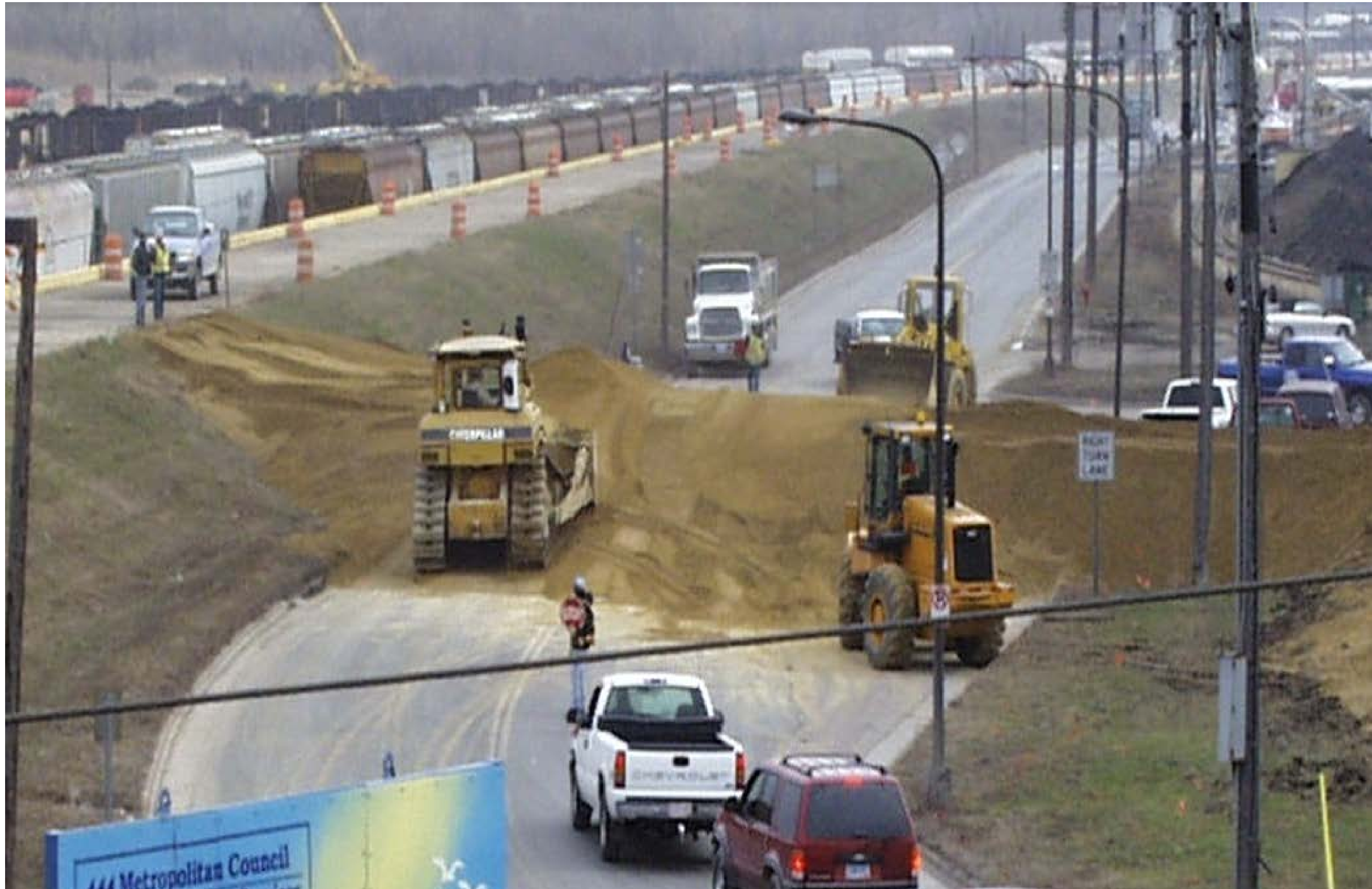
River Levels



Metro Plant Flood Preparations

- Check and prepare emergency generators
- Increase critical process chemicals inventory
- Provide 24/7 electrician coverage
- Check and place sandbags and stop logs
- Coordinate with City/County emergency offices
- Coordinate with businesses
- Construct Childs Road ramp (if needed)
- Divert liquid waste haulers to 3rd and Commercial waste receiving facility

Building a Temporary Road Over Childs Road to the Barrel



Temporary Gravel Road to the Barrel



Flood Mitigation Activities

Other Treatment Plants

- Sand bagging
- Temporary pumping (if needed)
- Temporary road (if needed)

Proposed Action

That the Metropolitan Council ratifies the Emergency Declaration attached to the business item for Environmental Services flood preparations and mitigation for wastewater conveyance and treatment facilities.

Questions

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