

# Reliable Water For The Future



Genesee County is undertaking generational investments in its water supply system. Environmental threats, increased demands and the age of the current water treatment plant place our community at an unacceptable risk for a water disaster.



## THREATS TO A BASIC HUMAN NEED



### City of Batavia Water Treatment Plant (WTP)

- Supplies 50% of water supply in county.
- Equipment is failing and well past life-cycle.



### Threatened Water Source

- Potential contamination from nearby landfill.
- Surface water contamination and low groundwater.



### Emergency Water Restrictions For Past 4 Years

- Current demand exceeding availability.
- Citizens continually asked to limit water usage in hotter summer months.



### Community Safety at Risk

- Jackson, Mississippi level threats were seen in Genesee County in the Summer of 2022 and 2023.
- If WTP fails, within a number of days a countywide emergency would occur.



FOR MORE INFORMATION

**Timothy J. Hens P.E.**

Superintendent, Genesee County Highway Department



585-344-8508

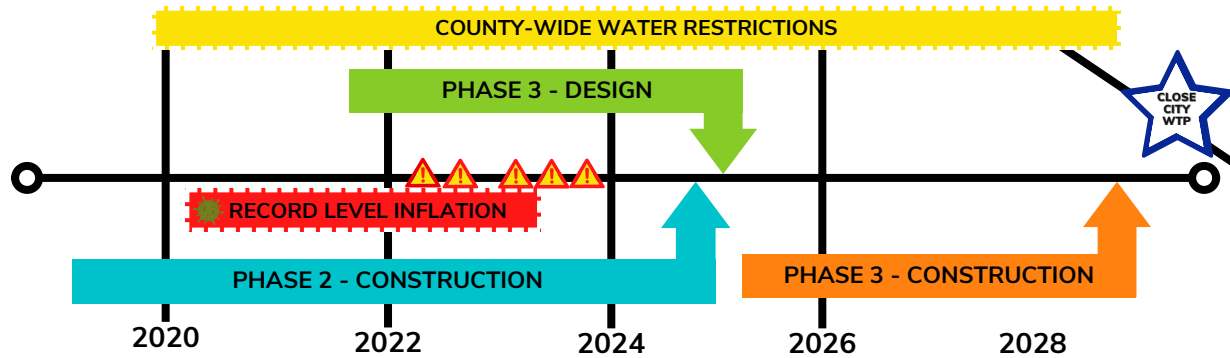


Tim.Hens@co.genesee.ny.us

# Reliable Water For The Future



Genesee County is undertaking generational investments in its water supply system. Environmental threats, increased demands and the age of the current water treatment plant place our community at an unacceptable risk for a water disaster.



- ⚠ July 2022- Mechanical failure at City WTP shuts down 50% of county water.
- ⚠ August 2022- Tonawanda Creek flash flood shuts off creek supply at WTP.
- ⚠ February-March 2023 - Tonawanda Creek intake pipe repair (Plant operated at 50% capacity for 4 weeks)
- ⚠ April-June 2023 - Low-Service Pump Failure (11 weeks of reduced WTP capacity)
- ⚠ June-July 2023 = Well C Pump Failure (Decreased WTP capacity by 1.0 million gallons/day for 3 weeks)

## WATER SUPPLY PROJECT TIMELINE

### Phase 1 (2001)- \$30 million

- Regionalized water supply with +2.5 MGD from the Monroe County Water Authority.
- Project funded by County takeover of Batavia WTP and a water surcharge of \$.60 per 1,000 gal on residents.

### Phase 2 (2025) - est. \$23.5 million (now \$30 million)

- Currently under construction and is meant to supply +2.5 MGD from MCWA.
- Project funded by an increased water surcharge of \$1.20 per 1,000 gal on residents.

### Phase 3 (2029)- est. \$87 million (now \$150 million)

- Replace the City of Batavia WTP with a new supply from MCWA, providing +7.6 MGD.
- Without Phase 3, water shortages continue and will threaten a county-wide water disaster.



FOR MORE INFORMATION

**Timothy J. Hens P.E.**

Superintendent, Genesee County Highway Department



585-344-8508



Tim.Hens@co.genesee.ny.us