



Water Supply Advisory Council

Sept. 6, 2022



Statewide Advisory Council Updates

- ◆ Statewide Council has met 4 times since April
- ◆ Next upcoming meeting:
 - ◆ September 21st 1-3:30pm
- ◆ State Council Materials Available on EGLE WSAC Webpage
 - ◆ [Statewide Drinking Water Advisory Council \(michigan.gov\)](http://michigan.gov)



Statewide Advisory Council Updates

- ◆ Summer 2022 round of lead and copper monitoring is nearly complete
 - ◆ Results will be available fall 2022
- ◆ Michigan SDWA Rules Review is Underway
 - ◆ Invite-Only Stakeholder meetings
 - ◆ Public Sessions late September
 - ◆ Written Comments Accepted



FOR THE
GREATER

Statewide Advisory Council Updates

- GUD Marketing
 - Survey on drinking water education and attitudes done
 - Currently undertaking 3-day focus group of 30 people to test outreach and messaging materials
 - Focus on consistent accessible language



Water Supply Advisory Council

Sept. 6, 2022 | Cheryl Porter, COO Water & Field Services

Current and Future Initiatives

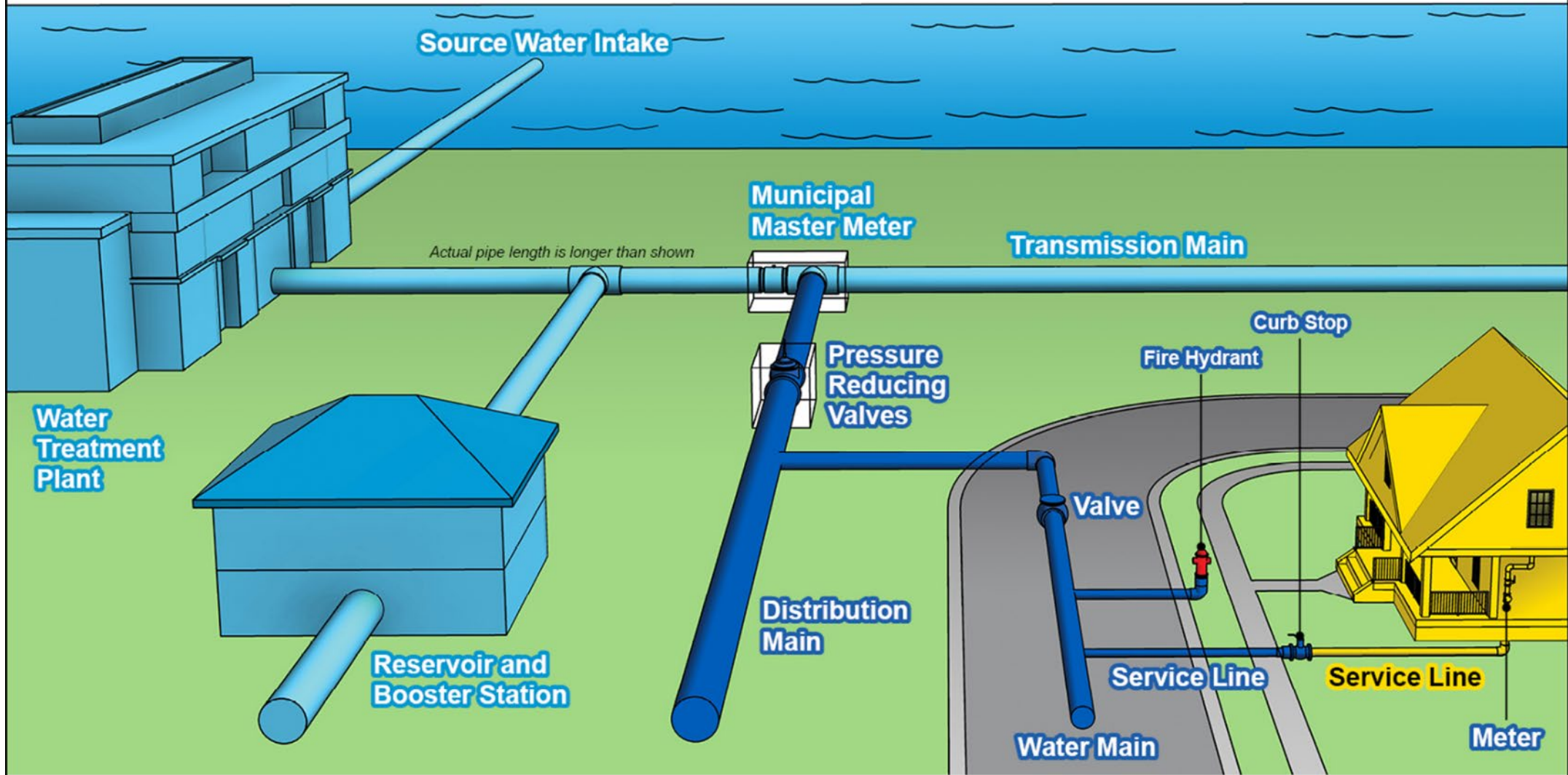


MI-LCR Dates to Remember

- ◆ Member Partner Lead Service Line Replacements are ongoing
- ◆ 90th percentile Lead Action Level change from 15 ppb to 12 ppb
January 2025
- ◆ Complete Distribution System Materials Inventory due to EGLE
January 1, 2025

LCR Sampling Requirements

Our water system is a shared responsibility.



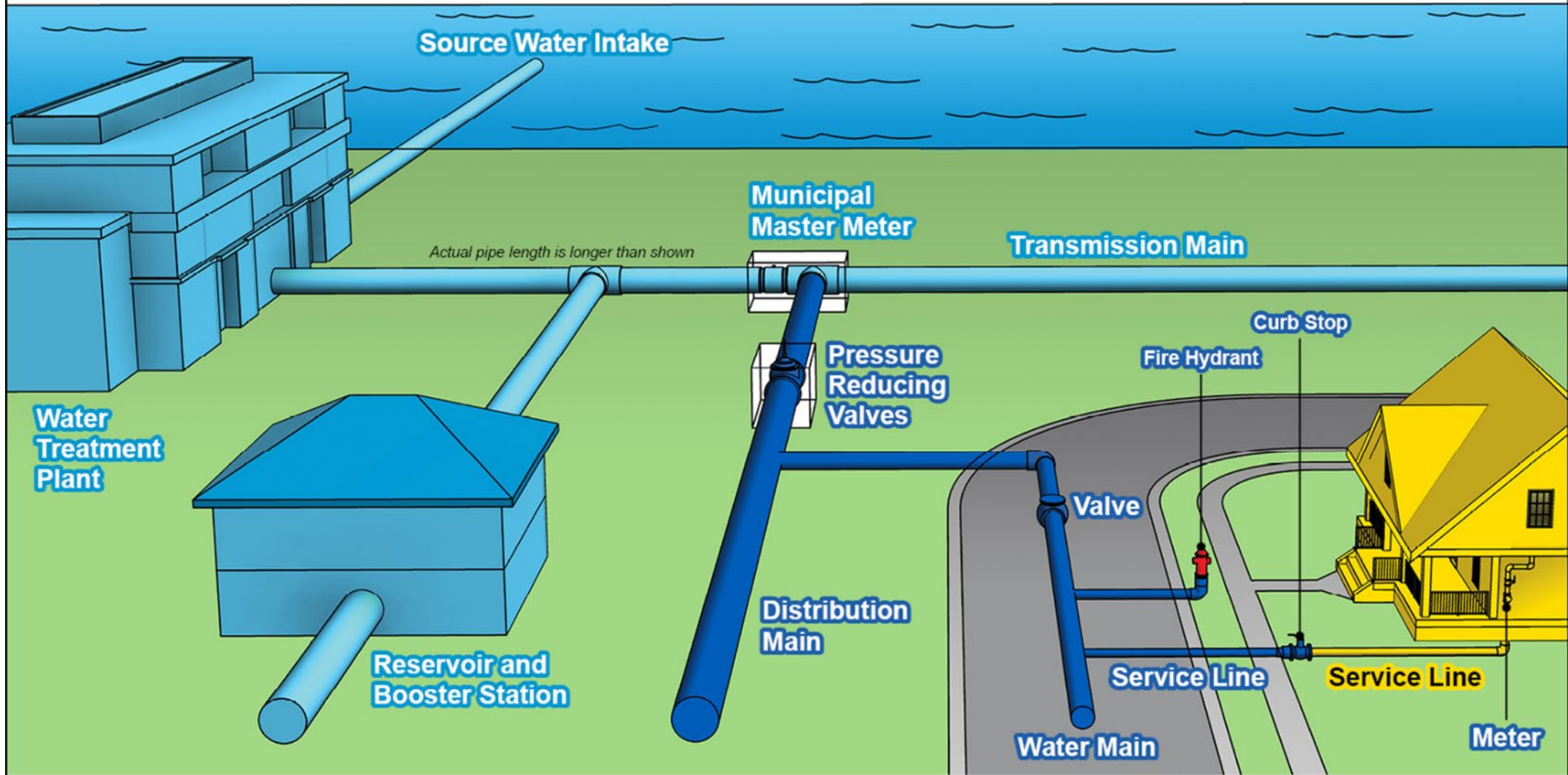
- Great Lakes Water Authority
- Municipality
- Property Owner



GLWA's Corrosion Control Program

- ◆ Optimal dosing study conducted in the 1990's
- ◆ Requires maintaining pH levels and orthophosphate dosage at treatment plant tap

Our water system is a shared responsibility.



- Great Lakes Water Authority
- Municipality
- Property Owner

What is Changing?

- ◆ Ranges established for all supplies with OCCT.
- ◆ OWQP Designation letters sent from EGLE on June 15, 2022.
- ◆ GLWA cohosted a workshop with EGLE and Member Partners on June 27, 2022
- ◆ Are required to be established at each POE and in the Distribution system.
- ◆ Treatment Technique violation if any ten days, within six months, have daily values outside of the ranges or below minimum values.

Member Partner Optimal Water Quality Parameters

	Goal @ POE and 2 points in distribution system
pH	<u>≥</u> 7.0
Orthophosphate Residual	<u>≥</u> 0.9 mg/L as PO ₄

OWQP Sampling

Exceedance Recommendations

- Address readings outside ranges or below minimum values *quickly*
- Follow up quickly (same day if possible)

Corrective Actions

- Flushing as necessary at the tap, through the main or section of distribution system

Treatment Technique violation if any ten days within six months have daily values outside of the ranges or below minimum values.

GLWA Support

- ◆ GLWA can provide sampling support for member partners when an exceedance is triggered at a single site or multiple sites.
- ◆ GLWA will notify the community when samples are outside the established limits ASAP.
- ◆ Communities will provide remediation at each site out of compliance.
- ◆ Additional support will incur additional costs (sampling and FTE)



Corrosion Control Optimization Study Update

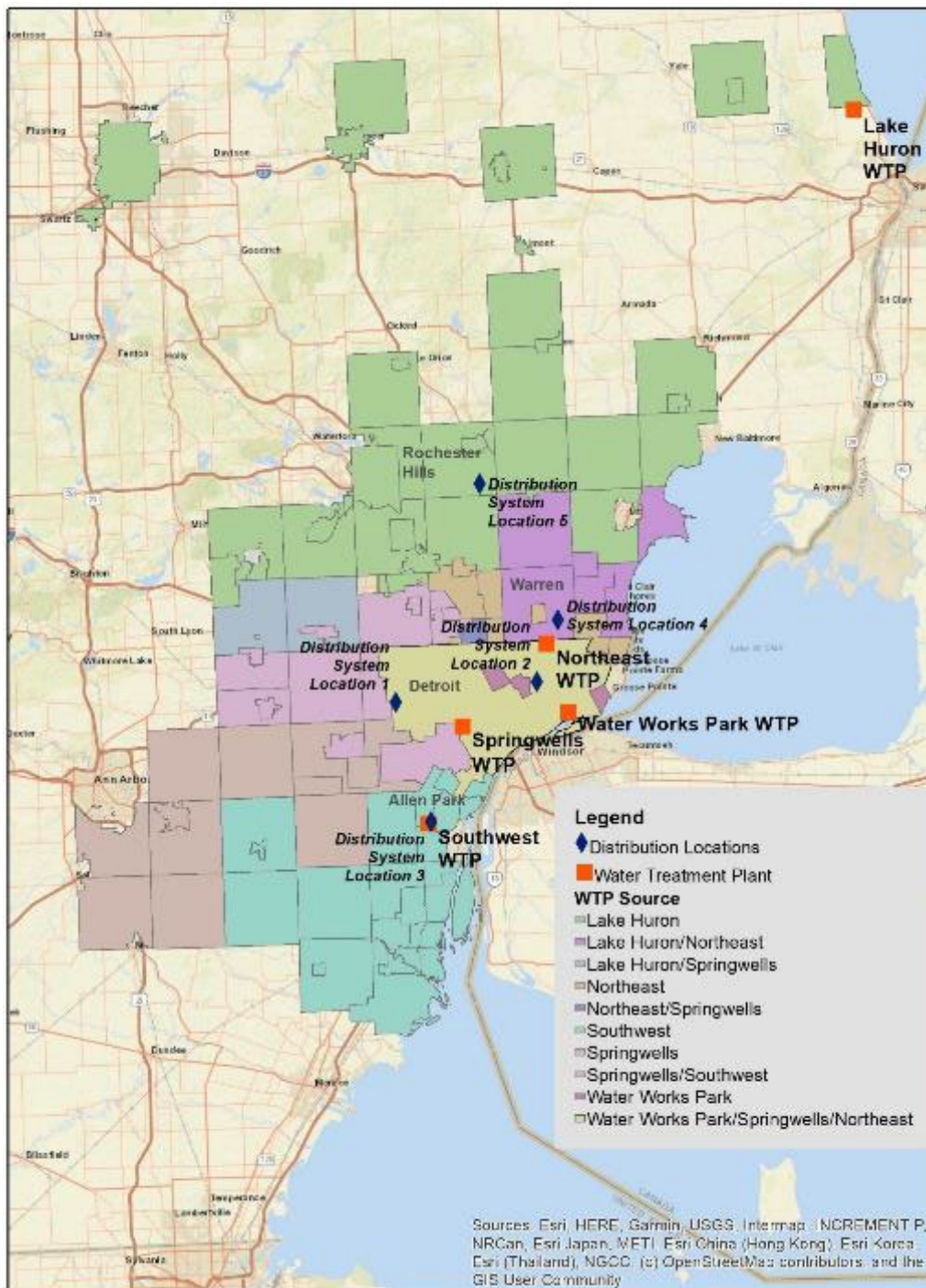
10 Pipe Rig Locations

Water Treatment Plants

- Water Works Park WTP
- Lake Huron WTP
- Springwells WTP
- Southwest WTP
- Northeast WTP

Distribution Locations

- Allen Park
- Detroit (CSF)
- Detroit (West Yard)
- Rochester Hills
- Warren



Pipe Test Materials

Harvested and New



Lead and Galvanized Service Lines



Copper with Lead Solder



Brass Alloy



Copper Pipe

Water Treatment Plant Rigs



Lake Huron WTP



Southwest WTP



Northeast WTP



Springwells WTP



Water Works Park WTP

Corrosion Control Study Timeline

March 2022

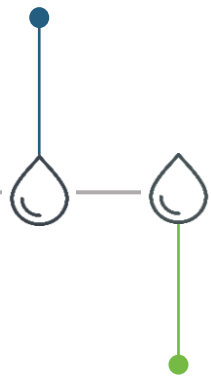
Complete Remaining Rig
Fabrication and Installation

April 2022

Begin Conditioning

Aug –Dec. 2023

Final Report and
Recommendations




Determine CCT Strategies
for Test Conditions

Begin Testing
November 2022

AWWA Regional Membership

AWWA Regional Membership


- ◆ Member Partners are eligible for Utility Membership
- ◆ Member Partner employees are eligible for Individual Membership
- ◆ Learn more at awwa.org/GLWA
- ◆ Current Status
 - ◆ 686 Individuals enrolled to date
 - ◆ 53% of total enrollment potential
 - ◆ Membership valid through 6/30/2023



Boost Your Water Career With Help from AWWA


The **Great Lakes Water Authority** has partnered with AWWA to offer **FREE** membership to employees of all GLWA member utilities, through June 2023.

Join AWWA today, for FREE!
awwa.org/GLWA




Earn CECs

Earn Continuing Education Credits for Michigan Section and selected AWWA courses, trainings, and other learning experiences. Credits count toward earning or renewing your license. Also, the Section and AWWA offer a broad range of online and in-person education & training, which members can access at a discount.



Join Our Community

You'll automatically become a member of AWWA's highly engaged and active Michigan Section. Get Michigan water news through the Section newsletter, Michigan Water Works News. Meet local peers and mentors at in-person and online events. Attend sessions focused on Michigan water issues.



Stay Current

Joining AWWA via GLWA gives you FREE access to all AWWA Standards. You'll also get free subscriptions to AWWA magazines: *Journal AWWA*, *Opflow* and *AWWA Water Science*. Plus, you'll receive special legislative and regulatory updates, and discounts on all AWWA and Michigan Section conferences.

AWWA Public Education Toolkits

Communications Toolkits – an opportunity for common messaging.

