



## Regulatory Changes regarding Water Quality Parameters

July 27, 2022 | Cheryl Porter, COO Water & Field Services

# Federal Lead and Copper Rule Compliance



## GLWA's Corrosion Control Program

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

# What is Changing?

# Optimal Water Quality Parameter Ranges

- Ranges will now be 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	$\geq 7.0$
Orthophosphate Residual	$\geq 0.9$ mg/L as $\text{PO}_4$

# 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 will 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)

