

### Protect Public Health and Avoid Costly Penalties: Stay Ahead of the Curve with Markey Water Services

We are your trusted partner in navigating the ever-tightening regulations surrounding lead and copper regulations. With over 30 years of experience, we offer comprehensive solutions, from conducting thorough site assessments and precise contaminant measurements to designing and implementing cutting-edge remediation strategies. We can help ensure that your operations stay compliant with the ever-changing regulatory landscape, safeguarding the communities you serve. Partner with us to stay ahead of the curve and ensure a safe and sustainable future.

### What you need to know about the USEPA Lead and Copper Rule



- Beginning in 2024, Pennsylvania water systems will be subject to enhanced compliance monitoring requirements.
- Water providers must inventory the composition of their entire distribution network and submit this inventory to PADEP by October 16, 2024

### What does this mean for water system operators?



- While the installation of new lead service lines has been banned in many jurisdictions for decades, legacy lead pipes remain in service in communities throughout Pennsylvania, big and small.
- On November 30, 2023 EPA released their proposed Lead and Copper Rule Improvements which would require water system operators to replace a minimum of 10% of lead service lines annually until all are replaced.

### Health effects of lead exposure



#### Key health effects associated with lead exposure include, but are not limited to:

1. **Neurological Impacts:** Lead exposure has been linked to cognitive impairments, especially in developing children.
2. **Cardiovascular Effects:** exposure to lead has been linked to adverse cardiovascular effects in adults. It can contribute to increased blood pressure and hypertension, increasing the risk of heart disease and stroke.
3. **Reproductive and Developmental Effects:** Lead can cross the placental barrier and affect fetal development. Lead exposure during pregnancy is associated with a higher risk of preterm birth, low birth weight, and developmental delays.