



## Water Supply Advisory Council

May 3, 2023



EGLE

## Statewide Advisory Council Updates

- ◆ Statewide Council has met 4 times since April
- ◆ Next upcoming meeting:
  - ◆ May 11<sup>th</sup> 9:30am-12:00pm
- ◆ State Council Materials Available on EGLE WSAC Webpage
  - ◆ [Statewide Drinking Water Advisory Council \(michigan.gov\)](http://michigan.gov)



## Statewide Advisory Council Updates

- ◆ On April 20<sup>th</sup> the Michigan Senate Voted to pass Senate Bills 88 & 89
  - ◆ Known as the “Filter First” Bills
- ◆ GUD Marketing Outreach
  - ◆ Research concluded
  - ◆ Educational Toolkit rollout currently underway



# Lead and Copper Tool Kit

[Lead and Copper Rule \(michigan.gov\)](https://www.michigan.gov)

[EGLE: Know Your Water Website \(Educational Materials\)](#)

# Communication and Outreach

Engage, educate,  
and motivate

## Outreach Channels



### Printed Collateral

- Posters (9)
- Flyer (1)
- Infographics (2)
- Step-by-steps (2)
- Magnet (1)



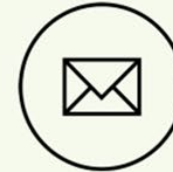
### Social Media

- Imagery (20)
- Post drafts (22)



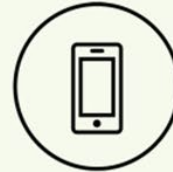
### Video

- Long-form (4)
- Bite-sized (6-8)



### Direct Mail/Outreach

- Bill stuffer (ALE)
- Door hanger (ALE)



### Phone

- Talking points (1)
- FAQ (3)



### Email

- E-newsletter image (1)
- E-newsletter draft (1)



### Earned Media/PR

- Best practices



### Website

- Landing page
- Partner toolkit page
- FAQ page



### Training Opportunities

- Conferences
- Webinars
- Workshops

# Educating using social media - Animation



# Public Awareness



57% of Michiganders believe lead in tap water is common in the state.



Residents primarily report that their water quality is good if the water looks, smells and tastes OK.



Only about half of people (49%) recall receiving water quality information in the past year

**Lead in tap water is a health risk you shouldn't ignore.**



Information provided by the Michigan Statewide Drinking Water Advisory Council.

CHILDREN AND PREGNANT PEOPLE ARE MOST AT RISK FROM LEAD EXPOSURE.

Young children under the age of 6 can develop problems with hearing and speech, learning, attention and behavior.

For more information, visit [Michigan.gov/KnowYourWater](https://Michigan.gov/KnowYourWater).

**Know your water.**

**You can't see, taste or smell lead in water, but you can **FILTER IT.****



SOME OF THE MOST COMMON SOURCES OF **LEAD** IN HOME TAP WATER ARE PIPES, FAUCETS AND FIXTURES.

Make sure the filter you choose meets NSF/ANSI Standard 53 for lead reduction and NSF/ANSI Standard 42 for particulate reduction (Class I).

For more tips on reducing lead in your water, scan the QR code or visit [Michigan.gov/KnowYourWater](https://Michigan.gov/KnowYourWater)

**Know your water.**



Information provided by the Michigan Statewide Drinking Water Advisory Council.

# Email and Newsletter

- Let's craft compelling content and eye-catching visuals that we can use as separate emails or incorporate into our current newsletter.
- Aim is to educate and empower our fellow Michiganders about the dangers of lead in tap water and provide them with actionable steps to mitigate the risks of exposure.

## Protect your household from lead in tap water.

If you have lead in your home tap water, it may be coming from a number of sources.

Below are steps you can take to lower your risk.

- Use a certified water filter to help reduce lead in your home tap water. Clean faucet screens, also known as aerators, at least every six months.
- Run water through your pipes if you have not used your water for several hours. You can turn a faucet on all the way, take a shower or run a load of laundry.
- Remove as many pipes, older faucets and other plumbing materials that may contain lead as soon as possible.
- Look for brass fixtures and faucets made before 2014; these may contain higher levels of lead than newer fixtures and faucets.
- If road construction or water system pipe repairs are taking place near your home, clean faucet screens every month and filter your home tap water daily until the work is done.
- Boiling water does **NOT** remove lead – it will concentrate it.

### Want more information?

If you have questions about lead in your home's tap water, contact your local water provider or local health department at XXX-XXX-XXXX or [email@website.com](mailto:email@website.com).

**Michigan.gov/KnowYourWater.**

**Know your water.**

FPO: Subscriber Information

# Corrosion Control Optimization Study Update



## GLWA's Corrosion Control Program

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

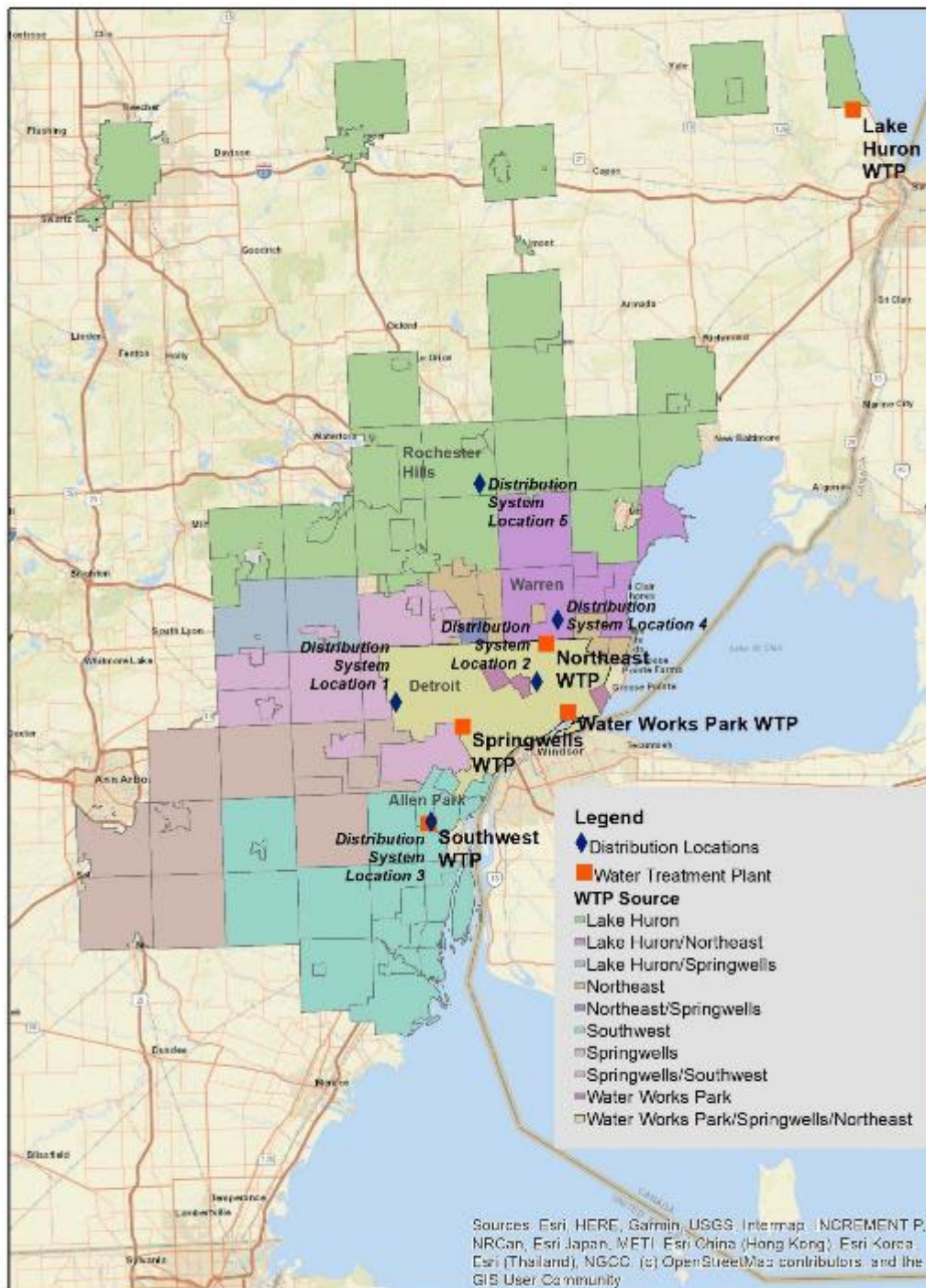
# 10 Pipe Rig Locations

## 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

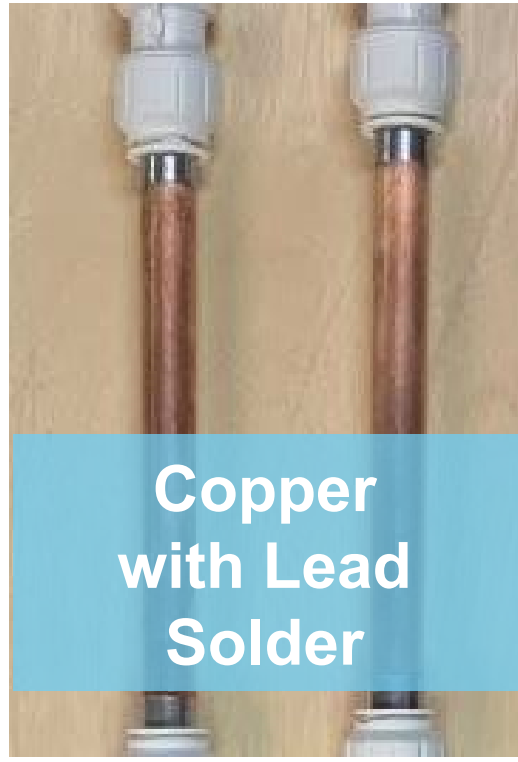


# Pipe Test Materials

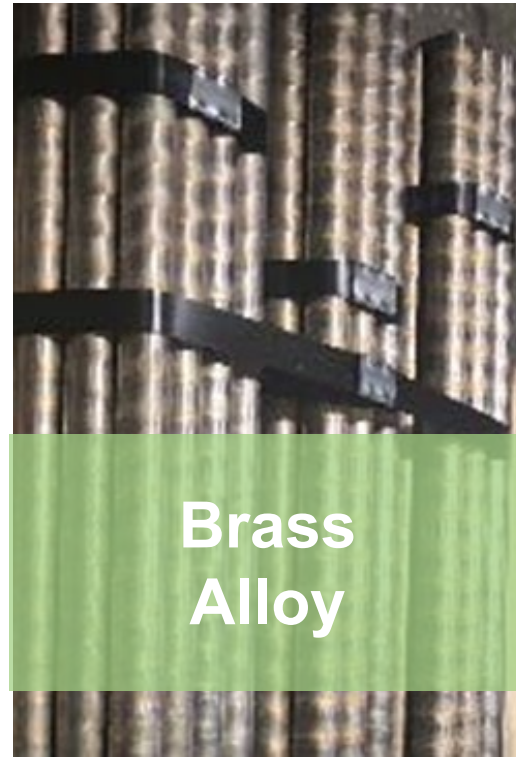
Harvested and New



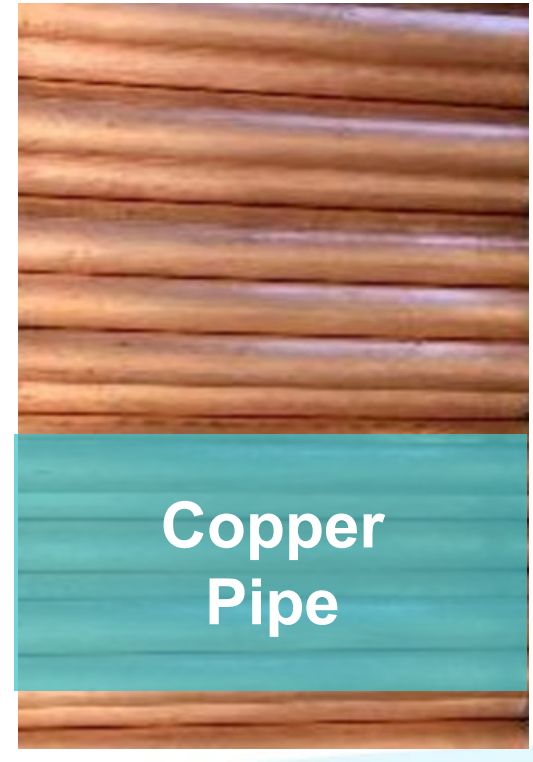
**Lead and Galvanized Service Lines**



**Copper with Lead Solder**



**Brass Alloy**



**Copper Pipe**

## Pipe Rig Layout



- Four rigs are installed at each site, labeled A-D
- Rig A is the control condition
- Rigs B-D test alternative conditions

# Corrosion Control Study Timeline

**March 2022**

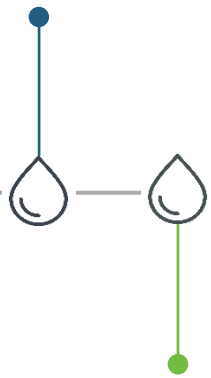
Complete Remaining Rig  
Fabrication and Installation

**April 2022**

Begin Conditioning

**Aug –Dec. 2023**

Final Report and  
Recommendations



Determine CCT Strategies  
for Test Conditions

Begin Testing

**November 2022**