EPA

Presentation 2 (1:30-2:00pm ET)

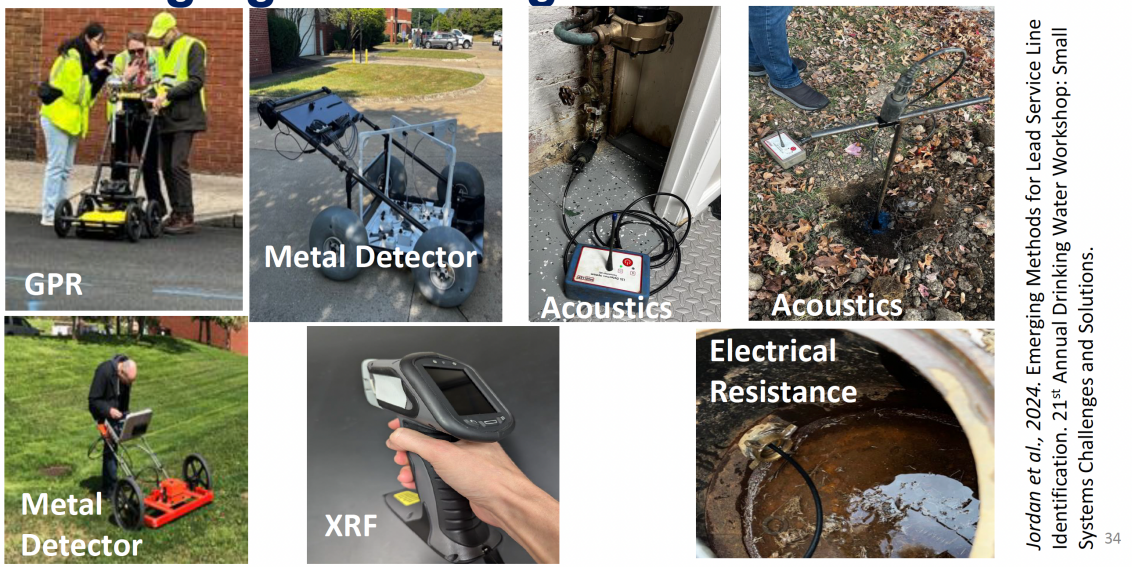
Technical Assistance Project on Lead Service Line Identification (LSLID)

In direct support of the Drinking Water State Revolving Fund (DWSRF) Emerging Contaminants funding authorized by Congress through the Infrastructure Investment and Jobs Act of 2021, P.L. 117-58, also known as the Bipartisan Infrastructure Law, EPA researchers will be providing small and/or disadvantaged communities with the technical support for identifying lead service lines. This presentation will discuss current ORD efforts, latest findings, and opportunities for collaboration on LSLID.

Simoni Triantafyllidou, EPA Office of Research and Development | triantafyllidou.simoni@epa.gov

Simoni is an environmental engineer with EPA's Office of Research and Development, Center for Environmental Solutions and Emergency Response, Water Infrastructure Division. Her research and technical support efforts revolve around aquatic chemistry, drinking water quality/treatment, corrosion science, inorganic contaminants and sustainable drinking water infrastructure (premise plumbing/distribution systems).

Emerging Technologies



Jordan et al., 2024. Emerging Methods for Lead Service Line Identification. 21st Annual Drinking Water Workshop: Small Systems Challenges and Solutions.

34

"The technologies that were contracted were able to identify that there is only essentially one that's currently available. That's electrical resistance technology."

"For some of the others that you see here like ground penetrating radar and acoustics haven't made it far enough to have a commercially available product. This is what some of these technologies look like on the slide here I'm showing you that no dig technology is the truly no dig ones."

Simoni Triantafyllidou, EPA Office of Research and Development,
triantafyllidou.simoni@epa.gov