



LSL Replacement Financing and Implementation

Presented by the NJ Water Association & Jersey Water Works collaborative.

Course Description

The New Jersey statute (P.L. 2021, c.183), enacted on July 22, 2021, requires a series of compliance deadlines for action by public water systems pursuant to the removal of all Lead Service Lines (LSLs) within 10 years. Water systems must now update their inventories and replace their lead service lines, both utility and customer-owned, by 2031. Planning, executing, and troubleshooting are all components of project management. The statute presents an aggressive timeline and a funding challenge for replacing customer-owned LSLs. In this course, learn about: **replacement costs; technical assistance; program outreach and communication; federal LCRR; and program implementation from expert consultants, state representatives, and peers.**

AGENDA: Wednesday May 24, 2023	
8:00 a.m.	SIGN - IN
8:30–9:00 a.m.	Costs of Service Line Investigation Methods and LSL Replacement <i>Sandy Kutzing, CDM Smith</i>
9:00–9:45 a.m.	Understanding Technical Assistance for Water Systems <i>Lee Clark and Diane Shrauth, New Jersey Future Alaina Ungarini, NJDEP</i>
9:45–10:00 a.m.	BREAK
10:00–10:30 a.m.	Lessons Learned about LSL Replacement Program Outreach and Communication <i>Rina Dalal, CDM Smith Amy Goldsmith, Clean Water Action</i>
10:30–11:00 a.m.	Federal LCRR Requirement <i>Kristin Epstein, CDM Smith</i>
11:00–11:30 a.m.	COMPLIMENTARY LUNCH
11:30 a.m. - 1:00 pm	LSL Replacement Program Implementation Panel: Kareem Adeem, Newark Water and Sewer Utilities Jan Chwiedosiuk, PE, Middlesex Water Company, Stephen Marks, PP, AICP, CFM, LEED GA Town of Kearny Alexandra, Wells, Passaic Valley Water Commission.

Accredited by the New Jersey Water Association:

3.5 TCH for NJ-Licensed Water Operators. TCH#: 04-052301-10
3.5 Credits for NJ-Certified Public Works Managers (1.0 Tech., 2.5 Mgt.) #DLGS-NJWA-247.
3.5 PDH for NJ Professional Engineers.

Date and Location:

May 24, 2023 – Hightstown Fire Station, 140 North Main Street, Hightstown (Mercer County).
Please park behind the building. Access to the building is through the front door. Steps and elevator are available.

Pre-registration is required and available at www.njwater.org.
Please plan to arrive at 8:00 am.

Presenters:

Costs of Service Line Investigation Methods and LSL Replacement

Description: This presentation will cover information for considerations when Costing Lead Service Line Identification and Replacement for lead service line replacement programs.



Sandra Kutzing, PE
Vice President/Lead and Copper Strategy Leader, CDM Smith, New Jersey
Sandra Kutzing is a professional engineer and Vice President at CDM Smith in New Jersey with 20 years of experience in drinking water. She has a B.S. from the University of Illinois and an M.S. from the University of Washington. Ms. Kutzing is CDM Smith’s Lead and Copper Strategy leader, assisting utilities with meeting the Lead and Copper Rule and developing lead service line replacement programs.

Understanding Technical Assistance for Water Systems

*Description: This panel presentation provides an overview of **NJDEP’S Technical Assistance Program (NJTAP)** and New Jersey Future’s **Funding Navigator Program**. Both programs will provide technical assistance to help water systems and municipalities—particularly those serving overburdened communities. Moderator: Diane Schrauth*



Alaina Ungarini
Planning and Program Coordination Section, Bureau of Water System Engineering
New Jersey Department of Environmental Protection
Alaina Ungarini is an Environmental Specialist in the Bureau of Water System Engineering. She started her career at the New Jersey Department of Environmental Protection (NJDEP) in 2017, after graduating from Lafayette College in Easton, PA with a degree in environmental studies, and government and law.



Lee Clark
Local Assistance Outreach Manager, New Jersey Future
Lee Clark is responsible for growing and managing the Local Assistance Impact Area and collaborating with the Funding Navigator Program. His main focuses are engaging New Jersey’s under-resourced water utilities serving overburdened

communities, working with municipal officials and stakeholders, and managing agreement negotiations and closings. Lee also holds a Certificate in Board Leadership & Governance through the Diverse Force Program from the University of Pennsylvania.



Diane Schrauth
Policy Director, Water, New Jersey Future

Diane manages program staff responsible for New Jersey Future’s Mainstreaming Green Infrastructure program, stormwater utilities, lead in drinking water policy, and general water policy. Diane plays a leadership role in policy development and advocacy, provides technical assistance, and works to advance program goals. She holds a B.A. in anthropology and geology from Vanderbilt University, as well as a Master of Regional Planning with a concentration in land use and environmental planning from the University of North Carolina at Chapel Hill.

Lessons Learned about LSL Replacement Program Outreach and Communication

Description: This presentation will cover challenges and best practices from lessons learned from program communication and outreach for lead Service Line replacement programs in partnership with CDM Smith and Clean Water Action—New Jersey.



Rina Dalal
Environmental Engineer, CDM Smith

Rina Dalal has 15 years of experience in environmental engineering consulting. She has worked alongside utilities and municipalities in NJ and throughout the east coast to develop public education and participation programs for key water infrastructure improvement projects including lead service line replacement programs and long-term control plans for combined sewer overflow projects. She holds dual degrees in environmental engineering and sustainable management and is skilled in communicating both technical and non-technical information to wide audiences.



Amy Goldsmith
State Director, Clean Water Action New Jersey

Amy oversees all of the New Jersey programs for Clean Water Action and Clean Water Fund. She also serves on the Board of the NJ Work Environment Council, the Sewage Free Streets Advisory Council, and chairs the Coalition for Healthy Ports, as well as serving as an appointee to the NJDEP Clean Water Council. She has a B.S. in Land Use Planning from the University of Minnesota.

Federal LCRR Requirements

Description: This presentation will the updates to the Federal Lead and Copper Rule Regulations including: changes in compliance sample locations and number of locations, new 10 ppb trigger level, post-disturbance/post-replacement activities (education materials, filters, samples), disturbance activities, school and childcare sampling, and annual letters regarding unknowns.



Kristin Epstein, P.E.

Project Manager, Northeastern U.S. LCR Compliance Coordinator, CDM Smith

Ms. Epstein has 10 years of experience in environmental engineering plus four years of experience in the drinking water industry as Assistant Director of Trenton Water Works. Her diverse background includes leading the Trenton Water Works Lead Service Line Inventory and Replacement Program in New Jersey. Ms. Epstein received her undergraduate and master's degrees in environmental engineering from Princeton University and Johns Hopkins University, respectively.

Panel: LSL Replacement Program Implementation Panel

Description: Learn about the replacement of customer-owned Lead Service Lines from peers of the Town of Kearny, Middlesex Water Company, Passaic Valley Water Commission and Department of Water and Sewer Utilities, City of Newark. The presentations will be followed by a hybrid Q&A where attendees will have the opportunity to ask questions.



Michael Furrey

President, Agra Environmental and Laboratory Services

Michael Furrey is the President of Agra Environmental and Laboratory Services, a company specializing in laboratory services and consultation to the water and wastewater industry. He holds a T-4 License, W-3 License, and aquatic pesticide applicator license for NJ, and the former chair for NJAWWA. He holds a B.S. in Chemistry from Cook College, Rutgers University. He is also an adjunct Professor at Rutgers University



Stephen D Marks

Town Administrator, Town of Kearny

Stephen D. Marks was appointed as the Town Administrator for the Town of Kearny in February 2020. During his tenure in Kearny, Stephen drafted the Town's Master Plan which was approved by the municipal Planning Board in January 2022. He is currently working on updating the Town's zoning ordinance. He also oversees the Town's \$9 million water utility and lead service line replacement program, as well as the Town's Affordable Housing Program which is responsible for rehabilitating 186 dwelling units.



Jan Chwiedosiuk, PE

Director of Distribution, Middlesex Water Company

Mr. Chwiedosiuk is the Director of Distribution for Middlesex Water Company, a publicly traded investor-owned water and wastewater utility company, primarily serving New Jersey and Delaware, where he oversees over 700 miles of transmission and distribution pipelines ranging in diameter from 6-inches through 60-inches. Mr. Chwiedosiuk has both a B.S. and M.S in Civil Engineering from the New Jersey Institute of Technology. Additionally, he is a New Jersey licensed Professional Engineer and a W-4/C-2 Licensed Operator.



Alexandra Wells, PE

Supervising Engineer at Passaic Valley Water Commission



Kareem Adeem

Director Department of Water and Sewer Utilities, City of Newark

Since 1991, Mr. Adeem has served in various capacities in the City of Newark's Department of Water and Sewer, rising to the position of Director in February

2020. Mr. Adeem holds a bachelor's degree in construction management from Thomas Edison College and received a Certified Public Manager certification (2015) and a Public Works Manager certification (2018) from Rutgers University. He also holds a water and wastewater operators' license.