CITY OF HOLLYWOOD SERVICE LINE MATERIAL INVENTORY/ LEAD SERVICE LINE REPLACEMENT
(LEAD AND COPPER RULE REVISIONS)

## Project Scope

The City of Hollywood (City), located in Broward County Florida, was founded in 1925, covers approximately 30 square miles and it has a population of approximately 150,000 residents. The City provides retail water service to residents of the City of Hollywood and small portions of the Town of Davie, the City of Dania Beach, and the Seminole Tribe of Florida reservation through approximately 700 miles of water main pipe ranging from 2-inch to 36-inch diameter. Additionally, the City provides wholesale potable water service to Broward County through pipelines that serve the County's retail water customers located in its Districts 3A and 3B/C.

The City's water public system consists of wellfields, a water treatment plant as well as a distribution system, which is regulated under the Federal Safe Drinking Water Act (SDWA). The SDWA established protective drinking water standards for more than 90 contaminants, including lead and copper. Lead and copper enter drinking water primarily through plumbing materials. Exposure to lead and copper may cause health problems ranging from stomach distress to brain damage. The Environmental Protection Agency (EPA) revised the existing Lead and Copper Rule (LCRR) in 2021, to enhance implementation in the areas of monitoring, treatment, customer awareness, and lead service line replacement. One requirement under the LCRR is for utilities to develop a service line inventory (SLI) that documents the service line material on both the utility- and customer-owned portions for all water service lines in the system and submit it to the State on or before October 16, 2024.

The City has procured engineering consulting services to develop a comprehensive SLI. General contractor services are being procured. Activities to be performed as part of this project include, but are not limited to: (1)desktop review of existing service line material historical data, (2) development of GIS survey tool and dashboard to gather, store, analyze and display service line material historical data and field verification data; (3) conduct strategic field investigations to reduce unknowns and determine the suitability of a predictive model, (3) predictive modeling (or statistical analysis, where predictive modeling is not feasible), and (4) development of the SLI and associated public facing web application by the October 16, 2024 deadline as required by the EPA. After finalizing the SLI, the City will prepare a service line replacement plan and will start a replacement program if required by SLI results in accordance with LCRR.