

Town of Medley, Florida Approves SWORDFISH Project for Lead Water Service Pipe Detection





FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

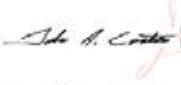
Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Memorandum

To: Division of Water Resource Management Drinking Water Program
Regulatory District Directors
District Compliance Assurance Programs
ACHD Drinking Water Drinking Water Programs
Interested Parties

From: John A. Coates, Director  Digitally signed by John A. Coates
Division of Water Resource Management
Date: 2024.01.12 12:15:42 -05'00'

Subject: Guidance for Service Line Inventory and Compliance Requirements, in Accordance with Subpart I of Title 40 CFR Part 141, Control of Lead and Copper, for Community and Non-Transient, Non-Community Public Water Systems in Florida

Date: January 12, 2024

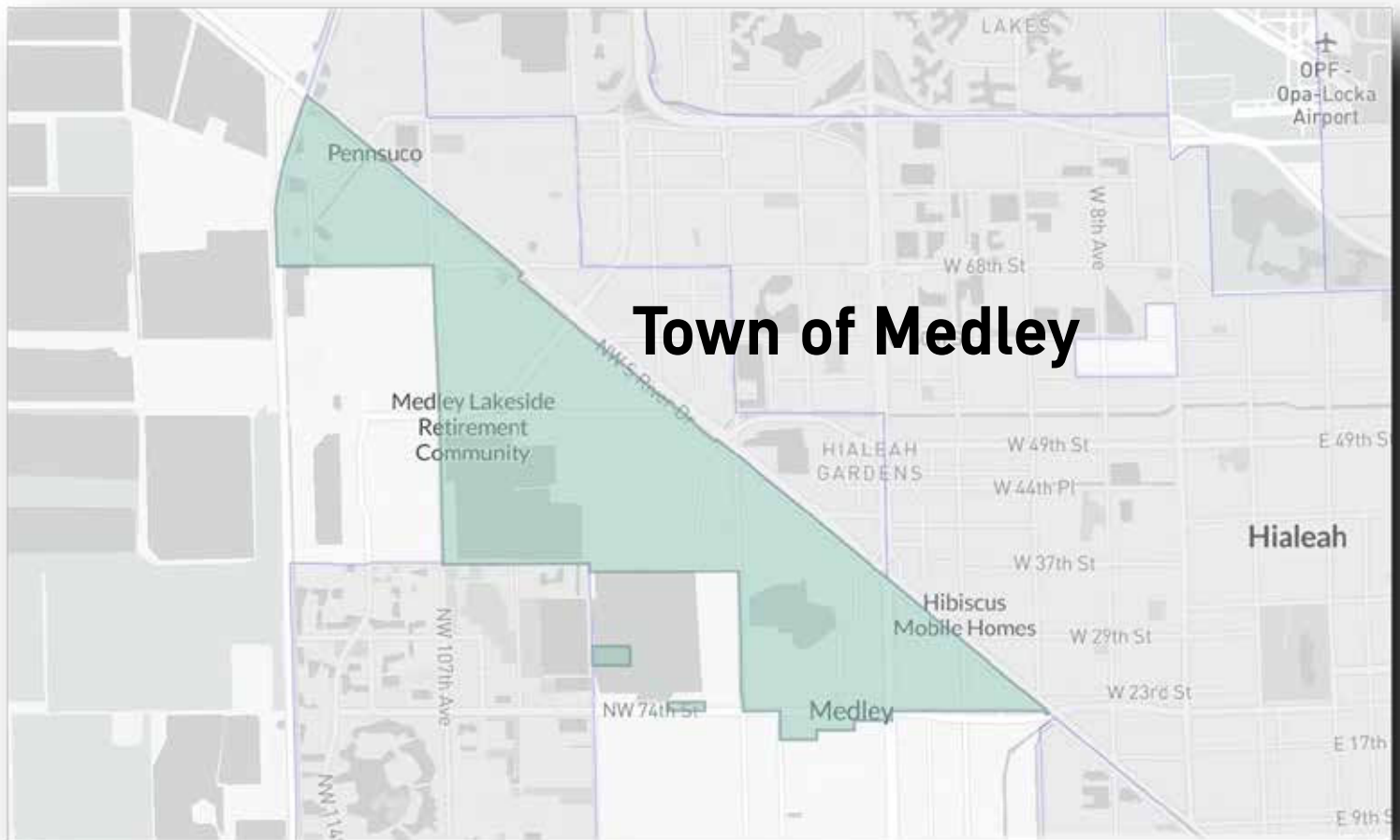
Selected Emerging Technologies

EPA's SLI Guidance also discusses a variety of emerging technologies that can reliably evaluate the physical properties of the service line in order to indicate what materials were or were not used for the line's construction. For example, the SLI Guidance discusses the use of ground-penetrating radar (GPR) as an emerging technology where it can be used to determine the pipe diameter. The Department also approves the usage of insertion probes or similar technology devices as a tool to determine properties such as the electrical resistance of the service line material. The Department recommends that each utility conduct its own cost and/or risk analysis on any emerging technology it considers for usage.

SOURCE:

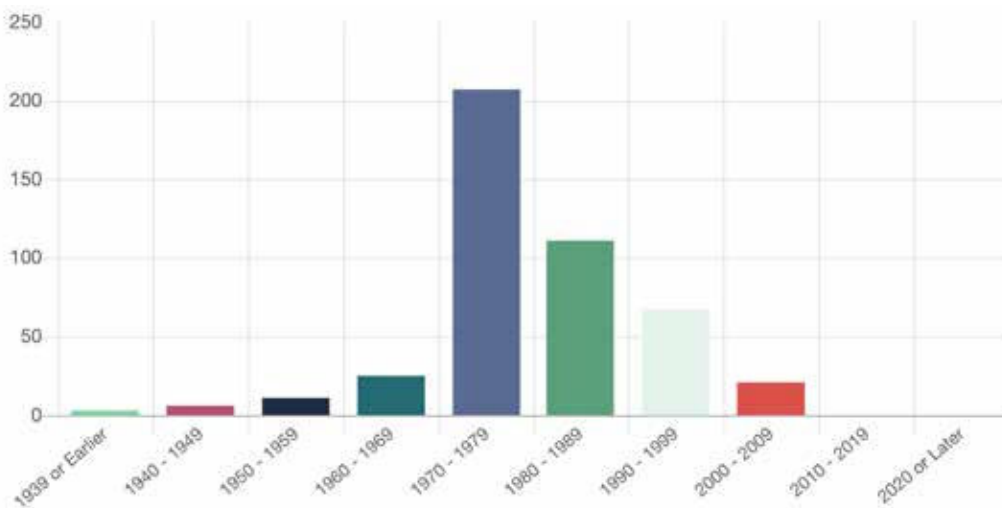
Attachment A

Reference for Additional Approved Methods for Identification of Service Line Materials, January 24, 2024.



Town of Medley, Florida Home Construction By Decade

Housing Units	451
Median Year Built	1979
Built in 1939 or Earlier	3
Built between 1940 and 1949	6
Built between 1950 and 1959	11
Built between 1960 and 1969	25
Built between 1970 and 1979	207
Built between 1980 and 1989	111
Built between 1990 and 1999	67
Built between 2000 and 2009	21



<https://www.point2homes.com/US/Neighborhood/FL/Medley-Demographics.html>

Home Buyer's Protection Program



"What Every Home Buyer Needs to Know About Their Drinking Water Pipes, Before They Buy."

Why It Matters?



- Lead exposure has **NO** safe levels. Harmful to Pregnant Women, Causes Learning Disorders, Early Alzheimers, and Death.
- Many homes built before 1986 contain hazardous service lines, including lead pipes, lead soldered joints, & fittings.
- Replacing a water service line can cost \$5,000–\$30,000, or more.
- Sellers are not required to disclose drinking water pipe material(s).
- Water utilities have not properly inspected their own water pipes, and never on the homeowner's property.
- Utilities may take 10 years or more to replace thier portion of lead pipes.

It's Not Just About What Kind of Pipe Material is on the Outside of a Pipe. It's About What's Inside Your Pipe, Too.



LEAD



COPPER



GALVANIZED



PLASTIC



electroscan #1 Buyer Liability: Unknown Water Service Line Materials

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