

OONEE COUNTY SERVICE LINE INVENTORY

Town Hall
Oconee County, Georgia
October 8, 2024



Presented by Marilyn Hall, Hall Consulting, Inc.





AGENDA

- Oconee County Water System
- Drinking Water Quality in Oconee County
- Service Lines and the Inventory
- Service Lines in Schools
- Q and A

OCONEE COUNTY WATER DEPARTMENT

- ~3 Million Gallons/Day
- Serving 33,000 People
- Bear Creek WTP
- Meets or Exceeds Water Quality Standards



DRINKING WATER IS REGULATED BY THE US EPA



Safe Drinking Water Act

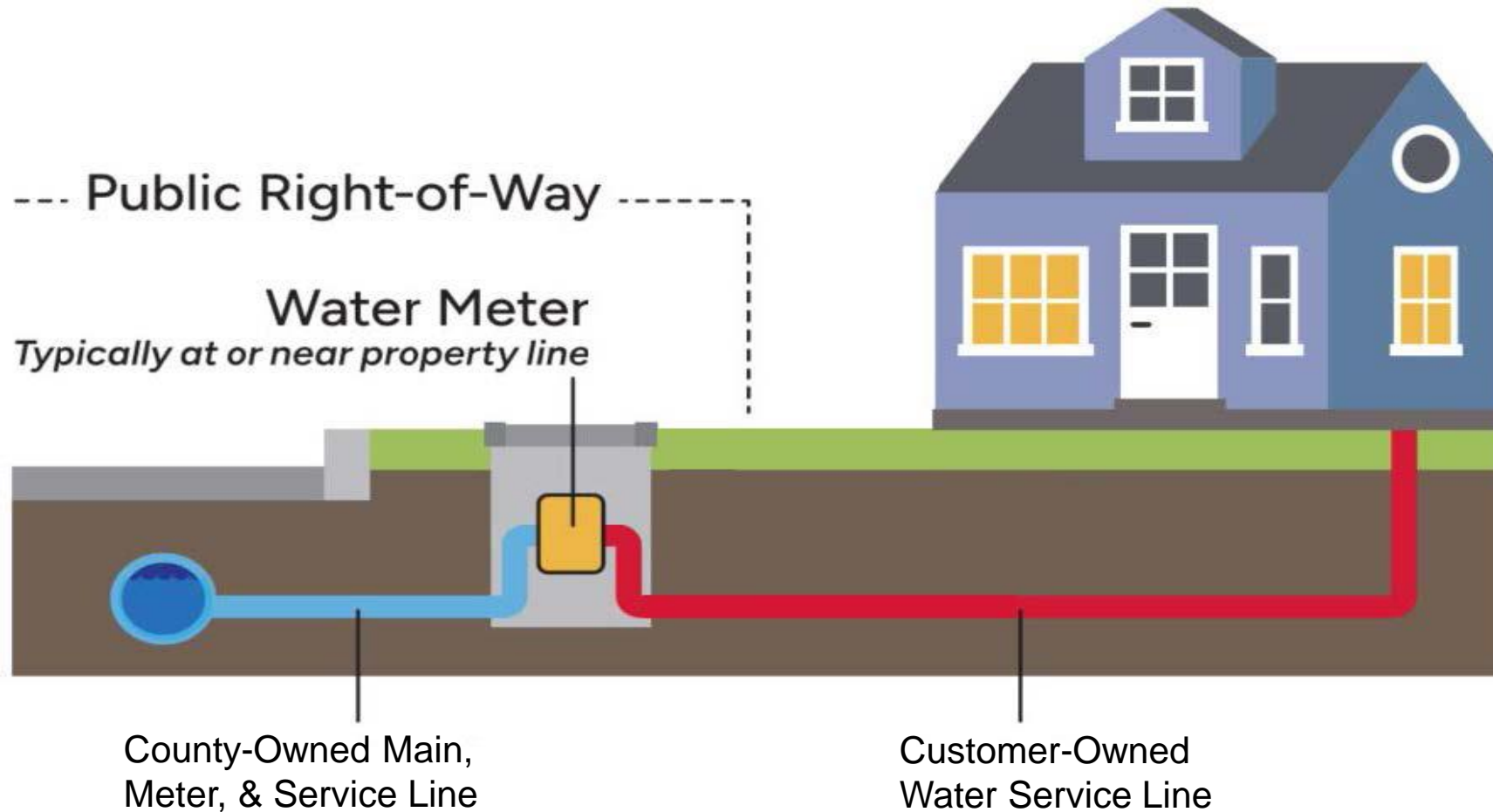


LEAD AND COPPER RULE IMPROVEMENTS

Purpose: Reduce exposure to lead in drinking water by requiring water systems to replace all lead service lines within a set timeframe, increase public transparency regarding lead levels, and improve public education efforts.

First step was to develop a Service Line Inventory.

Oconee County's Service Line Inventory Project found no lead service lines in the water system.



WHAT IS A SERVICE LINE?



SERVICE LINE INVENTORY (SLI)

Required by all public water providers in the country.

Categorizes service line material

- Lead
- Non-lead
- Galvanized Requiring Replacement



TYPICAL SERVICE LINE & PIPE MATERIALS IN THE US

Copper

The color of a penny. Older pipes may have a green or brown tarnish.
A magnet will **not** cling to copper pipes.



Galvanized

A dull, silver-gray color. A magnet will typically cling to galvanized pipes.



Plastic

Rigid (PVC) or flexible (PEX) pipe, colors vary.
May be white, gray, blue, or red.
A magnet will **not** cling to plastic pipes.



Lead - Needs to be replaced

A dull, silver-gray color. Soft surface that is easily scratched, revealing a bright silver color. A magnet will **not** cling to lead pipes.



**NO LEAD SERVICE LINES HAVE BEEN FOUND
IN THE OCONEE WATER SYSTEM**



PRELIMINARY SLI INVENTORY - METHODOLOGY

Identify buildings built
before 1990



Review timeline of plumbing
code updates for the County &
other relevant sources

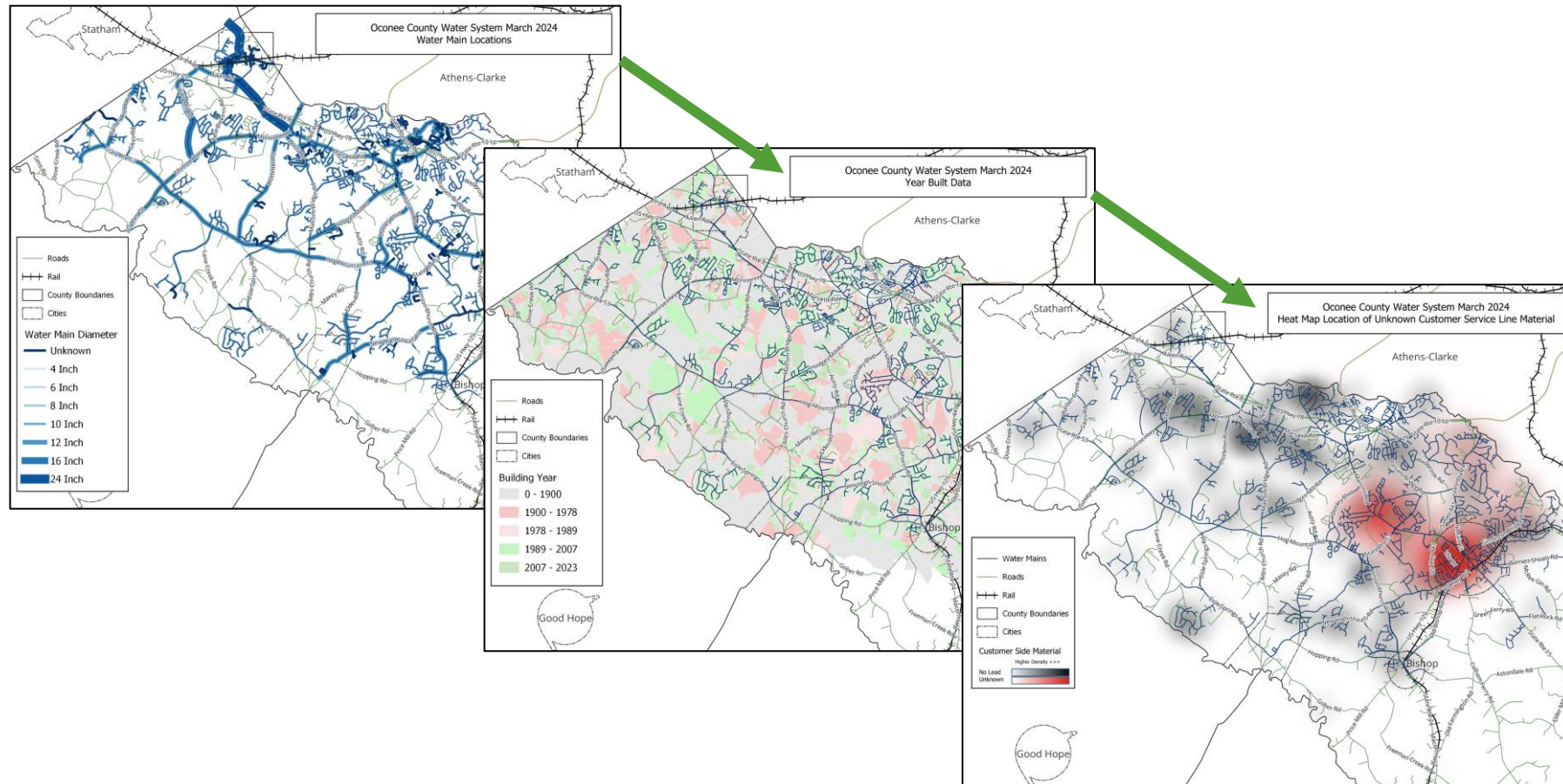


Gather and review
available data



Interview Plumbers and Utility
Staff

GEOSPATIAL ANALYSIS





SERVICE LINE INVENTORY REFINEMENT







SERVICE LINE INVENTORY RESULTS

**Service Line
Inventory found no
lead service lines
in the water
system.**

A young girl with pigtails is smiling and holding a wooden sign that reads "NORTH'S FIRST DAY OF PRE-K 2020". She is standing in front of a brick house with a white door that has a decorative oval window. To the left of the girl is a brick wall and a potted plant. To the right of the girl are two metal cups on a small table. The entire image is dimmed with a dark overlay.

PROTECTING CHILDREN IN SCHOOLS AND DAYCARES

- Identify all schools and childcare facilities
- Identify Service Line Material
- Collecting water samples & testing
- Provide public education materials

SERVICE LINE MATERIALS IN PRIMARY & ELEMENTARY SCHOOLS

| Elementary Schools | Utility Side | School Side |
|--------------------------|--------------|--------------|
| Colham Ferry | Ductile Iron | Ductile Iron |
| Dove Creek | Ductile Iron | Ductile Iron |
| High Shoals | Ductile Iron | Ductile Iron |
| Malcom Bridge | Ductile Iron | Ductile Iron |
| Oconee County Elementary | Poly | PVC |
| Oconee County Primary | Ductile Iron | Ductile Iron |
| Rocky Branch | Ductile Iron | Ductile Iron |

SERVICE LINE MATERIALS IN SECONDARY SCHOOLS

| Middle and High Schools | Utility Side | School Side |
|-------------------------|--------------|--------------|
| Dove Creek Middle | Ductile Iron | Ductile Iron |
| Malcom Bridge Middle | Ductile Iron | PVC |
| North Oconee High | Ductile Iron | Ductile Iron |
| Oconee County High | Poly | Ductile Iron |
| Oconee County Middle | Poly | PVC |

SERVICE LINE MATERIALS IN OUR PRE-K & PRIVATE SCHOOLS

| School | Utility Side | School Side |
|---|---------------------|---------------------|
| Appletree Prep Bogart | Non-lead | Non-lead |
| Appletree Prep Watkinsville | Non-lead | Non-lead |
| Big Blue Marble | Non-lead | Non-lead |
| Downs Preschool | Non-lead | Non-lead |
| Oconee Preschool Academy (Mars Hill) | Non-lead | Non-lead |
| Oconee Preschool Academy (Greensboro Road) | Non-lead | Non-lead |
| Peach State Academy | Poly | PVC |
| | | |
| Athens Academy | Ductile Iron | Ductile Iron |
| Prince Avenue Christian | Ductile Iron | Ductile Iron |
| Westminster Christian* | Ductile Iron/copper | Ductile Iron/copper |

*Westminster Christian's school side SLI material classification is based on Construction Plans. Oconee County Staff will revisit this facility to verify.

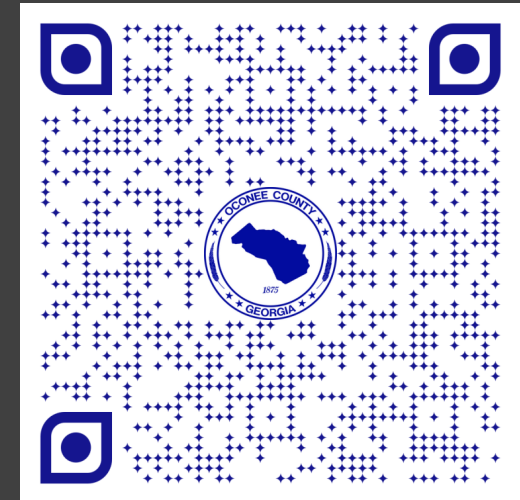
DRINKING WATER TREATMENT

An aerial photograph of a drinking water treatment plant. The facility is situated in a green, wooded area. It features several large, circular, light-colored storage tanks in the center. To the right of these tanks are two large, rectangular, dark-colored filtration or settling basins. Various pipes, roads, and smaller buildings are visible throughout the site. The overall layout is organized and functional.



COMMUNICATIONS WITH WATER CUSTOMERS

- Individual notification of exceedances
- Notification of customers who may be impacted
- Additional notifications
- Website and online portal



<https://www.oconeecounty.com/SLInventory>

ONLINE PORTAL

About this Program

We are committed to providing safe drinking water to our residents and businesses. Oconee County has launched a community-wide project to identify what every service line (i.e., pipe that brings water to your home) in our system is made of. Lines can be made of lead, plastic, brass, steel or iron. Lead pipes are the primary source of lead in drinking water. Identifying any lead service lines is critical to removing this source of lead from our community.

About this Resource

The resources have been made available by Oconee County and its commitment to safe drinking water. Please [contact 120Water](#) for any questions

Disclaimer

The information provided by 120Water and Oconee County shall be used for the purpose of providing property owners and residents information regarding their water services. The data is not for commercial, legal, or other use.

120Water and Oconee County cannot guarantee the accuracy of these maps and is not liable for damages of any kind, including but not limited to lost business, lost profits, business interruption, data loss, or other loss that might arise from using this mapping resource and information. 120Water and Oconee County reserves the right to update or terminate the display of these maps and records at any time.

Can't find your address? Contact Adam Layfield, Director of Water Resources: alayfield@oconee.ga.us

FOR MORE INFORMATION

<https://www.oconeecounty.com/SLInventory>

