

OCONEE 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.

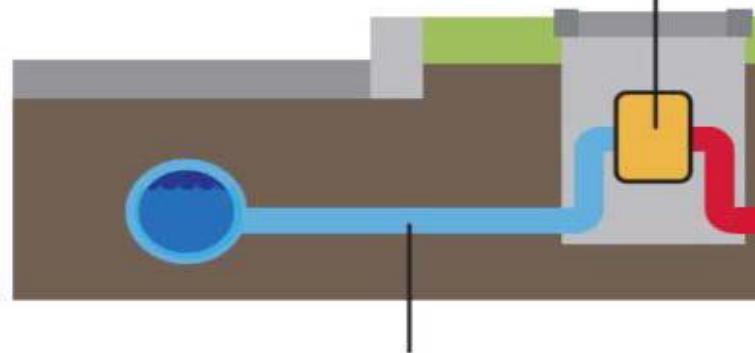
First step was to develop a Service Line Inventory.

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

--- Public Right-of-Way -----

Water Meter

Typically at or near property line



County-Owned Main,
Meter, & Service Line

Customer-Owned
Water Service Line



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.



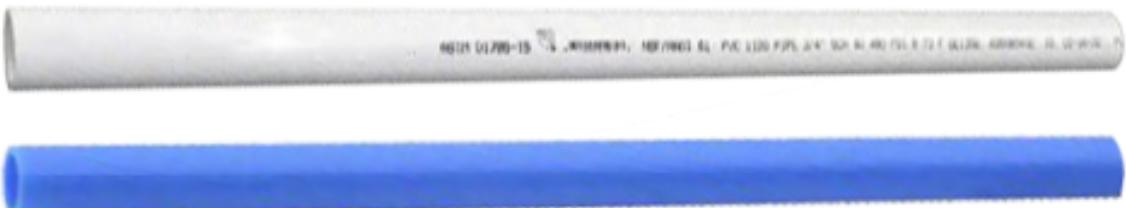
Galvanized

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.

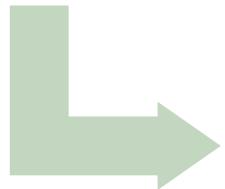


**NO LEAD SERVICE LINES HAVE BEEN FOUND
IN THE OCONEE WATER SYSTEM**

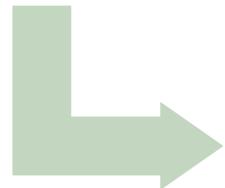


PRELIMINARY SLI INVENTORY - METHODOLOGY

Identify buildings built
before 1990



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

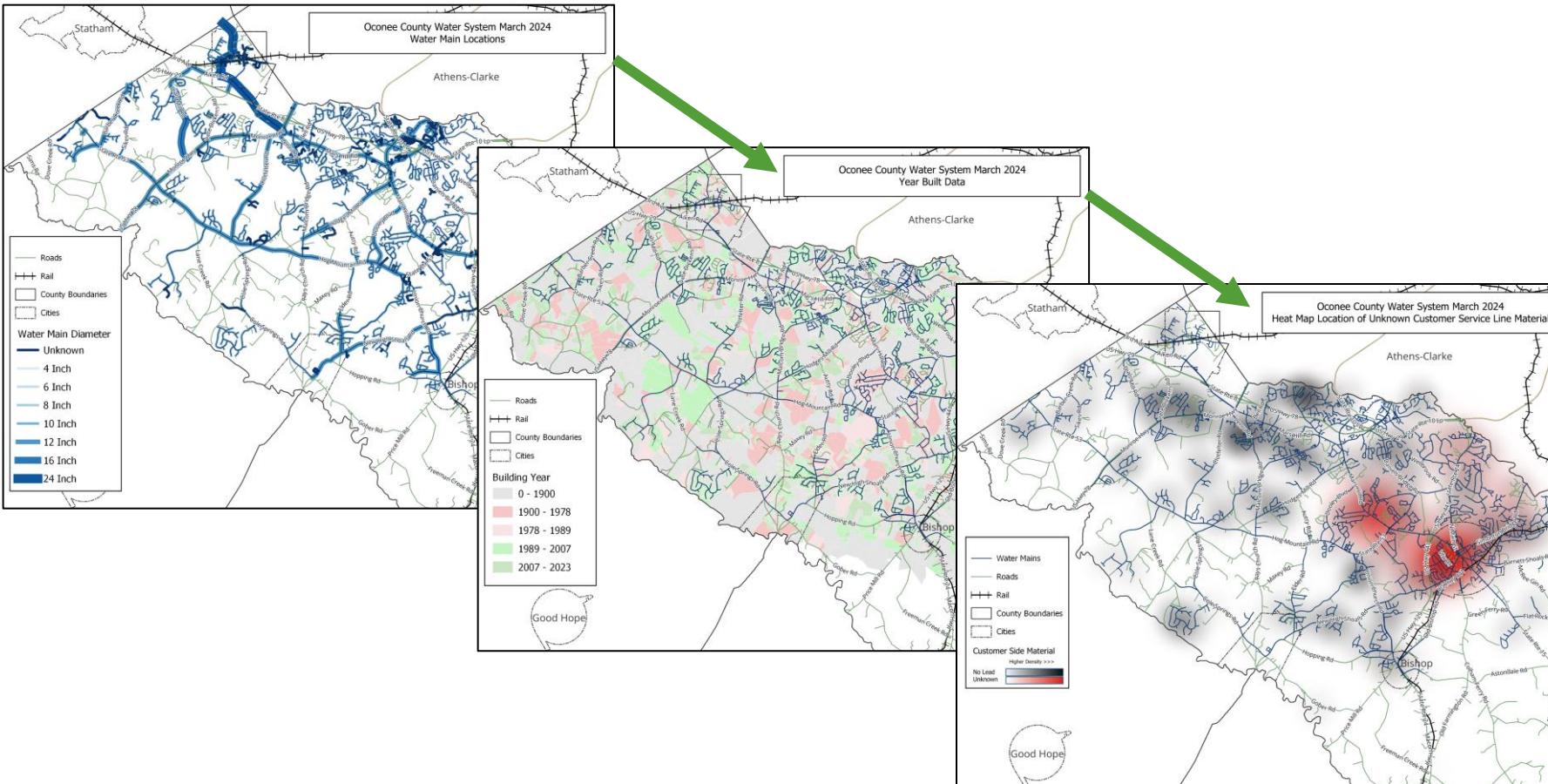


Gather and review
available data



Interview Plumbers and Utility
Staff

GEOSPATIAL ANALYSIS





SERVICE LINE INVENTORY REFINEMENT





A woman with blonde hair tied back in a ponytail, wearing a white lab coat and blue gloves, is working on a complex system of clear plastic tubes and fittings. She is focused on her task, looking down at the equipment. The background shows a tiled wall and some laboratory equipment.

SERVICE LINE INVENTORY RESULTS

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

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.

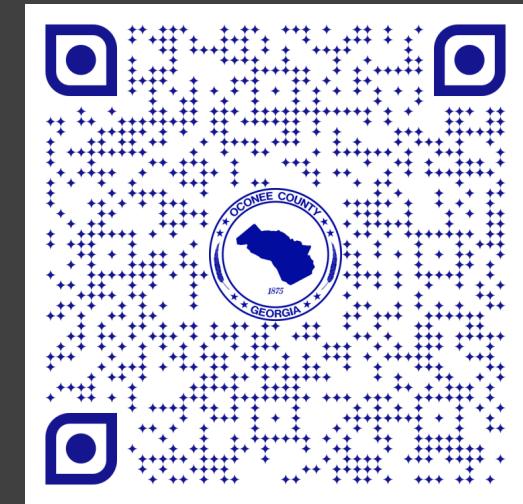
DRINKING WATER TREATMENT





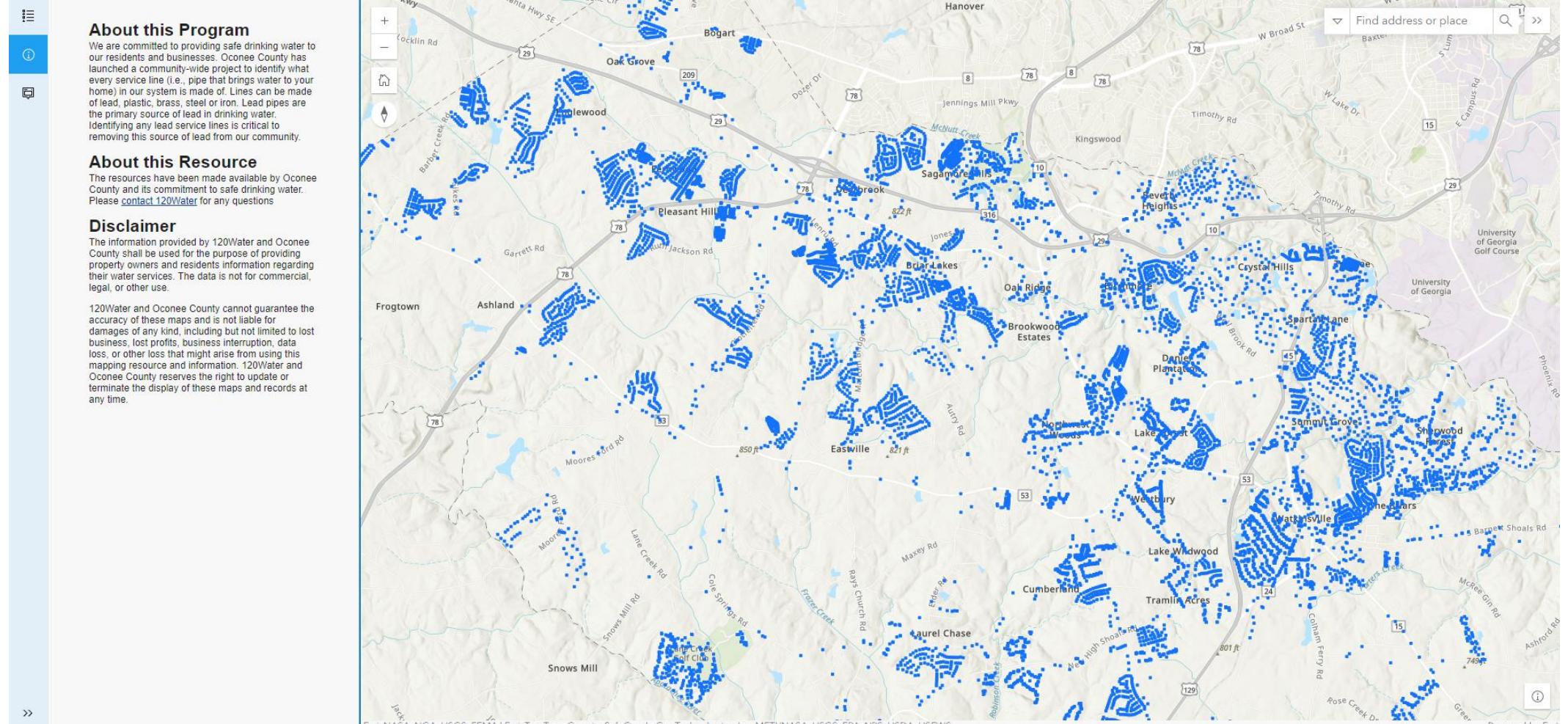
COMMUNICATIONS WITH WATER CUSTOMERS

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



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

ONLINE PORTAL



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

FOR MORE INFORMATION

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

