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# Lead Service Line Funding & Inventory Data Management Innovations

David Gipson - Director of Water Resources

Lisa Golphin - WRD Project Manager 3 Lead

Abby Warner - 120 Water CXO

November 13, 2023





# What is GEFA?

- The Mission of the Georgia Environmental Finance Authority (GEFA) is to conserve and protect Georgia's energy, land, and water resources.
- GEFA has provided more than **\$5 billion** in low-interest loans and has funded approximately **2,000 projects**.
- Eligible Borrowers:
  - **Counties and municipalities**
  - **Local water, sewer, and sanitary districts**
  - **State and local authorities, boards, and political subdivisions created by the General Assembly.**

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# GEFA's Bipartisan Infrastructure Law (BIL) Funding

<b>Funding Year</b>	<b>DW Base</b>	<b>DW Supplemental</b>	<b>DW Emerging Contaminants</b>	<b>DW LSLR</b>
FY2022	\$16,513,000	\$42,400,000	\$17,804,000	\$66,808,000
FY2023	\$13,389,000	\$57,090,000	\$20,716,000	\$28,650,000

<b>Funding Year</b>	<b>CW Base</b>	<b>CW Supplemental</b>	<b>CW Emerging Contaminants</b>
FY2022	\$19,563,000	\$30,092,000	\$1,581,000
FY2023	\$12,683,000	\$35,242,000	\$3,596,000

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# Lead Service Line Funding Goals

FY 2022 ALLOCATION	FY 2023 ALLOCATION
Cap Grant: \$66,808,000	Cap Grant: \$28,665,000
<ul style="list-style-type: none"><li>❖ Set-Asides: \$18.7 M<ul style="list-style-type: none"><li>• 204 Grants to Communities</li><li>• Contract with GRWA to complete inventory for 18 communities &lt; 300 lines</li><li>• Contract with 120 Water to develop an inventory database, mapping portal, and provide training to communities (1 CEU)</li></ul></li><li>❖ Construction Loans: \$46 M</li></ul>	<ul style="list-style-type: none"><li>❖ Set-Asides: \$8.9 M<ul style="list-style-type: none"><li>• 120 Grants to Communities</li><li>• Contract with GRWA to provide technical assistance to communities &lt; 10,000 pop.</li><li>• Contract with 120 Water to provide a 3-year mapping portal to communities.</li></ul></li><li>❖ Construction Loans: \$19.8 M</li></ul>

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# Georgia's Service Line Inventory Progress

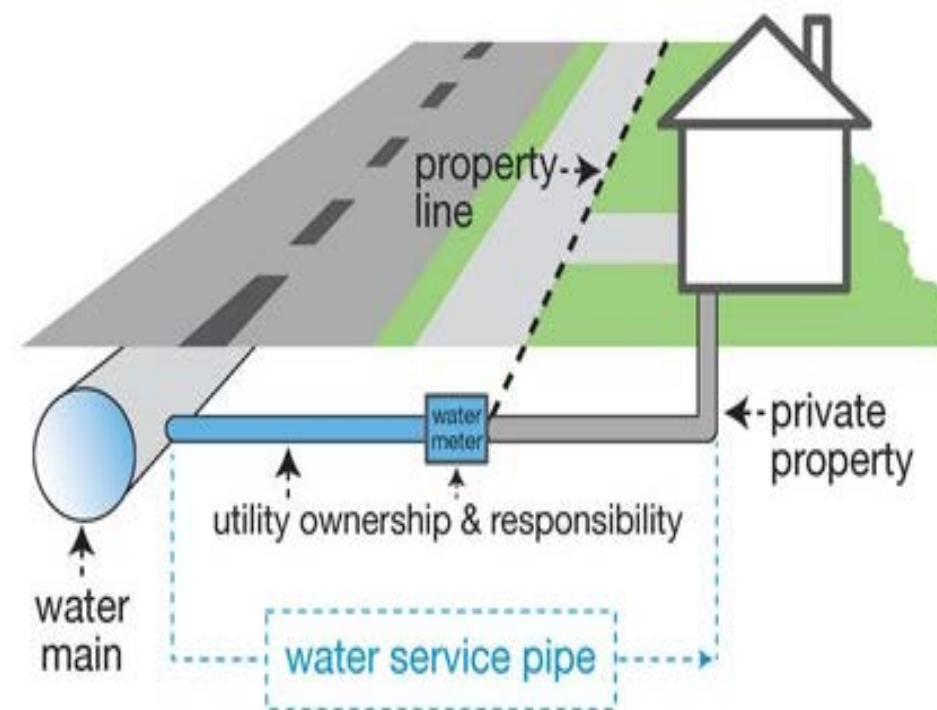
## □ Total Systems Reporting in Georgia: 1910

- ✓ Systems with Inventories Started: 39
- ✓ Systems Registered for Training: 297
- ✓ Systems Trained & Provided Portal Access: 74

## □ Standard Service Line Installation

- ✓ Typical water service lines are buried 18 to 30 inches deep
- ✓ Most homes are built on slab foundations
- ✓ Water meters are located in the road right-of-way

## Understanding Your Service Line



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# LSL Program Challenges

## □ LSL Program Challenges

### ❖ Water Systems:

- ✓ Small and disadvantaged communities are unaware or confused in regard to the new LCRR regulations;
- ✓ Reluctance to have ownership of the customer side of the service line;
- ✓ Limited staff resources to complete the inventory;
- ✓ Systems lack financial resources to complete the inventory and are in a state of noncompliance (Financial Audits);
- ✓ Limited Contractor availability to perform potholing or replacement;
- ✓ Community lack of leadership or restructuring;
- ✓ Increasing "Pockets of Poverty" within Communities.

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# LSL Program Strengths

## □ LSL Program Strengths

### ❖ Water Systems:

- ✓ Grants/Loans to a vast majority of small & disadvantaged communities;
  - FY2022 – 204 Communities & FY2023 120 Communities
  - 22 New Loans to new GEFA communities
- ✓ Technical Assistance to complete inventories for communities with <300 lines;
- ✓ **FREE** Accessibility to an online mapping portal for communities without GIS.

### ❖ State:

- ✓ Centralized Service Line Inventory Data Management Portal;
- ✓ Offers Statewide Transparency Map of all service lines;
- ✓ Reporting functionality on actual inventory/replacement costs and compliance.

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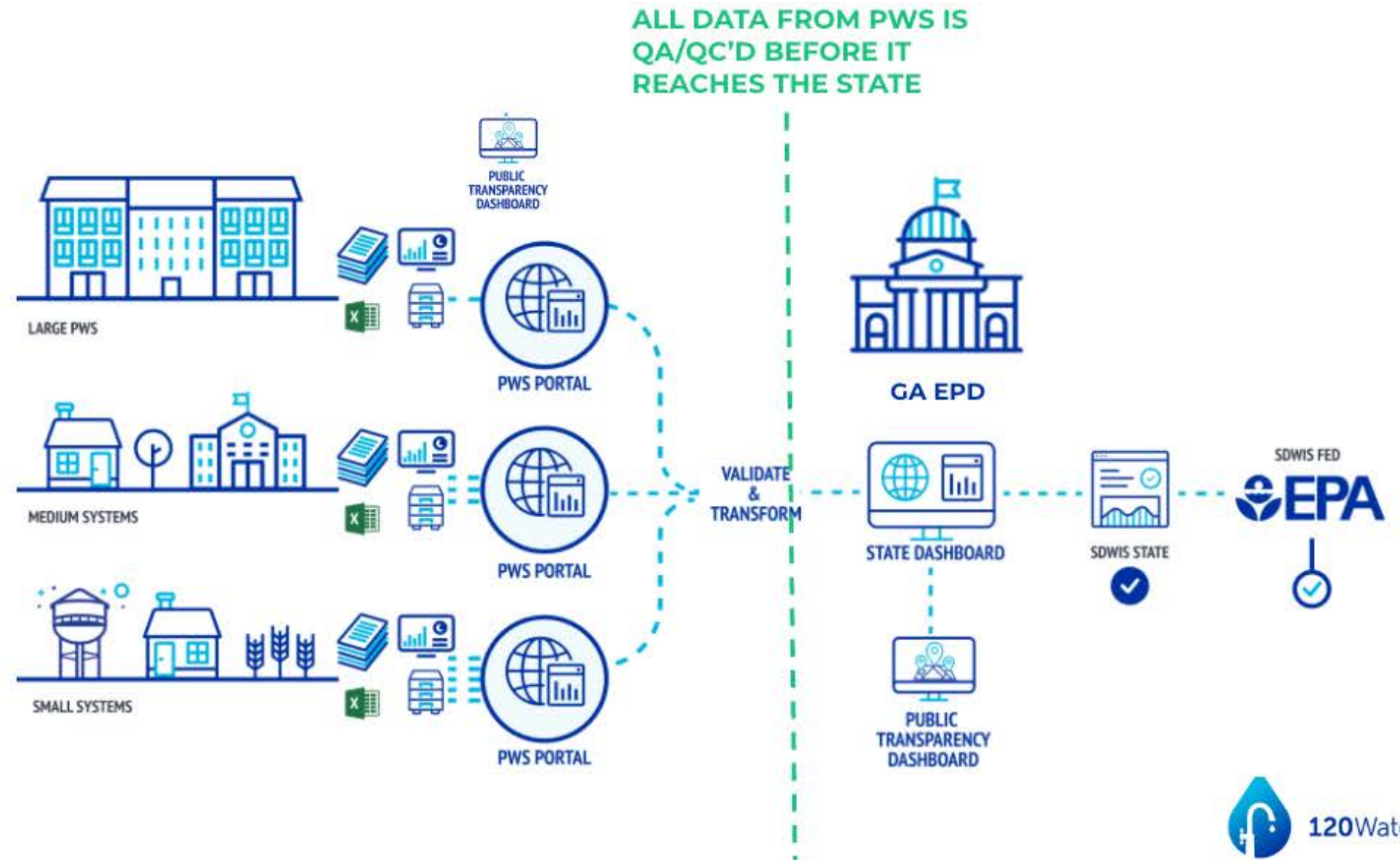


- Easily manage and upload SL data & documents.
- Validate data before it reaches the State.
- Public Transparency Dashboard, Optional.



- Easily review SL submissions.
- Automate workflows.
- Integrate with SDWIS & other internal IT.
- Public Transparency Dashboard, Optional.

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# PWS Portal & State Dashboard



## Listing of All Utilities

Georgia Environmental Protection Division | Utilities | Inventories

Abby Warner

### Utilities

Search [ ] 20 of 1913 Records

Latest Active Submission Status [ ] Submission Period [ ]

Assign Submission Period [ ] Remove Submission Period [ ]

<input type="checkbox"/>	PWSID	Name	PWS Type	PWS Owner	Address	Population Served	Service Line Connections	Submission Status	Subm
<input type="checkbox"/>	GA0010000	Baxley	CWS	L	148 Copeland Road Baxley, GA	4741	2717	Not Submitted	2024 Due 10/1
<input type="checkbox"/>	GA0010001	Surrency	CWS	L	P. O. Box 162 Surrency, GA	468	160	Not Submitted	2024 Due 10/1
<input type="checkbox"/>	GA0010002	Altamaha Elementary School	NTNCWS	L	249 Blackshear Hwy Baxley, GA	420	4	Not Submitted	2024 Due 10/1
<input type="checkbox"/>	GA0010003	Fourth District Elem. School	NTNCWS	L	249 Blackshear Hwy Baxley, GA	200	1	Not Submitted	2024 Due 10/1

Georgia Environmental Protection Division | Utilities | Inventories

Abby Warner

### Georgia - Portal Sandbox 3

Submitted [ ] Show Activity [ ]

PWS ID: GA9990003

**SDWIS Information**  
 Owner: L  
 Population: 1089893  
 Service Line Connections: 262059

**Submission Information**  
 Submission Period: 2024  
 Submitted On: 09/12/2023  
 Submitted By: Meena Gunachandran

**Materials**  
 Total Service Lines: 56

16 Lead 17 GRR 13 Non-Lead 10 Unknown

**Inventory Information**

**Submission Attachments**

Search [ ] 20 of 56 Service Line

Year Built [ ] System-Owned Material [ ] Customer-Owned Material [ ] Material Classification [ ]

Service Line Id	Address	Year Built	System-Owned Material	Customer-Owned Material	LCRR Tier	EPA Material Classification
6090	102 SHENAN CT. WARNER ROBINS, GA	--	Galvanized Iron/Steel - Requiring Replacement	Non-Lead - Copper		Galvanized Requiring Replacement

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# PWS Portal & State Dashboard



## Listing of All Inventories

Georgia Environmental Protection Division | Utilities [Inventories](#)

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### Inventories

Submission Period All Submission Periods

Search 20 of 1913 Submissions

Service Line Connections Status Total Lines

Change Submission Status

<input type="checkbox"/> PWS	Submitted By	PWS Type	Service Line Connections	Total Lines	Lead	GRR	Unknown	Non-lead	Status
<input type="checkbox"/> Georgia - Portal Sandbox 3 GA9990003	Meena Gunachandran	CWS	262059	56 82.14% Known	16	17	10	13	Submitted
<input type="checkbox"/> Boynton Grove Mhp GA2050036	--	CWS	15	0 0.00% Known	0	0	0	0	Not
<input type="checkbox"/> Sycamore GA2870002	--	CWS	300	0 0.00% Known	0	0	0	0	Not
<input type="checkbox"/> Southern Nuclear-Vogtle Units 3 & 4 GA0330056	--	NTNCWS	1	0 0.00% Known	0	0	0	0	Not

Submitted

Login to PWS Portal

Show

Char

Not

Georgia - Portal Sandbox 3

2 Martin Luther King Jr. Drive SE Suite 1456, East Tower, Atlanta GA 30334

Create Contact

PWS ID: GA9990003

Current in PWS Portal

Total Service Lines: 81

12 Lead 19 GRR 22 Non-Lead 28 Unknown

2024 Show Activity Submitted

Submitted By Meena Gunachandran

Submitted On 09/12/2023

Due On 10/16/2024

16 Lead 17 Galvanized 13 Non-lead 10 Unknown

Search 0 of 0 Submissions

Change Submission Status

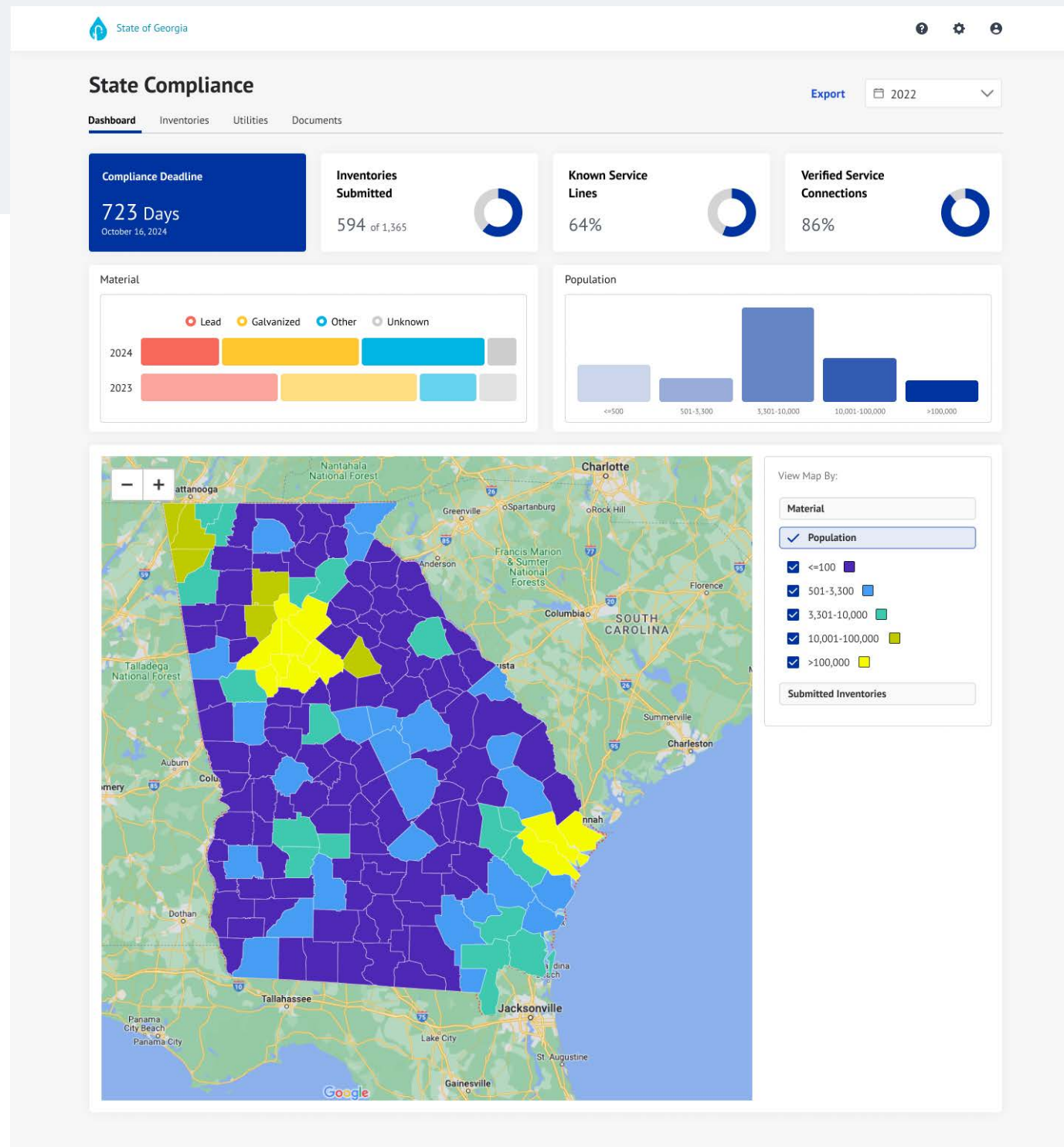
<input checked="" type="checkbox"/> Submitted Date	Submitted By	Total Lines	Lead	GRR	Unknown	Non-lead	Status
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<https://state-dashboard.120water.com>



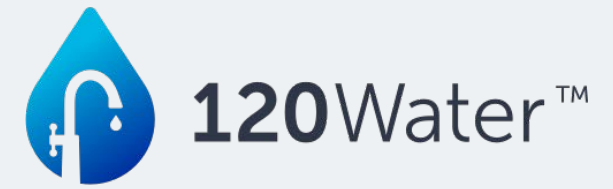
Dashboard with KPIs



## Investing in Georgia's Energy, Land, and Water Resources



# PWS Portal & State Dashboard



## PWS Portal

Locations Inventory State Reporting Georgia - Portal Sandt

### Locations

Add Single Site Import Locations

Search... Showing 81 of 81 Locations

Assign to Program Send Communication Export

120Water ID	External ID	Address	LCR Tier	Classification	Programs
8280236	--	2024 Test Street Atlanta, GA	--	Single Family Residence	--
7717987	--	3380 Vista Creek Dr Dacula, GA	--	Non-Residential	--

Locations Inventory State Reporting Georgia - Portal Sandt

### Service Lines

Create Service Line Import Service Lines

Map List

Search... Showing 81 of 81 Assets

Assign to Program Delete Export

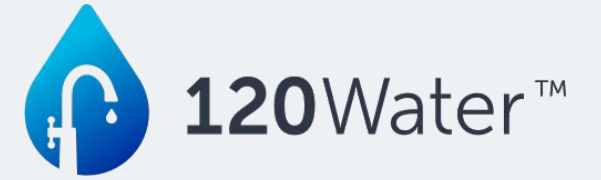
120Water ID	External ID	Address	LCRR Tier	Status	System-Owned Material	System-Owned Installed Date	Customer-Owned Material	Customer-Owned Installed Date	Programs	Ownership	System-Owned Installed After Lead Ban	Custom Installed
6257785	--	999 N CASITAS HILL LOOP WASHINGTON, UT	Insufficient Data to Calculate	In Service	Unknown - Material Unknown	09/04/2023	Non-Lead - Other	09/03/1979	--	Split	Yes	
6257784	--	999 N PLEASANT VALLEY LN WASHINGTON, UT	Tier 1	In Service	Lead	--	Lead	--	--	Customer-Owned	Unknown	
6257783	--	999 N WONDER LN LEEDS, UT	Tier 5	In Service	Non-Lead - Copper	--	Non-Lead - Steel	--	--	System-Owned	Yes	
6257782	--	999 S 400 W HURRICANE, UT	Insufficient Data to Calculate	In Service	Non-Lead - Other	--	Galvanized Iron/Steel - No Lead Contact	--	--	Split	Yes	
6257781	--	999 S 620 E ST SAINT GEORGE, UT	Tier 3	In Service	Unknown - Material Unknown	--	Galvanized Iron/Steel - Requiring Replacement	--	--	Split	No	
6257780	--	999 S 770 E ST SAINT GEORGE, UT	Tier 1	In Service	Non-Lead - Copper	--	Lead	--	--	Split	Unknown	
6257779	--	999 S WHITE SANDS DR WASHINGTON, UT	Tier 5	In Service	Non-Lead - Asbestos Cement	--	Galvanized Iron/Steel - No Lead Contact	--	--	Split	No	
6257778	--	999 W 150 S VIRGIN, UT	Insufficient Data to Calculate	In Service	Non-Lead - Cast Iron	--	Unknown - Material Unknown	--	--	Split	Yes	
6257777	--	999 W BLOOMINGTON DR S SAINT GEORGE, UT	Tier 5	In Service	Non-Lead - Brass	--	Galvanized Iron/Steel - Requiring Replacement	--	--	Customer-Owned	Yes	
6257776	--	999 W BLUE MOUNTAIN RD WASHINGTON, UT	Tier 5	In Service	Non-Lead - Ductile Iron	--	Non-Lead - Cast Iron	--	--	System-Owned	No	

100 per page

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# PWS Portal & State Dashboard



Locations Inventory State Reporting

Georgia - Portal Sandt

2024 Test Street, Atlanta, GA 30303

+ Add Asset

Details Assets Attachments

Ownership: Split  
Description: Important note

In Service Lead Status Unknown

Edit Details Delete

System-Owned

Material

Material: Non-Lead - HDPE  
Classification Basis Notes: --

Previously Lead: No

Classification Basis: Customer Identification

Installation Details

Installed After Lead Ban?	Installation Date	Removal Date
Unknown	--	--

Diameter (in):      Depth (in):

Coordinates: 0, 0  
Asset ID: 7057285

State Submission Validation Errors:

Recent Documents

Locations Inventory State Reporting

Georgia - Portal Sandt

2024 Test Street, Atlanta, GA 30303

Edit Details

Details Assets Attachments

Location Details

Newton Midland City Kinsey

Coordinates: 31.316456, -85.452043

Address: 2024 Test Street, Atlanta, GA 30303

Mailing Address: --

Location Notes

Profile

LCR Tier: --  
LCRR Tier: --  
Insufficient Data to Calculate

Property Classification: Single Family Residence

Current LCR Sampling Site: Unknown

Building Plumbing Contains Lead Solder: Unknown

Point of Entry or Point of Use Treatment: Unknown

Parcel Information

Parcel Number	Year Built
--	--
County	Lot Area (square feet)
--	--

Recent Attachments

No recent attachments found

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# PWS Portal & State Dashboard



PWS Portal

Locations Inventory State Reporting Georgia - Portal Sandt

**State Reporting** You have service lines that are not valid for submission. [Submit Inventory](#)

Current Inventory Submissions

**Compliance Deadline**

341 Days

October 16th 2024

**Materials**

Total Service Lines: 81

12 Lead 19 Galvanized 22 Non-Lead 28 Unknown

Inventory Information

Search... Showing 81 of 81 Assets

Unique Service Line ID	Valid for Submission	Street Address 1	Street Address 2	City	State	Zip	Other Location Identifier	Service Line Ownership Type	Service Line Material Classification	Specific Service Line Material	System-Owned Service Line Material Additional Information
--	Invalid	2024 Test Street	--	Atlanta	GA	30303	--	Split	Non-Lead	Non-Lead - HDPE	--
10011	Invalid	3380 Vista Creek Dr	--	Dacula	GA	30019	--	System-Owned	Non-Lead	Non-Lead - Ductile Iron	--
10010	Invalid	3385 Vista Creek Dr	--	Dacula	GA	30019	--	Customer-Owned	Lead Status Unknown	--	--
10008	Invalid	3395 Vista Creek Dr	--	Dacula	GA	30019	--	Split	Non-Lead	Non-Lead - Cast Iron	--
10007	Invalid	3400 Vista Creek Dr	--	Dacula	GA	30019	--	Split	(GNRR) Galvanized Not Requiring Replacement - Non-Lead	--	--
10006	Invalid	3405 Vista Creek Dr	--	Dacula	GA	30019	--	Split	(GNRR) Galvanized Not Requiring Replacement - Non-Lead	--	--
10005	Invalid	3410 Vista Creek Dr	--	Dacula	GA	30019	--	Customer-Owned	Lead Status Unknown	--	--
10004	Invalid	3415 Vista Creek Dr	--	Dacula	GA	30019	--	System-Owned	Non-Lead	Non-Lead - Other	--
10003	Invalid	3420 Vista Creek Dr	--	Dacula	GA	30019	--	Split	Non-Lead	Non-Lead - Other	--

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