



120Water™

PWS Portal Training

Service Line Inventory Management and Reporting

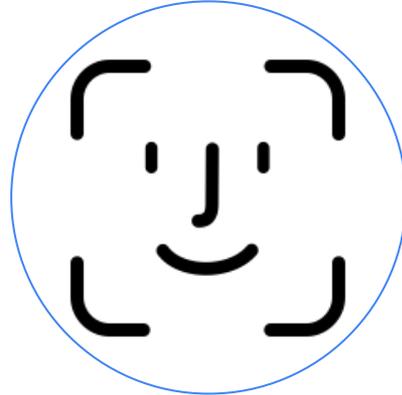
Maddie Dillon

120Water

Introductions



Maddie Dillon
Enterprise Client Experience Manager



120Water Support Team
support@120water.com

Agenda

1. Why are we here?
2. Meet the Software
3. Demo & Training
4. Questions & Next Steps



Why are we here?



120Water™

New Rules Require New Tools

Lead and Copper Rule Revision & Improvements

All water systems (CWS & NTNCWS) must create a location-based preliminary inventory of the **water system owned** and **customer owned** side of every service line in your system by **October 16, 2024**.

What's in it for me?



1. Centralized Data
2. Jumpstart Next Steps
3. Compliance
4. Prepare for beyond Inventory

Meet the Team

Each of these organizations is here to help!

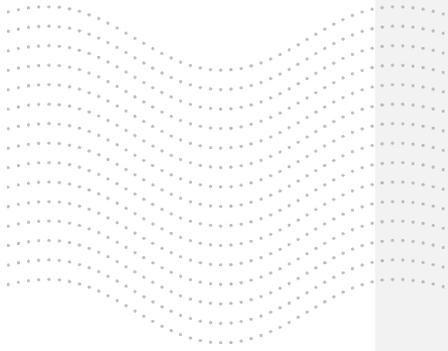
Party	Abbreviated Name	Role	Email / Website
Office of Drinking Water	ODW	Regulatory Questions/ comments related to Delaware-specific interpretations of the LCRR; these include but are not limited to: acceptable inventory methods, basis of material classification, field verification methods, etc.	dhss.delaware.gov/dhss/dph/hsp/odw.htm 302-741-8630
Delaware Drinking Water State Revolving Fund	DE DWSRF	Financial Questions/ comments related to financial support (e.g., grants) to support the development of a system's service line inventory.	https://dhss.delaware.gov/dhss/dph/hsp/dwsrf.html 302-744-4817
Delaware Rural Water Association	DRWA	Technical Assistance Delaware Rural Water has been trained to support systems with building their inventories and are available for ongoing in person and remote assistance	delawareruralwater@drwa.org drwa.org
120Water	120Water	Product & Technical Support Questions and comments related to PWS Portal, technical questions about how to log in and use the software, and how to build and manage your inventory within the platform.	support@120water.com 120water.com



Meet the Platform



120Water™



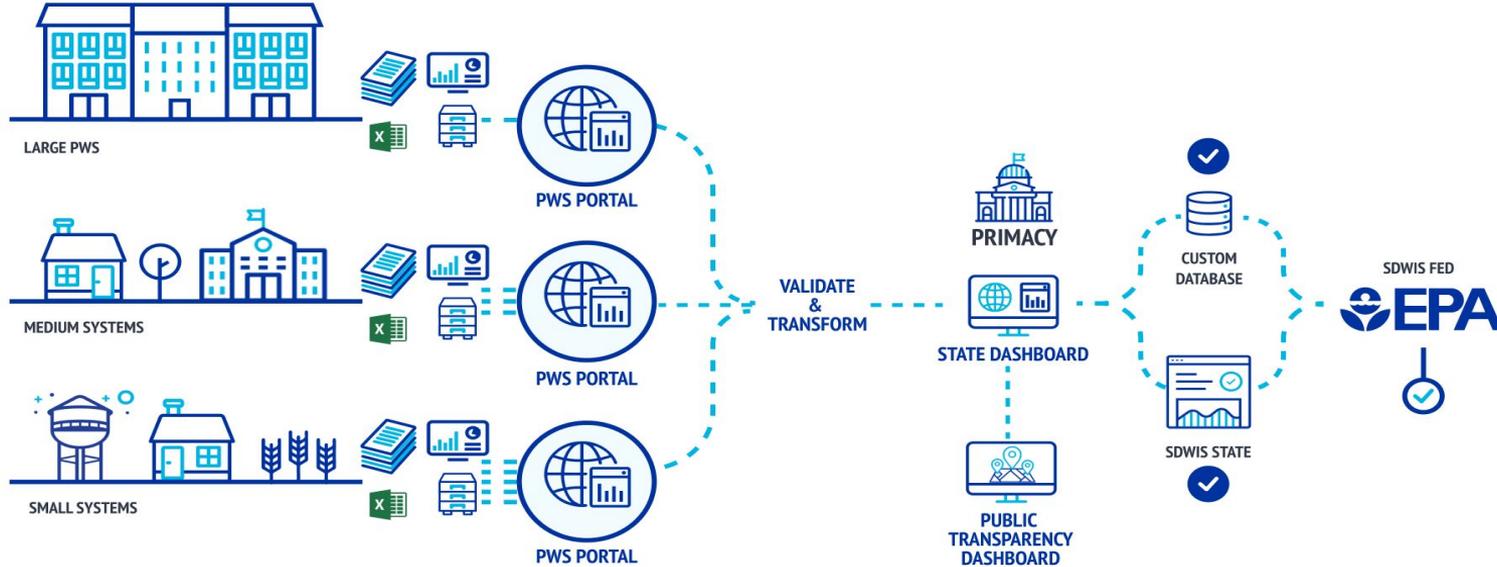
PWS PORTAL

- Web based, mobile responsive application
- Intuitive and user friendly for systems of all sizes
- Individual system tenant environments
- Manages service line & other data related to LCRR/I
- Provides customized Excel template from States
- Performs address & field validations as well as geocoding capabilities BEFORE it reaches the State
- Real-time metrics on service line requirements
- Reports directly to State Dashboard or integrates with existing State database
- Allows PWS to manage service line data 365 days/year

pws.120wateraudit.com

How does PWS Portal work?

Data standardization to streamline service line inventory management and reporting



Login to PWS Portal

1. Receive email from Support@120water.com with Username and temporary password
2. Within 48 hours, Accept & Verify User Account & update password
3. Login to PWS Portal: <https://pws.120wateraudit.com>
4. Questions: Email support@120water.com - Include your Name, PWS ID, and your question

pws.120wateraudit.com



Login

Welcome back! Please login to your account.



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Home Page

- Navigation bar:
 - Locations
 - Inventory
 - State Reporting
 - Support
 - Settings
 - PWS Portal Toggle

Locations

Add Single Site Import Locations

Search... Showing 20 of 2,444 Locations

Assign Send Communication Export

<input type="checkbox"/>	120Water ID	External ID	Address	LCR Tier	Classification	Programs
<input type="checkbox"/>	7278663	--	1024 Peachtree St Louisville, GA	--	--	--
<input type="checkbox"/>	7278662	--	1024 Peachtree St Louisville, GA	--	--	--
<input type="checkbox"/>	7278661	--	1050 Pine Ridge Ln Louisville, GA	--	--	--
<input type="checkbox"/>	7278660	--	1050 Pine Ridge Ln Louisville, GA	--	--	--
<input type="checkbox"/>	7278659	--	1053 Lampp St Louisville, GA	--	--	--

Manage Account Settings

- Gear Icon:
 - Acct Details
 - Users
 - Attachments
- Adding Users
 - Email
 - First & Last Name
 - Role
- Data Management
 - Import Log
 - Export Log

Account Settings

Account Management

- Account Details
- Users
- Analytes
- Custom Fields
- Attachments

Data Management

Communication Management

Account Settings for Georgia - Portal Sandbox

Account ID 4004 Save

Company Name: Georgia EPD

Address: 2 Martin Luther King Jr. Drive SE City: Atlanta

Account Settings

Account Management

- Account Details
- Users
- Analytes
- Custom Fields
- Attachments

Data Management

Communication Management

Users

See what users are connected to your account, invite new users, or delete and change roles for non-admin users. For assistance changing these settings, please contact support@120water.com. Invite User

Showing 7 of 7 Items

Name	Roles	Actions
------	-------	---------

Account Settings

Account Management

Data Management

- Templates
- Export Log
- Import Log

Communication Management

Import Log

Navigating away from this page will not affect the status of your imports. Import Load: Low

File Name	Import Type	Submitter	Started At	Batch ID	Status
CombinedAZImportTemplate_20240129_AZ TRAIN 1.31 w ERROR	combined	Maddie Dillon	01/31/2024, 09:55 AM EST	7696	Ready for Review
CombinedAZImportTemplate_20240129_AZ TRAIN 1.29 w ERROR	combined	Maddie Dillon	01/29/2024, 03:53 PM EST	7639	Ready for Review
CombinedAZImportTemplate_20240129_AZ TRAIN 1.29 w ERROR	combined	Maddie Dillon	01/29/2024, 02:45 PM EST	7634	Completed With Errors
CombinedAZImportTemplate_20240129_AZ TRAIN 1.29 w ERROR	combined	Maddie Dillon	01/29/2024, 02:44 PM EST	7633	Ready for Review
CombinedAZImportTemplate_20240129_AZ TRAIN 1.29 w ERROR	combined	Maddie Dillon	01/29/2024, 02:40 PM EST	7632	Ready for Review

Add Service Line Inventory Data

Recommended for systems with less than 100 service connections.

High-level Steps:

- Click on Locations Tab
 - Select 'Add' Single Site' button
 - Input required address fields

- Click on newly-created Location record→Assets Tab
 - Select 'Add Service Line' button
 - Input any and all relevant data

The screenshot displays the 120Water software interface. At the top, there are navigation tabs for 'Locations', 'Inventory', and 'State Reporting'. The main header is 'Locations' with an 'Add Site' button. Below the header is a search bar and a table of locations. The table has columns for '120Water ID', 'External ID', 'Address', 'Tier', and 'Classification'. Three locations are visible: '120Water ID' (dropdown), 'External ID' (dropdown), 'Address' (text), 'Tier' (dropdown), and 'Classification' (dropdown). The first location is '3505762' with address '250 S ELM ST ZIONSVILLE, IN' and 'Tier 2 Commercial'. The second is '3121723' with address '1367 Hanscomab Way Griffin, GA' and 'Tier 1 Residential'. The third is partially visible with address '165 SCRANTON CT'. Below the table are buttons for 'Assign' and 'Send Communication'. A 'Status' dropdown is set to 'In Service'. A 'Service Line External ID' field is empty. A 'Description' field has a '200 Character Limit' and a placeholder 'Add a description'. A 'Location' field contains '675 S MAIN ST #200, ZIONSVILLE, IN 46077'. Below this are three sections: 'Public Line', 'Fittings', and 'Private Line'. Each section has 'Material' and 'Verification' dropdowns, and 'Installed Date' and 'Removal Date' date pickers. The 'Fittings' section also has a 'Verified By' field. On the right, a 'Create Location' modal is open, showing fields for 'External ID', 'Tier', 'Property Classification', 'Parcel Number', 'Address Line 1', 'Address Line 2', and 'City'. The 'Address Line 1' and 'City' fields are highlighted with red boxes, and 'Required' text is shown below them. The modal has 'Save' and 'Close' buttons.

120Water ID	External ID	Address	Tier	Classification
3505762	--	250 S ELM ST ZIONSVILLE, IN	Tier 2	Commercial
3121723	--	1367 Hanscomab Way Griffin, GA	Tier 1	Residential
		165 SCRANTON CT		

Status
In Service

Service Line External ID
[Empty]

Description
200 Character Limit
Add a description

Location
675 S MAIN ST #200, ZIONSVILLE, IN 46077

Public Line
Material: Unknown, Verification: [Empty], Installed Date: [Empty], Verified By: [Empty], Verification Date: [Empty], Removal Date: [Empty]

Fittings
Lead Fittings: Unknown, Verification: [Empty], Verified By: [Empty], Verification Date: [Empty]

Private Line
Material: Unknown, Verification: [Empty], Installed Date: [Empty], Verified By: [Empty], Verification Date: [Empty], Removal Date: [Empty]

Create Location Modal:
External ID: [Empty]
Tier: [Empty]
Property Classification: [Empty]
Parcel Number: [Empty]
Address Line 1: [Empty] (Required)
Address Line 2: [Empty]
City: [Empty] (Required)

Import Service Line Inventory Data

Recommended for systems with more than 100 service connections.

High-level Steps:

- Download ODW Service Line Inventory Template:
 - Note: Address information is all that is needed to make your initial import
- Import Data into PWS Portal

Detailed Inventory

PWS Name:
PWSID:
Date Last Updated:

Purpose of this worksheet: To provide a customizable format water systems can use to track materials for each service line in their distribution system.

General Instructions: Each row in this worksheet represents one service line connecting the water main to the customer's plumbing. The worksheet includes required and recommended elements; the columns with the aqua shading are required by the LCRR. Systems can customize by adding or deleting columns. Important notes for each column are in Row 12; also see the **Template Instructions** worksheet for detailed instructions. Note that users can freeze panes to enable them to see the headings and notes when entering data. The worksheet includes examples in rows 13 - 20 and is formatted for approximately 10,000 entries.

Location Information													
Location Identifier													
120Water ID	Unique Service Line ID	Address Line 1	Address Line 2	City	Zip	Other Location Identifier	Sensitive Population? (Yes/No)	Disadvantaged Neighborhood? (Yes/No)	System-Owned Portion Service Line Material Classification	If Non-Lead in Column J, Was Material Ever Previously Lead?	Service Line Installation Data	Service Line Size	
A Unique ID created in 120Water the PWS Portal	A Unique ID is recommended for each service line. (Required)	Water systems must track addresses of all service lines in their internal inventory. For the publicly accessible version, location identifiers are required for lead and galvanized requiring replacement. (Required for import into PWS Portal)					Select Yes if sensitive subpopulation, e.g., day care, school, multi-family home. If Yes-Other, describe in the Notes field.	Does location meet state affordability guidelines or other measures?	Dropdown list includes recommended subclassifications. If "Non-Lead Other," describe in Notes field. (Required for submission)	Select Yes, No, or Don't know. Important for determining if downstream customer-owned galvanized service line requires replacement	Date, year, or estimated date range when the service line was installed or replaced	Diameter in inches	See "Data Not"
	MDTEST35	10 Peachtree Street		Dalhousie Branch	10071								

Import Service Lines

Select Upload Template or view [template documentation](#)

Service Lines Import template for creating or updating Service Lines records

Locations & Service Lines Import template for creating or updating location and service line records

Georgia Inventory GA EPD Inventory template for creating or updating location and service line records

Cancel
Upload File

Home Insert Draw Page Layout Formulas Data Review View Automate Tell me

Calibri (Body) 12 A+ A- Bold Italic Underline Text Color Background Color Conditional Formatting Format as Table Cell Styles Insert Delete Cell Styles Sort & Filter Find & Select

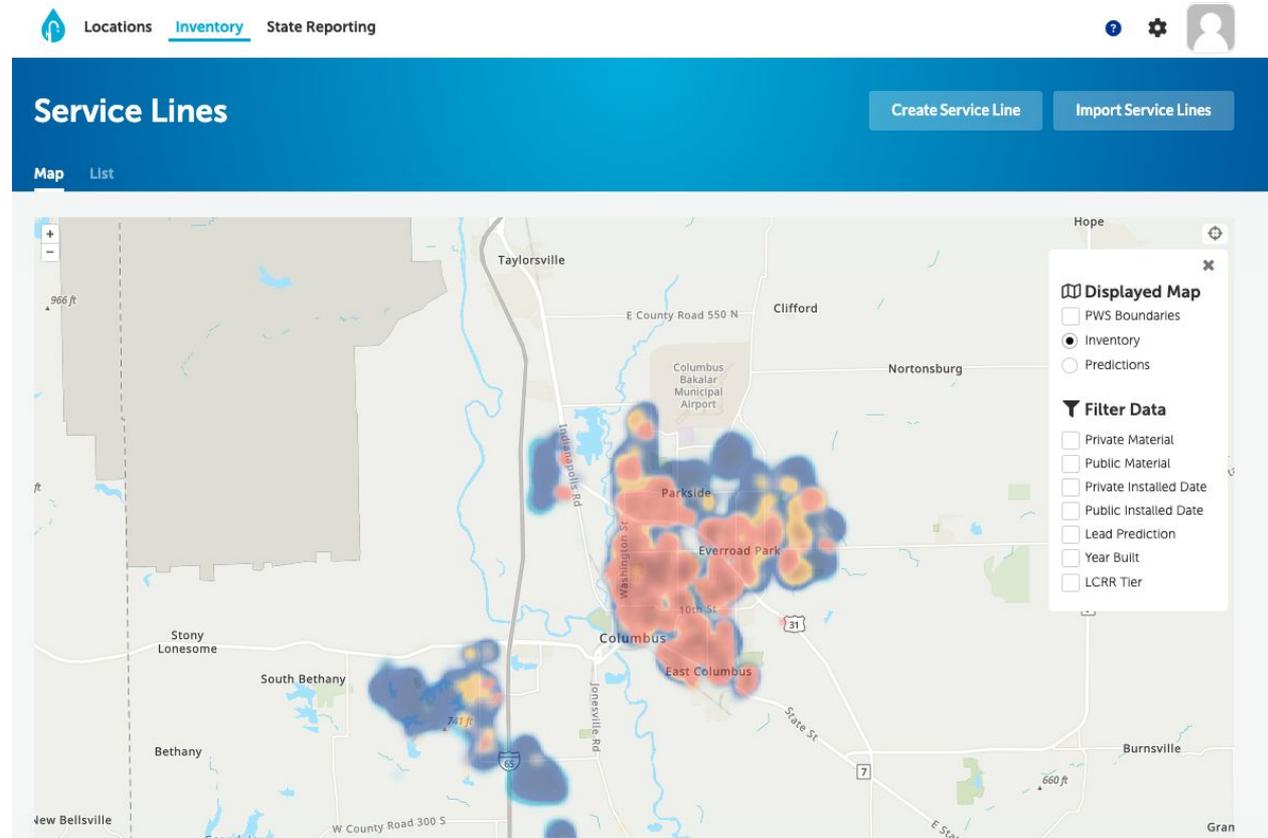
Possible Data Loss Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format.

	A	B	C	D	E	F	G	H	I
1	120WATER LOCATION ID	EXTERNAL LOCATION ID	CUSTOMER ID	120WATER ASSET ID	EXTERNAL ASSET ID	ADDRESS LIN	ADDRESS LIN	CITY	STATE
2		8478701 MDTEST35		7253257		800 Peachtree St. NE		Atlanta	GA
3		8478700		7253256		803 Peachtree St. NE		Atlanta	GA
4		8377609		7151621 MDTEST29		8522 S Main Unit C-4		Helen	GA
5		8377608		7151619 MDTEST26		212 Narr We Apt 2		Helen	GA
6		8377607		7151618		726 Brucken Strasse		Helen	GA

Manage Service Line Inventory Data

Key components of PWS Portal:

- Locations (Premise)
 - Details
 - Assets
 - Attachments
- Inventory (Assets)
 - Map View
 - List View
- State Reporting
 - Current Inventory
 - Submit



Submit Service Line Inventory

High-level Steps:

- Login to PWS Portal
- Navigate State Reporting tab
- Review aggregate service line inventory data
- Submit initial service line inventory to ODW

State Reporting

Submit Inventory

Current Inventory Previous Submissions

Compliance Deadline
609 Days
October 16th 2024

Verified Service Connections
5,327 of 9,825
54.22% of Connections Verified

Materials

Lead Galvanized Non-Lead Unknown

Search... Showing 100 of 9,825 Assets

Unique Service Line ID	Street Address	Other Location Identifier	Sensitive Population	Disadvantaged Neighborhood	System-Owned Portion	Service Line Material Classification	Service LI
455464	165 SCRANTON CT ZIONSVILLE, IN	39.965768, -86.279244	No	Unknown	Non-lead - Cu, No Lead		
455465	6703 WIMBLEDON DR ZIONSVILLE, IN	39.941201, -86.345017	No	Unknown	Lead Status Unknown - Unknown		
455466	11082 HOLLIDAY FARMS BLVD ZIONSVILLE, IN	39.983844, -86.260536	No	Unknown	Lead Status Unknown - Unknown		
455467	2833 E HIGH GROVE CIR ZIONSVILLE, IN	39.999829, -86.258722	No	Unknown	Non-lead - HDPE		
455468	605 EAGLE CREEK CIR ZIONSVILLE, IN	39.952373, -86.254173	No	Unknown	Non-lead - PE		
455469	2715 STILL CREEK DR ZIONSVILLE, IN	40.002543, -86.253591	No	Unknown	Non-lead - HDPE		



PUBLIC TRANSPARENCY DASHBOARD

- Increase Transparency & Alleviate Workload
- Configurable Text
- Searchable by Address
- Data Sync

About this Program

We are committed to providing safe drinking water to all residents. This dashboard provides customers information about their service line material.

About this Resource

The resources have been made available by City of Asheville and its commitment to safe drinking water. Please contact 120Water for any questions

Disclaimer

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

120Water and City of Asheville 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 City of Asheville reserves the right to update or terminate the display of these maps and records at any time.

Find Service Lines by Address

Search for an address

Service Line: Left Side = Public Material, Right Side = Private Material

Service Line Material: Non-lead Lead Galvanized Unknown

Shorthand Materials: Cu, Lead = Copper with Lead Solder, GI = Galvanized

ONGOING SUPPORT

After training, systems will receive a link to our Help Center and will have access to our support team:

- <https://120water.com/support>
- **1-800-674-7961**
- **support@120water.com**



Contact Us - Support

Need assistance with your program? Fill out the form and a team member will be in touch shortly to resolve your issue.

Request Type

First Name*
Last Name*

Email*

Street address
Phone number*

City*

State/Province

Issue*

Details*



DEMO



120Water™

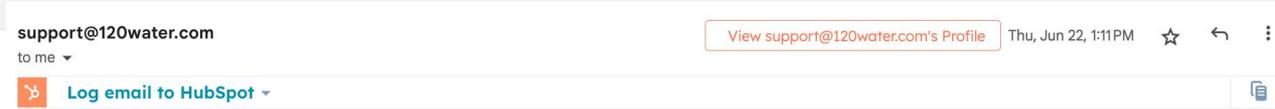


What's Next?



120Water™

Set up your account!



Hello,

You've been granted access to IDEM - Portal Sandbox's 120Water account.

Simply click the button below to accept your invitation and finish creating your account.

Accept Invitation

For security reasons, this link will expire in 48 hours.

If you believe you received this invitation in error, simply ignore this email.

3 Phases to Inventory Development

Building your Inventory

When: NOW - Oct. 16, 2024

What: Collection & documentation of the data necessary to submit an inventory

- Service addresses
- Documenting the service lines to those addresses
- Classifying materials and details about those service lines
- Verifying Materials known materials
- Working to reduce unknowns

Submitting your Inventory

When: Early 2024 - Oct. 16, 2024

What: Finalizing an missing required data, attaching necessary documentation, clicking SUBMIT

- Verifying all data is complete and accurate
- Adding attachments
- Clicking SUBMIT to snapshot current state and submit to ODW
- Answer any questions presented by ODW

Managing your Inventory

When: Today and beyond

What: Maintaining your inventory with the most current & accurate information about the service lines managed by your water system

- Reducing Unknowns
- Documenting Replacements
- Communicating with Residents



Questions?



120Water™



Thank you!



120Water™