PWS Information

Purpose of this worksheet: *For water systems to document basic system information. All information on this page is required.*

Facility Information *			
Water System Name:			
Kingdom Heights Water System			
PWSID:	Population Served (number of people):	Number of Service Connections:	PWS Type:
0790462	**3,063**	**1021**	CWS
If a CWS, do multi-family residences comprise at least 20% of the structures you serve?			*No*

System Contact Person *	
Name:	Title:
Dana Blair	**Utility Manager**
Telephone:	Email:
281-373-4401	**Dblair@flowatch.net**

Person Who Prepared Inventory (if different from above) *	
Name:	Title/Affiliation:
Alex Silveira	**Compliance Coodinator**
Telephone:	Email:
281-373-4401	**alex@flowatch.net**

Inventory Methodology

PWS Name: Kingdom Heights Water System
PWSID: 0790462

Purpose of this worksheet: *For systems to document the methods and resources they used to develop and update the inventory.*
Note: *Cells that have a superscript [x] are required fields.*

Part 1: Historical Records Review

Type of Record	Describe the Records Reviewed for Your Inventory[x]	Indicate if record was reviewed as required by 40 § CFR 141.84(a)(3).[x]
1. Previous Materials Evaluation *Example: Locations of Tier 1 lead tap sampling locations that are served by a lead service line.*	Built after 189	Yes
2. Construction Records and Plumbing Codes *Examples: Local ordinance adopting an international plumbing code. Permits for replacing lead service lines.*	Local ordinance adopting an international plumbing code	Yes
3. Water System Records *Examples: Capital improvement plans. Standard operating procedures. Engineering standards.*	Unable to locaste Engineering Standards/Plans	Yes
4. Distribution System Inspections and Records Examples: *Distribution system maps. Tap cards. Service line repair/replacement records. Inspection records. Meter installation records.*	Based on lines replaced/repairs, it is determined to be PVC throughout the system.	Yes
5. Other Records	Receipts of materials used for line/meter installations. Inventory reviewed and recorded on meter reading sheet.	Yes

Part 2: Identifying Service Line Material During Normal Operations

1. During which normal operating activities are you collecting information on service line material? Check all that apply. **Note that under 40 § CFR 141.84(a)(5) water systems must identify and track service line materials in the inventory as they are encountered in the course of its normal operations.**

Water meter reading	Yes	Water main repair or replacement	Yes
Water meter repair or replacement	Yes	Water main repair or replacement	Yes
Service line repair or replacement	Yes	Backflow prevention device inspection	Yes
Other	Select "Yes" or "No"		

If "Other", please explain below:

2. Did you develop or revise standard operating procedures to collect service line material information during normal operation? If "Yes", please explain below.	*Yes*

Service line materials will be documented/records kept for all new service lines/repairs made to water system moving forward.

Part 3: Service Line Investigations

1. Identify the service line investigation methods your system used to prepare the inventory (check all that apply). If a water system chooses an investigation method not specified by the state under 40 CFR §141.84(a)(3)(iv), state approval is required. ***Note that investigations are not required by the LCRR but can be used by systems to assess accuracy of historical records and gather information when service line material is unknown.***

Visual inspection at the Meter Pit	Yes	Water Quality Sampling - Sequential	Select "Yes" or "No"
Customer Self-Identification	Select "Yes" or "No"	Water Quality Sampling - Other	Select "Yes" or "No"
CCTV Inspection at Curb Box - External	Select "Yes" or "No"	Mechanical Excavation	Select "Yes" or "No"
CCTV Inspection at Curb Box - Internal	Select "Yes" or "No"	Vacuum Excavation	Select "Yes" or "No"
Water Quality Sampling - Targeted	Select "Yes" or "No"	Predictive Modeling	Select "Yes" or "No"
Water Quality Sampling - Flushed	Select "Yes" or "No"	Other	Select "Yes" or "No"

If "Other", please explain below:

2. If "Predictive Modeling", please briefly describe the model and inputs used:

Inventory Summary

PWS Name: Kingdom Heights Water System
PWSID: 0790462

Purpose of this worksheet: *For water systems to provide a summary of the service line inventory, including information on ownership, inventory format, and the number of service lines for each of the four required materials classifications.*

Note: *Cells that have a superscript [x] are required fields.*

Part 1. General Information

1. Is this the **Initial Inventory** or an **Inventory Update**? [x]	*Initial Inventory*
2a. Who **owns the service lines** in your system? *If other, please explain below* [x]	*Ownership is split*
2b. Is there documentation that defines service line ownership in your system, such as a local ordinance? *If yes, please describe below and explain where ownership is split (e.g., property line, curb stop).*	*Yes*
Ownership splits at the meter where customer ties into water meter to the final destination of the line installed by customer (Service Agreement/Tariff).	
3a. Describe when lead service lines were generally installed in your system below.	
1999 began installation of service lines, service lines currently still installed as homes are added	
3b. When were lead service lines banned for the system? Reference the state or local ordinance that banned the use of lead in your system.	
Lead service lines were banned prior to building the system - no lead lines/materials were installed due to plumbing codes.	
4. Are there lead goosenecks, pigtails or connectors in the system?	*No*

Part 2. Inventory Summary Table [1]

*When using the **Detailed Inventory** worksheet, the classifications in the Column "Entire Service Line Material Classification" (Column Q) will be used to calculate the total number of service lines for each of the four material classifications below* ***Remember this is the classification for the entire service line.***

Service Line Material Classification	Definition	Total Number of Service Lines (REQUIRED to be reported under the LCRR)[x]
Lead	Any portion of the service line is known to be made of lead.[2]	0
Galvanized Requiring Replacement (GRR)	The service line is not made of lead, but a portion is galvanized and the system is unable to demonstrate that the galvanized line was never downstream of a lead service line.	0
Non-Lead	All portions of the service line are known NOT to be lead or GRR through an evidence-based record, method, or technique.	1,028
Lead Status Unknown	The service line material is not known to be lead or GRR. For the entire service line or a portion of it (in cases of split ownership), there is not enough evidence to support material classification.	0
	TOTAL	1,028

Notes

[1] This summary table is for reporting material for the entire service line connecting the water main to the customer's plumbing. See the **Classifying SLs** worksheet for additional guidance on assigning a materials classification to the entire service line when ownership is split. Remember that systems must track the system-owned and customer-owned portions separately in their inventory.

[2] A lead-lined galvanized service line is consistent with the definition of an LSL under the LCRR ("a portion of pipe that is made of lead, which connects the water main to the building inlet") (40 CFR §141.2) and must therefore be classified in the inventory as an LSL. Do not, however, count non-lead service lines with a lead gooseneck or pigtail as lead service lines.