

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:

City of Sunrise Beach Village

PWSID:	Population Served (number of people):	Number of Service Connections:	PWS Type:
TX1500010	739	1,028	CWS

If a CWS, do multi-family residences comprise at least 20% of the structures you serve? *No*

System Contact Person*

Name:	Title:
John Schwin	Council Member / City of Sunrise Beach Village
Telephone:	Email:
(832) 474-5512	john.schwin@sunrisebeachtx.gov

Person Who Prepared Inventory (if different from above)*

Name:	Title/Affiliation:
Leigh Thomas, PE	Project Manager / HR Green, Inc
Telephone:	Email:
(737) 304-6896	leigh.thomas@hrgreen.com



Service Line Inventory Form for Public Water Systems

What is the purpose of this template?

This template is required for community and non-transient non-community public water systems to comply with the service line inventory requirements of the January 15, 2021, Lead and Copper Rule Revisions (LCRR). This template provides fillable forms and tables for public water systems (systems) to document their methods, organize their inventory, submit the initial inventory and inventory updates electronically to the TCEQ, and document how they are making the inventory publicly available. Refer to the Lead and Copper Rule Revisions rule language in 40 CFR § 141 Subpart I and the EPA's Guidance for Developing and Maintaining a Service Line Inventory for minimum LCRR requirements and recommendations.

For questions, please contact LCRR@tceq.texas.gov or call (512) 239-4691. The financial, managerial, and technical (FMT) assistance program can provide additional assistance and can be reached (512) 239-4691 or FMT@tceq.texas.gov.

Submit the completed lead service line inventory electronically. For file sizes larger than 25 megabytes (MB), the TCEQ File Transfer Protocol Secure (FTPS) site is available at <https://ftps.tceq.texas.gov/index.php>.

How is the template organized?

The **worksheets** in this template are color coded:

- Yellow worksheets are instructions and background.
- Dark blue worksheets are templates for systems.

See the table below for a description of each worksheet.

The **cells** in this template are also color coded:

- Gray cells are background or instructions.
- Light blue cells are fillable cells for systems.
- Aqua cells are required.

^x Required cells are further denoted using a superscript ^x.

[‡] Conditionally required are denoted using a superscript [‡].

Template Organization

Worksheet Type	Worksheet Name	Description
Background	Template Instructions	Contains detailed instructions for systems.
	Classifying SLs	Summarizes requirements for classifying the entire service line (SL) when ownership is split (<i>i.e.</i> , when the system owns a portion and the customer owns a portion).
Templates for Systems	PWS Information	For systems to document basic system information.
	Inventory Methods	For systems to document the methods and resources they used to develop and update the inventory.
	Inventory Summary	For systems to provide a summary of their service line inventory, including information on ownership, inventory format, and the number of service lines for each of the four required materials classifications. Systems can enter the totals into this worksheet or automatically generate totals based on information in the Detailed Inventory worksheet.
	Detailed Inventory	For system to track materials for each service line in their distribution system. Each row equals one service line connecting the water main to the customer's plumbing. Separate columns track location information, the system-owned portion, the customer-owned portion, other possible sources of lead, information for assigning a tap sample tiering classification, and information for lead service line replacement (LSLR).
	Public Accessibility	For systems to provide documentation to TCEQ on how they met the public accessibility requirements of the LCRR.
	Certification	For systems to provide certification to TCEQ on the completion of their service line inventory.

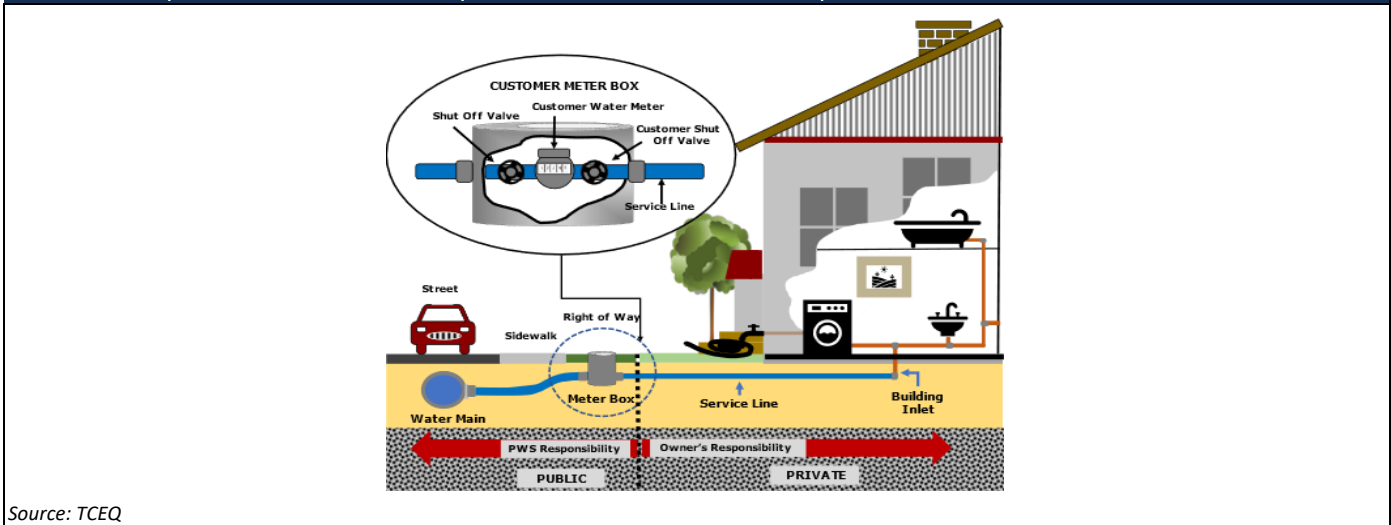
Classifying the Entire Service Line When Ownership Is Split

Purpose of this worksheet: Summarizes requirements for classifying the entire service line (SL) when ownership is split (i.e., when the system owns a portion and the customer owns a portion).

Introduction

In many cases, service line ownership is **split** meaning that the system owns a portion and the customer owns a portion of the service line. Exhibit 1 below is a diagram of a possible division in service line ownership between the water system and customer. While the LCRR requires the inventory to categorize each service line or portions of the service line where ownership is split, a single classification per service line is also needed to support various LCRR requirements, such as lead service line replacement (LSLR), tap sampling, and risk mitigation. Table 1 below indicates how to classify the material for the entire service line when ownership is split between the water system and customer. For more information refer to the Lead and Copper Rule Revisions in 40 CFR § 141 Subpart I and the EPA's Guidance for Developing and Maintaining a Service Line Inventory.

Exhibit 1. Example of Service Line Ownership Distinction between the Water System and Customer



Source: TCEQ

Table 1: Classification of Entire Service Line When Ownership is Split.

System-Owned Portion	Customer-Owned Portion	Classification for Entire Service Line
Lead	Lead	Lead
Lead	Galvanized	Lead
Lead	Non-lead	Lead
Lead	Lead Status Unknown	Lead
Non-lead	Lead	Lead
Lead Status Unknown	Lead	Lead
Galvanized	Lead	Lead
Non-lead, but system is unable to demonstrate it was not previously Lead	Galvanized	Galvanized Requiring Replacement
Lead Status Unknown	Galvanized	Galvanized Requiring Replacement
Non-lead and never previously lead	Non-lead, specifically galvanized pipe material	Non-lead
Non-lead	Non-lead, material other than galvanized	Non-lead
Lead Status Unknown	Non-lead	Lead Status Unknown
Non-lead	Lead Status Unknown	Lead Status Unknown
Lead Status Unknown	Lead Status Unknown	Lead Status Unknown

Source: Modified from Exhibit 2-3 of Guidance for Developing and Maintaining a Service Line Inventory (USEPA, 2022).

Inventory Methodology

PWS Name: City of Sunrise Beach Village
 PWSID: TX1500010

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 <i>Example: Locations of Tier 1 lead tap sampling locations that are served by a lead service line.</i>	Records of past lead and copper sample sites and results.	Yes
2. Construction Records and Plumbing Codes <i>Examples: Local ordinance adopting an international plumbing code. Permits for replacing lead service lines.</i>	Texas State Lead Ban occurred on July 1, 1988. Construction that occurred after July 1, 1988 were designated as "Non Lead".	Yes
3. Water System Records <i>Examples: Capital improvement plans. Standard operating procedures. Engineering standards.</i>	Current and historical map and plan records cross referenced for service line information.	Yes
4. Distribution System Inspections and Records <i>Examples: Distribution system maps. Tap cards. Service line repair/replacement records. Inspection records. Meter installation records.</i>	Records of meter readings and meter replacements. Service line repairs and replacements.	Yes
5. Other Records	Property year built obtained from Llano Central Appraisal District (CAD) and other public information sources.	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	No
Other	Yes		

If "Other", please explain below:

System monitoring and testing.

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 are inspected during the City's annual meter replacement program.

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	No
Customer Self-Identification	No	Water Quality Sampling - Other	No
CCTV Inspection at Curb Box - External	No	Mechanical Excavation	No
CCTV Inspection at Curb Box - Internal	No	Vacuum Excavation	No
Water Quality Sampling - Targeted	Yes	Predictive Modeling	No
Water Quality Sampling - Flushed	Yes	Other	No

If "Other", please explain below:

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

Inventory Summary

PWS Name: City of Sunrise Beach Village
PWSID: TX1500010

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? <i>If other, please explain below.</i> ^x	Other
The City owns to the meter. The Customer owns from the meter to the dwelling.	
2b. Is there documentation that defines service line ownership in your system, such as a local ordinance? <i>If yes, please describe below and explain where ownership is split (e.g., property line, curb stop).</i>	Yes
City Ordinance describes the delineation of ownership at the customer meter, which is located at the property line.	
3a. Describe when lead service lines were generally installed in your system below.	
Lead service lines have not been identified in the system to date and there is no historical record available to document lead service lines ever being installed.	
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.	
Texas State Lead Ban occurred on July 1, 1988. Constructions that occurred after July 1, 1988 were designated as "Non Lead".	
4. Are there lead goosenecks, pigtails or connectors in the system?	No

Part 2. Inventory Summary Table¹

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.**

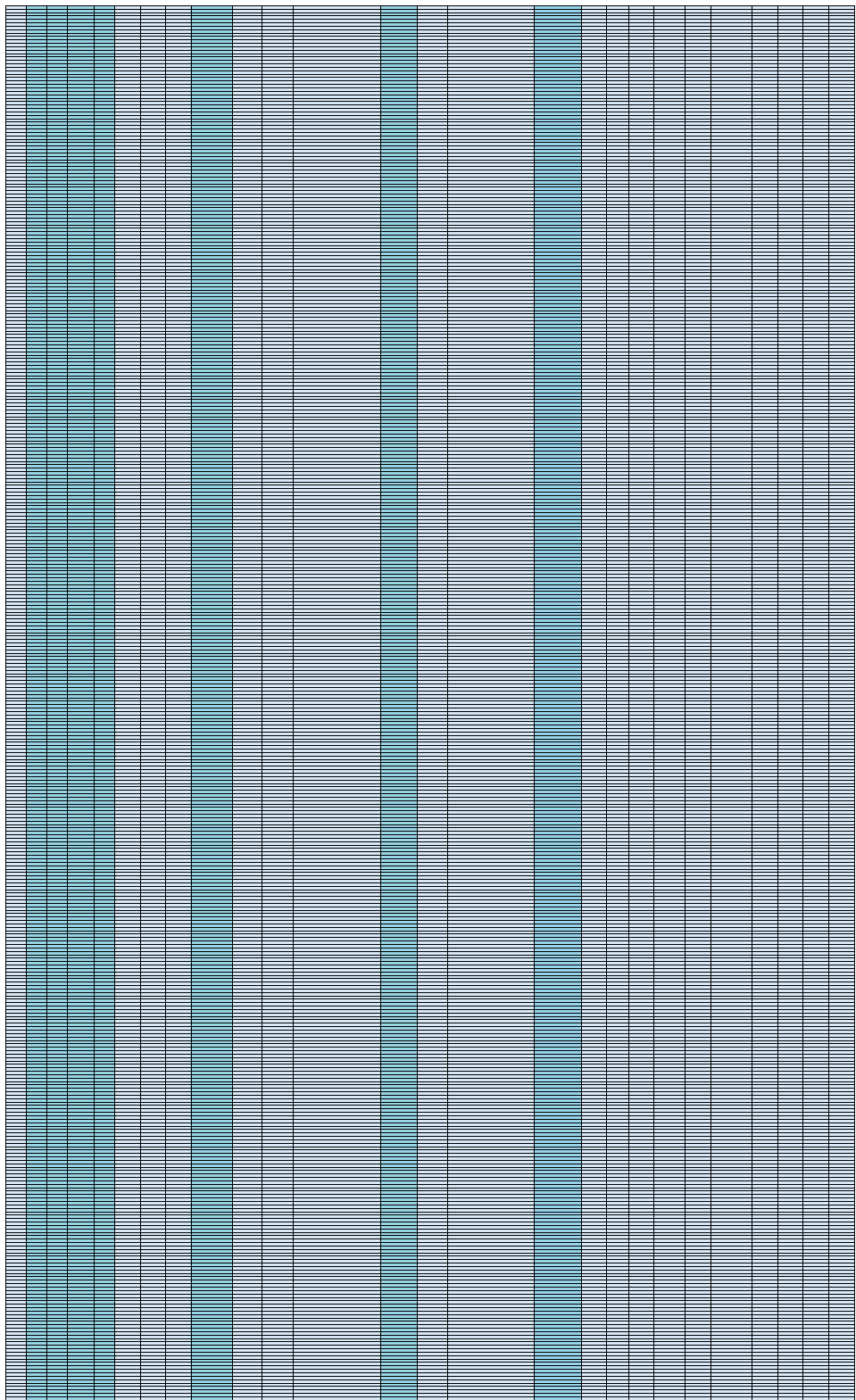
Service Line Material Classification	Definition	Total Number of Service Lines (REQUIRED to be reported under the LCRR) ^x
Lead	Any portion of the service line is known to be made of lead. ²	0
Galvanized Requiring Replacement (GRR)	The service line is not made of lead, but a portion is galvanized and 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.	515
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.	519
TOTAL		1,034

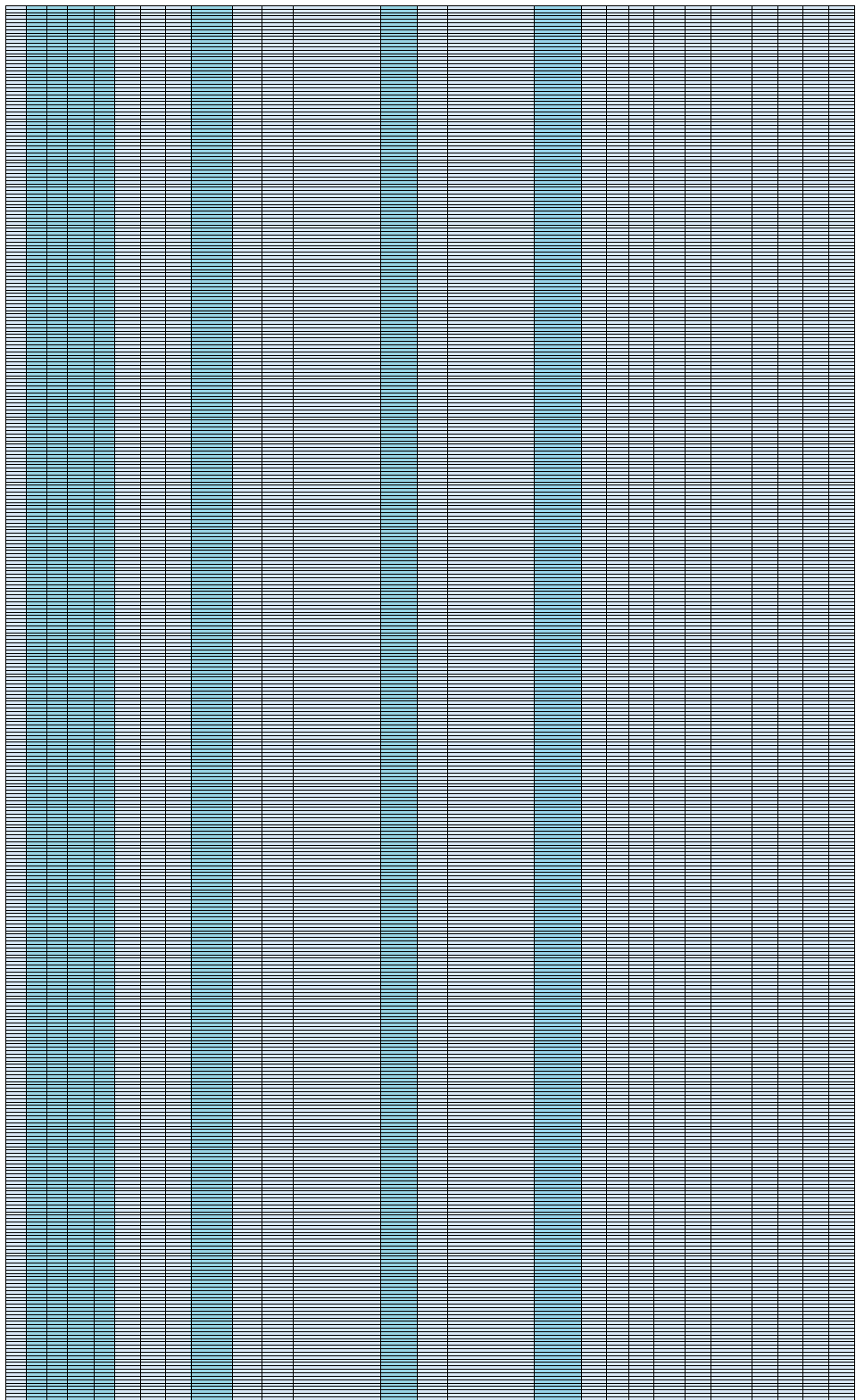
Notes

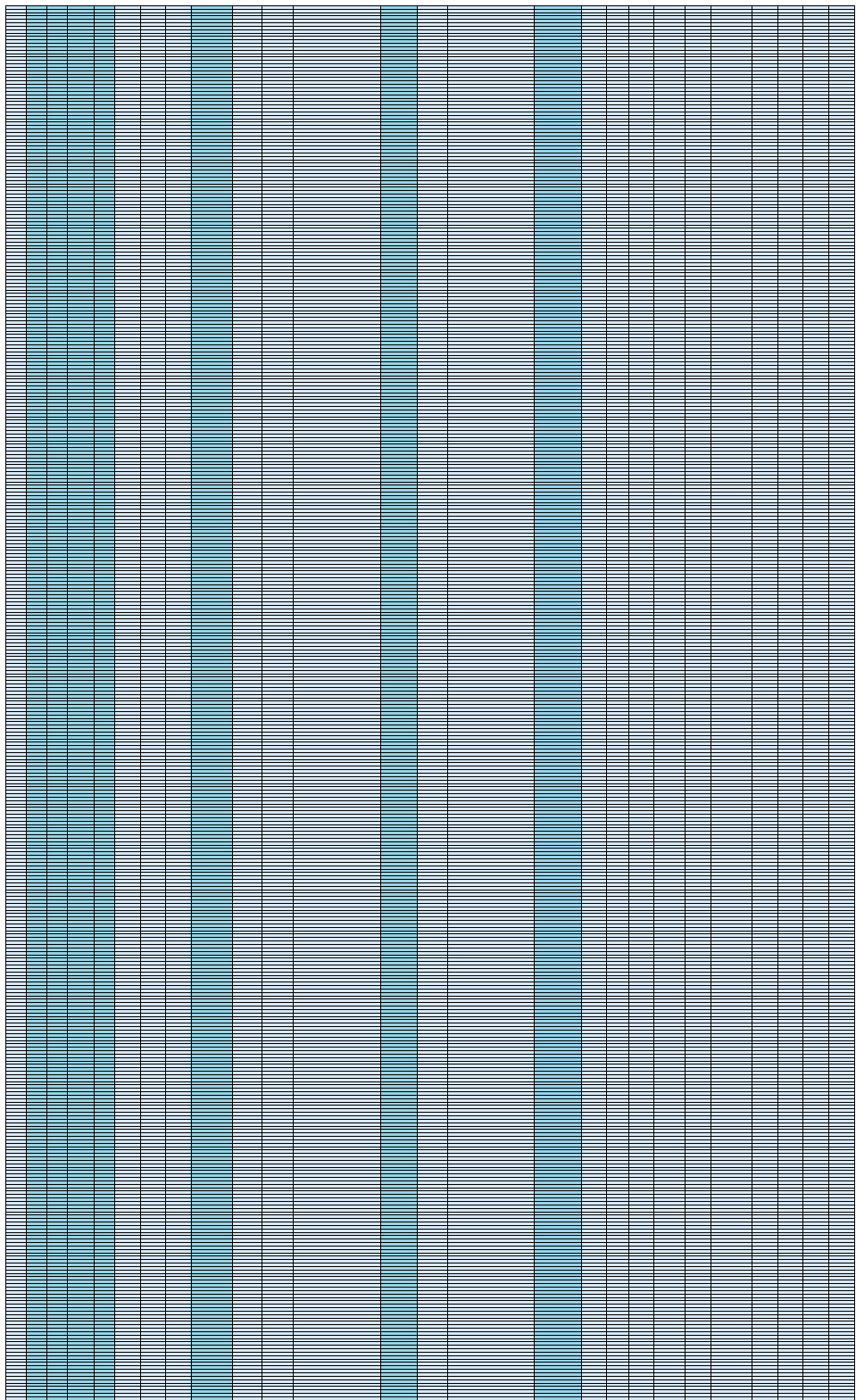
¹ This summary table is for reporting material for the entire service line connecting the water main to the customer's plumbing. See the **Classifying SLs** worksheet for additional guidance on assigning a materials classification to the entire service line when ownership is split. Remember that systems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

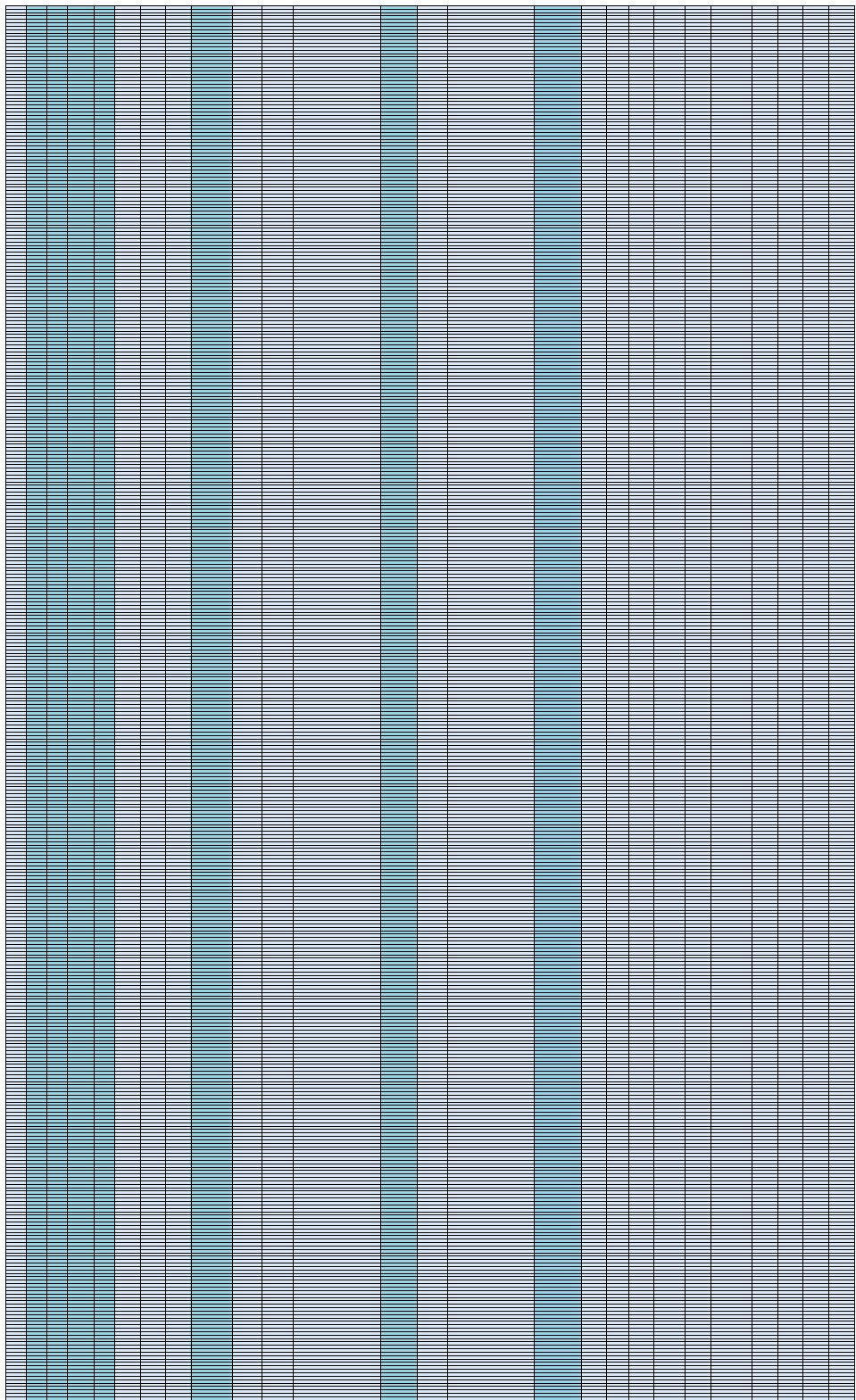
² A lead-lined galvanized service line is consistent with the definition of an LSL under the LCRR ("a portion of pipe that is made of lead, which connects the water main to the building inlet") (40 CFR §141.2) and must therefore be classified in the inventory as an LSL. Do not, however, count non-lead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

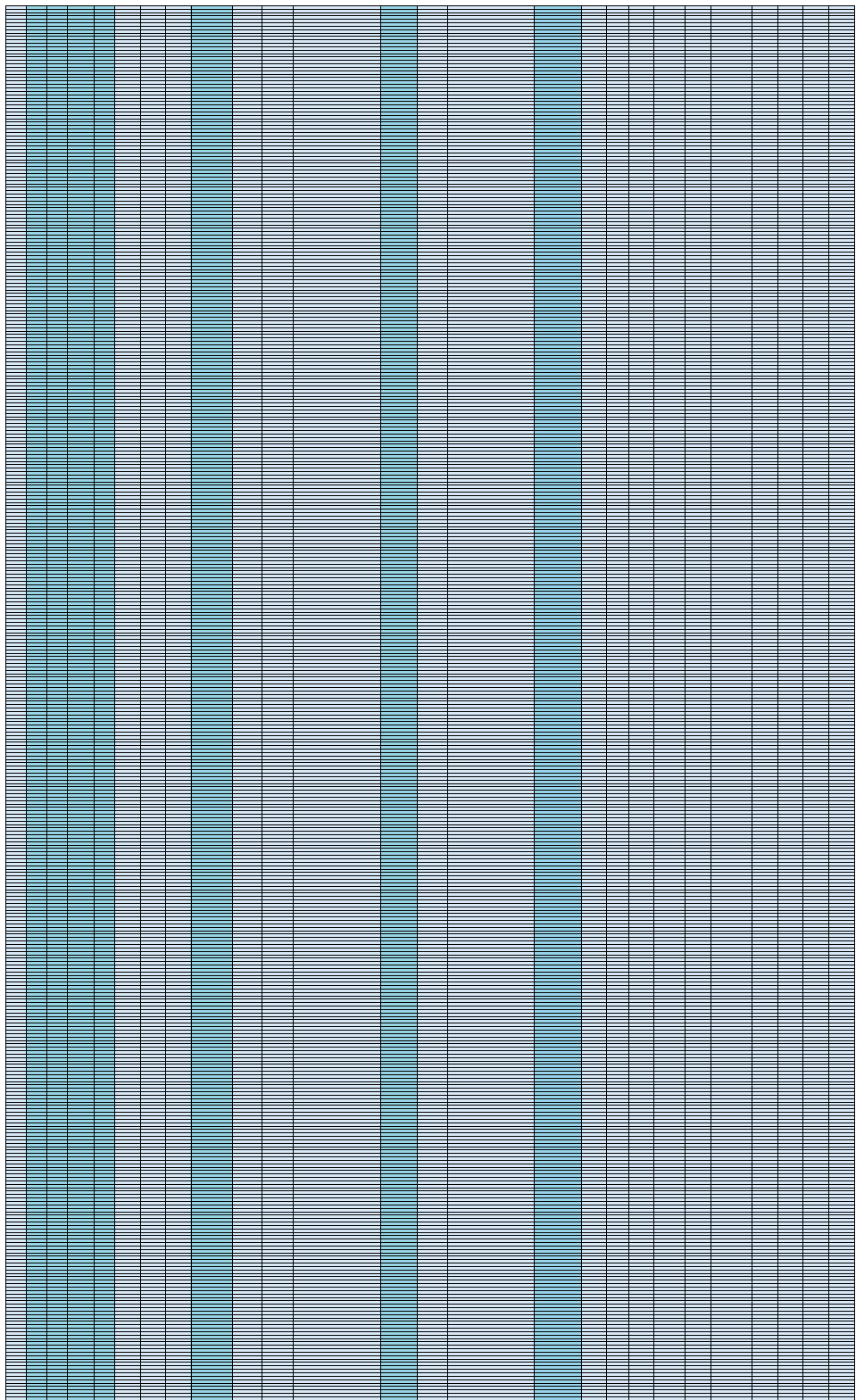
ID	Name	DOB	Gender	Race	Ethnicity	Address	City	State	Zip	Phone	Email	Insurance	Status	Vital Signs		Bloodwork		Immunizations		Mental Health		Social History		Family History		Allergies		Medications		Diagnoses		Procedures		Referrals		Notes										
														BP	HR	Temp	SpO2	Hgb	Hct	WBC	PLT	MMR	Tdap	Flu	Shingles	Depression	Anxiety	Substance Use	Tobacco	Alcohol	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Aspirin	Insulin	Other	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Notes
1	John Doe	1980-01-01	M	White	Hispanic	123 Main St	New York	NY	10001	212-555-1234	john.doe@email.com	Blue Cross	Active	120/80	72	98.6	97	12.5	38	15.0	10.0	MMR	Tdap	Flu	Shingles	Depression	Anxiety	Substance Use	Tobacco	Alcohol	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Aspirin	Insulin	Other	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Notes
2	Jane Smith	1975-03-15	F	Black	African American	456 Oak St	Los Angeles	CA	90001	310-555-5678	jane.smith@email.com	Blue Cross	Active	110/70	68	98.5	95	35.0	42	18.0	12.0	MMR	Tdap	Flu	Shingles	Depression	Anxiety	Substance Use	Tobacco	Alcohol	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Aspirin	Insulin	Other	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Notes
3	Michael Johnson	1990-07-22	M	Asian	Asian American	789 Pine St	Chicago	IL	60601	773-555-9012	michael.johnson@email.com	Blue Cross	Active	130/90	75	98.7	98	14.0	35	16.0	11.0	MMR	Tdap	Flu	Shingles	Depression	Anxiety	Substance Use	Tobacco	Alcohol	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Aspirin	Insulin	Other	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Notes
4	Emily White	1985-11-05	F	White	Hispanic	321 Elm St	San Francisco	CA	94101	415-555-3456	emily.white@email.com	Blue Cross	Active	115/75	70	98.6	96	13.0	30	15.0	10.0	MMR	Tdap	Flu	Shingles	Depression	Anxiety	Substance Use	Tobacco	Alcohol	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Aspirin	Insulin	Other	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Notes
5	David Brown	1970-05-18	M	Black	African American	654 Maple St	Atlanta	GA	30301	404-555-7890	david.brown@email.com	Blue Cross	Active	140/95	78	98.8	99	16.0	40	19.0	13.0	MMR	Tdap	Flu	Shingles	Depression	Anxiety	Substance Use	Tobacco	Alcohol	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Aspirin	Insulin	Other	Diabetes	Hypertension	Heart Disease	Cancer	Stroke	Other	Notes

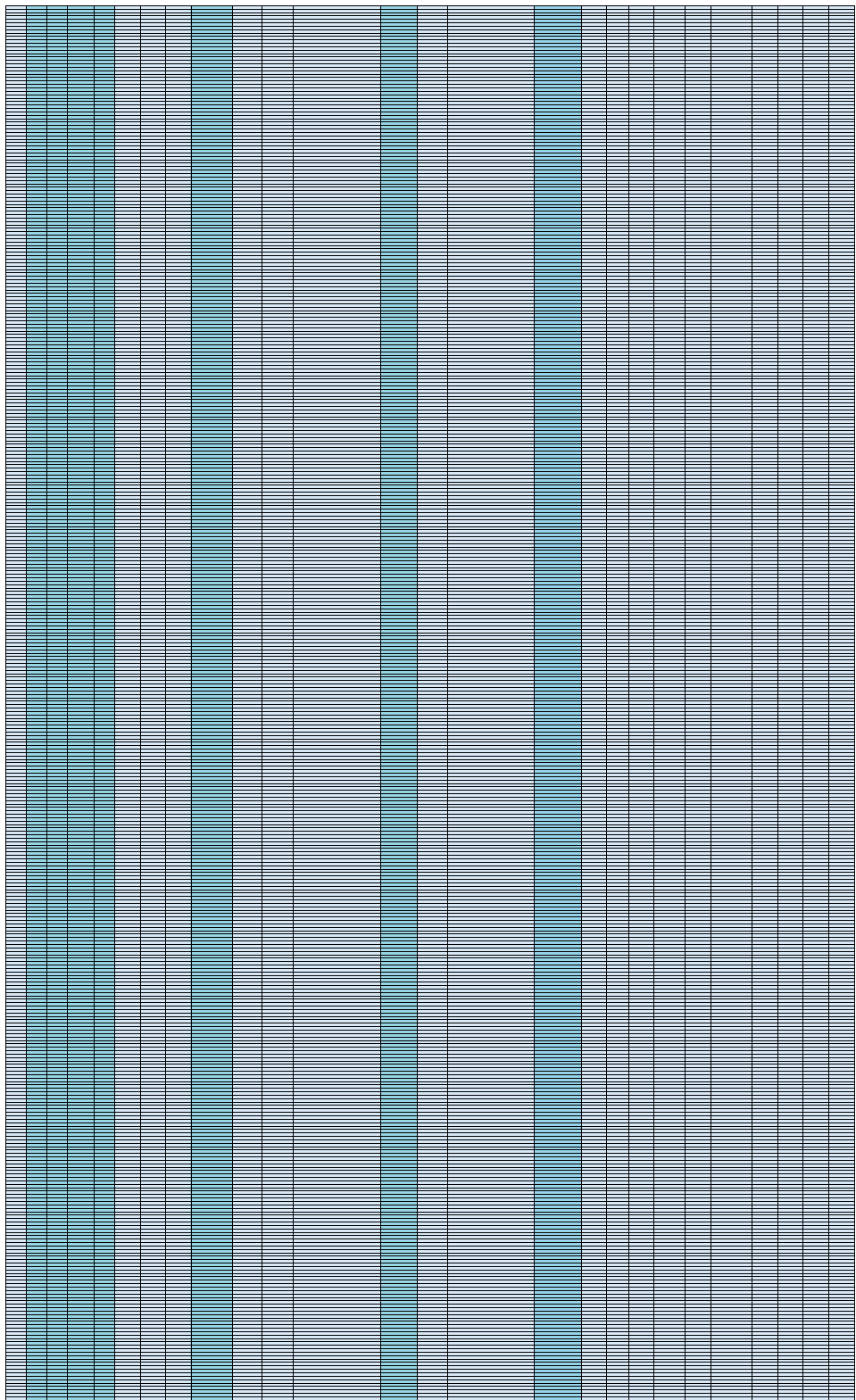


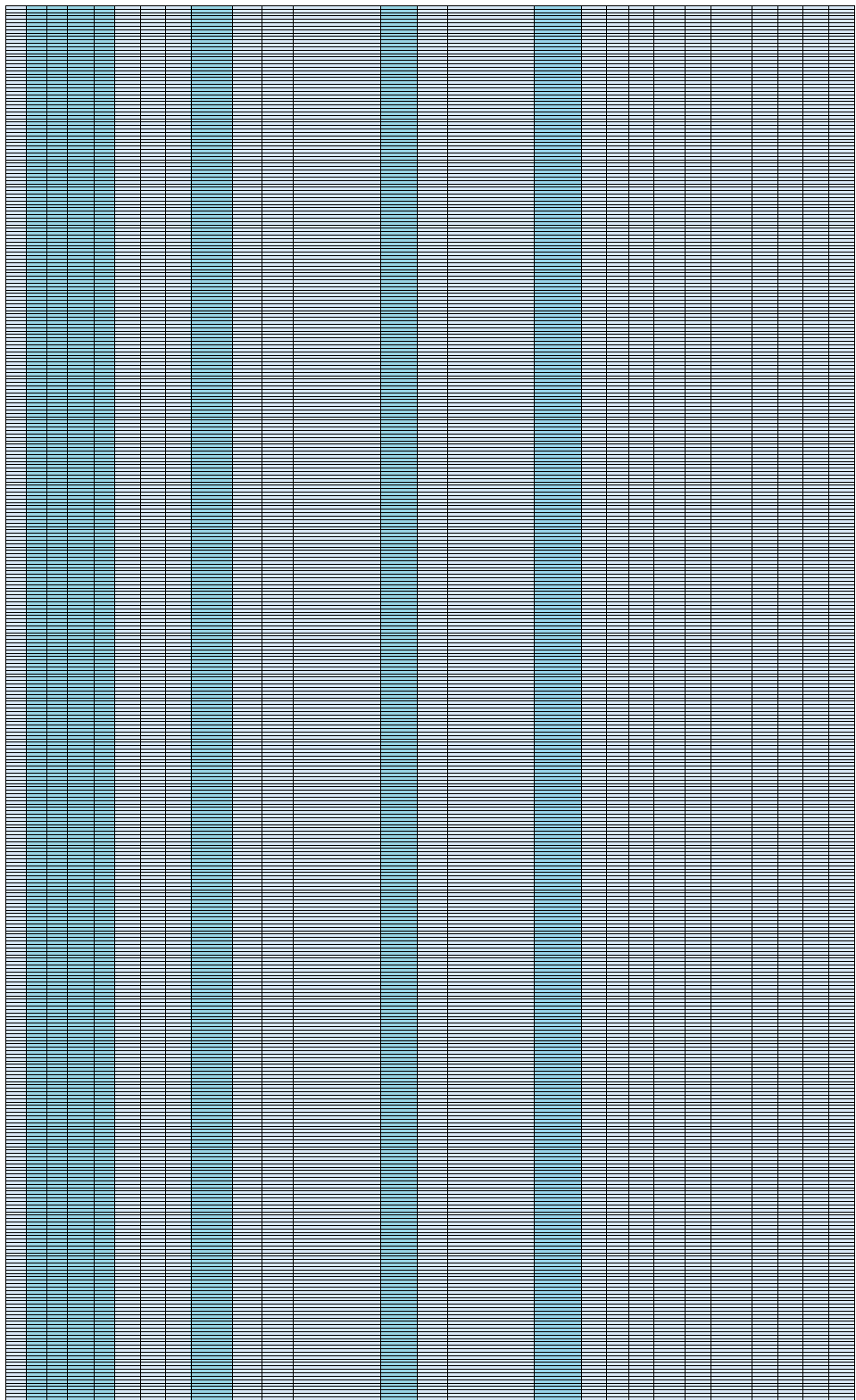


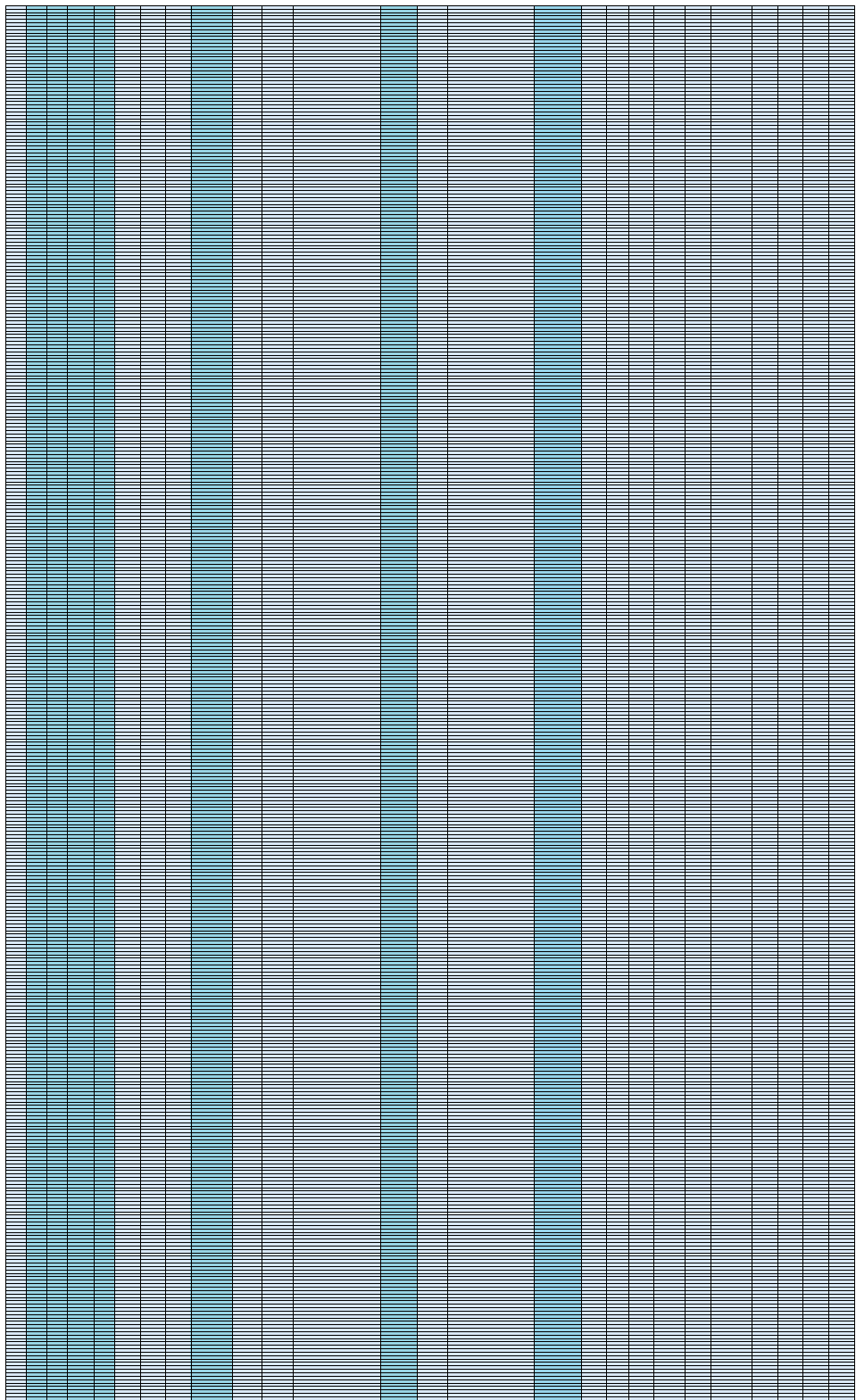


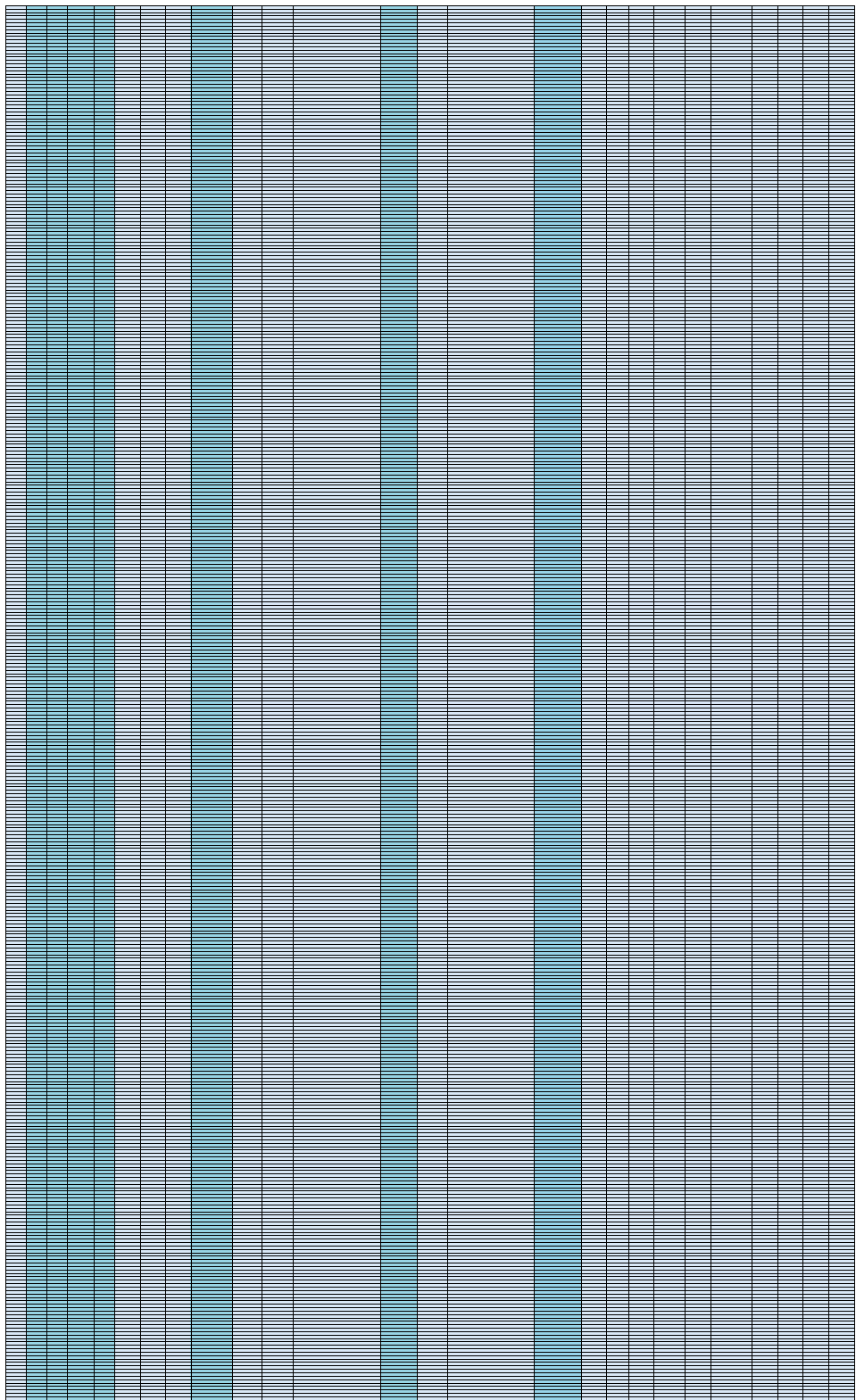


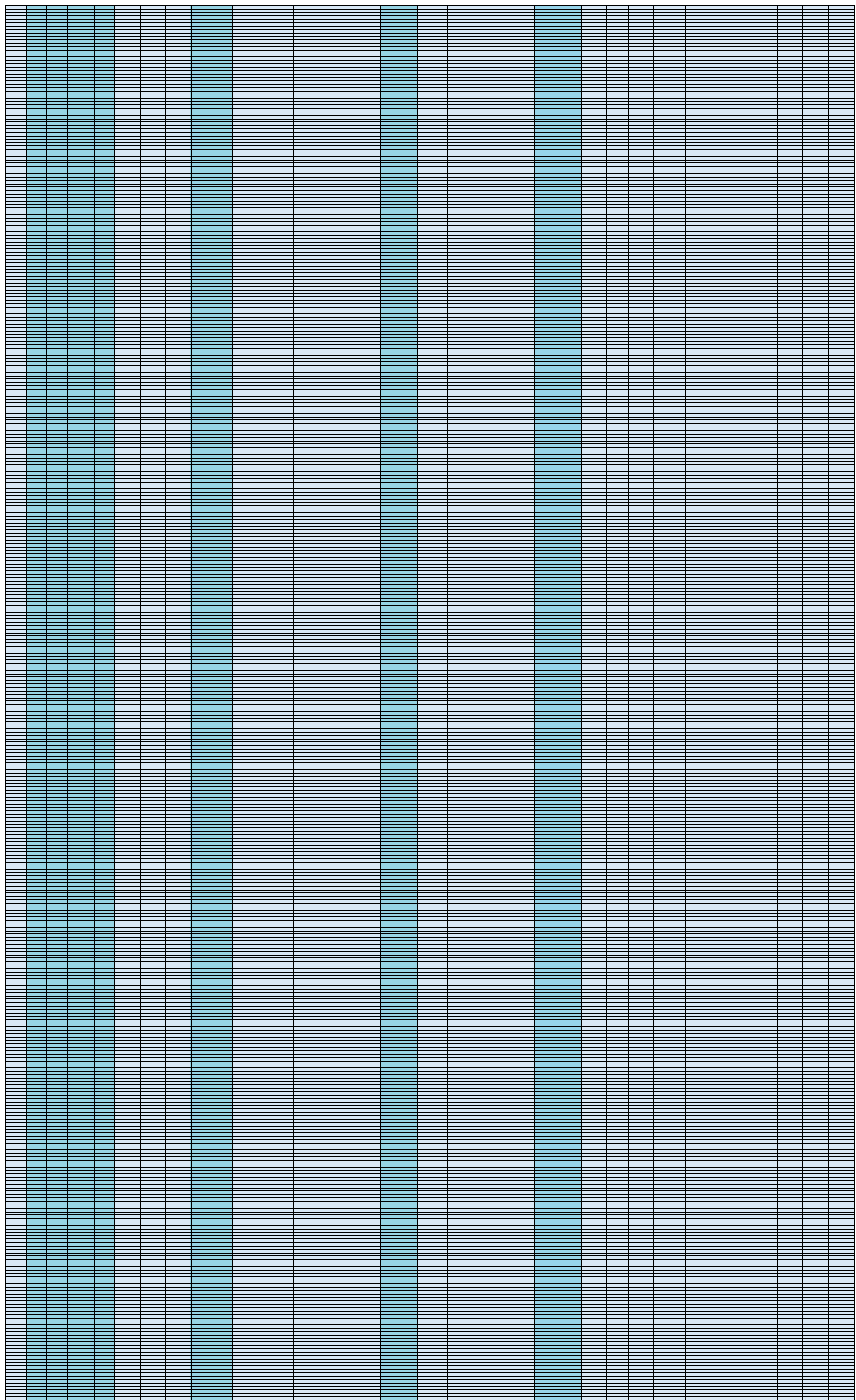




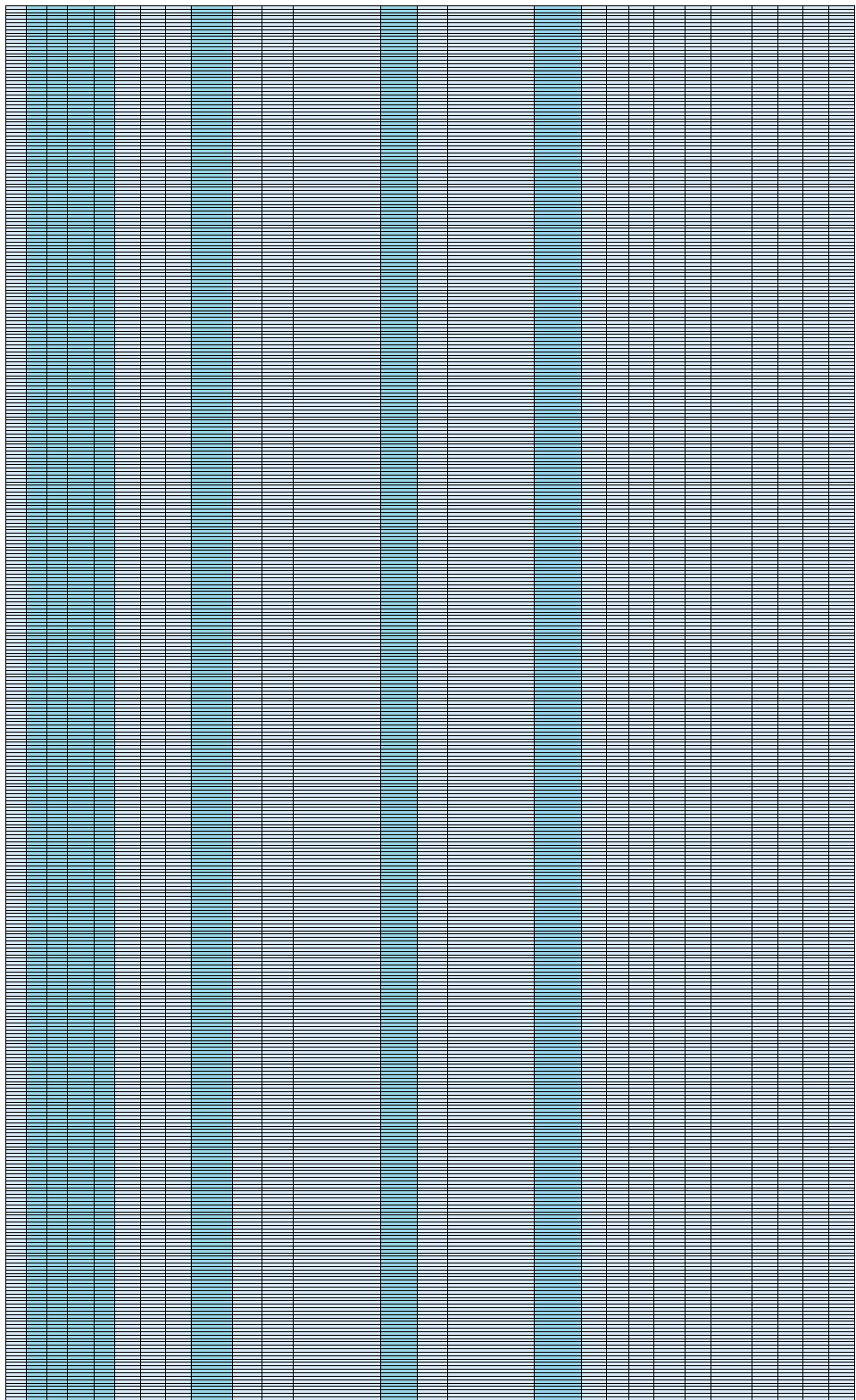




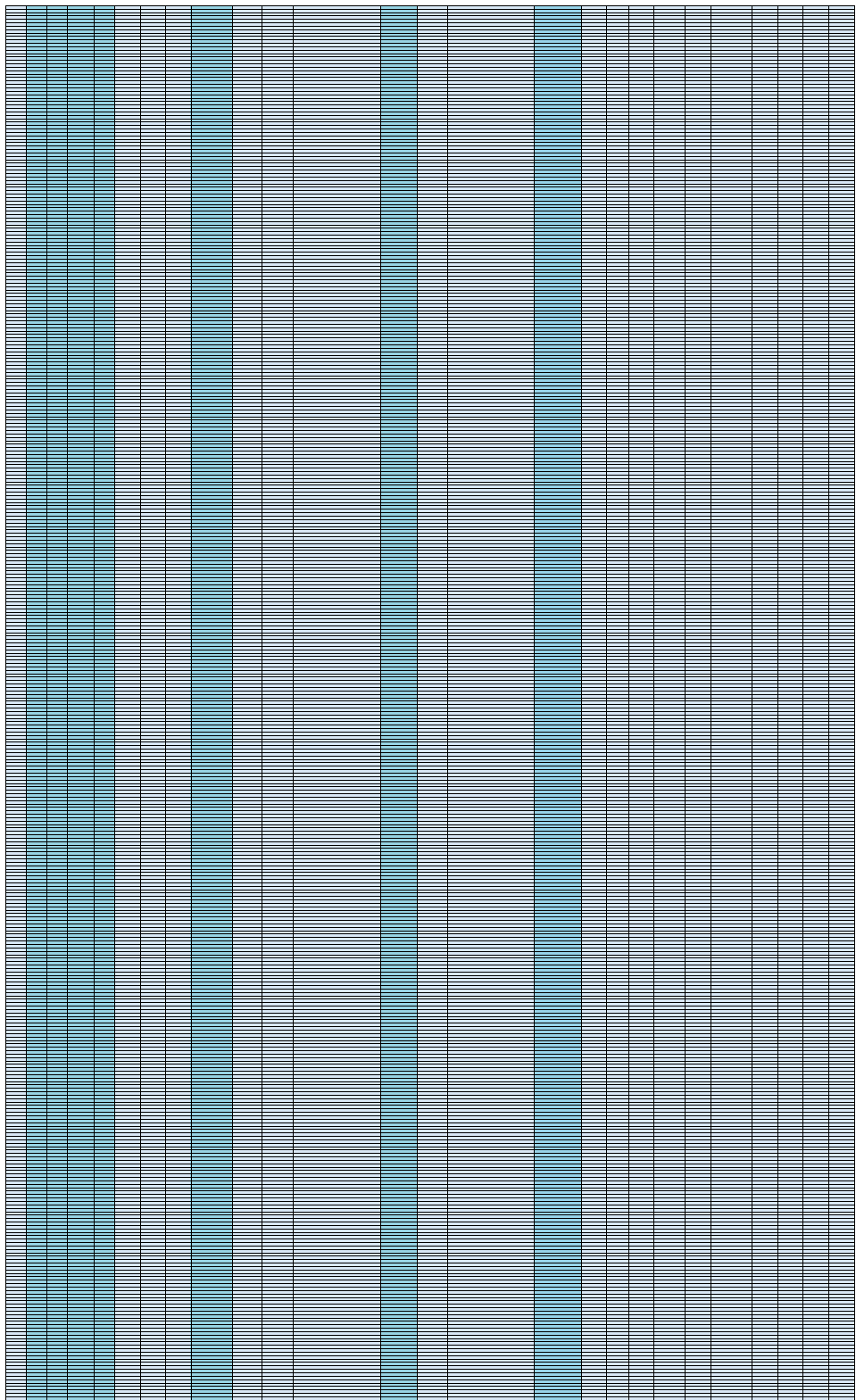




The image displays a large grid of 20 columns and 100 rows. The columns are shaded in an alternating pattern: the 1st, 3rd, 5th, 7th, 9th, 11th, 13th, 15th, 17th, and 19th columns are shaded in a light blue color, while the 2nd, 4th, 6th, 8th, 10th, 12th, 14th, 16th, 18th, and 20th columns are shaded in a light gray color. The grid is composed of thin black lines forming a uniform pattern of small squares.



The image displays a large grid of 20 columns and 100 rows. The columns are shaded in an alternating pattern: the 1st, 3rd, 5th, 7th, 9th, 11th, 13th, 15th, 17th, and 19th columns are shaded in a medium blue color, while the 2nd, 4th, 6th, 8th, 10th, 12th, 14th, 16th, 18th, and 20th columns are shaded in a light gray color. The grid is composed of thin black lines forming a uniform pattern of small squares.



Public Accessibility Documentation

PWS Name: City of Sunrise Beach Village

PWSID: TX1500010

Purpose of this worksheet: For systems to provide documentation to states on how public accessibility requirements of the LCRR were met. *All information on this page is required.*

Remember that the LCRR requires systems to use a location identifier for service lines that are lead and galvanized requiring replacement. Water systems may, but are not required to, include a locational identifier for lead status unknown service lines or list the exact address of each service line (40 CFR §141.84(a)(8)(i)).

1. Select the location identifiers that you use for your service line inventory. Check all that apply.*			
Address	Yes	GPS Coordinates	No
Street	Yes	Other	Yes
<i>If "Other" is Yes, please describe below:</i>			
Unique account numbers and unique meter serial numbers.			
2. Does every service line have a location identifier? <i>If "No", explain below.</i> *			Yes
3. How is the inventory made publicly accessible? Check all that apply. <i>Remember that if your system serves > 50,000 people, you must provide the inventory online.</i> *			
Interactive online map	No	Printed tabular data	Yes
Static online map	No	Information on water utility mailings or newsletter	No
Online spreadsheet	Yes	Hard copy information available in water system office	Yes
Printed service line map	No	Other	No
<i>If "Other" is Yes, please describe below:</i>			

PWS Certification

PWS Name: City of Sunrise Beach Village

PWSID: TX1500010

Certify completion of your lead service line inventory by checking the appropriate boxes below, entering your water system information, and signing the certification. All information on this page is required.

<i>I certify</i>	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.
<i>I certify</i>	As the PWS Representative, I understand that if any additional service lines are subsequently identified as Lead, Galvanized Requiring Replacement, or Lead Status Unknown, the PWS is required to notify the State within 30 days of identifying the service line(s) and must prepare an updated inventory using <u>Lead Service Line Inventory</u> .
<i>I certify</i>	As the PWS Representative, I understand that the PWS should maintain for review any resource, information, or identification method used for the development of this initial inventory. These records do not need to be submitted to TCEQ but should be available for review.
<i>I certify</i>	As the PWS representative, I understand that customers with a lead, galvanized requiring replacement, or lead status unknown service lines should be informed within 30 days of completion of initial LSLI and annually thereafter until the service line is replaced.
<i>I certify</i>	As the PWS representative, I understand that the PWS should provide an updated LSLI in accordance with its tap sampling monitoring period schedule, but no more frequently than annually. The updated LSLI must be submitted within 30 days of the end of each tap sampling period.
<i>Sean Schreiber</i>	The individual providing certification and acknowledgment to the above statements.