

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Availability of Monitoring Data for Unregulated Contaminants for

City of LULING Water System

Our water system has sampled for a series of unregulated contaminants. Unregulated contaminants are those that don't yet have a drinking water standard set by the EPA. The purpose of monitoring for these contaminants is to help EPA decide whether the contaminants should have a standard. As our customers, you have a right to know that these data are available. If you are interested in examining the results, please contact Jamie Ovalle at 830-875-5131 or mail to 509 E. Crockett St. Luling TX 78648.

This notice is being sent to you by the city of Luling water system. State water system ID# TX 0280002.

Date Distributed: _____.

TEXAS WATER DEVELOPMENT BOARD

P.O. BOX 13231, CAPITOL STATION

AUSTIN, TX 78711-3231

2023 WATER AUDIT REPORT

A. Water Utility General Information

1. Water Utility Name CITY OF LULING

1a. Regional Water Planning Area L

1b. Address 509 E CROCKETT ST
LULING, TX 78648-2603

2. Contact Information

2a. Name Bill Schulle Have you completed Water Loss Auditor Training?
 Yes
 No

2b. Telephone Number (512) 738-0782

2c. Email Address wastewatersuper@cityofluling.net

3. Reporting Period

3a. Start Date 01/01/2023

3b. End Date 12/31/2023

4. Source Water Utilization

4a. Surface Water 100.00 %

4b. Ground Water 0.00 %

5. Population Served

5a. Retail Population Served 7,364

5b. Wholesale Population Served 0 Assessment Scale

6. Utility's Length of Main Lines

250.00 miles 0.5

7. Total Retail Metered Connections - Active and Inactive

2,492

7b. Service Connections

2,492

1

8. Number of Wholesale Connections Served

0

9. Service Connection Density

9.97 connections per mile

10. Average Yearly System Operating Pressure

65.00 psi 1.5

11. Volume Units of Measure

Gallons

B. System Input Volume

12. Volume of Water Intake 281,921,000 gallons

13. Produced Water 281,921,000 gallons 1.5

13a. Production Meter Accuracy 99.00 % 1.5

13b. Corrected Input Volume 284,768,687 gallons

14. Total Treated Purchased Water 0 gallons 1.5

14a. Treated Purchased Water Meter Accuracy 99.00 % 1.5

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14b. Corrected Treated Purchased Water Volume	0	gallons	
15. Total Treated Wholesale Water Sales	0	gallons	1.5
15a. Treated Wholesale Water Meter Accuracy	0.00	%	1.5
15b. Corrected Treated Wholesale Water Sales Volume	0	gallons	
16. Total System Input Volume Line 13b + Line 14b - Line 15b	284,768,687	gallons	
C. Authorized Consumption			Assessment Scale
17. Billed Metered	253,997,000	gallons	5
18. Billed Unmetered	0	gallons	1.5
19. Unbilled Metered	0	gallons	1.5
20. Unbilled Unmetered	634,993	gallons	1.5
21. Total Authorized Consumption	254,631,993	gallons	
D. Water Losses			
22. Water Losses Line 16 - Line 21	30,136,694	gallons	
E. Apparent Losses			
23. Average Customer Meter Accuracy	99.00	%	1.5
24. Customer Meter Accuracy Loss	2,565,626	gallons	
25. Systematic Data Handling Discrepancy	634,993	gallons	1.5
26. Unauthorized Consumption	634,993	gallons	1.5
27. Total Apparent Losses	3,835,612	gallons	
F. Real Losses			
28. Reported Breaks and Leaks	0	gallons	0.5
29. Unreported Loss	26,301,082	gallons	0.5
30. Total Real Losses Line 28 + Line 29	26,301,082	gallons	
31. Total Water Losses Line 27 + Line 30	30,136,694	gallons	
32. Non-Revenue Water Line 31 + Line 19 + Line 20	30,771,687	gallons	
G. Technical Performance Indicator for Apparent Loss			
33. Apparent Losses Normalized Line 27 / Line 7b / 365	4.22	gallons lost per connection per day	

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H. Technical Performance Indicators for Real Loss

34. Real Loss Volume	<u>26,301,082</u>	gallons
Line 30		
35. Unavoidable Annual Real Losses Volume	<u>0</u>	gallons
(5.41 * Line 6 + (Line 7b * 0.15)) * 365 * Line 10		
36. Infrastructure Leakage Index	<u>0.00</u>	I.L.I
Line 34 / Line 35		
37. Real Losses Normalized - Service Connections	<u>28.92</u>	gallons lost per
Line 34 / Line 7b / 365		connection per day
38. Real Losses Normalized - Main Lines	<u>288.23</u>	gallons lost per
Line 34 / Line 6 / 365		mile per day

I. Financial Performance Indicators

			Assessment Scale
39. Total Apparent Losses	<u>3,835,612</u>	gallons	
Line 27			
40. Retail Price of Water	<u>0.00365</u>	\$/gallons	<u>5</u>
41. Cost of Apparent Losses	<u>\$14,000</u>		
Line 39 x Line 40			
42. Total Real Losses	<u>26,301,082</u>	gallons	
Line 30			
43. Variable Production Cost of Water	<u>0.002240</u>	\$/gallons	<u>5</u>
44. Cost of Real Losses	<u>\$58,914</u>		
Line 42 x Line 43			
45. Total Cost Impact of Apparent and Real Losses	<u>\$72,914</u>		
Line 41 + Line 44			
46. Total Assessment Score	<u>37</u>		

J. System Losses and Gallons Per Capita per Day (GPCD)

47. Total Water Loss per Connection per Day	<u>33.13</u>	gallons
Line 22 / Line 7b / 365		
	<u>106</u>	
48. GPCD Input		
Line 16 / Line 5a / 365		
	<u>11</u>	
49. GPCD Loss		
Line 31 / Line 5a / 365		

K. Wholesale Factor Adjustments

50. Percent of Treated Wholesale Water Traveling through General Distribution System	<u>0.00</u>	%
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51. Volume of Treated Wholesale Water Traveling through General Distribution System (Line 50/100) * Line 15b	<u>0</u>	gallons
52. Wholesale Factor Line 15b / (Line 13b + Line 14b)	<u>0.00</u>	
53. Adjusted Real Loss Volume ((1 - Line 52) x (Line 30 * Line 50 / 100)) + (Line 30 - (Line 30 * Line 50/100))	<u>26,301,082</u>	gallons
54. Adjusted Cost of Real Losses ((1 - Line 52) x (Line 44 * Line 50 / 100)) + (Line 44 - (Line 44 * Line 50/100))	<u>\$58,914</u>	
55. Adjusted Total Water Loss Volume ((1 - Line 52) x (Line 31 * Line 50 / 100)) + (Line 31 - (Line 31 * Line 50/100))	<u>30,136,694</u>	gallons
56. Adjusted Total Cost Impact of Apparent and Real Losses ((1 - Line 52) x (Line 45 * Line 50 / 100)) + (Line 45 - (Line 45 * Line 50/100))	<u>\$72,914</u>	
57. Adjusted Real Loss Per Connection ((1 - Line 52) x (Line 37 * Line 50 / 100)) + (Line 37 - (Line 37 * Line 50/100))	<u>28.92</u>	gallons lost per connection per day
58. Adjusted Real Loss Per Mile ((1 - Line 52) x (Line 38 * Line 50 / 100)) + (Line 38 - (Line 38 * Line 50/100))	<u>288.23</u>	gallons lost per mile per day
59. Adjusted Infrastructure Leakage Index ((1 - Line 52) x (Line 36 * Line 50 / 100)) + (Line 36 - (Line 36 * Line 50/100))	<u>0.00</u>	I.L.I
60. Adjusted Total Water Loss Per Connection Per Day (((1 - Line 52) x (Line 37 * Line 50 / 100)) + (Line 37 - (Line 37 * Line 50/100))) + Line 33	<u>33.14</u>	gallons
61. Adjusted GPCD Loss ((1 - Line 52) x (Line 49 * Line 50 / 100)) + (Line 49 - (Line 49 * Line 50/100))	<u>11</u>	

Comments