

TEXAS WATER DEVELOPMENT BOARD

P.O. BOX 13231, CAPITOL STATION

AUSTIN, TX 78711-3231

2014 Water Audit Report**A. Water Utility General Information**

1. Water Utility Name: Lost Creek MUD

2. Contact:

2a. Name Dan Strub

2b. Telephone # (512) 972-0349

2c. Email Address dan.strub@austintexas.gov

3. Reporting Period: From 1/1/2014 To 12/31/2014

4. Source Water Utilization, percentage: Surface Water 100 % Ground Water 0 %

5. Population Served:

5a. Retail Population Served 3,330

5b. Wholesale Population Served 0 Assessment Scale

6. Utility's Length of Main Lines, miles 17.89 0

7. Number of Wholesale Connections Served 0

8. Total Retail Metered Connections 1,214

9. Service Connection Density 67.86
(Number of retail service connections / miles of main lines)

10. Average Yearly System Operating Pressure (psi) 55 0

11. Volume Units of Measure: Gallons

B. System Input Volume

12,682,900 gallons

12. Produced Water 0

13. Production Meter Accuracy (enter percentage) 100.00 % 0

12,682,900 gallons

14. Corrected Input Volume 195,523,700 gallons

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15. Total Water Purchased _____ 0
gallons

16. Total Wholesale Water Sales _____ 0

_____ 208,206,600
gallons

17. Total System Input Volume

(Corrected input volume, plus imported water, minus exported water)

Assessment
Scale**C. Authorized Consumption**

18. Billed Metered _____ 189,375,100 _____ 0
gallons

19. Billed Unmetered _____ 0 _____ 0
gallons

20. Unbilled Metered _____ 0 _____ 0
gallons

_____ 2,602,583
21. Unbilled Unmetered _____ 0
gallons

22. Total Authorized Consumption _____ 191,977,683
gallons

D. Water Losses

23. Water Losses _____ 16,228,918
(Line 17 minus Line 22) gallons

E. Apparent Losses

_____ 99.00 _____ 0
%

24. Average Customer Meter Accuracy (Enter percentage) _____ 1,912,880 gallons

25. Customer Meter Accuracy Loss

gallon

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26. Systematic Data Handling Discrepancy 0 0

27. Unauthorized Consumption 520,517 gallons 0

28. Total Apparent Losses 2,433,396 gallons

F. Real Losses 0 gallons 0

29. Reported Breaks and Leaks
(Estimated volume of leaks & breaks repaired during the audit period)

30. Unreported Loss 13,795,521 gallons 0
(Includes all unknown water loss)

31. Total Real Losses 13,795,521 gallons
(Line 29, plus Line 30)

32. Water Losses (Apparent + Real) 16,228,918 gallons
(Line 28 plus Line 31) = Line 23

33. Non-revenue Water 18,831,500 gallons
(Water Losses + Unbilled Authorized Consumption)

(Line 32, plus Line 20, plus Line 21)

G. Technical Performance Indicator for Apparent Loss 5 gallons

34. Apparent Losses Normalized
(Apparent Loss Volume / # of Retail Service Connections/365)

H. Technical Performance Indicators for Real Loss 13,795,521 gallons

35. Real Loss Volume (Line 31)

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	<u>0</u>	gallon s	
36. Unavoidable Annual Real Losses, volume (calculated)			
	<u>0.00000</u>		
37. Infrastructure Leakage Index (calculated) (Equals real loss volume divided by unavoidable annual real losses)			
	<u>31</u>	gallon s	
38. Real Losses Normalized (Real Loss Volume / # of Service Connections / 365) (This indicator applies if service connection density is greater than or equal to 32 / mile)			
	<u>0</u>	gallon s	
39. Real Losses Normalized (Real Loss Volume/Miles of Main Lines/365) (This indicator applies if service connection density is less than 32/mile)			
			Assessment Scale
I. Financial Performance Indicators			
	<u>2,433,396</u>	gallon s	
40. Total Apparent Losses (Line 28)			
	<u>\$0.00426</u>		
41. Retail Price of Water			<u>0</u>
	<u>\$10,366.27</u>		
42. Cost of Apparent Losses (Apparent loss volume multiplied by retail cost of water, Line 40 x Line 41)			
	<u>13,795,521.20</u>		
43. Total Real Losses (Line 31)			
	<u>\$0.00426</u>		
44. Variable Production Cost of Water* (*Note: in case of water shortage, real losses might be valued at the retail price of water instead of the variable production cost.)			<u>0</u>
45. Cost of Real Losses (Real Loss multiplied by variable production cost of water, Line 43 x Line 44)			
	<u>\$58,768.92</u>		
46. Total Assessment Scale			<u>0</u>
47. Total Cost Impact of Apparent and Real Losses	<u>\$69,135.19</u>		
48. Comments	Lost Creek MUD operations assumed by Austin Water on 12/1/2015; assessment scale data unobtainable and defaulted to null values of 2011 report submitted to TWDB.		

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49. Total Water Loss %	7.79	%
50. GPCD (Gallons Per Capita Per Day) Input	171.30	
51. GPCD (Gallons Per Capita Per Day) Loss	13.35	