CITY OF LAFOLLETTE - BOARD OF PUBLIC UTILITIES WATER DEPARTMENT

AV		ree Water Audit S porting Workshe			WAS v5.0 American Water Works Association yright © 2014, All Rights Reserved
Click to access definition Water Audit Report for: LaFollette Utilities Board (0000374) Click to add a comment Reporting Year: 2018 7/2017 - 6/2018					
Places onter data in the white cells below Where available, metered values should	d he used: if	if metered values are unavail	able please estimate a value.	Indicate your confidence in the a	accuracy of the
input data by grading each component (n/a or 1-10) using the drop-down list to the	e left of the in	input cell. Hover the mouse on the mouse of	iver the cell to obtain a descrip	tion of the grades	
To select the correct data grading for each input, the utility meets or exceeds <u>all</u> criteria for				Master Meter and Supply	Error Adjustments
WATER SUPPLIED		< Enter grading	in column 'E' and 'J'	> Pont:	Value:
Volume from own sources:	STATE STATES	9 683,283	MARRIAGO COMPANIA CONTRACTOR CONT		MG/Yr
Water imported: Water exported:			MG/Yr + 1		MG/Yr MG/Yr
		676.518	MON-	Enter negative % or value Enter positive % or value	
WATER SUPPLIED:		676.518	MG/Yr		
AUTHORIZED CONSUMPTION Billed metered:	2 1	10 413.389	MG/Yr	for h	k here: 2000 nelp using option
Billed unmetered:	COLUMN TWO IS NOT THE OWNER.		MG/Yr		ons below
Unbilled metered:	The second second		MG/Yr		Value:
Unbilled unmetered:			MG/Yr	1.25%	MG/Yr
Default option selected for Unbilled unm		processing and the same of the		L Use	buttons to select
AUTHORIZED CONSUMPTION:	?	520.305	MG/Yr	percent	age of water supplied <u>OR</u> value
WATER LOSSES (Water Supplied - Authorized Consumption)		156.213	MG/Yr		
Apparent Losses			1	princes and the same of the sa	Value:
Unauthorized consumption:	+ ?	A Commence of the Commence of	MG/Yr	0.25% O	MG/Yr
Default option selected for unauthorized consu				● O	MG/Yr
Customer metering inaccuracies: Systematic data handling errors:			MG/Yr MG/Yr	0.25% © O	MG/Yr
Default option selected for Systematic data					
Apparent Losses:	7		MG/Yr		
Real Losses (Current Annual Real Losses or CARL) Real Losses = Water Losses - Apparent Losses:	7	153.488	MG/Yr		
WATER LOSSES:		156.213	MG/Yr		
WATER LOSSES:		156.213	MG/Yr		
NON-REVENUE WATER NON-REVENUE WATER:	7	156.213			
NON-REVENUE WATER NON-REVENUE WATER: = Water Losses + Unbilled Metered + Unbilled Unmetered	7				
NON-REVENUE WATER NON-REVENUE WATER: = Water Losses + Unbilled Metered + Unbilled Unmetered SYSTEM DATA	7	262.999	MG/Yr		
NON-REVENUE WATER NON-REVENUE WATER: = Water Losses + Unbilled Metered + Unbilled Unmetered SYSTEM DATA Length of mains:		262.999	MG/Yr		1.5
NON-REVENUE WATER NON-REVENUE WATER: = Water Losses + Unbilled Metered + Unbilled Unmetered SYSTEM DATA		262.999 9 700.0 9 10.063	MG/Yr		
NON-REVENUE WATER - Water Losses + Unbilled Metered + Unbilled Unmetered SYSTEM DATA Length of mains: Number of active AND inactive service connections: Service connection density: Are customer meters typically located at the curbstop or property line?	+ ?	262.999 9 700.0 9 10.063	MG/Yr miles conn./mile main (length of service	ine, <u>beyond</u> the property bounda	ary.
NON-REVENUE WATER = Water Losses + Unbilled Metered + Unbilled Unmetered SYSTEM DATA Length of mains: Number of active AND inactive service connections: Service connection density: Are customer meters typically located at the curbstop or property line? Average length of customer service line:	+ ?	9 700.0 9 10.063 14	MG/Yr miles conn./mile main (length of service that is the response	line, <u>beyond</u> the property bounda ibility of the utility)	nry,
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	er Audit Software: WAS v5.0 Performance Indicators American Water Works Association.
Water Audit Report for: LaFollette Utilities B	
*** YOUR WATER AUDIT DATA VAL	LIDITY SCORE IS: 90 out of 100 ***
•	parent Losses: 2.725 MG/Yr Real Losses: 153.488 MG/Yr Vater Losses: 156.213 MG/Yr
Unavoidable Annual Real Lo	osses (UARL): 241.65 MG/Yr
Annual cost of App	
Annual cost o	f Real Losses: \$86,880 Valued at Variable Production Cost Return to Reporting Worksheet to change this assumpiton
Performance Indicators:	
Non-revenue water as percent by volume of W	/ater Supplied: 38.9%
Financial: Non-revenue water as percent by cost of ope	erating system: 4.2% Real Losses valued at Variable Production Cost
Apparent Losses per service conne	ection per day: 0.74 gallons/connection/day
Real Losses per service conne	ection per day: N/A gallons/connection/day
Operational Efficiency: Real Losses per length of	main per day*: 600.74 gallons/mile/day
Real Losses per service connection per day pe	er psi pressure: N/A gallons/connection/day/psi
From Above, Real Losses = Current Annual Real Lo	osses (CARL): 153.49 million gallons/year
Infrastructure Leakage Index (ILI)	[CARL/UARL]: 0.64
* This performance indicator applies for systems with a low service connection density of less th	nan 32 service connections/mile of pipeline