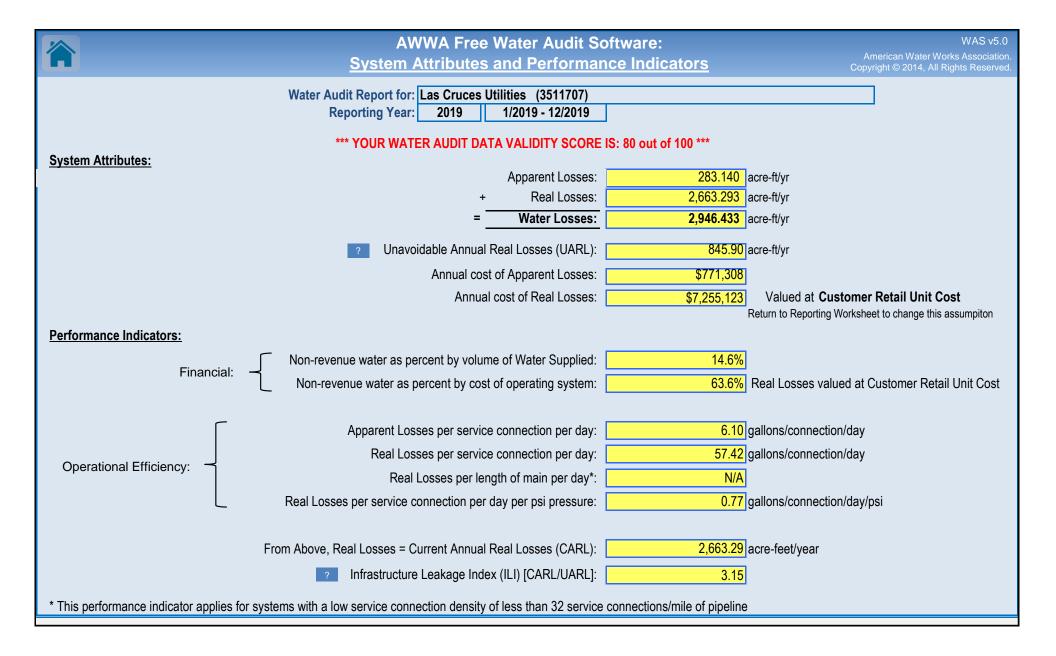
		ee Water Audit S		Ап	WAS v5.0 nerican Water Works Association.	
ш	Rer	oorting Workshee	<u>et</u>		ight © 2014, All Rights Reserved.	
Click to access definition Click to add a comment	Water Audit Report for: Las Cruces Reporting Year: 2019	Utilities (3511707) 1/2019 - 12/2019				
	ow. Where available, metered values should be used; it (n/a or 1-10) using the drop-down list to the left of the i				accuracy of the	
	All volumes to	be entered as: ACRE-l	EET PER YEAR			
	e correct data grading for each input, determine utility meets or exceeds all criteria for that grade			Master Meter and Supply	Error Adjustments	
WATER SUPPLIED	<u>=</u> g	· ·	in column 'E' and 'J'		Value:	
	Volume from own sources: + ?	21,453.000			111.117 acre-ft/yr	
	Water imported: + ? n/a Water exported: + ? n/a	_	acre-ft/yr + ?	<u>● ○</u>	acre-ft/yr acre-ft/yr	
				Enter negative % or value		
	WATER SUPPLIED:	21,341.883	acre-ft/yr	Enter positive % or value f	or over-registration	
AUTHORIZED CONSUMPTION	B.II	10.000.000			here:	
	Billed metered: + ? 9 Billed unmetered: + ? 10	10,220.000	acre-ft/yr acre-ft/yr		elp using option ons below	
	Unbilled metered: + ? 9		acre-ft/yr		Value:	
	Unbilled unmetered: + ? 8	156.850	acre-ft/yr		156.850 acre-ft/yr	
	AUTHORIZED CONSUMPTION: 2	18,395.450	acre-ft/yr		buttons to select centage of water supplied	
WATER LOSSES (Water Supplied	I - Authorized Consumption)	2,946.433	acre-ft/vr	_	OR value	
Apparent Losses	,		,	Pcnt: ▼ \	Value:	
	Unauthorized consumption: + ?		acre-ft/yr	0.25%	acre-ft/yr	
Default opt	ion selected for unauthorized consumption - a	1				
	Customer metering inaccuracies: + ? 8 Systematic data handling errors: + ?	TOTIEES	acre-ft/yr acre-ft/yr	1.00% © O	acre-ft/yr acre-ft/yr	
Default	option selected for Systematic data handling e		*			
	Apparent Losses:	283.140	acre-ft/yr			
5						
Real Losses (Current Annual Rea Real Losses =	Water Losses - Apparent Losses:	2,663.293	acre-ft/yr			
	WATER LOSSES:	2,946.433	acre-ft/yr			
NON-REVENUE WATER					 ,	
	NON-REVENUE WATER:	3,118.883	acre-ft/yr			
= Water Losses + Unbilled Metered + L	Inbilled Unmetered					
SYSTEM DATA	Length of mains: + ? 8	713.0	miles			
Number of activ	e AND inactive service connections: + ? 9		Tilles			
	Service connection density: ?	58	conn./mile main			
Are customer meters typically located at the curbstop or property line? Yes (length of service line, beyond the property						
Average length of customer service line:						
711010.90101.911	Average operating pressure: + ?	75.0	• • • • • • • • • • • • • • • • • • • •			
COST DATA	_					
	. , ,	\$13,357,474	\$/Year			
	it cost (applied to Apparent Losses): + ? uction cost (applied to Real Losses): + ?	\$184.90	\$/acre-ft	Customer Retail Unit Cost to value re	eal losses	
	,					
WATER AUDIT DATA VALIDITY SC	DRE:					
*** YOUR SCORE IS: 80 out of 100 ***						
A weigh	nted scale for the components of consumption and war	ter loss is included in the ca	Iculation of the Water Audit Da	ata Validity Score		
PRIORITY AREAS FOR ATTENTION	i					
Based on the information provided, audit accuracy can be improved by addressing the following components:						
1: Volume from own sources						
2: Unauthorized consumption						
3: Systematic data handling error	S					





AWWA Free Water Audit Software: User Comments

WAS v5.0

American Water Works Association. Copyright © 2014, All Rights Reserved.

Use this worksheet to add comments or notes to explain how an input value was calculated, or to document the sources of the information used. **General Comment: Audit Item** Comment Volume from own sources: Vol. from own sources: Master meter error adjustment: Water imported: Water imported: master meter error adjustment: Water exported: Water exported: master meter error adjustment: **Billed metered:** Billed unmetered: Unbilled metered: Includes water used for sewer clean-out.

Audit Item	Comment		
Unbilled unmetered:	Includes water used for well blow out, line cleaning and unmetered fire training.		
Unauthorized consumption:			
Customer metering inaccuracies:	In 2019, LCU replaced a significant portion of its meters. Since the replacement process was ongoing, there was no need to test existing meters. However, it is likely some errors resulted from the conversion process, so we have assigned a grade of 8 to this category.		
Systematic data handling errors:			
Length of mains:			
Number of active AND inactive service connections:			
Average length of customer service line:			
Average operating pressure:			
Total annual cost of operating water system:			
Customer retail unit cost (applied to Apparent Losses):			
Variable production cost (applied to Real Losses):			