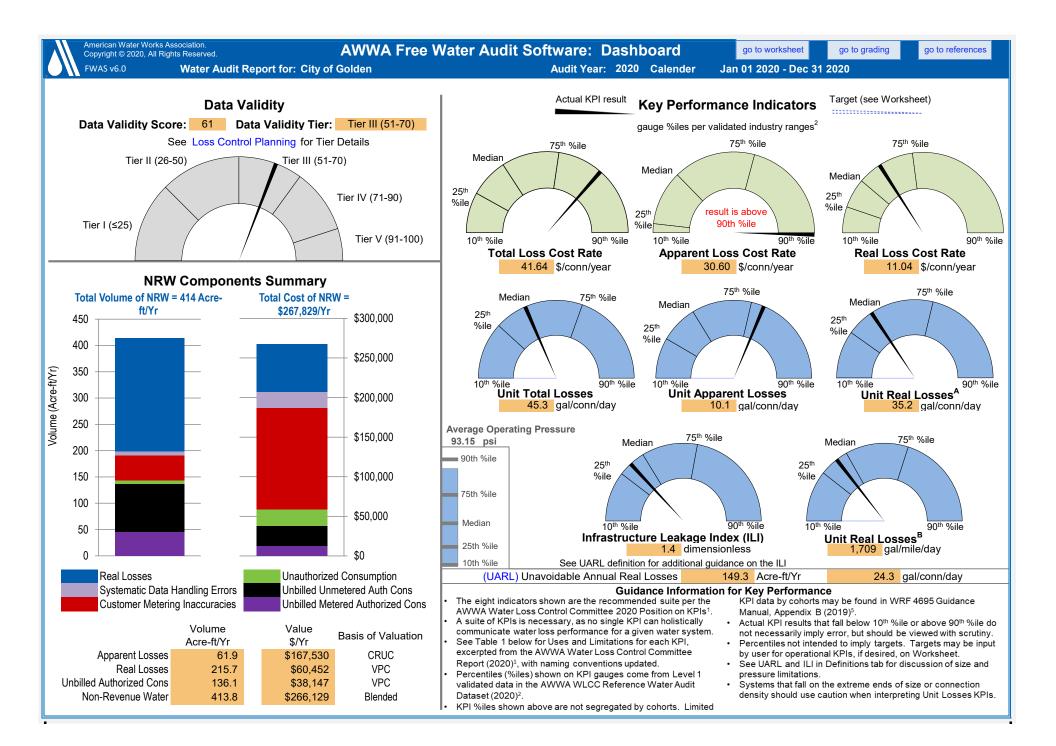
Please direct questions to Katie Schwaab at 303-384-8180

	AWWA Free Water Audit Software: Worksheet		FWAS v6.0 ican Water Works Association. t © 2020, All Rights Reserved.
	Water Audit Report for: City of Golden		
	Audit Year: 2020 Jan 01 2020 - Dec 31 2020 Calender		
	Click 'n' to add notes Click 'g' to determine data validity grade To edit water system info: go to start page]	
	To access definitions, click the input name All volumes to be entered as: ACRE-FEET PER YEAR		
	Water Supplied Error Adj	justments	
	WATER SUPPLIED choose entry option:		
VOS WI	Volume from Own Sources: n g 5 3,441.330 Acre-ft/Yr n g 10 volume 1.440 Water Imported: n g n/a 0.000 Acre-ft/Yr n g 10 volume 1.440	acre-ft/yr ov	ver-registration VOSEA WIEA
WE	Water Exported: n g n/a 0.000 Acre-ft/Yr		WEEA
	WATER SUPPLIED: 3,439.890 Acre-ft/Yr		
BMAC	AUTHORIZED CONSUMPTION Billed Metered: n g 9 3,025.730 Acre-ft/Yr		
BUAC	Billed Unmetered: n g 5 0.410 Acre-ft/Yr		
UMAC UUAC	Unbilled Metered: n g 4 45.520 Acre-ft/Yr choose entry option: Unbilled Unmetered: n g 5 90.607 Acre-ft/Yr custom 90.607	acre-ft/yr	
00/10		acie-lu yi	
	AUTHORIZED CONSUMPTION: 3,162.267 Acre-ft/Yr		
	WATER LOSSES 277.623 Acre-ft/Yr		
	Apparent Losses		
SDHE	Default option selected for Systematic Data Handling Errors, with automatic data grading of 3 choose entry option: Systematic Data Handling Errors: n g 3 7.565 Acre-ft/Yr 0.25% default		
CMI	Customer Metering Inaccuracies: n 9 3 46.770 Acre-ft/Yr 1.50% percent	un	der-registration
UC	Unauthorized Consumption: n 9 3 7.565 Acre-ft/Yr 0.25% default		
	Default option selected for Unauthorized Consumption, with automatic data grading of 3		
	Apparent Losses: 61.901 Acre-ft/Yr		
	Real Losses		
	Real Losses: 215.722 Acre-ft/Yr		
	WATER LOSSES: 277.623 Acre-ft/Yr		
	NON-REVENUE WATER NON-REVENUE WATER: 413.750 Acre-ft/Yr		
		-	
1 m	SYSTEM DATA		
Lm Nc	Length of mains: n g 10 112.7 miles (including fire hydrant lead lengths) Number of service connections: n g 10 5,475 (active and inactive)		
	Service connection density: 49 conn./mile main		
	Are customer meters typically located at the curbstop/property line? Yes		
Lp	n g 10		
AOP	Average length of customer service line has been set to zero and a data grading of 10 has been applied Average Operating Pressure: n g 6 93.2 psi		
	COST DATA		
CRUC	Customer Retail Unit Charge: n g 10 \$8.39 \$/1000 gallons (US) Total Annual Op	perating Cost	
VPC	Variable Production Cost: n g 3 \$280.23 \$/acre-ft \$5,968	3,840 \$/y	/r (optional input)
	WATER AUDIT DATA VALIDITY TIER:		
	*** The Water Audit Data Validity Score is in Tier III (51-70). See Dashboard tab for additional outputs. ***	go to	
	A weighted scale for the components of supply, consumption and water loss is included in the calculation of the Water Audit Data Validity Score	dashboard	
	PRIORITY AREAS FOR ATTENTION TO IMPROVE DATA VALIDITY: KEY PERFORMANCE INDICATOR TARGET	TS-	
	Based on the information provided, audit reliability can be most improved by addressing the following components: OPTIONAL: If targets exist for the operational pe		re they can be input below
	I: Volume from Own Sources (VOS) Unit Total Losses:		il/conn/day
	2: Billed Unmetered (BUAC) Unit Apparent Losses:		il/conn/day
	3: Customer Metering Inaccuracies (CMI) Unit Real Losses^:		il/conn/day
	Unit Real Losses ^a :		I/mile/day
	If entered above by user, targets will display o	on KPI gauges (see	Dashboard)



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