

2020 Water Produced VS Sold

	Produced	Sold	Difference
Jan	4,037,657	3,838,945	-198,712
Feb	3,925,171	2,324,537	-1,600,634
Mar	4,368,384	4,192,981	-175,403
Apr	3,924,082	4,165,439	+241,357
May	3,849,143	3,515,652	-333,491
Jun	5,138,622	3,583,653	-1,554,968
Jul	7,465,916	4,315,257	-3,150,659
Aug	8,944,716	6,975,683	-1,969,033
Sep	6,515,063	8,390,241	+1,875,178
Oct	4,276,763	5,800,231	+1,523,468
Nov	3,797,425	4,003,221	+205,796
Dec	3,675,879	3,390,579	-285,300
Total	59,918,821 Gallons	54,496,419 Gallons	

Water Loss 2020 5,422,405 Gallons

Water Loss 2019 9,336,762 Gallons

Difference between 2019 to 2020 water loss 3,914,357 Gallons

2020 VS 2019 Water Usage

2020	VS	2019	Difference
Jan 3,838,945		3,901,892	-62,947
Feb 2,324,537		3,570,623	-1,246,086
Mar 4,192,981		3,785,845	+407,136
Apr 3,924,082		3,600,154	+323,928
May 3,849,143		6,213,741	-2,364,598
Jun 5,138,622		8,340,001	-3,201,379
Jul 4,315,257		7,791,972	-3,476,715
Aug 6,975,683		7,694,076	-718,391
Sep 8,390,241		5,413,449	+2,976,792
Oct 5,800,231		4,014,114	+1,786,117
Nov 4,003,221		3,453,619	+549,602
Dec 3,390,579		4,180,589	-790,010
Total 54,496,419 Gallons		61,400,108 Gallons	6,311,193 Gallons

2019	2018
61,400,108	66,819,497

2017	2016
90,613,270	72,272,369

2020 Water Produced

	Well #1	Well #2	Total	AGPD
Jan	2,131,437	1,906, 220	4,037,657	130,247
Feb	1,942,901	1,982,270	3,925,171	140,185
Mar	2,262,089	2,106,295	4,368,384	140,916
Apr	2,042,582	1,881,500	3,924,082	130,803
May	2,096,542	1,752,601	3,849,143	124,166
Jun	2,830,923	2,307,699	5,138,622	171,287
Jul	4,249,782	3,216,134	7,465,916	240,836
Aug	5,041,504	3,903,212	8,944,716	288,539
Sep	3,177,028	3,338,035	6,515,063	217,169
Oct	3,604,365	626,398	4,276,763	137,960
Nov	3,170,781	626,644	3,797,425	126,580
Dec	1,984,629	1,691,230	3,675,879	118,577
Total	34,534,563 Gallons	25,384,238 Gallons	59,918,821 Gallons	164,161 Gallons

59,918,821 Gallons produced in 2020

61,400,108 Gallons produced in 2019

1,481,287 Gallons decrease in 2020

5,419,389 Gallons decrease in 2019

2020 Water Loss

Leaks	1,000,000	
Broken/slow meters	1,000,000	
Line Flushing	500,000	
Vactor Truck	75,000	
Contractor use	150,000	
Calcite tanks flushing	100,000	
Sewer Line Flushing	75,000	
Res, Cleaning	100,000	
	Total	3,000,000 Gallons
	Produced water vs sold Difference	5,422,405 Gallons
	Accounted for water	-3,000,000 Gallons
	Total	2,422,405 Gallons

$2,422,405 \text{ Divided by } 59,918,821 = .040 \times 100 = 4\%$

4% Water loss in 2020

10% is acceptable

2020 Water Rights

1 acre foot = 43,560 cubic feet

$43,560 \times 7.48 = 325,829$ gallons

The City of Tenino has 270 acre feet per year 87,973,830 gallons per year

87,973,830 gallons per year – 59,918,821 gallons produced in 2020 = 28,055,009 gallons

28,055,009 gallons divided by 325,829 = 86 acre feet

28,055,009 divided by 73,000 = 384 ERU'S

2019 364 ERU'S

2018 290 ERU'S

1 ERU = 200 GPD (gallons per day) x 365 = 73,000 Gallons

Previous Million Gallons per year

2009	76,105,300
2010	66,811,700
2011	66,353,600
2012	63,308,600
2013	58,627,559
2014	59,790,239
2015	69,557,698
2016	72,272,369
2017	90,613,270
2018	66,819,497
2019	61,400,108
2020	59,918,821