

Year of Validated Report	2021*	2022	2023	2024
Validation Company/Person	NA	Cavanaugh/Drew Blackwell	Esource/Jessica Jagdeo	Cavanaugh/Larry Lewison
Water System Service Population	574,665	581,900	591,000	599,683
Volume From Own Sources (VOS)	24,022.020	25,256.971	25,946.194	25,525.946
Water Imported (WI)	196.080	452.384	433.861	490.099
Water Exported (WE)	-	-	-	-
Water Supplied	24,144.556	25,674.045	26,433.239	26,105.149
Billed Metered (BMAC)	21,383.873	21,349.710	22,517.400	23,025.270
% BMAC/WS	0.886	0.832	0.852	0.882
Unbilled Metered (UMAC)	110.657	97.880	1,515.445	1,099.553
Unbilled Unmetered (UUAC)	922.068	1,660.986	55.858	101.504
Authorized Consumption	22,416.598	23,108.756	24,088.703	24,226.327
Systematic Data Handling Errors (SDHE)	3.114	6.701	56.294	57.632
Customer Metering Inaccuracies (CMI)	287.100	571.041	621.872	297.490
Unauthorized Consumption (UC)	53.460	53.374	56.294	57.362
Water Losses	1,727.958	2,565.469	2,344.536	1,878.822
Annual Volume of Apparent Losses	343.674	631.116	734.459	412.616
Annual Volume of Real Losses	1,727.958	1,934.353	1,610.077	1,466.205
Non Revenue Water	2,760.683	4,324.335	3,915.839	3,079.879
Length of Mains	1,974	1,986	2,010	2,044
Number of Active and Inactive Service Connections	124,505	124,845	126,640	192,741
Average Operating Pressure	71.6	71.6	67.3	69.9
Total Annual Cost of Operating Water System	\$38,222,104.00	\$38,085,075.00	\$51,833,791.00	\$53,356,700.00
Customer Retail Unit Cost	\$10.14	\$5.19	\$4.45	\$6.92
Variable Production Cost	\$289.48	\$333.19	\$438.47	\$450.15
Unavoidable Annual Real Losses (UARL) vol/Yr	767.20	770.20	733.80	1,019.10
Annual Volume of NRW	2,760.700	4,324.300	3,915.839	3,079.900
Annual Cost of Apparent Losses	\$3,470,292	\$3,262,836	\$3,111,036	\$2,767,581
Annual Cost of Real Losses	\$400,726	\$644,507	\$705,976	\$660,019
Annual Cost of NRW	\$4,169,968.00	\$4,493,380.00	\$4,505,987.00	\$3,968,261.00
Unit Apparent Losses gal/conn/day	7.60	13.80	15.90	5.90
Unit Real Losses gal/conn/day	30.50	42.40	34.80	20.80
Unit Real Losses gal/mile/day	1,921.00	2,668.00	2,194.00	1,966.00
Total Loss Cost Rate \$/conn/yr	\$31.09	\$31.30	\$30.14	\$17.78
Apparent Loss Cost Rate \$/conn/yr	\$27.87	\$26.14	\$24.57	\$14.36
Real Loss Cost Rate \$/conn/yr	3.22	5.16	5.57	3.42
Infrastructure Leakage Index (ILI)	1.8	2.5	2.2	1.4
Water Audit Data Validity Score	89	85	83	83