

ENVIRONMENTAL LABORATORY CITY OF AMARILLO, TEXAS

The following information pertains to waters received, treated, and delivered by the Osage Water Treatment Plant.

Time Interval: 03/18 - 02/19 (12 months)

Each entry is an average of 12 numbers taken from 12 weekly analysis sheets. Normally one weekly analysis, which is most representative, is sent to City Hall each month. 52 weekly analyses are conducted each year.

All parameters given as parts per million (mg/L) except items 27, 28, 29 & 30.

PARAMETER	RAW WATER CRMWA SUPPLY	FILTERED WATER TAKEN THROUGH PLANT TREATMENT PROCESS	WELL WATER CARSON COUNTY / POTTER WELL	FINISHED WATER BLENDED DRINKING WATER WHICH CONTAINS FILTERED & WELL WATERS
1) Total Hardness (as CaCO ₃)	258	256	173	248
2) Calcium (as Ca)	55.7040	54.9996	36.9543	53.0919
3) Magnesium (as Mg)	28.9206	28.8141	19.6635	27.8854
4) Aluminum (as Al)	0.0009	0.1433	0.0001	0.1326
5) Iron (as Fe)	0.0041	0.0016	0.0019	0.0017
6) Sodium (as Na)	201.2996	198.4666	22.5852	179.9073
7) Potassium (as K)	7.5085	7.4433	4.5247	7.2391
8) Manganese (as Mn)	0.0000	0.0000	0.0000	0.0000
9) Copper (as Cu)	0.0455	0.0014	0.0023	0.0004
10) Zinc (as Zn)	0.0151	0.0153	0.0169	0.0146
11) Lead (as Pb)	0.0009	0.0010	0.0002	0.0011
12) Fluoride (as F)	0.582	0.599	1.064	0.635
13) Chloride (as Cl)	260.570	253.325	7.302	232.546
14) Bromide (as Br)	0.109	0.008	0.018	0.004
15) Nitrate (as N)	1.182	1.215	1.673	1.216
16) Phosphorus (as P)	0.145	0.000	0.000	0.000
17) Sulfate (as SO ₄)	124.485	122.166	12.475	111.354
18) Ammonia (as NH ₃ -N)	0.00	0.00	0.00	0.00
19) Silica (as SiO ₂)	21.3	20.3	28.1	21.1
20) Cyanide (as Cn)	0.00	0.00	0.00	0.00
21) Total Dissolved Solids	833	817	242	755
22) Total Alkalinity (as CaCO ₃)	192.2	187.6	187.3	186.7
23) P. Alkalinity (as CaCO ₃)	0.7	0.0	0.0	0.0
24) Dissolved Oxygen	7.75	10.05	8.21	9.30
25) Total Carbon (as C)	45.780	45.035	42.713	43.860
26) Total Organic Carbon (as C)	1.533	1.607	0.191	1.512
27) Specific Conductance (micromhos)	1454	1436	416	1323
28) Turbidity (as NTU)	0.36	0.09	0.06	0.08
29) pH	8.26	7.98	7.70	7.83
30) Temperature °F	63	64	64	66