

CRMWD WATER QUALITY: Chemical/Physical Analyses of Raw Water

	Reservoir Pump Stations					Well Field Pump Station
	O. H. Ivie	E. V. Spence	Moss Creek	J. B. Thomas Base 3	J. B. Thomas Base 4	Ward County (TPS)
Date Sample Collected	2/2/2026	2/17/2026	2/2/2026	2/2/2026	2/2/2026	2/3/2026
Parameter Analyzed						
Alkalinity, Total (mg/L as CaCO₃)	136	179	146	161	161	178
Hardness, Total (mg/L as CaCO₃)	355	687	682	170	165	433
pH (Standard Units)	8.1	7.9	8.5	8.4	8.4	7.5
Specific Conductance (µmhos/cm)	1,212	4,009	4,052	623	630	2,892
Solids, Total Dissolved (mg/L)	653	2,370	2,393	327	307	1,587
Temperature (°C)	9.5	16.0	7.8	7.5	5.7	17.6
Ammonia (mg/L as N)	< 0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chloride (mg/L)	195	904	937	69	69	644
Fluoride (mg/L)	0.4	0.4	0.5	0.6	0.6	2.3
Nitrate (mg/L as N)	<0.2	<0.2	<0.2	<0.2	<0.2	0.8
Nitrite (mg/L as N)	< 0.02	<0.02	<0.02	< 0.02	<0.02	<0.02
Phosphate, ortho (mg/L as P)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Phosphorus, Total (mg/L as P)	< 0.1	<0.1	<0.1	<0.1	<0.1	< 0.1
Sulfate (mg/L)	167	465	476	48	48	251