

## CRMWD WATER QUALITY: Chemical/Physical Analyses of Raw Water

Parameter Analyzed	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)
	2/13/2023 <sup>1</sup>	2/6/2023	2/6/2023	2/13/2023	2/6/2023	2/7/2023
Alkalinity, Total (mg/L as CaCO <sub>3</sub> )	135	152	156	170	170	159
Hardness, Total (mg/L as CaCO <sub>3</sub> )	496	563	536	165	175	304
pH (Standard Units)	7.7	8.4	7.5	8.2	8.3	7.4
Specific Conductance (µmhos/cm)	1,864	3,149	3,027	768	777	1,522
Solids, Total Dissolved (mg/L)	1,100	1,847	1,787	467	447	893
Temperature (°C)	9.9	10.6	16.4	9.7	8.0	21.7
Ammonia (mg/L as N)	< 0.2	< 0.2	0.4	< 0.2	< 0.2	< 0.2
Chloride (mg/L)	356	725	701	95	99	307
Fluoride (mg/L)	0.4	0.3	0.3	0.6	0.6	2.0
Nitrate (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.0
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	0.2	< 0.1	< 0.1	< 0.1
Sulfate (mg/L)	310	413	396	73	75	147

<sup>1</sup> - Date Sample Collected