

## 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)
	4/29/2024 <sup>1</sup>	4/29/2024	4/30/2024	4/29/2024	4/29/2024	4/30/2024
Alkalinity, Total (mg/L as CaCO <sub>3</sub> )	145	141	140	169	174	172
Hardness, Total (mg/L as CaCO <sub>3</sub> )	572	582	572	178	191	306
pH (Standard Units)	8.2	7.4	8.3	8.2	8.3	7.3
Specific Conductance (µmhos/cm)	1,986	3,145	3,128	823	700	1,962
Solids, Total Dissolved (mg/L)	1,187	1,900	1,873	467	500	1,147
Temperature (°C)	21.0	22.8	23.0	19.7	19.8	23.2
Ammonia (mg/L as N)	< 0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chloride (mg/L)	388	724	731	155	117	412
Fluoride (mg/L)	0.4	0.4	0.5	0.7	0.8	2.3
Nitrate (mg/L as N)	0.4	<0.2	0.2	0.3	0.2	<0.2
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	<0.20	<0.2	<0.2	<0.2	<0.2
Phosphorus, Total (mg/L as P)	< 0.1	0.135	0.159	< 0.1	0.259	< 0.1
Sulfate (mg/L)	329	479	408	112	82	194

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