

## 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)
	1/29/2024 <sup>1</sup>	1/29/2024	1/30/2024	1/29/2024		1/30/2024
Alkalinity, Total (mg/L as CaCO <sub>3</sub> )	142	149	147	152	Not Operating	175
Hardness, Total (mg/L as CaCO <sub>3</sub> )	545	532	550	164		388
pH (Standard Units)	8.1	8.4	8.2	8.2		7.7
Specific Conductance (µmhos/cm)	2,061	3,427	3,417	791		3,025
Solids, Total Dissolved (mg/L)	1,200	2,007	2,020	427		1,733
Temperature (°C)	9.4	10.1	10.6	7.5		21.5
Ammonia (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2
Chloride (mg/L)	369	736	739	105		656
Fluoride (mg/L)	0.4	0.4	0.3	0.7		2.4
Nitrate (mg/L as N)	0.2	< 0.2	< 0.2	0.5		0.8
Nitrite (mg/L as N)	< 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
Phosphorus, Total (mg/L as P)	< 0.1	0.1	< 0.1	< 0.1		< 0.1
Sulfate (mg/L)	319	417	413	72	275	

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