

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)
	1/31/2022 ¹	1/31/2022	2/1/2022	2/1/2022		1/25/2022
Alkalinity, Total (mg/L as CaCO ₃)	145	158	154	156	Not Collected	162
Hardness, Total (mg/L as CaCO ₃)	470	516	490	160		308
pH (Standard Units)	8.1	8.2	8.3	8.3		7.4
Specific Conductance (µmhos/cm)	2,030	3,468	3,284	776		2,232
Solids, Total Dissolved (mg/L)	960	1,670	1,650	340		1,030
Temperature (°C)	10.9	10.7	9.7	9.6		20.4
Ammonia (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2
Chloride (mg/L)	292	617	583	69		367
Fluoride (mg/L)	0.4	0.4	0.4	0.5		2.1
Nitrate (mg/L as N)	0.2	< 0.2	< 0.2	0.2		1.2
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)	259	358	334	53		177

¹ - Date Sample Collected