

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)
	8/15/2022 ¹	8/15/2022	8/15/2022	8/16/2022	8/16/2022	8/16/2022
Alkalinity, Total (mg/L as CaCO ₃)	124	134	140	152	152	155
Hardness, Total (mg/L as CaCO ₃)	446	512	553	149	152	294
pH (Standard Units)	8.1	8.2	7.7	8.2	8.3	7.4
Specific Conductance (µmhos/cm)	2,211	4,118	4,157	885	910	2,027
Solids, Total Dissolved (mg/L)	1,153	2,053	2,040	453	447	1,000
Temperature (°C)	28.9	30.1	29.5	27.8	28.1	24.2
Ammonia (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloride (mg/L)	335	771	771	87	92	339
Fluoride (mg/L)	0.4	0.4	0.4	0.2	0.6	1.9
Nitrate (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.1
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	0.2	0.1
Sulfate (mg/L)	287	423	420	66	69	150

¹ - Date Sample Collected