

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)
	4/26/2021 ¹	4/26/2021 ¹	4/26/2021	4/27/2021	4/27/2021	4/27/2021
Alkalinity, Total (mg/L as CaCO ₃)	167	155	154	214	385	160
Hardness, Total (mg/L as CaCO ₃)	440	614	594	276	204	370
pH (Standard Units)	8.0	8.0	7.7	8.3	8.2	7.3
Specific Conductance (µmhos/cm)	1,806	3,608	3,577	1,065	1,096	2,359
Solids, Total Dissolved (mg/L)	880	1,790	1,890	460	500	1,200
Temperature (°C)	17.6	20.8	18.5	20.0	20.5	23.8
Ammonia (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloride (mg/L)	267	718	716	122	132	477
Fluoride (mg/L)	0.3	0.3	0.3	0.7	0.7	2.1
Nitrate (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.9
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	0.9	0.3	< 0.1
Sulfate (mg/L)	237	407	407	76	82	174

¹ - Date Sample Collected