

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)
	7/27/2020 ¹	7/27/2020	7/28/2020	7/28/2020	7/28/2020	7/14/2020
Alkalinity, Total (mg/L as CaCO ₃)	170	148	146	161	164	171
Hardness, Total (mg/L as CaCO ₃)	412	492	542	153	156	328
pH (Standard Units)	7.6	8.0	7.5	7.9	8.0	7.0
Specific Conductance (µmhos/cm)	1,436	2,739	2,744	771	798	2,189
Solids, Total Dissolved (mg/L)	848	1,612	1,604	440	424	1,247
Temperature (°C)	28.3	31.2	29.8	27.6	28.4	24.7
Ammonia (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloride (mg/L)	237	596	616	105	106	489
Fluoride (mg/L)	0.3	0.3	0.3	0.6	0.7	2.3
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	Not Analyzed
Phosphorus, Total (mg/L as P)	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.1
Sulfate (mg/L)	213	350	359	69	66	197

¹ - Date Sample Collected