

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)
	7/26/2021 ¹	7/26/2021	7/26/2021	7/27/2021		8/3/2021
Alkalinity, Total (mg/L as CaCO ₃)	146	126	116	110	Not Collected	176
Hardness, Total (mg/L as CaCO ₃)	441	285	324	97.5		402
pH (Standard Units)	7.8	7.8	7.3	7.1		6.9
Specific Conductance (µmhos/cm)	1,678	1,800	1,842	515		3,038
Solids, Total Dissolved (mg/L)	1,070	1,010	920	280		1,630
Temperature (°C)	28.1	30.1	28.3	27.0		24.4
Ammonia (mg/L as N)	< 0.2	0.2	0.2	< 0.2		< 0.2
Chloride (mg/L)	275	340	351	49		715
Fluoride (mg/L)	0.4	0.3	0.3	0.4		2.5
Nitrate (mg/L as N)	< 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
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	0.2		< 0.1
Sulfate (mg/L)	240	192	201	36		272

¹ - Date Sample Collected