

## 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)
	1/27/2020 <sup>1</sup>	1/27/2020	1/27/2020	1/28/2020	1/28/2020	1/22/2020
Alkalinity, Total (mg/L as CaCO <sub>3</sub> )	187	164	159	154	163	163
Hardness, Total (mg/L as CaCO <sub>3</sub> )	401	502	476	145	148	360
pH (Standard Units)	7.5	7.8	8.1	8.2	8.2	7.3
Specific Conductance (µmhos/cm)	1,344	2,492	2,441	722	726	2,453
Solids, Total Dissolved (mg/L)	747	1,473	1,487	400	393	1,380
Temperature (°C)	12.4	14.6	12.3	8.8	9.2	20.9
Ammonia (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloride (mg/L)	211	538	530	91	91	534
Fluoride (mg/L)	0.4	0.4	0.4	0.6	0.6	2.2
Nitrate (mg/L as N)	0.5	< 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	0.1	< 0.1
Sulfate (mg/L)	196	327	321	61	61	217

<sup>1</sup> - Date Sample Collected