

CRMWD WATER QUALITY: Chemical/Physical Analyses of Raw Water¹

Parameter Analyzed	Reservoir Pump Stations					Well Field Pump Stations	
	O. H. Ivie	E. V. Spence	Moss Creek	J. B. Thomas Base 3	J. B. Thomas Base 4	Ward County North (WFPS)	Pyote
	7/23/2018 ²	7/23/2018	7/31/2018	7/31/2018	7/31/2018		7/24/2018
Alkalinity, Total (mg/L as CaCO ₃)	118	124	136	160	148	Not Collected	165
Hardness, Total (mg/L as CaCO ₃)	478	530	635	143	138		408
pH (Standard Units)	8.1	8.1	7.8	7.6	8.2		7.5
Specific Conductance (µmhos/cm)	1,606	3,054	3,553	616	620		1,399
Solids, Total Dissolved (mg/L)	947	1,720	2,093	333	353		867
Temperature (°C)	29.7	31.8	27.8	25.8	28.3		30.0
Ammonia (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		0.8
Chloride (mg/L)	264	668	844	69	73		211
Fluoride (mg/L)	0.4	0.3	0.5	0.6	0.6		2.4
Nitrate (mg/L as N)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		2.0
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	0.1		< 0.1
Sulfate (mg/L)	278	354	480	46	54		200

¹ - Pyote Sample is Chlorinated

² - Date Sample Collected