

CRMWD WATER QUALITY: Chemical/Physical Analyses of Raw Water

	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)
Date Sample Collected	10/28/2024	10/28/2024	10/29/2024	10/28/2024	10/28/2024	10/29/2024
Parameter Analyzed						
Alkalinity, Total (mg/L as CaCO₃)	125	131	128	115	124	178
Hardness, Total (mg/L as CaCO₃)	462	524	506	101	121	403
pH (Standard Units)	7.5	8.1	8.4	8.1	8.1	8.9
Specific Conductance (µmhos/cm)	1,567	2,821	2,854	499	510	2,601
Solids, Total Dissolved (mg/L)	993	1,740	1,713	273	340	1,587
Temperature (°C)	23.7	22.6	23.4	20.9	20.7	24.5
Ammonia (mg/L as N)	< 0.2	0.3	0.3	<0.2	<0.2	<0.2
Chloride (mg/L)	293	615	625	57	58	564
Fluoride (mg/L)	0.3	0.3	0.3	0.4	0.5	2.1
Nitrate (mg/L as N)	<0.2	<0.2	<0.2	0.3	<0.2	0.7
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	0.113	<0.1	<0.1	0.131	< 0.1
Sulfate (mg/L)	233	257	265	38	38	208