

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	4/27/2026	4/27/2026	4/28/2026	4/27/2026	4/27/2026	4/28/2026
Parameter Analyzed						
Alkalinity, Total (mg/L as CaCO₃)	135	155	308	168	174	172
Hardness, Total (mg/L as CaCO₃)	367	751	680	162	172	355
pH (Standard Units)	7.8	8.2	8.0	8.3	8.4	7.4
Specific Conductance (µmhos/cm)	1,221	4,030	4,050	650	676	2,306
Solids, Total Dissolved (mg/L)	1,127	2,380	1,287	327	373	1,333
Temperature (°C)	20.0	24.1	24.7	22.9	20.4	23.4
Ammonia (mg/L as N)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chloride (mg/L)	215	967	967	76	76	528
Fluoride (mg/L)	0.3	0.4	0.4	0.6	0.6	2.2
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	<0.2
Phosphorus, Total (mg/L as P)	<0.1	0.432	0.122	<0.1	0.187	< 0.1
Sulfate (mg/L)	167	478	462	52	52	197
Turbidity (NTU)	2.6	69.5	63.7	41.9	147.0	0.52