

## 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)
<b>Date Sample Collected</b>	O/S	1/27/2025	1/27/2025	1/27/2025	1/27/2025	1/28/2025
<b>Parameter Analyzed</b>						
Alkalinity, Total (mg/L as CaCO <sub>3</sub> )		147	144	127	130	162
Hardness, Total (mg/L as CaCO <sub>3</sub> )		594	580	175	129	318
pH (Standard Units)		8.1	8.1	9.1	8.1	7.4
Specific Conductance (µmhos/cm)		3,246	3,186	498	494	1,619
Solids, Total Dissolved (mg/L)		1,980	1,887	300	220	973
Temperature (°C)		6.7	6.6	9.0	5.1	21.7
Ammonia (mg/L as N)		<0.2	<0.2	<0.2	<0.2	<0.2
Chloride (mg/L)		692	692	44	44	310
Fluoride (mg/L)		0.4	0.4	0.4	0.4	2.0
Nitrate (mg/L as N)		0.2	<0.2	0.5	0.4	1.1
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	0.153	<0.1	< 0.1
Sulfate (mg/L)		403	390	38	39	164
Turbidity (NTU)		19.4	22.3	111	53.5	0.40