

## 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>	7/29/2024	7/29/2024	7/30/2024	7/29/2024	7/29/2024	7/30/2024
<b>Parameter Analyzed</b>						
<b>Alkalinity, Total (mg/L as CaCO<sub>3</sub>)</b>	136	126	134	165	166	160
<b>Hardness, Total (mg/L as CaCO<sub>3</sub>)</b>	546	646	665	160	180	268
<b>pH (Standard Units)</b>	8.0	8.3	9.8	10.1	10.2	7.9
<b>Specific Conductance (µmhos/cm)</b>	1,907	3,870	3,801	831	830	964
<b>Solids, Total Dissolved (mg/L)</b>	1,147	2,360	2,313	487	507	607
<b>Temperature (°C)</b>	27.6	28.6	28.5	27.3	27.2	23.8
<b>Ammonia (mg/L as N)</b>	< 0.2	<0.2	<0.2	<0.2	<0.2	<0.2
<b>Chloride (mg/L)</b>	368	903	901	116	117	137
<b>Fluoride (mg/L)</b>	0.4	0.5	0.4	0.7	0.8	1.9
<b>Nitrate (mg/L as N)</b>	<0.2	<0.2	<0.2	<0.2	<0.2	1
<b>Nitrite (mg/L as N)</b>	< 0.02	<0.02	<0.02	< 0.02	<0.02	<0.02
<b>Phosphate, ortho (mg/L as P)</b>	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
<b>Phosphorus, Total (mg/L as P)</b>	< 0.1	0.132	<0.1	0.107	0.27	< 0.1
<b>Sulfate (mg/L)</b>	315	505	491	82	83	121