



EM Johnson WTP Monthly Water Quality Report September 2021

Parameter	Plant Tap	Primary MCL **	Secondary MCL **
Temperature, °C	27.6		
Color, units	0.3		15
pH, units	8.4		6.5 - 8.5
Free Carbon Dioxide, mg/l	0.25		
Total Alkalinity, mg/l as CaCO ₃	31.6		
Total Hardness, mg/l as CaCO ₃	27.4		
Total Dissolved Solids, mg/l	105		500
Specific Conductivity, uS/cm	215		
Iron, mg/l	<0.10		0.3
Manganese, mg/l	<0.01		0.05
Fluoride, mg/l	0.67	4	2
Chloride, mg/l	11.8		250
Ammonia, mg/l as N	0.53		
Nitrate, mg/l as N	0.03	10	
Silica, mg/l as SiO ₃	2.10		
Total Coliform Bacteria*	Absent	0	
E. Coli	Absent	0	
Total Trihalomethanes, mg/l	0.020	0.080	

* In 95% of samples collected

**MCL = Maximum Contaminant Level

Certified By: Vannessa Barnes

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*Raleigh Water: Serving the people of Garner, Knightdale, Raleigh, Rolesville,
Wake Forest, Wendell, and Zebulon areas.*

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