



EM Johnson WTP Monthly Water Quality Report August 2021

Parameter	Plant Tap	Primary MCL **	Secondary MCL **
Temperature, °C	29.7		
Color, units	0.2		15
pH, units	8.4		6.5 - 8.5
Free Carbon Dioxide, mg/l	0.21		
Total Alkalinity, mg/l as CaCO ₃	29.6		
Total Hardness, mg/l as CaCO ₃	26.6		
Total Dissolved Solids, mg/l	99		
Specific Conductivity, uS/cm	203		
Iron, mg/l	<0.10		0.3
Manganese, mg/l	<0.01		0.05
Fluoride, mg/l	0.64	4	2
Chloride, mg/l	9.87		
Ammonia, mg/l as N	0.57		
Nitrate, mg/l as N	0.06	10	
Silica, mg/l as SiO ₃	4.70		
Total Coliform Bacteria*	Absent	0	
E. Coli	Absent	0	
Total Trihalomethanes, mg/l	0.0213	0.080	

* In 95% of samples collected

**MCL = Maximum Contaminant Level

Certified By: Vannessa Barnes

Vannessa Barnes, Laboratory Scientist Supervisor

NC Lab ID Number 37604

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

One Exchange Plaza Building | 1 Exchange Plaza | Suite 600 | Raleigh, North Carolina 27601
City of Raleigh (mailing address) | Post Office Box 590 | Raleigh, North Carolina 27602-0590