



EM Johnson WTP Monthly Finished Water Quality Report December 2024

Parameter	Plant Tap	Primary MCL **	Secondary MCL **
Temperature, °C	15.5		
Color, units	0.20		15
pH, units	8.39		6.5 - 8.5
Free Carbon Dioxide, mg/l	0.18		
Total Alkalinity, mg/l as CaCO ₃	21.9		
Total Hardness, mg/l as CaCO ₃	22.5		
Specific Conductivity, uS/cm	174		
Iron, mg/l	<0.10		0.3
Manganese, mg/l	<0.01		0.05
Fluoride, mg/l	0.44	4	2
Chloride, mg/l	9.64		250
Ammonia, mg/l as N	0.63		
Nitrate, mg/l as N	0.183	10	
Silica, mg/l as SiO ₃	9.4		
Total Coliform Bacteria*	Absent	0	
E. Coli	Absent	0	
Total Trihalomethanes, mg/l	0.012	0.080	

* In 95% of samples collected

**MCL = Maximum Contaminant Level

***Chlorine Burnout, no ammonia added

Certified By: *Martesa Webb*

Martesa Webb, Laboratory Scientist Supervisor

NC Lab ID Number 37604

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

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