



EM Johnson WTP Monthly Finished Water Quality Report January 2026

Parameter	Plant Tap	Primary MCL **	Secondary MCL **
Temperature, °C	13.3		
Color, units	0.50		15
pH, units	8.36		6.5 - 8.5
Free Carbon Dioxide, mg/l	0.19		
Total Alkalinity, mg/l as CaCO ₃	21.5		
Total Hardness, mg/l as CaCO ₃	22.0		
Specific Conductivity, uS/cm	170		
Iron, mg/l	<0.10		0.3
Manganese, mg/l	<0.01		0.05
Fluoride, mg/l	0.65	4	2
Chloride, mg/l	9.84		250
Ammonia, mg/l as N	0.49		
Nitrate, mg/l as N	0.196	10	
Silica, mg/l as SiO ₃	9.4		
Total Coliform Bacteria*	Absent	0	
E. Coli	Absent	0	
Total Trihalomethanes, mg/l	0.0156	0.080	

* In 95% of samples collected

**MCL = Maximum Contaminant Level

***Chlorine Burnout, no ammonia added

Certified By: *Martesa Webb*

Martesa Webb, Laboratory Manager

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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EM Johnson WTP Finished Water Quality Report 2026 Plant Tap Summary

Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Temperature, °C	13.3												13.3
Color, units	0.50												0.5
pH, units	8.36												8.4
Free Carbon Dioxide, mg/l	0.19												0.19
Total Alkalinity, mg/l as CaCO ₃	21.5												21.5
Total Hardness, mg/l as CaCO ₃	22.0												22.0
Specific Conductivity, uS/cm	170												170
Iron, mg/l	<0.10												<0.10
Manganese, mg/l	<0.01												<0.01
Fluoride, mg/l	0.65												0.65
Chloride, mg/l	9.84												9.8
Ammonia, mg/l as N	0.49												0.49
Nitrate, mg/l as N	0.20												0.20
Silica, mg/l as SiO ₃	9.40												9.40
Total Coliform Bacteria	Absent												Absent
E. Coli	Absent												Absent
Total Trihalomethanes, mg/l	0.0156												0.016

***Chlorine Burnout, no ammonia added

Certified By: Martesa Webb

Martesa Webb, Laboratory Manager

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