



## EM Johnson WTP Monthly Finished Water Quality Report March 2026

Parameter	Plant Tap	Primary MCL **	Secondary MCL **
Temperature, °C	12.3		
Color, units	0.0		15
pH, units	8.35		6.5 - 8.5
Free Carbon Dioxide, mg/l	0.20		
Total Alkalinity, mg/l as CaCO <sub>3</sub>	22.4		
Total Hardness, mg/l as CaCO <sub>3</sub>	23.5		
Specific Conductivity, uS/cm	173		
Iron, mg/l	<0.10		0.3
Manganese, mg/l	<0.01		0.05
Fluoride, mg/l	0.65	4	2
Chloride, mg/l	11.2		250
Ammonia, mg/l as N	0.05***		
Nitrate, mg/l as N	0.150	10	
Silica, mg/l as SiO <sub>3</sub>	7.80		
Total Coliform Bacteria*	Absent	0	
E. Coli	Absent	0	
Total Trihalomethanes, mg/l	0.0107	0.080	

\* In 95% of samples collected

\*\*MCL = Maximum Contaminant Level

\*\*\*Chlorine Burnout: 2/26/2026 – 4/2/2026

Certified By: Martesa Webb

Martesa Webb, Laboratory Manager

NC Lab ID Number 37604

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*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	9.0	12.3										11.5
Color, units	0.50	2.0	0.0										0.8
pH, units	8.36	8.33	8.4										8.3
Free Carbon Dioxide, mg/l	0.19	0.2	0.20										0.20
Total Alkalinity, mg/l as CaCO <sub>3</sub>	21.5	20.2	22.4										21.4
Total Hardness, mg/l as CaCO <sub>3</sub>	22.0	23.6	23.5										23.0
Specific Conductivity, uS/cm	170	168	173										170
Iron, mg/l	<0.10	<0.10	<0.10										<0.10
Manganese, mg/l	<0.01	<0.01	<0.01										<0.01
Fluoride, mg/l	0.65	0.64	0.65										0.65
Chloride, mg/l	9.84	10.2	11.2										10.4
Ammonia, mg/l as N	0.49	0.43	0.05***										0.46
Nitrate, mg/l as N	0.20	0.14	0.15										0.16
Silica, mg/l as SiO <sub>3</sub>	9.40	8.76	7.80										8.65
Total Coliform Bacteria	Absent	Absent	Absent										Absent
E. Coli	Absent	Absent	Absent										Absent
Total Trihalomethanes, mg/l	0.0156	0.0112	0.011										0.013

\*\*\*Chlorine Burnout; 2/26/2026 - 4/2/2026

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