



EM Johnson WTP Monthly Finished Water Quality Report February 2026

Parameter	Plant Tap	Primary MCL **	Secondary MCL **
Temperature, °C	8.97		
Color, units	2.0		15
pH, units	8.33		6.5 - 8.5
Free Carbon Dioxide, mg/l	0.20		
Total Alkalinity, mg/l as CaCO ₃	20.2		
Total Hardness, mg/l as CaCO ₃	23.6		
Specific Conductivity, uS/cm	168		
Iron, mg/l	<0.10		0.3
Manganese, mg/l	<0.01		0.05
Fluoride, mg/l	0.64	4	2
Chloride, mg/l	10.2		250
Ammonia, mg/l as N	0.425		
Nitrate, mg/l as N	0.136	10	
Silica, mg/l as SiO ₃	8.76		
Total Coliform Bacteria*	Absent	0	
E. Coli	Absent	0	
Total Trihalomethanes, mg/l	0.0112	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.*

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

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											11.1
Color, units	0.50	2.0											1.3
pH, units	8.36	8.33											8.3
Free Carbon Dioxide, mg/l	0.19	0.2											0.20
Total Alkalinity, mg/l as CaCO ₃	21.5	20.2											20.9
Total Hardness, mg/l as CaCO ₃	22.0	23.6											22.8
Specific Conductivity, uS/cm	170	168											169
Iron, mg/l	<0.10	<0.10											<0.10
Manganese, mg/l	<0.01	<0.01											<0.01
Fluoride, mg/l	0.65	0.64											0.65
Chloride, mg/l	9.84	10.2											10.0
Ammonia, mg/l as N	0.49	0.43											0.46
Nitrate, mg/l as N	0.20	0.14											0.17
Silica, mg/l as SiO ₃	9.40	8.76											9.08
Total Coliform Bacteria	Absent	Absent											Absent
E. Coli	Absent	Absent											Absent
Total Trihalomethanes, mg/l	0.0156	0.0112											0.013

***Chlorine Burnout, no ammonia added

Certified By: Martesa Webb

Martesa Webb, Laboratory Manager

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