



## EM Johnson WTP Monthly Finished Water Quality Report January 2024

Parameter	Plant Tap	Primary MCL **	Secondary MCL **
Temperature, °C	9.8		
Color, units	0.8		15
pH, units	8.4		6.5 - 8.5
Free Carbon Dioxide, mg/l	0.20		
Total Alkalinity, mg/l as CaCO <sub>3</sub>	26.3		
Total Hardness, mg/l as CaCO <sub>3</sub>	26.0		
Total Dissolved Solids, mg/l	98		500
Specific Conductivity, uS/cm	204		
Iron, mg/l	<0.10		0.3
Manganese, mg/l	<0.01		0.05
Fluoride, mg/l	0.08	4	2
Chloride, mg/l	12.6		250
Ammonia, mg/l as N	0.53		
Nitrate, mg/l as N	0.28	10	
Silica, mg/l as SiO <sub>3</sub>	7.4		
Total Coliform Bacteria*	Absent	0	
E. Coli	Absent	0	
Total Trihalomethanes, mg/l	0.018	0.080	

\* In 95% of samples collected

\*\*MCL = Maximum Contaminant Level

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.*

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 2024 Plant Tap Summary

Parameter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
Temperature, °C	9.8												9.8
Color, units	0.8												0.8
pH, units	8.4												8.4
Free Carbon Dioxide, mg/l	0.2												0.20
Total Alkalinity, mg/l as CaCO <sub>3</sub>	26.3												26.3
Total Hardness, mg/l as CaCO <sub>3</sub>	26												26.0
Total Dissolved Solids, mg/l	98												98
Specific Conductivity, uS/cm	204												204
Iron, mg/l	<0.10												<0.10
Manganese, mg/l	<0.01												<0.01
Fluoride, mg/l	0.08												0.08
Chloride, mg/l	12.6												12.6
Ammonia, mg/l as N	0.53												0.5
Nitrate, mg/l as N	0.28												0.28
Silica, mg/l as SiO <sub>3</sub>	7.40												7.40
Total Coliform Bacteria	Absent												Absent
E. Coli	Absent												Absent
Total Trihalomethanes, mg/l	0.018												0.0180

\*\*\*Chlorine Burnout, no ammonia added

Certified By: Martesa Webb

Martesa Webb, Laboratory Scientist Supervisor

NC Lab ID Number 37604