



EM Johnson WTP Monthly Finished Water Quality Report December 2022

Parameter	Plant Tap	Primary MCL **	Secondary MCL **
Temperature, °C	11.8		
Color, units	0.0		15
pH, units	8.4		6.5 - 8.5
Free Carbon Dioxide, mg/l	0.25		
Total Alkalinity, mg/l as CaCO ₃	33.1		
Total Hardness, mg/l as CaCO ₃	28.8		
Total Dissolved Solids, mg/l	102		500
Specific Conductivity, uS/cm	208		
Iron, mg/l	<0.10		0.3
Manganese, mg/l	<0.01		0.05
Fluoride, mg/l	0.72	4	2
Chloride, mg/l	15.6		250
Ammonia, mg/l as N	0.58		
Nitrate, mg/l as N	<0.1	10	
Silica, mg/l as SiO ₃	7.5		
Total Coliform Bacteria*	Absent	0	
E. Coli	Absent	0	
Total Trihalomethanes, mg/l	0.0139	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