

EM Johnson Water Plant Monthly Quality Report

October, 2019

Parameter	Plant Tap	Primary MCL**	Secondary MCL**
Temperature °C	23.8		
Color, units	0		15
pH, units	8.4		6.5 - 8.5
Free Carbon Dioxide, mg/l	0.33		
Total Alkalinity, mg/l as CaCO ₃	39.7		
Total Hardness, mg/l as CaCO ₃	28.8		
Total Dissolved Solids, mg/l	137.3		
Specific Conductivity, µS/cm	207		
Iron, mg/l	<0.1		0.3
Manganese, mg/l	<0.01		0.05
Fluoride, mg/l	0.74		4
Chloride, mg/l	12.6		
Ammonia, mg/l as N	0.395		
Nitrate, mg/l as N	0.049	10	
Silica, mg/l as SiO ₂	9.18		
Total Coliform Bacteria	Absent	0	
E. Coli	Absent	0	
Total Trihalomethanes, mg/l	0.0327	0.08	

**In 95% of samples collected*

***MCL = Maximum Contaminant Level*



Certified By: Martesa Webb, Laboratory Scientist

NC Lab ID Number 37604