

**2018 TEST RESULTS LOWER CALHOUN # 0920003 (PURCHASED FROM LAKE MARION WATER PLANT SC3820003)**

<u>Regulated</u>	<u>Violation</u>	<u>Collection</u>	<u>Highest Level</u>	<u>Range of</u>	<u>MCLG</u>	<u>MCL</u>	<u>Units</u>	<u>Likely Source of Contamination</u>
	<u>Y/N</u>	<u>Date</u>	<u>Detected</u>	<u>Levels Detected</u>				
<b><u>Disinfectants &amp; Disinfection By-Products</u></b>								
Chlorine	NO	2018	0.54	.03-.54	MRDLG = 4	MRDL = 4	ppm	Water additive used to control microbes
Haloacetic Acids (HAA5)	NO	2018	0.003	0-.003	no goal for total	60	ppb	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	NO	2018	0.002	0-.002	no goal for total	80	ppb	By-product of drinking water disinfection
<b><u>Inorganic Contaminants</u></b>								
Fluoride	NO	2018	<.10	<.10	4	4	ppm	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Sodium	NO	2018	17	17	n/a	n/a	ppm	Erosion of natural deposits
Nitrate (measured as Nitrogen)	NO	2018	0.38	0.38	10	10	ppm	Runoff from fertilizer use; Leaching from septic tanks, sewage. Erosion of natural deposits
<b><u>Lead and Copper</u></b>	<b><u>Violation</u></b>	<b><u>Date</u></b>	<b><u>MCLG</u></b>	<b><u>Action Level</u></b>	<b><u>90th</u></b>	<b><u># Sites over AL</u></b>	<b><u>Units</u></b>	<b><u>Likely Source of Contamination</u></b>
Copper-action level at consumer taps (ppm)	NO	2018	1.3	1.3	0.47	0	ppm	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
Lead-action level at consumer taps(ppb)	NO	2018	0	15	0.0013	0	ppb	Corrosion of household plumbing systems; Erosion of natural deposits
<b><u>Turbidity</u></b>	<b><u>Violation</u></b>	<b><u>MCLG</u></b>	<b><u>MCLG</u></b>	<b><u>Level Detected</u></b>	<b><u>Range of Detections</u></b>			
Turbidity	NO	0.3	TT=1NTU	0.07	< 0.06-0.07			Soil Runoff
			%<0.3NTU	100%	Page 1			