

**2019 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	2019	0.15	<.05-.15	MRDLG = 4	MRDL = 4	ppm	Water additive used to control microbes
Haloacetic Acids (HAA5)	NO	2019	1	0-2.4	no goal for total	60	ppb	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	NO	2019	4	1.14-4.91	no goal for total	80	ppb	By-product of drinking water disinfection
<b><u>Constituents</u></b>								
Fluoride	NO	2019	<.10	<.10	4	4	ppm	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Combined Radium(pCi/L) Ra-226 & Ra-228	NO	2019	0.973	0.973	n/a	5	pCi/L	Erosion of natural deposits
Nitrate (measured as Nitrogen)	NO	2019	0.44	0.44	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	2019	1.3	1.3	0.09	0	ppm	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
Lead-action level at consumer taps(ppb)	NO	2019	0	15	3.9	0	ppb	Corrosion of household plumbing systems; Erosion of natural deposits
<b><u>Turbidity</u></b>	<b><u>Violation</u></b>	<b><u>Date</u></b>		<b><u>Level Detected</u></b>	<b><u>Range of Detections</u></b>	<b><u>MCL</u></b>	<b><u>MCLG</u></b>	
Turbidity	NO	2019		<0.06	<0.06	TT=1NTU	0.3	Soil Runoff
				100%		%<0.3NTU		