

2020 TEST RESULTS LOWER CALHOUN SC 0920003 (PURCHASED FROM LAKE MARION WATER PLANT SC3820003)

<u>Regulated Contaminants</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>				
<u>Disinfectants & Disinfection By-Products</u>								
Chlorine	NO	2020	0.1	OE-9-0.1	MRDLG = 4	MRDL = 4	ppm	Water additive used to control microbes
Chloramines	NO	2020	3.27b	2.93-3.27	MRDLG=4	MRDL=4	ppm	Water additive used to control microbes
Haloacetic Acids (HAA5)	NO	2020	1.51	OE-9-1.510000000	no goal for total	60	ppb	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	NO	2020	2.00	1.630000000-3.710000000	no goal for total	80	ppb	By-product of drinking water disinfection
<u>Constituents</u>								
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	2020	0.40	0.40	10	10	ppm	Runoff from fertilizer use; Leaching from septic tanks, sewage. Erosion of natural deposits
<u>Lead and Copper</u>	<u>Violation</u>	<u>Date</u>	<u>MCLG</u>	<u>Action Level</u>	<u>90th</u>	<u># Sites over AL</u>	<u>Units</u>	<u>Likely Source of Contamination</u>
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
<u>Turbidity</u>	<u>Violation</u>	<u>Date</u>		<u>Level Detected</u>	<u>Range of Detections</u>	<u>MCL</u>	<u>MCLG</u>	
Turbidity	NO	2020		<0.06	<0.06	TT=1NTU	0.3	Soil Runoff

				100%		%<0.3NTU		
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