

2024 TEST RESULTS LOWER CALHOUN SC 0920003 (PURCHASED FROM LAKE MARION WATER PLANT SC3820003)

<u>Regulated Contaminants</u>	Violation	Collection	Highest Level	Range of	MCLG	MCL	Units	Likely Source of Contamination
	Y/N	Date	Detected	Levels Detected				
<u>Disinfectants & Disinfection By-Products</u>								
Chlorine	NO	2024	0.6	0.2-0.60	MRDLG = 4	MRDL = 4	ppm	Water additive used to control microbes
*Chloramines	NO	2024	3.63 ^b	3.13-3.63	MRDLG=4	MRDL=4	ppm	Water additive used to control microbes
Total Coliform	NO	2024	0	0	0	1 positive monthly sample		Naturally present in the environment
Haloacetic Acids (HAA5)	NO	2024	4.00	OE-9-6.824700000	no goal for total	60	ppb	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	NO	2024	3.00	OE-9-6.592700000	no goal for total	80	ppb	By-product of drinking water disinfection
<u>Constituents</u>								
*TOC(Total Organic Carbon)(ppm)	NO	2024	N/A ^a	1.7-4.4	N/A	TT	ppm	Natrually present in the Environment
*Sodium	NO	2024	14	14	N/A	N/A	ppm	Naturally present in the Environment
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	2024	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>	Violation	Date	MCLG	Action Level	90th Percentile	# Sites over AL	Range	Likely Source of Contamination
Copper-action level at consumer taps (ppm)	NO	2024	1.3	1.3	0.71	1	0.005-1.5	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
Lead-action level at consumer taps(ppb)	NO	2024	0	15	1.60	0	0.00009-0.0068	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	2024		0.06	0.06	TT=1NTU	0.3	Soil Runoff
				100%		%<0.3NTU		
Running Average Removal Ration for TOC is 1.12				Page 1				