

**BRITTANY ESTATES
2023 WATER QUALITY DATA
WSID: GA2290033**

The table below lists all the drinking water contaminants that have been detected in your drinking water. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The data presented in this table is from testing done during the year noted. The Federal Environmental Protection Agency (EPA) and the Georgia Department of Natural Resources Environmental Protection Division (EPD) require monitoring for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Parameters, values, and/or sources may vary.

DETECTED INORGANIC CONTAMINANTS TABLE								
Parameter	Units	MCL [SMCL]	MCLG	Brittany Estates Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Barium	ppm	2	2	0.071	0.071 to 0.071	2022	No	Erosion of natural deposits
Chlorine	ppm	4	4	0.180	0.18 to 0.18	2021	No	Water additive used for control of microbes
Fluoride	ppm	4 [2]	4	0.44	0.44 to 0.44	2022	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Iron	ppb	[300]	NA	0.67	0.67 to 0.67	2022	No	Erosion of natural deposits

DETECTED ORGANIC CONTAMINANTS TABLE								
Parameter	Units	MCL	MCLG	Brittany Estates Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Haloacetic Acids	ppb	60	**	ND	N/A	2018	No	By product of drinking water disinfection
TTHMs	ppb	80	NA	0.0	0 to 0	2021	No	By product of drinking water disinfection

OTHER DETECTED UNREGULATED CONTAMINANTS TABLE								
Parameter	Units	MCL [SMCL]	MCLG	Brittany Estates Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Sodium	ppm	**	**	35	35 to 35	2022	No	Erosion of natural deposits

LEAD AND COPPER MONITORING RESULTS								
Parameter	Units	Action Level	MCLG	Brittany Estates Water System Results	# of sample sites above Action Level	Sample Date	Violation No/Yes	Typical Source of Contaminant
Lead	ppb	15	0	0.0	0	2022	No	Corrosion of household plumbing
Copper	ppm	1.3	1.3	0.01	0	2022	No	Corrosion of household plumbing

MICROBIOLOGICAL MONITORING RESULTS								
Parameter	Units	MCL	MCLG	Brittany Estates No. of Positive Samples	Positive Sample Date (Month)	Sample Year	Violation No/Yes	Typical Source of Contaminant
Total Coliform	Present/	1*	0	0	N/A	2023	No	Naturally present in the environment
E. coli	Absent	0	0	0	N/A	2023	No	Human and animal fecal waste

RADIONUCLIDES TABLE								
Parameter	Units	MCL	MCLG	Brittany Estates Water System Results	Range of Detections	Sample Date	Violation No/Yes	Typical Source of Contaminant
Alpha emitters	pCi/L	15	0	ND	N/A	2018	No	Erosion of natural deposits
Combined Radium 226/228	pCi/L	5	0	ND	N/A	2018	No	Erosion of natural deposits

*Total Coliform Rule MCL= 1 positive sample for systems that collect < 40 samples a month

**No established MCL, SMCL, or MCLG