

Town of Sullivan's Island - Table One 2020

Constituent	Units	Sullivan's Island Highest Level Detected	Range or Other Comments	(MCL)	Date Sampled	MCLG	Possible Sources In Water
Biological Compounds and Physical Characteristics							
Total Coliform Bacteria	% Positive Samples	0	0	Presence of Coliform Bacteria In <5% Of Monthly Samples	2020	0%	Naturally Present In The Environment
Inorganic Compounds							
Copper	ppm	90th Percentile=.036	No Sample Exceeded The Action Level	AL=1.3	2018	1.3	Erosion of natural deposits; Leaching from wood preservatives; Corrosion Of Household Plumbing Materials
Lead	ppb	90th Percentile=.350	No Sample Exceeded The Action Level	AL=15	2018	0	Corrosion Of Household Plumbing Materials
Disinfectants & Disinfection By-Products							
Chloramine (as Cl ₂)	mg/L	2.84	0.12 to 2.84	MRDL = 4	2020	MRDLG=4	Water additive used to control microbes
Total Trihalomethanes (THM's)	ppb	LRAA: 11	7.8 to 13.2	Locational Running Annual Average (LRAA) must be less than 80 ppb	2020	NA	Byproduct of drinking water disinfection
Total Haloacetic Acids (HAA's)	ppb	LRAA: 12	8.1 to 13.4	Locational Running Annual Average (LRAA) must be less than 60 ppb	2020	NA	Byproduct of drinking water disinfection

Abbreviations Of Units

ppm = Parts Per Million

ppb = Parts Per Billion

Table Of Definitions

MCL = Maximum Contaminant Level: The highest level of a contaminant allowed in drinking water. MCL's are set as close to the MCLG's as feasible using best available treatment technology.

MCLG = Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

AL = Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

LRAA = Locational Running Annual Average

MRDL = Maximum Residual Disinfectant Level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG = Maximum Residual Disinfectant Level Goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination

Lead: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Sullivan's Island does NOT have any lead service lines. Sullivan's Island is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your drinking water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.