

2016 Consumer Confidence Report

Candlewood Shores Tax District

PWSID: CT0180061

Is my water safe? Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. We vigilantly safeguard our water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

Where does my water come from? The water in our system comes from seven active ground water wells. These wells tap into a fractured bedrock aquifer located within the Candlewood Lake drainage basin. Our water system consists of wells, storage tanks, distribution system piping and associated pumps, valves and gauges. Finally, we also chlorinate the water to protect the system from any potential microbial threats.

Source water assessment and its availability: A water assessment was recently completed by the Department of Public Health, Drinking Water Division. The updated assessment report can be found on the Department of Public Health's website: http://www.dph.state.ct.us/BRS/Water/Source_Protection/Assessments/Community/Community.htm

How can I get involved? The Candlewood Shores Board of Directors meets on the third Wednesday of each month at 7:30 p.m. in community room. These meetings are open to the public, and your participation is encouraged.

Additional Information for Lead & Copper

Lead: Major Sources in Drinking Water: Corrosion of household plumbing systems; erosion of natural deposits. **Health Effects Statement:** Infants and children who drink water that contains lead in excess of the action level could experience delays in their physical or mental development.

Copper: Major Sources in Drinking Water: Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives. **Health Effects Statement:** Copper is an essential nutrient, but some people who drink water that contains copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress.

Water Quality Data Table: The table provided lists all of the drinking water contaminants we detected that are applicable for the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

Water Quality Data Table

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Low	High	Sample Date	Violation	Typical Source
Disinfectants & Disinfection By-Products (There is evidence that addition of a disinfectant is necessary for control of microbial contaminants,)								
Haloacetic Acids (ppb)	NA	60	0	NA	NA	2016	No	By-product of chlorination
Total Trihalomethanes (ppb)	NA	80	8.8	NA	NA	2016	No	By-product of water disinfection
Volatile Organic Contaminants (ppb)								
Chlorodibromomethane	MNR	MNR	0.5	NA	NA	2016	No	Disinfection by-product
Bromodichloromethane	MNR	MNR	1.4	NA	NA	2016	No	Disinfection by-product
Inorganic Contaminants								
Asbestos (MFL)	7	7	0	NA	NA	2013	No	Decay of asbestos cement water main
Barium (ppm)	2	2	0.09	NA	NA	2016	No	Erosion of natural deposits
Arsenic (ppm)	0.1	0.1	0	NA	NA	2016	No	Erosion of natural deposits
Copper (ppm)	1.3	1.3	0.11	NA	NA	2016	No	Erosion of natural deposits,
Fluoride (ppm)	4	4	0.10	NA	NA	2016	No	Erosion of natural deposits,
Lead (ppm)	0.015	0.015	0	NA	NA	2016	No	Erosion of natural deposits,
Nickel	MPL	0.1	0	NA	NA	2016	No	Erosion of natural deposits
Nitrate [as Nitrogen](ppm)	10	10	7.0	4.0 – 8.5	NA	2016	No	Runoff from fertilizer use; Leaching
Sodium (ppm)	NA	28	31.3	NA	NA	2016	No	Erosion of natural deposits; Leaching
Sulfate (ppm)	MNR	250	30	NA	NA	2016	No	Erosion of natural deposits
Chloride (mg/l)	MPL	250	120	NA	NA	2016	No	Erosion of natural deposits
Microbiological Contaminants								
Total Coliform	0	1	0	NA	NA	2016	No	Naturally present in the environment
Turbidity (NTU)	NA	5	0.02	0.02–0.12	NA	2016	No	Soil runoff
Radioactive Contaminants								
Alpha emitters (pCi/L)	0	15	<1	NA	NA	2016	No	Erosion of natural deposits
Radium (combined 226/228) (pCi/L)	0	5	1.08	NA	NA	2016	No	Erosion of natural deposits
Uranium (ug/L)	0	30	213	NA	NA	2016	No	Erosion of natural deposits
Inorganic Contaminants								
Copper (ppm)	1.3	1.3	0.6	0	0	2015	No	Corrosion of household plumbing
Lead (ppb)	0	15	7	0	0	2015	No	Corrosion of household plumbing