

Candlewood Shores Tax District

CT0180061

2024

Is my water safe?

We are pleased to present this year’s Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SWDA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year’s water quality. We are committed to providing you with information because informed consumers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advise about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Your water is supplied from ground water wells.

Source water assessment and its availability

A water assessment of **Candlewood Shores Tax District** was completed by the Department of Public Health, Drinking Water Section. The updated assessment report can be found on the Department of Public Health’s website: <https://portal.ct.gov/DPH/Drinking-Water/DWS/Source-Water-Assessment-Program-SWAP-Reports>. The assessment found that this public drinking water source has a **Low to Moderate** susceptibility to potential sources of contamination. Additional source water assessment information can be found at the Environmental Protection Agency’s website: <https://www.epa.gov/sourcewaterprotection/source-water-assessments>.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this 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 vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions .

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Wa- ter	Range		Sample Date	Violation	Typical Source	
				Low	High				
Disinfectants & Disinfection By-Products									
Haloacetic Acids (HAA5) (ppb)	NA	60	ND	NA	NA	2024	No	By-product of drinking water chlorination	
TTHMs [Total Trihalo- methanes] (ppb)	NA	80	ND	NA	NA	2024	No	By-product of drinking water disinfection	
Inorganic Contaminants									
Barium (ppm)	2	2	0.12	NA	NA	2022	No	Discharge of waste, metal refineries; Erosion	
Nitrate [measured as Nitrogen] (ppm)	10	10	6.97	4.41	9.78	2024	No	Runoff from fertilizers; Leaching septic tanks, sewage; Erosion	
Selenium (ppb)	50	50	10	NA	NA	2022	No	Discharge from refineries; Ero- sion; Discharge from mines	
Sodium (ppm)	NA	*100	28.2	NA	NA	2024	No	Erosion of natural deposits	
Sulfate (ppm)	NA	**	33.8	NA	NA	2024	No	Erosion of natural deposits	
Microbiological Contaminants									
E. coli (RTCR) - distribution system	0	1	0	NA	NA	2024	No	Erosion of natural deposits	
Total Coliform (RTCR)	NA	TT	0	NA	NA	2024	No	Naturally present in the environ- ment	
Turbidity (NTU)	NA	1.0	0.54	0	8.2	2024	No	Soil runoff	
Radioactive Contaminants									
Radium (combined 226/228) (pCi/L)	0	5	.627	NA	NA	2022	No	Erosion of natural deposits	
Uranium (ug/L)	0	30	2.3	NA	NA	2022	No	Erosion of natural deposits	
Contaminants	MCLG	AL	Your Water	Range		Sample Date	Samples Exceeding AL	Exceeds AL	Typical Source
				Low	High				
Inorganic Contaminants									
Copper (ppm)	1.3	1.3	0.27	ND	0.32	2024	0	No	Corrosion plumbing systems; Erosion
Lead (ppb)	0	15	6.12	ND	7.05	2024	0	No	Corrosion plumbing systems; Erosion

*Sodium has no established MCL but has a state notification level of 100 ppm.

** A MCL has not been established for this chemical.

Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L).
ppb	ppb: parts per billion, or micrograms per liter (µg/L).
NTU	NTU: Nephelometric Turbidity Units. Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system.
Positive samples/month	Positive samples/month: Number of samples taken monthly that were found to be positive.
NA	NA: not applicable.
ND	ND: Not detected.

Important Drinking Water Definitions	
Term	Definition
MCLG	MCLG: Maximum Contaminant Level Goal: The level of contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum Residual Disinfection 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 contaminants.
MRDL	MRDL: Maximum Residual Disinfection 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.
MNR	MNR: Monitored Not Regulated.
MPL	MPL: State Assigned Maximum Permissible Level.

Lead Service Line Inventory

A service line inventory was prepared and can be accessed by contacting Scalzo Property Management at 203-790-6888.

How can I get involved?

For further information on our water quality committee meetings, please contact:
Scalzo Property Management—Travis Hyatt
Address: 2 Stony Hill Rd.
Bethel, CT 06801
Phone: 203-790-6888

Why are there contaminants in my drinking water?

Drinking water, including bottled water may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline: (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides—they contain hazardous chemicals that reach your drinking water source.

Source Water Protection Tips continued

- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources. Or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPS's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people, "Dump No Waste—Drains to River" or, "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

Additional Information for Lead

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. Candlewood Shores Tax District is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact Candlewood Shores Tax District and Travis Hyatt. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>.

Water Conservation Tips

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference—try one today and soon it will become second nature.

- Take short showers—a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off your water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit www.eps.gov/watersense for more information.

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Annual Report on Water
Purity From Your Water Supplier



AQUA ENVIRONMENTAL LAB

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