

# **Candlewood Shores Tax District**

## **Consumer Confidence Report (CCR)**

### **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 (SDWA). 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 (2025) water quality. We are committed to providing you with information because informed customers 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 advice 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?**

Water is provided by seven (7) ground water sources (wells) located on the Candlewood Shores property.

### **Source water assessment and its availability**

A Sanitary Survey performed, on schedule on September 29, 2023, showed no significant and no minor deficiencies at the time of the Survey. Any Survey recommendations were addressed in a timely manner.

### **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, 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.

### **How can I get involved?**

CSTD members interested in participation may contact:

Candlewood Shores Tax District  
55 Longview Drive  
Brookfield, CT 06804-1414  
Phone: 203-775-1172

### **Description of Water Treatment Process**

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

### **Additional Information for Lead**

The system inventory does not include lead service lines.  
Certified Water System Operator confirmed with records and inspection that there are no lead service lines.

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 (Public Watersystem Id: CT0180061) by calling 203-790-6888 or emailing [thyatt@scalzoproperty.com](mailto:thyatt@scalzoproperty.com). 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>.

### **Additional Information for Nitrate**

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask for advice from your health care provider.

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## **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. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. 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 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 below the table.

| Contaminants                                                   | MCLG<br>or<br>MRDLG | MCL,<br>TT, or<br>MRDL                                                                                                                                                                                                                                 | Detect<br>In<br>Your<br>Water | Range |      | Sample<br>Date | Violation | Typical Source                                                                              |
|----------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------|------|----------------|-----------|---------------------------------------------------------------------------------------------|
|                                                                |                     |                                                                                                                                                                                                                                                        |                               | Low   | High |                |           |                                                                                             |
| Inorganic Contaminants                                         |                     |                                                                                                                                                                                                                                                        |                               |       |      |                |           |                                                                                             |
| Barium (ppm)                                                   | 2                   | 2                                                                                                                                                                                                                                                      | 0.063                         | NA    | NA   | 2025           | No        | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits  |
| Nitrate [measured as Nitrogen] (ppm)                           | 10                  | 10                                                                                                                                                                                                                                                     | 6.39                          | 5.17  | 6.39 | 2025           | No        | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| Microbiological Contaminants                                   |                     |                                                                                                                                                                                                                                                        |                               |       |      |                |           |                                                                                             |
| E. coli (RTCR) - in the distribution system (positive samples) | 00                  | Routine and repeat samples are total coliform positive and either is E. coli - positive or system fails to take repeat samples following E. coli positive routine sample or system fails to analyze total coliform positive repeat sample for E. coli. | 00                            | NA    | NA   | 2025           | No        | Human and animal fecal waste                                                                |
| Total Coliform (RTCR) (% positive samples/month)               | NA                  | TT                                                                                                                                                                                                                                                     | NA                            | NA    | NA   | 2025           | No        | Naturally present in the environment                                                        |
| Turbidity (NTU)                                                | NA                  | 5                                                                                                                                                                                                                                                      | 1.4                           | NA    | NA   | 2025           | No        | Soil runoff                                                                                 |
| Radioactive Contaminants                                       |                     |                                                                                                                                                                                                                                                        |                               |       |      |                |           |                                                                                             |
| Radium (combined 226/228) (pCi/L)                              | 00                  | 5                                                                                                                                                                                                                                                      | 1.59                          | NA    | NA   | 2025           | No        | Erosion of natural deposits                                                                 |
| Uranium (ug/L)                                                 | 00                  | 30                                                                                                                                                                                                                                                     | 3.1                           | NA    | NA   | 2025           | No        | Erosion of natural deposits                                                                 |

## Violations and Exceedances

## Undetected Contaminants

The following contaminants were monitored for, but not detected, in your water.

| Contaminants                 | MCLG<br>or<br>MRDLG | MCL,<br>TT, or<br>MRDL | Your<br>Water | Violation | Typical Source                                                                                         |
|------------------------------|---------------------|------------------------|---------------|-----------|--------------------------------------------------------------------------------------------------------|
| 1,1,1-Trichloroethane (ppb)  | 200                 | 200                    | ND            | No        | Discharge from metal degreasing sites and other factories                                              |
| 1,1,2-Trichloroethane (ppb)  | 3                   | 5                      | ND            | No        | Discharge from industrial chemical factories                                                           |
| 1,1-Dichloroethylene (ppb)   | 7                   | 7                      | ND            | No        | Discharge from industrial chemical factories                                                           |
| 1,2,4-Trichlorobenzene (ppb) | 70                  | 70                     | ND            | No        | Discharge from textile-finishing factories                                                             |
| 1,2-Dichloroethane (ppb)     | 0                   | 5                      | ND            | No        | Discharge from industrial chemical factories                                                           |
| 1,2-Dichloropropane (ppb)    | 0                   | 5                      | ND            | No        | Discharge from industrial chemical factories                                                           |
| 2,4,5-TP (Silvex) (ppb)      | 50                  | 50                     | ND            | No        | Residue of banned herbicide                                                                            |
| 2,4-D (ppb)                  | 70                  | 70                     | ND            | No        | Runoff from herbicide used on row crops                                                                |
| Antimony (ppb)               | 6                   | 6                      | ND            | No        | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.    |
| Arsenic (ppb)                | 0                   | 10                     | ND            | No        | Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes |
| Asbestos (MFL)               | 7                   | 7                      | ND            | No        | Decay of asbestos cement water mains; Erosion of natural deposits                                      |
| Atrazine (ppb)               | 3                   | 3                      | ND            | No        | Runoff from herbicide used on row crops                                                                |
| Benzene (ppb)                | 0                   | 5                      | ND            | No        | Discharge from factories; Leaching from gas storage tanks and landfills                                |
| Benzo(a)pyrene (ppt)         | 0                   | 200                    | ND            | No        | Leaching from linings of water storage tanks and distribution lines                                    |

| Contaminants                               | MCLG<br>or<br>MRDLG | MCL,<br>TT, or<br>MRDL | Your<br>Water | Violation | Typical Source                                                                                                                      |
|--------------------------------------------|---------------------|------------------------|---------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------|
| Beryllium (ppb)                            | 4                   | 4                      | ND            | No        | Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries            |
| Cadmium (ppb)                              | 5                   | 5                      | ND            | No        | Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints |
| Carbofuran (ppb)                           | 40                  | 40                     | ND            | No        | Leaching of soil fumigant used on rice and alfalfa                                                                                  |
| Carbon Tetrachloride (ppb)                 | 0                   | 5                      | ND            | No        | Discharge from chemical plants and other industrial activities                                                                      |
| Chlordane (ppb)                            | 0                   | 2                      | ND            | No        | Residue of banned termiticide                                                                                                       |
| Chlorobenzene<br>(monochlorobenzene) (ppb) | 100                 | 100                    | ND            | No        | Discharge from chemical and agricultural chemical factories                                                                         |
| Chromium (ppb)                             | 100                 | 100                    | ND            | No        | Discharge from steel and pulp mills; Erosion of natural deposits                                                                    |
| Cyanide (ppb)                              | 200                 | 200                    | ND            | No        | Discharge from plastic and fertilizer factories; Discharge from steel/metal factories                                               |
| Dalapon (ppb)                              | 200                 | 200                    | ND            | No        | Runoff from herbicide used on rights of way                                                                                         |
| Di (2-ethylhexyl) adipate (ppb)            | 400                 | 400                    | ND            | No        | Discharge from chemical factories                                                                                                   |
| Di (2-ethylhexyl) phthalate (ppb)          | 0                   | 6                      | ND            | No        | Discharge from rubber and chemical factories                                                                                        |
| Dichloromethane (ppb)                      | 0                   | 5                      | ND            | No        | Discharge from pharmaceutical and chemical factories                                                                                |
| Dinoseb (ppb)                              | 7                   | 7                      | ND            | No        | Runoff from herbicide used on soybeans and vegetables                                                                               |
| Diquat (ppb)                               | 20                  | 20                     | ND            | No        | Runoff from herbicide use                                                                                                           |
| Endrin (ppb)                               | 2                   | 2                      | ND            | No        | Residue of banned insecticide                                                                                                       |
| Ethylbenzene (ppb)                         | 700                 | 700                    | ND            | No        | Discharge from petroleum refineries                                                                                                 |
| Ethylene dibromide (ppt)                   | 0                   | 50                     | ND            | No        | Discharge from petroleum refineries                                                                                                 |
| Fluoride (ppm)                             | 4                   | 4                      | ND            | No        | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories           |

| Contaminants                           | MCLG<br>or<br>MRDLG | MCL,<br>TT, or<br>MRDL | Your<br>Water | Violation | Typical Source                                                                                                    |
|----------------------------------------|---------------------|------------------------|---------------|-----------|-------------------------------------------------------------------------------------------------------------------|
| Glyphosate (ppb)                       | 700                 | 700                    | ND            | No        | Runoff from herbicide use                                                                                         |
| Haloacetic Acids (HAA5) (ppb)          | NA                  | 60                     | ND            | No        | By-product of drinking water chlorination                                                                         |
| Heptachlor (ppt)                       | 0                   | 400                    | ND            | No        | Residue of banned pesticide                                                                                       |
| Heptachlor epoxide (ppt)               | 0                   | 200                    | ND            | No        | Breakdown of heptachlor                                                                                           |
| Hexachlorobenzene (ppb)                | 0                   | 1                      | ND            | No        | Discharge from metal refineries and agricultural chemical factories                                               |
| Hexachlorocyclopentadiene (ppb)        | 50                  | 50                     | ND            | No        | Discharge from chemical factories                                                                                 |
| Mercury [Inorganic] (ppb)              | 2                   | 2                      | ND            | No        | Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland |
| Methoxychlor (ppb)                     | 40                  | 40                     | ND            | No        | Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, livestock                                   |
| Nitrite [measured as Nitrogen] (ppm)   | 1                   | 1                      | ND            | No        | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits                       |
| Oxamyl [Vydate] (ppb)                  | 200                 | 200                    | ND            | No        | Runoff/leaching from insecticide used on apples, potatoes and tomatoes                                            |
| PCBs [Polychlorinated biphenyls] (ppt) | 0                   | 500                    | ND            | No        | Runoff from landfills; Discharge of waste chemicals                                                               |
| Pentachlorophenol (ppb)                | 0                   | 1                      | ND            | No        | Discharge from wood preserving factories                                                                          |
| Picloram (ppb)                         | 500                 | 500                    | ND            | No        | Herbicide runoff                                                                                                  |
| Selenium (ppb)                         | 50                  | 50                     | ND            | No        | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines                  |
| Simazine (ppb)                         | 4                   | 4                      | ND            | No        | Herbicide runoff                                                                                                  |
| Styrene (ppb)                          | 100                 | 100                    | ND            | No        | Discharge from rubber and plastic factories; Leaching from landfills                                              |
| TTHMs [Total Trihalomethanes] (ppb)    | NA                  | 80                     | ND            | No        | By-product of drinking water disinfection                                                                         |
| Tetrachloroethylene (ppb)              | 0                   | 5                      | ND            | No        | Discharge from factories and dry cleaners                                                                         |
| Thallium (ppb)                         | .5                  | 2                      | ND            | No        | Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories                         |

| Contaminants                     | MCLG<br>or<br>MRDLG | MCL,<br>TT, or<br>MRDL | Your<br>Water | Violation | Typical Source                                              |
|----------------------------------|---------------------|------------------------|---------------|-----------|-------------------------------------------------------------|
| Toluene (ppm)                    | 1                   | 1                      | ND            | No        | Discharge from petroleum factories                          |
| Toxaphene (ppb)                  | 0                   | 3                      | ND            | No        | Runoff/leaching from insecticide used on cotton and cattle  |
| Trichloroethylene (ppb)          | 0                   | 5                      | ND            | No        | Discharge from metal degreasing sites and other factories   |
| Vinyl Chloride (ppb)             | 0                   | 2                      | ND            | No        | Leaching from PVC piping; Discharge from plastics factories |
| cis-1,2-Dichloroethylene (ppb)   | 70                  | 70                     | ND            | No        | Discharge from industrial chemical factories                |
| o-Dichlorobenzene (ppb)          | 600                 | 600                    | ND            | No        | Discharge from industrial chemical factories                |
| p-Dichlorobenzene (ppb)          | 75                  | 75                     | ND            | No        | Discharge from industrial chemical factories                |
| trans-1,2-Dichloroethylene (ppb) | 100                 | 100                    | ND            | No        | Discharge from industrial chemical factories                |

| Unit Descriptions        |                                                                                                                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Term                     | Definition                                                                                                                                                                             |
| ug/L                     | ug/L : Number of micrograms of substance in one liter of water                                                                                                                         |
| ppm                      | ppm: parts per million, or milligrams per liter (mg/L)                                                                                                                                 |
| ppb                      | ppb: parts per billion, or micrograms per liter (g/L)                                                                                                                                  |
| ppt                      | ppt: parts per trillion, or nanograms per liter                                                                                                                                        |
| pCi/L                    | pCi/L: picocuries per liter (a measure of radioactivity)                                                                                                                               |
| MFL                      | MFL: million fibers per liter, used to measure asbestos concentration                                                                                                                  |
| 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: Percent of samples taken monthly that were positive                                                                                                          |
| NA                       | NA: not applicable                                                                                                                                                                     |
| ND                       | ND: Not detected                                                                                                                                                                       |
| NR                       | NR: Monitoring not required, but recommended.                                                                                                                                          |
| positive samples         | positive samples/yr: The number of positive samples taken that year                                                                                                                    |

| <b>Important Drinking Water Definitions</b> |                                                                                                                                                                                                                                                         |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Term</b>                                 | <b>Definition</b>                                                                                                                                                                                                                                       |
| MCLG                                        | MCLG: Maximum Contaminant Level Goal: The level of a 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 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.                              |
| MNR                                         | MNR: Monitored Not Regulated                                                                                                                                                                                                                            |
| MPL                                         | MPL: State Assigned Maximum Permissible Level                                                                                                                                                                                                           |
| 90th Percentile                             | Compliance with the lead and copper action levels is based on the 90th percentile lead and copper levels. This means that the concentration of lead and copper must be less than or equal to the action level in at least 90% of the samples collected. |

**For more information please contact:**

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BETHEL, CT 06801  
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