

# 2017 CONSUMER CONFIDENCE REPORT

## Ninigret Realty Company

Charlestown, RI

PWS ID#2674928

We are very pleased to provide you with this year's Consumer Confidence Report. This report provides you with information on the water and services that we delivered to you in 2017. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies.

We want our valued customers to be informed about their water utility. There are no regularly scheduled meetings, therefore; if after reviewing this report you have any questions, or would like to know more about the Ninigret Realty Company water system, please call Charles E. Brooks at 401-742-5315.

### **The Quality of Your Drinking Water**

Our goal is to provide you with a safe and dependable supply of drinking water. We're proud to inform you that your drinking water meets all Federal and State requirements. We are committed to ensuring the quality of your water.

### **The Source of Your Drinking Water**

Our water source is one well located on the premises.

The RI Department of Health, in cooperation with other state and federal agencies, has assessed the threats to Ninigret Realty Company's water supply sources. The assessment considered the intensity of development, the presence of businesses and facilities that use, store or generate potential contaminants, how easily contaminants may move through the soils in the Source Water Protection Area (SWPA), and the sampling history of the water.

Our monitoring program continues to assure that the water delivered to your home is safe to drink. However, the assessment found that the water source is at MODERATE RISK of contamination. This means the water could one day become contaminated. Monitoring and protection efforts are necessary to assure continued water quality. The complete Source Water Assessment Report is available from the Ninigret Realty Company or the Department of Health at (401) 222-6867.

### **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).

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.

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, which 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.
- **Radioactive contaminants**, which can be naturally occurring or the result of oil and gas production and mining activities.

### **Water Quality Test Results**

The table below lists all of the drinking water contaminants that were detected through our water quality monitoring and testing. 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 the January – December 2017 monitoring period. For those contaminants that are monitored less frequently the most recent test results are listed.

Maximum Contaminant Levels (MCL's) are set at very stringent levels. The Maximum Contaminant Level Goal (MCLG) is set at a level where no health effects would be expected, and the MCL is set as close to that as possible, considering available technology and cost of treatment. A person would have to drink 2 liters of water every day, as recommended by health professionals, at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

2017 TEST RESULTS						
Contaminants	Violation Y/N	Level Detected (Range)	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>						
Barium (2015)	N	0.001 single sample	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper* (2017)	N	2.48	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead* (2017)	N	6.0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Nitrate (as Nitrogen) (2017)	N	0.17 single sample	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

\*All sampling results represented at the 90<sup>th</sup> Percentile. Copper had two samples above the action of 1.3 ppm, and Lead had all samples below its action level of 15 ppb.

**Parts per million (ppm) or Milligrams per liter (mg/L)** - One part per million corresponds to one minute in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter (ug/L)** - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

**Action Level (AL)** - The concentration of a contaminant which if exceeded, triggers treatment or other requirements which a water system must follow.

**Maximum Contaminant Level (MCL)** -The MCL is 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.

**Maximum Contaminant Level Goal (MCLG)** - The MCLG is 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.

The State of Rhode Island requires testing for other contaminants not regulated by the US EPA. The following contaminants were detected in the United Water Rhode Island system:

**Chloroform:** In 2015, chloroform was detected in Well #1 at a level of 2.7 ppm.

**Sodium:** In 2017, Sodium was detected at a level of 7.51 ppm.

#### PFAS Language

Our water system has sampled for a series of unregulated contaminants known as Per/polyfluorinated Alkyl Substances (PFASs). Unregulated contaminants are those that don't yet have a drinking water standard set by EPA. As our customers, you have a right to know that these data are available. If you are interested in examining the results please contact us at the at the contact information listed above.

#### **Consumer Confidence Report Reporting Violation**

Our system failed to submit our 2016 Consumer Confidence Report (CCR) to the Rhode Island Department of Health's Center for Drinking Water Quality by July 1<sup>st</sup>, 2017 as required by State and Federal regulations, and thus were issued this violation. The report was submitted on March 20, 2018 to the Department of Health and we have been found to be in compliance and the matter closed. This does not pose a threat to the quality of our water.

#### **Consumer Confidence Report Adequacy/Availability/Content**

Our system failed to submit our 2016 Consumer Confidence Report (CCR) Certification Form to the Rhode Island Department of Health's Center for Drinking Water Quality by October 1<sup>st</sup>, 2017 as required by State and Federal regulations, and thus were issued this violation. The certification form was submitted on March 20, 2018 to the Department of Health and we have been found to be in compliance and the matter closed. This does not pose a threat to the quality of our water.

#### **Lead and Copper Monitor/Reporting Violation**

During the monitoring period of January 1, 2014 – December 31, 2016, our water system failed to test and report Lead & Copper results to the Rhode Island Department of Health's Center for Drinking Water Quality as per our sampling schedule. Testing was resumed in 2017, and results may be found in the table above. We will comply with the testing schedule in compliance with the Department of Health's regulations.

### **Copper AL Exceedance Notification**

In September 2017, routine sampling detected Copper in excess of the maximum level allowed. Two out of Ten sites sampled, exceeded the action level for Copper. Drinking water regulations require that samples are taken from homes with a high risk potential for Lead & Copper in the plumbing. Public education material was distributed to all residents, shortly thereafter. Lead & Copper sampling will resume as scheduled. Results of subsequent future Lead & Copper testing will be made available to all residents. Copper Health Effects: Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short time could experience gastrointestinal distress, or suffer liver or kidney damage. People with Wilson's Disease should consult their doctor.

For most people, the health benefits of drinking plenty of water outweigh any possible health risk from these contaminants. However, 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).

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. The Ninigret Realty Company 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 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>.

We at the Ninigret Realty Company work to provide top quality water to every tap. We encourage all of our customers to conserve and use water efficiently and remind you to help us protect our water sources, which are the heart of our community, our way of life and our children's future. Please do not hesitate to call our office with any questions.

**IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**

**Monitoring Requirements Not Met for Ninigret Realty  
PWS 2674928**

The Ninigret Realty water system violated a drinking water standard over the past year. Even though this was not an emergency, as our customers, you have the right to know what happened and what we did to correct the situation.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the monitoring period of 1/1/2014 to 12/31/2016 we did not monitor for lead and copper and therefore cannot be sure of the quality of our drinking water during that time.

**What should I do?**

There is nothing you need to do at this time.

The table below lists the contaminants we did not properly test for during the last compliance period, how often we are supposed to sample for these contaminants, how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date on which replacement samples will be taken.

<b>Contaminant</b>	<b>Required Sampling Frequency</b>	<b>Number of Samples Taken</b>	<b>When All Samples Should Have Been Taken</b>	<b>When Samples Were or Will Be Taken</b>
Lead (Pb) & Copper (Cu)	5 samples per 3 year period as first draw from separate taps	None	1/1/2014 to 12/31/2016	10 samples between 6/1/2017 to 9/30/2017

**What happened?** \_\_\_\_\_  
\_\_\_\_\_

**What is being done?** \_\_\_\_\_  
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For more information, please contact Charles Brooks at 401-213-6032

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Ninigret Realty

PWSID# 2674928

Date distributed: \_\_\_\_\_