



February 2, 2018

**Subject: Important Information About Your Drinking Water**

Dear China Grove Water Customer,

During the most recent monitoring period, the Town of China Grove water system, operated and managed by Salisbury-Rowan Utilities (SRU), was in violation of a drinking water standard. Results for the period ending December 31, 2017 indicated that the water system exceeded the maximum containment level (MCL) for Total Trihalomethanes (TTHM). The State regulatory standard for TTHM is 0.080 mg/L, and one sampling location had an average level of 0.083 mg/L.

As detailed in a letter mailed in August 2017 to all China Grove customers, a 15-year water supply contract between the City of Salisbury and the Town of Landis and City of Kannapolis ended in October of 2016 resulting in the loss of 375,000 gallons per day of water usage and an increase in water age and TTHM production. Despite our initial efforts to mitigate this problem, the water system first exceeded the limit for TTHM for the quarter ending June 30, 2017.

We have initiated an aggressive flushing program including taps and hydrant flushers that will significantly reduce water age, a key component of TTHM production, within the China Grove water system. A flushing tap near E. Centerview St. was added in September of 2017 to aid in this program. In addition, the project to add floating shade covers to our reservoirs has been completed which allows for a reduction in the chemicals required to produce clean drinking water, ultimately reducing TTHM production at our water treatment facility and distribution system. Furthermore, SRU staff have performed routine non-complaint sampling and analysis to evaluate TTHM levels in the system.

By taking these measures, SRU fully expects reduction in levels of TTHM and we expect to be within State regulatory guidelines within the next quarterly reporting period (March 31, 2018). For more information about Total Trihalomethanes and what SRU is doing to improve the water quality in China Grove, please refer to the following website:

<http://salisburync.gov/Government/Salisbury-Rowan-Utilities/Water-Quality>

Please refer to the included Notice to the Public for additional information about this violation. If you have any questions regarding TTHMs or any other concerns regarding the Town's water system, please feel free to contact me directly at (704) 638-4484.

Sincerely,

A handwritten signature in black ink, appearing to be "Alan Fowler", written over a white background.

Alan Fowler, Operator in Responsible Charge  
Salisbury-Rowan Utilities

# NOTICE TO THE PUBLIC

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

### Town of China Grove Has Levels of Total Trihalomethanes (TTHMs) Above Drinking Water Standards

The Town of China Grove water system recently violated a drinking water standard. **Although this is not an emergency**, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Monitoring results for water samples collected during the time period ending December 31, 2017 show that the contaminant concentration from one or more sampling locations in our water system exceeds the standard, or maximum contaminant level (MCL), for Total Trihalomethanes (TTHM). The standard for TTHM is 0.080 mg/L. Over the referenced compliance period, the sample location with the highest average level of TTHM had a concentration of 0.083 mg/L.

#### **What should I do?**

1. There is nothing you need to do. You do not need to boil your water or take other corrective actions. However, if you have specific health concerns, consult your doctor. If a situation arises where the water is no longer safe to drink you will be notified within 24 hours.
2. if you have a severely compromised immune system, have an infant, are pregnant, or are elderly, you may be at increased risk and should seek advice from your health care providers about drinking this water.

#### **What does this mean?**

This is not an immediate risk. If it had been, you would have been notified immediately. However, **some people who drink the water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer.**

#### **What happened? What is being done? When will the problem be corrected?**

TTHMs are formed by the gradual decay of chlorine, a disinfectant that is added to your drinking water to protect public health. Due to the loss of demand from the Town of Landis and City of Kannapolis beginning October of 2016, the water age has increased allowing for elevated TTHM levels to occur. To mitigate this problem, Salisbury-Rowan Utilities (SRU) has a water main flushing program that lowers the "water age" and keeps TTHMs within safe levels. SRU has increased the amount of flushing and will be implementing additional measures that will reduce the water age, and lower levels of TTHM. We anticipate that these changes will result in a reduction in TTHM levels that will meet the TTHM standard by March 31, 2017.

**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.**

For more information, please contact:

Responsible Person Alan Fowler	System Name CHINA GROVE, TOWN OF	System Address (Street) 333 N. Main St.
Phone Number 704-638-4484	System PWSID # NC0180040	System Address (City, State, Zip) China Grove, NC 28023-2537

Violation Awareness Date: **January 23, 2018**

Date Notice Distributed: **February 2, 2018** Method of Distribution: **Direct Mail**

#### **Public Notification Certification:**

The public water system named above hereby affirms that public notification has been provided to its consumer in accordance with all delivery, content, format, and deadline requirements specified in 15A NCAC 18C .1523.

Owner/Operator: \_\_\_\_\_

(Signature)

Alan Fowler

(Print Name)

February 2, 2018

(Date)