



PUBLIC NOTIFICATION (PN) CERTIFICATION FORM

Public Water System Name: Christiana Borough

PWSID Number: 7360007

Date of Violation/Situation: Saturday October 26, 2023 16:20pm

Description of Violation/Situation: The Well #1 reservoir level dropped below the permitted level of 8 feet. The lower reservoir level does not provide adequate chlorine contact time. The system will again be investigated for leaks and the well pump and associated controls, along with static water level in the well are and have been being evaluated to determine if there is a problem with the pump or something else causing less water production.

Notified DEP (or CHD) within 1 hour

Date or NA: 10/29/2023

Consulted with DEP within 24 hours

Date or NA: _____

PN Level: Tier 1 Tier 2 Tier 3

Type of notice addressed by this certification: Initial Repeat

Methods and date of public notice deliveries to customers:

- Method: Phone blast to residents Date: 10/29/2023
- Method: Posted on website Date: 10/29/2023
- Method: _____ Date: _____
- Method: _____ Date: _____

- The public notice included the required elements: a description of the violation/situation; potential health effects; the population at risk; if alternate water supplies need to be used; when the violation/situation occurred; when the system will resolve the violation/situation; what is being done to correct the problem; actions consumers can take water system contact information; and language encouraging broader distribution of the notice.

A copy of each type of notice that was distributed is attached to this certification form

Certified by:

As a representative of the Public Water System (PWS) indicated above, I certify that public notification addressing the above violation/situation was distributed to all customers in accordance with the prescribed content, format, deadlines and delivery requirements outlined in Chapter 25 Pa. Code Chapter 109 Subchapter D of the Department of Environmental Protection (DEP)'s regulations.

Signature: Bobbi Maser Date: 10/29/2023

Print Name and Title: Bobbi Maser, Borough Manager

Phone Number: 610-593-5199 X 3

Complete and submit this form to your local DEP office **within 10 days** of issuing the public notification described above. DEP District Office and County Health Department contact information can be found within DEP document number 3930-FM-BSDW0560, which can be located by searching for document number 3930-FM-BSDW0560 in DEP's eLibrary at the following link: <http://www.depgreenport.state.pa.us/elibrary/Search>.

For DEP use only. Checked by: _____ **Date:** _____



**DRINKING WATER WARNING
BOIL YOUR WATER BEFORE USING**

HIERVAN EL AGUA ANTES DE USARLA.

**ESTE INFORME CONTIENE INFORMACION IMPORTANTE ACERCA DE SU AGUA POTABLE.
HAGA QUE ALGUIEN LO TRADUZCA PARA USTED, O HABLE CON ALGUIEN QUE LO ENTIENDA.**

Christiana Municipal Water does not meet treatment requirements.

We routinely monitor your water's disinfectant residual concentration. This tells us whether we are effectively disinfecting the water supply. Beginning on Saturday, October 28, 2023, the well pump was not producing enough water to keep up with demand which caused levels in our storage tank to fall below the level required for adequate chlorine contact time. This constitutes a breakdown in treatment. There is an increased chance that the water may contain disease-causing organisms.

What should I do?

DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST. Bring all water to a boil, let it boil for one minute, and let it cool before using, or use bottled water. Boiled or bottled water should be used for drinking, making ice, brushing teeth, washing dishes, and food preparation **until further notice**. Boiling kills bacteria and other organisms in the water.

Inadequately treated or inadequately protected water may contain disease-causing organisms. These organisms can cause symptoms such as diarrhea, nausea, cramps, and associated headaches.

If you have specific health concerns, you may wish to consult your doctor.

What happened? What is being done?

• **Contact Time:**

In order to ensure proper disinfection, water in the treatment plant must be in contact with chlorine or a similar disinfectant for a minimum amount of time. Beginning on Saturday, October 28, 2023, this ~~did~~ not occur. Although chlorine quickly kills most bacteria, it is less effective against organisms such as viruses and parasites. For this reason, water needs to mix with chlorine for a longer time period to kill such organisms. The amount of time necessary, or the "contact time", depends on the amount of disinfectant in the water and the temperature of the water.

• **What is being done:**

The system will be investigated for leaks and the well pump and associated controls, along with static water level in the well are and have been being evaluated to determine if there is a problem with the pump or something else causing less water production. After the system is repaired and/or the reservoir maintains a consistent level above the minimum required, we will inform you when you no longer need to boil your water.

For more information, please contact:

Bobbi Maser

at 610-593-5199

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 Christiana Municipal Water Authority.