



PUBLIC NOTIFICATION (PN) CERTIFICATION FORM

Public Water System Name: Christiana Borough

PWSID Number: 7360007

Date of Violation/Situation: February 3, 2024

Description of Violation/Situation: Beginning on Saturday, February 3, 2024, Well #3 pump failed and was taken out of service for repair. Well #1 alone cannot meet the demand therefore, we are opening our interconnect with Pennsylvania American's Coatesville system in the afternoon of February 3, 2024. Water is chloraminated and fluoride is added, and notice was provided with relevant information.

Notified DEP (or CHD) within 1 hour

Date or NA: 02/03/24

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: 02/03/2024

Method: Posted on website Date: 02/03/2024

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: 02/03/2024

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:** _____

CHRISTIANA MUNICIPAL WATER AUTHORITY CHLORAMINE AND FLUORIDE NOTIFICATION

February 3, 2024

Dear customer,

Beginning on Saturday, February 3, 2024, Well #3 pump failed and was taken out of service for repair. Well #1 alone cannot meet the demand therefore, we are opening our interconnect with Pennsylvania American's Coatesville system in the afternoon of February 3, 2024. The PA American system uses chloramination as a primary disinfectant and adds fluoride to the water. We are required to let you know the following:

Chloramine

Although the use of chloramine is proven to be safe, kidney dialysis patients and fish owners must take special care when using chloraminated water. As with chlorine, chloramine must be removed from water that is used in the kidney dialysis process and from water that is used in fish tanks or ponds. All dialysis units should include a means for removing chloramine. Medical facilities should also determine if additional precautions are required for other medical equipment.

If you have a fish tank, please make sure that the chemicals or filters that you are using are designed for use in water that has been treated with chloramines. Please note that, unlike free chlorine, chloramines will not dissipate in water left to sit out and must be removed prior to use in fish tanks or ponds.

Fluoride

Many communities add fluoride to their drinking water to promote dental health. Each community makes its own decision about whether or not to add fluoride. EPA has set an enforceable drinking water standard for fluoride of 4 mg/L (some people who drink water containing fluoride in excess of this level over many years could get bone disease, including pain and tenderness of the bones). EPA has also set a secondary fluoride standard of 2 mg/L to protect against dental fluorosis. Dental fluorosis, in its moderate or severe forms, may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should not drink water that has more than 2 mg/L of fluoride. PA American is subject to the same standards for the water provided through the interconnection.

Once the repairs are complete and our storage tank reaches adequate levels for disinfection, we will close the interconnect with PA American and resume our practice of disinfection using sodium hypochlorite and no fluoridation. We will also let you know once the interconnect is closed and there is no longer fluoride and chloramine added to your water.

If you have any questions about our temporary switch to chloramine disinfection and fluoride addition, please contact Bobbi Maser - Borough Manager at 610-593-5199.