

2020 JUN 16 AM 9:03

2019 CERTIFICATION

Consumer Confidence Report (CCR)

Philadelphia Utilities

Public Water System Name

Public Water Supply ID #0500008

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must email, fax (but not preferred) or mail, a copy of the CCR and Certification to the MSDH.** Please check all boxes that apply.

Customers were informed of availability of CCR by: (*Attach copy of publication, water bill or other*)

- Advertisement in local paper (*Attach copy of advertisement*)
- On water bills (*Attach copy of bill*)
- Email message (*Email the message to the address below*)
- Other _____

Date(s) customers were informed: 5 / 20 /2020 5 / 27 /2020 / / /2020

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used _____

Date Mailed/Distributed: _____ / _____ / _____

CCR was distributed by Email (*Email MSDH a copy*) Date Emailed: _____ / _____ / 2020

- As a URL _____ (*Provide Direct URL*)
- As an attachment
- As text within the body of the email message

CCR was published in local newspaper. (*Attach copy of published CCR or proof of publication*)

Name of Newspaper: The Neshoba DemocratDate Published: 5/20 /2020 & 5/27/2020

CCR was posted in public places. (*Attach list of locations*) Date Posted: 6 / 15 / 2020

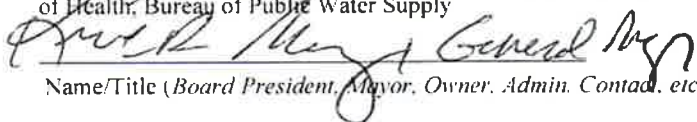
Posted in office of Philadelphia Utilities & PU Water Plant

CCR was posted on a publicly accessible internet site at the following address: _____

(*Provide Direct URL*)

CERTIFICATION

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the Mississippi State Department of Health, Bureau of Public Water Supply


Name/Title (*Board President, Mayor, Owner, Admin. Contact, etc.*)

6/15/2020
Date

Submission options (*Select one method ONLY*)

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576 - 7800

****Not a preferred method due to poor clarity****

CCR Deadline to MSDH & Customers by July 1, 2020!

2020 Consumer Confidence Report

Is my water safe?

Yes, your water is safe and meets all U. S. Environmental Protection Agency (EPA) and safe drinking water health standards.

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?

Philadelphia Utilities uses five deep wells, pumping from the Lower Wilcox Aquifer, to supply water for our customers.

Source water assessment and its availability

The SWA is available for viewing by appointment at Philadelphia Utilities water treatment plant.

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).

How can I get involved?

Our regularly scheduled meetings are held at 8:00 am on the second Thursday of each month at the main office of Philadelphia Utilities, located at 435 Myrtle St. East, Philadelphia, Ms. Anyone wishing to be placed on the meeting agenda, should contact Kirk R. Morgan, Executive Secretary, at 601-656-1121.

Consumer Confidence Report

This report will be published in the Neshoba Democrat; it will not be mailed nor direct delivered.

Additional Information for Lead

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. Philadelphia Utilities 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>.

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 or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl ₂) (ppm)	4	4	1.4	NA	NA	2019	No	Water additive used to control microbes
Inorganic Contaminants								
Barium (ppm)	2	2	.0198	NA	NA	2019	No	Erosion of natural deposits
Chromium (ppb)	100	100	.7	NA	NA	2019	No	Erosion of natural deposits
Fluoride (ppm)	4	4	.452	NA	NA	2019	No	To Comply with the "Regulation Governing Fluoridation of Community Water Supplies", MS0500008 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 9. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 75%.
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	.1	2019	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	

Additional Contaminants

In an effort to insure the safest water possible the State has required us to monitor some contaminants not required by Federal regulations. Of those contaminants only the ones listed below were found in your water.

Contaminants	State MCL	Your Water	Violation	Explanation and Comment
Sodium		17000 PPB	No	Likely source of contamination - Road Salt, Water Treatment Chemicals or Water Softeners.

Unit Descriptions	
Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	Definition
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.
Variations and Exemptions	Variations 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

For more information please contact:

Contact Name: Tim Hisaw
Phone: 601-656-1601

PROOF OF PUBLICATION
THE STATE OF MISSISSIPPI
NESHOBA COUNTY

PERSONALLY appeared before me, the undersigned notary public in and for Neshoba County, Mississippi, Darryl Sainsbury, Jr., Circulation Manager of THE NESHOBA DEMOCRAT, a weekly newspaper of general circulation in Neshoba County, Mississippi as defined and prescribed in Section 13-3-31, of the Mississippi Code of 1972, as amended, who, being duly sworn, states that the notice, a true copy of which is attached hereto was published in the issues of said newspaper as follows:

Date 5/20/20, 2020

Vol. 139, No. 21

Date 5/27/20, 2020

Vol. 139, No. 22

Date _____, 2020

Vol. _____, No. _____



Signed: [Signature]

For
THE NESHOBA DEMOCRAT

SWORN TO AND SUBSCRIBED before me the

27th day of May, 2020.

Samantha McMullan
Notary Public

2020 Consumer Confidence Report

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Your water is safe and meets all U.S. Environmental Protection Agency (EPA) and state drinking water health standards.

Do I need to take special precautions?

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Where does my water come from?

Philadelphia Utilities uses five deep wells, pumping from the Lower Merion Aquifer, to supply water for our customers.

Source water assessment and its availability

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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 (EPA) Safe Drinking Water Hotline (800-426-4761).

How can I get involved?

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Consumer Confidence Report

The report will be published in the Philadelphia Inquirer, a will not be made for direct download.

Additional Information for Lead

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. Philadelphia Utilities is responsible for providing high quality drinking water, but cannot control the extent of materials used at plumbing companies. When your water has been sitting in closed pipes, 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/lead>.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes a schedule which limits the amount of certain contaminants in water provided by public water systems. The table below details 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 that were found to be in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful to your drinking water. Knowing of these contaminants would be extremely expensive, and in some cases, would not provide increased protection or public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless noted, the data presented in this table is from testing done in the calendar year of the report. The EPA's tap water requires us to measure for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, so 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 some test abnormalities that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminant	MCLG or MRL	MCL	Detected in Year	Range	Sample #	Exceeds MCL	Typical Source
	(ppm)	(ppm)		Low - High	Number	Yes/No	
Disinfectants & Disinfection By-Products							
*There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.							
Chlorine (as Cl ₂) (ppm)	4	4	14	NA	2019	No	Water additive used to control bacteria
Inorganic Contaminants							
Barium (ppm)	2	2	0198	NA	2019	No	Erosion of natural deposits
Chromium (ppb)	100	100	?	NA	2019	No	Erosion of natural deposits
Fluoride (ppm)	4	4	452	NA	2019	No	To Comply with the "Regulation Governing Fluoridation of Community Water Supplies", MS000006 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 9. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 79%.
Organic Contaminants							
Copper - action level at consumer use (ppm)	1.3	1.3	1	2019	0	No	Corrosion of household plumbing system; Erosion of natural deposits

Additional Contaminants

In an effort to insure the safest water possible the State has required us to monitor some contaminants not required by Federal regulations. Of those contaminants only the ones listed below were found in your water.

Contaminant	State MCL	Year When Tested	Exceeds MCL	Typical Source
Sodium	17000 PPM	2019	No	Likely source of contamination - Road Salts, Water Treatment Chemicals or Water Softeners.

Unit Description	Definition
ppm	parts per million, or milligrams per liter (mg/L)
ppb	parts per billion, or micrograms per liter (µg/L)
NA	Not Applicable
ND	Not Detected
NR	Monitoring not required, but recommended.