



# AUDUBON WATER COMPANY

## Water Quality Report January 1, 2014 to December 31, 2014

### Dear Customer:

*Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, ó hable con alguien que lo entienda. (This report contains important information about your drinking water. Have someone translate it for you, or speak with someone who understands it.)*

We are pleased to present a summary of the quality of the water provided to you during the past year. The Safe Drinking Water Act (SDWA) requires that utilities issue an annual "Consumer Confidence Report" to customers in addition to other notices that may be required by law. This report details where our water comes from, what it contains, and the risks our water testing and treatment are designed to prevent. AUDUBON WATER COMPANY is committed to providing you with the safest and most reliable water supply. Informed consumers are our best allies in maintaining safe drinking water.

### The bottom line: Is the water safe to drink? Absolutely

Find out more about AUDUBON WATER COMPANY on the Internet at [www.audubonwater.com](http://www.audubonwater.com). Our site includes this report and other information designed to educate our customers including ways you may be able to save on your usage and billing.

**Overview** - In 2013, Audubon Water Company continued system-wide improvement projects. This included the updating of existing well and pump stations.

**Water Source** - Audubon Water Company is supplied by ground water pumped from twelve (12) wells, most of which are near the Audubon section of Lower Providence Township.

**Required Additional Health Information** - To ensure that tap water is safe to drink, EPA prescribes limits on the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled 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 Safe Drinking Water Hotline (800-426-4791).

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 land or through the ground, it dissolves naturally occurring minerals and radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

### Contaminants that may be present in water include:

- (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- (B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

- (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, storm water runoff, and residential uses.
- (D) Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.
- (E) Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

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 infection. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* are available from the Safe Drinking Water Hotline (800-426-4791).

### National Primary Drinking Water Regulation Compliance Important Information About Your Drinking Water

*Este Informe Contiene Informacion Muy Importante Sobre Su Agua De Beber. Traduzcalo O Hable Con Alguien Que Lo Entienda Bien.*

### Monitoring Requirement Not Met for Audubon Water Company

Audubon Water Company had 3 of 10 monthly total coliform tests come back positive in June 2014. These 3 tests did not meet D.E.P. standards.

### What should I do?

There is nothing you need to do at this time. Ten subsequent total coliform tests taken in June 2014 were negative, showing Audubon is meeting drinking water standards.

### What happened?

The positive samples should not have been as there was the required amount of chlorine present. The samples may have become positive for total coliform from a quality control or lab error.

To contact AUDUBON WATER COMPANY call J.H. Russell at 610-630-1200 or visit our web site. [www.audubonwater.com](http://www.audubonwater.com)

### Water Quality Table

Detected Parameter	Unit	MCL	MCLG	Avg. Detect Level	Range	Major Source	Compliance Achieved?
CHLORINE	Mg/L	MRDL = 4	MRDL = 4	1.3	0.3 - 2.0	Water additive used to control microbes	YES
<b>Inorganic Contaminants</b>							
NITRATE	ppm	10	10	1.5	0.3 - 3.1	Erosion of natural deposits; Runoff from fertilizer use; Leaching from septic tanks; Sewage	YES
ARSENIC	ppb	10	0	3.3	0 - 6.5	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes	YES
<b>Volatile Inorganic Contaminants</b>							
CARBON TETRACHLORIDE	ppm	0.005	0	0.0001	0 - .00059	Discharge from metal degreasing sites and other factories.	YES
TETRACHLOROETHYLENE	ppm	0.005	0	0.0001	0 - .00058	Discharge from metal degreasing sites and other factories.	YES
<b>Radiologics</b>							
ALPHA EMITTERS	pCi/l	15	0	7.38	0 - 17.8	Decay of natural deposits	YES
COMBINED RADIUM	pCi/l	5	0	.51	0 - 1.34	Decay of natural deposits	YES
<b>Disinfection By-Products</b>							
TTHM'S Total Trihalomethanes	ppb	80	N/A	6.2	2.4 - 12.7	By-product of drinking water disinfection.	YES
Hplacetic acids (HAA)	ppb	60	N/A	0.95	0 - 1.6	By-product of drinking water disinfection.	YES

## Audubon Water Company

P.O. Box 7337

Audubon, PA 19407

### How to Read The Water Quality Table

This report is based upon tests conducted in the year 2013 by Audubon Water Company. Terms used in the Water Quality Table and in other parts of this report are defined here.

**Maximum Contaminant Level or MCL:** The highest level of contaminant that is allowed in drinking water MCL's are set as close to the MCLGs as feasible using the best available treatment technology.

**Maximum Contaminant Level Goal or MCLG:** The level of contaminant in the drinking water below which there is no known or expected risk to health, MCLGs allow for a margin of safety.

#### Regulated Contaminants:

##### Key

**MCL** = Maximum Contaminant Level

**MFL** = million fibers per liter

**MRDLG** = Maximum Residual Disinfectant Level Goal

**N/A** = Not Applicable

**pCi/l** = picocuries per liter (a measure of radioactivity)

**ppb** = parts per billion, or micrograms per liter (ug/l)

**ppq** = Parts per quadrillion, or picograms per liter

**AL** = Action Level

**MCLG** = Maximum Contaminant Level Goal

**MRDL** = Maximum Residual Disinfectant Level

**mrem/year** = millirems per year (a measure of radiation absorbed by the body)

**NTU** = Nephelometric Turbidity Units (a measure of water clarity)

**ppm** = parts per million, or milligrams per liter (mg/l)

**ppt** = parts per trillion, or nanograms per liter

**TT** = Treatment Technique

#### Water Quality Table Footnotes

Although we ran many tests, only the listed substances were found. They are all below the MCL required. Please see previous CCR at AUDUBONWATER.COM.