



## Typical Water Quality Information

### Punxsutawney System

**PWSID Number:** PA6330010 UPDATED 1/9/2012

**Area Served:** Punxsutawney, Big Run, Walston and Delancey

#### Where Does My Water Come From?

The Punxsutawney system obtains its water from three (3) wells and the East Branch of the Mahoning Creek.

#### Average amount of water supplied to customers on a daily basis

0.9 million gallons per day

Parameter	Range Current Data	Comments
<i>pH</i>	7.1 to 7.8	Adjusted to maintain optimal corrosion control.
<i>Hardness (mg/L)</i>	130 to 258	This is made up primarily of the minerals calcium and magnesium. It is a component of strong bones and teeth.
<i>Hardness (grains per gallon)</i>	8 to 15	
<i>Fluoride – naturally occurring (mg/L)</i>	<0.10	This is the amount typically present in the untreated raw water. Pennsylvania American Water does not add fluoride to your water.
<i>Sodium (mg/L) (2011 data)</i>	23	This amount is normally present in your water supply.
<i>Iron (mg/L)</i>	0.01 to 0.05	This is the normal range present on the water leaving our water treatment plant. DEP recommends a limit of 0.30 mg/l.
<i>Type of disinfection</i>	Chlorine	Free chlorine residual.
<i>Disinfectant residual level (mg/L)</i>	1.8 to 3.1	Chlorine level that ensures water quality is maintained in the distribution system.



<b>Corrosion control</b>	Corrosion Inhibitor	Pennsylvania American Water adds a zinc phosphate inhibitor to reduce corrosion tendencies of the water as it travels through the pipes from the treatment plant to our customer's home. DEP mandates that water suppliers have 90% of the results of their customer sampling pool at or under the level of 0.015 mg/l. DEP mandates that water suppliers have 90% of the copper results from their compliance sampling at or under the level of 1.3 mg/l. Nitrates are naturally present in our untreated source water. DEP mandates that the level be kept under 10 mg/l at all times.
<b>Lead (mg/L)</b> <i>[90<sup>th</sup> percentile 2010 result]</i>	<0.001	
<b>Copper (mg/L)</b> <i>[90<sup>th</sup> percentile 2010 result]</i>	0.23	
<b>Nitrate (mg/L) (2011 data)</b>	0.20	

Definitions:

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million, which is approximately the same as 1 second in 11.5 days.
- DEP – Pennsylvania Department of Environmental Protection

For a complete report of your water quality, please refer to the Water Quality Report located on the American Water web site

For more information about water quality in your area please contact our water quality staff at 724-287-5461

Other inquiries should be directed to our Customer Service Center at 1-800-565-7292