



## Typical Water Quality Information

### Uniontown System

**PWSID Number:** PA5260020 Updated 12/05/2011

**Area Served:** City of Uniontown, South Union Township, North Union Township, Menallen Township, Dunbar Township

### Where Does My Water Come From?

The Uniontown system obtains its water from the Youghiogheny and Monongahela River.

Pennsylvania American Water purchases its water from interconnections with the Municipal Authority of Westmoreland County (MAWC) and the North Fayette County Municipal Authority (NFCMA).

The area surrounding Menallen Twp and part of Uniontown is supplied by Pennsylvania American Water's Brownsville Water Treatment facility on the Monongahela River.

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

Pennsylvania American Water purchases approximately 4.0 million gallons per day to serve to the customers.

Parameter	Range	Comments
<b>pH</b> (12/05/2011)	7.4 to 7.8 7.59	Adjusted to maintain optimal corrosion control.
<b>Hardness (mg/L)</b> (12/05/2011)	48-98 78	This is made up primarily of the minerals calcium and magnesium. It is a component of strong bones and teeth.
<b>Hardness (grains per gallon)</b> 12/05/2011)	3 to 6 4.56	This is made up primarily of the minerals calcium and magnesium. It is a component of strong bones and teeth.
<b>Fluoride (mg/L)</b> NFCMA Purchased Water & PAWC Brownsville fluoride added to Uniontown system	Average of 0.70	NFCMA adds fluoride to a level of averaging 0.7 mg/l to assist in the prevention of dental caries.
<b>Fluoride (mg/l)</b> MAWC purchased water	Not Added	Fluoride is not added to the water purchased from MAWC.



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<b>Sodium (mg/L)</b>	12	This amount is normally present in your water supply
<b>Iron (mg/L) (12/05/2011)</b>	<0.10 to 0.26 <0.01	This amount is normally present in your water supply. DEP recommends a limit of 0.30 mg/l.
<b>Type of disinfection</b>	Chloramines	Total chlorine residual is used for primary disinfection.
<b>Disinfectant residual level (mg/L) (Distribution system)</b>	0.98 to 1.81	Free chlorine range on the water in the distribution system. The chlorine level ensures that water quality is maintained in the distribution system
<b>Corrosion Control</b>	Zinc Orthophosphate	Zinc orthophosphate is added to reduce the corrosion tendencies of the water as it travels through the pipes from the treatment plants to our customer's homes.
<b>Lead (mg/L) [90<sup>th</sup> percentile 2010 result]</b>	0.004	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.
<b>Copper (mg/L) [90<sup>th</sup> percentile 2010 result]</b>	0.13	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.
<b>Nitrate (mg/L)</b>	0.48 to 1.10	Nitrates are naturally present in our untreated source water. DEP mandates that the level be kept under 10 mg/l at all times. The results are taken from the point of entry.

#### 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 412-384-5115, ext 3

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