



Typical Water Quality Information

Brownsville System

PWSID Number: PA5260005 Updated 12/05/2011

Area Served: Brownsville, California, West Brownsville, Redstone, West Pike Run Township, Coal Center Boro, Luzerne Township, Uniontown

Where Does My Water Come From?

The Brownsville system obtains its water from the Monongahela River.

Average amount of water supplied to customers on a daily basis

2.8 million gallons per day

Parameter	Range	Comments
pH (12/05/2011)	7.3 to 8.7 7.70	Adjusted to maintain optimal corrosion control.
Hardness (mg/L) (12/05/2011)	56-146 80	This is made up primarily of the minerals calcium and magnesium. It is a component of strong bones and teeth.
Hardness (grains per gallon) (12/05/2011)	3 to 9 4.68	This is made up primarily of the minerals calcium and magnesium. It is a component of strong bones and teeth.
Fluoride (mg/L)	Not Added	Pennsylvania American Water does not add fluoride to your water supply. Amounts are naturally occurring.
Sodium (mg/L)	11.1	This amount is normally present in your water supply.
Iron (mg/L) (12/05/2011)	<0.01 to 0.05 <0.01	This is the normal range present on the water leaving our water treatment plant. DEP recommends a limit of 0.30 mg/l.
Type of disinfection	Chloramine	Total chlorine residual used for primary disinfection.
Disinfectant residual level (mg/L)	1.10 to 1.89	Chlorine level that ensures water quality is maintained in the distribution system.



Corrosion Control	Zinc Orthophosphate	PAWC adds a zinc orthophosphate corrosion inhibitor to reduce corrosion tendencies of the water as it travels through the pipes from the treatment plants to our customer's home.
Lead (mg/L) [90 th percentile 2010 result]	0.001	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.
Copper (mg/L) [90 th percentile 2010 result]	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.
Nitrate (mg/L)	0.57 to 0.94	Nitrates are naturally present in our untreated source water. DEP mandates that the level be kept under 10 mg/l at all times.

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