PENNSYLVANIA AMERICAN WATER

Typical Water Quality Information

Hershey System

PWSID Number: PA7220017 **UPDATED February 2016**

Area Served: Annville, Conewago, Derry, Londonderry, North Annville, North Londonderry, Palmyra, South Annville, South Hanover, South Londonderry, West Hanover

Where Does My Water Come From?

The Hershey system obtains its water from the Swatara and Manada Creeks. A small amount of water is purchased from the City of Lebanon.

Average amount of water supplied to customers on a daily basis

6.2 million gallons per day

Parameter	Range	Comments
pH	7.4 to 7.8	Adjusted to maintain optimal corrosion control.
Hardness (mg/L)	58 to 196	This is made up primarily of the minerals calcium and magnesium. It is a component of strong bones and teeth. For more information **click here**
Hardness (grains per gallon)	4 to 13	This is made up primarily of the minerals calcium and magnesium. It is a component of strong bones and teeth.
Fluoride – naturally occurring (mg/L)	Less than 0.1	This is the amount typically present in the untreated raw source water of our Hershey plant.
Fluoride	Not Added by PAW	Pennsylvania American Water does not add fluoride to its water supply. Limited customers near our Lebanon Connection in Annville receive water containing fluoride.

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Sodium (mg/L)	27	This is the amount typically present in your water supply.
Iron (mg/L)	Less than 0.01 to 0.07	This is the normal range present on the water leaving our water treatment plant. DEP recommended limit is 0.3 mg/l.
Type of disinfection	Mono-chloramine	Mono-chloramine residual used for post filtration disinfection.
Disinfectant residual level (mg/L)	1.0 to 3.0	Disinfectant level that ensures water quality is maintained in the distribution system. For more information **click here**
Corrosion Control	Corrosion Inhibitor	Pennsylvania American Water 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) [90th percentile result]	0.005	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. For more information **click here**
Copper (mg/L) [90th percentile result]	0.15	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)	0.5 to 3.4	Nitrates are naturally present in our untreated source water. DEP mandates that the levels be kept under 10 mg/l at all times.
Chromium 6 or Hexavalent Chromium 9 (µg/L)	0.05 to 0.43	Chromium 6 is not currently regulated as an individual contaminant. PAW voluntarily performed monitoring based on recommendations from the Environmental Protection Agency. For more information **click here**

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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

µg/L – micrograms per liter; one microgram per liter is equal to one part per billion, which is approximately the same as 3 seconds in a 100 years

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 717-533-5627 EXT 2

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