Logan

Typical Water Quality Information

PWSID Number: NJ0809002

Area Served: Logan in part Woolwich in part, Swedesboro, Bridgeport in part

Where Does My Water Come From?

New Jersey American Water – Logan System is a public community water system consisting of 5 wells. This system's source water comes from the middle Potomac-Raritan-Magothy aquifer, and the lower Potomac-raritan-Magothy aquifer and 1 treated surface water supply from the Delaware River

Average amount of water supplied to customers on a daily basis

1.321 million gallons per day

Parameter	Average or Range	Comments
pH	7.33 to 7.45	pH is a measure of the acid/base properties of water
Total Hardness (as CaCO3)	90 to 130 mg/L	Naturally occurring calcium/magnesium content in the water
Total Hardness (as CaCO3)	5.26 to 7.59 grains per gallon	Naturally occurring calcium/magnesium content in the water
Fluoride	ND to 0.1mg/L	Naturally occurring from erosion of natural deposits, MCL = 4.0 mg/L
Sodium	22 to 26mg/L	Naturally occurring from erosion of natural deposits No MCL – Informational only
Iron	ND to 0.0392 mg/L	Naturally occurring from erosion of natural deposits and water treatment chemicals Secondary Standard Limit = 0.3 mg/L

Parameter	Average or Range	Comments
Manganese	0.0105 mg/L	Naturally occurring from erosion of natural deposits
Type of disinfection	N/A	Chlorine
Disinfectant residual level leaving the treatment plant (average)	0.5 to 0.8 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.3 to 0.83 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90th percentile result]	ND	Corrosion of household plumbing; erosion of natural deposits Action Level = 15 ug/L
Copper [90th percentile result]	0.293 mg/L	Corrosion of household plumbing; erosion of natural deposits Action Level = 1.3 mg/L
Nitrate	ND to 3.42 mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits MCL = 10 mg/L
Arsenic	ND to 0.001 ug/L	MCL = 10 ug/L
Chromium-6	NA	Chromium-6 is not currently regulated as an individual contaminant. For more information, please visit http://www.amwater.com/njaw/Ensuring-Water-Quality/Chromium-6

Definitions

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million (ppm), which is approximately the same as 1 second in 11.5 days
- ug/L – micrograms per liter; one microgram per liter is equal to one part per billion (ppb), which is approximately the same as 1 second in 31.7 years
- N/A – not applicable
- ND – not detected
- MCL – Maximum Contaminant Level – the highest level of a contaminant allowed in drinking water under State and Federal regulations

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 856-764-4935

Other inquiries should be directed to our Customer Service Center at 1-800-652-6987