



# Short Hills System

## Typical Water Quality Information

**PWSID Number:** NJ0712001

**Area Served:** Chester Borough

### Where Does My Water Come From?

Three wells that use ground water supplies from the Brunswick aquifer. Two purchased surface water sources including the NJ American WTP on the Raritan River and the Southeast Morris MUA facilities on the Passaic River.

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

42 million gallons per day total system-wide usage

Parameter	Average or Range	Comments
pH	6.1 – 8.3	
Total Hardness (as CaCO <sub>3</sub> )	80 - 283 mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	4.7 – 16.5 grains per gallon	Naturally occurring
Fluoride	ND	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	19 - 129 mg/L	No MCL – Informational only
Iron	0.25	Secondary Standard Limit = 0.3 mg/L

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Manganese	ND – 0.21	Secondary Standard Limit = 0.05 mg/L
Type of disinfection	N/A	Chlorine
Disinfectant residual level leaving the treatment plant (average)	1.3 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	ND – 3.2 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 <sup>th</sup> percentile result]	2 ug/L	Action Level = 15 ug/L
Copper [90 <sup>th</sup> percentile result]	0.249 mg/L	Action Level = 1.3 mg/L
Nitrate	ND – 6.7 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 5 ug/L

#### **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, please contact our  
Water Quality Inquiry Hot-Line at 973-564-5754  
between the hours 8 AM and 3 PM, Monday through Friday

For all other inquiries, please contact our Customer Service Center  
at 1-800-272-1325