



# Short Hills System

## Typical Water Quality Information

**PWSID Number:** NJ0712001

**Area Served:** Summit

### Where Does My Water Come From?

Two surface water treatment plants at our Canoe Brook WTP on the Passaic River, The NJ American Raritan System WTP on the Raritan River and the Passaic Valley Water Commissions facility on the Passaic River. In addition the area is served by twelve wells that use ground water from the Brunswick aquifer.

### 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	6.8 – 8.2	
Total Hardness (as CaCO <sub>3</sub> )	80 - 240 mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	4.7 – 14.0 grains per gallon	Naturally occurring
Fluoride	ND	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	16 - 123 mg/L	No MCL – Informational only
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Manganese	ND – 0.07 mg/L	

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Type of disinfection	N/A	Chlorine
Disinfectant residual level leaving the treatment plant (average)	0.6 – 1.4 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.5 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 <sup>th</sup> percentile result]	5 ug/L	Action Level = 15 ug/L
Copper [90 <sup>th</sup> percentile result]	0.47 mg/L	Action Level = 1.3 mg/L
Nitrate	0.24 – 3.10 mg/L	MCL = 10 mg/L
Arsenic	ND – 1 ug/L	MCL = 5 ug/L
Chromium-6	This voluntary sampling has not yet been scheduled for this system	Chromium-6 is not currently regulated as an individual contaminant. For more information, please visit <a href="http://www.amwater.com/njaw/Ensuring-Water-Quality/Chromium-6">http://www.amwater.com/njaw/Ensuring-Water-Quality/Chromium-6</a>

#### **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 1-800-652-6987