



## Raritan System – 1

### Typical Water Quality Information

**PWSID Number:** New Jersey 2004002

**Area Served:** Bedminster 07921, Clark 07066, Cranford 07016, Garwood 07027, Linden 07036, Martinsville 08836, Middlesex 08846, Piscataway 08854, Roselle 07203, Roselle Park 07204, Somerset 08873, 08875, South Plainfield 07080, Bound Brook 08805, South Bound Brook 08880, Westfield 07090, 07091

#### Where Does My Water Come From?

Source water for this public community system comes from seven intakes on the Raritan River, Millstone River, and Delaware & Raritan Canal

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

145 million gallons per day

Parameter	Average or Range	Comments
pH	6.5 to 8.5	
Total Hardness (as CaCO <sub>3</sub> )	104 to 130 mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	6 to 7 grains per gallon	Naturally occurring
Fluoride	< 0.1	Not added to water supply in this area. Can be naturally occurring in some areas
Sodium	31 to 36 mg/L	Secondary Standard Limit = 50 mg/L

Parameter	Average or Range	Comments
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Manganese	ND	Secondary Standard Limit = 0.05 mg/L
Type of disinfection	Chloramines	
Maximum disinfectant residual level leaving treatment plant (average)	2.45 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.7 – 1.2 mg/L	Range indicates monthly averages detected
Lead [ 90 <sup>th</sup> percentile result]	3 ug/L	Action Level = 15 ug/L
Copper [ 90 <sup>th</sup> percentile result]	0.4 mg/L	Action Level = 1.3 mg/L
Nitrate	0.5 to 2.0 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 water quality information, please contact our  
Water Quality Hotline at 732-302-3196  
between 8 AM and 3 PM, Monday through Friday

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