



## Raritan System – 3

### Typical Water Quality Information

**PWSID Number:** New Jersey 2004002

**Area Served:** Fanwood 07023, Green Brook 08812, Hillside 07025, Kenilworth 07033, Mountainside 07092, North Plainfield 07060, Plainfield 07061, 07062, 07063, Scotch Plains 07076, Union 07083, 07087, Vauxhall 07088, Warren 07059, Watchung 07069,

**Where Does My Water Come From?**

Source water for this public community system comes from seven intakes on the Raritan River, Millstone River, Delaware & Raritan Canal, and approximately 98 wells in the Brunswick, Passaic, Stockton, Glacial Drift and Basalt Aquifers

**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> )	90 to 600 mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	3 to 35 grains per gallon	Naturally occurring
Fluoride	< 0.1	Not added to water supply in this area. Can be naturally occurring in some areas
Sodium	33 to 89 mg/L	Secondary Standard Limit = 50 mg/L

Parameter	Average or Range	Comments
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Manganese	ND – 0.04	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	0.5 – 1.4 mg/L	Range indicates monthly averages detected
Lead [ 90 <sup>th</sup> percentile result ]	5 ug/L	Action Level = 15 ug/L
Copper [ 90 <sup>th</sup> percentile result ]	0.5 mg/L	Action Level = 1.3 mg/L
Nitrate	0.5 to 4.4 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 10 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