



# Raritan System – Union & Middlesex Counties

## 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, 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> ) | 70 to 130 mg/L               | Naturally occurring  |
| Total Hardness (as CaCO <sub>3</sub> ) | 4.1 to 7.6 grains per gallon | Naturally occurring  |
| Fluoride                               | < 0.1                        | Not added to water supply in this area. Can be naturally occurring in some areas |
| Sodium                                 | 20 to 25 mg/L                | Secondary Standard Limit = 50 mg/L   |
| Parameter                              | Average or                   | Comments   |

|   | Range  |  |
|---|--|--|
| Iron  | ND   | Secondary Standard Limit = 0.3 mg/L  |
| Manganese   | ND   | Secondary Standard Limit = 0.05 mg/L   |
| Type of disinfection  | Chloramines  | Water additive to control microbes   |
| Average maximum disinfectant residual level leaving treatment plant | 2.3 mg/L   | Water additive to control microbes   |
| Disinfectant residual level in the distribution system              | 0.6 – 1.6 mg/L   | Range indicates monthly averages detected  |
| Lead<br>[ 90 <sup>th</sup> percentile result ]                      | 5 ug/L   | Action Level = 15 ug/L   |
| Copper<br>[ 90 <sup>th</sup> percentile result ]                    | 0.5 mg/L   | Action Level = 1.3 mg/L  |
| Nitrate   | 0.7 to 1.6 mg/L  | MCL = 10 mg/L  |
| Arsenic   | ND – 2 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
- ND – not detected
- MCL – Maximum Contaminant Level – the highest level of a contaminant allowed in drinking water under State and Federal regulations
- 90<sup>th</sup> percentile - Ninety percent of the samples tested below the indicated value.

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