



# Raritan System – Hunterdon, Mercer, and Somerset Counties

## Typical Water Quality Information

**PWSID Number:** New Jersey 2004002

**Area Served:** Belle Mead 08502, Branchburg 08876, Chester 07930, Cranbury 08512,08570, Far Hills 07931, Flagtown 08821, Flemington 08822, Gladstone 07934, Hightstown 08520, Hillsborough 08844, Kingston 08528, Lawrence 08648, Manville 08835, Montgomery 08502, 08553, Neshanic Station 08853, Peapack 07977, Plainsboro 08536, Pottersville 07979, Princeton 08540, 08541, 08542, 08543, 08544, Princeton Junction 08550, Raritan Borough 08869, Raritan Township 08822, 08896, Readington 08870, Somerville 08876, Tewksbury 07979, Three Bridges 08887, West Windsor 08850, Whitehouse 08888, Whitehouse Station 08889.

### 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       |          |

| <b>Parameter</b>  | <b>Average or Range</b>  | <b>Comments</b>  |
|---|--|--|
| Total Hardness (as CaCO <sub>3</sub> )                              | 70 - 130 mg/L  | Naturally occurring  |
| Total Hardness (as CaCO <sub>3</sub> )                              | 4.1 to 7.6 grains per gallon                                       | Naturally occurring  |
| Fluoride  | 0.6 to 1.2 mg/L  | Naturally occurring and water additive   |
| Sodium  | 20 to 33 mg/L  | Secondary Standard Limit = 50 mg/L   |
| 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 [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   | 0.7 to 1.6 mg/L  | MCL = 10 mg/L  |
| Arsenic   | Not Detected   | 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 information, please contact our Water Quality Inquiry Hot-Line at 732-302-3196 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