



Raritan System – Union County – Green Brook 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, South Plainfield 07080, 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 129 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 ₃)	70 to 598 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	4.1 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	13 to 70 mg/L	Secondary Standard Limit = 50 mg/L
Parameter	Average or Range	Comments

Iron	ND	Secondary Standard Limit = 0.3 mg/L
Manganese	ND - 0.03 mg/L	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 th percentile result]	5 ug/L	Action Level = 15 ug/L
Copper [90 th percentile result]	0.5 mg/L	Action Level = 1.3 mg/L
Nitrate	ND - 5 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 http://www.amwater.com/njaw/Ensuring-Water-Quality/Chromium-6

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
- 90th 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