



Short Hills System

Typical Water Quality Information

PWSID Number: NJ0712001

Area Served: Springfield

Where Does My Water Come From?

Three wells that use ground water supplies from the Brunswick aquifer.

Average amount of water supplied to customers on a daily basis

42 million gallons per day total system-wide usage

Parameter	Average or Range	Comments
pH	7.2 – 7.6	
Total Hardness (as CaCO ₃)	240 - 280 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	14.0 – 16.4 grains per gallon	Naturally occurring
Fluoride	ND	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	14 - 93 mg/L	No MCL – Informational only
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Manganese	ND	Secondary Standard Limit = 0.05 mg/L
Type of disinfection	N/A	Chlorine

Parameter	Average or Range	Comments
Disinfectant residual level leaving the treatment plant (average)	0.8 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.5 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 th percentile result]	3 ug/L	Action Level = 15 ug/L
Copper [90 th percentile result]	0.406 mg/L	Action Level = 1.3 mg/L
Nitrate	0.26 – 2.5 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 5 ug/L
Chromium-6	ND – 1.71 ug/L	Chromium-6 is not currently regulated as an individual contaminant. For more information click here

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 information, please contact our Water Quality Inquiry Hot-Line at 973-564-5754 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