



# Liberty System

## Typical Water Quality Information

**PWSID Number:** New Jersey 2004001

**Area Served:** Elizabeth, New Jersey 07201,07202, 07206, 07207, 07208

### Where Does My Water Come From?

Water for this system is purchased from the NJ American Raritan System and Newark Water Dept.

### Average amount of water supplied to customers on a daily basis

13 million gallons per day

Parameter	Average or Range	Comments
pH	6.5 to 8.5	
Total Hardness (as CaCO <sub>3</sub> )	86 to 146 mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	5.0 to 8.5 grains per gallon	Naturally occurring
Fluoride	ND	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	22 to 36 mg/L	No MCL – Informational only
Iron	ND – 0.2	Secondary Standard Limit = 0.3 mg/L
Manganese	ND – 0.02	Secondary Standard Limit = 0.05 mg/L

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Type of disinfection	Chloramines	Water additive to control microbes
Maximum disinfectant residual level leaving the treatment plant (average)	1.1 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.5 – 1.1 mg/L	Range indicates monthly averages detected
Lead [90 <sup>th</sup> percentile result]	3 ug/L	Action Level = 15 ug/L
Copper [90 <sup>th</sup> percentile result]	0.3 mg/L	Action Level = 1.3 mg/L
Nitrate	0.5 to 2.12 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 5 ug/L

**Definitions**

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million, 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, 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
- 90<sup>th</sup> percentile - Ninety percent of the samples tested below the indicated value.

Your annual water quality report, can be viewed electronically at  
[www.amwater.com/ccr/liberty.pdf](http://www.amwater.com/ccr/liberty.pdf)

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 1-855-722-7066