



# West Jersey System

## Typical Water Quality Information

**PWSID Number:** NJ1427009

**Area Served:** Mt. Olive (Budd Lake)

### Where Does My Water Come From?

Five wells that use ground water supplies from a blend of sources that may include granite bedrock formations, Jacksonburg limestone, and the Kittatinny Aquifer.

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

50,000 gallons per day

Parameter	Average or Range	Comments
pH	6.5 – 7.0	
Total Hardness (as CaCO <sub>3</sub> )	140 mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	8.2 grains per gallon	Naturally occurring
Fluoride	ND mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	28.7 mg/L	No MCL – Informational only
Iron	ND mg/L	Secondary Standard Limit = 0.3 mg/L
Manganese	ND mg/L	Secondary Standard Limit = 0.05 mg/L
Type of disinfection	N/A	Chlorine

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Disinfectant residual level leaving the treatment plant (average)	1.0 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.77 – 1.34 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 <sup>th</sup> percentile result]	ND ug/L	Action Level = 15 ug/L
Copper [90 <sup>th</sup> percentile result]	0.578 mg/L	Action Level = 1.3 mg/L
Nitrate	5.02 mg/L	MCL = 10 mg/L
Arsenic	ND ug/L	MCL = 5 ug/L

**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 Hotline 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