



# Morris Chase / Morris Hunt System

## Typical Water Quality Information

**PWSID Number:** NJ1427018

**Area Served:** Mt. Olive, Flanders

### Where Does My Water Come From?

Eight 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

40,000 gallons per day

Parameter	Average or Range	Comments
pH	7.2 – 7.4	
Total Hardness (as CaCO <sub>3</sub> )	80 - 140 mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	4.7 – 8.2 grains per gallon	Naturally occurring
Fluoride	ND	Naturally occurring, MCL = 4.0 mg/L
Sodium	18 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

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Disinfectant residual level leaving the treatment plant (average)	0.75 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.53 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 <sup>th</sup> percentile result]	ND	Action Level = 15 ug/L
Copper [90 <sup>th</sup> percentile result]	0.092 mg/L	Action Level = 1.3 mg/L
Nitrate	1.39 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 5 ug/L
Chromium-6	0.04 ug/L	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
- 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 1-800-652-6987