



Mansfield System

Typical Water Quality Information

PWSID Number: NJ2116003

Area Served: Mansfield Township, Port Murray

Where Does My Water Come From?

Two wells that use ground water supplies from Jacksonburg limestone, Kittatinny Supergroup.

Average amount of water supplied to customers on a daily basis

30,000 gallons per day

Parameter	Average or Range	Comments
pH	6.8 – 7.5	
Total Hardness (as CaCO ₃)	331 - 404 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	19.4 – 24 grains per gallon	Naturally occurring
Fluoride	ND	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	61 – 74 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)	1.2 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.16 – 0.83 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 th percentile result]	2 ug/L	Action Level = 15 ug/L
Copper [90 th percentile result]	0.100 mg/L	Action Level = 1.3 mg/L
Nitrate	1.6 – 6.0 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 (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