



Fort Lee

Typical Water Quality Information

PWSID Number: VA 3149247

Area Served: Fort Lee (Zip code: 23801)

Where Does My Water Come From?

Purchased from Virginia American Water Co (located in Hopewell) and from the Appomattox River Water Authority (located in Petersburg)

Average amount of water supplied to customers on a daily basis

1.5 million gallons per day (combined from the 2 sources)

Parameter	Average or Range	Comments
pH	7.2	pH is a measure of the acid / base properties of water
Total Hardness (as CaCO ₃)	33.5 mg/L (or 1.93 Grains Per Gallon)	Naturally occurring calcium / magnesium content in the water
Fluoride	<0.1 – 0.87 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	16.8 mg/L	No MCL – Informational only
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Type of disinfection	N/A	Chloramines / Chlorine Dioxide
Disinfectant residual level in the distribution system	1.71 mg/L (average)	Maximum Disinfectant Level: 3.0 mg/L
Lead [90 th percentile result]	ND	Corrosion of household plumbing; erosion of natural deposits Action Level = 15 ug/L

Parameter	Average or Range	Comments
Copper [90 th percentile result]	0.120 mg/L	Corrosion of household plumbing; erosion of natural deposits Action Level = 1.3 mg/L
Alkalinity	20 mg/L	Ability of water to neutralize acid and bases and maintain a stable pH
Nitrate	0.14 mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits MCL = 10 mg/L
Arsenic	ND	MCL = 10 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 at <http://www.amwater.com/ccr/fortlee.pdf>

For more information on your water quality, please contact Kelly Ryan, Water Quality Supervisor, at 804-446-9822

Other inquiries should be directed to our Customer Service Center at 1-800-452-6863