



# Hopewell, VA

## Typical Water Quality Information

**PWSID Number:** VA 3670800

**Area Served:** Hopewell (Zip code: 23860)

Fort Lee (Zip code: 23801)

parts of Prince George County (Zip Code 23875)

### Where Does My Water Come From?

The Appomattox River about 0.5 miles upstream of its confluence with the James River.

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

10 million gallons per day

Parameter	Average	Comments
pH	7.1	Measure of the acid/base properties of water
Total Hardness (as CaCO <sub>3</sub> )	94 mg/L	Natural calcium / magnesium content in the water
Fluoride	0.59 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	19 mg/L	Naturally occurring from erosion of natural deposits No MCL – Informational only
Iron	ND	Naturally occurring Secondary Standard Limit = 0.3 mg/L
Manganese	0.008 mg/L	Naturally occurring from erosion of natural deposits

<b>Parameter</b>	<b>Average</b>	<b>Comments</b>
Type of disinfection	N/A	Chloramines
Disinfectant residual level in the distribution system	2.24 mg/L	Maximum Disinfectant Level: 3.5mg/L
Lead [90 <sup>th</sup> percentile result]	ND	Corrosion of household plumbing; erosion of natural deposits Action Level = 15 ug/L
Copper [90 <sup>th</sup> percentile result]	0.111 mg/L	Corrosion of household plumbing; erosion of natural deposits Action Level = 1.3 mg/L
Alkalinity	45.5 mg/L	Ability of water to neutralize acid and bases and maintain a stable pH
Nitrate	0.07 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/hopewell.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