



Dale City/Prince William

Typical Water Quality Information

PWSID Number: 6153625

Area Served: Prince William County (Dale City)
VA Zip Code – 20112, 22192, and 22193

Where Does My Water Come From?

The Virginia American Water, Prince William District is classified as a consecutive water system. The source of our drinking water is the Occoquan Reservoir. This surface water supply is treated at the Griffith water treatment plants that are owned and operated by Fairfax Water. To learn more about our watershed on the Internet, go to U.S. EPA's Search Your Watershed at www.epa.gov/safewater

Average amount of water supplied to customers on a daily basis

6.5 million gallons per day

Parameter	Average or Range	Comments
pH	7.4 (average)	pH is a measure of the acid/base properties of water
Total Hardness (as CaCO ₃)	74 mg/L	Natural calcium / magnesium content in the water
Total Hardness (as CaCO ₃)	4.32 grains per gallon	Natural calcium / magnesium content in the water
Fluoride	0.7 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	32.8 mg/L	Naturally occurring from erosion of natural deposits No MCL – Informational only
Iron	ND (Fairfax Water purchased, below reporting limit.)	Naturally Occurring Secondary Standard Limit = 0.3 mg/L

Parameter	Average or Range	Comments
Manganese	ND (Purchased water, below report limit)	Naturally occurring from erosion of natural deposits
Type of disinfection	Chloramines	Water additive to control microbes
Disinfectant residual level in the distribution system	2.5 mg/L (Highest monthly average)	Max Residual Disinfectant Level = 3.2 mg/L
Lead [90 th percentile 2019 result]	ND	Corrosion of household plumbing; erosion of natural deposits Action Level = 15 ug/L
Copper [90 th percentile 2019 result]	0.120 mg/L	Corrosion of household plumbing; erosion of natural deposits Action Level = 1.3 mg/L
Nitrate	0.62 - 1.30 mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits MCL = 10 mg/L
Arsenic	ND (Below purchased water report limit)	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 on the American Water web site www.amwater.com/ccr/DaleCity.pdf

For more information about water quality in your area, please contact Christian Volk at 804-446-1209

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