



Colonial Beach - Berkley & Ebb Tide Beach, & Church Point

Typical Water Quality Information

PWSID Number: VA4193120

Area Served: Colonial Beach-Berkley & Ebb Tide Beach, & Church Point (Zip code: 22443)

Where Does My Water Come From?

The source of your drinking water is groundwater. The 2 wells draw water from the Potomac aquifer.

Average amount of water supplied to customers on a daily basis

22,000 gallons per day

Parameter	Average or Range	Comments
pH	8.3	Measure of the acid/base properties of water
Fluoride	1.82 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	112.7 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	ND	Naturally occurring from erosion of natural deposits
Type of disinfection	N/A	chlorine

Parameter	Average or Range	Comments
Disinfectant residual level in the distribution system	0.49 – 1.46 mg/L	Water additive to control microbes
Lead [90 th percentile result]	ND	Corrosion of household plumbing; erosion of natural deposits Action Level = 15 ug/L
Copper [90 th percentile result]	0.231 mg/L	Corrosion of household plumbing; erosion of natural deposits Action Level = 1.3 mg/L
Alkalinity	245 mg/L	Natural calcium / magnesium content in the water
Hardness	9 mg/L	Ability of water to neutralize acid and bases and maintain a stable pH
Nitrate	ND	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits MCL = 10 mg/L
Arsenic	ND	MCL = 0.010 mg/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/berkeleybbtide.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