

VAPHS University Drive Campus Copper Water Testing

June 2022

Sample Location ID	Room Number	Water Fixture Number	Copper Sample Result (ppm)
749	4N117	1659	0.0571
741	2NW105	1742	0.0604
746	2E120	2752	0.0658
740	1E102	3537	0.068
747	3N211	3459	0.0706
733	BW106	2149	0.0865
744	2NE112	2826	0.089
737	1W123	3540	0.101
748	3W121	3469	0.11
745	2E138	2174	0.111
732	BW235	2921	0.115
731	BN303	2935	0.124
742	2NW104	2842	0.141
735	AW119	2973	0.168
736	1W139	1199	0.2
750	4E115	1707	0.212
738	1W108	3543	0.225
739	1W102	3530	0.227
743	2NW103	2838	0.239
734	AW118	2974	0.687

Under the authority of the Safe Drinking Water Act, EPA set an Action Level (AL) for copper in drinking water. An AL is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. If the 90th percentile value exceeds the AL, Public Water Systems must implement treatment techniques to control corrosiveness of the water. The AL for copper is 1.3 parts per million (ppm). The 90th percentile at VAPHS UD campus is 0.227 ppm, less than the AL of 1.3 ppm.

A Maximum Contaminant Level Goal (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals. The MCLG for copper is 1.3 ppm.

Glossary

Action Level (AL) – The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the ppb as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) – The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Parts Per Million (ppm) - Represents the concentration of a contaminant in water. One ppm represents one milligram of contaminant per liter of water (mg/L).

For more information on water quality testing at VA Pittsburgh Healthcare System or the data contained within this report, contact:

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