**VAPHS University Drive Campus Copper Water Testing**

**June 2019**

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| **Sample Location ID** | **Room Number** | **Water Fixture Number** | **Copper Sample Result (ppm)** |
| 731 | BN303 | 2935 | 0.0322 |
| 742 | 2NW104 | 2842 | 0.0117 |
| 739 | 1W102 | 3530 | 0.0133 |
| 743 | 2NW103 | 2838 | 0.0147 |
| 749 | 4N117 | 1659 | 0.0321 |
| 747 | 3N211 | 3459 | 0.0335 |
| 738 | 1W108 | 3543 | 0.0406 |
| 735 | AW119 | 2973 | 0.0409 |
| 744 | 2NE112 | 2826 | 0.0416 |
| 746 | 2E120 | 2752 | 0.0420 |
| 740 | 1E102 | 3537 | 0.0581 |
| 733 | BW106 | 2149 | 0.0583 |
| 737 | 1W123 | 3540 | 0.0604 |
| 741 | 2NW105 | 1742 | 0.0620 |
| 732 | BW235 | 2921 | 0.0730 |
| 734 | AW118 | 2974 | 0.0742 |
| 748 | 3W121 | 3469 | 0.0780 |
| 750 | 4E115 | 1707 | 0.0782 |
| 745 | 2E138 | 2174 | 0.1150 |
| 736 | 1W139 | 1199 | 0.1300 |

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 0.782 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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