

Validated Sample Results

Name
Address
Sample IDs
Date Collected
Time Collected

Below are the validated test results confirming that your drinking water is below the U.S. Environmental Protection Agency's (EPA) lifetime health advisory levels for certain per- and polyfluoroalkyl substances (PFAS). These results indicate that no further action is required for your property at this time. The Navy is working in partnership with the U.S. Environmental Protection Agency, the Agency for Toxic Substances and Disease Registry, the Virginia Department of Environmental Quality, the Virginia Department of Health, and the City of Virginia Beach.

Results of Laboratory Analytical Tests for PFAS with EPA Lifetime Health Advisory Levels

Chemical Name	Result (ppt)	Health Advisory (ppt)
Perfluorooctanoic acid (PFOA)		70
Perfluorooctane sulfonate (PFOS)		70
Total PFOA-PFOS (sum)		70

ppt – parts per trillion (1 ppt = 1 ng/L (nanogram per liter))

Results for Other PFAS with No Established EPA Lifetime Health Advisory Levels

Chemical Name	Result (ppt)	Other Screening Value, if available (ppt)
Perfluorobutanesulfonic acid (PFBS)		40,000 *
Perfluorohexanoic acid (PFHxA)		N/A
Perfluoroheptanoic acid (PFHpA)		N/A
Perfluorohexanesulfonic acid (PFHxS)		N/A
Perfluorononanoic acid (PFNA)		N/A
Perfluorodecanoic acid (PFDA),		N/A
n-methylperfluorooctanesulfonamidoacetic acid (MeFOSAA)		N/A
Perfluoroundecanoic acid (PFUnA),		N/A
n-ethylperfluorooctanesulfonamidoacetic acid (EtFOSAA),		N/A
Perfluorododecanoic acid (PFDoA),		N/A
Perfluorotridecanoic acid (PFTrDA),		N/A
Perfluorotetradecanoic Acid (PFTeDA)		N/A
Hexafluoropropylene oxide dimer acid (HFPO-DA)		N/A
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)		N/A

Results for Other PFAS with No Established EPA Lifetime Health Advisory Levels (continued)

Chemical Name	Result (ppt)	Other Screening Value, if available (ppt)
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)		N/A
9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)		N/A

J – The reported result is an estimated value.

ppt – parts per trillion (1 ppt = 1 ng/L (nanogram per liter))

N/A – Not available.

*Although there is not a health advisory for PFBS, EPA has estimated a toxicity value for possible health effects when PFBS is ingested. This toxicity value was used by the EPA to calculate a “Regional Screening Level” or RSL. The RSL is a conservative, risk-based level that is used at “Superfund” sites to identify sites that may warrant further investigation or site cleanup.