

Name
Parcel ID
Address
Sample ID
Date Collected
Time Collected



Below are the validated test results confirming that certain per- and polyfluoroalkyl substances (PFAS), specifically perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS), in your drinking water are below the U.S. Environmental Protection Agency’s (EPA) lifetime health advisory levels. These results indicate that no further action is required for your property at this time.

The Navy is planning to conduct twice yearly sampling of drinking water wells within the designated sampling area. The purpose of this monitoring is to evaluate the seasonal variability of per- and polyfluoroalkyl substances (PFAS) concentrations in off-base drinking water wells and to provide alternative drinking water if concentrations exceed the EPA lifetime health advisory. Additional sampling will be necessary to aid this evaluation and ensure protection of human health. We will keep you informed of the plans for periodic sampling.

The Navy is working in partnership with the EPA, 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)	[REDACTED]	70
Perfluorooctane sulfonate (PFOS)	[REDACTED]	70
Total PFOA+PFOS (sum of detected PFOA+PFOS)	[REDACTED]	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)
Perfluorohexanoic acid (PFHxA)	[REDACTED]	N/A
Perfluoroheptanoic acid (PFHpA)	[REDACTED]	N/A
Perfluorononanoic acid (PFNA)	[REDACTED]	N/A
Perfluorodecanoic acid (PFDA)	[REDACTED]	N/A
Perfluoroundecanoic acid (PFUnA)	[REDACTED]	N/A
Perfluorododecanoic acid (PFDoA)	[REDACTED]	N/A
Perfluorotridecanoic acid (PFTrDA)	[REDACTED]	N/A
Perfluorotetradecanoic Acid (PFTeDA)	[REDACTED]	N/A
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	[REDACTED]	N/A

n-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Not Detected	N/A
Perfluorobutanesulfonic acid (PFBS)	██████	600 **
Perfluorohexanesulfonic acid (PFHxS)	██████	N/A
Hexafluoropropylene oxide dimer acid (HFPO-DA)	██████████	N/A
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	██████████	N/A
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUds)	██████████	N/A
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	██████████	N/A

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

J – The reported result is an estimated value.

N/A – Not available

* Previous sampling events included results for PFOA, PFOS, PFBS, PFHpA, PFHxS, and PFNA only. Due to revised Navy policies, additional PFAS constituents (as listed above) were analyzed.

**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 to identify sites that may warrant further investigation or site cleanup.