

Summary of PFOS/PFOA Testing to Determine Impact to Drinking Water Systems Off-Installation - NAVY

Summary of Testing Drinking Water Systems Off-Installation and Actions Taken where Results were Above the EPA LHAs ¹												
DoD Component	Installation	State/Territory/Overseas Location	DoD Purveyor Drinking Water Systems					Off-base Public and Private Drinking Water Systems				
			Total Number Tested	Number that Tested above the EPA LHAs ¹	Results (PFOS/PFOA) or Range above EPA LHAs (ppt)	Actions Taken as of August 31, 2017 ²	Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA	Total Number Tested	Number that Tested above the EPA LHAs ¹	Results (PFOS/PFOA) or Range above EPA LHAs (ppt)	Actions Taken as of August 31, 2017 ²	Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA
Navy	Naval Base Kitsap - NARL Barrow	Alaska	N/A	N/A	N/A	Not an active installation	None Required	5*	5*	144 - 262	*Surface water (Imikpuk Lake) sampled; serves as intermittent water source for hunters and village elders.	Continue investigation
Navy - BRAC	Agana	Guam	N/A	N/A	N/A	N/A	N/A	12	5	88 - 410	Sampling conducted by Guam Waterworks Authority. Wells are treated with GAC.	None required
Navy	NAS Oceana - NALF Fentress	Virginia	N/A	N/A	N/A	N/A - Navy owned drinking water system.	N/A	54	7	74 - 1,660	Addressed current exposure. Bottled water to 6 residents (one property has 2 wells); installation of 5 point of entry treatment units and running pilot tests (1 resident has not agreed to treatment system).	Continued monitoring of homes with treatment systems and continued bottled water to one resident, with additional requests to install a treatment system.
Navy	NAS Whidbey Island - Ault Field (Private)	Washington	N/A	N/A	N/A	There are no private wells on installation	None Required	103	2	140 - 3,823	Addressed current exposure. Bottled water to two residents	Various options currently being evaluated; resolution likely will be residence-specific.
Navy	NAS Whidbey Island - OLF Coupeville (Private)	Washington	2	0	ND-17.5	Coupeville Trainer water system had detections below the LHA.	None Required	100	7	130 - 660	Bottled water to 9 residents (2 of 7 wells serve 2 residents)	Various options currently being evaluated; resolution likely will be residence-specific.
Navy	NAS Whiting Field (Main Base)	Florida	1	0	N/A	None required	None Required	9	1	259	Addressed current exposure. Bottled water to one resident	Evaluate long-term solutions so resident does not have to stay on bottled water.
Navy	NMC Earle	New Jersey	1	0	N/A	The Navy tested one system at Earle and three other systems were tested by the supplier. There were no PFOS/PFOA detections at any of the systems	None Required	28	2	70 - 228	Addressed current exposure. Bottled water supplied until connections to municipal water were completed.	No future actions for drinking water needed.
Navy - BRAC	Warminster (Private)	Pennsylvania	N/A	N/A	N/A	N/A	N/A	345	65	71 - 1,800	Bottled water provided. Connection to Public water	Continue to connect to Public water. Approximately 1 year from exceedance
Navy - BRAC	Warminster (Public)	Pennsylvania	N/A	N/A	N/A	N/A	N/A	17	4	88 - 1,300	Environmental Services Cooperative Agreement (ESCA) with water authorities for Public well treatment	Provide Public well treatment. Approximately 1 year from ESCA finalization
Navy - BRAC	Willow Grove (Private)	Pennsylvania	N/A	N/A	N/A	N/A	N/A	492	92	72 - 8,100	Bottled water provided. Connection to Public water	Continue to connect to Public water. Approximately 1 year from exceedance
Navy - BRAC	Willow Grove (Public)	Pennsylvania	N/A	N/A	N/A	N/A	N/A	14	7	74 - 1,000	ESCA with water authorities for Public well treatment	Provide Public well treatment. Approximately 1 year from ESCA finalization
USMC	MCLB Barstow	California	2	0	N/A	None required	None Required	2	1	103	Addressed current exposure. Bottled water to one resident at a rental property. Renter moved out; property currently vacant.	Continue monitoring

Footnotes:
 1: The EPA Lifetime Health Advisories (LHAs) for PFOS and PFOA are 70 parts per trillion (individually or combined).
 2: Examples of actions taken include but are not limited to: sampling and analysis, retesting, shutting down a well(s), providing alternative drinking water, adding an activated carbon filter to the well, and blending water systems.