

Department of the Navy

Summary of DoD Testing of Groundwater Monitoring Wells and Actions Taken where Results were above the EPA LHAs for PFOS/PFOA

Navy/USMC Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs ¹										
DoD Component ²	Installation	State/Territory	On-base Groundwater Monitoring Wells			Off-base Groundwater Monitoring Wells			Actions Taken as of August 31, 2017 ³	Key Actions Planned for FY 2018 and Beyond
			Total Number Sampled	Number that Tested above the EPA LHAs ¹	Range of Results above EPA LHAs (ppt)	Total Number Sampled	Number that Tested above the EPA LHAs ¹	Range of Results above EPA LHAs (ppt)		
USMC - Active	Barstow	California	37	16	80 - 138	0	N/A	N/A	Completed off-based DW sampling; providing alternative water supply; Initiated PA/SI	Continue CERCLA process
USMC - BRAC	El Toro Marine Corps Air Station	California	18	6	77.6 - 3,826	4	1	81.2 - 101.5	Sampling Performed	Notification of sampling results to property owner and/or regulatory stakeholders
USMC - BRAC	Tustin	California	3	3	423 - 770,000	0	N/A	N/A	Sampling Performed	Notification of sampling results to property owner and/or regulatory stakeholders
USMC - Active	Twentynine Palms	California	5	2	318 - 440	0	N/A	N/A	Initiated PA/SI	Continue CERCLA process
USMC - Active	Yuma	Arizona	29	8	75 - 185	0	N/A	N/A	Initiated PA/SI	Continue CERCLA process
USMC Subtotals:			92	35	75 - 770,000	4	1	81.2 - 101.5		
Navy/USMC Totals:			1,293	742	70 - 8,000,000	52	42	75 - 8,500		

Footnotes:

1: The EPA Lifetime Health Advisories (LHAs) for PFOS and PFOA are 70 parts per trillion (individually or combined).

2: The Navy plans, programs, budgets, and executes the Defense Environmental Restoration Program for the U.S. Marine Corps.

3: 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.

4: The Navy investigated known or suspected PFOS/PFOA releases at several BRAC installations, captured collectively here.