

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

Summary of DoD Testing of 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 Wells						
			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 Concentration 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
								Public DW Systems	Private DW Wells	Public DW Systems	Private DW Wells			
Air Force - BRAC	Former Pease AFB	New Hampshire						11	37	1	4	72 - 870 ppt (PFOS+PFOA)	Public DW well shut off May 2014. Installed carbon filtration systems for three (3) private DW well owners. Provide bottled water for Fish and Wildlife Service seasonal use facility. AF has agreement with the City of Portsmouth to install a treatment system on the Public well. Installed interim groundwater mitigation system to prevent migration of groundwater above the LHA to private water wells. Developed design plan to install interim mitigation system to prevent migration of groundwater above the LHA to the public DW wells.	Fund City of Portsmouth actions to install treatment system. Negotiate with private well owners to connect to public water supply in the next 18 months. Operate installed groundwater mitigation systems.
Air Force - BRAC	Former Plattsburgh AFB	New York						0	53	0	4	90 - 412 ppt (PFOS+PFOA)	Installed carbon filtration systems for three (3) private DW well owners. Provided bottled water to one (1) private DW well owner because of physical constraints preclude installation of home treatment system.	Connection of private DW water well owners to public water supply planned for fall 2017 or spring 2018.
Air Force - BRAC	Former Wurtsmith AFB	Michigan						2	67	0	1	2923 ppt (PFOS+PFOA)	Connected private well owner to public water supply.	Complete retesting of private well to ensure level is below LHA.
Air Force - ANG	Horsham AGS (AGS) (111th)	Pennsylvania						2	152	2	59	82-1870 ppt (PFOS+PFOA)	Public Wells: Seven (7) impacted DW wells taken offline. Carbon filtration under design/construction for all seven. Municipalities purchasing make up water from neighboring suppliers. Private Wells: Bottled water delivery by ANG until municipal connect complete.	Public Wells: Carbon filtration construction completion and potability permits expected Summer 2018. Private Wells: Water connections expected to be complete Spring 2018.
Air Force - ACTIVE	Joint Base Cape Cod	Massachusetts						9	73	2	22	73 - 488 ppt (PFOS+PFOA)	Sampling and analysis, retesting, two (2) public DW wells taken offline; bottled water provision for 74 residences, carbon filtration system installed at 13 residences, municipal water connections.	Wellhead treatment on public DW water supply well (funding anticipated FY18 Q1); additional carbon filtration systems, bottled water provision, and/or municipal water connections to be determined based on results of ongoing outreach.
Air Force - ACTIVE	Joint Base McGuire-Dix-Lakehurst	New Jersey						2	175	0	3	152 - 1688 ppt (PFOS + PFOA)	Bottled water provided to three (3) properties with private DW wells where results exceeded the LHAs. Subsequently installed 2 point-of-entry (POE) GAC systems and 1 point-of-use (POU) RO system and discontinued bottled water. System monitoring and O&M ongoing for the 3 treatment systems.	Engage with local municipality, connect to existing municipal water service, and extend water line as permanent solution to replace installed POE GAC systems at 2 properties; ECD May 2018. Conduct one year of monitoring at 1 property with installed RO Unit to determine if initial exceedance is valid (subsequent confirmation samples have been ND). Conduct minimum of one year of quarterly monitoring at 19 properties with PFOS/PFOA detections below the LHAs.