

Summary of PFOS/PFOA Testing of Drinking Water Systems for DoD Installations - AIR FORCE

Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs ¹														
DoD Component	Installation	State/ Territory/ Overseas Location	DoD Purveyor Drinking Water Systems					Non-DoD Purveyor 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 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 - ANG	New Castle ANGB (166th)	Delaware						1	0	1	0	140-1800 ppt (PFOS+PFOA)	Artesian Water Company discontinued the use of the wells where the contamination was identified.	Supplier took actions consistent with AF policy
Air Force - ANG	Pease ANGB (157th)	New Hampshire						1	0	1	0	2500 ppt (PFOS+PFOA)	City provides water to the ANG. During AF clean up activities May 2014, a drinking water well (Haven) tested above the provisional health advisory (at the time) and also above the current LHAs. The well was turned off by the City.	
Air Force - ACTIVE	Wright-Patterson AFB	Ohio	2	1	90-235 ppt (PFOS+PFOA)	Drinking water sampling and analysis. Bottled water was provided for Area A, where two drinking water wells and the treatment system were shut down. In the process of installing granular activated carbon filter system. Base officials are continuing to sample drinking water to ensure levels remain below the EPA LHAs. 9-5-17: GAC units were installed and went on line in Area A @ (EPs 001 and 004) on 2Jun17. Since that time, PFOS/PFOA results after GAC treatment at these entry points are BDL. Well #7, which is not treated by the GAC system has PFOA results of 5.0 - 6.6 ppt. Entry points 002 and 003 which are fed by Well 7 have PFOA results of 2.7-4.6 ppt. Wells 1 and 3 also have very small amounts of PFOA.	We are continuing monthly PFC monitoring at all 6 Area A wells and EP 001 per the GAC Plans Approval with OEPA. Area B wells are being monitored quarterly due to low levels of PFOA. CE is currently working on a back up plan for Area B in the event that the PFOA levels begin to increase to the Public Advisory Limit of 70ppt.							

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.