

Department of the Army

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

Army Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs ¹										
DoD Component	Installation	State/Territory	On-base Groundwater Monitoring Wells			Off-base Groundwater Monitoring Wells			Actions Taken as of August 31, 2017 ²	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)		
Army - BRAC	Seneca Army Ammunition Plant ³	New York	43	16	580-89,000				PA/SI completed for 3 sites; Airfield below LHA, the Fire Training Area below HA, and the Fire training and demonstration pad which exceeded HA. The State and EPA agreed NFA is likely because of existing GW restrictions.	No further action (NFA) will be recommended due to existing land use control (LUC) and GW use prohibition, however the Fire Training and Demonstration Pad may have to be characterized further for source and extent of PFOS/PFOA contamination.
Totals:			178	67	70 - 120,000	80	37	77 - 19,000		

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.

3: This installation is not one of the 61 Army installations with one or more areas where there is a known or suspected release of PFOS or PFOA as of December 31, 2016; however, it is included here because the Army investigated for a potential release of PFOS or PFOA at the request of the regulator.