Perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) are synthetic fluorinated organic chemicals that were used in many industrial and consumer products such as nonstick cookware, stain-resistant fabric and carpet, some food packaging and specialized foam.

PFOS and PFOA are part of a family of synthetic fluorinated chemicals called per- and polyfluoroalkyl substances (PFAS). PFOS and PFOA are the only two compounds of this group with established Environmental Protection Agency health advisories for drinking water.

Identify

203 Installations Require Preliminary Assessments (PAs)

100% of PAs Complete

39 BRAC
89 Active/Reserve
75 ANG

of those 203, 190 Installations Conducting a Site Inspection (SI)

47% of SIs Complete

30 BRAC
85 Active/Reserve
75 ANG

Respond

Air Force Drinking Water Response Actions:

- Bottled water
- Point-of-use filtration
- Whole-house filtration
- Municipal water supply hookup
- Municipal water treatment
- New well drilling

176/176 Installations transitioned to new C6 AFF in stockpiles and fire trucks

$5.3M Cost for ecologic system kits for fire vehicles

100% Installations finished retrofitting vehicles with ecologic system kits

979,000 Gallons of legacy AFF incinerated

$10.8M Cost to date to replace and incinerate legacy AFF in stockpiles and fire trucks

124/124 Installations with new C6 AFF in stockpiles and fire trucks

$546M total expenditures PFOS/PFOA Actions to Date

Prevent

190 Installations Conducting a Site Inspection (SI)

100% of PAs Complete

39 BRAC
89 Active/Reserve
75 ANG

85% of Installations and Site Inspections Complete

100% of PAs Complete

85% of SIs Complete

$546M total expenditures PFOS/PFOA Actions to Date

Identify | Prevent | Respond
Installations Status Update

Active Installations

**Cannon AFB, NM:** Three off-base drinking water sources above HA; bottled water provided

**Dover AFB, DE:** Seven off-base residential wells above HA; filtration system installed at 5 properties, bottled water provided to remaining 2 locations

**Eielson AFB, AK:** GAC system installed at on-base water treatment plant. 170 off-base private wells above HA; 165 water systems installed, 5 residences provided bottled water. AF signed interim ROD. Cooperative agreement signed with City of North Pole to connect residents to municipal water. Construction began April 2020

**Ellsworth AFB, SD:** 24 off-base residential wells serving 94 residences above HA; 2 residences (1 well) connected to base water supply, 3 residences (2 wells) connected to city water; filtration system installed at 19 residences (15 wells), 1 ion exchange system installed at a mobile home park, 5 residences (5 wells) provided bottled water

**Fairchild AFB, WA:** Two municipal wells above HA; filtration system installed and one well in non-active. 90 off-base residential wells above HA; 78 filtration systems installed, 5 residences connected to city water, 10 residences provided bottled water

**JB McGuire-Dix-Lakehurst, NJ:** Two on-base backup wells above HA; filtration system installed; new deep well under construction and treatment building at 95% design as permanent solution. Six off-base wells above HA; 2 filtration systems installed, 3 properties provided bottled water, 1 connected to municipal water. Installing connection to municipal water as permanent solution

**Luke AFB, AZ:** One off-base residential well above HA; bottle water provided

**Mountain Home AFB, ID:** Two on-base drinking water wells above HA; 1 filtration system installed; bottled water provided for second well

**New Boston AFS, NH:** One on-base drinking water well above HA; filtration system installed

**Peterson AFB, CO:** 42 municipal wells above HA; wells taken offline, 10 back on line with treatment systems. 4 off-base locations provided bottled water; 21 private wells above HA; 27 residences provided filtration systems; 1 location connected to municipal water supply; 1 Ion exchange system installed at a mobile home park

**Shaw AFB, SC:** Three public water systems, 2 business and 24 residential wells above HA, bottled water provided to 270 residences and 2 businesses

**Wright-Patterson AFB, OH:** Two wells above HA, filtration system installed

**Martinsburg ANG, WV:** One municipal well above HA. GAC system installed by city and functioning starting in December 2017

**New Castle ANG, DE:** 14 municipal wells above HA; all have carbon treatment installed

**Stewart ANG, NY:** City of Newburgh drinking water reservoir above HA; alternate water provided through New York State aqueduct. State-funded public drinking water treatment system constructed for reservoir, but not operating as a drinking water source

Other Drinking Water Response Actions

**Barnes ANG, MA:** Two municipal wells above HA; wells taken offline. 3 private wells above HA for which state is providing alternate water source

**Harrisburg IAP, PA:** Municipal supplier delivered water with elevated PFOS in 2014; the supplier responded to the problem and conducted periodic monitoring. The current wells utilized and drinking water are currently below the HA

**Joe Foss Field, SD:** 10 municipal wells above HA; alternate water supply provided by other municipal wells

Non-drinking Water Response Actions

**Burlington ANG, VT**

**Stewart ANG, NY**

**Former Chanute AFB, IL**

**Former March AFB, CA**

**Former Mather AFB, CA**

**Former Pease AFB, NH**

**Former Wurtsmith AFB, MI**

Current as of 31 July 2020