| Notes | Detected PFAS Sites | AF QA |
|---|---|---|
| | Row Labels | |
| Not on other lists | Aberdeen Proving Ground (Michaelsville Landfill) | Not on list |
| Not on other lists | Adam's Plating | Not on list |
| Not on other lists | Air Force Plant 4 | On List |
| Not on other lists | Air Force Plant PJKS (former) | Not on list |
| On Navy-USMC List | Alameda Naval Air Station | Not on list |
| On Air Force List | Altus AFB | Not on list |
| Not on other lists | American Cyanamid | On List |
| Not on other lists | Andrews Air Force Base | Not on list |
| Not on other lists | Army Creek Landfill | On List |
| Not on other lists | Arrowhead Associates, Inc./Scovill Corp. | On List |
| Not on other lists | Barksdale AFB | On List |
| On Navy-USMC List | Barstow Marine Corps Logistics Base | On List |
| Not on other lists | Beede Waste Oil | Not on list |
| Not on other lists | Bennington Municipal Sanitary Landfill | On List |
| On Air Force List | Bergstrom AFB | On List |
| Not on other lists | Blades, DE Groundwater | Not on list |
| Not on other lists | Brandywine DRMO | On List |
| Not on other lists | Brunswick Naval Air Station | On List |
| Not on other lists | Burgess Brothers Landfill | On List |
| Not on other lists | Camp Lejeune | On List |
| On Navy-USMC List | Camp Pendleton Marine Corps Base | On List |
| On Air Force List | Castle Air Force Base (6 Areas) | Not on list |
| On Air Force List | Chanute Air Force Base | Not on list |
| Not on other lists | Charles George Reclamation Trust Landfill | On List |
| Not on other lists | Chase Field | On List |
| Not on other lists | Chem-Fab | On List |
| Not on other lists | Chemours/DuPont Washington Works | Not on list |
| Not on other lists | Coakley Landfill | Not on list |
| Not on other lists | Colesville Landfill | On List |
| Not on other lists | Commerce Street Plume | Not on list |
| On Navy-USMC List | Corpus Christi Naval Air Station | Not on list |
| On Navy-USMC List | Dallas Naval Air Station | On List |
| Not on other lists | Defense General Supply Center (DLA) | On List |
| Not on other lists | Delaware National Guard | Not on list |
| Not on other lists | Delaware Sand & Gravel Landfill | Not on list |
| Not on other lists | Dewey Loeffel Landfill | On List |
| On Air Force List | Dover Air Force Base | Not on list |
| Not on other lists | Edwards Air Force Base | Not on list |
| Not on other lists | Eilson AFB | Not on list |
| On Navy-USMC List | El Toro Marine Corps Air Station | On List |
| Not on other lists | Elemendorf AFB | Not on list |
| On Air Force List | Ellsworth Air Force Base | On List |

| Air Force | DLA QA | DLA | Army QA |
|---|---|---|---|
| Barnes ANGB (104th) | Not on List | DFSP Newington[4] | Not On List |
| Eielson AFB | Not on List | DFSP Verona[4] | Not On List |
| Gabreski ANGB (106th) | | | Not On List |
| Harrisburg IAP (ANG) (193rd) | | | Not On List |
| Horsham AGS (AGS) (111th) | | | On List |
| Kunsan AB | | | Not On List |
| Mountain Home AFB | | | Not On List |
| New Boston AFS | | | Not On List |
| New Castle ANGB (166th) | | | Not On List |
| Pease ANGB (157th) | | | Not On List |
| Wright-Patterson AFB | | | Not On List |
| Dover AFB | | | Not On List |
| Eielson AFB | | | Not On List |
| Ellsworth AFB | | | Not On List |
| Fairchild AFB | | | Not On List |
| Former KI Sawyer AFB | | | On List |
| Former March AFB | | | Not On List |
| Former Mather AFB | | | Not On List |
| Former Pease AFB | | | On List |
| Former Plattsburgh AFB | | | On List |
| Former Wurtsmith AFB | | | On List |
| Horsham AGS (AGS) (111th) | | | On List |
| Joint Base Cape Cod | | | On List |
| Joint Base McGuire- Dix-Lakehurst | | | |
| Peterson AFB | | | |
| Altus AFB | | | |
| Beale AFB | | | |
| Cape Canaveral AFS | | | |
| Dover AFB | | | |
| Eglin AFB | | | |
| Eielson AFB | | | |
| Ellsworth AFB | | | |
| FE Warren AFB | | | |
| Hill AFB | | | |
| Joint Base Cape Cod (Massachusetts Military Reservation) | | | |
| Joint Base Langley-Eustis | | | |
| Joint Base San Antonio - Lackland, Randolph, Ft Sam Houston, Camp Bullis | | | |
| Moody AFB | | | |
| Patrick AFB | | | |
| Peterson AFB | | | |
| Robins AFB | | | |
| Tinker AFB | | | |

| Army | Navy QA |
|---|---|
| 81st RSC: E. Earle Rives AFRC | On List |
| 99th RSC Martinsburg Memorial USARC | Not On List |
| Fort Hunter Liggett | Not On List |
| Ft. Leavenworth | Not On List |
| JB Lewis-McChord: Fort Lewis Cantonment | On List |
| Soto Cano AB, HN | Not On List |
| USAG Daegu, KR Camp Carroll | On List |
| USAG Daegu, KR Camp Walker | Not On List |
| USAG Red Cloud, KR: Camp Red Cloud | Not On List |
| USAG Red Cloud, KR: Camp Stanley | On List |
| USAG Benelux - Caserne Daumerie, BE | On List |
| Belmont Armory | On List |
| El Campo | Not On List |
| Camp Grayling Joint Maneuver Training Center | On List |
| Mtc-H Camp Grayling3 | Not On List |
| Devens3 | On List |
| Fort Drum | On List |
| Fort McCoy | On List |
| Fort Meade | Not On List |
| Fort Ord | On List |
| Letterkenny Army Depot | Not On List |
| North Penn U.S. Army Reserve Center | Not On List |
| Seneca Army Ammunition Plant3 | Not On List |
| | Not On List |
| | On List |
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| | Not On List |
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**Navy-USMC**

NAS Oceana - NALF Fentress
NSA Monterey - Naval Radio Transmitter Facility Dixon
NSF Diego Garcia
Weapons Station Seal Beach- NOSC Moreno

Marine Forces Reserve (MARFORRES)-Marine Corps Reserve Training Center (MCRTC) Stewart
MARFORRES-MCRTC Wilmington
MCB Camp Pendleton (South)
Naval Base Kitsap - NARL Barrow
Agana
NAS Oceana - NALF Fentress
NAS Whidbey Island - Ault Field (Private)
NAS Whidbey Island - OLF Coupeville (Private)
NAS Whiting Field (Main Base)

NMC Earle

Warminster (Private)
Willow Grove (Private)
Willow Grove (Public)
MCLB Barstow
Agana
Alameda
Amchitka Alaska
Annapolis
Barrow
Bedford Massachusetts Naval Weapons Industrial Reserve Plant
Brunswick
Calverton
Chesapeake Beach
China Lake
Corpus Christi Texas Naval Air Station
Cutler
Dallas
Earle
Gulfport
Jacksonville
Meridian
Millington
Naval Air Station Whidbey Island (Ault field)

Naval Air Station Whidbey Island (OLF Coupeville)
Naval Auxiliary Landing Field Fentress (Oceana)
NAS Oceana
Newport
Norfolk Virginia Naval Base

| | | |
|---|---|---|
| On Air Force List | England AFB | On List |
| On Air Force List | F.E. Warren Air Force Base | Not on list |
| On Air Force List | Fairchild Air Force Base (4 Waste Areas) | On List |
| Not on other lists | Federal Aviation Administration Technical Center | On List |
| On Navy-USMC List | Fentress | On List |
| On Air Force List | Fort Dix (Landfill Site) | On List |
| On Army List | Fort Eustis (US Army) | Not on list |
| On Army List | Fort George G. Meade | Not on list |
| On Army List | Fort Ord | On List |
| Not on other lists | Fort Richardson | On List |
| Not on other lists | Fort Riley | On List |
| Not on other lists | Fort Wainwight | On List |
| On Army List | Ft. Devens | Not on list |
| On Army List | Ft. Devens Sudbury Training Annex | On List |
| On Air Force List | Gabreski Air National Guard Base | On List |
| Not on other lists | Garfield Ground Water Contamination | On List |
| On Air Force List | George Air Force Base | On List |
| On Air Force List | Griffiss Air Force Base (11 Areas) | Not on list |
| Not on other lists | Hanscom Field/Hanscom Air Force Base | On List |
| Not on other lists | Helen Kramer Landfill | On List |
| On Army List | Joint Base Lewis-McChord | Not on list |
| Not on other lists | Kearsarge Mettalurgical Corporation | On List |
| Not on other lists | Keddy Mills | |
| Not on other lists | Keefe Enivronmental Services | |
| On Air Force List | Kelly AFB | |
| Not on other lists | Kocher Drive Dump | |
| Not on other lists | Landfill & Resource Recovery Inc. (L&RR) | |
| On Air Force List | Langley Air Force Base/NASA Langley Research Center | |
| On Army List | Letterkenny Army Depot (PDO Area) | |
| On Army List | Letterkenny Army Depot (SE Area) | |
| Not on other lists | LL & S Landfill | |
| On Air Force List | Loring Air Force Base | |
| On Air Force List | March Air Force Base | |
| Not on other lists | Martin Aaron INC | |
| On Air Force List | Mather Air Force Base (AC&W Disposal Site) | |
| Not on other lists | MCAS Cherry Point | |
| On Air Force List | McClellan Air Force Base (Ground Water Contamination) | |
| On Air Force List | McGuire Air Force Base #1 | |
| Not on other lists | Merrimack Landfill | |
| Not on other lists | Middletown Air Field | |
| Not on other lists | Moses Lake Wellfield Contamination | |
| Not on other lists | Mottolo Pig Farm | |
| On Air Force List | Mountain Home Air Force Base | |
| Not on other lists | NASA Wallops Island | |
| Not on other lists | Naval Air Development Center (8 Waste Areas) | |
| Not on other lists | Naval Air Engineering Center | |
| On Navy-USMC List; Several Sites | Naval Air Station, Whidbey Island | |

Travis AFB
Horsham
Former Bergstrom AFB
Former Castle AFB
Former Chanute AFB
Former England AFB
Galena Forward Operating Location
General Mitchell Air Reserve Station
Former George AFB
Former Griffiss AFB
Former Grissom AFB
Former Kelly AFB
Former K.I. Sawyer AFB
Former Loring AFB
Former March AFB
Former Mather AFB
Former McClellan AFB
Former Myrtle Beach AFB
Former Pease AFB
Former Plattsburgh AFB
Former Richards-Gebaur AFB
Former Wurtsmith AFB

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NAS Pensacola (Outlying Landing Field Bronson)
Pensacola
Port Hueneme
Portsmouth Naval Shipyard
NAS Pensacola; OLF Saufley Field
South Weymouth
Treasure Island
Trenton
Warminster
White Oak - Naval Surface Warfare Center Dahlgren Division Detachment (Silver Spring)
Willow Grove
Barstow
El Toro Marine Corps Air Station
Tustin
Twentynine Palms
Yuma

| | |
|---|---|
| Not on other lists | Naval Weapons Industrial Reserve Plant |
| On Navy-USMC List; Several Sites | Naval Weapons Station Earle |
| On Air Force List | New Castle Groundwater Plume |
| Not on other lists | New Hampshire Plating CO. |
| On Navy-USMC List | Newport Naval Education & Training Center |
| On Navy-USMC List | Norfolk Naval Base (Sewells Point Naval Complex) |
| On Navy-USMC List | Norfolk Naval Shipyard |
| On Army List | North Penn - Area 5 |
| Not on other lists | Oakdale Dump |
| Not on other lists | Onondaga Lake |
| Not on other lists | Orange Valley Regional Ground Water Contamination |
| Not on other lists | Otis Air National Guard/Camp Edwards |
| Not on other lists | Parris Island Marine Corps Recruit Depot |
| Not on other lists | Patuxent River Naval Air Station |
| On Air Force List | Pease Air Force Base |
| On Air Force List | Peterson AFB |
| Not on other lists | Picatinny Arsenal |
| On Air Force List | Plattsburgh Air Force Base |
| On Navy-USMC List | Portsmouth Naval Shipyard |
| Not on other lists | Pownal Tannery |
| Not on other lists | Pownal Tannery, Dean Road |
| Not on other lists | Pownal Tannery, Lagoon Area |
| Not on other lists | Precision Plating Corp. |
| Not on other lists | Reese AFB |
| Not on other lists | S. Burlington Air Guard (offsite) |
| Not on other lists | Saint-Gobain Performance Plastics |
| On Army List | Seneca Army Depot |
| Not on other lists | Shepherd Field Air National Guard Base |
| Not on other lists | Solvents Recovery Services (SRS) |
| Not on other lists | Souhegan Regional Landfill |
| On Navy-USMC List | South Weymouth Naval Air Station |
| Not on other lists | State Disposal Landfill, Inc. |
| On Navy-USMC List | Stewart Air National Guard Base |
| Not on other lists | Sugerloaf Fire District |
| On Air Force List | Tinker Air Force Base (Soldier Creek/Building 3001) |
| Not on other lists | Tobyhanna Army Depot |
| On Air Force List | Travis Air Force Base |
| Not on other lists | Tyndall Air Force Base |
| Not on other lists | Union Chemical Co., Inc. |
| On Navy-USMC List | USN Naval Air Stn Oceana |
| Not on other lists | Valmont TCE Site (Former - Valmont Industrial Park) |
| Not on other lists | Warren Wire (WW) #1 - Fire District 2 Well |
| Not on other lists | Warren Wire Plant #3 (Former) |
| Not on other lists | Washington County Landfill |
| Not on other lists | Washington Navy Yard |
| Not on other lists | Western Sand and Gravel |
| Not on other lists | Williams Air Force Base |

| | |
|---|---|
| On Navy-USMC List | Willow Grove Air Guard Station |
| On Navy-USMC List | Willow Grove NAS |
| Not on other lists | Wolverine Worldwide Former Tannery |
| On Air Force List | Wright Patterson Air Force Base |
| On Air Force List | Wurtsmith AFB |
| On Navy-USMC List | Yuma Marine Corps Air Station |
| | **Grand Total** |

Missing Sites

| **Navy-USMC** |
|---|
| NSA Monterey - Naval Radio Transmitter Facility Dixon |
| NSF Diego Garcia |
| Weapons Station Seal Beach- NOSC Moreno |
| MARFORRES-MCRTC Wilmington |
| Naval Base Kitsap - NARL Barrow |
| Agana |
| NAS Whiting Field (Main Base) |
| Warminster (Private) |
| Agana |
| Amchitka Alaska |
| Annapolis |
| Barrow |
| Bedford Massachusetts Naval Weapons Industrial Reserve Plant |
| Calverton |
| Chesapeake Beach |
| China Lake |
| Cutler |
| Gulfport |
| Jacksonville |
| Meridian |
| Millington |
| NAS Pensacola (Outlying Landing Field Bronson) |
| Pensacola |
| Port Hueneme |
| NAS Pensacola; OLF Saufley Field |
| Treasure Island |
| Trenton |
| Warminster |
| White Oak - Naval Surface Warfare Center Dahlgren Division Detachment (Silver Spring) |
| Tustin |
| Twentynine Palms |

| Army | DLA | AirForce |
|---|---|---|
| 81st RSC: E. Earle Rives AFRC | DFSP Newington[4] | Barnes ANGB (104th) |
| 99th RSC Martinsburg Memorial USARC | DFSP Verona[4] | Eielson AFB |
| Fort Hunter Liggett | | Harrisburg IAP (ANG) (193rd) |
| Ft. Leavenworth | | Horsham AGS (AGS) (111th) |
| Soto Cano AB, HN | | Kunsan AB |
| USAG Daegu, KR Camp Carroll | | New Boston AFS |
| USAG Daegu, KR Camp Walker | | Eielson AFB |
| USAG Red Cloud, KR: Camp Red Cloud | | Former KI Sawyer AFB |
| USAG Red Cloud, KR: Camp Stanley | | Horsham AGS (AGS) (111th) |
| USAG Benelux - Caserne Daumerie, BE | | Joint Base Cape Cod |
| Belmont Armory | | Beale AFB |
| El Campo | | Cape Canaveral AFS |
| Camp Grayling Joint Maneuver Training Center | | Eglin AFB |
| Mtc-H Camp Grayling3 | | Eielson AFB |
| Fort Drum | | Hill AFB |
| Fort McCoy | | Joint Base Cape Cod (Massachusetts Military Reservation) |
| | | Joint Base San Antonio - Lackland, Randolph, Ft Sam Houston, Camp Bullis |
| | | Moody AFB |
| | | Patrick AFB |
| | | Robins AFB |
| | | Horsham |
| | | Galena Forward Operating Location |
| | | General Mitchell Air Reserve Station |
| | | Former K.I. Sawyer AFB |
| | | Former Myrtle Beach AFB |
| | | Former Richards-Gebaur AFB |
| | | |
| | | |
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| | | |
| | | |

| Region | Site | FF | EPA Database? | DOD Info |
|---|---|---|---|---|
| 4 | NAS Pensacola | Yes | Yes, potential | Shows detections on-base. No offbase samples taken |
| 4 | Jacksonville | Yes | Not present | Shows detections on-base. No offbase samples taken |
| 4 | Robins AFB | Yes | Yes, potential | Shows detections on-base. No offbase samples taken |
| 8 | Hill AFB | Yes | Yes, potential | Shows detections on-base. No offbase samples taken |
| 9 | Treasure Island (Hunters Point) | Yes | Not present | Shows detections on-base. No offbase samples taken |

| Samples Taken exceeding LHA in DOD ppt | Detection Range in DOD ppt | GW or DW |
|---|---|---|
| 9 of 9 | 84 -126,300 | GW |
| 17 of 17 | 3,410 -1,397,120 | GW |
| 3 of 5 | 150–1,400 ppt PFOS+PFOA | GW |
| 12 of 13 | 73–930 ppt PFOS+PFOA | GW |
| 3 of 3 | 160 -10,750 | GW? See 'notification' in notes. |

Notes

Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-
Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-
Sampling Performed and Notification

| Region | Facility Name | City | State |
|---|---|---|---|
| 1 | Beede Waste Oil | Plaistow | NH |
| 1 | Bennington Municipal Sanitary Landfill | Bennington | VT |
| 1 | Brunswick Naval Air Station | Brunswick | ME |
| 1 | Burgess Brothers Landfill | Bennington | VT |
| 1 | Charles George Reclamation Trust Landfill | Tyngsborough | MA |
| 1 | Coakley Landfill | North Hampton | NH |
| 1 | Commerce Street Plume | Williston | VT |
| 1 | Ft. Devens | Ayer, Shirley, Lancaster, Harvard | MA |
| 1 | Ft. Devens Sudbury Training Annex | Hudson, Stow, Maynard, and Sudbury | MA |
| 1 | Hanscom Field/Hanscom Air Force Base | Bedford | MA |
| 1 | Kearsarge Mettalurgical Corporation | Conway | NH |
| 1 | Keddy Mills | Windham | ME |
| 1 | Keefe Enivronmental Services | Epping | NH |
| 1 | Kocher Drive Dump | Bennington | VT |
| 1 | Landfill & Resource Recovery Inc. (L&RR) | North Smithfield | RI |
| 1 | LL & S Landfill | Salem | NH |
| 1 | Loring Air Force Base | Limestone | ME |
| 1 | Merrimack Landfill | Merrimack | NH |
| 1 | Mottolo Pig Farm | Raymond | NH |
| 1 | Naval Weapons Industrial Reserve Plant | Bedford | MA |
| 1 | New Hampshire Plating CO. | Merrimack | NH |
| 1 | Newport Naval Education & Training Center | Portsmouth | RI |
| 1 | Otis Air National Guard/Camp Edwards | Bourne, Sandwich, Falmouth, Mashpee | MA |
| 1 | Pease Air Force Base | Portsmouth & Newington | NH |
| 1 | Portsmouth Naval Shipyard | Kittery | ME |
| 1 | Pownal Tannery | Pownal | VT |
| 1 | Pownal Tannery, Dean Road | North Pownal | VT |
| 1 | Pownal Tannery, Lagoon Area | North Pownal | VT |
| 1 | Precision Plating Corp. | Vernon | CT |
| 1 | S. Burlington Air Guard (offsite) | South Burlington | VT |
| 1 | Solvents Recovery Services (SRS) | Southington | CT |
| 1 | Souhegan Regional Landfill | Amherst | NH |
| 1 | South Weymouth Naval Air Station | Weymouth, Abington, Rockland | MA |
| 1 | Union Chemical Co., Inc. | South Hope | ME |
| 1 | Warren Wire (WW) #1 - Fire District 2 Well | Pownal | VT |

| EPA ID | FF? | PRP | Congressional District | Assigned RPM | NPL or Non-NPL Status? (Use P, F, D, or N) | NPL Site count (calculated) | Has PFAS been detected? | PFOA and PFOS in drinking water above 70 (additive) and (private or public wells impacted) | Onsite Sampling? |
|---|---|---|---|---|---|---|---|---|---|
| NHD018958140 | No | | | Cheryl Sprague | F | 1 | yes | | |
| VTD981064223 | No | | | Almerinda Silva | F | 1 | Yes | | |
| ME8170022018 | Yes | Navy | 1 | Mike Daly | F | 1 | Yes | | |
| VTD003965415 | No | | | Terrence Connelly | F | 1 | Yes | | |
| MAD003809266 | No | | | | F | 1 | yes | | |
| NHD064424153 | No | | | Gerado Millan-Ramos | F | 1 | Yes | | |
| VTD098352545 | No | | | | F | 1 | yes | | |
| MA7210025154 | Yes | Army | 5 | Christine Williams | F | 1 | Yes | yes | |
| MAD980520670 | Yes | Army | 5 | Christine Williams | D | 1 | Yes | | |
| MA8570024424 | Yes | Air Force | 6 | Matthew Audet | F | 1 | Yes | | |
| NHD062002001 | No | | | | F | 1 | yes | | |
| MEN000106078 | No | | | | F | 1 | yes | | |
| NHD092059112 | No | | | | F | 1 | yes | | |
| VTD982542797 | No | | | Almerinda Silva | N | 0 | Yes | | |
| RID093212439 | No | | | | F | 1 | yes | | |
| NHD981068836 | No | | | | N | 0 | Yes | | |
| ME9570024522 | Yes | Air Force | 2 | Mike Daly | F | 1 | Yes | | |
| | No | | | | N | 0 | Yes | | |
| NHD980503361 | No | | | | F | 1 | yes | | |
| MA6170023570 | Yes | Navy | | Matthew Audet | F | 1 | yes | | |
| NHD001091453 | No | | | Cheryl Sprague | F | 1 | Yes | | |
| RI6170085470 | Yes | Navy | 1 | Jane Dolan | F | 1 | yes | | yes |
| MA2570024487 | Yes | | | Robert Lim | F | 1 | Yes | yes | |
| NH7570024847 | Yes | Air Force | | Mike Daly | F | 1 | Yes | yes | |
| ME7170022019 | Yes | | | Matthew Audet | F | 1 | Yes | | |
| VTD069910354 | No | | | | F | 1 | yes | | |
| VTD069910354 | No | | | Leslie McVickar | F | 1 | Yes | | |
| VTD069910354 | No | | | Leslie McVickar | F | 1 | Yes | | |
| CTD051316313 | No | | | Leslie McVickar | F | 1 | Yes | | |
| | No | | | | N | 0 | Yes | | |
| CTD009717604 | No | | | | F | 1 | yes | | |
| | No | | | | N | 0 | Yes | | |
| MA2170022022 | Yes | Navy | | Kymberlee Keckler | F | 1 | Yes | | |
| MED042143883 | No | | | | F | 1 | yes | | |
| | No | | | | N | 0 | Yes | | |

| Offsite Sampling? | Delineation Complete? | Eco Exposure? | Interim Measure/Action taken to Mitigate Exposure? |
|---|---|---|---|
| unknown | unknown | | |

If 'Yes', Action Taken. Describe Action Taken (include multiple)

Date Updated:

6/1/2018
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6/1/2018

Notes/other information including range of detections:

80+ monitoring, public and private supply wells sampled, most for 2 or more rounds. No DWs above the HA.

Consultation for new sampling.

Technical Assistance

Technical Assistance

Technical Assistance

| HQ Information: HQ Consulatation? Yes/No | HQ Consultation Date | |
|---|---|---|
| Yes | 5/18/2017 | information received 6/28/16 |
| Yes | 8/16/2016 | |
| No | | |
| No | | |
| | | |
| Yes | 1/17/2017 | |
| | 1/31/2018 | |
| No | | |
| Yes | 11/29/2017 | |
| Yes | 3/15/2018 | |
| | | |
| | | |
| No | | |
| | | |
| No | | |
| No | | |
| No | | |
| | | |
| No | | |
| Yes | 5/18/2017 | |
| yes | 3/22/2017 | |
| | | |
| | | |
| No | | |
| | | |
| No | | |
| No | | |
| Yes | 8/31/2016 | |
| No | | |
| | | |
| No | | |
| No | | |
| | | |
| No | | |

| | | | |
|---|---|---|---|
| 1 | Warren Wire Plant #3 (Former) | Pownal | VT |
| 1 | Western Sand and Gravel | Burrillville | RI |
| 2 | American Cyanamid | Bridgewater | NJ |
| 2 | Colesville Landfill | Colesville | NY |
| 2 | Dewey Loeffel Landfill | Nassau | NY |
| 2 | Federal Aviation Administration Technical Center | Atlantic City | NJ |
| 2 | Fort Dix (Landfill Site) | New Hanover Township | NJ |
| 2 | Gabreski Air National Guard Base | Westhampton and Westhampton Beach Village | NY |
| 2 | Garfield Ground Water Contamination | Garfield | NJ |
| 2 | Griffiss Air Force Base (11 Areas) | Rome | NY |
| 2 | Helen Kramer Landfill | Mantua Township | NJ |
| 2 | Martin Aaron INC | Camden | NJ |
| 2 | McGuire Air Force Base #1 | Cookstown | NJ |
| 2 | Naval Air Engineering Center | Lakehurst | NJ |
| 2 | Naval Weapons Station Earle | Scobeyville | NJ |
| 2 | Onondaga Lake | Towns of Geddes and Salina, Villages of Solvay and Liverpool, City of Syracuse | NY |
| 2 | Orange Valley Regional Ground Water Contamination | Orange | NJ |
| 2 | Picatinny Arsenal | Wharton | NJ |
| 2 | Plattsburgh Air Force Base | Plattsburgh | NY |
| 2 | Saint-Gobain Performance Plastics | Hoosick Falls | NY |
| 2 | Seneca Army Depot | Romulus | NY |
| 2 | Stewart Air National Guard Base | Newburgh | NY |
| 3 | Aberdeen Proving Ground (Michaelsville Landfill) | Aberdeen | MD |
| 3 | Andrews Air Force Base | Andrews Air Force Base | MD |
| 3 | Army Creek Landfill | | DE |
| 3 | Arrowhead Associates, Inc./Scovill Corp. | | VA |
| 3 | Blades, DE Groundwater | Blades | DE |
| 3 | Brandywine DRMO | Brandywine | MD |
| 3 | Chem-Fab | Doylestown | PA |
| 3 | Chemours/DuPont Washington Works | Washington | WV |
| 3 | Defense General Supply Center (DLA) | Chesterfield County | VA |
| 3 | Delaware National Guard | | DE |
| 3 | Delaware Sand & Gravel Landfill | New Castle | DE |
| 3 | Dover Air Force Base | Dover | DE |
| 3 | Fentress | Chesapeake | VA |
| 3 | Fort Eustis (US Army) | Newport News | VA |
| 3 | Fort George G. Meade | Odenton | MD |
| 3 | Langley Air Force Base/NASA Langley Research Center | Hampton | VA |
| 3 | Letterkenny Army Depot (PDO Area) | Chambersburg | PA |
| 3 | Letterkenny Army Depot (SE Area) | Chambersburg | PA |
| 3 | Middletown Air Field | Middletown Township | PA |
| 3 | NASA Wallops Island | Wallops Island | VA |
| 3 | Naval Air Development Center (8 Waste Areas) | Warminster Township | PA |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| VTN000102029 | No | | | | N | 0 | Yes | | |
| RID009764929 | No | | | | F | 1 | yes | | |
| NJD002173276 | No | Yes | NJ-07 | Mark Schmidt | F | 1 | yes | yes | yes |
| NYD980768691 | No | Yes | NY-22 | George Jacob | F | 1 | yes | no | yes |
| NYD000512335 | No | Yes | NY-19 | Joe Battipaglia | F | 1 | yes | no | yes |
| NJ9690510020 | Yes | Federal Aviation Administration | NJ-02 | Jesscia Mollin | F | 1 | yes | yes | yes |
| NJ2210020275 | Yes | Air Force | NJ-03 | Robyn Henderek | D | 1 | yes | yes | yes |
| | Yes | Air National Guard | NY-01 | Doug Pocze | N | 0 | yes | yes | yes |
| NJN000206317 | No | None | NJ-09 | Shane Nelson | F | 1 | yes | yes | yes |
| NY4571924451 | Yes | Air Force | NY-22 | Bob Morse | F | 1 | yes | yes | yes |
| NJD980505366 | No | Yes | NJ-02 | Larrry Granite | F | 1 | yes | yes | yes |
| NJD014623854 | No | Yes | NJ-01 | Shane Nelson | F | 1 | yes | yes | yes |
| NJ0570024018 | Yes | Air Force | NJ-03 | Robyn Henderek | F | 1 | yes | yes | yes |
| NJ7170023744 | Yes | Air Force | NJ-03, NJ-04 | Carla Struble | F | 1 | yes | yes | yes |
| NJ0170022172 | Yes | Navy | NJ-04, NJ-06 | Helen Shannon | F | 1 | yes | yes | yes |
| NYD986913580 | No | Yes | NY-24 | Bob Nunes | F | 1 | yes | no | no |
| NJD002148799 | No | None | NJ-10 | Pam Baxter | F | 1 | yes | yes | yes |
| NJ3210020704 | Yes | Army | NJ-11 | Sharon Hartzell | F | 1 | yes | yes | |
| NY4571924774 | Yes | Air Force | NY-21 | Bob Morse | F | 1 | yes | yes | yes |
| NYD004986741 | No | Yes | NY-19 | John DiMartino | F | 1 | yes | yes | yes |
| NY0213820830 | Yes | Army | NY-23 | Julio Vazquez | F | 1 | yes | yes | yes |
| | Yes | Air National Guard | NY-18 | Doug Pocze | N | 0 | yes | yes | yes |
| MD3210021355 | Yes | Army | MD-2 | Andrea Barbieri | F | 1 | yes | yes | yes |
| MD0570024000 | Yes | Air Force | MD-4 | Andy Sochanski | F | 1 | yes | no | yes |
| DED980494496 | No | | | Deb Rossi | F | 1 | yes | yes | |
| VAD042916361 | No | | | Chris Corbett | F | 1 | yes | no | |
| Not yet assigned | No | | DE | Connor O'Loughlin | N | 0 | yes | yes | no |
| MD9570024803 | Yes | Air Force | MD-5 | Andy Sochanski | F | 1 | yes | no | yes |
| PAD002323848 | No | | | Huu Ngo | F | 1 | yes | no | yes |
| | No | | | | N | 0 | Yes | | |
| VA3971520751 | Yes | DLA | VA-7 | Sue haug | F | 1 | yes | no | yes |
| DE0000306286 | No | Air Force | DE | Connor O'Loughlin | N | 0 | yes | yes | yes |
| DED000605972 | No | | | Deb Rossi | F | 1 | yes | yes | yes |
| DE8570024010 | Yes | Air Force | DE | Sue Haug | F | 1 | yes | yes | yes |
| VA8170090015 | Yes | Navy | VA-4 | Rob Thomson | N | 0 | yes | yes | yes |
| VA6210020321 | Yes | Air Force | VA-3 | Jeff Boylan | F | 1 | yes | no | yes |
| MD9210020567 | Yes | Army | MD-2 | Bob Stroud | F | 1 | yes | no | yes |
| VA2800005033 | Yes | Air Force | VA-2 | Jeff Boylan | F | 1 | yes | no | yes |
| PA2210090054 | Yes | Army | PA-9 | Rashmi Mathur | F | 1 | yes | no | yes |
| PA6213820503 | Yes | Army | PA-9 | Sue Haug | F | 1 | yes | no | yes |
| PAD980538763 | No | | | Mark Conaron | D | 1 | yes | yes | yes |
| VA8800010763 | Yes | NASA | VA-2 | Lorie Baker | N | 0 | yes | yes | yes |
| PA6170024545 | Yes | Navy | PA-8 | Sarah Kloss | F | 1 | yes | yes | yes |

| | | | |
|---|---|---|---|
| no | no | unknown | no |
| no | likely | no | no |
| no | yes | unknown | no |
| yes | no | unknown | yes |
| yes | no | unknown | no |
| yes | no | unknown | yes |
| yes | no | unknown | no |
| no | no | unknown | no |
| no | no | unknown | no |
| unknown | unknown | unknown | no |
| yes | no | unknown | no |
| yes | no | unknown | yes |
| yes | no | unknown | yes |
| no | no | unknown | no |
| no | no | unknown | no |
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| yes | no | unknown | yes |
| yes | no | Yes | yes |
| no | no | unknown | no |
| yes | no | yes | yes |
| yes | yes | no | yes |
| no | no | unknown | NA |
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| yes | no | unknown | yes |
| no | no | unknown | NA |
| yes | no | no | NA |
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| no | no | no | NA |
| yes | no | yes | yes |
| yes | no | unknown | yes |
| yes | no | yes | yes |
| yes | no | no | yes |
| no | no | no | NA |
| no | no | unknown | NA |
| no | no | no | NA |
| no | no | unknown | NA |
| no | no | no | NA |
| yes | no | unknown | yes |
| yes | no | no | yes |
| yes | no | yes | yes |

no
N/A
no
upgraded system and installed new filters on municipal drinking water supply plant
no
bottled water provided to all as an interim measure, POE systems installed on interested properties
no
no
no
no
no
bottled water provided to all as an initial measure, 2 GAC systems installed, 1 RO unit installed, assessing potential to hook-up to municipal water supply
bottled water provided to all as an initial measure, all residences hooked up to municipal water supply in 12/16
no
no

bottled water provided to all as an initial measure, GAC systems installed as a temporary measure, evaluating for hook-up to municipal supply
GAC units installed on municipal supply. POETs installed on private wells
no
City switched water supply to the Catskill Aqueduct (May 2016). The NY Department of Health conducted blood testing on residents (around 3700 ppl.), wrapping up the first phase of blood testing on De
Filter installed on public well.

SI and assessment of the shallow groundwater and rivers surrounding the public and residential wells impacted by PFAS. Bottled water. Filters on municipal wells and private wells.

Affected wells turned off and water provided from other wells. Filter installed on 1 public well. See New Castle GW Plume
Filter installed on public well.
Filter installed on 1 private well.
Filters installed on 2 private wells.

Production well turned off.
Affected public wells turned off.
Bottled water. Filters on public wells. Hook-ups to public water.

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4/24/2018
6/1/2018

PRPs sampled at NJ's request; 3 rounds of samples have been collected from 3 locations on-site. Round 1 (2/2017) -- max combined PFOA/PFOS result of 74.4 ppt; Round 2 (4/2017) - max PFOA/PFOS of
Sampling performed. Shows low levels. Resampling may not expected to be necessary.
Two samples collected from the on-site groundwater treatment plant. PFOA was detected at 2.6 J ppt and PFBA was detected at 84 ppt. Other PFAS compounds, including PFOS, were not detected. No fu
Maximum GW detections PFOA: 4,400 ppt, PFOS: 95,000 ppt, PFNA: 220ppt; Municipal supply wells located on FAA property were affected. Response was to upgrade the ACMUA treatment system and i
On base GW maximum: PFOS 1,500 ng/L, PFOA 79 ng/L, PFNA 21 ng/L (Method Dection Limits: PFOS 3.0 ng/L, PFOA 3.9 ng/L, PFNA 3.3 ng/L); Off base GW maximum: PFOS 15 ng/L, PFOA 10 ng/L, PFNA
Unknown exact detections; 9 residecnes were above the HAL; NYS DOH will test some drinking wells near the site (55 properties identified) and provide bottled water as a precaution, and point-of-entry t
on site GW maximum: PFOS 490 ppt, PFOA 56
On base PFOS max 60,700 ppt, PFOA max 1,100 ppt, PFNA max 170 ppt, detection limits 6.2 ppt; Off base private well survey completed and no GW or SW users were identified; PFAS PA completed July
PRPs sampled leachate
PRPs sampled at NJ's request
On base GW maximum: PFOS 264,300 ng/L, PFOA 23,000 ng/L, PFNA 4,700 ng/L (Method Dection Limits: PFOS 3.0 ng/L, PFOA 3.9 ng/L, PFNA 3.3 ng/L); off base GW maximum: PFOS 15 ng/L, PFOA 10 n
On base GW maximum: PFOS 200,000 ppt, PFOA 5,100 ppt, PFNA 540ppt (Method Dection Limits: PFOS 3.0 ppt, PFOA 3.9 ppt, PFNA 3.3 ppt); off base GW maximum: PFOS 1,500 ppt, PFOA 92 ppt, PFNA
2 private wells tested for PFOS at 200ppt, PFOA at 58 ppt; non detect for PFASs in on-site potable wells and at off-base Monmouth County Fire Academy potable wells; on base maximum for GW monitor
In 2004, Onondaga Lake was sampled for PFOS (mean: 756 ppt; range: 198-1,090 ppt), PFOA (mean: 49 ppt; range: 39-64 ppt), PFHS (mean: 7.4 ppt; range: 4.2-8.5 ppt). Sampling was not performed as
Sampling performed during RI. Low levels detected.

On base GW maximum detections: PFOS: 70,300 ppt, PFOA: 981,000 ppt, PFNA: 265 ppt (detection limits 6.2 ppt); off base GW maximum detections PFOS: 347 ppt, PFOA: 98 ppt, PFNA: 20 ppt (detectio
PFAS are a primary COC for the site. There are also several other PFAS sites in the area that are being addressed under New York State authorities.
On base GW maximum detections: PFOA: 89,000 ppt, PFOS: 8,300 ppt, PFNA: 140 ppt; Army sampled SEAD-25, 26 and 122E. High levels found at SEAD-25 and 26. EPA evaluating next steps. Sampling at
On-Base Retention pond samples 5900 ppt. Lake Washington levels were 146 and 148 ppt in March 2016. Detection limits "low ng/L" levels in water; A state-funded carbon filtration system has been des

Private well sampling ongoing.

Additional houses to be sampled in 2018.

| | | |
|---|---|---|
| No | | |
| | | |
| No | Requested 9/6/2017 | |
| no | | |
| no | | |
| No | | |
| No | | |
| no | | |
| Yes | | 9/25/2017 |
| No | | |
| no | | |
| no | | |
| No | | |
| No | | |
| no | | |
| No | | |
| no | | |
| | | |
| no | | |
| yes | | 8/11/2016 |
| no | | |
| no | | |
| | | |
| | | |
| yes | | 3/26/2018 |
| | | |
| yes | | 7/13/2016 |
| | | |
| | | |
| yes | | 6/13/2016 |

| | | | |
|---|---|---|---|
| 3 | New Castle Groundwater Plume | | DE |
| 3 | Norfolk Naval Base (Sewells Point Naval Complex) | Norfolk | VA |
| 3 | Norfolk Naval Shipyard | Portsmouth | VA |
| 3 | North Penn - Area 5 | | PA |
| 3 | Patuxent River Naval Air Station | Patuxent River | MD |
| 3 | Shepherd Field Air National Guard Base | Martinsburg | WV |
| 3 | Tobyhanna Army Depot | Tobyhanna | PA |
| 3 | USN Naval Air Stn Oceana | Virginia Beach | VA |
| 3 | Valmont TCE Site (Former - Valmont Industrial Park) | West Hazleton | PA |
| 3 | Washington Navy Yard | Washington | DC |
| 3 | Willow Grove Air Guard Station | Horsham | PA |
| 3 | Willow Grove NAS | Horsham | PA |
| 4 | Camp Lejeune | Onslow County | NC |
| 4 | MCAS Cherry Point | Cherry Point | NC |
| 4 | Parris Island Marine Corps Recruit Depot | Parris Island | SC |
| 4 | Tyndall Air Force Base | | FL |
| 5 | Adam's Plating | Lansing | MI |
| 5 | Chanute Air Force Base | Rantoul | IL |
| 5 | Oakdale Dump | Oakdale | MN |
| 5 | State Disposal Landfill, Inc. | Plainfield Township | MI |
| 5 | Washington County Landfill | Lake Elmo | MN |
| 5 | Wolverine Worldwide Former Tannery | Rockford | MI |
| 5 | Wright Patterson Air Force Base | | OH |
| 5 | Wurtsmith AFB | Wurtsmith | MI |
| 6 | Air Force Plant 4 | Fort Worth | TX |
| 6 | Altus AFB | Altus | OK |
| 6 | Barksdale AFB | Bossier City | LA |
| 6 | Bergstrom AFB | Austin | TX |
| 6 | Chase Field | Beeville | TX |
| 6 | Corpus Christi Naval Air Station | Corpus Christi | TX |
| 6 | Dallas Naval Air Station | Dallas | TX |
| 6 | England AFB | Alexandria | LA |
| 6 | Kelly AFB | San Antonio | TX |
| 6 | Reese AFB | Lubbock | TX |
| 6 | Tinker Air Force Base (Soldier Creek/Building 3001) | Oklahoma City | OK |
| 7 | Fort Riley | Junction City | KS |
| 8 | Air Force Plant PJKS (former) | Littleton | CO |
| 8 | Ellsworth Air Force Base | Ellsworth AFB | SD |
| 8 | F.E. Warren Air Force Base | Cheyenne | WY |
| 8 | Peterson AFB | Colorado Springs | CO |
| 8 | Sugerloaf Fire District | Sugerloaf | CO |
| 9 | Alameda Naval Air Station | Alameda | CA |
| 9 | Barstow Marine Corps Logistics Base | Barstow | CA |

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|---|---|---|---|---|---|---|---|---|---|
| DEN000304044 | No | | DE | Connor O'Loughlin | N | 0 | yes | yes | yes |
| VA6170061463 | Yes | Navy | VA-2 | Andrea Barbieri | F | 1 | yes | no | yes |
| VA1170024813 | Yes | Navy | VA-3 | Andrea Barbieri | F | 1 | yes | no | yes |
| PAD980692693 | no | | | Sharon Fang | F | 1 | yes | no | |
| MD7170024536 | Yes | Navy | MD-5 | Andy Sochanski | F | 1 | yes | no | yes |
| WVD981739824 | No | | | | N | 0 | yes | yes | |
| PA5213820892 | Yes | Army | PA-17 | Lorie Baker | F | 1 | yes | no | yes |
| VA2170024606 | Yes | Navy | VA-2 | Rob Thomson | N | 0 | yes | no | yes |
| PAD982363970 | No | | | Brad White | F | 1 | yes | no | yes |
| DC9170024310 | Yes | Navy | DC | Bob Stroud | F | 1 | yes | no | yes |
| PAD987277837 | Yes | Air Force | PA-13 | Sarah Kloss | F | 0.5 | yes | yes | yes |
| PAD987277837 | Yes | Navy | PA-13 | Sarah Kloss | F | 0.5 | yes | yes | yes |
| NC6170022580 | Yes | Marines | | Jennifer Tufts | F | 1 | yes | yes | |
| | Yes | Army | | Thornton | N | 0 | yes | | |
| SC6170022762 | Yes | Navy/Marines | | Lila Llamas | F | 1 | yes | yes | yes |
| FL1570024124 | Yes | Air Force | | Rob Pope | F | 1 | yes | no | yes |
| MID006522791 | No | None | 8th | Pablo Valentin | F | 1 | yes | no | yes |
| IL1570024157 | Yes | Air Force | 15th | Syed Quadri | P | 1 | Yes | yes | yes |
| MND980609515 | No | 3M | 6th | Eric Hardin | F | 1 | yes | yes | |
| MID980609341 | No | Waste Management | 3rd | Michael Berkoff | F | 1 | yes | Yes | yes |
| MND980704738 | No | | 4th | Leah Evison | D | 1 | yes | | |
| MIN000510613 | No | | | | N | 0 | Yes | | |
| OH7571724312 | Yes | Air Force | 10th | Syed Quadri | F | 1 | yes | yes | yes |
| MI5570024278 | Yes | Air Force | 1st and 5th | Jenny Davison | P | 1 | yes | yes | yes |
| TX0571924042 | Yes | Air Force | | Bob Sullivan | F | 1 | yes | no | yes |
| OK9571824045 | Yes | Air Force | | Tracie Donaldson | N | 0 | yes | no | yes |
| LA9571924050 | Yes | Air Force | | Rich Mayer | N | 0 | yes | no | yes |
| TX0572124188 | Yes | Air force | | Chuck Hendrickson | N | 0 | yes | no | yes |
| TX3170024738 | Yes | Navy | | Greg Lyssy | N | 0 | yes | no | yes |
| TX7170022787 | Yes | Navy | | Gary Miller | N | 0 | yes | no | yes |
| TX8170022786 | Yes | Navy | | Rich Mayer | N | 0 | yes | no | yes |
| LA9572124452 | Yes | Air Force | | Noel Bennet | N | 0 | yes | no | yes |
| TX2571724333 | Yes | Air Force | | Gary Miller | N | 0 | yes | no | yes |
| TX8571524091 | Yes | Air Force | | Gary Miller | N | 0 | yes | yes | yes |
| OK1571724391 | Yes | Air Force | | Mike Hebert | F | 1 | yes | no | yes |
| KS6214020756 | Yes | DOD | KS-02 | Amer Safadi | F | 1 | yes | No | Yes |
| CO7570090038 | Yes | | | | F | 1 | yes | no | |
| SD2571924644 | Yes | Air Force | | Patricia Smith | F | 1 | yes | yes | yes |
| WY5571924179 | Yes | | | | F | 1 | yes | | |
| CO9571924191 | Yes | Air Force | | Tracy White, CDPHE | N | 0 | yes | yes | yes |
| NA | No | | | | N | 0 | yes | yes | |
| CA2170023236 | Yes | Navy | 09,13 | Xuan-Mai Tran | F | 1 | yes | no | yes |
| CA8170024261 | Yes | | | | F | 1 | yes | yes | |

| | | | |
|---|---|---|---|
| yes | no | yes | yes |
| no | no | no | NA |
| no | no | unknown | NA |
| | | | |
| no | no | unknown | NA |
| | | | |
| no | no | no | NA |
| yes | no | no | NA |
| yes | yes | no | NA |
| no | yes | no | NA |
| yes | no | yes | yes |
| yes | no | yes | yes |
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| no | no | unknown | no |
| no | no | no | no |
| yes | yes | no | no |
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| yes | no | | |
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| yes | no | no | |
| yes | No | yes | yes |
| no | no | unknown | |
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| no | no | unknown | |
| no | no | unknown | |
| no | no | unknown | |
| yes | no | unknown | yes |
| no | no | unknown | |
| No | | | no |
| | | | |
| no | no | unknown | yes |
| | | | |
| yes | no | unknown | yes |
| | | | |
| no | no | potential | no |

Affected wells turned off and water provided from other wells. Filter installed on 1 public well. See Delaware Nat'l Guard.

Bottled water. Filters on public wells. Hook-ups to public water.
Bottled water. Filters on public wells. Hook-ups to public water.

Alternate water supply provided

GAC Treatment System
Alternate water supply provided

alternate water supply

alternate water supply

alternate water supply

4/25/2018
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660 ng/l in effluent of P&T system.  Wells turned off for cabon filter changeout.  Will resume pumping and monitor results.

1 private well to be sampled Spring 2018

Residents already on municipal water.

Municipal water hook-ups ongoing.
Municipal water hook-ups ongoing.

Early RI stage: 2 locations; Additive Range from  90 to 11,000 ppt
AF conduting sampling in 2018/19. RI sampling stalled due contract failure

original consultation on 9/1/16
Site Deferred to State

Air Force is sampling off site private water wells

PWS was ND for PFAS. Samples collected from four on-post monitoring wells. PFOA was detected in one sample (11 ng/L). All other samples were ND.

Air Force beginning RI-level sampling; private wells

Awaiting results from SI-type sampling; private wells and municipal upgrades

State made a determination this is a non-drinking water source

| | | |
|---|---|---|
| | | 7/14/2016 |
| yes | | 7/14/2016 |
| no | | |
| no | | |
| Yes | | 6/23/2017 |
| yes | | 2/23/2018 |
| yes | | 6/7/2016 |
| yes | unknown | |
| No | | |
| yes | multiple | |
| no | | |
| yes | | 2/28/2018 |

| | | | |
|---|---|---|---|
| 9 | Camp Pendleton Marine Corps Base | Camp Pendleton | CA |
| 9 | Castle Air Force Base (6 Areas) | Merced | CA |
| 9 | Edwards Air Force Base | Edwards AFB | CA |
| 9 | El Toro Marine Corps Air Station | El Toro | CA |
| 9 | Fort Ord | Marina | CA |
| 9 | George Air Force Base | Victorville | CA |
| 9 | March Air Force Base | Riverside | CA |
| 9 | Mather Air Force Base (AC&W Disposal Site) | Mather | CA |
| 9 | McClellan Air Force Base (Ground Water Contamination) | McClellan AFB | CA |
| 9 | Travis Air Force Base | Travis AFB | CA |
| 9 | Williams Air Force Base | Chandler | AZ |
| 9 | Yuma Marine Corps Air Station | Yuma | AZ |
| 10 | Eilson AFB | Fairbanks | AK |
| 10 | Elemendorf AFB | Anchorage | AK |
| 10 | Fairchild Air Force Base (4 Waste Areas) | Airway Heights | WA |
| 10 | Fort Richardson | Anchorage | AK |
| 10 | Fort Wainwight | Fairbanks | AK |
| 10 | Joint Base Lewis-McChord | Tacoma | WA |
| 10 | Moses Lake Wellfield Contamination | Moses Lake | WA |
| 10 | Mountain Home Air Force Base | Mountain Home | ID |
| 10 | Naval Air Station, Whidbey Island | Oak Harbor, Coupeville | WA |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CA2170023533 | Yes | | | | F | 1 | yes | yes | |
| CA3570024551 | Yes | Air Force | | Nadia Burke | F | 1 | yes | no | yes |
| CA1570024504 | Yes | Air Force | | Christopher Dirscherl | F | 1 | yes | no | yes |
| CA6170023208 | Yes | | | | F | 1 | yes | no | |
| CA7210020676 | Yes | Army | | Maeve Clancy | F | 1 | yes | no | yes |
| CA2570024453 | Yes | | | | F | 1 | yes | yes | |
| CA4570024527 | Yes | Air Force | | Catherine Brown | F | 1 | yes | yes | |
| CA8570024143 | Yes | Air Force | | John Lucey | F | 1 | yes | yes | yes |
| CA4570024337 | Yes | Air Force | | Julie Sullivan | F | 1 | yes | no | |
| CA5570024575 | Yes | | | | F | 1 | yes | yes | |
| AZ7570028582 | Yes | Air Force | 06, 5 | Carolyn d'Almeida | F | 1 | yes | yes | yes |
| AZ0971590062 | Yes | | | | F | 1 | yes | yes | |
| AK1570028646 | Yes | AF | At-large | Dustan Bott | F | 1 | yes | Yes | Yes |
| AK8570028649 | Yes | AF | At-large | Sandra Halstead | F | 1 | yes | Yes | Yes |
| WA9571924647 | Yes | Air Force | WA 5th | Kim Prestbo | F | 1 | yes | yes | |
| AK6214522157 | Yes | AF | At-large | Sandra Halstead | F | 1 | yes | Yes | Yes |
| AK6210022426 | Yes | Army | At-large | Sandra Halstead | F | 1 | yes | Yes | Yes |
| Multiple, but start with WA7210090067 | Yes | AF | WA 10th | Chris Cora | F | 1 | yes | Yes | Yes |
| WAD988466355 | No | DOD | WA 5th | Rod Lobos | F | 1 | yes | No | |
| ID3572124557 | Yes | Air Force | ID 2nd | | F | 1 | yes | yes | |
| WA6170090058 | Yes | Navy | WA 2nd | Laura Buelow | F | 1 | yes | yes | |

| | | |
|---|---|---|
| no | no | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Yes | No | Yes |
| Yes | No | No |
| | | |
| No | Maybe | No |
| No | No | No |
| Yes | No | Yes |
| Yes | No | No |

Alternate water supply

Wlls taken off line

6/1/2018
6/1/2018
6/1/2018
6/1/2018
6/1/2018
6/1/2018
6/1/2018
6/1/2018
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6/1/2018

| | | |
|---|---|---|
| | * | |
| yes | | 1/29/2018 |
| yes | | 1/25/2018 |
| yes | | 4/25/2018 |
| yes | | 6/28/2017 |

| | | |
|---|---|---|
| exceed combined limit | multiple | |
| 24,000/5,100 ng/L | yes, 6/2016 | |
| 220/55 ng/L | yes, 6/2017 | |
| 3,300/44 ng/L | no | |
| nd-250 ppt | | 5/23/2007 |
| .0439-.0488 ug/L | no | |

AIR FORCE

**Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs1**

**DoD Component**

**Installatio**
**n**

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems | |
|---|---|---|
| | Total Number Tested | |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) | Actions Taken as of August 31, 20172 |

| | |
|---|---|
| | |
| | |
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | | |
|---|---|---|
| | Non-DoD Purveyor Drinking Water Systems | |
| | Total Number Tested | |
| | Public DW Systems | Private DW Wells |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |
| | Public DW Systems |

| | |
|---|---|
| | |
| | Results (PFOS/ PFOA) or Concentration Range above EPA LHAs (ppt) |
| Private DW Wells | |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | |
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

Air Force - ANG

Barnes
ANGB
(104th)

Massachu
setts

| | |
|---|---|
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|---|---|
| | |

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|---|---|---|
| | 1 | 0 |

| | |
|---|---|
| | 1 |

| | |
|---|---|
| 0 | 43-160 ppt (PFOS+PFOA) |

| | |
|---|---|
| | Base obtains water from Westfield Water Dept. UCMR sampling indicated two DW system wells were elevated in 2013, and they have been removed from service. The Westfield Water Dept is in the process of addressing the two DW wells with elevated levels. |

| | |
|---|---|
| | Water sources will continue to be sampled for PFOA and PFOS. DW Wells #7 and #8 are not being used due to higher levels of PFOS and PFOA. Possible future treatment options are being investigated. Prior to any DW well (i.e. #1; #7; #8) being returned to use in a non-emergency situation, public notice will be provided, which will include additional sample results for PFOA, PFOS and similar chemicals and an explanation of treatment or other actions taken to support the return of the DW well(s) to service. |

Air Force - ACTIVE

Eielson
AFB

| | |
|---|---|
| | 1 |

| | |
|---|---|
| 9-111 ppt (PFOS+PFOA) | Drinking water sampling and analysis. Four of six drinking water wells taken off-line. Well with lowest PFOS/PFOA level used as primary well. Eielson upgraded the base water treatment plant with four temporary granulated activated carbon (GAC) filters pending completion of permanent GAC system. Eielson conducts quarterly sampling. One treated water sample above LHA due to carbon break thru. |

| | |
|---|---|
| | Projected date of 30 November 2017 for installation of four of the six permanent GAC filters at the base water treatment plant. The two additional filters used on the temporary systems scheduled to be permanently installed by 1 Janaury 2018 to complete the upgrade project. Eielson will continue conducting quarterly sampling. |

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Air Force - ANG

Gabreski
ANGB
(106th)

New York

| | |
|---|---|
| | |

| | |
|---|---|
| | |

| | | |
|---|---|---|
| | 1 | 0 |

| | |
|---|---|
| | 1 |

| | |
|---|---|
| 0 | ND-530 ppt (PFOS+PFOA) |

| | |
|---|---|
| | Base purchases DW water from Suffolk County. The County took action by blending and taking DW wells out of service. The County is currently installing GAC filters. |

| | |
|---|---|
| | Continue quarterly samples. |

Air Force - ANG

**Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHA**

Harrisbur
g IAP
(ANG)
(193rd)

Pennsylva
nia

| | | |
|---|---|---|
| | | |
| | 1 | 0 |
| | | |

1

| | |
|---|---|
| 0 | 20-103 ppt (PFOS+PFOA) |

| | |
|---|---|
| | During 2014 it was discovered from UCMR3 drinking water sampling activities that PFOS/PFOA was detected above the LHAs. State approved an action plan as follows: affected DW wells removed from service; other DW wells utilized to produce water below the LHAs; monthly sampling. |
| | **s1** |

| | |
|---|---|
| | Actions taken previously. No actions listed on 2016 Consumer Confidence Report |

**DoD Component**

**Installatio**
**n**

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems |
| --- | --- |
| | |
| Total Number Tested | |

| | |
|---|---|
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) | Actions Taken as of August 31, 20172 |

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | | |
|---|---|---|
| | Non-DoD Purveyor Drinking Water Systems | |
| | Total Number Tested | |
| | Public DW Systems | Private DW Wells |

| | |
|---|---|
| | Number that Tested above the EPA LHAs1 |
| | Public DW Systems |

| | |
|---|---|
| | Results (PFOS/ PFOA) or Concentration Range above EPA LHAs (ppt) |
| Private DW Wells | |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

Air Force - ANG

Horsham
AGS (AGS)
(111th)

Pennsylva
nia 1

| | |
|---|---|
| | 1 |

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|---|---|
| 60-290 ppt (PFOS+PFOA) | Alternate water source is being utilized. Drinking water sampling and analysis for several years. Two drinking water wells are off-line. Currently sampling monthly at four locations. |

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|---|---|
| | New treatment plant is being built |

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Air Force - ACTIVE

Kunsan
AB

South
Korea 1

| | |
|---|---|
| | 1 |

| | |
|---|---|
| 55-85 ppt (PFOS+PFOA) | Connected to local municipal DW supply until Kunsan AB source is mitigated to PFOS/PFOA levels lower than the EPA LHA. |

| | |
|---|---|
| | Will continue to monitor Kunsan AB source water quarterly for PFOS/PFOA, and will continue using local municipal DW supply until base water can be mitigated to below EPA LHA levels. |

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Air Force - ACTIVE

Mountain
Home
AFB

| | |
|---|---|
| | 1 |

| | |
|---|---|
| 77-105 ppt (PFOS+PFOA) | Drinking water sampling and analysis have occurred. Bottled water was purchased as an interim safety measure while the contaminated wells were evaluated and a plan was developed. Bottled water is still being supplied to the Control Tower as their only source of drinking water is a contaminated well. The contaminated well (well 4) supplying our industrial side of the base was removed from service, and the system was flushed over 3 days. Additional sampling has been conducted to show that PFOS/PFOA is no longer in the distribution lines. |

| | |
|---|---|
| | AFCEC and our CE personnel are developing long term plans, and will be constructing a new well. Well 4 will remain offline permanently due to PFOS/PFOA and nitrate contamination. Periodic sampling for PFOS/PFOA will continue to ensure the remaining wells are not impacted. |

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Air Force - ACTIVE

**Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs1**

**DoD Component**

New
Boston
AFS

**Installatio**
**n**

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems |
| --- | --- |
| New Hampshire | 2 |

1

| | |
|---|---|
| 13-83 ppt (PFOS+PFOA) | Drinking water sampling and analysis. DW well above the EPA LHAs has been shut down. The AF is conducting quarterly sampling for the operational drinking water wells. |
| | |
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|---|---|
| | Project has been awarded to add Activated Carbon to impacted DW well to fix PFOS/PFOA. Quarterly testing will continue |
| | |
| | |

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|---|---|---|
| | | |
| | | |
| | Non-DoD Purveyor Drinking Water Systems | |

Air Force - ANG

New
Castle
ANGB
(166th)

| | |
|---|---|
| | **Total Number Tested** |
| Delaware | |

| | Number that Tested above the EPA LHAs1 |
|---|---|
| | |

| Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) | Actions Taken as of August 31, 20172 |
| --- | --- |
| | |

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |
| | |

| | Total Number Tested | |
|---|---|---|
| | Public DW Systems | Private DW Wells |
| | 1 | 0 |

| | |
|---|---|
| | **Number that Tested above the EPA LHAs1** |
| | **Public DW Systems** |
| | 1 |

| | Results (PFOS/ PFOA) or Concentration Range above EPA LHAs (ppt) |
|---|---|
| **Private DW Wells** | |
| 0 | 140-1800 ppt (PFOS+PFOA) |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |
| | Artesian Water Company discontinued the use of the wells where the contaminatio n was identified. |

| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |
|---|---|
| | Supplier took actions consistent with AF policy |

Air Force - ANG

Pease
ANGB
(157th)

New
Hampshir
e

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|---|---|---|
| | 1 | 0 |

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|---|---|
| | 1 |

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|---|---|
| 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

**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), prov

Wright-
Patterson
AFB

viding alternative drinking water, adding an activated carbon filter to the well, and blending water systems.

Ohio 2

| | |
|---|---|
| | 1 |
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|---|---|
| 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.<br>**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. |
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| Summary of DoD Testing of Drinking Water Systems Off-Installation and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installatio**
**n**

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems | |
|---|---|---|
| | Total Number Tested | |

| | | |
|---|---|---|
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| | |
|---|---|
| | |
| | |
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | |
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

| | | |
|---|---|---|
| | | |
| | Off-base Public and Private Drinking Water Wells | |
| | Total Number Tested | |
| | Public DW Systems | Private DW Wells |

| | | |
|---|---|---|
| | | |
| | | |
| | Number that Tested above the EPA LHAs1 | |
| | Public DW Systems | Private DW Wells |

| | |
|---|---|
| | Results (PFOS/ PFOA) or Concentration Range above EPA LHAs (ppt) |

**Actions Taken as of August 31, 20172**

**Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA**

Air Force - ACTIVE

Air Force - ACTIVE

Dover AFB

Eielson
AFB

Delaware

Alaska

| | | |
|---|---|---|
| | | |
| | | |

| | | |
|---|---|---|
| | 1 | 19 |
| | 0 | 174 |

| | | |
|---|---|---|
| | 0 | 1 |
| | 0 | 169 |

| | |
|---|---|
| | 91 ppt (PFOS + PFOA) |
| | 83 - 2222 ppt (PFOS+PFOA) |

| | |
|---|---|
| Installed whole-house activated carbon filtration system at one residence as a permanent solution. | |
| Installed 163 water systems (remaining six are due to owner delays) to include: 96 water tank (2,000 gal) delivery systems , 65 granulated activated carbon (GAC) systems,<br>2 water carboy (5-gal) delivery systems. | |

| | |
|---|---|
| Sampling and analysis to verify filtration system is working as intended; filter changes as needed. | |
| Complete Interim Proposed Plan to determine final remedy for a long-term drinking water supply for the community of Moose Creek, AK, by Nov 2017. Preferred Alternative anticipated to be connection to the City of North Pole water system. Final Record of Decision to be completed by Aug 2018. Implementation of selected remedy programmed for FY19. | |

Air Force - ACTIVE

Ellsworth
AFB

South
Dakota

| | | |
|---|---|---|
| | | |

| | | |
|---|---|---|
| | 0 | 1 |

| | | |
|---|---|---|
| | 0 | 1 |

| | |
|---|---|
| | 182 ppt |

| | |
|---|---|
| Alternate DW water source provided in January 2017. Two properties, sharing one (1) private DW well, were connected to the existing Base-operated potable waterline. The waterline has provided alternate water since the 1990s to other off-base residents affected by trichloroethene contamination. | |

Response provided as of 31 August 2017 is the permanent/final mitigation solution.

Air Force - ACTIVE

Fairchild
AFB

Washingt
on

| | | |
|---|---|---|
| | | |

| | | |
|---|---|---|
| | 2 | 104 |

| | | |
|---|---|---|
| | 1 | 43 |

| | |
|---|---|
| | 75-5700 ppt (PFOS+PFOA) |

Public DW water system taken off line. Bottled water provided to all private residences with DW wells above LHA.

Negotiate MOU with local municipality; potentially install GAC filtration on public DW water system; ECD - to be determined. Install whole house filtration systems in residences with affected private DW wells; ECD Jan 2018.

Air Force - BRAC

Former KI
Sawyer
AFB

Michigan

| | | |
|---|---|---|
| | | |

| | | |
|---|---|---|
| | 4 | 9 |

| | | |
|---|---|---|
| | 0 | 1 |

| | |
|---|---|
| | 202 - 3651 ppt (PFOS+PFOA) |

Testing showed exceedance of the LHA. Provided bottled water and cooler.

| | |
|---|---|
| Complete signing of access agreement. Installation of carbon filtration treatment system planned for September 2017. Conduct monitoring of system to ensure filtration operation is below the LHA. | |

Air Force - BRAC

Former
March
AFB

California

| | | |
|---|---|---|
| | | |

| | | |
|---|---|---|
| | 4 | 4 |

| | | |
|---|---|---|
| | 1 | 2 |

| | |
|---|---|
| | 70 - 168 ppt (PFOS+PFOA) |

| |
|---|
| Supplied two (2) residences with bottled water while working connection to municipal water service. Public DW well shut off and AF reimbursing for the incremental cost increase of purchasing replacement water. |

Complete Cooperative Agreement with DW purveyor to fund treatment for impacted municipal DW well.

Air Force - BRAC

**Summary of DoD Testing of Drinking Water Systems Off-Installation and Actions Taken where Results were Above the EPA LHAs1**

**DoD Component**

Former
Mather
AFB

**Installatio**
**n**

California

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems |
| --- | --- |

| | | |
|---|---|---|
| | 2 | 6 |
| | | |
| | **Off-base Public and Private Drinking Water Wells** | |

1

0

| | |
|---|---|
| | 193 ppt (PFOS+PFOA) |
| | |
| | |

Public DW well with exceedance of LHA was taken out of service in 2015 for reasons not related to PFOS/PFOA. DW well remains off-line.

Water purveyor has identified the AF as a potential responsible party, but has not determined future use of the DW well and has not made any request for assistance/action.

| | |
|---|---|
| **Total Number Tested** | |

| | | |
|---|---|---|
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | | |
|---|---|---|
| | Total Number Tested | |
| | Public DW Systems | Private DW Wells |

| | | |
|---|---|---|
| | Number that Tested above the EPA LHAs1 | |
| | Public DW Systems | Private DW Wells |

| | |
|---|---|
| | Results (PFOS/ PFOA) or Concentration Range above EPA LHAs (ppt) |
| | |

**Actions Taken as of August 31, 20172**

**Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA**

Air Force - BRAC

Former
Pease AFB

New
Hampshir
e

| | | |
|---|---|---|
| | | |

| | | |
|---|---|---|
| | 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 pubic 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

Air Force - BRAC

Former
Plattsburg
h AFB

Former
Wurtsmit
h AFB

New York
Michigan

| | | |
|---|---|---|
| | | |
| | | |

| | | |
|---|---|---|
| | 0 | 53 |
| | 2 | 67 |

| | | |
|---|---|---|
| | 0 | 4 |
| | 0 | 1 |

| | |
|---|---|
| | 90 - 412 ppt (PFOS+PFOA) |
| | 2923 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. | |
| Connected private well owner to public water supply. | |

| | |
|---|---|
| Connection of private DW water well owners to public water supply planned for fall 2017 or spring 2018. | |
| Complete retesting of private well to ensure level is below LHA. | |

Air Force - ANG

Horsham
AGS (AGS)
(111th)

Pennsylva
nia

| | | |
|---|---|---|
| | | |

| | | |
|---|---|---|
| | 2 | 152 |

| | | |
|---|---|---|
| | 2 | 59 |

| | |
|---|---|
| | 82-1870<br>ppt<br>(PFOS+PF<br>OA) |

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

Massachu
setts

| | | |
|---|---|---|
| | | |

| | | |
|---|---|---|
| | 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

**Summary of DoD Testing of Drinking Water Systems Off-Installation and Actions Taken where Results were Above the EPA LHAs1**

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. | |

**DoD Component**

**Installatio**
**n**

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems | |
|---|---|---|
| | Total Number Tested | |

| | | |
|---|---|---|
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | | |
|---|---|---|
| | Off-base Public and Private Drinking Water Wells | |
| | Total Number Tested | |
| | Public DW Systems | Private DW Wells |

| | | |
|---|---|---|
| | | |
| | Number that Tested above the EPA LHAs1 | |
| | Public DW Systems | Private DW Wells |

| | |
|---|---|
| | Results (PFOS/ PFOA) or Concentration Range above EPA LHAs (ppt) |
| | |

**Actions Taken as of August 31, 20172**

**Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA**

Air Force - ACTIVE

**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), prov

Peterson
AFB

Former K.I. Sawyer AFB
Former Loring AFB
viding alternative drink Former March AFB

Colorado

| | | |
|---|---|---|
| | | |
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| | |
|---|---|
| | |

| | | |
|---|---|---|
| | 5 | 83 |
| | | |

| | | |
|---|---|---|
| | 5 | 39 |
| | | |

| | |
|---|---|
| | 70 - 7910 ppt (PFOS+PFOA) |
| | |

| | |
|---|---|
| Private well owners provided under-sink (kitchen) reverse osmosis (RO) units.<br>Bottled water is being provided to employees of a shopping center. Low-flow granular activated carbon (GAC) systems installed at one (1) mobile home park and one (1) farm house. One local church was connected to city water. Bottled water is being provided to 52 units in another mobile home park. Five (5) water districts are impacted. Three (3) water districts turned off their wells and are purchasing surface water from another source; the Air Force installed additional piping to convey surface water and an Ion Exchange (IX) system. One water district installed two 500-gpm GAC systems and another water district installed a 300-gpm IX system. One water district remains on bottled water. | |
| | |

| | |
|---|---|
| Negotiate MOU or Cooperative Agreements with three local municipality; install Ion Exchange filtration systems on public water system or pipe additional wells to existing treatment systems in Summer 2018. Continue to sample wells just below the LHA. Continue to provide bottled water to the 8 homes and the shopping center. Continue to maintain private well treatment systems. Work on more effective system for small mobile home park and farm. Because there are over 30 municipal wells impacted we are still working on making the determination of what the current need is for two of the water districts. The other three water districts should be good by Sep 2018. | |
| | |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installatio**
**n**

State/Territory

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | **Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA** |

Air Force-Active

Altus AFB

Oklahoma

| | |
|---|---|
| | 12 |

| | |
|---|---|
| | 11 |

| | |
|---|---|
| | 190–290,<br>000 ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | 0 |

| | |
|---|---|
| | |

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-Active

Beale AFB

California

| | |
|---|---|
| | 4 |

| | |
|---|---|
| | 3 |

| | |
|---|---|
| | 80–200,0<br>00 ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | 0 |

| | |
|---|---|
| | |

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-Active

**Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1**

Cape
Canaveral
AFS

Florida

11

8

| | |
|---|---|
| | 74–53,00<br>0 ppt<br>PFOS+PF<br>OA |

0

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |
| | | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |
| | |

| DoD Component |
| --- |
| Air Force-Active |

**Installatio**
**n**

Dover AFB

| State/Territory | |
|---|---|
| Delaware | |

| | |
|---|---|
| | **On-base Groundwater Monitoring Wells** |
| | 67 |

| | |
|---|---|
| | **Number that Tested above the EPA LHAs1** |
| | 36 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |
| | 77–2,800,000 ppt PFOS+PFOA |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |
| | 0 |

| | |
|---|---|
| | Number that Tested above the EPA LHAs1 |
| | |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. |

| | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-Active

Eglin AFB

Florida

| | |
|---|---|
| | 6 |

| | |
|---|---|
| | 6 |

| | |
|---|---|
| | 4,300–28<br>0,000<br>ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | 0 |

| | |
|---|---|
| | |

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-Active

**Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1**

Eielson
AFB

Alaska

25

18

| | |
|---|---|
| | 95–2,000,<br>000 ppt<br>PFOS+PF<br>OA |
| | |

9

0

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |
| | |

| DoD Component |
| --- |
| Air Force-Active |

**Installatio**
**n**

Ellsworth
AFB

| State/Territory | |
|---|---|
| South Dakota | |

| | |
|---|---|
| | **On-base Groundwater Monitoring Wells** |
| | 46 |

| | |
|---|---|
| | **Number that Tested above the EPA LHAs1** |
| | 43 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |
| | 72–551,000 ppt PFOS+PFOA |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |
| | 12 |

| | Number that Tested above the EPA LHAs1 |
|---|---|
| | 10 |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | 150-33,900 ppt PFOS+PFOA |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |
| | Completed a limited Preliminary Assessment/Site Inspection for PFOS and PFOA received regulatory concurrence on the findings.<br>Initiated a Remedial Investigation at the former fire training area and completed the first phase of fieldwork in Summer 2017.<br>Initiated a base-wide Site Inspection. |

| | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-Active

FE Warren
AFB

Wyoming

| | |
|---|---|
| | 1 |

| | |
|---|---|
| | 1 |

| | |
|---|---|
| | 1,100 ppt<br>PFOS |

| | |
|---|---|
| | 0 |

| | |
|---|---|
| | |

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-Active

**Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1**

Hill AFB

Utah

13

12

| | |
|---|---|
| | 73–930<br>ppt<br>PFOS+PF<br>OA |

0

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |
| | | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |
| | |

| DoD Component |
| --- |
| Air Force-Active |

**Installation**

Joint Base Cape Cod (Massachusetts Military Reservation)

| State/Territory | |
|---|---|
| Massachusetts | |

| | |
|---|---|
| | **On-base Groundwater Monitoring Wells** |
| | 113 |

| | Number that Tested above the EPA LHAs1 |
|---|---|
| | 31 |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | 71–21,800 ppt PFOS+PFOA |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |
| | 26 |

| | Number that Tested above the EPA LHAs1 |
|---|---|
| | 13 |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | 90-3,200 ppt PFOS+PFOA |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. Continued sampling and analyses, retesting, bottled water provision, and installation of carbon filtration systems. |

| | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |
|---|---|
| | An expanded SI will be conducted at the SI sites except for the tanker truck rollover where the site has proceeded to an RI since PFOS+PFOA greater than the LHA has been detected off base in private wells. |

Air Force-Active

Joint Base
Langley-
Eustis

Virginia

| | |
|---|---|
| | 43 |

| | |
|---|---|
| | 41 |

| | |
|---|---|
| | 110–2,200,000 ppt PFOS+PFOA |

| | |
|---|---|
| | 0 |

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-Active

**Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1**

Joint Base
San
Antonio -
Lackland,
Randolph,
Ft Sam
Houston,
Camp
Bullis

Texas

20

14

| | |
|---|---|
| | 83–680,0<br>00 ppt<br>PFOS+PF<br>OA |
| | |

0

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |
| | |

| DoD Component |
| --- |
| Air Force-Active |

**Installatio**
**n**

Moody
AFB

| State/Territory | |
|---|---|
| Georgia | |

| | |
|---|---|
| | **On-base Groundwater Monitoring Wells** |
| | 34 |

| | |
|---|---|
| | **Number that Tested above the EPA LHAs1** |
| | 22 |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | 590–375,<br>000 ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |
| | 0 |

| | |
|---|---|
| | Number that Tested above the EPA LHAs1 |
| | |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. |

| | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-Active

Air Force-Active

Patrick
AFB

Peterson
AFB

Florida

Colorado

| | |
|---|---|
| | 28 |
| | 14 |

| | |
|---|---|
| | 28 |
| | 8 |

| | |
|---|---|
| | 71–4,300,<br>000 ppt<br>PFOS+PF<br>OA |
| | 79–88,40<br>0 ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | 0 |
| | 10 |

| | |
|---|---|
| | |
| | 2 |

| | |
|---|---|
| | |
| | 130–980<br>ppt<br>PFOS+PF<br>OA |

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |
| | Summitted request for Expanded SI funds.<br>Conducted mitigation efforts, as reported in Drinking Water Data Call | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |
| | Expanded SI Field work and continued mitigation on private and public drinking water wells |

Air Force-Active

**Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1**

Robins
AFB

Georgia

5

3

| | |
|---|---|
| | 150–1,400 ppt PFOS+PF OA |

0

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |
| | |

| DoD Component |
| --- |
| Air Force-Active |

**Installatio**
**n**

Tinker
AFB

| State/Territory | |
|---|---|
| Oklahoma | |

| | |
|---|---|
| | **On-base Groundwater Monitoring Wells** |
| | 19 |

| | Number that Tested above the EPA LHAs1 |
|---|---|
| | 15 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |
| | 73–170,000 ppt PFOS+PFOA |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |
| | 0 |

| | |
|---|---|
| | Number that Tested above the EPA LHAs1 |
| | |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. |

| | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-Active

Travis AFB

California

| | |
|---|---|
| | 12 |

| | |
|---|---|
| | 12 |

| | |
|---|---|
| | 89–40,00<br>0 ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | 0 |

| | |
|---|---|
| | |

| | | |
|---|---|---|
| | Completed the base-wide Preliminary Assessment and received regulatory concurrence on the findings. Initiated a base-wide Site Inspection for PFOS and PFOA. | |

| | |
|---|---|
| | Continue following the CERCLA process through investigation, cleanup, and long-term monitoring. Perform mitigation activities when impacts to human health are determined. |

Air Force-ANG

Horsham

Pennsylva
nia

| | |
|---|---|
| | 106 |

| | |
|---|---|
| | 100 |

| | |
|---|---|
| | 75–297,2<br>00 ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Continued sampling, carbon added to supply wells on-base and off-base municipal wells, impacted municipalities blending water while carbon under construction, alternate water supplied to impacted private well owners until municipal connections complete |

| | |
|---|---|
| | Continue using the Base supply wells that have carbon filtration. Follow the CERCLA process for future investigative and cleanup activities. |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installatio**
**n**

State/Territory

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | Actions Taken as of August 31, 20172 |
| | |

| | |
|---|---|
| | |
| | **Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA** |

Air Force-BRAC

Former
Bergstro
m AFB

Texas

| | |
|---|---|
| | 5 |

| | |
|---|---|
| | 472 - 9,970 ppt PFOS+PFOA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

Air Force-BRAC

Former
Castle
AFB

California

| | |
|---|---|
| | 7 |

| | |
|---|---|
| | 3 |

| | |
|---|---|
| | 281 - 2,502 ppt PFOS+PFOA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installatio**
**n**

| | |
|---|---|
| | |
| **State/Territory** | |

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |

Air Force-BRAC

Former
Chanute
AFB

Illinois

| | |
|---|---|
| | 58 |

| | |
|---|---|
| | 38 |

| | |
|---|---|
| | 162 - 2,098,000 ppt PFOS+PFOA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. Upgraded existing groundwater treatment systems with granulated activated carbon to mitigate PFOS/PFOA discharges. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

Air Force-BRAC

Former
England
AFB

Louisiana

| | |
|---|---|
| | 8 |

| | |
|---|---|
| | 8 |

| | |
|---|---|
| | 4,351 - 10,970,000 ppt PFOS+PFOA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installatio**
**n**

State/Territory

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | **Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA** |

Air Force-BRAC

Galena
Forward
Operating
Location

Alaska

| | |
|---|---|
| | 6 |

| | |
|---|---|
| | 3 |

| | |
|---|---|
| | 1,868 - 146,400 ppt PFOS+PFOA |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and received regulatory concurrence on the findings. Initiated Site Inspections of AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

Air Force-BRAC

General
Mitchell
Air
Reserve
Station

Wisconsin

| | |
|---|---|
| | 6 |

| | |
|---|---|
| | 5 |

| | |
|---|---|
| | 88 - 10,830 ppt PFOS+PFOA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Areas. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

Air Force-BRAC

Former
George
AFB

California

| | |
|---|---|
| | 22 |

| | |
|---|---|
| | 14 |

| | |
|---|---|
| | 87 - 5,396<br>ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Areas. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installatio**
**n**

State/Territory

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | Off-base Groundwater Monitoring Wells |
| | Total Number Sampled |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Actions Taken as of August 31, 20172** |
| | |

| | |
|---|---|
| | |
| | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |

Air Force-BRAC

Former
Griffiss
AFB

New York

| | |
|---|---|
| | 9 |

| | |
|---|---|
| | 9 |

| | |
|---|---|
| | 641 - 61,233 ppt PFOS+PFOA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

Air Force-BRAC

Former
Grissom
AFB

Indiana

| | |
|---|---|
| | 18 |

| | |
|---|---|
| | 16 |

| | |
|---|---|
| | 74 - 132,000 ppt PFOS+PFOA |

| | |
|---|---|
| | 5 |

| | |
|---|---|
| | 0 |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and site inspection. Received regulatory concurrence on the findings. All drinking water well sampling results below LHA. |

| | |
|---|---|
| | Conduct one year of quarterly sampling of the private drinking water wells. Follow the CERCLA process for future investigative and cleanup activities. |

Air Force-BRAC

Former
Kelly AFB

Texas

| | |
|---|---|
| | 4 |

| | |
|---|---|
| | 4 |

| | |
|---|---|
| | 8,950 - 35,800 ppt PFOS+PFOA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Perform groundwater investigations of AFFF release areas in conformance with State requirements. |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installatio**
**n**

| | |
|---|---|
| | |
| **State/Territory** | |

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | **Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA** |

Air Force-BRAC

Former
K.I.
Sawyer
AFB

Michigan

| | |
|---|---|
| | 12 |

| | |
|---|---|
| | 8 |

| | |
|---|---|
| | 479 - 58,210 ppt PFOS+PFOA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Areas. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Perform delineation of PFOS/PFOA in groundwater along the pathways to drinking water identified receptors. |

Air Force-BRAC

Former
Loring
AFB

Maine

| | |
|---|---|
| | 55 |

| | |
|---|---|
| | 29 |

| | |
|---|---|
| | 84 - 5,861<br>ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area and other AFFF areas. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

Air Force-BRAC

Former
March
AFB

California

| | |
|---|---|
| | 12 |

| | |
|---|---|
| | 12 |

| | |
|---|---|
| | 76 - 9,666<br>ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | 4 |

| | |
|---|---|
| | 4 |

| | |
|---|---|
| | 553 -<br>3,195 ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination . Perform delineation of PFOS/PFOA in groundwater along the pathways to drinking water identified receptors. |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installatio**
**n**

State/Territory

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | **Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA** |

Air Force-BRAC

Former
Mather
AFB

California

| | |
|---|---|
| | 10 |

| | |
|---|---|
| | 9 |

| | |
|---|---|
| | 73 - 16,800 ppt PFOS+PFOA |

| | |
|---|---|
| | 11 |

| | |
|---|---|
| | 10 |

| | |
|---|---|
| | 79 - 672<br>ppt<br>PFOS+PF<br>OA |

| | | |
|---|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Areas. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. Installed granulated activated carbon to existing fire training area groundwater treatment system to mitigate PFOS/PFOA discharges. | |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Perform delineation of PFOS/PFOA in groundwater along the pathways to drinking water identified receptors. Installation of granulated activated carbon underway on Main Base groundwater treatment system to mitigate PFOS/PFOA. |

Air Force-BRAC

Former
McClellan
AFB

California

| | |
|---|---|
| | 17 |

| | |
|---|---|
| | 8 |

| | |
|---|---|
| | 90 - 348<br>ppt<br>PFOS+PF<br>OA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installatio**
**n**

State/Territory

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Actions Taken as of August 31, 20172** |
| | |

| | |
|---|---|
| | |
| | **Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA** |

Air Force-BRAC

Former
Myrtle
Beach
AFB

South
Carolina

| | |
|---|---|
| | 9 |

| | |
|---|---|
| | 9 |

| | |
|---|---|
| | 7,504 - 2,640,00 ppt PFOS+PFOA |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Areas. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

Air Force-BRAC

Former
Pease AFB

New
Hampshir
e

| | |
|---|---|
| | 229 |

| | |
|---|---|
| | 137 |

| | |
|---|---|
| | 70 - 479,500 ppt PFOS+PFOA |

| | |
|---|---|
| | 12 |

| | |
|---|---|
| | 10 |

| | |
|---|---|
| | 73 - 31,800 ppt PFOS+PFOA |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection. Received regulatory concurrence on the findings. Interim modification of existing Fire Training Area groundwater treatment systems with granulated activated carbon to mitigate PFOS/PFOA discharges. Designed groundwater treatment systems for a Fire Training Area and aircraft crash site to prevent migration of groundwater above the LHA to drinking water wells. |

| | |
|---|---|
| | Perform delineation of PFOS/PFOA in groundwater along the pathways to drinking water identified receptors. Install interim groundwater mitigation systems at Fire Training Area site and aircraft crash site to prevent migration of groundwater above the LHA to drinking water wells. |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

| | |
|---|---|
| | |
| | Installatio<br>n |

| | |
|---|---|
| | |
| | State/Territory |

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |

Air Force-BRAC

| | |
|---|---|
| | Former Plattsburgh AFB |

| | |
|---|---|
| | New York |

| | |
|---|---|
| | 22 |

| | |
|---|---|
| | 31 |

| | |
|---|---|
| | 258 - 1,045,000 ppt PFOS+PFOA |

| | |
|---|---|
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Perform delineation of PFOS/PFOA in groundwater along the pathways to drinking water identified receptors. |

Air Force-BRAC

| | |
|---|---|
| | Former Richards-Gebaur AFB |

| | |
|---|---|
| | Missouri |

| | |
|---|---|
| | 4 |

| | |
|---|---|
| | 4 |

| | |
|---|---|
| | 3,103 - 372,300 ppt PFOS+PFOA |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Follow the CERCLA process for future investigative and cleanup activities. |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

| | |
|---|---|
| | |
| | Installatio<br>n |

| | |
|---|---|
| | |
| | State/Territory |

| | |
|---|---|
| | On-base Groundwater Monitoring Wells |
| | Total Number Sampled |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | |
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | **Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA** |

| | |
|---|---|
| Air Force-BRAC | |
| | **Totals:** |

| | |
|---|---|
| | Former Wurtsmith AFB |

| | |
|---|---|
| | Michigan |

| | |
|---|---|
| | 63 |
| | **933** |

| | |
|---|---|
| | 5 |
| | **670** |

| | |
|---|---|
| | 88 - 810,000 ppt PFOS+PFOA |
| | |

| | |
|---|---|
| | |
| | 89 |

| | |
|---|---|
| | |
| | **49** |

| | |
|---|---|
| | |
| | |

| | |
|---|---|
| | Completed basewide Preliminary Assessment and completed the site inspection at the Fire Training Area. Received regulatory concurrence on the findings. Initiated Site Inspections of other AFFF areas identified in Preliminary Assessment. Installed groundwater treatment system to mitigate PFOS/PFOA discharges into Clark's Marsh, mitigating fish tissue accumulation in accordance with State requirements. |
| | |

| | |
|---|---|
| | Complete Site Inspection including determination whether drinking water supplies are impacted. Perform delineation of PFOS/PFOA in groundwater along the pathways to drinking water identified receptors. Add granulated activated carbon to existing groundwater treatment systems to mitigate PFOS/PFOA discharges. |
| | |

| Air Force Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**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), pro

Defense Logisitic Agency

**ry of DoD Testing of Groundwater Monitoring Wells and Actions Taken where Results were above the EPA LHA for PFO**

| | |
|---|---|
| | |
| | **Installatio n** |

viding alternative drinking water, adding an activated carbon filter to the well, and blending water systems.

**S/PFOA**

| | |
|---|---|
| | |
| | State/Territory |

On-base Groundwater Monitoring Wells

| | |
|---|---|
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |
| | **Total Number Sampled** |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | |
| | |
| | **Range of Results above EPA LHAs (ppt)** |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |

ARMY

| Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

| | |
|---|---|
| | |
| | **Installation** |

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems Total Number Tested |
| --- | --- |

| | | |
|---|---|---|
| | | |
| | | |
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

**Actions Taken as of August 31, 20172**

| | |
|---|---|
| | |
| | |
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | |
|---|---|
| | Non-DoD Purveyor Drinking Water Systems |
| | Total Number Tested |

| | | |
|---|---|---|
| | | |
| | | |
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| | |
|---|---|
| | |
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | |
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

Army

81st RSC:
E. Earle
Rives
AFRC

North
Carolina

| | | |
|---|---|---|
| | | |

| | |
|---|---|
| | |

| | |
|---|---|
| | 1 |

| | | |
|---|---|---|
| | 1 | <40-90 |

| | |
|---|---|
| | PFOS per 2014 Consumer Confidence Report. The results reported were the range of PFOS/PFOA added together. The public water system did not report exceedances due to compliance averaging of all test results. |

Army

| | |
|---|---|
| | 99th RSC Martinsburg Memorial USARC |

West
Virginia

| | | |
|---|---|---|
| | | |

| | |
|---|---|
| | |

| | |
|---|---|
| | 1 |

| | | |
|---|---|---|
| | 1 | 0-79/0-71 |

| | | |
|---|---|---|
| | The results reported were the range of PFOS/PFOA in 2014, and the public water system is not reporting exceedances to users due to compliance averaging of all test results. | |

Army

| | |
|---|---|
| | Fort Hunter Liggett |

California 1

| | | |
|---|---|---|
| | 1 | PFOS = 120 |

| | |
|---|---|
| Initial & confirmatory sampling conducted throughout the water system (Nov 16-Feb 17). One well at Fort Hunter Liggett exceeded the LHA for PFOS and has been taken offline. Garrison anticipates having enough volume with 3 operational wells & presumes no need to move forward with additional mitigation and/or GAC treatment for drinking water. Consumer notification conducted 02 Mar 17. Implemented recurring sampling/analysis. | |

| | |
|---|---|
| | Preliminary Assessment (PA) and/or Site Inspection (SI) - Q1 FY18 |

| | | |
|---|---|---|
| | | |

Army

**Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs1**

Ft.
Leavenwo
rth

Kansas

1

| | | |
|---|---|---|
| | | PFOA + PFOS combined = 97-649 |
| | 1 | |
| | | |

| | | |
|---|---|---|
| | American Water owns this system with the wells located on Army property. Two of the system wells were above the LHA and taken off-line. The consumer notification was conducted 06 Mar 17. The remaining wells support the installation current water needs. Army is exploring future options, that includes finding another ground water source, adding GAC, or connecting to local municipality. | |

| | |
|---|---|
| | Contract award to study new source well - late Sep 17. Preliminary Assessment (PA) and/or Site Inspection (SI) - Q1 FY18 |
| | |

**DoD Component**

| | |
|---|---|
| | **Installation** |

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems Total Number Tested |
| --- | --- |

| | | |
|---|---|---|
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

**Actions Taken as of August 31, 20172**

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | Non-DoD Purveyor Drinking Water Systems |
|---|---|
| | Total Number Tested |

| | | |
|---|---|---|
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

Army

| | |
|---|---|
| | JB Lewis-McChord: Fort Lewis Cantonment |

Washingt
on 4

| | | |
|---|---|---|
| | 4 | Golf Course: PFOA + PFOS combined = 76-78 JBLM/Main North: PFOA + PFOS combined = 81-87 JBLM Range 17: PFOA + PFOS combined = 72-88 McChord Field: PFOA + PFOS combined = 76-250 |

| | |
|---|---|
| Initial, confirmatory and subsequent sampling conducted at multiple systems/wells (Jul 16-Apr 17). Wells exceeding the LHA taken off line. The remaining wells are being used to supply water until a treatment system can be installed. USACE contract working to provide GAC treatment at 5 sites: North Well, South Well, East Well, Housing Well #2, Golf Course Well #22. Consumer notification conducted 02 Mar 17. Implemented recurring sampling/analysis. | |

| | |
|---|---|
| | Award contract to install GAC treatment units at 5 sites: North Well, South Well, East Well, Housing Well #2, Golf Course Well #22 - late Sep 17. Preliminary Assessment (PA) and/or Site Inspection (SI) - Q1 FY18 |

| | | |
|---|---|---|
| | | |

Army

| | |
|---|---|
| | Soto Cano<br>AB, HN |

Honduras 1

| | | |
|---|---|---|
| | 1 | PFOA + PFOS combined = 72.5-82.9 |

| | |
|---|---|
| Initial, confirmatory and subsequent sampling conducted at multiple wells (Dec 16-Feb 17). Bottled water is routinely used throughout the installation, except at DFAC (for ice, coffee, tea, etc.); larger carbon filter installed to accommodate the flow rate servicing DFAC; subsequent confirmation sample indicated PFOA/PFOS <LHA at DFAC prep sink; except at DFAC, bottled water will remain the norm for consumption. Implemented recurring sampling/analysis. Consumer notification conducted 09 Mar 17. Implemented recurring sampling/analysis. | |

| | | |
|---|---|---|
| | | |

Army

**Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs1**

USAG
Daegu, KR
Camp
Carroll

Korea 1

| | | |
|---|---|---|
| | 1 | PFOA + PFOS combined = 76-1,066 |
| | | |

| | |
|---|---|
| Initial, confirmatory and subsequent sampling conducted at multiple wells (Nov 16-Feb 17). Individual system wells with results above the LHA taken off line; currently providing water from wells that have test results below the LHA. USACE contract awarded 20 Mar 17 to install GAC treatment. Consumer notification conducted 07 Mar 17. Implemented recurring sampling/analysis. | |

| | |
|---|---|
| | Completion of installation GAC treatment system(s) |
| | |

**DoD Component**

| | |
|---|---|
| | **Installation** |

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems Total Number Tested |
| --- | --- |

| | | |
|---|---|---|
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

**Actions Taken as of August 31, 20172**

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | Non-DoD Purveyor Drinking Water Systems |
|---|---|
| | Total Number Tested |

| | | |
|---|---|---|
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

Army

| | |
|---|---|
| | USAG<br>Daegu, KR<br>Camp<br>Walker |

Korea 1

| | | |
|---|---|---|
| | 1 | PFOA + PFOS combined = 91-789 |

| | |
|---|---|
| Initial, confirmatory and subsequent sampling conducted at multiple wells (Nov 16-Feb 17). System wells with results above the LHA taken off line; currently providing water from local municipality (test results below LHA - PFOA + PFOS combined = 10). USACE contract awarded 20 Mar 17 to install GAC treatment. Consumer notification conducted 07 Mar 17. Implemented recurring sampling/analysis. | |

| | |
|---|---|
| | Completion of installation GAC treatment system(s) |

| | | |
|---|---|---|
| | | |

Army

| | |
|---|---|
| | USAG Red Cloud, KR: Camp Red Cloud |

Korea 1

| | | |
|---|---|---|
| | 1 | PFOA + PFOS combined = 171-466 |

| | |
|---|---|
| Initial, confirmatory and subsequent sampling conducted at multiple wells (Nov 16-Jan 17). Entire system taken off line; initially switching to municipal water. After conducting additional sampling, 3 wells indicated PFOA/PFOS results below the LHA. Because the camp is scheduled for closure within the next 18 months, the solution is to use the wells producing water below LHA supplemented with municipal water; no further mitigation/treatment planned. Consumer notification conducted 07 Mar 17. Implemented recurring sampling/analysis. | |

| | |
|---|---|
| | Continue to use Army system wells producing water below LHA supplemented with municipal water until camp closure |

| | | |
|---|---|---|
| | | |

| | |
|---|---|
| | |

Army

| | |
|---|---|
| | USAG Red Cloud, KR: Camp Stanley |

Korea 1

| | | |
|---|---|---|
| | 1 | PFOA + PFOS combined = 80-1,061 |

| | |
|---|---|
| Initial, confirmatory and subsequent sampling conducted at multiple wells (Nov 16-Jan 17). Entire system taken off line; initially switching to municipal water. After conducting additional sampling, 2 wells indicated PFOA/PFOS results below the LHA. Because the camp is scheduled for closure within the next 18 months, the solution is to use the wells producing water below LHA supplemented with municipal water; no further mitigation/treatment planned. Consumer notification conducted 07 Mar 17. Implemented recurring sampling/analysis. | |

| | |
|---|---|
| | Continue to use Army system wells producing water below LHA supplemented with municipal water until camp closure |

| | | |
|---|---|---|
| | | |

| |
|---|
| Army |
| **Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs1** |
| **DoD Component** |

USAG Benelux - Caserne Daumerie, BE

**Installation**

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems |
| --- | --- |
| Belgium | |

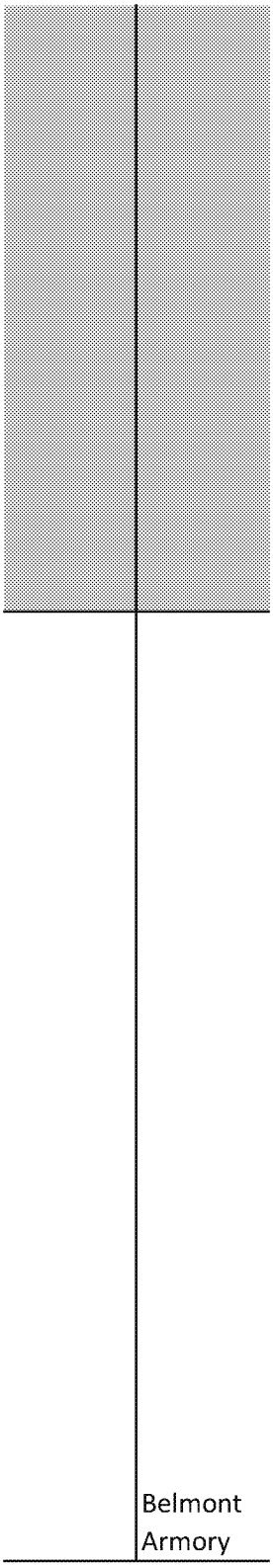
| | |
|---|---|
| | 1 |
| | |
| | Non-DoD Purveyor Drinking Water Systems |

| | | |
|---|---|---|
| | 1 | PFOA + PFOS combined = 84-94 |
| | | |
| | | |

| | |
|---|---|
| | Purchased water - Initial and confirmatory sampling conducted (Mar 17-May 17). Using bottled water. Consumer notification conducted 14 Jul 17. |
| | |
| | |

| | |
|---|---|
| | Continued use of bottled water until closure/transfer in 6-9 months |
| | |
| | |

Army


Belmont
Armory

| | Total Number Tested |
|---|---|
| Michigan | 1 |

| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |
|---|---|---|
| | 1 | 86-96.8 |

| Actions Taken as of August 31, 20172 |
| --- |
| MIARNG spoke with potential responsible party (PRP) representative about filter systems and long term maintenance. Bottled water has been supplied to armory personnel by MIARNG and PRP. |

| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |
|---|---|
| | MIARNG is waiting for response from PRP, exploring filter system options, and working with state agencies toward resolution. |

| | Total Number Tested |
|---|---|
| | |

| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |
|---|---|---|
| | | |

| | |
|---|---|
| | **Actions Taken as of August 31, 20172** |
| | |

| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |
|---|---|
| | |

Army

**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), prov

| | |
|---|---|
| | El Campo |
| | |

viding alternative drinking water, adding an activated carbon filter to the well, and blending water systems.

Texas 1

| | | |
|---|---|---|
| | 1 | 79 |
| | | |

Well is designated as non-potable. Bottled water is being provided for an alternate drinking water supply. A Granular Activated Carbon Filter System installed and confirmation sampling conducted in August 2017.

| | |
|---|---|
| | Additional sampling will be conducted in November 2017 and February 2018 to determine if filtration system is reducing drinking water below the LHA. If sampling results determine the water source is below the LHA, bottled water usage will be discontinued and the water well reestablished as potable. |
| | |

| | | |
|---|---|---|
| | | |
| | | |

| | |
|---|---|
| | |
| | |

| Summary of DoD Testing Drinking Water Systems Off-Installation and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

Installation

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems Total Number Tested |
|---|---|

| | | |
|---|---|---|
| | | |
| | | |
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| | |
|---|---|
| | |
| | |
| | Actions Taken as of August 31, 20172 |

| | |
|---|---|
| | |
| | |
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

| | |
|---|---|
| | Off-base Public and Private Drinking Water Systems |
| | Total Number Tested |

| | | |
|---|---|---|
| | | |
| | | |
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

**Actions Taken as of August 31, 20172**

| | |
|---|---|
| | |
| | |
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

Army

**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), prov

Camp Grayling Joint Maneuver
Training Center

viding alternative drinking water, adding an activated carbon filter to the well, and blending water systems.

Michigan

| | | |
|---|---|---|
| | | |

| | |
|---|---|
| | 188 |

| | | |
|---|---|---|
| | 4 | 70-188 |

| | | |
|---|---|---|
| | Residential drinking water wells were sampled downgradient of the Camp Grayling Airfield where groundwater samples indicated PFOS/PFOA results > LHA. The Michigan DHHS paid for aquasana drinking water filter systems under counter faucet 3 stage max flow and local Health Dept. had them installed in any home with PFOS/PFOA detections. 42 systems have been installed. An additional 14, purchased by local Health were installed by home owners. | |

| | |
|---|---|
| | The Michigan DEQ has been funded to conduct off post residential sampling and hydrologic study. The DHHS and local Health Dept. will continue to purchase filter systems and install them as needed or requested by home owners. Michigan DEQ is continuing to expand the area of drinking water sampling to the east side of the airfield. Numbers of wells are TBD. |

| Army Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installati**
**on**

**State/Territory**

| | |
|---|---|
| **On-base Groundwater Monitoring Wells** | |
| **Total Number Sampled**<br>47 | **Number that Tested above the EPA LHAs1**<br>13 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |
| | 87-2650 |

| | | |
|---|---|---|
| | | Off-base Groundwater Monitoring Wells |
| | Total Number Sampled | |

| | |
|---|---|
| | **Number that Tested above the EPA LHAs1** |

| | | |
|---|---|---|
| | | |
| | | |
| | **Range of Results above EPA LHAs (ppt)** | |

| Actions Taken as of August 31, 20172 | Key Actions Planned for FY 2018 and Beyond |
| --- | --- |

Army - Active/ARNG

Army - BRAC

Mtc-H
Camp
Grayling3

Devens3

Michigan

Massachu
setts

72

| | |
|---|---|
| | |
| | 32 |

| | |
|---|---|
| | |
| | 77-19000 |

| | |
|---|---|
| Installation-wide PA awarded 8/11/17; MDEQ has provided below the sink filtration to off-post residents affected by PFAS in drinking water and has taken lead in off post investigation. | ARNG will proceed with PA and SI on installation while MDEQ continues an off-post groundwater investigation to better understand nature and extend of PFAS impacted groundwater and possible other sources; weekly coordination with MDEQ continues; ARNG award of Grayling Army Airfield RI is planned for on- post in FY18. |
| Completed PA/SI | Results of SI sampling are being shared and coordinated with MaDEP. RI/FSs are expected to begin in FY18. |

| |
|---|
| Army - Active |
| Army - Active |
| **Army Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1** |
| **DoD Component** |

Fort
Drum

Fort
McCoy

**Installati**
**on**

New York

Wisconsin

**State/Ter
ritory**

| | |
|---|---|
| 24 | 10 |
| 27 | 16 |
| | |
| **On-base Groundwater Monitoring Wells** | |

| | |
|---|---|
| | 128 to >15,000 |
| | 81 - 120,000 |
| | |
| | |

| | |
|---|---|
| | |
| | |
| | |
| | Off-base Groundwater Monitoring Wells |

| | |
|---|---|
| Initiated basewide PA | Complete Basewide CERCLA Preliminary Assessment/Conduct CERCLA Site Inspection at the fire training pit. |
| Conducted confirmation sampling | Conduct CERCLA Preliminary Assessment |
| | |
| **Actions Taken as of August 31, 20172** | **Key Actions Planned for FY 2018 and Beyond** |

Army

Fort
Meade

Maryland

| Total Number Sampled | Number that Tested above the EPA LHAs1 |
| --- | --- |
| | |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | |

| | Total Number Sampled |
|---|---|
| | 4 |

| | Number that Tested above the EPA LHAs1 |
|---|---|
| | 4 |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | 300-87,000 |

| | |
|---|---|
| 1) Sampled six (6) Fort Meade drinking water supply wells (Non-detect) Sampled 4 GW wells on former Army Property<br>2) Provided sampling results verbally to EPA/MDE<br>3) Recommended five-year sampling in conjunction with Groundwater Operable Unit Final 5YR per Army policy for open sites | 1) October 2018 - submit sampling results FACT SHEET to stakeholders |

Army - BRAC

Fort Ord

California

| | |
|---|---|
| 8 | 2 |

| | |
|---|---|
| | 120 - 334 |

| | |
|---|---|
| | |

| | |
|---|---|
| PFOS/PFOA was sampled at OU1, results as indicated. The regulatory agencies agreed to close OU-1 and approved the demolition of all OU1 remaining GW wells and the Northwest Treatment System without any futher action on PFOA/PFOS because the groundwater has existing restrictions and is not migrating off post. The demolition activity was completed in July 2017. | 1) The draft OU1 Closeout Report is currently under review by the regulatory agencies and waiting for approval.<br>2) One additional sampling event is planned for the groundwater monitoring wells at OU2 to screen for PFOA/PFOS in FY18. Any future activities will be based on the sampling results. |

| Army Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

**Installati**
**on**

**State/Territory**

| | | |
|---|---|---|
| | On-base Groundwater Monitoring Wells | |
| Total Number Sampled | | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| | | |
|---|---|---|
| | | |
| | | Off-base Groundwater Monitoring Wells |
| | Total Number Sampled | |

| | |
|---|---|
| | Number that Tested above the EPA LHAs1 |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |

| Actions Taken as of August 31, 20172 | Key Actions Planned for FY 2018 and Beyond |
| --- | --- |

Army - Active

Letterken
ny Army
Depot

Pennsylva
nia

| | |
|---|---|
| 24 | |

| | |
|---|---|
| 6 | 82 - 2,069 |

| | |
|---|---|
| | 3 |

| | |
|---|---|
| | 0 |

| | |
|---|---|
| | |

| | | |
|---|---|---|
| Iniital sampling was completed in 2013 and compared to the 2009 provisional health adviosry. Sampling was repeated in 2017 at locations where results were above the 2009 provisional health advisory. | | Another round of sampling at 16 onpost wells in early FY 18. Most likely site will proceed to RI/FS. |

Army - BRAC

**Army Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1**

North
Penn U.S.
Army
Reserve
Center

Pennsylva
nia

5

4

70 to 276

1

1

| | |
|---|---|
| | 110 |

| | | |
|---|---|---|
| Tested 5 on-post ground water monitoring wells with 4 detections at or above EPA LHA (Jun 16).<br>Tested four nearby homes wells that use groundwater(Apr 17). One detection in agricultural well over EPA LHA (110 ppt). | | Sept 17: Sampled two groundwater monitoring wells exceeded EPA LHA (21,391 and 33,131 ppt).<br>Plan in Oct 17 resample the two groundwater wells. Additional sampling to be coordinated with PADEP and Township. |

| DoD Component |
| --- |
| Army - BRAC |
| **Totals:** |

**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), prov

3: This installation is not one of the 61 Army installations with one or more areas where there is a known or suspected re

**Installati on**

Seneca Army Ammuniti on Plant3

Former McClellan AFB
Former Myrtle Beach AFB
Former Pease AFB
Former Plattsburgh AFB

/iding alternative drink
lease of PFOS or PFOA

| State/Territory |
| --- |
| New York |

| On-base Groundwater Monitoring Wells | |
|---|---|
| **Total Number Sampled** | **Number that Tested above the EPA LHAs1** |
| 43 | 16 |
| **178** | **67** |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | 580-89,000 |
| | **70 - 120,000** |

| | |
|---|---|
| | Off-base Groundwater Monitoring Wells |
| | Total Number Sampled |
| | |
| | 80 |

| | |
|---|---|
| | Number that Tested above the EPA LHAs1 |
| | |
| | 37 |

| | |
|---|---|
| | |
| | Range of Results above EPA LHAs (ppt) |
| | |
| | 77 - 19,000 |

| Actions Taken as of August 31, 20172 | Key Actions Planned for FY 2018 and Beyond |
|---|---|
| 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. |
| | |

Former Richards-Gebaur AFB
Former Wurtsmith AFB

## DoD Component Summary

**Number of Installations and Drinking Water Systems Tested for Perfluorooctane Sulfonate (PFOS) Perfluorooctanoic A**

| Summary of DoD Drinking Water Systems |
| --- |
| |
| DoD Component |

cid (PFOA)

| | | | |
|---|---|---|---|
| | Number of Installations in US/Territories/Overseas1 | Number of DoD Drinking Water Systems for DoD Installations | |

| | | |
|---|---|---|
| | Number of DoD Drinking Water Systems Tested by Either DoD or the non-DoD Purveyor | Number of DoD Drinking Water Systems Tested Where PFOS/PFOA > EPA LHA3 |

| | |
|---|---|
| **Army** | |
| **Navy** | |
| **USMC** | |
| **Air Force** | |
| **DLA** | |
| **DoD Totals** | |

**Footnotes:**

1: Includes Guard and Reserve facilities.

2: Non-DoD purveyor tested most of these systems so far as required under the EPA's Unregulated Contaminant Monitor

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

The information included in the table above is current as of August 31, 2017.

| | | Do D Pur vey or | | Non-DoD Purve yor |
|---|---|---|---|---|
| | 2,905 | 255 | | 2,738 |
| | 108 | 100 | | 236 |
| | 68 | 28 | | 52 |
| | 177 | 140 | | 134 |
| | 8 | 1 | | 7 |
| | **3,266** | **524** | | **3,167** |

ing Rule 3 or per request from DoD. For systems not tested, the DoD Components are assessing on a case-by-case ba

| | DoD Purveyor | Non-DoD Purveyor 2 | DoD Purveyor |
|---|---|---|---|
| | 255 | 1,589 | 12 |
| | 100 | 236 | 5 |
| | 28 | 52 | 1 |
| | 140 | 134 | 6 |
| | 1 | 7 | 0 |
| | **524** | **2,018** | **24** |

sis to determine if the systems may be impacted and r

Moody AFB
Patrick AFB
Peterson AFB
Robins AFB
Tinker AFB
Travis AFB
Horsham
Former Bergstrom AFB
Former Castle AFB
Former Chanute AFB
Former England AFB
Galena Forward Operating Location
General Mitchell Air Reserve Station
Former George AFB

Former Grissom AFB
Former Kelly AFB
Former K.I. Sawyer AFB
Former Loring AFB
Former March AFB
Former Mather AFB
Former McClellan AFB
Former Myrtle Beach AFB
Former Pease AFB
Former Plattsburgh AFB
Former Richards-Gebaur AFB
Former Wurtsmith AFB

| Non-DoD Purveyor |
| --- |
| 4 |
| 1 |
| 2 |
| 5 |
| 0 |
| **12** |

NAVY

| Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

| | |
|---|---|
| | |
| | **Installation** |

Navy

| | |
|---|---|
| | NAS<br>Oceana -<br>NALF<br>Fentress |

Navy

| | |
|---|---|
| | NSA Monterey - Naval Radio Transmitter Facility Dixon |

Navy

| | |
|---|---|
| | NSF Diego Garcia |

Navy

**Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs1**

Weapons
Station
Seal
Beach-
NOSC
Moreno

**DoD Component**

| | |
|---|---|
| | **Installation** |

USMC

| | |
|---|---|
| | Marine Forces Reserve (MARFOR RES)- Marine Corps Reserve Training Center (MCRTC) Stewart |

USMC

**Summary of Testing for DoD Drinking Water Systems and Actions Taken where Results were Above the EPA LHAs1**

MARFORRES-MCRTC Wilmington

**DoD Component**

| | |
|---|---|
| | **Installation** |

USMC

**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), prov

| | |
|---|---|
| | MCB Camp Pendleton (South) |
| | |
| | |

viding alternative drinking water, adding an activated carbon filter to the well, and blending water systems.

| Summary of Testing Drinking Water Systems Off-Installation and Actions Taken where Results were Above the EPA LHAs1 |
| --- |
| DoD Component |

Installation

| |
|---|
| Navy |
| Navy - BRAC |

| |
|---|
| Naval Base Kitsap - NARL Barrow |
| Agana |

Navy

Navy

| |
|---|
| NAS Oceana - NALF Fentress |
| NAS Whidbey Island - Ault Field (Private) |

| |
|---|
| Navy |
| Navy |
| Navy |

| |
|---|
| NAS Whidbey Island - OLF Coupeville (Private) |
| NAS Whiting Field (Main Base) |
| NMC Earle |

Navy - BRAC

Navy - BRAC

Navy - BRAC

Navy - BRAC

| |
|---|
| Warminster (Private) |
| Warminster (Public) |
| Willow Grove (Private) |
| Willow Grove (Public) |

| |
|---|
| USMC |

**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), prov

| **Navy/USMC Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1** |
|---|
| **DoD Component2** |

MCLB
Barstow

Patrick AFB
Peterson AFB
viding alternative drinl Robins AFB

**Installati**
**on**

| |
|---|
| Navy - BRAC |
| Navy - BRAC |
| Navy - Active |
| Navy - BRAC |
| Navy - Active |
| Navy - Active |

Agana

Alameda

Amchitka
Alaska

Annapolis

Barrow

Bedford
Massachu
setts
Naval
Weapons
Industrial
Reserve
Plant

| |
|---|
| Navy - BRAC |
| Navy - Active |
| Navy - Active |
| Navy - Active |
| Navy - Active |
| Navy - Active |
| Navy - BRAC |

Brunswick

Calverton

Chesapeake Beach

China Lake

Corpus Christi Texas Naval Air Station Cutler

Dallas

**Navy/USMC Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1**

**DoD Component2**

Navy - Active

**Installati**
**on**

Earle

| |
|---|
| Navy - Active |
| Navy - Active |
| Navy - Active |
| Navy - BRAC |
| Navy - Active |
| Navy - Active |
| Navy - Active |

Gulfport

Jacksonville

Meridian

Millington

Naval Air Station Whidbey Island (Ault field)

Naval Air Station Whidbey Island (OLF Coupeville)

Naval Auxiliary Landing Field Fentress (Oceana)

| |
|---|
| Navy - Active |
| Navy - Active |
| Navy - Active |
| **Navy/USMC Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1** |
| **DoD Component2** |

NAS
Oceana

Newport

Norfolk
Virginia
Naval
Base

**Installatio**
**n**

| |
|---|
| Navy - Active |
| Navy - Active |
| Navy - Active |
| Navy - Active |
| Navy - Active |
| Navy - BRAC |
| Navy - BRAC |
| Navy - BRAC |
| Navy - BRAC |

NAS Pensacola (Outlying Landing Field Bronson

Pensacola

Port Hueneme

Portsmouth Naval Shipyard

NAS Pensacola; OLF Saufley Field

South Weymouth

Treasure Island

Trenton

Warminster

| |
|---|
| Navy - BRAC |
| Navy - BRAC |
| **Navy Subtotals:** |
| **Navy/USMC Installations where DoD Sampled Groundwater Monitoring Wells and Actions Taken where Results were Above the EPA LHAs1** |
| **DoD Component2** |

White Oak - Naval Surface Warfare Center Dahlgren Division Detachment (Silver Spring)

Willow Grove

**Installation**

| |
|---|
| |
| USMC - Active |
| USMC - BRAC |
| USMC - BRAC |
| USMC - Active |
| USMC - Active |

Barstow

El Toro
Marine
Corps Air
Station

Tustin

Twentyni
ne Palms

Yuma

| | |
|---|---|
| | **USMC Subtotals:** |
| **Navy/USMC Totals:** | |

**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

3: Examples of actions taken include but are not limited to: sampling and analysis, retesting, shutting down a well(s), prov

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

Corps.
viding alternative drinking water, adding an activated carbon filter to the well, and blending water systems.
e.

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems |
| --- | --- |
| | Total Number Tested |

| | |
|---|---|
| Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| |
|---|
| |
| **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | |
|---|---|
| Virginia | 1 |

| | |
|---|---|
| 1 | 2,800-<br>4,900 |

| | |
|---|---|
| Drinking water sampling and analysis. Navy provided alternative drinking water, upgraded wastewater treatment plant, design/construction for water treatment plant. | |

| | |
|---|---|
| | Anticipating that the drinking water system will be approved for operation by the state in late 2017. Will continue to monitor finished water for PFOS/PFOA as required for operation and maintenance of the system. |

California 1

| | |
|---|---|
| 1 | 260 |

Drinking water sampling and analysis. Navy is providing alternative drinking water. System was retested and regional water quality board was notified.

| | |
|---|---|
| | Will continue to track issues as the state investigates the source. Continue to provide alternate water to the installation. |

Diego
Garcia

5

| | |
|---|---|
| 3 | 77-5,849 |

| | |
|---|---|
| Alternate drinking water was already being provided due to other contaminants. Installation drinking water system reconfiguration in 2017, which changed the total number of systems and the number affected. A new treatment plant was installed for the Main System and the Deep Draft Wharf System had minor repair/reconfigurati on performed. Deep Draft Wharf tested below the LHA since Dec. 2017 and the Main System tested below the LHA in July 2017. | |

| | |
|---|---|
| | Continued monitoring for PFOS and PFOA at the two impacted systems |

| | |
|---|---|
| California | N/A |

| | |
|---|---|
| N/A | N/A |
| | |

None required, consecutive system receiving water that has been tested by supplier.

| | |
|---|---|
| | None<br>Required |
| | |

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems |
| --- | --- |
| | Total Number Tested |

| | |
|---|---|
| Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| |
|---|
| |
| **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | |
|---|---|
| New York | N/A |

| | |
|---|---|
| N/A | N/A |

| | |
|---|---|
| | |
| None required; consecutive system receiving water that has been tested by supplier. | |

| | |
|---|---|
| | None<br>Required |

| | |
|---|---|
| Delaware | N/A |

| | |
|---|---|
| N/A | N/A |

None required; consecutive system receiving water that has been tested by supplier.

| | |
|---|---|
| | None<br>Required |

| State/ Territory/ Overseas Location | DoD Purveyor Drinking Water Systems |
| --- | --- |
| | Total Number Tested |

| | |
|---|---|
| Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| |
|---|
| |
| **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | |
|---|---|
| California | 1 |
| | |
| | |

| | |
|---|---|
| 1 | 77 |
| | |
| | |

| | |
|---|---|
| -One sample exceeded the PFOS/PFOA combined Health Advisories Level.<br>-The affected reservoir was drained and replaced with water from another source.<br>-Resampling confirmed levels below the Health Advisories Level in the current water supply and levels slightly above the Health Advisories Level in the well taken out of service. Installation will continue to monitor the system. | |
| | |
| | |

| | |
|---|---|
| | Installation will continue to monitor the system. |
| | |
| | |

| State/ Territory/ Overseas Location | | DoD Purveyor Drinking Water Systems | Total Number Tested |
|---|---|---|---|

| | | |
|---|---|---|
| | | |
| | | |
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| | |
|---|---|
| | |
| | |
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | |
| | **Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA** |

| | |
|---|---|
| | |
| | Off-base Public and Private Drinking Water Systems |
| | Total Number Tested |

| | | |
|---|---|---|
| Alaska | | N/A |
| Guam | | N/A |

| | | |
|---|---|---|
| | N/A | N/A |
| | N/A | N/A |

| | |
|---|---|
| | Not an active installation |
| | N/A |

| | |
|---|---|
| | None<br>Required |
| | N/A |

| | |
|---|---|
| | 5* |
| | 12 |

| | | |
|---|---|---|
| Virginia | | N/A |
| Washington | | N/A |

| | | |
|---|---|---|
| | N/A | N/A |
| | N/A | N/A |

| | |
|---|---|
| | N/A - Navy owned drinking water system. |
| | There are no private wells on installation |

| | |
|---|---|
| | N/A |
| | None<br>Required |

| | |
|---|---|
| | 54 |
| | 103 |

| | | |
|---|---|---|
| Washington | | 2 |
| Florida | | 1 |
| New Jersey | | 1 |

| | | |
|---|---|---|
| | 0 | ND-17.5 |
| | 0 | N/A |
| | 0 | N/A |

| | |
|---|---|
| | Coupeville Trainer water system had detections below the LHA. |
| | None required |
| | The Navy tested one system at Earle and three other systems were tested by the supplier. There were no PFOS/PFOA detections at any of the systems |

| | |
|---|---|
| | None Required |
| | None Required |
| | None Required |

| | |
|---|---|
| | 100 |
| | 9 |
| | 28 |

| | | |
|---|---|---|
| Pennsylva nia | | N/A |
| Pennsylva nia | | N/A |
| Pennsylva nia | | N/A |
| Pennsylva nia | | N/A |

| | | |
|---|---|---|
| | N/A | N/A |
| | N/A | N/A |
| | N/A | N/A |
| | N/A | N/A |

| | |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |

| | |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |

| | |
|---|---|
| | 345 |
| | 17 |
| | 492 |
| | 14 |

| | |
|---|---|
| California | 2 |
| | |

| |
|---|
| |
| **State/Territory** |

| | | |
|---|---|---|
| | 0 | N/A |
| | | |

| | |
|---|---|
| | **On-base Groundwater Monitoring Wells** |

| | |
|---|---|
| | None required |
| | |

| | |
|---|---|
| | None Required |
| | |

| | |
|---|---|
| | **Off-base Groundwater Monitoring Wells** |

| | |
|---|---|
| | 2 |
| | |

Guam

California

Alaska

Maryland

Alaska

Massachu
setts

| | |
|---|---|
| | 5 |
| | 30 |
| | 1 |
| | 68 |
| | 5* (surface water) |
| | 8 |

| | Number that Tested above the EPA LHAs1 | Range of Results above EPA LHAs (ppt) |
|---|---|---|
| | 2 | 272 - 314 |
| | 16 | 112 - 336,000 |
| | 1 | 144 |
| | 54 | 70 - 70,000 |
| | 5* (surface water) | 143.6 - 262.3 |
| | 1 | 167 |

| | Total Number Sampled |
|---|---|
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |

| | Number that Tested above the EPA LHAs1 |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |

Maine

New York

Maryland

California

Texas

Maine

Texas

| | |
|---|---|
| | 139 |
| | 13 |
| | 18 |
| | 11 |
| | 14 |
| | 19 |
| | 22 |

| | | |
|---|---|---|
| | 70 | 71 - 24,000 |
| | 7 | 89 - 2700 |
| | Shallow GW: 9 Deep GW: 0 | 190 - 241,110 |
| | 7 | 3,800 - 8,000,000 |
| | 4 | 229 - 510 |
| | 4 | 161 - 350 |
| | 16 | 70 - 1,247,000 |

| | |
|---|---|
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |

| | |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |

| |
|---|
| |
| **State/Territory** |
| New Jersey |

| | |
|---|---|
| | **On-base Groundwater Monitoring Wells** |
| | |
| | |

| | Number that Tested above the EPA LHAs1 | Range of Results above EPA LHAs (ppt) |
|---|---|---|
| | 13 | 70 - 228 |

| | |
|---|---|
| | Off-base Groundwater Monitoring Wells |
| | Total Number Sampled |
| | 0 |

| | |
|---|---|
| | |
| | |
| | Number that Tested above the EPA LHAs1 |
| | N/A |

Mississipp
i

Florida

Mississipp
i

Tennesse
e

Washingt
on

Washingt
on

Virginia

| | |
|---|---|
| | 18 |
| | 17 |
| | 40 |
| | 4 |
| | 5 |
| | 27 |
| | 29 |

| | | |
|---|---|---|
| | 5 | 91 - 480 |
| | 17 | 3,410 - 1,397,120 |
| | 17 | 123 - 23,000 |
| | 2 | 70 - 1,238 |
| | 2 | 28,470 - 58,922 |
| | 2 | 70 - 1193.26 |
| | 17 | 80.8 - 52,900 |

| | |
|---|---|
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |

| | |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |

Virginia

Rhode Island

Virginia

**State/Territory**

| | |
|---|---|
| | 37 |
| | 58 |
| | 45 |
| | |
| | **On-base Groundwater Monitoring Wells** |

| | | |
|---|---|---|
| | 14 | 74 - 493,600 |
| | 20 | 95 - 20,420 |
| | 29 | 73 - 3,373 |
| | | |
| | | |

| | |
|---|---|
| | 0 |
| | 0 |
| | 0 |
| | |
| | **Off-base Groundwater Monitoring Wells** |

| | |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | |
| | |

Florida

Florida

California

Maine

Florida

Massachu
setts

California

New
Jersey

Pennsylva
nia

| | Total Number Sampled |
|---|---|
| | 23 |
| | 9 |
| | 4 |
| | 4 |
| | 14 |
| | 186 |
| | 3 |
| | 38 |
| | 97 |

| | Number that Tested above the EPA LHAs1 | Range of Results above EPA LHAs (ppt) |
|---|---|---|
| | 3 | 71.5 - 1,145 |
| | 9 | 84 - 126,300 |
| | 4 | 51,000 - 1,080,000 |
| | 1 | 139.68 |
| | 13 | 250 - 79,000 |
| | 109 | 71 - 256,000 |
| | 3 | 160 - 10,750 |
| | 23 | 178 - 27,800 |
| | 92 | 75 - 19,000 |

| | Total Number Sampled |
|---|---|
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 0 |
| | 1 |
| | 47 |

| | Number that Tested above the EPA LHAs1 |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | 1 |
| | 40 |

Maryland

Pennsylva
nia

**State/Ter
ritory**

| | |
|---|---|
| | 16 |
| | 161 |
| | **1,201** |
| | |
| | **On-base Groundwater Monitoring Wells** |

| | | |
|---|---|---|
| | 8 | 73.9 - 1,365 |
| | 108 | 70 - 86,000 |
| | **707** | **70 - 8,000,000** |
| | | |
| | | |

| | |
|---|---|
| | 0 |
| | 0 |
| | **48** |
| | |
| | **Off-base Groundwater Monitoring Wells** |

| | |
|---|---|
| | N/A |
| | N/A |
| | **41** |
| | |
| | |

California

California

California

California

Arizona

| | Total Number Sampled |
|---|---|
| | 37 |
| | 18 |
| | 3 |
| | 5 |
| | 29 |

| | Number that Tested above the EPA LHAs1 | Range of Results above EPA LHAs (ppt) |
|---|---|---|
| | 16 | 80 - 138 |
| | 6 | 77.6 - 3,826 |
| | 3 | 423 - 770,000 |
| | 2 | 318 - 440 |
| | 8 | 75 - 185 |

| | Total Number Sampled |
|---|---|
| | 0 |
| | 4 |
| | 0 |
| | 0 |
| | 0 |

| | Number that Tested above the EPA LHAs1 |
|---|---|
| | N/A |
| | 1 |
| | N/A |
| | N/A |
| | N/A |

| | |
|---|---|
| | **92** |
| | **1,293** |

| | | |
|---|---|---|
| | 35 | 75 - 770,000 |
| | 742 | 70 - 8,000,000 |

| | |
|---|---|
| | **4** |
| | **52** |

| | |
|---|---|
| | **1** |
| | **42** |

| Non-DoD Purveyor Drinking Water Systems | |
|---|---|
| Total Number Tested | Number that Tested above the EPA LHAs1 |

| Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) | Actions Taken as of August 31, 20172 |
|---|---|

| | |
|---|---|
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

| | |
|---|---|
| N/A | N/A |

| | |
|---|---|
| N/A | N/A |

| | |
|---|---|
| | N/A |

| | |
|---|---|
| N/A | N/A |

| | |
|---|---|
| N/A | Nearby county property tested their wells which are in a deeper aquifer and had no detections of PFOS/PFOA. No known source of contaminants on Navy property, state has been advised and is looking for potential sources. |

| | |
|---|---|
| | None required |

| | |
|---|---|
| N/A | N/A |

| | |
|---|---|
| N/A | N/A |

| | |
|---|---|
| | N/A |

| | |
|---|---|
| N/A | N/A |
| | |

| | |
|---|---|
| 125-135 | Navy confirmed that the Eastern Municipal Water District has taken the impacted well off line and NOSC Moreno is not being impacted. They are working with March Air Reserve Base to determine clean-up requirements. |
| | |

| | |
|---|---|
| | None required |
| | |

| Non-DoD Purveyor Drinking Water Systems | |
|---|---|
| Total Number Tested | Number that Tested above the EPA LHAs1 |

| Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) | Actions Taken as of August 31, 20172 |
|---|---|

| | |
|---|---|
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

| | |
|---|---|
| N/A | N/A |

| | |
|---|---|
| 140-170 | The Marine Corps has a Reserve Unit that is a tenant on the Stewart Air National Guard Base, who purchases water from City of Newburgh, NY. City of Newburgh, as of May 2016, has stopped using the contaminated water source and is connected to alternate water systems that are PFOS free. The current water provided (Catskill Aqueduct and Brown's Pond) meets all regulatory levels and are below the LHAs. Additionally, the State of NY has made this a state Superfund site (Air Force National Guard has the lead). |

| | |
|---|---|
| | All sampling & corrective actions were complete d by water supplier (not USMC) |

| | |
|---|---|
| N/A | N/A |

| | |
|---|---|
| PFOS: 130<br>1,800<br>PFOA: 140 | Artesian Water Company detected PFOS as a result of testing conducted under UCMR3 in 2014. Upon detection, Artesian discontinued the use of the wells where the contamination was identified. In 2015, Artesian installed new carbon filtration units and aeration equipment to remove the newly detected contaminant to levels of non-detect at Jefferson Farms treatment facility in New Castle County. |

| | |
|---|---|
| | All sampling & corrective actions were completed by water supplier (not USMC) |
| | |

| Non-DoD Purveyor Drinking Water Systems | |
|---|---|
| Total Number Tested | Number that Tested above the EPA LHAs1 |

| Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) | Actions Taken as of August 31, 20172 |
|---|---|

| | |
|---|---|
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

| | |
|---|---|
| N/A | N/A |
| | |
| | |

| | |
|---|---|
| N/A | |
| | |
| | |

| | |
|---|---|
| | None required |
| | |
| | |

| | | |
|---|---|---|
| | | |
| | | |
| | Number that Tested above the EPA LHAs1 | Results (PFOS/ PFOA) or Range above EPA LHAs (ppt) |

| | |
|---|---|
| | |
| | |
| | **Actions Taken as of August 31, 20172** |

| | |
|---|---|
| | |
| | |
| | Actions Planned after August 31, 2017, and Timeline to Implement the Actions to Reduce PFOS/PFOA Below LHA |

| | | |
|---|---|---|
| | 5* | 144 - 262 |
| | 5 | 88 - 410 |

| | |
|---|---|
| | *Surface water (Imikpuk Lake) sampled; serves as intermittent water source for hunters and village elders. |
| | Sampling conducted by Guam Waterworks Authority. Wells are treated with GAC. |

| | |
|---|---|
| | Continue investigation |
| | None required |

| | | |
|---|---|---|
| | 7 | 74 - 1,660 |
| | 2 | 140 - 3,823 |

| | |
|---|---|
| | Addressed current exposure. Bottled water to 6 residents (one property has 2 wells); installation of 5 point of entry treatment units and running pilot tests (1 resident has not agreed to treatment system). |
| | Addressed current exposure. Bottled water to two residents |

| | |
|---|---|
| | Continued monitoring of homes with treatment systems and continued bottled water to one resident, with additional requests to install a treatment system. |
| | Various options currently being evaluated; resolution likely will be residence-specific. |

| | | |
|---|---|---|
| | 7 | 130 - 660 |
| | 1 | 259 |
| | 2 | 70 - 228 |

| | |
|---|---|
| | Bottled water to 9 residents (2 of 7 wells serve 2 residents) |
| | Addressed current exposure. Bottled water to one resident |
| | Addressed current exposure. Bottled water supplied until connections to municipal water were completed. |

| | |
|---|---|
| | Various options currently being evaluated ; resolution likely will be residence-specific. |
| | Evaluate long-term solutions so resident does not have to stay on bottled water. |
| | No future actions for drinking water needed. |

| | | |
|---|---|---|
| | 65 | 71 - 1,800 |
| | 4 | 88 - 1,300 |
| | 92 | 72 - 8,100 |
| | 7 | 74 -1,000 |

| | |
|---|---|
| | Bottled water provided. Connection to Public water |
| | Environmental Services Cooperative Agreement (ESCA) with water authorities for Public well treatment |
| | Bottled water provided. Connection to Public water |
| | ESCA with water authorities for Public well treatment |

| | |
|---|---|
| | Continue to connect to Public water. Approximately 1 year from exceedance |
| | Provide Public well treatment. Approximately 1 year from ESCA finalization |
| | Continue to connect to Public water. Approximately 1 year from exceedance |
| | Provide Public well treatment. Approximately 1 year from ESCA finalization |

| | | |
|---|---|---|
| | 1 | 103 |
| | | |

| | |
|---|---|
| | Addressed current exposure. Bottled water to one resident at a rental property. Renter moved out; property currently vacant. |
| | |

| | |
|---|---|
| | **Actions Taken as of August 31, 20173** |

| | |
|---|---|
| | Continue monitoring |
| | |

| | |
|---|---|
| | |
| | **Key Actions Planned for FY 2018 and Beyond** |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |

| | |
|---|---|
| | Sampling Performed |
| | Sampling Performed |
| | Sampling Performed |
| | Sampling Performed |
| | Sampling performed |
| | Initiated PA/SI |

| | |
|---|---|
| | Notification of sampling results to property owner and/or regulatory stakeholders |
| | Notification of sampling results to property owner and/or regulatory stakeholders |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |

| | |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |

| | |
|---|---|
| | Sampling to support basewide RI |
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Sampling Performed |

| | |
|---|---|
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Conduct Affected Property Assessment Report (APAR) |

| | |
|---|---|
| | **Range of Results above EPA LHAs (ppt)** |
| | N/A |

| | |
|---|---|
| | **Actions Taken as of August 31, 20173** |
| | Completed off-base DW sampling; Mitigation of municipal water connection completed; initiated RI |

| | |
|---|---|
| | **Key Actions Planned for FY 2018 and Beyond** |
| | Continue CERCLA process |

| | |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |

| | |
|---|---|
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Sampling Performed |
| | Completed off-base DW sampling; providing alternative drinking water; initiated PA/SI |
| | Completed off-base DW sampling; providing alternative drinking water; initiated PA/SI |
| | Working with City to install off-base monitoring wells |

| | |
|---|---|
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Notification of sampling results to property owner and/or regulatory stakeholders |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |

| | |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | |
| | |

| | |
|---|---|
| | Completed off-base DW sampling; coordinating potential LUCs; initiated PA/SI |
| | Initiated PA/SI |
| | Initiated PA/SI |
| | |
| | **Actions Taken as of August 31, 20173** |

| | |
|---|---|
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | |
| | **Key Actions Planned for FY 2018 and Beyond** |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | N/A |
| | 112 |
| | 75 - 8,500 |

| | |
|---|---|
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Initiated PA/SI |
| | Sampling to support basewide RI |
| | Sampling Performed and Notification |
| | Sampling Performed |
| | Sampling to support basewide RI |

| | |
|---|---|
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA process |
| | Continue CERCLA Process (Evaluate in Five Year Review) |
| | Continue CERCLA process |
| | Continue CERCLA process |

| | |
|---|---|
| | N/A |
| | N/A |
| | **75 - 8,500** |
| | |
| | |

| | |
|---|---|
| | Sampling Performed |
| | Sampling to support basewide Remedial Investigation (RI) |
| | |
| | **Actions Taken as of August 31, 20173** |

| | |
|---|---|
| | Notification of sampling results to property owner and/or regulatory stakeholders |
| | Continue CERCLA process |
| | |
| | |
| | **Key Actions Planned for FY 2018 and Beyond** |

| | Range of Results above EPA LHAs (ppt) |
|---|---|
| | N/A |
| | 81.2 - 101.5 |
| | N/A |
| | N/A |
| | N/A |

| | |
|---|---|
| | Completed off-based DW sampling; providing alternative water supply; Initiated PA/SI |
| | Sampling Performed |
| | Sampling Performed |
| | Initiated PA/SI |
| | Initiated PA/SI |

| | |
|---|---|
| | Continue CERCLA process |
| | Notification of sampling results to property owner and/or regulatory stakeholders |
| | Notification of sampling results to property owner and/or regulatory stakeholders |
| | Continue CERCLA process |
| | Continue CERCLA process |

| | |
|---|---|
| | **81.2 - 101.5** |
| | **75 - 8,500** |

| | |
|---|---|
| | |
| | |

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|---|---|
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| | |

| Defense Logostics Agency Installations where DoD Sampled Groundwater Monitoring W | |
|---|---|
| **DoD Component2** | **Installatio** |
| DLA Energy | DFSP New |
| DLA Energy | DFSP Verc |
| | |
| | |
| **Footnotes:** | |

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

2: DLA Energy plans, programs, budgets, and executes investigation and cleanup of fuel releases through Defen

3: Examples of actions taken include but are not limited to: sampling and analysis, retesting, shutting down a wel

4: DLA Energy is working to close this site and return property to Air Force

| ells and Actions Taken where Results were Above the EPA LHAs[1] |
| --- |
| n |

ington[4]

na[4]

ined).

se Working Capital Fund.

l(s), providing alternative drinking water, adding an activated carbon filter to the well, and blending water systems

| | State/Territory |
|---|---|
| | New Hampshire |
| | New York |
| | |
| | |
| | |

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| | On-base Groundwater Monitoring Wells | |
|---|---|---|
| | Total Number Sampled | |
| | 11 | |
| | 9 | |
| | | |
| | | |
| | | |

| Number that Tested above the EPA LHAs[1] | Range of |
|---|---|
| 9 | 90-1270 ppt |
| 5 | 86-1300 ppt |
| | |
| | |
| | |
| | |
| | |
| | |

| | Off-base Groundwater Monitoring Wells |
|---|---|
| **Results above EPA LHAs (ppt)** | **Total Number Sampled** |
| | 0 |
| | 0 |
| | |
| | |
| | |
| | |
| | |
| | |

| | Number that Tested above the EPA LHAs[1] |
|---|---|
| ) | |
| ) | |
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| | |
| | |

| | Range of Results above I LHAs (ppt) |
|---|---|
| N/A | N/A |
| N/A | N/A |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| EPA | Actions Taken as of August 31, | Key Actions Planned for FY 2018 to Reduce PFOS/PFOA Below LHA |
|---|---|---|
| | N/A | Actions under development in coordination with regulators |
| | N/A | Actions under development in coordination with regulators |
| | | |
| | | |
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