

Army PFAS GW Data

				Badger AAP		Badger AAP		Badger AAP	
Location				PBGP-PBM-8201		PBGP-PBN-1302A		PBGP-PBN-1302B	
Sample/Parent ID				BAAP-PBGP-PBM-8201		BAAP-PBGP-PBN-1302A		BAAP-PBGP-PBN-1302B	
Sample Date				09/05/2018		08/31/2018		08/31/2018	
Sample Type				N		N		N	
Lab name				LL		LL		LL	
Method				E537		E537		E537	
Matrix				Ground Water		Ground Water		Ground Water	
Analyte	CAS	HAL	Units	Result	Qual	Result	Qual	Result	Qual
PFASs									
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	--	ng/l	1.7	U	2.5	U	1.7	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	--	ng/l	1.7	U	2.5	U	1.7	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	--	ng/l	2	U	3	U	2	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	--	ng/l	2	U	3	U	2	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	--	ng/l	0.91	U	1.4	U	0.94	U
Perfluorobutanoic acid (PFBA)	375-22-4	--	ng/l	4	U	6	U	11	
Perfluorodecanoic acid (PFDA)	335-76-2	--	ng/l	0.99	U	1.5	U	1	U
Perfluorododecanoic acid (PFDoA)	307-55-1	--	ng/l	0.99	U	1.5	U	1	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	--	ng/l	0.99	U	1.5	U	1	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	--	ng/l	0.91	U	1.4	U	0.94	U
Perfluorohexanoic acid (PFHxA)	307-24-4	--	ng/l	0.99	U	1.5	U	1.4	J
Perfluorononanoic acid (PFNA)	375-95-1	--	ng/l	0.99	U	1.5	U	1	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	70	ng/l	0.99	U	1.5	U	3.4	
Perfluorooctanoic acid (PFOA)	335-67-1	70	ng/l	0.99	U	1.5	U	1.2	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	--	ng/l	4	U	6	U	5.2	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	--	ng/l	0.99	U	1.5	U	1	U
Perfluorotridecanoic acid (PFTTrDA)	72629-94-8	--	ng/l	0.99	U	1.5	U	1	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	--	ng/l	0.99	U	1.5	U	1	U
Qualifier	Description								
D	The analyte was analyzed at dilution.								
DJ	The analyte was analyzed at dilution and the result is an estimated quantity.								
J	The analyte was positively identified; however, the associated numerical value is an estimated concentration only								
R	The result is unusable. The sample result is rejected due to serious deficiencies in meeting quality control criteria.								
U	The analyte was analyzed for, but the result was not detected above the reporting limit limit.								
UB	The analyte is considered nondetect at the listed value due to associated blank contamination.								
UJ	The analyte was analyzed for, but was not detected. The reported reporting limit is approximate and may be inaccurate or imprecise.								
Lab Name	Description								
LL	Eurofins Lancaster Laboratories Environmental								
GCALBR	Gulf Coast Analytical Laboratories								

Army PFAS GW Data

		Badger AAP		Badger AAP		Badger AAP	
		PBGP-PBN-1302C		PBGP-PBN-1302D		PBGP-PBN-8201A	
		BAAP-PBGP-PBN-1302C		BAAP-PBGP-PBN-1302D		BAAP-PBGP-PBN-8201A	
		09/04/2018		08/31/2018		08/29/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	1.8	U	2.5	U	5.1	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1.8	U	2.5	U	5.1	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.1	U	3	U	2	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.1	U	3	U	2	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.98	U	1.4	U	0.93	U
Perfluorobutanoic acid (PFBA)	375-22-4	4.3	U	8.5	U	4	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.1	U	1.5	U	1	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.1	U	1.5	U	1	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.1	U	1.5	U	1	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.98	U	1.4	U	0.93	U
Perfluorohexanoic acid (PFHxA)	307-24-4	1.1	U	1.7	J	1	U
Perfluorononanoic acid (PFNA)	375-95-1	1.1	U	1.5	U	1	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.1	U	1.5	U	1.3	J
Perfluorooctanoic acid (PFOA)	335-67-1	3.5	U	1.5	U	1	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.3	U	7.7	U	4	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.1	U	1.5	U	1	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.1	U	1.5	U	1	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.1	U	1.5	U	1	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Badger AAP				Badger AAP		Badger AAP	
PBGP-PBN-8201B				PBGP-PBN-8201C		PBGP-PBN-8205B	
BAAP-PBGP-PBN-8201B				BAAP-PBGP-PBN-8201C		BAAP-PBGP-PBN-8205B	
08/29/2018				08/28/2018		08/29/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	1.8	U	1.9	U	1.7	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1.8	U	1.9	U	1.7	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.2	U	2.3	U	2	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.2	U	2.3	U	2	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.99	U	1	U	0.93	U
Perfluorobutanoic acid (PFBA)	375-22-4	4.3	U	4.5	U	4.1	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.1	U	1.1	U	1	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.1	U	1.1	U	1	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.1	U	1.1	U	1	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.99	U	1	U	0.93	U
Perfluorohexanoic acid (PFHxA)	307-24-4	1.4	J	1.1	U	1	U
Perfluorononanoic acid (PFNA)	375-95-1	1.1	U	1.1	U	1	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.1	U	1.1	U	1	U
Perfluorooctanoic acid (PFOA)	335-67-1	1.6	J	1.1	U	1	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.3	U	4.5	U	4.1	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.1	U	1.1	U	1	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.1	U	1.1	U	1	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.1	U	1.1	U	1	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		Badger AAP		Badger AAP		Badger AAP	
		PBGP-PBN-9301B		PBGP-PBN-9301C		PBGP-PBN-9303B	
		BAAP-PBGP-PBN-9301B		BAAP-PBGP-PBN-9301C		BAAP-PBGP-PBN-9303B	
		09/04/2018		09/04/2018		09/05/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	1.7	U	1.7	J	1.8	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1.7	U	1.7	U	1.8	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2	U	4.3		2.1	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2	U	2	U	2.1	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.93	U	0.93	U	0.96	U
Perfluorobutanoic acid (PFBA)	375-22-4	4	U	5.6		6.6	
Perfluorodecanoic acid (PFDA)	335-76-2	1	U	1	U	1.1	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1	U	1	U	1.1	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1	U	1	U	1.1	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.93	U	0.93	U	0.96	U
Perfluorohexanoic acid (PFHxA)	307-24-4	1	U	1	J	1.1	U
Perfluorononanoic acid (PFNA)	375-95-1	1	U	1	U	1.1	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1	U	1.6	J	1.1	U
Perfluorooctanoic acid (PFOA)	335-67-1	1	U	2		1.2	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	4	U	4	U	4.2	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1	U	1	U	1.1	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1	U	1	U	1.1	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1	U	1	U	1.1	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		Badger AAP		Badger AAP		Badger AAP	
		PBG-PBN-9303C		PBG-PBN-9303D		PGBP-PGM-8203	
		BAAP-PBGP-PBN-9303C		BAAP-PBGP-PBN-9303D		BAAP-PBGP-PBM-8203	
		09/05/2018		09/05/2018		08/30/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	1.8	U	2.5	U	1.7	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1.8	U	2.5	U	1.7	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.1	U	3	U	2.1	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.1	U	3	U	2.1	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.98	U	1.4	U	0.95	U
Perfluorobutanoic acid (PFBA)	375-22-4	7.1	U	30	U	4.2	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.1	J	1.5	U	1	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.1	U	1.5	U	1	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.2	J	2.9	U	1	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.98	U	1.7	J	0.95	U
Perfluorohexanoic acid (PFHxA)	307-24-4	1.6	J	5.6	U	1	U
Perfluorononanoic acid (PFNA)	375-95-1	1.1	J	1.5	U	1	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	7.8	U	14	U	1	U
Perfluorooctanoic acid (PFOA)	335-67-1	3.8	U	5.5	U	1	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.3	U	24	U	4.2	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.1	U	1.5	U	1	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.1	U	1.5	U	1	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.1	U	1.5	U	1	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Badger AAP				Badger AAP		Badger AAP	
PGBP-PGM-8203				PGBP-PGN-8205A		PGBP-PGN-8205C	
BAAP-FD-GW-083018FD / BAAP-PBGP-PBM-8203				BAAP-PBGP-PBN-8205A		BAAP-PBGP-PBN-8205C	
08/30/2018				08/30/2018		08/30/2018	
FD				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	1.8	U	1.8	U	2	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1.8	U	1.8	U	2	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.2	U	2.1	U	2.4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.2	U	2.1	U	2.4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.99	U	0.96	U	1.1	U
Perfluorobutanoic acid (PFBA)	375-22-4	4.3	U	4.2	U	6.8	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.1	U	1.1	U	1.2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.1	U	1.1	U	1.2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.1	U	1.1	U	1.2	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.99	U	0.96	U	1.1	U
Perfluorohexanoic acid (PFHxA)	307-24-4	1.1	U	1.1	U	1.2	J
Perfluorononanoic acid (PFNA)	375-95-1	1.1	U	1.1	U	1.2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.5	J	1.1	U	2.2	
Perfluorooctanoic acid (PFOA)	335-67-1	1.1	U	1.1	U	2.8	
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.3	U	4.2	U	4.8	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.1	U	1.1	U	1.2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.1	U	1.1	U	1.2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.1	U	1.1	U	1.2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Carson				Ft Carson		Ft Carson	
FTC-AHA				FTC-BECMW-13		FTC-BECMW-28R	
FTC-AHA-021219				FTC-BECMW13-021319		FTC-BECMW28R-021319	
02/12/2019				02/13/2019		02/13/2019	
N				N		N	
GCALBR				GCALBR		GCALBR	
E537M				E537M		E537M	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	8.33	U	24.4		164	
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	8.33	U	10.3		226	
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	8.33	UJ	10	UJ	8.33	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	8.33	U	8.33	U	8.33	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	8.33	U	3710	D	694	
Perfluorobutanoic acid (PFBA)	375-22-4	8.33	U	11800	D	429	
Perfluorodecanoic acid (PFDA)	335-76-2		R	8.33	U	15.6	
Perfluorododecanoic acid (PFDoA)	307-55-1	8.33	UB	10	UJ	8.33	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	8.33	U	10800	D	271	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	8.33	U	31100	D	4580	D
Perfluorohexanoic acid (PFHxA)	307-24-4	8.33	UB	74100	D	3840	D
Perfluorononanoic acid (PFNA)	375-95-1	8.33	U	94.4		256	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	8.33	U	5600	D	16500	D
Perfluorooctanoic acid (PFOA)	335-67-1	11.7		151000	EDJ	4450	D
Perfluoropentanoic acid (PFPeA)	2706-90-3	8.33	U	29000	D	1040	
Perfluorotetradecanoic acid (PFTeA)	376-06-7		R	10	UJ	10	UJ
Perfluorotridecanoic acid (PFTrDA)	72629-94-8		R	10	UJ	10	UJ
Perfluoroundecanoic acid (PFUdA)	2058-94-8	8.33	U	16	J	154	
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Carson				Ft Carson		Ft Carson	
FTC-CUD7				FTC-LFC4		FTC-RC2	
FTC-CUD7-021219				FTC-LFC4-021219		FTC-RC2-021219	
02/12/2019				02/12/2019		02/12/2019	
N				N		N	
GCALBR				GCALBR		GCALBR	
E537M				E537M		E537M	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	8.33	U	8.33	U	8.33	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	8.33	U	8.33	UJ	8.33	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	8.33	UJ		R	8.33	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	8.33	UJ		R	8.33	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	13.2		8.33	U	89.1	
Perfluorobutanoic acid (PFBA)	375-22-4	9.41		8.33	U	8.33	UB
Perfluorodecanoic acid (PFDA)	335-76-2	8.33	U	8.33	UJ	8.33	U
Perfluorododecanoic acid (PFDoA)	307-55-1	8.33	UJ		R	8.33	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	8.33	U	8.33	U	19.6	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	18.6		8.33	U	966	
Perfluorohexanoic acid (PFHxA)	307-24-4	8.33	UB	8.33	U	115	
Perfluorononanoic acid (PFNA)	375-95-1	8.33	U	8.33	U	138	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	8.33	U	8.33	U	1800	D
Perfluorooctanoic acid (PFOA)	335-67-1	8.33	U	8.33	U	221	
Perfluoropentanoic acid (PFPeA)	2706-90-3	8.33	U	8.33	U	32.3	
Perfluorotetradecanoic acid (PFTeA)	376-06-7		R		R	8.33	UJ
Perfluorotridecanoic acid (PFTrDA)	72629-94-8		R		R	8.33	UJ
Perfluoroundecanoic acid (PFUdA)	2058-94-8	8.33	UJ		R	8.33	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		Ft Carson FTC-Strobel			Ft Carson FTC-TH5			Ft Carson FTC-TH5		
		FTC-STROBEL-021319			FTC-TH5-021219			FTC-FD-021219 / FTC-TH5-021219		
		02/13/2019			02/12/2019			02/12/2019		
		N			N			FD		
		GCALBR			GCALBR			GCALBR		
		E537M			E537M			E537M		
		Ground Water			Ground Water			Ground Water		
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual	Qual		
PFASs										
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	8.33	U	8.33	U	8.33	U	D		
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	8.33	U	8.33	U	8.33	U	U		
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	8.33	U	8.33	U	8.33	U	U		
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	8.33	U	8.33	U	8.33	U	U		
Perfluorobutane sulfonic acid (PFBS)	375-73-5	8.33	U	32.5		32				
Perfluorobutanoic acid (PFBA)	375-22-4	8.33	U	8.33	UB	8.33	UB			
Perfluorodecanoic acid (PFDA)	335-76-2	8.33	U	8.33	U	8.33	U	U		
Perfluorododecanoic acid (PFDoA)	307-55-1	8.33	U	8.33	U	8.33	U	U		
Perfluoroheptanoic acid (PFHpA)	375-85-9	8.33	U	8.33	U	8.33	U			
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	8.33	U	262		257		D		
Perfluorohexanoic acid (PFHxA)	307-24-4	8.33	U	33.5		32.5		D		
Perfluorononanoic acid (PFNA)	375-95-1	8.33	U	15.9		15.8				
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	8.33	U	169		163		D		
Perfluorooctanoic acid (PFOA)	335-67-1	8.33	U	49.2		47.3				
Perfluoropentanoic acid (PFPeA)	2706-90-3	8.33	U	8.33	UB	8.33	UB	D		
Perfluorotetradecanoic acid (PFTeA)	376-06-7	8.33	UJ	8.33	U			R U		
Perfluorotridecanoic acid (PFTTrDA)	72629-94-8	8.33	UJ	8.33	U			R U		
Perfluoroundecanoic acid (PFUdA)	2058-94-8	8.33	U	8.33	U	8.33	U	U		
Qualifier	Description									
D	The analyte was analyzed at dilution.									
DJ	The analyte was analyzed at dilution and the result is an estimated qua									
J	The analyte was positively identified; however, the associated numeric									
R	The result is unusable. The sample result is rejected due to serious def									
U	The analyte was analyzed for, but the result was not detected above th									
UB	The analyte is considered nondetect at the listed value due to associat									
UJ	The analyte was analyzed for, but was not detected. The reported repo									
Lab Name	Description									
LL	Eurofins Lancaster Laboratories Environmental									
GCALBR	Gulf Coast Analytical Laboratories									

Army PFAS GW Data

Ft Leavenworth				Ft Leavenworth		Ft Leavenworth	
FFS-DP-1				FFS-DP-2		FFS-DP-2	
FTL-FFS-DP-1-16-20-GW				FTL-FFS-DP-2-11-15-GW		FTL-FFS-FD-GW-082018FD / FTL-FFS-DP-2-11-15-GW	
08/21/2018				08/20/2018		08/20/2018	
N				N		FD	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	2500		15000	U	8300	
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1900		530		530	
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	23	U	60	U	60	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	23	U	60	U	60	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	670		2500		2200	
Perfluorobutanoic acid (PFBA)	375-22-4	510		1900		1700	
Perfluorodecanoic acid (PFDA)	335-76-2	12	U	30	U	30	U
Perfluorododecanoic acid (PFDoA)	307-55-1	12	U	30	U	30	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	800		2500		2200	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	15000	D	44000	D	40000	D
Perfluorohexanoic acid (PFHxA)	307-24-4	2000		6600		5800	
Perfluorononanoic acid (PFNA)	375-95-1	370		1400		1200	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	53000	D	150000	D	150000	D
Perfluorooctanoic acid (PFOA)	335-67-1	1500		5100		4500	
Perfluoropentanoic acid (PFPeA)	2706-90-3	1600		6800		6000	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	12	U	30	U	30	U
Perfluorotridecanoic acid (PFTTrDA)	72629-94-8	12	U	30	U	30	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	12	U	30	U	30	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth				Ft Leavenworth		FFS-VAP-2	
FFS-DP-3				FFS-DP-4		FFS-VAP-2	
FTL-FFS-DP-3-11-15-GW				FTL-FFS-DP-4-11-15-GW		FTL-FFS-VAP-2(20-21)-GW	
08/20/2018				08/21/2018		08/30/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	6500		5.9	U	540	
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	8500		5.9	U	30	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	270	U	2.3	U	12	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	270	U	2.3	U	12	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	410		420	D	530	
Perfluorobutanoic acid (PFBA)	375-22-4	1000		4.6	U	210	
Perfluorodecanoic acid (PFDA)	335-76-2	130	U	1.2	U	6	U
Perfluorododecanoic acid (PFDoA)	307-55-1	130	U	1.2	U	6	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1900		1.2	U	270	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	9700		180		7000	D
Perfluorohexanoic acid (PFHxA)	307-24-4	3400		3.7		990	D
Perfluorononanoic acid (PFNA)	375-95-1	230		1.2	U	28	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	92000	D	16		9500	D
Perfluorooctanoic acid (PFOA)	335-67-1	1300		1.4	J	590	
Perfluoropentanoic acid (PFPeA)	2706-90-3	3600		4.6	U	520	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	130	U	1.2	U	6	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	130	U	1.2	U	6	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	130	U	1.2	U	6	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth				Ft Leavenworth			
FFS-VAP-2				FFS-VAP-2			
FTL-FFS-VAP-2(40-41)-GW				FTL-FFS-VAP-2(62-63)-GW			
08/30/2018				08/30/2018			
N				N			
LL				LL			
E537				E537			
Ground Water				Ground Water			
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	400		30	U	30	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	88		30	U	30	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	12	U	12	U	12	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	12	U	12	U	12	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	130		98		94	
Perfluorobutanoic acid (PFBA)	375-22-4	83		26	J	26	J
Perfluorodecanoic acid (PFDA)	335-76-2	7.9	J	6	U	6	U
Perfluorododecanoic acid (PFDoA)	307-55-1	5.9	U	6	U	6	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	96		8.8	J	8.9	J
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	3000	D	160		160	
Perfluorohexanoic acid (PFHxA)	307-24-4	280		63		65	
Perfluorononanoic acid (PFNA)	375-95-1	58		6	U	6	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	14000	D	110		110	
Perfluorooctanoic acid (PFOA)	335-67-1	250		6.6	J	6.6	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	260		49		51	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	5.9	U	6	U	6	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	5.9	U	6	U	6	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	5.9	U	6	U	6	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth				Ft Leavenworth		Ft Leavenworth	
FTL09-MW-02				FTL09-MW-03		FTL10-DP-1	
FTL-09-MW-2				FTL-09-MW-3		FTL-10-DP-1-11-15-GW	
08/22/2018				08/22/2018		08/21/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5.7	U	7.6	U	57	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5.7	U	7.6	U	57	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.3	U	3	U	23	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.3	U	3	U	23	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	7.5		1.4	U	310	J
Perfluorobutanoic acid (PFBA)	375-22-4	4.5	U	6	U	96	
Perfluorodecanoic acid (PFDA)	335-76-2	1.1	U	1.5	U	11	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.1	U	1.5	U	11	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.1	U	1.5	U	75	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	1	J	3.9		7900	D
Perfluorohexanoic acid (PFHxA)	307-24-4	1.1	U	1.5	U	360	
Perfluorononanoic acid (PFNA)	375-95-1	1.1	U	1.5	U	17	J
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.1	U	1.5	U	11000	D
Perfluorooctanoic acid (PFOA)	335-67-1	1.1	U	1.5	U	1500	
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.5	U	6	U	140	J
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.1	U	1.5	U	11	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.1	U	1.5	U	11	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.1	U	1.5	U	11	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth				Ft Leavenworth		Ft Leavenworth	
FTL10-DP-2				FTL10-DP-3		FTL10-MW-10	
FTL-10-DP-2-11-15-GW				FTL-10-DP-3-14-18-GW		FTL-10-MW-10	
08/21/2018				08/21/2018		08/23/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5.7	U	56	U	10	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5.7	U	56	U	10	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.2	U	22	U	4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.2	U	22	U	4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	47	J	970	J	2.2	J
Perfluorobutanoic acid (PFBA)	375-22-4	7.7		230		14	
Perfluorodecanoic acid (PFDA)	335-76-2	1.1	U	11	U	2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.1	U	11	U	2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.1	U	170		2.2	J
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2600	D	34000	D	20	
Perfluorohexanoic acid (PFHxA)	307-24-4	2.2		2100	D	6.7	
Perfluorononanoic acid (PFNA)	375-95-1	1.1	U	30		2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	34		19000	D	35	
Perfluorooctanoic acid (PFOA)	335-67-1	6.7		4000	D	8.3	
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.5	U	290	J	8	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.1	U	11	U	2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.1	U	11	U	2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.1	U	11	U	2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		Ft Leavenworth		Ft Leavenworth		Ft Leavenworth	
		FTL10-MW-11		FTL10-MW-12		FTL10-MW-13	
		FTL-10-MW-11		FTL-10-MW-12		FTL-10-MW-13	
		08/23/2018		08/23/2018		08/23/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	10	U	10	U	10	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	10	U	10	U	10	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	4	U	4	U	4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	4	U	4	U	4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	5.8		1.8	U	2.9	J
Perfluorobutanoic acid (PFBA)	375-22-4	8	U	8	U	8	U
Perfluorodecanoic acid (PFDA)	335-76-2	2	U	2	U	2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	2	U	2	U	2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	2	U	2	U	2	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	45		1.8	U	11	
Perfluorohexanoic acid (PFHxA)	307-24-4	2	U	2	U	2	U
Perfluorononanoic acid (PFNA)	375-95-1	2	U	2	U	2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	18		2	U	2	U
Perfluorooctanoic acid (PFOA)	335-67-1	2	U	2	U	2	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	8	U	8	U	8	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	2	U	2	U	2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	2	U	2	U	2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	2	U	2	U	2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth				Ft Leavenworth		FTL10-VAP-3	
FTL10-MW-15				FTL10-MW-20		FTL10-VAP-3(20-21)-GW	
FTL10-MW-15				FTL10-MW-20		FTL10-VAP-3(20-21)-GW	
08/23/2018				08/23/2018		08/27/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	100	U	100	U	160	
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	100	U	100	U	98	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	40	U	40	U	120	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	40	U	40	U	120	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	770		1100		6900	
Perfluorobutanoic acid (PFBA)	375-22-4	170		260		1700	
Perfluorodecanoic acid (PFDA)	335-76-2	20	U	20	U	59	U
Perfluorododecanoic acid (PFDoA)	307-55-1	20	U	20	U	59	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	180		230		1500	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	7600	D	17000	D	67000	D
Perfluorohexanoic acid (PFHxA)	307-24-4	1300		1800		10000	D
Perfluorononanoic acid (PFNA)	375-95-1	20	U	20	U	59	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1400		5100		30000	D
Perfluorooctanoic acid (PFOA)	335-67-1	2200		3200		24000	D
Perfluoropentanoic acid (PFPeA)	2706-90-3	270		380		2800	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	20	U	20	U	59	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	20	U	20	U	59	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	20	U	20	U	59	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth								
FTL10-VAP-3			FTL10-VAP-3			FTL10-VAP-3		
FTL-10-VAP-3-(42-43)-GW			FTL-10-VAP-3-(60-61)-GW			FTL-10-VAP-3-(99-100)-GW		
08/27/2018			08/27/2018			08/28/2018		
N			N			N		
LL			LL			LL		
E537			E537			E537		
Ground Water			Ground Water			Ground Water		
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual	
PFASs								
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	30	U	30	U	30	U	
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	30	U	30	U	30	U	
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	12	U	12	U	12	U	
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	12	U	12	U	12	U	
Perfluorobutane sulfonic acid (PFBS)	375-73-5	5.4	U	5.4	U	5.4	U	
Perfluorobutanoic acid (PFBA)	375-22-4	24	U	24	U	24	U	
Perfluorodecanoic acid (PFDA)	335-76-2	5.9	U	5.9	U	5.9	U	
Perfluorododecanoic acid (PFDoA)	307-55-1	5.9	U	5.9	U	5.9	U	
Perfluoroheptanoic acid (PFHpA)	375-85-9	5.9	U	5.9	U	5.9	U	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	130		7.8	J	5.4	U	
Perfluorohexanoic acid (PFHxA)	307-24-4	6.4	J	5.9	U	5.9	U	
Perfluorononanoic acid (PFNA)	375-95-1	5.9	U	5.9	U	5.9	U	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	110		5.9	U	5.9	U	
Perfluorooctanoic acid (PFOA)	335-67-1	14		5.9	U	5.9	U	
Perfluoropentanoic acid (PFPeA)	2706-90-3	24	U	24	U	24	U	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	5.9	U	5.9	U	5.9	U	
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	5.9	U	5.9	U	5.9	U	
Perfluoroundecanoic acid (PFUdA)	2058-94-8	5.9	U	5.9	U	5.9	U	
Qualifier	Description							
D	The analyte was analyzed at dilution.							
DJ	The analyte was analyzed at dilution and the result is an estimated qua							
J	The analyte was positively identified; however, the associated numeric							
R	The result is unusable. The sample result is rejected due to serious def							
U	The analyte was analyzed for, but the result was not detected above th							
UB	The analyte is considered nondetect at the listed value due to associate							
UJ	The analyte was analyzed for, but was not detected. The reported repo							
Lab Name	Description							
LL	Eurofins Lancaster Laboratories Environmental							
GCALBR	Gulf Coast Analytical Laboratories							

Army PFAS GW Data

Ft Leavenworth				Ft Leavenworth		Ft Leavenworth	
FTL11-DP-1				FTL11-DP-2		FTL11-DP-3	
FTL-11-DP-1-9-13-GW				FTL-11-DP-2-9-13-GW		FTL-11-DP-3-9-13-GW	
08/21/2018				08/22/2018		08/22/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	8300		5.8	U	2400	
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	150	U	5.8	U	440	
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	59	U	2.3	U	60	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	59	U	2.3	U	60	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	21000	D	28	J	150	
Perfluorobutanoic acid (PFBA)	375-22-4	9400	D	70		570	
Perfluorodecanoic acid (PFDA)	335-76-2	30	U	2.8		30	U
Perfluorododecanoic acid (PFDoA)	307-55-1	30	U	1.1	U	30	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	6200	D	110		1300	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	43000	D	550	D	4000	
Perfluorohexanoic acid (PFHxA)	307-24-4	62000	D	260	D	2200	
Perfluorononanoic acid (PFNA)	375-95-1	30	U	33		180	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1300		1700	D	14000	D
Perfluorooctanoic acid (PFOA)	335-67-1	2700		88		860	
Perfluoropentanoic acid (PFPeA)	2706-90-3	18000	D	180	J	2200	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	30	U	1.1	U	30	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	30	U	1.1	U	30	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	30	U	1.1	U	30	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		FTL11-VAP-3		FTL11-VAP-3		Ft Leavenworth	
		FTL11-VAP-3(24-25)-GW		FTL11-VAP-3(40-41)-GW		FTL11-VAP-3	
		08/28/2018		08/29/2018		08/29/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	2300	D	9.9	U	9.8	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	330		9.9	U	9.8	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	12	U	12	U	12	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	12	U	12	U	12	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	670		5.4	U	5.4	U
Perfluorobutanoic acid (PFBA)	375-22-4	480		24	U	24	U
Perfluorodecanoic acid (PFDA)	335-76-2	12		5.9	U	5.9	U
Perfluorododecanoic acid (PFDoA)	307-55-1	6	U	5.9	U	5.9	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	550	D	5.9	U	5.9	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	3700	D	5.4	U	5.4	U
Perfluorohexanoic acid (PFHxA)	307-24-4	2400	D	5.9	U	5.9	U
Perfluorononanoic acid (PFNA)	375-95-1	66		5.9	U	5.9	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	11000	D	5.9	U	5.9	U
Perfluorooctanoic acid (PFOA)	335-67-1	580		5.9	U	5.9	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	1600		24	U	24	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	6	U	5.9	U	5.9	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	6	U	5.9	U	5.9	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	6	U	5.9	U	5.9	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		FTL11-VAP-3		FTL11-VAP-3		SAAF-DPT-1	
		FTL-11-VAP-3(80-81)-GW		FTL-11-VAP-3(99-100)-GW		FTL-SAAF-DPT-1-(10)-GW	
		08/29/2018		08/29/2018		12/04/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	9.7	U	10	U	5	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	9.7	U	10	U	5	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EiFOSAA)	2991-50-6	12	U	12	U	6	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	12	U	12	U	6	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	5.4	U	5.5	U	2.7	U
Perfluorobutanoic acid (PFBA)	375-22-4	23	U	24	U	12	U
Perfluorodecanoic acid (PFDA)	335-76-2	5.8	U	6	U	3	U
Perfluorododecanoic acid (PFDoA)	307-55-1	5.8	U	6	U	3	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	5.8	U	6	U	3	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	5.4	U	5.5	U	2.7	U
Perfluorohexanoic acid (PFHxA)	307-24-4	5.8	U	6	U	3	U
Perfluorononanoic acid (PFNA)	375-95-1	5.8	U	6	U	3	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	5.8	U	6	U	3	U
Perfluorooctanoic acid (PFOA)	335-67-1	5.8	U	6	U	3	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	23	U	24	U	12	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	5.8	U	6	U	3	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	5.8	U	6	U	3	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	5.8	U	6	U	3	UJ
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Inworth				Ft Leavenworth		Ft Leavenworth	
SAAF-DPT-1				SAAF-DPT-1		SAAF-DPT-2	
FTL-SAAF-DPT-1-(30)-GW				FTL-SAAF-FD-GW-(120418) / FTL-SAAF-DPT-1-(10)-GW		FTL-SAAF-DPT-2-(10)-GW	
12/04/2018				12/04/2018		12/03/2018	
N				FD		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	2	U	1.8	U	4.8	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	2	U	1.8	U	4.8	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.4	U	2.2	U	5.7	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.4	U	2.2	U	5.7	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	1.1	U	1	U	2.6	U
Perfluorobutanoic acid (PFBA)	375-22-4	4.8	U	4.4	U	11	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.2	U	1.1	U	2.9	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.2	U	1.1	U	2.9	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.2	U	1.1	U	2.9	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	1.1	U	1	U	2.6	U
Perfluorohexanoic acid (PFHxA)	307-24-4	1.2	U	1.1	U	2.9	U
Perfluorononanoic acid (PFNA)	375-95-1	1.2	U	1.1	U	2.9	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.2	U	1.1	U	2.9	U
Perfluorooctanoic acid (PFOA)	335-67-1	1.2	U	1.1	U	2.9	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.8	U	4.4	U	11	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.2	U	1.1	U	2.9	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.2	U	1.1	U	2.9	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.2	U	1.1	U	2.9	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Inworth				Ft Leavenworth			
SAAF-DPT-2				SAAF-DPT-3		SAAF-DPT-3	
FTL-SAAF-DPT-2-(30)-GW				FTL-SAAF-DPT-3-(10)-GW		FTL-SAAF-DPT-3-(30)-GW	
12/03/2018				12/03/2018		12/03/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5	U	1.9	U	5.1	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5	U	1.9	U	5.1	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	6	U	2.2	U	6.1	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	6	U	2.2	U	6.1	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.8	U	1	U	2.8	U
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	4.5	U	12	U
Perfluorodecanoic acid (PFDA)	335-76-2	3	U	1.1	U	3	U
Perfluorododecanoic acid (PFDoA)	307-55-1	3	U	1.1	U	3	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	3	U	1.1	U	3	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2.8	U	1	U	2.8	U
Perfluorohexanoic acid (PFHxA)	307-24-4	3	U	1.1	U	3	U
Perfluorononanoic acid (PFNA)	375-95-1	3	U	1.1	U	3	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	3	U	1.1	U	3	U
Perfluorooctanoic acid (PFOA)	335-67-1	3	U	1.1	U	3	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	4.5	U	12	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3	U	1.1	U	3	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3	U	1.1	U	3	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3	U	1.1	U	3	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		Ft Leavenworth				Ft Leavenworth	
		SAAF-DPT-4		SAAF-DPT-4		SAAF-DPT-5	
		FTL-SAAF-DPT-4-(10)-GW		FTL-SAAF-DPT-4-(30)-GW		FTL-SAAF-DPT-5-(10)-GW	
		12/04/2018		12/04/2018		12/04/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5	U	5	U	5	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5	U	5	U	5	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	5.9	U	6	U	5.9	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	5.9	U	6	U	5.9	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.7	U	2.7	U	2.7	U
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	12	U	12	U
Perfluorodecanoic acid (PFDA)	335-76-2	3	U	3	U	3	U
Perfluorododecanoic acid (PFDoA)	307-55-1	3	U	3	U	3	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	3	U	3	U	3	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2.7	U	2.7	U	2.7	U
Perfluorohexanoic acid (PFHxA)	307-24-4	3	U	3	U	3	U
Perfluorononanoic acid (PFNA)	375-95-1	3	U	3	U	3	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	3	U	3	U	3	U
Perfluorooctanoic acid (PFOA)	335-67-1	34	U	3	U	3	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	12	U	12	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3	U	3	U	3	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3	U	3	U	3	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3	U	3	U	3	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Inworth				Ft Leavelle			
SAAF-DPT-5				SAAF-VAP-1		SAAF-VAP-1	
FTL-SAAF-DPT-5-(30)-GW				FTL-SAAF-VAP-1-(10)-GW		FTL-SAAF-VAP-1-(30)-GW	
12/04/2018				12/03/2018		12/03/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5	U	5	U	3.3	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5	U	5	U	3.3	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	6	U	5.9	U	4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	6	U	5.9	U	4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.7	U	2.7	U	1.8	U
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	12	U	7.9	U
Perfluorodecanoic acid (PFDA)	335-76-2	3	U	3	U	2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	3	U	3	U	2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	3	U	3	U	2	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2.7	U	3.3	J	1.8	U
Perfluorohexanoic acid (PFHxA)	307-24-4	3	U	3	U	2	U
Perfluorononanoic acid (PFNA)	375-95-1	3	U	3	U	2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	3	U	3	U	2	U
Perfluorooctanoic acid (PFOA)	335-67-1	3	U	3	U	2	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	12	U	7.9	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3	U	3	U	2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3	U	3	U	2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3	U	3	U	2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		Inworth			Ft Leavenworth		
		SAAF-VAP-1		SAAF-VAP-1		SAAF-VAP-1	
		FTL-SAAF-VAP-1-(50)-GW		FTL-SAAF-VAP-1-(61)-GW		FTL-SAAF-FD-GW-(120318)FD / FTL-SAAF-VAP-1-(30)-GW	
		12/03/2018		12/03/2018		12/03/2018	
		N		N		FD	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	3.3	U	5.1	U	3.1	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	3.3	U	5.1	U	3.1	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	4	U	6.1	U	3.7	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	4	U	6.1	U	3.7	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	80		17		1.7	U
Perfluorobutanoic acid (PFBA)	375-22-4	20		12	U	7.5	U
Perfluorodecanoic acid (PFDA)	335-76-2	2	U	3	U	1.9	U
Perfluorododecanoic acid (PFDoA)	307-55-1	2	U	3	U	1.9	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	2	U	3	U	1.9	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	58		34		1.7	U
Perfluorohexanoic acid (PFHxA)	307-24-4	17		5.5		1.9	U
Perfluorononanoic acid (PFNA)	375-95-1	2	U	3	U	1.9	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	2	U	3	U	1.9	U
Perfluorooctanoic acid (PFOA)	335-67-1	2	U	3	U	1.9	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	42		12	U	7.5	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	2	U	3	U	1.9	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	2	U	3	U	1.9	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	2	U	3	U	1.9	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		SAAF-VAP-2		SAAF-VAP-2		Ft Leavenworth	
		FTL-SAAF-VAP-2-(12)-GW		FTL-SAAF-VAP-2-(32)-GW		SAAF-VAP-2	
		12/04/2018		12/04/2018		12/04/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	2	U	5.3	U	2	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	2	U	5.3	U	2	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.4	U	6.3	U	2.4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.4	U	6.3	U	2.4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	1.1	U	2.9	U	1.1	U
Perfluorobutanoic acid (PFBA)	375-22-4	4.8	U	13	U	4.8	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.2	U	3.2	U	1.2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.2	U	3.2	U	1.2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.2	U	3.2	U	1.2	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	1.1	U	2.9	U	1.3	J
Perfluorohexanoic acid (PFHxA)	307-24-4	1.2	U	3.2	U	1.2	U
Perfluorononanoic acid (PFNA)	375-95-1	1.2	U	3.2	U	1.2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.2	U	3.2	U	1.2	U
Perfluorooctanoic acid (PFOA)	335-67-1	1.2	U	3.2	U	1.2	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.8	U	13	U	4.8	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.2	U	3.2	U	1.2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.2	U	3.2	U	1.2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.2	U	3.2	U	1.2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		SAAF-VAP-2		SAAF-VAP-2		Ft Leavenworth	
		FTL-SAAF-VAP-2-(72)-GW		FTL-SAAF-VAP-2-(92)-GW		SAAF-VAP-2	
		12/04/2018		12/04/2018		12/04/2018	
		N		N		FD	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	12		4.7		2	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	2	U	2	U	2	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.4	U	2.4	U	2.4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.4	U	2.4	U	2.4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	31		110		1.1	U
Perfluorobutanoic acid (PFBA)	375-22-4	10		21		4.8	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.2	U	1.2	U	1.2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.2	U	1.2	U	1.2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	6.9		11		1.2	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	130		570	D	1.1	U
Perfluorohexanoic acid (PFHxA)	307-24-4	18		67		1.2	U
Perfluorononanoic acid (PFNA)	375-95-1	1.2	U	1.2	U	1.2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	43		470	D	1.2	U
Perfluorooctanoic acid (PFOA)	335-67-1	8		25		1.2	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	18		26		4.8	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.2	U	1.2	U	1.2	U
Perfluorotridecanoic acid (PFTTrDA)	72629-94-8	1.2	U	1.2	U	1.2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.2	U	1.2	U	1.2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associat						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		SAAF-VAP-3		SAAF-VAP-3		Ft Leavenworth	
		FTL-SAAP-VAP-3-(12)-GW		FTL-SAAP-VAP-3-(32)-GW		SAAF-VAP-3	
		12/08/2018		12/08/2018		12/08/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	2	U	2	U	2	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	2	U	2	U	2	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.4	U	2.4	U	2.4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.4	U	2.4	U	2.4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	1.1	U	1.1	U	1.1	U
Perfluorobutanoic acid (PFBA)	375-22-4	4.8	U	4.8	U	4.8	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.2	U	1.2	U	1.2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.2	U	1.2	U	1.2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.2	U	1.2	U	1.2	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	1.1	U	4.4		3	
Perfluorohexanoic acid (PFHxA)	307-24-4	1.2	U	1.2	U	1.2	U
Perfluorononanoic acid (PFNA)	375-95-1	1.2	U	1.2	U	1.2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.2	U	1.3	J	1.2	U
Perfluorooctanoic acid (PFOA)	335-67-1	1.2	U	4.7		1.3	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.8	U	4.8	U	4.8	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.2	U	1.2	U	1.2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.2	U	1.2	U	1.2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.2	U	1.2	U	1.2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		SAAF-VAP-3		SAAF-VAP-3		SAAF-VAP-4	
		FTL-SAAP-VAP-3-(72)-GW		FTL-SAAP-VAP-3-(92)-GW		FTL-SAAF-VAP-4-(12)-GW	
		12/08/2018		12/08/2018		12/01/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	2	U	2	U	5.1	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	2	U	2	U	5.1	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.4	U	2.4	U	6.1	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.4	U	2.4	U	6.1	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	1.1	U	1.1	U	20	
Perfluorobutanoic acid (PFBA)	375-22-4	4.8	U	4.8	U	12	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.2	U	1.2	U	3.1	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.2	U	1.2	U	3.1	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.2	U	1.2	U	3.1	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	1.1	U	1.1	U	66	
Perfluorohexanoic acid (PFHxA)	307-24-4	1.2	U	1.2	U	3.1	U
Perfluorononanoic acid (PFNA)	375-95-1	1.2	U	1.2	U	3.1	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.2	U	1.2	U	5.2	
Perfluorooctanoic acid (PFOA)	335-67-1	1.2	U	1.2	U	3.1	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.8	U	4.8	U	12	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.2	U	1.2	U	3.1	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.2	U	1.2	U	3.1	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.2	U	1.2	U	3.1	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth							
SAAF-VAP-4		SAAF-VAP-4		SAAF-VAP-4		SAAF-VAP-4	
FTL-SAAF-VAP-4-(31)-GW		FTL-SAAF-VAP-4-(51)-GW		FTL-SAAF-VAP-4-(72)-GW		FTL-SAAF-VAP-4-(72)-GW	
12/02/2018		12/02/2018		12/02/2018		12/02/2018	
N		N		N		N	
LL		LL		LL		LL	
E537		E537		E537		E537	
Ground Water		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	16		5	U	3.2	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	4.9	U	5	U	3.2	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	5.9	U	6	U	3.8	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	5.9	U	6	U	3.8	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	28		15		7.3	
Perfluorobutanoic acid (PFBA)	375-22-4	15		12	U	7.6	U
Perfluorodecanoic acid (PFDA)	335-76-2	2.9	U	3	U	1.9	U
Perfluorododecanoic acid (PFDoA)	307-55-1	2.9	U	3	U	1.9	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	14		3	U	1.9	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	520		82		66	
Perfluorohexanoic acid (PFHxA)	307-24-4	34		4.9	J	6.4	
Perfluorononanoic acid (PFNA)	375-95-1	2.9	U	3	U	1.9	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	430		9.4		17	
Perfluorooctanoic acid (PFOA)	335-67-1	21		3	U	30	
Perfluoropentanoic acid (PFPeA)	2706-90-3	31		12	U	7.6	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	2.9	U	3	U	1.9	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	2.9	U	3	U	1.9	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	2.9	U	3	U	1.9	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

SAAF-VAP-4				SAAF-VAP-5		SAAF-VAP-5	
FTL-SAAF-VAP-4-(92)-GW				FTL-SAAF-VAP-5-(28)-GW		FTL-SAAF-VAP-5-(48)-GW	
12/02/2018				11/29/2018		11/29/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	3.2	U	5	U	5	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	3.2	U	5	U	5	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	3.8	U	6	U	6	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	3.8	U	6	U	6	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	1.8	U	2.7	U	2.7	U
Perfluorobutanoic acid (PFBA)	375-22-4	7.7	U	12	U	12	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.9	U	3	U	3	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.9	U	3	U	3	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.9	U	3	U	3	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	1.8	U	10	U	2.7	U
Perfluorohexanoic acid (PFHxA)	307-24-4	1.9	U	3	U	3	U
Perfluorononanoic acid (PFNA)	375-95-1	1.9	U	3	U	3	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.9	U	110	U	9.7	U
Perfluorooctanoic acid (PFOA)	335-67-1	1.9	U	3	U	3.1	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	7.7	U	12	U	12	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.9	U	3	U	3	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.9	U	3	U	3	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.9	U	3	U	3	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth								
SAAF-VAP-5			SAAF-VAP-5			SAAF-VAP-5		
FTL-SAAF-VAP-5-(68)-GW			FTL-SAAF-VAP-5-(7)-GW			FTL-SAAF-VAP-5-(88)-GW		
11/29/2018			11/28/2018			11/29/2018		
N			N			N		
LL			LL			LL		
E537			E537			E537		
Ground Water			Ground Water			Ground Water		
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual	
PFASs								
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5	U	2.5	U	5	U	
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5	U	2.5	U	5	U	
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	6	U	3	U	6	U	
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	6	U	3	U	6	U	
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.7	U	35		2.7	U	
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	11		12	U	
Perfluorodecanoic acid (PFDA)	335-76-2	3	U	1.5	U	3	U	
Perfluorododecanoic acid (PFDoA)	307-55-1	3	U	1.5	U	3	U	
Perfluoroheptanoic acid (PFHpA)	375-85-9	3	U	22		3	U	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2.7	U	70		2.7	U	
Perfluorohexanoic acid (PFHxA)	307-24-4	3	U	68		3	U	
Perfluorononanoic acid (PFNA)	375-95-1	3	U	1.5	U	3	U	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	3	U	5.4		4.8	J	
Perfluorooctanoic acid (PFOA)	335-67-1	3	U	3.6		5		
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	37		12	U	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3	U	1.5	U	3	U	
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3	U	1.5	U	3	U	
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3	U	1.5	U	3	U	
Qualifier	Description							
D	The analyte was analyzed at dilution.							
DJ	The analyte was analyzed at dilution and the result is an estimated qua							
J	The analyte was positively identified; however, the associated numeric							
R	The result is unusable. The sample result is rejected due to serious def							
U	The analyte was analyzed for, but the result was not detected above th							
UB	The analyte is considered nondetect at the listed value due to associate							
UJ	The analyte was analyzed for, but was not detected. The reported repo							
Lab Name	Description							
LL	Eurofins Lancaster Laboratories Environmental							
GCALBR	Gulf Coast Analytical Laboratories							

Army PFAS GW Data

SAAF-VAP-5				SAAF-VAP-6		SAAF-VAP-6	
FTL-SAAF-VAP-5-(97)-GW				FTL-SAAF-VAP-6-(29)-GW		FTL-SAAF-VAP-6-(49)-GW	
11/30/2018				11/30/2018		11/30/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5.1	U	7.9		2	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5.1	U	5	U	2	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	6.1	U	6	U	2.4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	6.1	U	6	U	2.4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.8	U	28		48	
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	13	J	12	
Perfluorodecanoic acid (PFDA)	335-76-2	3.1	U	3	U	1.2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	3.1	U	3	U	1.2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	3.1	U	7.6		11	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2.8	U	170		460	D
Perfluorohexanoic acid (PFHxA)	307-24-4	3.1	U	23		53	
Perfluorononanoic acid (PFNA)	375-95-1	3.1	U	3	U	1.2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	3.1	U	66		670	D
Perfluorooctanoic acid (PFOA)	335-67-1	3.1	U	7.7		14	
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	12	U	16	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3.1	U	3	U	1.2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3.1	U	3	U	1.2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3.1	U	3	U	1.2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth								
SAAF-VAP-6			SAAF-VAP-6			SAAF-VAP-6		
FTL-SAAF-VAP-6-(69)-GW			FTL-SAAF-VAP-6-(8)-GW			FTL-SAAF-VAP-6-(91)-GW		
12/01/2018			11/30/2018			12/01/2018		
N			N			N		
LL			LL			LL		
E537			E537			E537		
Ground Water			Ground Water			Ground Water		
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual	
PFASs								
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	4.8	U	5	U	5.1	U	
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	4.8	U	5	U	5.1	U	
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	5.8	U	6	U	6.1	U	
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	5.8	U	6	U	6.1	U	
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.7	U	8.4		2.8	U	
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	12	U	12	U	
Perfluorodecanoic acid (PFDA)	335-76-2	2.9	U	3	U	3.1	U	
Perfluorododecanoic acid (PFDoA)	307-55-1	2.9	U	3	U	3.1	U	
Perfluoroheptanoic acid (PFHpA)	375-85-9	2.9	U	3	U	3.1	U	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2.7	U	5.6		2.8	U	
Perfluorohexanoic acid (PFHxA)	307-24-4	2.9	U	3	U	3.1	U	
Perfluorononanoic acid (PFNA)	375-95-1	2.9	U	3	U	3.1	U	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	2.9	U	3	U	3.1	U	
Perfluorooctanoic acid (PFOA)	335-67-1	2.9	U	3	U	3.1	U	
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	12	U	12	U	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	2.9	U	3	U	3.1	U	
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	2.9	U	3	U	3.1	U	
Perfluoroundecanoic acid (PFUdA)	2058-94-8	2.9	U	3	U	3.1	U	
Qualifier	Description							
D	The analyte was analyzed at dilution.							
DJ	The analyte was analyzed at dilution and the result is an estimated qua							
J	The analyte was positively identified; however, the associated numeric							
R	The result is unusable. The sample result is rejected due to serious def							
U	The analyte was analyzed for, but the result was not detected above th							
UB	The analyte is considered nondetect at the listed value due to associate							
UJ	The analyte was analyzed for, but was not detected. The reported repo							
Lab Name	Description							
LL	Eurofins Lancaster Laboratories Environmental							
GCALBR	Gulf Coast Analytical Laboratories							

Army PFAS GW Data

		SAAF-VAP-7		SAAF-VAP-7		Ft Leavenworth	
		FTL-SAAF-VAP-7-(12)-GW		FTL-SAAF-VAP-7-(32)-GW		SAAF-VAP-7	
		12/05/2018		12/05/2018		12/05/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5	U	5	U	5	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5	U	5	U	5	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	5.9	U	6	U	6	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	5.9	U	6	U	6	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	4.2	J	2.7	U	2.7	U
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	12	U	12	U
Perfluorodecanoic acid (PFDA)	335-76-2	3	U	3	U	3	U
Perfluorododecanoic acid (PFDoA)	307-55-1	3	U	3	U	3	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	3	U	3	U	3	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	15	U	2.7	U	2.7	U
Perfluorohexanoic acid (PFHxA)	307-24-4	3.7	J	3	U	3	U
Perfluorononanoic acid (PFNA)	375-95-1	3	U	3	U	3	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	24	U	3	U	3	U
Perfluorooctanoic acid (PFOA)	335-67-1	20	U	3	U	3	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	12	U	12	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3	U	3	U	3	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3	U	3	U	3	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3	U	3	U	3	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		SAAF-VAP-7		SAAF-VAP-7		SAAF-VAP-8	
		FTL-SAAF-VAP-7-(72)-GW		FTL-SAAF-VAP-7-(92)-GW		FTL-SAAF-VAP-8-(109)-GW	
		12/06/2018		12/06/2018		12/07/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5	U	5	U	5	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5	U	5	U	5	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	6	U	5.9	U	6	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	6	U	5.9	U	6	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.7	U	2.7	U	2.7	U
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	12	U	12	U
Perfluorodecanoic acid (PFDA)	335-76-2	3	U	3	U	3	U
Perfluorododecanoic acid (PFDoA)	307-55-1	3	U	3	U	3	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	3	U	3	U	3	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2.7	U	2.7	U	2.7	U
Perfluorohexanoic acid (PFHxA)	307-24-4	3	U	3	U	3	U
Perfluorononanoic acid (PFNA)	375-95-1	3	U	3	U	3	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	3.8	J	3	U	3.3	J
Perfluorooctanoic acid (PFOA)	335-67-1	3	U	3	U	5.8	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	12	U	12	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3	U	3	U	3	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3	U	3	U	3	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3	U	3	U	3	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth							
SAAF-VAP-8		SAAF-VAP-8		SAAF-VAP-8		SAAF-VAP-8	
FTL-SAAF-VAP-8-(13)-GW		FTL-SAAF-VAP-8-(32)-GW		FTL-SAAF-VAP-8-(52)-GW		FTL-SAAF-VAP-8-(52)-GW	
12/06/2018		12/06/2018		12/06/2018		12/07/2018	
N		N		N		N	
LL		LL		LL		LL	
E537		E537		E537		E537	
Ground Water		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5	U	5	U	5	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5	U	5	U	5	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	6	U	6	U	5.9	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	6	U	6	U	5.9	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.7	U	2.7	U	2.7	U
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	12	U	12	U
Perfluorodecanoic acid (PFDA)	335-76-2	3	U	3	U	3	U
Perfluorododecanoic acid (PFDoA)	307-55-1	3	U	3	U	3	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	3	U	3	U	3	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2.7	U	2.7	U	2.7	U
Perfluorohexanoic acid (PFHxA)	307-24-4	3	U	3	U	3	U
Perfluorononanoic acid (PFNA)	375-95-1	3	U	3	U	3	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	3	U	3	U	3	U
Perfluorooctanoic acid (PFOA)	335-67-1	3	U	3	U	3	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	12	U	12	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3	U	3	U	3	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3	U	3	U	3	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3	U	3	U	3	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

		SAAF-VAP-8		SAAF-VAP-8		Ft Leavenworth	
		FTL-SAAF-VAP-8-(71)-GW		FTL-SAAF-VAP-8-(91)-GW		USGS-4	
		12/07/2018		12/07/2018		08/23/2018	
		N		N		N	
		LL		LL		LL	
		E537		E537		E537	
		Ground Water		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5	U	5	U	10	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5	U	5	U	10	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	6	U	6	U	4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	6	U	6	U	4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	3	J	2.7	U	1.8	U
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	12	U	7.9	U
Perfluorodecanoic acid (PFDA)	335-76-2	3	U	3	U	2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	3	U	3	U	2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	3	U	3	U	2	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	5.5	U	2.7	U	1.8	U
Perfluorohexanoic acid (PFHxA)	307-24-4	3	U	3	U	2	U
Perfluorononanoic acid (PFNA)	375-95-1	3	U	3	U	2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	3	U	3	U	2	U
Perfluorooctanoic acid (PFOA)	335-67-1	3	U	3	U	2	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	12	U	7.9	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3	U	3	U	2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3	U	3	U	2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3	U	3	U	2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Ft Leavenworth				Ft Leavenworth		Picatinny Arsenal	
USGS-7				USGS-7		C9-09A	
USGS-7				FTL-FD-GW-082318 / USGS-7		PTA-CP-9-A-091718-N	
08/23/2018				08/23/2018		09/17/2018	
N				FD		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	10	U	10	U	3.3	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	10	U	10	U	3.3	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	4	U	4	U	4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	4	U	4	U	4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	1.8	U	1.8	U	2.1	J
Perfluorobutanoic acid (PFBA)	375-22-4	8	U	8	U	8	U
Perfluorodecanoic acid (PFDA)	335-76-2	2	U	2	U	2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	2	U	2	U	2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	2	U	2	U	2	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	1.8	U	1.8	U	8.6	U
Perfluorohexanoic acid (PFHxA)	307-24-4	2	U	2	U	3	J
Perfluorononanoic acid (PFNA)	375-95-1	2	U	2	U	2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	2	U	2	U	21	U
Perfluorooctanoic acid (PFOA)	335-67-1	2	U	2	U	2.4	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	8	U	8	U	8	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	2	U	2	U	2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	2	U	2	U	2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	2	U	2	U	2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Picatinny Arsenal				Picatinny Arsenal		Picatinny Arsenal	
C9-09C				FH1-104-MW2		LBG-1179-1	
PTA-CP-9-C-091718-N				PTA-FH1-104-MW2-091118-N		PTA-LBG-1179-1-091918-N	
09/17/2018				09/11/2018		09/19/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	3.3	U	1.9	U	1.9	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	3.3	U	1.9	U	1.9	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	4	U	2.3	U	2.2	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	4	U	2.3	U	2.2	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	5.8		14		1	U
Perfluorobutanoic acid (PFBA)	375-22-4	8	U	8.2		4.5	U
Perfluorodecanoic acid (PFDA)	335-76-2	2	J	1.1	U	1.1	U
Perfluorododecanoic acid (PFDoA)	307-55-1	2	U	1.1	U	1.1	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	4		7.1		1.1	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	34		88		1	U
Perfluorohexanoic acid (PFHxA)	307-24-4	9.2		14		1.1	U
Perfluorononanoic acid (PFNA)	375-95-1	3.1	J	1.6	J	1.1	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	50		46		1.1	U
Perfluorooctanoic acid (PFOA)	335-67-1	13		21		1.1	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	8	J	12		4.5	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	2	U	1.1	U	1.1	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	2	U	1.1	U	1.1	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	2	U	1.1	U	1.1	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Picatinny Arsenal				Picatinny Arsenal		Picatinny Arsenal	
LBG-1179A-1				LBG-1179A-1		LBG-1179A-2	
PTA-LBG-1179A-1-091918-N				PTA-DUP-2-091918FD / PTA-LBG-1179A-1-091918-N		PTA-LBG-1179A-2-091918-N	
09/19/2018				09/19/2018		09/19/2018	
N				FD		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	9.8	U	9.9	U	9.9	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	9.8	U	9.9	U	9.9	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	12	U	12	U	12	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	12	U	12	U	12	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	5.4	U	5.4	U	5.5	U
Perfluorobutanoic acid (PFBA)	375-22-4	23	U	24	U	24	U
Perfluorodecanoic acid (PFDA)	335-76-2	5.9	U	5.9	U	6	U
Perfluorododecanoic acid (PFDoA)	307-55-1	5.9	U	5.9	U	6	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	5.9	U	5.9	U	6	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	5.4	U	5.4	U	5.5	U
Perfluorohexanoic acid (PFHxA)	307-24-4	5.9	U	5.9	U	6	U
Perfluorononanoic acid (PFNA)	375-95-1	5.9	U	5.9	U	6	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	5.9	U	5.9	U	6	U
Perfluorooctanoic acid (PFOA)	335-67-1	15	U	15	U	26	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	23	U	24	U	24	U
Perfluorotetradecanoic acid (PFTrA)	376-06-7	5.9	U	5.9	U	6	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	5.9	U	5.9	U	6	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	5.9	U	5.9	U	6	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Picatinny Arsenal				Picatinny Arsenal				Picatinny Arsenal			
PTA-20_24-MW18				PTA-20_24-MW3				PTA-20_24-MW8			
PTA-20/24-MW18-091118-N				PTA-20/24-MW3-091118-N				PTA-20/24-MW8-091118-N			
09/11/2018				09/11/2018				09/11/2018			
N				N				N			
LL				LL				LL			
E537				E537				E537			
Ground Water				Ground Water				Ground Water			
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual				
PFASs											
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	5	U	5	U	5	U				
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	5	U	5	U	5	U				
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	6	U	6	U	6	U				
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	6	U	6	U	6	U				
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.7	U	2.7	U	2.7	U				
Perfluorobutanoic acid (PFBA)	375-22-4	12	U	12	U	12	U				
Perfluorodecanoic acid (PFDA)	335-76-2	3	U	3	U	3	U				
Perfluorododecanoic acid (PFDoA)	307-55-1	3	U	3	U	3	U				
Perfluoroheptanoic acid (PFHpA)	375-85-9	3	U	3.9	J	7.6					
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	2.7	U	2.7	U	7.8					
Perfluorohexanoic acid (PFHxA)	307-24-4	3	U	4.2	J	5.2					
Perfluorononanoic acid (PFNA)	375-95-1	3	U	3	U	3	U				
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	3	U	4.2	J	7.4					
Perfluorooctanoic acid (PFOA)	335-67-1	7.3		26		70					
Perfluoropentanoic acid (PFPeA)	2706-90-3	12	U	12	U	12	U				
Perfluorotetradecanoic acid (PFTeA)	376-06-7	3	U	3	U	3	U				
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	3	U	3	U	3	U				
Perfluoroundecanoic acid (PFUdA)	2058-94-8	3	U	3	U	3	U				
Qualifier	Description										
D	The analyte was analyzed at dilution.										
DJ	The analyte was analyzed at dilution and the result is an estimated qua										
J	The analyte was positively identified; however, the associated numeric										
R	The result is unusable. The sample result is rejected due to serious def										
U	The analyte was analyzed for, but the result was not detected above th										
UB	The analyte is considered nondetect at the listed value due to associate										
UJ	The analyte was analyzed for, but was not detected. The reported repo										
Lab Name	Description										
LL	Eurofins Lancaster Laboratories Environmental										
GCALBR	Gulf Coast Analytical Laboratories										

Army PFAS GW Data

Picatinny Arsenal				Picatinny Arsenal		Picatinny Arsenal	
SAB-GPB-1				SAB-SB1-1		SAB-SB1-2	
PTA-SAB-GPB-1-091418-N				PTA-SAB-SB1-1-091418-N		PTA-SAB-SB1-2-091418-N	
09/14/2018				09/14/2018		09/14/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	1.7	U	1.8	U	1.7	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1.7	U	1.8	U	1.7	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2	U	2.2	U	2.1	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2	U	2.2	U	2.1	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	9.1		0.99	U	6.7	
Perfluorobutanoic acid (PFBA)	375-22-4	5.3		4.3	U	4.2	J
Perfluorodecanoic acid (PFDA)	335-76-2	1	U	1.1	U	1	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1	U	1.1	U	1	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	3.3		1.1	U	3.8	
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	81		3.1		390	D
Perfluorohexanoic acid (PFHxA)	307-24-4	8.8		1.1	J	24	
Perfluorononanoic acid (PFNA)	375-95-1	2.8		1.1	U	1	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	130		3.4		300	D
Perfluorooctanoic acid (PFOA)	335-67-1	13		4.2		14	
Perfluoropentanoic acid (PFPeA)	2706-90-3	5.4		4.3	U	5.5	
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1	U	1.1	U	1	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1	U	1.1	U	1	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1	U	1.1	U	1	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Picatinny Arsenal				Picatinny Arsenal		Picatinny Arsenal	
SAB-SB1-3				SAB-SB2-1A		SAB-SB2-2	
PTA-SAB-SB1-3-091418-N				PTA-SAB-SB2-1A-091218-N		PTA-SAB-SB2-2-091218-N	
09/14/2018				09/12/2018		09/12/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	1.7	U	1.7	U	9.9	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1.7	U	1.7	U	9.9	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.1	U	2.1	U	12	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.1	U	2.1	U	12	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	1.4	J	0.96	U	5.5	U
Perfluorobutanoic acid (PFBA)	375-22-4	4.1	U	4.2	U	24	U
Perfluorodecanoic acid (PFDA)	335-76-2	1	U	1	U	6	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1	U	1	U	6	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.2	J	1.1	J	6	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	40		1.1	J	5.5	U
Perfluorohexanoic acid (PFHxA)	307-24-4	2.8		1.2	J	8.2	J
Perfluorononanoic acid (PFNA)	375-95-1	1	U	1	U	6	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	49		1	UB	6.8	J
Perfluorooctanoic acid (PFOA)	335-67-1	7.3		5.4		18	
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.1	U	4.2	U	24	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1	U	1	U	6	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1	U	1	U	6	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1	U	1	U	6	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Picatinny Arsenal				Picatinny Arsenal		Picatinny Arsenal	
SAB-SB2-3				SAB-SB3-1B		SAB-SB3-2	
PTA-SAB-SB2-3-091218-N				PTA-SAB-SB3-1B-091718-N		PTA-SAB-SB3-2-091718-N	
09/12/2018				09/17/2018		09/17/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	1.8	U	1.8	U	3.5	J
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1.8	U	1.8	U	3.3	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2.1	U	2.2	U	4	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2.1	U	2.2	U	4	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.97	U	1	U	3.5	
Perfluorobutanoic acid (PFBA)	375-22-4	4.2	U	4.4	U	8	U
Perfluorodecanoic acid (PFDA)	335-76-2	1.1	U	1.1	U	2	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1.1	U	1.1	U	2	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1.1	U	1.1	U	2	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.97	U	1	U	34	
Perfluorohexanoic acid (PFHxA)	307-24-4	1.1	U	1.1	U	17	
Perfluorononanoic acid (PFNA)	375-95-1	1.1	U	1.1	U	2	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.1	U	1.1	U	87	
Perfluorooctanoic acid (PFOA)	335-67-1	1.1	U	1.1	U	6.7	
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.2	U	4.4	U	8	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1.1	U	1.1	U	2	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1.1	U	1.1	U	2	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1.1	U	1.1	U	2	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Picatinny Arsenal				Picatinny Arsenal		Picatinny Arsenal	
SAB-SB3-3				SAB-SB4-1		SAB-SB4-2	
PTA-SAB-SB3-3-091718-N				PTA-SAB-SB4-1-091318-N		PTA-SAB-SB4-2-091318-N	
09/17/2018				09/13/2018		09/13/2018	
N				N		N	
LL				LL		LL	
E537				E537		E537	
Ground Water				Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual
PFASs							
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	1.7	U	1.7	U	1.7	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	1.7	U	1.7	U	1.7	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	2	U	2.1	U	2	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	2	U	2.1	U	2	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	2.3		0.96	U	0.93	U
Perfluorobutanoic acid (PFBA)	375-22-4	4.1	U	45		4.1	U
Perfluorodecanoic acid (PFDA)	335-76-2	1	U	1	U	1	U
Perfluorododecanoic acid (PFDoA)	307-55-1	1	U	1	U	1	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	1	U	7.7		1	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	3.4		0.96	U	0.93	U
Perfluorohexanoic acid (PFHxA)	307-24-4	1	U	8.5		1	U
Perfluorononanoic acid (PFNA)	375-95-1	1	U	2.5		1	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1	UB	1	UB	1	UB
Perfluorooctanoic acid (PFOA)	335-67-1	8.9		4.8		5.5	
Perfluoropentanoic acid (PFPeA)	2706-90-3	4.1	U	45		4.1	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	1	U	1	U	1	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	1	U	1	U	1	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	1	U	1	U	1	U
Qualifier	Description						
D	The analyte was analyzed at dilution.						
DJ	The analyte was analyzed at dilution and the result is an estimated qua						
J	The analyte was positively identified; however, the associated numeric						
R	The result is unusable. The sample result is rejected due to serious def						
U	The analyte was analyzed for, but the result was not detected above th						
UB	The analyte is considered nondetect at the listed value due to associate						
UJ	The analyte was analyzed for, but was not detected. The reported repo						
Lab Name	Description						
LL	Eurofins Lancaster Laboratories Environmental						
GCALBR	Gulf Coast Analytical Laboratories						

Army PFAS GW Data

Picatinny Arsenal				Picatinny Arsenal				Picatinny Arsenal			
SAB-SB4-3				SAB-SB4-3				SAB-SB4-4			
PTA-SAB-SB4-3-091318-N				PTA-DUP-1-091318FD / PTA-SAB-SB4-3-091318-N				PTA-SAB-SB4-4-091318-N			
09/13/2018				09/13/2018				09/13/2018			
N				FD				N			
LL				LL				LL			
E537				E537				E537			
Ground Water				Ground Water				Ground Water			
Analyte	CAS	Result	Qual	Result	Qual	Result	Qual				
PFASs											
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	10	U	9.9	U	1.8	U				
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	10	U	9.9	U	1.8	U				
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	12	U	12	U	2.1	U				
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	12	U	12	U	2.1	U				
Perfluorobutane sulfonic acid (PFBS)	375-73-5	5.5	U	5.4	U	0.98	U				
Perfluorobutanoic acid (PFBA)	375-22-4	24	U	24	U	4.3	U				
Perfluorodecanoic acid (PFDA)	335-76-2	6	U	5.9	U	1.1	U				
Perfluorododecanoic acid (PFDoA)	307-55-1	6	U	5.9	U	1.1	U				
Perfluoroheptanoic acid (PFHpA)	375-85-9	6	U	5.9	U	1.1	U				
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	5.5	U	5.6	J	0.98	U				
Perfluorohexanoic acid (PFHxA)	307-24-4	6	U	5.9	U	1.1	U				
Perfluorononanoic acid (PFNA)	375-95-1	6	U	5.9	U	1.1	U				
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	15		12		1.1	U				
Perfluorooctanoic acid (PFOA)	335-67-1	18		19		1.1	U				
Perfluoropentanoic acid (PFPeA)	2706-90-3	24	U	24	U	4.3	U				
Perfluorotetradecanoic acid (PFTeA)	376-06-7	6	U	5.9	U	1.1	U				
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	6	U	5.9	U	1.1	U				
Perfluoroundecanoic acid (PFUdA)	2058-94-8	6	U	5.9	U	1.1	U				
Qualifier	Description										
D	The analyte was analyzed at dilution.										
DJ	The analyte was analyzed at dilution and the result is an estimated qua										
J	The analyte was positively identified; however, the associated numeric										
R	The result is unusable. The sample result is rejected due to serious def										
U	The analyte was analyzed for, but the result was not detected above th										
UB	The analyte is considered nondetect at the listed value due to associate										
UJ	The analyte was analyzed for, but was not detected. The reported repo										
Lab Name	Description										
LL	Eurofins Lancaster Laboratories Environmental										
GCALBR	Gulf Coast Analytical Laboratories										

Army PFAS GW Data

		Picatinny Arsenal		Picatinny Arsenal	
		WWPT-38MW-1		WWPT-MW70-1A	
		PTA-WWPT-38MW-1-091918-N		PTA-WWPT-MW70-1A-091918-N	
		09/19/2018		09/19/2018	
		N		N	
		LL		LL	
		E537		E537	
		Ground Water		Ground Water	
Analyte	CAS	Result	Qual	Result	Qual
PFASs					
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	27619-97-2	9.8	U	10	U
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	39108-34-4	9.8	U	10	U
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	2991-50-6	12	U	12	U
N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA)	2355-31-9	12	U	12	U
Perfluorobutane sulfonic acid (PFBS)	375-73-5	5.4	U	5.5	U
Perfluorobutanoic acid (PFBA)	375-22-4	24	U	24	U
Perfluorodecanoic acid (PFDA)	335-76-2	5.9	U	6	U
Perfluorododecanoic acid (PFDoA)	307-55-1	5.9	U	6	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	5.9	U	6	U
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	5.4	U	5.5	U
Perfluorohexanoic acid (PFHxA)	307-24-4	5.9	U	6	U
Perfluorononanoic acid (PFNA)	375-95-1	5.9	U	6	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	5.9	U	6.7	J
Perfluorooctanoic acid (PFOA)	335-67-1	5.9	U	8	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	24	U	24	U
Perfluorotetradecanoic acid (PFTeA)	376-06-7	5.9	U	6	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	5.9	U	6	U
Perfluoroundecanoic acid (PFUdA)	2058-94-8	5.9	U	6	U
Qualifier	Description				
D	The analyte was analyzed at dilution.				
DJ	The analyte was analyzed at dilution and the result is an estimated qua				
J	The analyte was positively identified; however, the associated numeric				
R	The result is unusable. The sample result is rejected due to serious def				
U	The analyte was analyzed for, but the result was not detected above th				
UB	The analyte is considered nondetect at the listed value due to associat				
UJ	The analyte was analyzed for, but was not detected. The reported repo				
Lab Name	Description				
LL	Eurofins Lancaster Laboratories Environmental				
GCALBR	Gulf Coast Analytical Laboratories				