

Installation Name: Joint Base San Antonio

State: Texas

Installation Type: Active

DoD Component: Air Force

Table includes data for samples taken from 10/06/2021 - 02/24/2022

Joint Base San Antonio - Lackland, Randolph, Ft Sam Houston, Camp Bullis							
Results reported in parts per trillion (ppt)							
Laboratory Sample ID	FA89617-1	FA89617-2	FA90469-1	FA90469-2	FA90469-3	FA90469-4	FA90469-5
Sample Date (YYYYMMDD)	20211006	20211006	20211102	20211102	20211102	20211102	20211102
Analysis Method	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15
Units	ppt	ppt	ppt	ppt	ppt	ppt	ppt
4:2FTS	≤ 3.6 U	≤ 3.6 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
6:2FTS	216	234	≤ 8 U	≤ 8 U	≤ 8 U	53.6	16.4
8:2FTS	≤ 3.6 U	5.3 J	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
NEtFOSAA	≤ 3.6 U	≤ 3.6 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
NMeFOSAA	≤ 3.6 U	≤ 3.6 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
PFBS	237	162	118	69.3	61.9	44.1	70.7
PFBA	121	107	10.2 J	10.6 J	11.5 J	44.7	30.3
PFDS	≤ 1.8 U	≤ 1.8 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFDA	≤ 1.8 U	1.2 J	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFDoA	≤ 1.8 U	≤ 1.8 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFHpS	61.8	65.6	≤ 4 U	≤ 4 U	≤ 4 U	8.8	5.5 J
PFHpA	146	142	8.6	9.3	9.9	43.3	26.6
PFHxS	3130	2370	39.5	48.3	60.4	321	272
PFHxA	697	584	26.8	26.6	28.5	172	118
PFNS	≤ 1.8 U	≤ 1.8 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFNA	8.9	10.6	≤ 4 U	≤ 4 U	≤ 4 U	3.4 J	2.1 J
PFOSA	≤ 36 U	27.3 J	≤ 4 U	≤ 4 U	≤ 4 U	5.7 J	≤ 4 U
PFOS	1820	2420	36.4	46	57.1	339	162
PFOA	911	762	13.5	13.5	13.8	70.5	58.2
PFPeS	241	154	3.9 J	5.1 J	6.6 J	26.5	23.4
PFPeA	251	228	37.9	36.6	36.1	104	83.3
PFTeDA	≤ 1.8 U	≤ 1.8 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFTrDA	≤ 1.8 U	≤ 1.8 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFUnA	≤ 1.8 U	≤ 1.8 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U

Notes

Where there was individual or combined levels of PFOS and/or PFOA in drinking water above the 2016 U.S. Environmental Protection Agency’s (EPA’s) lifetime drinking water health advisories (HAs) resulting from DoD activities, the Department immediately took actions to address the drinking water exposure of 70 ppt.

J - The reported result was an estimate value.

U - The analyte was not detected and was reported as less than the Limit of Detection (LOD). The LOD has been adjusted for any dilution or concentration of the sample.

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Laboratory Sample ID	FA90469-6	FA90469-7	FA90469-8	FA90469-9	FA90470-1	FA90470-2	FA90470-3
Sample Date (YYYYMMDD)	20211102	20211102	20211102	20211102	20211102	20211102	20211102
Analysis Method	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15
Units	ppt	ppt	ppt	ppt	ppt	ppt	ppt
4:2FTS	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
6:2FTS	10.7 J	7.3 J	6 J	54	≤ 8 U	≤ 8 U	≤ 8 U
8:2FTS	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
NETFOSAA	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
NMeFOSAA	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
PFBS	44.9	33.4	38.4	43.8	33.6	33.9	39.4
PFBA	26.3	26.4	31.3	46.2	15.3 J	15.1 J	15.1 J
PFDS	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFDA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFDoA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFHpS	4.2 J	3.7 J	4.1 J	9.2	≤ 4 U	≤ 4 U	≤ 4 U
PFHpA	21.5	20.3	25.3	41.4	22.5	22.1	11.4
PFHxS	236	207	193	312	42.2	40.6	37.4
PFHxA	87.7	82	99.9	167	58.2	57.3	30.3
PFNS	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFNA	2.1 J	≤ 4 U	2 J	3.7 J	2.3 J	2.2 J	≤ 4 U
PFOSA	≤ 4 U	≤ 4 U	≤ 4 U	6 J	≤ 4 U	≤ 4 U	≤ 4 U
PFOS	132	126	110	346	51.3	51.6	41.4
PFOA	49.3	41	32.9	69.3	33.7	33.5	19.2
PFPeS	20.7	17.7	17.9	26.9	3.9 J	3.8 J	3.6 J
PFPeA	57.1	53.7	76	102	75	74.2	48.5
PFTeDA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFTrDA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFUnA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U

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Laboratory Sample ID	FA90470-4	FA90470-5	FA90470-6	FA90470-7	FA91307-2	FA91307-3	FA91307-4
Sample Date (YYYYMMDD)	20211103	20211103	20211103	20211103	20211103	20211103	20211103
Analysis Method	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15
Units	ppt	ppt	ppt	ppt	ppt	ppt	ppt
4:2FTS	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 U	≤ 8 U
6:2FTS	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 U	≤ 8 U
8:2FTS	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 U	≤ 8 U
NETFOSAA	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 U	≤ 8 U
NMeFOSAA	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 U	≤ 8 U
PFBS	39.8	39.8	39.5	33.4	74.6	67.7	≤ 4 U
PFBA	17.2	15.2 J	15.3 J	9.3 J	10.6 J	11.9 J	10.4 J
PFDS	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U
PFDA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U
PFDoA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U
PFHpS	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U
PFHpA	14.3	11.7	11.3	9.2	8.7	9	3.7 J
PFHxS	48	38.7	41.6	36.6	36.9	39	≤ 4 U
PFHxA	40.3	31.4	30.9	23	31.5	29.5	31.9
PFNS	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U
PFNA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U
PFOSA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U
PFOS	43.9	40.8	43.7	36.4	29.4	29.8	3 J
PFOA	22.6	18.6	19.5	15.6	13.9	13.7	14.4
PFPeS	4.3 J	4.2 J	3.9 J	3.8 J	3.4 J	3.6 J	≤ 4 U
PFPeA	59.3	46.7	46.9	32.2	44.4	41.8	36.5
PFTeDA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U
PFTrDA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U
PFUnA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 U	≤ 4 U

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Laboratory Sample ID	FA91307-5	FA91307-6	FA91307-7	FA92610-1	FA93448-1	FA93448-2	FA93448-3
Sample Date (YYYYMMDD)	20211103	20211103	20211103	20220125	20220224	20220224	20220224
Analysis Method	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15
Units	ppt	ppt	ppt	ppt	ppt	ppt	ppt
4:2FTS	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 u	≤ 8 u	≤ 8 u
6:2FTS	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 u	≤ 8 u	≤ 8 u
8:2FTS	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 u	≤ 8 u	≤ 8 u
NETFOSAA	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 u	≤ 8 u	≤ 8 u
NMeFOSAA	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U	≤ 8 u	≤ 8 u	≤ 8 u
PFBS	65	69.8	≤ 4 U	37	36.5	37.4	38.7
PFBA	43.5	48.1	10.3 J	14.2 J	13.5 J	13.3 J	14.6 J
PFDS	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 u	≤ 4 u	≤ 4 u
PFDA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 u	≤ 4 u	≤ 4 u
PFDoA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 u	≤ 4 u	≤ 4 u
PFHpS	8.4	9.4	≤ 4 U	≤ 4.2 U	≤ 4 u	≤ 4 u	≤ 4 u
PFHpA	37.5	41.8	3.7 J	6.9 J	8.1	9.6	12
PFHxS	389	425	4.5 J	40.1	35.7	42.1	43.6
PFHxA	147	165	31.3	19.3	24.4	25.1	33.2
PFNS	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 u	≤ 4 u	≤ 4 u
PFNA	2.4 J	2.6 J	≤ 4 U	≤ 4.2 U	≤ 4 u	≤ 4 u	≤ 4 u
PFOSA	≤ 4 U	≤ 4 U	≤ 4 U	3 J	≤ 4 u	≤ 4 u	16.2
PFOS	152	167	3.9 J	35.3	26.9	38.2	43.6
PFOA	72	80.4	14	12.6	12.5	15.3	22.2
PFPeS	36	39.3	≤ 4 U	3.8 J	3.8 J	4.1 J	4.2 J
PFPeA	91.7	105	38	30.6	37.1	40.6	49.1
PFTeDA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 u	≤ 4 u	≤ 4 u
PFTrDA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 u	≤ 4 u	≤ 4 u
PFUnA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U	≤ 4 u	≤ 4 u	≤ 4 u

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Laboratory Sample ID	FA93448-4	FA93448-5	FA93448-6	FA93448-8
Sample Date (YYYYMMDD)	20220224	20220224	20220224	20220224
Analysis Method	QSM B-15	QSM B-15	QSM B-15	QSM B-15
Units	ppt	ppt	ppt	ppt
4:2FTS	≤ 8 u	≤ 8 u	≤ 8 u	≤ 8 u
6:2FTS	≤ 8 u	≤ 8 u	≤ 8 u	≤ 8 u
8:2FTS	≤ 8 u	≤ 8 u	≤ 8 u	≤ 8 u
NEtFOSAA	≤ 8 u	≤ 8 u	≤ 8 u	≤ 8 u
NMeFOSAA	≤ 8 u	≤ 8 u	≤ 8 u	≤ 8 u
PFBS	40.7	38.5	37.7	38.1
PFBA	15.6 J	12.6 J	12.3 J	13.8 J
PFDS	≤ 4 u	≤ 4 u	≤ 4 u	≤ 4 u
PFDA	≤ 4 u	≤ 4 u	≤ 4 u	≤ 4 u
PFDoA	≤ 4 u	≤ 4 u	≤ 4 u	≤ 4 u
PFHpS	≤ 4 u	≤ 4 u	≤ 4 u	≤ 4 u
PFHpA	10.5	9.2	10.6	9.9
PFHxS	46.7	40.9	43.3	43.2
PFHxA	28.4	25	28	25.4
PFNS	≤ 4 u	≤ 4 u	≤ 4 u	≤ 4 u
PFNA	≤ 4 u	≤ 4 u	≤ 4 u	≤ 4 u
PFOSA	10.6	≤ 4 u	6 J	≤ 4 u
PFOS	42.8	38.1	41.8	39.6
PFOA	19.9	16.3	18.6	16
PFPeS	4.6 J	4.2 J	4.4 J	4.3 J
PFPeA	43.1	36.8	42.5	41.3
PFTeDA	≤ 4 u	≤ 4 u	≤ 4 u	≤ 4 u
PFTrDA	≤ 4 u	≤ 4 u	≤ 4 u	≤ 4 u
PFUnA	≤ 4 u	≤ 4 u	≤ 4 u	≤ 4 u

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