

Installation Name: Goodfellow AFB

State: Texas

Installation Type: Active

DoD Component: Air Force

Table includes data for samples taken from 10/12/2021 - 02/09/2022

Goodfellow AFB							
Results reported in parts per trillion (ppt)							
Laboratory Sample ID	FA89925-1	FA89925-2	FA89925-3	FA89925-4	FA90580-1	FA90580-2	FA90580-3
Sample Date (YYYYMMDD)	20211012	20211012	20211012	20211014	20211014	20211014	20211014
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	≤ 8 U	≤ 8 U	≤ 8 U	32	122	127	62.1
8:2FTS	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U	15.4 J	16.1	≤ 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	17.9	64.2	64.7	94.2	180	181	194
PFBA	16	37	37.6	63.9	81.7	83.4	91
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 U	4.1 J	4.3 J	11	55.6	52.9	27.8
PFHpA	8.3	25.7	26.2	25.7	75.1	77.3	67.9
PFHxS	18.4	213	213	225	882	819	671
PFHxA	18.8	100	102	185	336	343	275
PFNS	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	2.5 J	≤ 4 U
PFNA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	6.3 J	6.4 J	3 J
PFOSA	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U	6.4 J	6.2 J	≤ 4 U
PFOS	17.4	53.7	55.7	98.9	1560	1620	603
PFOA	16	16.4	16.8	24.3	90.9	92.6	60.5
PFPeS	5.7 J	60.5	62.1	69.9	191	194	165
PFPeA	19	88.3	90.3	118	159	161	176
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

**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	FA90580-4	FA91319-1	FA91319-2	FA91321-1	FA91321-2	FA91321-3	FA91319-3
Sample Date (YYYYMMDD)	20211014	20211202	20211202	20211202	20211202	20211202	20211203
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	≤ 8.3 U	≤ 8.3 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U
6:2FTS	≤ 8 U	≤ 8.3 U	34.6	10.3 J	10.7 J	≤ 8 U	63
8:2FTS	≤ 8 U	≤ 8.3 U	≤ 8.3 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U
NEtFOSAA	≤ 8 U	≤ 8.3 U	≤ 8.3 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U
NMeFOSAA	≤ 8 U	≤ 8.3 U	≤ 8.3 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8.3 U
PFBS	3.7 J	70.7	121	84	86.1	33.1	217
PFBA	≤ 8 U	37.2	79.9	47.8	48.1	24	94.4
PFDS	≤ 4 U	≤ 4.2 U	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U
PFDA	≤ 4 U	≤ 4.2 U	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U
PFDoA	≤ 4 U	≤ 4.2 U	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U
PFHpS	≤ 4 U	5.2 J	13.3	3.7 J	3.6 J	≤ 4 U	32.2
PFHpA	≤ 4 U	28.1	29.4	29	29.3	15.3	78.8
PFHxS	2.6 J	232	260	232	227	119	816
PFHxA	≤ 4 U	109	241	132	134	43.7	340
PFNS	≤ 4 U	≤ 4.2 U	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U
PFNA	≤ 4 U	≤ 4.2 U	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	3.1 J
PFOSA	≤ 4 U	≤ 4.2 U	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U
PFOS	3.5 J	56.6	105	27.4	28.5	23.4	607
PFOA	2.9 J	18.2	27.1	18.3	18.7	21.8	67.4
PFPeS	≤ 4 U	62.4	80.6	74.5	78.6	18.1	194
PFPeA	≤ 4 U	93.6	149	104	104	40.3	208
PFTeDA	≤ 4 U	≤ 4.2 U	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U
PFTrDA	≤ 4 U	≤ 4.2 U	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U
PFUnA	≤ 4 U	≤ 4.2 U	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4.2 U

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Goodfellow AFB Results reported in parts per trillion (ppt)					
Laboratory Sample ID	FA91319-4	FA93036-1	FA93037-1	FA93037-2	FA93037-3
Sample Date (YYYYMMDD)	20211203	20220209	20220209	20220209	20220209
Analysis Method	QSM B-15	QSM B-15	QSM B-15	QSM B-15	QSM B-15
Units	ppt	ppt	ppt	ppt	ppt
4:2FTS	≤ 8.3 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
6:2FTS	47.6	≤ 8 U	33.4	32.3	≤ 8 U
8:2FTS	4.6 J	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
NETFOSAA	≤ 8.3 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
NMeFOSAA	≤ 8.3 U	≤ 8 U	≤ 8 U	≤ 8 U	≤ 8 U
PFBS	146	8.1	134	129	84.5
PFBA	63.8	11.4 J	86.2	82	43.7
PFDS	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFDA	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFDoA	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFHpS	42.5	≤ 4 U	12.8	12	5.5 J
PFHpA	60.8	4.9 J	35.6	34	37
PFHxS	861	5.3 J	271	260	254
PFHxA	259	12.5	274	262	136
PFNS	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFNA	4.1 J	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFOSA	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFOS	906	8.5	112	105	66.1
PFOA	67.2	8.5	29.1	28.6	28
PFPeS	175	≤ 4 U	90.6	89.6	79.6
PFPeA	131	14.3	168	161	114
PFTeDA	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFTrDA	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U
PFUnA	≤ 4.2 U	≤ 4 U	≤ 4 U	≤ 4 U	≤ 4 U

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