

Shaw AFB Results reported in parts per trillion (ppt)						
Laboratory Sample ID	XC07045-018	XC07045-019	XC08075-002	XC08075-019	XC08075-010	XC08075-017
Sample Date (YYYYMMDD)	20220307	20220307	20220308	20220308	20220308	20220308
Analysis Method	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
11CI-PF3OUdS	≤ 7.5 U	≤ 3.5 U	≤ 3.5 U	≤ 3.7 U	≤ 3.9 U	≤ 3.7 U
ADONA	≤ 7.5 U	≤ 3.5 U	≤ 3.5 U	≤ 3.7 U	≤ 3.9 U	≤ 3.7 U
9CI-PF3ONS	≤ 7.5 U	≤ 3.5 U	≤ 3.5 U	≤ 3.7 U	≤ 3.9 U	≤ 3.7 U
HFPO-DA	≤ 7.5 U	≤ 3.5 U	≤ 3.5 U	≤ 3.7 U	≤ 3.9 U	≤ 3.7 U
NEtFOSAA	≤ 7.5 U	≤ 3.5 U	≤ 3.5 U	≤ 3.7 U	≤ 3.9 U	≤ 3.7 U
NMeFOSAA	≤ 7.5 U	≤ 3.5 U	≤ 3.5 U	≤ 3.7 U	≤ 3.9 U	≤ 3.7 U
PFBS	≤ 3.9 U	1 J	4	5.5	22	15
PFDA	≤ 3.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 2 U	≤ 1.8 U
PFDoA	≤ 3.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 2 U	≤ 1.8 U
PFHpA	≤ 3.9 U	≤ 1.8 U	5.9	2.3 J	4.1	1.5 J
PFHxS	≤ 3.9 U	≤ 1.8 U	33	8.3	6.3	1.8 J
PFHxA	≤ 3.9 U	≤ 1.8 U	11	6.1	6.7	3.2 J
PFNA	≤ 3.9 U	≤ 1.8 U	0.9 J	≤ 1.8 U	1.2 J	≤ 1.8 U
PFOS	≤ 3.9 U	≤ 1.8 U	24	23	24	3.3 J
PFOA	≤ 3.9 U	≤ 1.8 U	9.2	5.6	13	5
PFTeDA	≤ 3.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 2 U	≤ 1.8 U
PFTrDA	≤ 3.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 2 U	≤ 1.8 U
PFUnA	≤ 3.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 2 U	≤ 1.8 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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Shaw AFB Results reported in parts per trillion (ppt)						
Laboratory Sample ID	XC08075-006	XC08075-003	XC08075-004	XC08075-012	XC08075-023	XC08075-015
Sample Date (YYYYMMDD)	20220308	20220308	20220308	20220308	20220308	20220308
Analysis Method	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
11CI-PF3OUdS	≤ 3.8 U	≤ 3.5 U	≤ 3.6 U	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U
ADONA	≤ 3.8 U	≤ 3.5 U	≤ 3.6 U	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U
9CI-PF3ONS	≤ 3.8 U	≤ 3.5 U	≤ 3.6 U	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U
HFPO-DA	≤ 3.8 U	≤ 3.5 U	≤ 3.6 U	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U
NEtFOSAA	≤ 3.8 U	≤ 3.5 U	≤ 3.6 U	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U
NMeFOSAA	≤ 3.8 U	≤ 3.5 U	≤ 3.6 U	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U
PFBS	4.2	5.7	3 J	22	28	14
PFDA	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U
PFDoA	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U
PFHpA	3.1 J	6.6	9.3	3.1 J	2.6 J	4
PFHxS	53	30 J	20	8.9	18	4.6
PFHxA	8.4	12	21	4.1	3.1 J	7.2
PFNA	≤ 1.9 U	0.9 J	10	1.2 J	≤ 1.9 U	0.9 J
PFOS	48	35	45	37	33	32
PFOA	6.5	9.7	18	17	10	16
PFTeDA	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U
PFTrDA	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U
PFUnA	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U

Notes

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Shaw AFB Results reported in parts per trillion (ppt)						
Laboratory Sample ID	XC08075-022	XC08075-009	XC08075-008	XC08075-013	XC08075-021	XC08075-011
Sample Date (YYYYMMDD)	20220308	20220308	20220308	20220308	20220308	20220308
Analysis Method	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
11CI-PF3OUdS	≤ 3.5 U	≤ 3.9 U	≤ 3.8 U	≤ 3.8 U	≤ 4 U	≤ 3.6 U
ADONA	≤ 3.5 U	≤ 3.9 U	≤ 3.8 U	≤ 3.8 U	≤ 4 U	≤ 3.6 U
9CI-PF3ONS	≤ 3.5 U	≤ 3.9 U	≤ 3.8 U	≤ 3.8 U	≤ 4 U	≤ 3.6 U
HFPO-DA	≤ 3.5 U	≤ 3.9 U	≤ 3.8 U	≤ 3.8 U	≤ 4 U	≤ 3.6 U
NEtFOSAA	≤ 3.5 U	≤ 3.9 U	≤ 3.8 U	≤ 3.8 U	≤ 4 U	≤ 3.6 U
NMeFOSAA	≤ 3.5 U	≤ 3.9 U	≤ 3.8 U	≤ 3.8 U	≤ 4 U	≤ 3.6 U
PFBS	25	31	11	6.4	2.6 J	5.9
PFDA	≤ 1.7 U	≤ 2 U	≤ 1.9 U	≤ 1.9 U	≤ 2 U	≤ 1.8 U
PFDoA	≤ 1.7 U	≤ 2 U	≤ 1.9 U	≤ 1.9 U	≤ 2 U	≤ 1.8 U
PFHpA	8.3	3.2 J	4.1	9.8	3.2 J	4
PFHxS	7.7	16	14	60	9.9	6
PFHxA	10	4.2	6	27	6.4	4.1
PFNA	1.3 J	≤ 2 U	≤ 1.9 U	3.8	≤ 2 U	0.9 J
PFOS	24	30	31	77	29	27
PFOA	27	12	12	16	6.9	15
PFTeDA	≤ 1.7 U	≤ 2 U	≤ 1.9 U	≤ 1.9 U	≤ 1.9 U	≤ 1.8 U
PFTrDA	≤ 1.7 U	≤ 2 U	≤ 1.9 U	≤ 1.9 U	≤ 2 U	≤ 1.8 U
PFUnA	≤ 1.7 U	≤ 2 U	≤ 1.9 U	≤ 1.9 U	≤ 2 U	≤ 1.8 U

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Shaw AFB Results reported in parts per trillion (ppt)						
Laboratory Sample ID	XC08075-024	XC08075-018	XC08075-007	XC08075-014	XC08075-025	XC08075-020
Sample Date (YYYYMMDD)	20220308	20220308	20220308	20220308	20220308	20220308
Analysis Method	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
11CI-PF3OUdS	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U	≤ 3.6 U	≤ 3.6 U	≤ 3.5 U
ADONA	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U	≤ 3.6 U	≤ 3.6 U	≤ 3.5 U
9CI-PF3ONS	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U	≤ 3.6 U	≤ 3.6 U	≤ 3.5 U
HFPO-DA	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U	≤ 3.6 U	≤ 3.6 U	≤ 3.5 U
NEtFOSAA	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U	≤ 3.6 U	≤ 3.6 U	≤ 3.5 U
NMeFOSAA	≤ 3.6 U	≤ 3.7 U	≤ 3.8 U	≤ 3.6 U	≤ 3.6 U	≤ 3.5 U
PFBS	5	1.2 J	4.3	14	21	11
PFDA	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U
PFDoA	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U
PFHpA	3.3 J	78	2.1 J	1.6 J	7	3.7
PFHxS	6.3	8.1	10	2.1 J	6.9	13
PFHxA	3.7	70	6.4	1.3 J	5.9	6
PFNA	1 J	≤ 1.9 U	≤ 1.9 U	≤ 1.8 U	1.9 J	1 J
PFOS	33	2.1 J	25	11	42	27
PFOA	19	28	5.1	7.9	25	12
PFTeDA	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U
PFTrDA	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U
PFUnA	≤ 1.8 U	≤ 1.9 U	≤ 1.9 U	≤ 1.8 U	≤ 1.8 U	≤ 1.8 U

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Shaw AFB Results reported in parts per trillion (ppt)						
Laboratory Sample ID	XC09028-007	XC09028-008	XC09028-009	XC09028-004	XC09028-005	XC09028-003
Sample Date (YYYYMMDD)	20220309	20220309	20220309	20220309	20220309	20220309
Analysis Method	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
11CI-PF3OUdS	≤ 3.8 U	≤ 3.5 U	≤ 3.7 U	≤ 3.6 U	≤ 3.9 U	≤ 3.7 U
ADONA	≤ 3.8 U	≤ 3.5 U	≤ 3.7 U	≤ 3.6 U	≤ 3.9 U	≤ 3.7 U
9CI-PF3ONS	≤ 3.8 U	≤ 3.5 U	≤ 3.7 U	≤ 3.6 U	≤ 3.9 U	≤ 3.7 U
HFPO-DA	≤ 3.8 U	≤ 3.5 U	≤ 3.7 U	≤ 3.6 U	≤ 3.9 U	≤ 3.7 U
NEtFOSAA	≤ 3.8 U	≤ 3.5 U	≤ 3.7 U	≤ 3.6 U	≤ 3.9 U	≤ 3.7 U
NMeFOSAA	≤ 3.8 U	≤ 3.5 U	≤ 3.7 U	≤ 3.6 U	≤ 3.9 U	≤ 3.7 U
PFBS	5.3	5.5	18	27	16	1.9 J
PFDA	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U
PFDoA	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U
PFHpA	≤ 1.9 U	4.2	5	4.8	5.1	1.8 J
PFHxS	≤ 1.9 U	8	6.9	10	11	4.2
PFHxA	0.9 J	5.8	7.2	5.3	5.4	2 J
PFNA	≤ 1.9 U	≤ 1.8 U	1.9 J	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U
PFOS	1.1 J	20	35	28	27	15
PFOA	1.7 J	17	18	20	26	8.3
PFTeDA	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U
PFTrDA	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U
PFUnA	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U	≤ 1.9 U	≤ 1.8 U

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	Shaw AFB Results reported in parts per trillion (ppt)	
Laboratory Sample ID	XC09028-006	XC09028-002
Sample Date (YYYYMMDD)	20220309	20220309
Analysis Method	QSM B-15	QSM B-15
Units	ppt	ppt
11CI-PF3OUdS	≤ 3.6 U	≤ 3.7 U
ADONA	≤ 3.6 U	≤ 3.7 U
9CI-PF3ONS	≤ 3.6 U	≤ 3.7 U
HFPO-DA	≤ 3.6 U	≤ 3.7 U
NEtFOSAA	≤ 3.6 U	≤ 3.7 U
NMeFOSAA	≤ 3.6 U	≤ 3.7 U
PFBS	70	6.6
PFDA	≤ 1.8 U	≤ 1.9 U
PFDoA	≤ 1.8 U	≤ 1.9 U
PFHpA	5.4	4.4
PFHxS	8	8.2
PFHxA	5.7	5.5
PFNA	≤ 1.8 U	1.3 J
PFOS	41	24
PFOA	23	16
PFTeDA	≤ 1.8 U	≤ 1.9 U
PFTrDA	≤ 1.8 U	≤ 1.9 U
PFUnA	≤ 1.8 U	≤ 1.9 U

Notes

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