

Joint Base Andrews
Case No. 26-0420PB
Surface Water Samples

Constituent of Concern	Units	Surface Water Action Level	Laboratory Reported Concentration (parts per billion)				
			Sample 1 - Collection location on Base				
			4/13/2026 MDE	4/20/2026 MDE	4/20/2026 JBA	4/28/2026 JBA	Week 3 JBA
n-Butylbenzene	ppb	2 ppb	1.4J	<2.0	<i>pending</i>	<i>pending</i>	
Benzene	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
Ethylbenzene	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
Naphthalene	ppb	2 ppb	11.8	2.7	<i>pending</i>	<i>pending</i>	
Toluene	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
Total Xylenes	ppb	2 ppb	2.6J	3.2	<i>pending</i>	<i>pending</i>	
1,2,4-Trimethylbenzene	ppb	2 ppb	11	6.2	<i>pending</i>	<i>pending</i>	
1,3,5-Trimethylbenzene	ppb	2 ppb	2.8	2.1	<i>pending</i>	<i>pending</i>	
Tetrachloroethene (PCE)	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
Trichloroethene (TCE)	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
TPH-DRO	ppb	47 ppb	441	51.4	<i>pending</i>	<i>pending</i>	
TPH-GRO	ppb	47 ppb	75.1	296	<i>pending</i>	<i>pending</i>	
PFAS Compounds							
6:2FTS	ppt	NA	245	206	<i>pending</i>	<i>pending</i>	
PFBA	ppt	NA	64.2	63	<i>pending</i>	<i>pending</i>	
PFBS-L	ppt	NA	95.5	83.1	<i>pending</i>	<i>pending</i>	
PFHpA	ppt	NA	84.6	78.5	<i>pending</i>	<i>pending</i>	
PFHpS-L	ppt	NA	27.2	24.7	<i>pending</i>	<i>pending</i>	
PFHxA	ppt	NA	343	337	<i>pending</i>	<i>pending</i>	
PFHxS Total	ppt	NA	1130	950	<i>pending</i>	<i>pending</i>	
PFNA Total	ppt	NA	22.3	20.7	<i>pending</i>	<i>pending</i>	
PFOA Total	ppt	NA	514	449	<i>pending</i>	<i>pending</i>	
PFOS Total	ppt	NA	946	872	<i>pending</i>	<i>pending</i>	
PFOSA Total	ppt	NA	6.7	7.13	<i>pending</i>	<i>pending</i>	
PFPeA	ppt	NA	211	191	<i>pending</i>	<i>pending</i>	
PFPeS-L	ppt	NA	103	87.1	<i>pending</i>	<i>pending</i>	

Sample 2 - Collection location on Base.							
			4/13/2026 MDE	4/20/2026 MDE	4/20/2026 JBA	4/28/2026 JBA	Week 3 JBA
n-Butylbenzene	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
Benzene	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
Ethylbenzene	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
Naphthalene	ppb	2 ppb	10	2.9	<i>pending</i>	<i>pending</i>	
Toluene	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
Total Xylenes	ppb	2 ppb	2.5J	2.9	<i>pending</i>	<i>pending</i>	
1,2,4-Trimethylbenzene	ppb	2 ppb	9.9	6.2	<i>pending</i>	<i>pending</i>	
1,3,5-Trimethylbenzene	ppb	2 ppb	2.5	2	<i>pending</i>	<i>pending</i>	
Tetrachloroethene (PCE)	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
Trichloroethene (TCE)	ppb	2 ppb	<2.0	<2.0	<i>pending</i>	<i>pending</i>	
TPH-DRO	ppb	47 ppb	470	ND	<i>pending</i>	<i>pending</i>	
TPH-GRO	ppb	47 ppb	78.7	298	<i>pending</i>	<i>pending</i>	
PFAS Compounds							
6:2FTS	ppt	NA	249	229	<i>pending</i>	<i>pending</i>	
PFBA	ppt	NA	63.8	66.1	<i>pending</i>	<i>pending</i>	
PFBS-L	ppt	NA	95.4	83.8	<i>pending</i>	<i>pending</i>	
PFHpA	ppt	NA	87.2	83.86	<i>pending</i>	<i>pending</i>	
PFHpS-L	ppt	NA	26.5	29.2	<i>pending</i>	<i>pending</i>	
PFHxA	ppt	NA	350	354	<i>pending</i>	<i>pending</i>	
PFHxS Total	ppt	NA	1080	1030	<i>pending</i>	<i>pending</i>	
PFNA Total	ppt	NA	21.7	19.6	<i>pending</i>	<i>pending</i>	
PFOA Total	ppt	NA	526	443	<i>pending</i>	<i>pending</i>	
PFOS Total	ppt	NA	866	953	<i>pending</i>	<i>pending</i>	
PFOSA Total	ppt	NA	5.57	6.12	<i>pending</i>	<i>pending</i>	
PFPeA	ppt	NA	211	204	<i>pending</i>	<i>pending</i>	
PFPeS-L	ppt	NA	96	92.5	<i>pending</i>	<i>pending</i>	

Samples 3 - Collected off -Base (38.78757, -76.86382)							
			4/13/2026 MDE	4/20/2026 MDE	4/20/2026 JBA	4/28/2026 JBA	Week 3 JBA
n-Butylbenzene	ppb	2 ppb	<2.0	<2.0	pending	pending	
Benzene	ppb	2 ppb	<2.0	<2.0	pending	pending	
Ethylbenzene	ppb	2 ppb	<2.0	<2.0	pending	pending	
Naphthalene	ppb	2 ppb	4.8	3.6	pending	pending	
Toluene(ppb)	ppb	2 ppb	<2.0	<2.0	pending	pending	
Total Xylenes	ppb	2 ppb	<2.0	4.5	pending	pending	
1,2,4-Trimethylbenzene	ppb	2 ppb	2.8	6.4	pending	pending	
1,3,5-Trimethylbenzene	ppb	2 ppb	<2.0	2.1	pending	pending	
Tetrachloroethene (PCE)	ppb	2 ppb	<2.0	<2.0	pending	pending	
Trichloroethene (TCE)	ppb	2 ppb	<2.0	<2.0	pending	pending	
TPH-DRO	ppb	47 ppb	378	289	pending	pending	
TPH-GRO	ppb	47 ppb	<100	ND	pending	pending	
PFAS compounds							
6:2FTS	ppt	NA	194	184	pending	pending	
PFBA	ppt	NA	57.2	62.1	pending	pending	
PFBS-L	ppt	NA	82.4	75.1	pending	pending	
PFHpA	ppt	NA	75.4	70.9	pending	pending	
PFHpS-L	ppt	NA	24.3	21.8	pending	pending	
PFHxA	ppt	NA	299	328	pending	pending	
PFHxS Total	ppt	NA	1000	872	pending	pending	
PFNA Total	ppt	NA	20.2	19.2	pending	pending	
PFOA Total	ppt	NA	478	406	pending	pending	
PFOS Total	ppt	NA	869	733	pending	pending	
PFOSA Total	ppt	NA	7.92	6.38	pending	pending	
PFPeA	ppt	NA	183	186	pending	pending	
PFPeS-L	ppt	NA	84.7	78	pending	pending	

Notes:

J - estimated value

< - less than

ppb - parts per billion, ug/L

ppb - parts per trillion, ng/L