

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

Date	Collector	VOC Constituents	n-Butylbenzene	Benzene	Ethylbenzene	Naphthalene	Toluene	Total Xylenes	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	TPH-DRO	TPH-GRO	PFAS Compounds	6:2FTS	PFBA	PFBS-L	PFHpA	PFHpS-L	PFHxA	PFHxS Total	PFNA Total	PFOA Total	PFOS Total	PFOSA Total	PFPeA	PPeS-L
Surface Water	Action Level	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	47 ppb	47 ppb		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sample 1 - Collection location on Base																												
4/13/2026	MDE		1.4J	<1.0	<1.0	11.8	<1.0	2.6 J	11	2.8	<1.0	<1.0	441	75.1		245	64.2	95.5	84.6	27.2	343	1130	22.3	514	946	6.7	211	103
4/20/2026	MDE		<1.0	<1.0	<1.0	2.7	<1.0	3.2	6.2	2.1	<1.0	<1.0	296	51.4		206	63	83.1	78.5	24.7	337	950	20.7	449	872	7.13	191	87.1
4/20/2026	JBA		NA	<423	NA	NA	NA	NA	NA	NA	NA	<423	610	<169,000		225	74.5	115	93.9	31.7	410	1350	22	512	1120	5.3	234	132
4/28/2026	JBA		NA	<423	NA	NA	NA	NA	NA	NA	NA	<423	269	<169,000		208	63.5	101	82.3	41.5	332E	1280E	20.6	498E	1270E	4.83	200	140
5/4/2026	JBA		NA	<423	NA	NA	NA	NA	NA	NA	NA	<423	216J	<169,000		207	64.6	104	82.5	36.3	344	1320	19	516	1080	3.96	206	144
5/11/2026	JBA~		<1.0*	<1.0*	<1.0*	<2.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	228	30.8		202	61.9	96.5	83.4	42.3	318E	1250E	20.5	453E	1250E	4.58	191	133
5/18/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	280	<45.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/18/2026	JBA~		<1.0*	<1.0*	<1.0*	<2.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	392	21.1		202	62.7	105	88.6	39.9	343E	1340E	20.2	480E	1230E	6.13	199	146
5/26/2026	JBA		<1.0*	<1.0*	<1.0*	<2.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	157*	21.4		172	59.9	80.8	77.6	35.6	287E	1050E	20.6	385E	1120E	6.65	194	108
6/3/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	111	23.6		249	74.5	121	100	43.5	400	1440	22.5	570	1280	8.85	230	163
6/8/2026	JBA		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	298*	23J		206	60.3	100	79.3	43.4	321E	1210E	19.6	479E	1210E	4.42	186	135
6/16/2026	JBA		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	182	33.9		229	68	109	86.6	47.4	356E	1390E	21.8	527E	1360E	6.15	206	151
6/24/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	108	<45.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6/24/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	112	22.8J		164	63.6	76.4	70.1	33	290E	945E	17.8	326E	1110E	6.3	201	89.7
6/29/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	0.248J	<1.0	<1.0	<1.0	334	23.4J		210	66.4	93.8	83.5	34.8	318E	1190E	18.3	427E	1120E	7.04	204	120
7/6/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	118	18.7J		181	61.1	81.3	75.4	35.7	297	1070E	17.9	416	1140E	5.27	193	122
7/15/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	130	21.7J		199	61.1	97.1	79.8	43.5	313	1300E	18.7	473E	1320E	6.68	192	161
7/22/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	187	19.4J		69.6	33.7	34.5	39.4	13.4	127	442	12.9	148	578E	4.22	107	38.6
7/29/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	73.8	17.6J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/5/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	97.4	<45.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/5/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	104	25.2J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/12/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	116J	19.4J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/19/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	106	21.8J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/26/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	94.7	27J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sample 2 - Collection location on Base																												
4/13/2026	MDE		<1.0	<1.0	<1.0	10	<1.0	2.5J	9.9	2.5	<1.0	<1.0	470	78.7		249	63.8	95.4	87.2	26.5	350	1080	21.7	526	866	5.57	211	96
4/20/2026	MDE		<1.0	<1.0	<1.0	2.9	<1.0	2.9	6.2	2	<1.0	<1.0	298	<45.0		229	66.1	83.8	83.86	29.2	354	1030	19.6	443	953	6.12	204	92.5
4/20/2026	JBA		NA	<423	NA	NA	NA	NA	NA	NA	NA	<423	441	<169,000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2026	JBA		NA	<423	NA	NA	NA	NA	NA	NA	NA	<423	346	<169,000		246	73.5	117	96.9	48.6	393E	1530E	23.6	598E	1470E	5.32	231	175
5/4/2026	JBA		NA	<423	NA	NA	NA	NA	NA	NA	NA	<423	573	<169,000		239	72.9	120	95.4	49.1	399	1530	23	564	1500	5.02	232	176
5/11/2026	JBA~		<1.0*	<1.0*	<1.0*	<2.0*	0.321*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	354	74*		222	68.1	101	88.3	44.4	355E	1290E	21.1	484E	1320E	1.06	213	139
5/18/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	622	<45.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/18/2026	JBA~		<1.0*	<1.0*	<1.0*	<2.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	8840	21.2		242	70.9	117	98.7	48.1	374E	1510E	22.2	549E	1390E	5.8	226	183E
5/26/2026	JBA		<1.0*	<1.0*	<1.0*	<2.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	213*	22.4J		193	67.9	88	87.5	36.1	329E	1150E	21.9	422E	1120E	6.73	220	119
6/3/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	113	21.6		263	75.3	124	104	52.4	406	1620	24.2	604	1430	11.1	238	192
6/8/2026	JBA		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	166*	19.9J		273	78.2	131	102	55.7	421E	1570E	26.6	604E	1560E	5.62	244	179
6/16/2026	JBA		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	257	27.9		257	73.5	118	96.3	65.6	399E	1440E	22.4	548E	1650E	6.51	226	168
6/24/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	103	<45.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6/24/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	154	24.4J		173	65.4	78.3	76.1	34.6	293E	1000E	20.3	365E	1270E	6.51	211	99
6/29/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	0.294J	<1.0	<1.0	<1.0	392	26J		243	76.9											

Date	Collector	VOC Constituents	n-Butylbenzene	Benzene	Ethylbenzene	Naphthalene	Toluene	Total Xylenes	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	TPH-DRO	TPH-GRO	PFAS Compounds	6:2FTS	PFBA	PFBS-L	PFHpA	PFHpS-L	PFHxA	PFHxS Total	PFNA Total	PFOA Total	PFOS Total	PFOSA Total	PFPeA	PFPeS-L
Surface Water Action Level			2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	2 ppb	47 ppb	47 ppb		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Samples 3 - Collected off -Base																												
4/13/2026	MDE		<1.0	<1.0	<1.0	4.8	<1.0	<1.0	2.8	<1.0	<1.0	<1.0	378	<45.0		194	57.2	82.4	75.4	24.3	299	1000	20.2	478	869	7.92	183	84.7
4/20/2026	MDE		<1.0	<1.0	<1.0	3.6	<1.0	4.5	6.4	2.1	<1.0	<1.0	289	<45.0		184	62.1	75.1	70.9	21.8	328	872	19.2	406	733	6.38	186	78
4/20/2026	JBA		NA	<423	NA	NA	NA	NA	NA	NA	NA	<423	944	<169,000		188	69.7	98.8	82.2	28.6	395	1110	18.8	458	964	4.5	212	110
4/28/2026	JBA		NA	<423	NA	NA	NA	NA	NA	NA	NA	<423	312	<169,000		202	63.4	103	81.3	41.8	335E	1330E	22.1	514E	1430E	5.91	199	139
5/4/2026	JBA		NA	<423	NA	NA	NA	NA	NA	NA	NA	<423	411	<169,000		102	32.5	52.7	42.1	22.1	176	672	9.61	260	615	4.53	99.2	76.9
5/11/2026	JBA~		<1.0*	<1.0*	<1.0*	<2.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	445	22.1		192	60.7	91.8	80.6	33.6	316E	1130E	18.7	434E	1110E	3.82	184	110
5/18/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	75.7	<45.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/18/2026	JBA~		<1.0*	<1.0*	<1.0*	<2.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	215	19.9		198	61.7	97.9	85.1	41	321E	1290E	19.1	488E	1200E	4.58	193	145
5/26/2026	JBA		<1.0*	<1.0*	<1.0*	<2.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	194*	19.6J		173	59.9	82.3	76.3	27.3	279E	1020E	19.2	403E	890E	5.46	196	102
6/3/2026	JBA		<1.0*	<1.0*	<1.0*	<2.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	<1.0*	181	90.5		223	67.5	111	92	5035	369	1400	23.8	539	1520	20.4	208	157
6/8/2026	JBA		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	140*	20.7J		229	69.8	114	93.9	47.3	368E	1430E	20.3	565E	1280E	3.97	215	168
6/16/2026	JBA		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	162	27.6		211	65.6	104	89.8	49.7	340E	1320E	22.8	497E	1540E	5.46	200	143
6/24/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	146	<45		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6/24/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	140	21J		118	53.7	59.8	55.9	23.4	227E	745E	15.1	266E	887E	4.83	169	68.4
6/29/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	297	24.3J		195	68.6	93.1	80.9	30.2	319E	1110E	18.7	420E	1020E	7.02	208	107
7/6/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	255	17.9J		151	58.1	76.3	69.8	31	274	1000E	16.2	368	967E	4.17	183	113
7/15/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	149	20.7J		206	68.7	109	92.1	55.2	350	1420E	23.8	555E	1730E	6.9	216	174
7/22/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	150	24.7J		35	25.1	23.4	29.4	8.34	86.1	308	9.89	105	393	2.66	72.7	24.6
7/29/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	136	22.5J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/5/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	77.8	<45.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/5/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	93.1	20.6J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/12/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	96	19.2J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/19/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	83	21.4J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/26/2026	JBA		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	60.5	24.8J		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Samples 4 - Farmington Landing on Wharf Road, Accokeek MD (38.694573, -77.013863)																												
6/24/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	61.7	<45		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8/5/2026	MDE		<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	55	<45		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
? - Results Pending
J or E - estimated value
< - less than
ppb - parts per billion, ug/L
ppt - parts per trillion, ng/L
NA - Not analyzed
* Analyzed outside of required method or method standards