

**Joint Base Andrews**  
**Case No. 26-0420PG**  
**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	5/4/26 JBA	5/11/26 JBA	5/18/26 MDE	5/18/26 JBA
<b>n-Butylbenzene</b>	ppb	2 ppb	<b>1.4J</b>	<2.0	NA	pending	NA	pending	pending	pending
Benzene	ppb	2 ppb	<2.0	<2.0	<0.5*	pending	<0.5*	pending	pending	pending
Ethylbenzene	ppb	2 ppb	<2.0	<2.0	NA	pending	NA	pending	pending	pending
<b>Naphthalene</b>	ppb	2 ppb	<b>11.8</b>	<b>2.7</b>	NA	pending	NA	pending	pending	pending
Toluene	ppb	2 ppb	<2.0	<2.0	NA	pending	NA	pending	pending	pending
<b>Total Xylenes</b>	ppb	2 ppb	<b>2.6J</b>	<b>3.2</b>	NA	pending	NA	pending	pending	pending
<b>1,2,4-Trimethylbenzene</b>	ppb	2 ppb	<b>11</b>	<b>6.2</b>	NA	pending	NA	pending	pending	pending
<b>1,3,5-Trimethylbenzene</b>	ppb	2 ppb	<b>2.8</b>	<b>2.1</b>	NA	pending	NA	pending	pending	pending
Tetrachloroethene (PCE)	ppb	2 ppb	<2.0	<2.0	NA	pending	NA	pending	pending	pending
Trichloroethene (TCE)	ppb	2 ppb	<2.0	<2.0	<0.7*	pending	<0.7*	pending	pending	pending
TPH-DRO	ppb	47 ppb	<b>441</b>	<b>51.4</b>	<b>610</b>	pending	216j	pending	pending	pending
TPH-GRO	ppb	47 ppb	<b>75.1</b>	<b>296</b>	<169	pending	<169	pending	pending	pending
<b>PFAS Compounds</b>										
6:2FTS	ppt	NA	<b>245</b>	<b>206</b>	<b>225</b>	pending	207	pending	pending	pending
PFBA	ppt	NA	<b>64.2</b>	<b>63</b>	<b>74.5</b>	pending	64.6	pending	pending	pending
PFBS-L	ppt	NA	<b>95.5</b>	<b>83.1</b>	<b>115</b>	pending	104	pending	pending	pending
PFHpA	ppt	NA	<b>84.6</b>	<b>78.5</b>	<b>93.9</b>	pending	82.5	pending	pending	pending
PFHpS-L	ppt	NA	<b>27.2</b>	<b>24.7</b>	<b>31.7</b>	pending	36.3	pending	pending	pending
PFHxA	ppt	NA	<b>343</b>	<b>337</b>	<b>410</b>	pending	344	pending	pending	pending
PFHxS Total	ppt	NA	<b>1130</b>	<b>950</b>	<b>1350</b>	pending	1320	pending	pending	pending
PFNA Total	ppt	NA	<b>22.3</b>	<b>20.7</b>	<b>22</b>	pending	19	pending	pending	pending
PFOA Total	ppt	NA	<b>514</b>	<b>449</b>	<b>512</b>	pending	516	pending	pending	pending
PFOS Total	ppt	NA	<b>946</b>	<b>872</b>	<b>1120</b>	pending	1080	pending	pending	pending
PFOSA Total	ppt	NA	<b>6.7</b>	<b>7.13</b>	<b>5.3</b>	pending	3.96	pending	pending	pending
PFPeA	ppt	NA	<b>211</b>	<b>191</b>	<b>234</b>	pending	206	pending	pending	pending
PFPeS-L	ppt	NA	<b>103</b>	<b>87.1</b>	<b>132</b>	pending	144	pending	pending	pending
<b>Sample 2 - Collection location on Base</b>										
			4/13/2026 MDE	4/20/2026 MDE	4/20/2026 JBA	4/28/2026 JBA	5/4/26 JBA	5/11/26 JBA	5/18/26 MDE	5/18/26 JBA
n-Butylbenzene	ppb	2 ppb	<2.0	<2.0	NA	pending	NA	pending	pending	pending
Benzene	ppb	2 ppb	<2.0	<2.0	<0.5*	pending	<0.5*	pending	pending	pending
Ethylbenzene	ppb	2 ppb	<2.0	<2.0	NA	pending	NA	pending	pending	pending
<b>Naphthalene</b>	ppb	2 ppb	<b>10</b>	<b>2.9</b>	NA	pending	NA	pending	pending	pending
Toluene	ppb	2 ppb	<2.0	<2.0	NA	pending	NA	pending	pending	pending
<b>Total Xylenes</b>	ppb	2 ppb	<b>2.5J</b>	<b>2.9</b>	NA	pending	NA	pending	pending	pending
<b>1,2,4-Trimethylbenzene</b>	ppb	2 ppb	<b>9.9</b>	<b>6.2</b>	NA	pending	NA	pending	pending	pending
<b>1,3,5-Trimethylbenzene</b>	ppb	2 ppb	<b>2.5</b>	<b>2</b>	NA	pending	NA	pending	pending	pending
Tetrachloroethene (PCE)	ppb	2 ppb	<2.0	<2.0	NA	pending	NA	pending	pending	pending
Trichloroethene (TCE)	ppb	2 ppb	<2.0	<2.0	<0.7*	pending	<0.7*	pending	pending	pending
TPH-DRO	ppb	47 ppb	<b>470</b>	<b>ND</b>	<b>441</b>	pending	<b>573</b>	pending	pending	pending
TPH-GRO	ppb	47 ppb	<b>78.7</b>	<b>298</b>	<169	pending	<169	pending	pending	pending
<b>PFAS Compounds</b>										
6:2FTS	ppt	NA	<b>249</b>	<b>229</b>	NA	pending	239	pending	pending	pending
PFBA	ppt	NA	<b>63.8</b>	<b>66.1</b>	NA	pending	72.9	pending	pending	pending
PFBS-L	ppt	NA	<b>95.4</b>	<b>83.8</b>	NA	pending	120	pending	pending	pending
PFHpA	ppt	NA	<b>87.2</b>	<b>83.86</b>	NA	pending	95.4	pending	pending	pending
PFHpS-L	ppt	NA	<b>26.5</b>	<b>29.2</b>	NA	pending	49.1	pending	pending	pending
PFHxA	ppt	NA	<b>350</b>	<b>354</b>	NA	pending	399	pending	pending	pending

PFHxS Total	ppt	NA	<b>1080</b>	<b>1030</b>	NA	<i>pending</i>	1530	<i>pending</i>	<i>pending</i>	<i>pending</i>
PFNA Total	ppt	NA	<b>21.7</b>	<b>19.6</b>	NA	<i>pending</i>	23	<i>pending</i>	<i>pending</i>	<i>pending</i>
PFOA Total	ppt	NA	<b>526</b>	<b>443</b>	NA	<i>pending</i>	564	<i>pending</i>	<i>pending</i>	<i>pending</i>
PFOS Total	ppt	NA	<b>866</b>	<b>953</b>	NA	<i>pending</i>	1500	<i>pending</i>	<i>pending</i>	<i>pending</i>
PFOSA Total	ppt	NA	<b>5.57</b>	<b>6.12</b>	NA	<i>pending</i>	5.02	<i>pending</i>	<i>pending</i>	<i>pending</i>
PFPeA	ppt	NA	<b>211</b>	<b>204</b>	NA	<i>pending</i>	232	<i>pending</i>	<i>pending</i>	<i>pending</i>
PFPeS-L	ppt	NA	<b>96</b>	<b>92.5</b>	NA	<i>pending</i>	176	<i>pending</i>	<i>pending</i>	<i>pending</i>

Samples 3 - Collected off -Base											
			4/13/2026	4/20/2026	4/20/2026	4/28/2026	5/4/26	5/11/26	5/18/26	5/18/26	
			MDE	MDE	JBA	JBA	JBA	JBA	MDE	JBA	
n-Butylbenzene	ppb	2 ppb	<2.0	<2.0	NA	<i>pending</i>	NA	<i>pending</i>	<i>pending</i>	<i>pending</i>	
Benzene	ppb	2 ppb	<2.0	<2.0	<0.5*	<i>pending</i>	<0.5*	<i>pending</i>	<i>pending</i>	<i>pending</i>	
Ethylbenzene	ppb	2 ppb	<2.0	<2.0	NA	<i>pending</i>	NA	<i>pending</i>	<i>pending</i>	<i>pending</i>	
<b>Naphthalene</b>	ppb	2 ppb	<b>4.8</b>	<b>3.6</b>	NA	<i>pending</i>	NA	<i>pending</i>	<i>pending</i>	<i>pending</i>	
Toluene(ppb)	ppb	2 ppb	<2.0	<2.0	NA	<i>pending</i>	NA	<i>pending</i>	<i>pending</i>	<i>pending</i>	
Total Xylenes	ppb	2 ppb	<2.0	<b>4.5</b>	NA	<i>pending</i>	NA	<i>pending</i>	<i>pending</i>	<i>pending</i>	
<b>1,2,4-Trimethylbenzene</b>	ppb	2 ppb	<b>2.8</b>	<b>6.4</b>	NA	<i>pending</i>	NA	<i>pending</i>	<i>pending</i>	<i>pending</i>	
<b>1,3,5-Trimethylbenzene</b>	ppb	2 ppb	<2.0	<b>2.1</b>	NA	<i>pending</i>	NA	<i>pending</i>	<i>pending</i>	<i>pending</i>	
Tetrachloroethene (PCE)	ppb	2 ppb	<2.0	<2.0	NA	<i>pending</i>	NA	<i>pending</i>	<i>pending</i>	<i>pending</i>	
Trichloroethene (TCE)	ppb	2 ppb	<2.0	<2.0	<0.7*	<i>pending</i>	<0.7*	<i>pending</i>	<i>pending</i>	<i>pending</i>	
TPH-DRO	ppb	47 ppb	<b>378</b>	<b>289</b>	<b>944</b>	<i>pending</i>	411	<i>pending</i>	<i>pending</i>	<i>pending</i>	
TPH-GRO	ppb	47 ppb	<100	ND	<169	<i>pending</i>	<169	<i>pending</i>	<i>pending</i>	<i>pending</i>	
<b>PFAS compounds</b>											
6:2FTS	ppt	NA	<b>194</b>	<b>184</b>	<b>188</b>	<i>pending</i>	102	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFBA	ppt	NA	<b>57.2</b>	<b>62.1</b>	<b>69.7</b>	<i>pending</i>	32.5	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFBS-L	ppt	NA	<b>82.4</b>	<b>75.1</b>	<b>98.8</b>	<i>pending</i>	52.7	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFHpA	ppt	NA	<b>75.4</b>	<b>70.9</b>	<b>82.2</b>	<i>pending</i>	42.1	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFHpS-L	ppt	NA	<b>24.3</b>	<b>21.8</b>	<b>28.6</b>	<i>pending</i>	22.1	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFHxA	ppt	NA	<b>299</b>	<b>328</b>	<b>395</b>	<i>pending</i>	176	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFHxS Total	ppt	NA	<b>1000</b>	<b>872</b>	<b>1110</b>	<i>pending</i>	672	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFNA Total	ppt	NA	<b>20.2</b>	<b>19.2</b>	<b>18.8</b>	<i>pending</i>	9.61	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFOA Total	ppt	NA	<b>478</b>	<b>406</b>	<b>458</b>	<i>pending</i>	260	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFOS Total	ppt	NA	<b>869</b>	<b>733</b>	<b>964</b>	<i>pending</i>	615	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFOSA Total	ppt	NA	<b>7.92</b>	<b>6.38</b>	<b>4.5</b>	<i>pending</i>	4.53	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFPeA	ppt	NA	<b>183</b>	<b>186</b>	<b>212</b>	<i>pending</i>	99.2	<i>pending</i>	<i>pending</i>	<i>pending</i>	
PFPeS-L	ppt	NA	<b>84.7</b>	<b>78</b>	<b>110</b>	<i>pending</i>	76.9	<i>pending</i>	<i>pending</i>	<i>pending</i>	

**Notes:**

J - estimated value

< - less than

ppb - parts per billion, ug/L

ppb - parts per trillion, ng/L

NA - Not analyzed

\* Analyzed outside of required method