

APPENDIX: FULL RESULTS BY COUNTY AND ZIP CODE

Prince William County, 22025

<i>Method</i>	<i>537 (Modified)</i>
<i>Date Collected</i>	<i>Jan. 30, 2021</i>
TOTAL PFAS	62.4 ppt
6:2 FTSA	ND
FOSA	4.7 ppt**
PFBA	11 ppt
PFBS	5.1 ppt
PFHpA	4 ppt
PFHxA	10 ppt
PFHxS	1.8 ppt
PFNA	1.6 ppt*
PFOA	6.3 ppt
PFOS	4.9 ppt
PFPeA	13 ppt

Fairfax County, 22079

<i>Method</i>	<i>537 (Modified)</i>	<i>537 (Modified)</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Jan. 30, 2021 (Site A)</i>	<i>Jan. 30, 2021 (Site B)</i>	<i>Feb. 16, 2021 (Site C)</i>
TOTAL PFAS	5.52 ppt	38.16 ppt	50.51 ppt
6:2 FTSA	ND	3.6 ppt*	4.2 ppt*
FOSA	5 ppt	ND	0.87 ppt*
PFBA	ND	5.5 ppt	9.6 ppt
PFBS	ND	3.3 ppt	4.6 ppt
PFHpA	ND	2.6 ppt	3.1 ppt
PFHxA	ND	6.2 ppt	8.4 ppt
PFHxS	ND	2.1 ppt	2 ppt
PFNA	ND	0.86 ppt*	0.84 ppt*
PFOA	0.52 ppt*	3.6 ppt	3.8 ppt
PFOS	ND	3.6 ppt	3.1 ppt
PFPeA	ND	6.8 ppt	10 ppt

ND = compound not detected above detection limit.

* The result is less than the reporting limit but greater than the detection limit, and the concentration is an approximate value.

** Laboratory control sample is outside acceptance limits and is highly biased.

*** Compound was detected in the sample and in the laboratory method blank.

The following compounds were not detected above the detection limit in any samples: 10:2 FTSA (11CI-PF3OUds), 4:2 FTSA, 8:2 FTSA, (9CI-PF3ONS), ADONA, HFPODA (GenX), (NETFOSA), NETFOSAA, (NETFOSE), (NMeFOSA), NMeFOSAA, (NMeFOSE), PFDA, PFDS, PFDoDA, PFDoDS, PFHpS, PFHxDA, PFNS, PFODA, PFPeS, PFTeDA, PFTrDA, PFUnA. (Tested under Method 537 IDA only.)



Fairfax County, 22315

<i>Method</i>	<i>537 (Modified)</i>
<i>Date Collected</i>	<i>Jan. 30, 2021</i>
TOTAL PFAS	38.9 ppt
6:2 FTSA	3.7 ppt*
FOSA	1.6 ppt*,**
PFBA	5.7 ppt
PFBS	3.2 ppt
PFHpA	2.6 ppt
PFHxA	6 ppt
PFHxS	2 ppt
PFNA	ND
PFOA	3.5 ppt
PFOS	3.7 ppt
PFPeA	6.9 ppt

Fairfax County, 22308

<i>Method</i>	<i>537 (Modified)</i>
<i>Date Collected</i>	<i>Jan. 30, 2021</i>
TOTAL PFAS	34.7 ppt
6:2 FTSA	1.9 ppt*
FOSA	3.2 ppt**
PFBA	4.9 ppt
PFBS	2.9 ppt
PFHpA	2.4 ppt
PFHxA	5.3 ppt
PFHxS	1.6 ppt*
PFNA	ND
PFOA	3.4 ppt
PFOS	3.2 ppt
PFPeA	5.9 ppt

Alexandria City, 22314

<i>Method</i>	<i>537 (Modified)</i>
<i>Date Collected</i>	<i>Jan. 30, 2021</i>
TOTAL PFAS	36.7 ppt
6:2 FTSA	3.6 ppt*
FOSA	ND
PFBA	5.3 ppt
PFBS	3.3 ppt
PFHpA	2.6 ppt
PFHxA	6.1 ppt
PFHxS	2 ppt
PFNA	ND
PFOA	3.6 ppt
PFOS	3.7 ppt
PFPeA	6.5 ppt

Stafford County, 22556

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 16, 2021</i>
TOTAL PFAS	16.1 ppt
6:2 FTSA	ND
FOSA	0.72 ppt*
PFBA	ND
PFBS	1.1 ppt*
PFHpA	0.88 ppt*
PFHxA	1.5 ppt*
PFHxS	2.7 ppt
PFNA	ND
PFOA	2 ppt
PFOS	5.8 ppt
PFPeA	1.4 ppt*

ND = compound not detected above detection limit.

* The result is less than the reporting limit but greater than the detection limit, and the concentration is an approximate value.

** Laboratory control sample is outside acceptance limits and is highly biased.

*** Compound was detected in the sample and in the laboratory method blank.

The following compounds were not detected above the detection limit in any samples: 10:2 FTSA (11CI-PF3OUds), 4:2 FTSA, 8:2 FTSA, (9CI-PF3ONS), ADONA, HFPODA (GenX), (NEtFOSA), NEtFOSAA, (NEtFOSE), (NMeFOSA), NMeFOSAA, (NMeFOSE), PFDA, PFDS, PFDoDA, PFDoDS, PFHpS, PFHxDA, PFNS, PFODA, PFPeS, PFTeDA, PFTrDA, PFUnA. (Tested under Method 537 IDA only.)



Prince William County, 22191

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 16, 2021</i>
TOTAL PFAS	38.1 ppt
6:2 FTSA	3.3 ppt*
FOSA	1.5 ppt*
PFBA	5.3 ppt
PFBS	3.5 ppt
PFHpA	2.3 ppt
PFHxA	5.8 ppt
PFHxS	1.8 ppt
PFNA	0.74 ppt*
PFOA	3.7 ppt
PFOS	3.4 ppt
PFPeA	6.8 ppt

Prince William County, 22193

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 16, 2021</i>
TOTAL PFAS	57.03 ppt
6:2 FTSA	5.1 ppt
FOSA	0.95 ppt*
PFBA	11 ppt
PFBS	5 ppt
PFHpA	3.5 ppt
PFHxA	9.2 ppt
PFHxS	2.1 ppt
PFNA	0.98 ppt*
PFOA	4.2 ppt
PFOS	3 ppt
PFPeA	12 ppt

Fairfax County, 22039

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 16, 2021</i>
TOTAL PFAS	45.43 ppt
6:2 FTSA	3.7 ppt*
FOSA	ND
PFBA	8.5 ppt
PFBS	4.4 ppt
PFHpA	2.6 ppt
PFHxA	7.6 ppt
PFHxS	1.8 ppt
PFNA	0.73 ppt*
PFOA	3.7 ppt
PFOS	2.9 ppt
PFPeA	9.5 ppt

Fairfax County, 22003

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 16, 2021</i>
TOTAL PFAS	57.56 ppt
6:2 FTSA	4.6 ppt
FOSA	0.46 ppt*
PFBA	11 ppt
PFBS	5 ppt
PFHpA	3.5 ppt
PFHxA	10 ppt
PFHxS	2.1 ppt
PFNA	1.1 ppt*
PFOA	4.3 ppt
PFOS	3.5 ppt
PFPeA	12 ppt

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** Laboratory control sample is outside acceptance limits and is highly biased.

*** Compound was detected in the sample and in the laboratory method blank.

The following compounds were not detected above the detection limit in any samples: 10:2 FTSA (11CI-PF3OUds), 4:2 FTSA, 8:2 FTSA, (9CI-PF3ONS), ADONA, HFPODA (GenX), (NEtFOSA), NEtFOSAA, (NEtFOSE), (NMeFOSA), NMeFOSAA, (NMeFOSE), PFDA, PFDS, PFDoDA, PFDoDS, PFHpS, PFHxDA, PFNS, PFODA, PFPeS, PFTeDA, PFTrDA, PFUnA. (Tested under Method 537 IDA only.)



Alexandria City, 22301

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 16, 2021</i>
TOTAL PFAS	37.48 ppt
6:2 FTSA	2.8 ppt*
FOSA	2.1 ppt
PFBA	6.7 ppt
PFBS	3 ppt
PFHpA	2.1 ppt
PFHxA	6 ppt
PFHxS	1.4 ppt*
PFNA	0.68 ppt*
PFOA	2.9 ppt
PFOS	2.5 ppt
PFPeA	7.3 ppt

Arlington County, 22203

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 17, 2021</i>
TOTAL PFAS	24.35 ppt
6:2 FTSA	ND
FOSA	1.3 ppt*
PFBA	2.9 ppt*
PFBS	2.3 ppt
PFHpA	1.5 ppt*
PFHxA	3.7 ppt
PFHxS	2 ppt
PFNA	0.45 ppt*
PFOA	2.7 ppt
PFOS	3.3 ppt***
PFPeA	4.2 ppt

Loudoun County, 20166

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 17, 2021</i>
TOTAL PFAS	8.23 ppt
6:2 FTSA	ND
FOSA	1.7 ppt
PFBA	ND
PFBS	0.93 ppt*
PFHpA	ND
PFHxA	1.1 ppt*
PFHxS	0.78 ppt*
PFNA	ND
PFOA	0.82 ppt*
PFOS	1.5 ppt*
PFPeA	1.4 ppt*

Loudoun County, 20165

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 17, 2021</i>
TOTAL PFAS	7.79 ppt
6:2 FTSA	ND
FOSA	0.45 ppt*
PFBA	ND
PFBS	0.87 ppt*
PFHpA	0.48 ppt*
PFHxA	1.3 ppt*
PFHxS	0.77 ppt*
PFNA	ND
PFOA	0.82 ppt*
PFOS	1.7 ppt***
PFPeA	1.4 ppt*

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** Laboratory control sample is outside acceptance limits and is highly biased.

*** Compound was detected in the sample and in the laboratory method blank.

The following compounds were not detected above the detection limit in any samples: 10:2 FTSA (11CI-PF3OUds), 4:2 FTSA, 8:2 FTSA, (9CI-PF3ONS), ADONA, HFPODA (GenX), (NEtFOSA), NEtFOSAA, (NEtFOSE), (NMeFOSA), NMeFOSAA, (NMeFOSE), PFDA, PFDS, PFDoDA, PFDoDS, PFHpS, PFHxDA, PFNS, PFODA, PFPeS, PFTeDA, PFTrDA, PFUnA. (Tested under Method 537 IDA only.)



Loudoun County, 20175

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 17, 2021</i>
TOTAL PFAS	7.16 ppt
6:2 FTSA	ND
FOSA	0.9 ppt*
PFBA	ND
PFBS	0.9 ppt*
PFHpA	ND
PFHxA	1.3 ppt*
PFHxS	0.47 ppt*
PFNA	ND
PFOA	0.89 ppt*
PFOS	1.3 ppt*,***
PFPeA	1.4 ppt*

Prince William County, 20109

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 17, 2021</i>
TOTAL PFAS	6.61 ppt
6:2 FTSA	ND
FOSA	0.89 ppt*
PFBA	ND
PFBS	0.79 ppt*
PFHpA	ND
PFHxA	1.0 ppt*
PFHxS	0.58 ppt*
PFNA	ND
PFOA	0.75 ppt*
PFOS	1.4 ppt*,***
PFPeA	1.2 ppt*

Fairfax County, 22124

<i>Method</i>	<i>537 IDA</i>
<i>Date Collected</i>	<i>Feb. 17, 2021</i>
TOTAL PFAS	8.18 ppt
6:2 FTSA	ND
FOSA	1.2 ppt*
PFBA	ND
PFBS	0.83 ppt*
PFHpA	0.44 ppt*
PFHxA	1.3 ppt*
PFHxS	0.7 ppt*
PFNA	ND
PFOA	0.91 ppt*
PFOS	1.6 ppt*,***
PFPeA	1.2 ppt*

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The following compounds were not detected above the detection limit in any samples: 10:2 FTSA (11CI-PF3OUds), 4:2 FTSA, 8:2 FTSA, (9CI-PF3ONS), ADONA, HFPODA (GenX), (NEtFOSA), NEtFOSAA, (NEtFOSE), (NMeFOSA), NMeFOSAA, (NMeFOSE), PFDA, PFDS, PFDoDA, PFDoDS, PFHpS, PFHxDA, PFNS, PFODA, PFPeS, PFTeDA, PFTrDA, PFUnA. (Tested under Method 537 IDA only.)

