

Table 1. Virginia Per- & Polyfluoroalkyl Substance sampling study results summary

Samples with analytes above the Practical Quantification Limit (PQL)

All samples were collected between May and September 2021

All results are parts per trillion (ppt)

Waterworks Name	Virginia American Water Co. - Alexandria District		Arlington County	Fairfax County Water Authority		Loudoun Water - Central System		Stafford County Utilities		Prince William County Service Authority - East	City of Newport News		Town of Altavista	Western Virginia Water Authority	Washington County Service Authority
City/County	City of Alexandria		Arlington County	Fairfax County		Loudoun County		Stafford County		Prince William County	City of Newport News		Campbell County	Roanoke County	Washington County
Sample Location	From Fairfax County Water Authority		From Washington Aqueduct	Griffith WTP	From Washington Aqueduct	Trap Rock WTP	From Fairfax County Water Authority	Smith Lake WTP	Lake Mooney WTP	From Fairfax County Water Authority	Harwoods Mill WTP	Lee Hall WTP	Staunton River + Reed Creek	Spring Hollow WTP	Middle Fork Water Treatment Plant
Water Type	Finished	Finished	Finished	Finished	Finished	Finished	Finished	Finished	Finished	Finished	Finished	Finished	Raw Intake	Finished	Finished
PFOA (ppt)	*	4.2	*	5.5	*	*	4.5	*	*	5.5	*	*	*	*	*
PFOS (ppt)	*	3.9	*	5.1	*	*	*	6.4	*	4.1	7.1	4.4	*	*	5.2
PFBA (ppt)	7.7	9.2	*	7.7	4.3	4.0	4.6	*	5.9	12	4.3	4.3	*	*	*
PFHpA (ppt)	*	*	*	4.4	*	*	5.5	*	*	4.1	*	*	*	*	*
PFHxS (ppt)	*	*	*	*	*	*	*	*	*	*	4.9	*	*	*	*
PFNA (ppt)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HFPO-DA (GenX)(ppt)	*	*	*	*	*	*	*	*	*	*	*	*	4.0	54 ^A	*
PFHxA (ppt)	6.8	9.3	3.7	12	4.4	*	*	*	4.2	11	*	6.1	*	*	*
PFPeA (ppt)	7.4	10	4.1	14	4.2	*	*	*	5.5	12	*	4.5	*	*	*
PFBS (ppt)	*	4.2	*	5.6	*	*	*	*	*	4.8	*	*	*	*	*

* Results were below the Practical Quantitation Limit (PQL); PQL is the lowest level that can be reliably measured within specified limits of precision and accuracy during routine laboratory conditions.

^A Average of two results, 51 ppt and 57 ppt
“Finished” means treated drinking water entering the distribution system. “Raw Intake” means untreated water, before treatment.
“WTP” means water treatment plant.