



County of Fairfax, Virginia

To protect and enrich the quality of life for the people, neighborhoods and diverse communities of Fairfax County

Local Limits for Service Areas Within Fairfax County (updated October 7, 2022)

Limitations are daily maximum values for the total form of the parameter, expressed as milligrams per liter (mg/L), unless otherwise noted.

Parameter	Arlington County	Alexandria Renew Enterprises	District of Columbia Blue Plains	Fairfax County Noman M. Cole ^A	Upper Occoquan Service Authority ^B	Prince William County Service Authority
Arsenic	0.78	0.40	0.20	0.57	—	0.46
Beryllium	—	—	—	—	—	0.17
Cadmium	0.08	0.6	0.10	0.80	—	0.05
Chromium	—	5.3	—	6.67	—	4.0
Copper	1.80	2.0	2.3	6.76	—	2.0
Cyanide	0.48	0.9	0.31	2.29	—	0.3
Lead	1.05	1.0	1.0	5.63	—	0.36
Mercury	0.06	0.002	0.035	0.010	—	0.002
Molybdenum	2.62	2.7	0.19	—	—	2.0
Nickel	1.14	2.0	3.4	14.2	—	1.2
Selenium	0.23	—	0.25	—	—	0.4
Silver	0.67	1.2	1.2	—	—	0.6
Vanadium	—	—	—	—	—	0.3
Zinc	—	4.7	3.4	9.95	—	8.0
PCBs	—	—	Non-detect ^C	—	—	—
Oil & grease	—	—	100 (petroleum) ^D	—	—	100 ^E
Local limits approved ^F	Apr 2021	August 2022	March 2022	Jan 2021	Aug 2019	March 2021

^A Area is serviced by the Noman M. Cole, Jr. Pollution Control Plant, which is Fairfax County's Publicly Owned Treatment Works (POTW).

^B Within the Upper Occoquan Service Authority (UOSA) service area, headworks loading of pollutants of concern is allocated to UOSA member jurisdictions proportionate to flow. Limits are subject to review and approval by UOSA.

^C Total PCBs must be measured using EPA Method 608 (or comparable approved method) with a detection limit of at least 0.001 mg/L.

^D EPA Method 1664 (Rev B) for N-Hexane Extractable Material - Silica Gel Treated (HEM-SGT) is the analytical method for assessing compliance with "petroleum" oil and grease.

^E Compliance with this limit is assessed using EPA Method 1664 (Rev B) for N-Hexane Extractable Material for total oil and grease.

^F Virginia Pollutant Discharge Elimination System (VPDES) permits require evaluation of local limits that are specific to the permitted POTW. This evaluation is required during each permit cycle (i.e., once every 5 years); additional evaluations may be required if significant changes occur in the POTW or in the characteristics of the wastewater conveyed and treated in the POTW. Date shown is the month/year the Virginia Department of Environmental Quality approved the limits.

