

How much PFAS is oozing down Starkweather Creek from Dane Co Airport & Truax military base?

WI DHS proposed groundwater standard:
20 ppt (parts-per-trillion) PFOS + PFOA

WI DNR proposed surface water standards:
-PFOS: 8 ppt
-PFOA: 95 ppt (formerly PFOS 2 ppt, PFOA 35-45 ppt)
No sediment standards proposed

Sediment PFAS data from MEJO; all other data from DNR, DCRA, Truax ANG, Wis DOT (one site)**



FISH: up to 180,000 ppt PFOS, 187,400 ppt Total PFAS (2019)

Groundwater-DANE CO REG. AIRPORT burn pit (2020)
-1,360 ppt PFOS, 67,300 PFOA
-85,247 ppt Total PFAS

Creek sediments (2019)
-17,900 ppt PFOS, 830 ppt PFOA
-27,800 ppt Total PFAS

Creek sediments (2019)
-21,400 ppt PFOS, ND PFOA
-24,482 ppt Total PFAS

Creek surface water (2019)
-240 ppt PFOS, 32 ppt PFOA
-641.08 ppt Total PFAS

Creek sediments (2019)
-7,260 ppt PFOS, ND PFOA
-8,190 ppt Total PFAS

W. Branch Starkweather Creek

Groundwater-TRUAX BASE (2021)
-48,000 ppt PFOS. 2100 ppt PFOA
-96,505 Total PFAS

Groundwater (Truax base) (2021)
72,000 ppt PFOS, 2,400 ppt PFOA
No total PFAS data (from Wis DOT)**

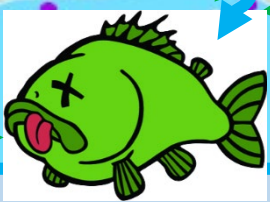
Stormwater (Truax base) (2021)
-20,600 ppt PFOS, 978 ppt PFOA
-40,266 ppt Total PFAS

Creek surface water (2019)
-3,700 ppt PFOS, 290 ppt PFOA
-8,800 ppt Total PFAS

Creek surface water (E branch) (2019) Comparison--not downstream of Truax
-2.1 ppt PFOS, 2.4 ppt PFOA
-18.4 ppt Total PFAS

Creek surface water (surface layer with foam sample—see below)(2019)
-400 ppt PFOS, 10 ppt PFOA
-504.4 ppt Total PFAS

Creek foam at Olbrich boat launch (2019)
-92,000 ppt PFOS, 610 ppt PFOA
-102,008 ppt Total PFAS



TOTAL PFAS is all PFAS compounds detected added together, including J-flags. ND = not detected; All numbers are MAX levels found.

