

Table A: CFB Comox FFTA Soil Contaminant Summary Statistics

Parameter	Number of Results	Number of Detects	Minimum Concentration (µg/g)	Maximum Concentration (µg/g)	Average Concentration (µg/g)	Median Concentration (µg/g)
Per- And Polyfluoroalkyl Substances (PFAS)						
perfluorobutane sulfonate [PFBS]	91	36	<0.0001	0.0086	0.001	0.0005
perfluorobutanoic acid [PFBA]	115	36	<0.0001	<0.3	0.0036	0.0005
perfluorobutane sulfonic acid [PFBS]	29	3	<0.001	0.00859	0.001	0.0005
perfluoropentanoic acid [PFPeA]	115	62	<0.0001	0.028	0.0027	0.001
perfluoropentane sulfonic acid [PFPeS]	2	0	<0.0001	<0.0001	-	0.00005
perfluorohexanoic acid [PFHxA]	120	65	<0.0001	0.067	0.0039	0.001
perfluorohexane sulfonic acid [PFHxS]	120	87	<0.0001	0.14	0.012	0.00305
perfluoroheptanoic acid [PFHpA]	120	48	<0.0001	0.014	0.0014	0.0005
perfluoroheptane sulfonic acid [PFHpS]	82	19	<0.0001	0.022	0.0015	0.0005
perfluorooctanoic acid [PFOA]	140	77	<0.0001	0.0501	0.003	0.0005
perfluorooctane sulfonic acid [PFOS]	140	116	<0.0001	10.3	0.25	0.0071
perfluorononanoic acid [PFNA]	120	36	<0.0001	0.0357	0.0018	0.0005
perfluorodecanoic acid [PFDA]	120	16	<0.0001	0.015	0.00095	0.0005
perfluorodecane sulfonic acid [PFDS]	115	12	<0.0001	0.046	0.0015	0.0005
perfluoroundecanoic acid [PFUnDA]	120	5	<0.0001	<0.01	0.0006	0.0005
perfluorododecanoic acid [PFDoA]	120	2	<0.0001	<0.01	0.00052	0.0005
perfluorotridecanoic acid [PFTrDA]	120	1	<0.0001	<0.01	0.0005	0.0005
perfluorotetradecanoic acid [PFTeDA]	120	1	<0.0001	<0.01	0.0005	0.0005
10:2 Fluorotelomer sulfonic acid(10:2 F)	2	0	<0.0001	<0.0001	-	0.00005
6:2 Fluorotelomer sulfonic acid [6:2 FTS]	82	22	<0.00016	0.17	0.013	0.0005
8:2 fluorotelomer sulfonic acid [8:2 FTS]	82	17	<0.0001	0.47	0.015	0.0005
methyl perfluorooctanesulfonamide ethanol [MeFOSE]	4	1	<0.0005	<0.002	0.0005	0.000375
n-ethyl perfluorooctanesulfonamide [N-Et-FOSA]	82	1	<0.0005	<0.01	0.00062	0.0005
n-ethyl perfluorooctanesulfonamide ethanol [N-Et-FOSE]	82	1	<0.0001	<0.01	0.00062	0.0005
Methyl-perfluorooctane sulfonamide [N-Me-FOSA]	82	3	<0.0005	<0.01	0.00065	0.0005
n-methyl perfluorooctane sulfonamidoacetic acid [FOSA-M]	87	1	<0.0001	<0.01	0.00071	0.0005
n-Ethyl perfluorooctane sulfonamidoacetic acid [N-Et-FOSA]	87	2	<0.0001	<0.01	0.00076	0.0005
2-n-methyl perfluorooctanesulfonamide ethanol [N-Me-FOSE]	80	0	<0.001	<0.01	0.00064	0.0005
perfluorooctane sulfonamide [PFOSA]	115	23	-0.0029	0.2	0.0058	0.0005
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	2	0	<0.0001	<0.0001	-	0.00005
Petroleum Hydrocarbons						
benzene	81	5	<0.005	0.02	0.003	0.0025

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toluene	81	6	<0.02	0.3	0.021	0.021
ethylbenzene	81	7	<0.01	0.68	0.022	0.005
xylene (o)	81	2	<0.04	0.053	0.021	0.02
xylene (m & p)	81	4	<0.04	1.7	0.063	0.02
total xylenes	81	4	<0.04	1.7	0.064	0.02
styrene	81	0	<0.03	<0.03	0.015	0.015
methyl tert-butyl ether [MTBE]	23	0	<0.1	<0.1	0.05	0.05
VH6-10	6	0	<10	<10	5	5
VPH	6	0	<10	<10	5	5
F1 (C6-C10 less benzene, toluene, ethylbenzene, xylene [BTEX])	81	8	<10	880	30	5
F1 (C6-C10)	81	8	<10	890	30	5
F2 (C10-C16)	17	0	<10	<10	5	5
F3 (C16-C34)	17	7	<10	49	16	5
F4 (C34-C50)	17	6	<10	51	16	5
reached baseline at C50	17	17	1	1	1	1
Polycyclic Aromatic Hydrocarbons (PAHs)						
acenaphthylene	17	0	<0.005	<0.005	0.0025	0.0025
acenaphthene	17	1	<0.005	0.014	0.0032	0.0025
anthracene	17	3	<0.004	0.037	0.0047	0.002
benz(a)anthracene	17	2	<0.02	0.056	0.014	0.01
benzo(b)fluoranthene	17	1	<0.02	0.045	0.012	0.01
benzo(b+j)fluoranthenes	17	1	<0.02	0.07	0.014	0.01
benzo(g,h,i)perylene	17	0	<0.05	<0.05	0.025	0.025
benzo(k)fluoranthene	17	1	<0.02	0.026	0.011	0.01
benzo(a)pyrene	17	1	<0.02	0.051	0.012	0.01
chrysene	17	3	<0.02	0.06	0.016	0.01
dibenz(a,h)anthracene	17	0	<0.02	<0.02	0.01	0.01
fluoranthene	17	3	<0.02	0.16	0.023	0.01
fluorene	17	1	<0.02	0.024	0.011	0.01
indeno(1,2,3-cd)pyrene	17	1	<0.02	0.026	0.011	0.01
methylnaphthalene, 2-	17	0	<0.02	<0.02	0.01	0.01
naphthalene	17	0	<0.01	<0.01	0.005	0.005
phenanthrene	17	5	<0.01	0.16	0.019	0.005
pyrene	17	3	<0.02	0.11	0.02	0.01
light molecular weight PAHs	17	2	<0.05	0.24	0.04	0.025
heavy molecular weight PAHs	17	3	<0.05	0.55	0.069	0.025
PAHs (sum of total)	17	3	<0.05	0.79	0.088	0.025

Parameter	Number of Results	Number of Detects	Minimum Concentration (µg/g)	Maximum Concentration (µg/g)	Average Concentration (µg/g)	Median Concentration (µg/g)
Index of Additive Cancer Risk (IACR) (CCME Lab)	17	17	0.24	0.99	0.29	0.24
B(a)P TPE (Lab)	17	17	0.024	0.08	0.027	0.024
Volatile Organic Compounds (VOCs)						
dichloromethane	23	1	<0.08	0.082	0.042	0.04
Metals						
pH (lab)	9	9	6.69	8.64	7.2	6.86
aluminum	9	9	14,500	21,500	18,044	18,000
antimony	9	9	0.13	0.54	0.31	0.34
arsenic	17	17	1.64	9.18	3.9	3.6
barium	9	9	30.6	49.9	40	40.1
beryllium	9	7	<0.2	0.27	0.21	0.23
bismuth	9	0	<0.1	<0.1	0.05	0.05
cadmium	9	9	0.054	0.219	0.14	0.151
calcium	9	9	8,290	14,100	10,037	9,670
chromium (III+VI)	9	9	19.7	36.6	28	28.2
cobalt	9	9	10.2	14.1	12	11.6
copper	9	9	39.5	58.2	48	46.5
iron	9	9	26,700	34,600	30,133	28,900
lead	9	9	1.48	21.1	12	15.4
lithium	9	9	5.2	6.9	6.1	6.2
magnesium	9	9	5,030	6,670	5,762	5,670
manganese	9	9	324	546	408	406
mercury	9	0	<0.05	<0.05	0.025	0.025
molybdenum	9	9	0.22	0.66	0.45	0.45
nickel	9	9	15.4	24	20	19.4
potassium	9	9	342	606	445	381
selenium	9	0	<0.5	<0.5	0.25	0.25
silver	9	4	<0.05	0.074	0.042	0.025
sodium	9	9	253	584	381	305
strontium	9	9	24.8	36.8	29	29
thallium	9	0	<0.05	<0.05	0.025	0.025
tin	9	9	0.33	0.72	0.51	0.54
titanium	9	9	1,640	2,290	2,001	2,070
uranium	9	9	0.19	0.438	0.33	0.371
vanadium	9	9	83.9	125	104	102
zinc	9	9	33.2	105	51	45.9
zirconium	9	9	7.92	14.6	10	9.61

Parameter	Number of Results	Number of Detects	Minimum Concentration (µg/g)	Maximum Concentration (µg/g)	Average Concentration (µg/g)	Median Concentration (µg/g)
Inorganics						
phosphorus	9	9	415	544	454	436
Total Organic Carbon	33	31	<500	46,000	3,832	1,200

Table B: CFB Comox FFTA Soil Grain Size Analysis Summary Statistics

Grain Size	Number of Results	Number of Detects	Minimum Concentration (%)	Maximum Concentration (%)	Average Concentration (%)	Median Concentration (%)
% < 0.075 mm	13	13	13.5	84.9	41	41.5
% > 0.075 mm	13	13	15.1	86.5	59	58.5