

2019 PFAS analysis of CFPUA Biosolids

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units ng/g (ppb)	SS Belt Press	Combined Cake	Alum Cake	NS Belt Press Cake
	1/3/2019	1/3/2019	1/3/2019	1/3/2019
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)	<2.82	<2.25	<1.55	<2.46
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-MeFOSE)	24.20	9.26	<1.53	13.5
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid (PFPrOPrA) GenX	<1.18	<0.939	<0.647	<1.03
4-(Heptafluoroisopropoxy)hexafluorobutanoic acid (PFECA-G)*	<3.57	<2.84	<1.96	<3.12
9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	<2.36	<1.88	<1.29	<2.06
Fluorotelomer sulfonate 10:2 (10:2 FTS)	4.22	3.09	<1.29	3.34
Fluorotelomer sulfonate 4:2 (4:2 FTS)	<14.3	<2.28	<1.57	<2.49
Fluorotelomer sulfonate 6:2 (6:2 FTS)	<2.79	<2.22	<1.53	<2.43
Fluorotelomer sulfonate 8:2 (8:2 FTS)	<2.75	<2.19	<1.51	<2.40
Nafion Byproduct 1*	<3.57	<2.84	<1.96	<3.12
Nafion Byproduct 2*	<3.57	<2.84	<1.96	<3.12
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	7.42	<2.33	<1.61	<2.56
N-ethylperfluoro-1-octanesulfonamidoacetic acid (N-EtFOSAA)	3.42	5.41	<1.08	5.84
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	<3.11	<2.47	<1.70	<2.71
N-methylperfluoro-1-octanesulfonamidoacetic acid (N-MeFOSAA)	7.89	14.6	<1.29	14.4
Perfluoro(3,5,7,9-tetraoxadecanoic) acid (PFO4DA)*	<3.57	<2.84	4.42	<3.12
Perfluoro(3,5,7-trioxaoctanoic) acid (PFO3OA)*	<3.57	<2.84	8.3	<3.12
Perfluoro(3,5-dioxahexanoic) acid (PFO2HxA)*	<3.57	<2.84	6.06	<3.12
Perfluoro-2-methoxyacetic acid (PFMOAA)*	<3.57	<2.84	5.79	<3.12
Perfluoro-3-methoxypropanoic acid (PFMOPrA)*	<3.57	<2.84	<1.96	<3.12
Perfluoro-4-methoxybutanoic acid (PFMOBA)*	<3.57	<2.84	<1.96	<3.12
Perfluorobutanesulfonate (PFBS)	<1.18	<0.939	<0.647	<1.03
Perfluorobutyric acid (PFBA)	<1.18	<0.939	<0.647	<1.03
Perfluorodecanesulfonate (PFDS)	<1.18	2.14	<0.647	2.02
Perfluorodecanoic acid (PFDA)	3.39	5.54	<1.45	5.26
Perfluorododecanoic acid (PFDoA)	2.20	3.67	1.03	3.76
Perfluoroheptanesulfonate (PFHpS)	<1.32	<1.05	<0.725	<1.15
Perfluoroheptanoic acid (PFHpA)	<1.18	<0.939	<0.647	<1.03
Perfluorohexadecanoic acid (PFHxDA)	<1.18	<0.939	<0.647	<1.03

Perfluorohexanesulfonate (PFHxS)	<1.18	<0.939	<0.647	<1.03
Perfluorohexanoic acid (PFHxA)	<1.18	3.22	0.728	1.48
Perfluorononanesulfonate (PFNS)	<1.18	<0.939	<0.647	<1.03
Perfluorononanoic acid (PFNA)	<1.18	<0.939	<0.647	1.2
Perfluorooctanesulfonamide (PFOSA)	<1.18	1.84	<0.647	1.69
Perfluorooctanesulfonate (PFOS)	22.50	29	8.63	26.7
Perfluorooctanoic acid (PFOA)	<1.18	1.68	1.06	1.13
Perfluoropentanesulfonate (PFPeS)	<1.18	<0.939	<0.647	<1.03
Perfluoropentanoic acid (PFPeA)	<1.18	<0.939	<0.647	<1.03
Perfluorotetradecanoic acid (PFTeDA)	<1.18	1.45	0.861	1.26
Perfluorotridecanoic acid (PFTrDA)	<1.18	<0.939	<0.647	<1.03
Perfluorouecanoic acid (PFUdA)	1.78	2.34	1.11	2.37
Sodium dodecafluoro-3H-4,8-dioxanonoate (ADONA)	<2.36	<1.88	<1.29	<2.06
Total of all Compounds	77.02	83.24	37.99	83.95