



Orange Water and Sewer Authority

OWASA is Carrboro-Chapel Hill's not-for-profit public service agency delivering high quality water, wastewater, and reclaimed water services.

PFAS Compound	Abbreviation	OWASA Wastewater Influent (ppt)							OWASA Wastewater Effluent (ppt)						
		Jun-19	Jul-19	Aug-19	Sep-19	Q1 2020	Q2 2020	Q3 2020	Jun-19	Jul-19	Aug-19	Sep-19	Q1 2020	Q2 2020	Q3 2020
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid	PFPPrOPrA	0	1.1	0	0	0	0	0	0	0	0	0	0	0	0
Fluorotelomer sulfonate 4:2	4:2 FTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluorotelomer sulfonate 6:2	6:2 FTS	0	0	0	0	0	0	0	1.93	0	2.82	0	0	0	0
Fluorotelomer sulfonate 8:2	8:2 FTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-methylperfluoro-1-octanesulfonamidoacetic acid	NMeFOSAA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N-ethylperfluoro-1-octanesulfonamidoacetic acid	NEtFOSAA	1.16	0	0	0	0	0	0	0	0	0	0	0	0	0
Perfluorobutanesulfonate	PFBS	7.55	8.8	7.53	8.58	6.64	6.99	7.22	14.0	14.6	13.6	22.7	7.41	12.7	17.6
Perfluoropentanesulfonate	PFPeS	1.34	1.99	1.76	2.54	1.82	1.52	3.22	1.59	2.21	2.16	3.32	2.54	2.74	2.41
Perfluorohexanesulfonate	PFHxS	4.64	5.12	4.36	6.18	6.09	4.40	7.33	4.42	4.59	3.90	6.15	5.68	5.88	5.69
Perfluoroheptanesulfonate	PFHpS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perfluorooctanesulfonate	PFOS	12.2	5.59	5.53	6.11	10.7	7.71	14.2	7.72	6.67	7.68	7.70	6.62	10.1	12.9
Perfluorononanesulfonate	PFNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perfluorodecane sulfonate	PFDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perfluorooctanesulfonamide	PFOSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perfluorobutyric acid	PFBA	10.1	5.80	7.48	20.5	5.99	0	12.6	13.0	13.8	18.2	23.6	9.88	17.0	12.2
Perfluoropentanoic acid	PFPeA	15.8	14.3	18.9	14.4	6.53	8.86	18.0	27.2	28.5	41.2	24.2	14.9	21.3	36.1
Perfluorohexanoic acid	PFHxA	15.6	15.7	17.3	16.3	11.8	11.9	15.8	27	26.8	38.8	19.4	20	22.4	23.8
Perfluoroheptanoic acid	PFHpA	6.72	7.95	8.07	10.0	8.74	7.11	7.67	7.1	8.08	9.19	9.6	9.58	9.38	9.38
Perfluorooctanoic acid	PFOA	14.9	16.4	18.7	23.0	24.2	16.8	20.8	22.5	21.5	21.1	24.9	22.5	19.7	26.1
Perfluorononanoic acid	PFNA	1.45	0.664	0.984	0.769	1.19	0.808	1.57	0.958	1.58	3.07	0.857	0.877	1.08	1.61
Perfluorodecanoic acid	PFDA	1.25	0.957	0	0	0.697	0	0.984	1.51	1.37	2.07	1.22	0	0.825	1.69
Perfluoroundecanoic acid	PFUdA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perfluorododecanoic acid	PFDoA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perfluorotridecanoic acid	PFTrDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perfluorotetradecanoic acid	PFTeDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Perfluorooctanesulfonate + Perfluorooctanoic acid</i>	PFOS/PFOA Combined	27.1	22.0	24.2	29.1	34.9	24.5	35.0	30.2	28.2	28.8	32.6	29.1	29.8	39.0
<i>Total Per- and Polyfluoroalkyl Substances (PFAS)</i>	Total PFAS	92.7	83.3	90.6	108.4	84.4	66.1	109.4	127.0	129.7	161.0	143.6	100.0	123.1	149.5