

		EAST Biosolids (pre-lime) ng/g														McGills Filtrate						
date	time	primary	primary	primary	primary	primary	primary	primary	primary	Land Ap**	Land Ap**	Primary	1/16/2020	3/2/2020	5/15/2020	5/18/2020	prim+sec	secondary only	ng/L	ng/L	ng/L	
		11/13/2019	11/18/2019	11/25/2019	12/17/2019	1/16/2020	1/24/2020	1/31/2020	3/2/2020	7/6/2020	8/3/2020	averages	0905	1217	0951	1300	averages	0946	1057	1132	0902	1217
PFOA		1.05	1.89	1.8	1.64	1.35	1.37	2.45	2.90	0.53	0.12	1.66	7.71	7.67	0.07	0.211	3.9	27.9	20.2	82.4	87.1	55.6
PFOA		5.01	4.42	5.07	5.35	4.52	5.1	8.88	11.0	0.58	0.00	5.55	9.75	14.5	0.323	0.262	6.2	27.5	51.2	19.5	0	20.4
PFBA		1.57	3.26	0	0	0	0	5.79	0	0.872	0	1.28	24.4	0	0	0.34	6.2	47.1	0.0	915	820	219.0
PFPeA		7.88	14.3	8.90	0	0	2.52	3.83	0	0.813	0.369	4.25	50.2	15.8	0.361	0.831	16.8	199.0	31.6	1480	2060	463.0
PFHxA		10.4	20.3	18.7	7.95	6.81	8.65	12.00	3.79	7.29	3.11	10.65	184	56.2	0.603	6.91	120.1	311.0	55.7	4780	6140.00	1380.0
PFHpA		9.22	13.5	11.2	3.8	10.6	8.7	19.7	1.79	0.175	0.658	8.74	57.8	29.5	0.651	0.663	22.2	182.0	19.2	1790	1960	618.0
PFNA		0	0	0	0	0	0	0	0	0.154	0.0373	0.02	2.09	2.19	0.014	0.029	1.1	9.35	5.68	8.03	7.2	0.0
PFDA		1.28	1.39	1.12	1.81	1.54	1.01	1.75	1.32	0.322	0.162	1.28	8.38	6.57	0.063	0	3.8	30.1	21.3	14.9	14.6	7.53
PFFpUnA		0	0	0	0	1.4	0	0	0	0.725	0.258	0.24	7.22	4.95	0	0	3.0	21.4	27.6	0	0	0.0
PFDaA		0	1.1	1.01	1.28	1.1	0	1.6	0.927	0.339	0.342	0.82	8.61	5.97	0	0	7.3	22.9	18.9	0	0	0.0
PFTrA		0	0	0	0	0	0	0.89	0	0.128	0	0.11	2.16	1.09	0	0	1.6	6.49	6.41	0	0	0.0
PFTA		0	0	0	1.01	0	0	0	0	0	0	0.11	2.36	0	0	0	1.2	6.08	0.0	0	0	0.0
L-PFBS		0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0	0.0	0.0	0.0	0	0	0.0
PFHs		0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0	0.0	0.0	0.0	0	0	0.0
PFHs		0	0	0	0	0	0	0	0	0.017	0	0.00	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFHs		0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0	0.0	0.0	0.0	0	0	0.0
PFNS		0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0	0.0	0.0	0.0	0	0	0.0
PFDS		0	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0	0.0	2.93	0.0	0	0	0.0
PFOSA		0	0	0	0	0	0	0	0	0.182	0.056	0.02	4.2	1.38	0	0	2.8	12.0	21.4	0	0	0.0
N-MeFOSAA		1.59	2.57	0	6.28	5.95	2.64	3.63	9.84	0.347	0.15	3.65	19.3	0	0	0	9.7	31.5	26.8	0	0	0.0
N-EtFOSAA		1.36	0	0	0	2.58	2.19	5.12	0	0	0.142	1.25	5.21	3.4	0	0	4.3	11.9	12.0	0	0	0.0
PFOA + PFOS		6.1	6.3	6.9	7.0	5.9	6.5	11.3	13.9	1.1		6.43	17.5	22.2	0.39	0.47	19.8	55.4	71.4	101.9	87.1	76.0
SUM ALL		39.4	62.7	47.8	29.1	35.9	32.2	65.6	31.6	12.5		41.17	393.4	149.2	2.1	9.2	271.3	949.2	318.0	9089.8	11088.9	2763.5

*NOTE: a numeric 0 is used in lieu of ND to facilitate calculation of averages. J values are considered nondetect
 ** Results converted from ng/L to apx ng/g

add cmpds
 4:2 FTS 0 0
 6:2 FTS 0.0098 0
 8:2 FTS 0 0
 10:2 FTS 0 0
 FSSA 0.0083 0.0289
 add 23 cmpds tested w all ND

SOUTH Biosolids (pre-lime)			
		ng/g	
11/18/2019	12/17/2019		averages
1245	1335		1.34
1.38	1.3		1.34
14.1	12.7		13.40
0	0		0.00
0	0		0.00
1.31	0.00		0.66
0	0		0.00
0	0		0.00
2.24	2.51		2.38
0	1.66		0.83
0	0		0.00
0	0		0.00
0	0		0.00
0	0		0.00
0	0		0.00
0	0		0.00
0	0.00		0.00
0	0		0.00
0	0		0.00
0	0		0.00
1.01			0.51
5.57	5.03		5.30
2.01	1.58		1.80
15.5	14.0		14.74
27.6	24.8		26.20