

BURLINGTON DRINKING WATER SUPPLY PFAS SAMPLING									Ed Thomas Water Treatment Plant							
Isotope Dilution Method - All results are expressed as PPT																
Sample	ET Fin	ET Raw	ET Fin	ET Raw	ET Fin	ET Raw	ET Fin	ET Raw							Ed Thomas	Ed Thomas
date	4/16/2020	4/16/2020	5/15/2020	5/15/2020	6/10/2020	6/10/2020	8/10/2021	8/10/2021							Average	Average
time	1110	1115	925	930	1300	1300	1055	1050							Finished Water	Raw Water
PFOA	8.26	9.68	11.1	12.5	7.86	8.17	12.5	20.7							9.93	12.76
PFOS	12.0	14.10	12.8	15.80	8.25	10.80	8.83	24.7							10.47	16.35
PFBA	0	0	0	0	0	0	0	0							0.00	0.00
PFPeA	0	0	0	0	0	0	0	0							0.00	0.00
PFHxA	3.69	3.63	5.23	5.76	0	0	0	8.34							2.23	4.43
PFHpA	2.7	3.03	4.19	3.99	0	0	0	0							1.72	1.76
PFNA	0.83	0.89	0	0	0	0	0	0							0.21	0.22
PFDA	0.34	0.32	0	0	0	0	0	0							0.08	0.08
PFPFUnA	0	0	0	0	0	0	0	0							0.00	0.00
PFDoA	0	0	0	0	0	0	0	0							0.00	0.00
PFTra	0	0	0	0	0	0	0	0							0.00	0.00
PFTA	0	0	0	0	0	0	0	0							0.00	0.00
L-PFBS	0	0	0	0	0	0	0	0							0.00	0.00
PFPeS	0.68	0.98	0	0	0	0	0	0							0.17	0.25
PFHxS	2.65	2.62	5.64	5.69	0	0	0	0							2.07	2.08
PFHpS	0.36	0.44	0	0	0	0	0	0							0.09	0.11
PFNS	0	0	0	0	0	0	0	0							0.00	0.00
PFDS	0	0	0	0	0	0	0	0							0.00	0.00
PFOSA	0	0	0	0	0	0	0	0							0.00	0.00
N-MeFOSAA	0	0	0	0	0	0	0	0							0.00	0.00
N-EtFOSAA	0	0	0	0	0	0	0	0							0.00	0.00
PFOA + PFOS	20.26	23.78	23.90	28.30	16.11	18.97	21.33	45.40							20.40	29.11
SUM ALL	31.50	35.70	38.96	43.74	16.11	18.97	21.33	53.74							26.98	38.04
Additional cmpds																
4:2 FTS	0	0	0	0	0	0	0	0							0	0
6:2 FTS	0	0	0	0	0	0	0	0							0	0
8:2 FTS	0	0	0	0	0	0	0	0							0	0
HFPO-DA (GenX)	0	0	0	0	0	0	0	0							0	0
PFOA + PFOS removal %	14.8		15.5		15.1		53.0								29.9	
Total PFAS removal %	11.8		10.9		15.1		60.3								29.1	
	Raw water = water from lake prior to treatment															
	Finished water = treated water															