EAST BURLINGTON LANDFILL LEACHATE (ppt)

										self monitor																														
										Gel Labs																														
		SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
	Sample Date	10/31/2019	11/20/2019	12/6/2019	12/9/2019	12/13/2019	12/16/2019	1/20/2020	1/24/2020	9/17/2019	4/21/2020	7/1/2020	8/17/2020	9/22/2020								**Leachate**	11/1/2019	11/25/2019	1/15/2020	6/30/2020	8/14/2020	9/22/2020										**Leachate**
	Collection Time							0345	0400	1525	0345	0230	0709	403								**Average**			0700	"0745	0950	750										**Average**
	1,4 Dioxane (ppb)			**432**	**431**			**456**		**177**		**224**										**344.00**		**130**	**162**	**46.1**												**112.70**
	PFOA	**1190**	**1260**	**1910**	**2180**	**2130**	**2130**	**2000**	**1720**	**884**	**1620**	**2730**	**2260**	**3020**								**1925.69**	**947**	**1190**	**1510**	**1570**	**664**	**1580**										**1243.50**
	PFOS	**505**	**186**	**220**	**218**	**259**	**246**	**353**	**145**	**245**	**212**	**525**	**538**	**531**								**321.77**	**248**	**278**	**278**	**221**	**78.9**	**109**										**202.15**
	PFBA	0	2550	0	0	0	0	2030	1530	743	0	1750	2130	2230								**997.15**	0	0	879	1010	0	775										**444.00**
	PFPeA	0	0	0	0	1780	1730	2020	2090	621	0	2560	1860	2550								**1170.08**	0	0	0	1190	423	1230										**473.83**
	PFHxA	0	8030	6480	6570	7400	7340	9880	7900	2350	7740	8180	5730	11200								**6830.77**	3390	3180	3680.00	3910.00	1490.00	3680.00										**3221.67**
	PFHpA	0	641	720	752	743	745	750	789	344	745	862	1070	941								**700.15**	513	632	602	576	204	508										**505.83**
	PFNA	57	30.2	67.8	60.8	92.5	92.4	111	50.6	44.1	52.9	120	105	117								**77.02**	113	86.4	107	86.5	25.7	55.9										**79.08**
	PFDA	42.7	26.6	56.4	51.1	82.7	75.2	133	53.2	48	54.5	128	115	200								**82.03**	76	38.3	82	58.8	34.3	51.9										**56.88**
	PFPFUnA	0	0	0	0	0	0	10.7	7.24	0	0	0	0	7.37								**1.95**	19.6	16.4	15.7	6.21	0	8.99										**11.15**
	PFDoA	6.68	0	10.2	11.1	7.41	0	13.5	11.5	0	0	0	0	8.9								**5.33**	0	0	0	0	0	0										**0.00**
	PFTrA	0	0	0	0	0	0	11.1	0	0	0	5.61	0	0								**1.29**	0	0	0	0	0	0										**0.00**
	PFTA	9.29	0	23.5	25	0	0	24.5	13.6	0	0	0	0	0								**7.38**	0	9.87	0	0	0	0										**1.65**
	L-PFBS	0	4120	3290	3150	3750	4380	2800	3320	1420	3620	0	2200	3730								**2752.31**	729	0	726	654	120	356										**430.83**
	PFPeS	0	0	0	0	0	0	0	0	28.1	0	2450	0	0								**190.62**	0	0	0	0	0	0										**0.00**
	PFHxS	0	0	0	0	0	0	303.00	319	190	0	0	348	469								**125.31**	246	310	312.00	359.00	93.10	163.00										**247.18**
	PFHpS	0	0	0	0	0	0	0	0	0	0	453	0	0								**34.85**	0	0	0	0	0	0										**0.00**
	PFNS	0	0	0	0	0	0	0	0	13.4	0	0	0	0								**1.03**	0	0	0	0	0	0										**0.00**
	PFDS	0	0	0	0	0	0	0	0	14.9	0	0	0	0								**1.15**	0	0	0	0	0	0										**0.00**
	PFOSA	0	0	0	0	0	0	0	0	0	0	0	21.8	13.4								**2.71**	0	0	0	0	0	0										**0.00**
	N-MeFOSAA	141	49.8	105	87	200	154	325	135	106	139	349	288	373								**188.60**	365	358	427	293	77.9	198										**286.48**
	N-EtFOSAA	41.4	15.2	58.3	43	84.5	65	159	76.4	48.7	68.9	142	140	186								**86.80**	208	280	247	143	59.8	136										**178.97**
	PFOA + PFOS	**1695.0**	**1446.0**	**2130.0**	**2398.0**	**2389.0**	**2376.0**	**2353.0**	**1865.0**	**1129.0**	**1832.0**	**3255.0**	**2798.0**	**3551.0**								**2247.46**	**1195.0**	**1468.0**	**1788.0**	**1791.0**	**742.9**	**1689.0**										**1445.65**
	SUM ALL	**1993.1**	**16908.8**	**12941.2**	**13148.0**	**16529.1**	**16957.6**	**20923.8**	**18160.5**	**7100.2**	**14252.3**	**20254.6**	**16805.8**	**25576.7**								**15503.98**	**6854.6**	**6379.0**	**8865.7**	**10077.5**	**3270.7**	**8851.8**										**7383.21**
	4:2 FTS										0	0	0	0												12	0	8.02										
	6:2 FTS										574	573	923	584												2220	606	1280										
	8:2 FTS										16.8	49.4	52.5	46.4												41.2	15.9	18.9										
	HFPO-DA										0	0	0	0												0	0	0										
	ADONA										0	0	0	0												0	0	0										
	9Cl-PF3ONS										0	0	0	0												0	0	0										
	11Cl-PF3OUdS										0	0	0	0												0	0	0										

NOTES:

* A numeric 0 is used in lieu of ND to facilitate calculation of averages. J values are considered nondetect
* 1,4-Dioxane expressed as ug/L
* PFAS compounds expressed as ng/L