

Polycyclic Aromatic Hydrocarbon (PAH) Concentrations in ICP Complete Compost**

Date	Batch	Benz[a]anthracene	Benz[a]pyrene	Benz[b]fluoranthene	Benz[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Indeno[1,2,3-cd]pyrene	Total B(a)P TE	
									ppb	ppm
4/12/2010	M6	182	253	426	119	230	55.4	301	401	0.401
1/29/2010	M2	265	348	557	154	300	46.3	337	512	0.512
1/29/2010	M11	67.8	75.9	133	34.2	80.2	14.9	89.6	120	0.120
12/4/2009	M4	150	309	468	165	197	76.9	350	485	0.485
8/18/2009	M9	307	370	451	372	427	95.5	331	579	0.579
8/18/2009	M10	210	237	263	188	278	60.9	165	364	0.364
8/4/2009	M5	405	577	681	591	578	122	526	867	0.867
6/29/2009	M12	251	397	461	422	396	73.9	323	579	0.579
6/1/2009	M8	206	313	420	249	286	66.6	376	483	0.483
5/21/2009	M7	149	232	359	153	188	38.8	190	342	0.342
3/2/2009	M3	98.5	137	150	112	114	27.3	138	204	0.204
2/11/2009	M1	173.0	229.0	321.0	204.0	246.0	49.3	235.0	353	0.353
2/11/2009	M3	108.0	83.1	89.0	42.0	160.0	19.3	42.0	127	0.127
2/11/2009	M7	148.0	188.0	239.0	191.0	216.0	40.5	196.0	289	0.289
2/11/2009	M11	47.0	37.6	47.0	47.0	47.0	10.3	47.0	63	0.063
1/30/2009	BK	96.7	142.0	193.0	143.0	144.0	39.3	155.0	227	0.227
1/30/2009	BK	102.0	159.0	193.0	161.0	148.0	37.6	172.0	245	0.245
1/12/2009	M2	94.6	151	210	125	123	37.1	136	234	0.234
1/12/2009	M9	127	149	194	139	159	32.8	119	227	0.227
1/12/2009	M2	93	198	316	96	134	40	224	302	0.302
1/12/2009	M9	73	102	178	56	114	7.5	101	145	0.145
12/11/2008	M2	116	192	234	169	172	48.2	172	294	0.294
12/11/2008	M9	45.5	100	143	45.5	124	25.6	45.5	150	0.150
Compost Average		152.8	216.5	292.4	172.9	211.4	46.3	207.4	330.1	0.330

*values given in parts per billion unless noted otherwise

**B(a)P TE calculations are the methodology used by the State of Vermont for understanding toxic equivalency of probable carcinogenic PAH compounds