

Appendix 5: Total gaseous mercury concentrations above SDM at the Bayonne landfill.

Date	Time	Lower (ng m ⁻³)	Upper (ng m ⁻³)	Height (m)
8/30/2001	11:35:01	8.317		0.7874
8/30/2001	11:40:01	4.311		0.7874
8/30/2001	11:45:01	4.613		0.7874
8/30/2001	11:50:01	3.892		0.7874
8/30/2001	11:55:01	5.035		0.7874
8/30/2001	12:00:01	3.443		0.7874
8/30/2001	12:40:01	7.039		0.7874
8/30/2001	12:45:01	5.087		0.7874
8/30/2001	12:50:01	4.904		0.7874
8/30/2001	12:55:01	3.975		0.7874
8/30/2001	13:00:01	4.870		0.7874
8/30/2001	13:05:01	4.396		0.7874
8/30/2001	13:10:01	4.416		0.7874
8/30/2001	13:26:28		3.820	2.9972
8/30/2001	13:31:28		3.710	2.9972
8/30/2001	13:36:28		3.286	2.9972
8/30/2001	13:41:28		3.508	2.9972
8/30/2001	13:46:28		3.370	2.9972
8/30/2001	13:51:28		3.277	2.9972
8/30/2001	13:56:28	3.465		0.7874
8/30/2001	14:01:28	3.436		0.7874
8/30/2001	14:06:28	3.049		0.7874
8/30/2001	14:11:28	2.925		0.7874
8/30/2001	14:16:28	3.296		0.7874
8/30/2001	14:21:28		2.611	2.9972
8/30/2001	14:26:28		2.302	2.9972
8/30/2001	14:31:28	2.679		0.7874
8/30/2001	14:36:28	2.725		0.7874
8/30/2001	14:41:28		4.400	2.9972
8/30/2001	14:46:28		2.374	2.9972
8/30/2001	14:51:28		3.591	2.9972
10/23/2001	10:40:01	3.135		0.15
10/23/2001	10:45:01	3.81		0.15
10/23/2001	10:50:01	3.132		0.15
10/23/2001	10:55:01	3.242		0.15
10/23/2001	11:00:01	2.95		0.15
10/23/2001	11:05:01		3.18	1.5
10/23/2001	11:10:01		2.752	1.5
10/23/2001	11:15:01		2.826	1.5
10/23/2001	11:20:01		2.667	1.5
10/23/2001	11:25:01		2.796	1.5
10/23/2001	11:30:01	2.546		0.15
10/23/2001	11:35:01	3.16		0.15
10/23/2001	11:40:01	2.659		0.15
10/23/2001	11:45:01	3.203		0.15

10/23/2001	11:50:01	2.844		0.15
10/23/2001	11:55:01		2.763	1.5
10/23/2001	12:00:01		2.408	1.5
10/23/2001	12:05:01		2.963	1.5
10/23/2001	12:10:01		2.82	1.5
10/23/2001	12:15:01		2.963	1.5
10/23/2001	13:00:01	1.204		0.15
10/23/2001	13:05:01	1.201		0.15
10/23/2001	13:10:01	1.076		0.15
10/23/2001	13:15:01	1.173		0.15
10/23/2001	13:20:01	1.049		0.15
10/23/2001	13:25:01		0.987	1.5
10/23/2001	13:30:01		0.898	1.5
10/23/2001	13:35:01		0.933	1.5
10/24/2001	12:05:01	4.742		0.2
10/24/2001	12:10:01	4.513		0.2
10/24/2001	12:15:01	4.600		0.2
10/24/2001	12:20:01	4.089		0.2
10/24/2001	12:25:01	5.751		0.2
10/24/2001	12:30:01	5.656		0.2
10/24/2001	12:35:01	5.020		0.2
10/24/2001	12:40:01		4.087	1.2
10/24/2001	12:45:01		4.748	1.2
10/24/2001	12:50:01		4.180	1.2
10/24/2001	12:55:01		3.050	1.2
10/24/2001	13:00:01		2.897	1.2
10/24/2001	13:05:01		2.811	1.2
10/24/2001	13:10:01		3.177	1.2
10/24/2001	13:15:01	3.880		0.2
10/24/2001	13:20:01	3.317		0.2
10/24/2001	13:25:01	4.315		0.2
10/24/2001	13:30:01	5.650		0.2
10/24/2001	14:00:01	6.199		0.2
10/24/2001	14:05:01	4.635		0.2
10/24/2001	14:10:01	4.663		0.2
10/24/2001	14:15:01	4.132		0.2
10/24/2001	14:20:01	4.391		0.2
10/24/2001	14:40:01		4.362	1.2
10/24/2001	14:45:01		3.407	1.2
10/24/2001	14:50:01		3.759	1.2
10/24/2001	14:55:01		3.209	1.2
10/24/2001	15:00:01		4.237	1.2
10/24/2001	15:05:01		4.335	1.2
10/24/2001	15:10:01		3.924	1.2
10/24/2001	15:15:01		3.270	1.2
10/24/2001	15:20:01	5.357		0.2
10/24/2001	15:25:01	5.243		0.2
10/24/2001	15:30:01	5.707		0.2
10/24/2001	15:35:01	4.925		0.2

10/24/2001	15:40:01	3.353		0.2
10/24/2001	15:45:01	3.112		0.2
10/24/2001	15:50:01		3.053	1.2
10/24/2001	15:55:01		2.796	1.2
10/24/2001	16:00:01		3.345	1.2
10/24/2001	16:05:01		2.640	1.2
10/24/2001	16:10:01	3.207		0.2
10/25/2001	10:10:01		4.595	1.2
10/25/2001	10:15:01		3.271	1.2
10/25/2001	10:20:01		3.685	1.2
10/25/2001	10:25:01		3.569	1.2
10/25/2001	10:30:01		3.955	1.2
10/25/2001	10:35:01		3.680	1.2
10/25/2001	10:40:01		4.209	1.2
10/25/2001	10:45:01		3.455	1.2
10/25/2001	10:50:01		4.502	1.2
10/25/2001	10:55:01		3.469	1.2
10/25/2001	11:00:01		4.240	1.2
10/25/2001	11:05:01		3.931	1.2
10/25/2001	11:10:01		4.925	1.2
10/25/2001	11:15:01	4.740		0.2
10/25/2001	11:25:01	5.342		0.2
10/25/2001	11:30:01	6.876		0.2
10/25/2001	11:35:01	5.269		0.2
10/25/2001	11:40:01	6.113		0.2
10/25/2001	11:45:01	4.403		0.2
10/25/2001	11:50:01	5.050		0.2
10/25/2001	11:55:01	3.666		0.2
10/25/2001	12:00:01	3.726		0.2
10/25/2001	12:05:01	3.729		0.2
10/25/2001	12:10:01	5.290		0.2
10/25/2001	12:15:01		5.283	1.2
10/25/2001	12:20:01		3.604	1.2
10/25/2001	12:25:01		2.605	1.2
10/25/2001	12:30:01		2.543	1.2
10/25/2001	12:35:01		2.247	1.2
10/25/2001	12:40:01		3.376	1.2
10/25/2001	12:45:01		2.921	1.2
10/25/2001	12:50:01		5.454	1.2
10/25/2001	12:55:01		7.049	1.2
10/25/2001	13:00:01		6.612	1.2
10/25/2001	13:05:01		3.193	1.2
10/25/2001	13:10:01		3.474	1.2
10/25/2001	13:15:01		3.133	1.2
10/25/2001	13:20:01		3.054	1.2
10/25/2001	13:25:01		5.535	1.2
10/25/2001	13:30:01		8.946	1.2
10/25/2001	13:35:01		7.586	1.2
10/25/2001	13:40:01		7.012	1.2

10/25/2001	13:45:01		3.919	1.2
10/25/2001	13:50:01	4.961		0.2
10/25/2001	13:55:01	4.366		0.2
10/25/2001	14:00:01	5.270		0.2
10/25/2001	14:05:01	5.889		0.2
10/25/2001	14:10:01	7.005		0.2
10/25/2001	14:15:01	6.479		0.2
10/25/2001	14:20:01	7.565		0.2
10/25/2001	14:25:01	7.874		0.2
10/25/2001	14:30:01	8.263		0.2
10/25/2001	14:35:01	9.878		0.2
10/25/2001	14:40:01	11.046		0.2
10/25/2001	14:45:01	9.442		0.2
10/25/2001	14:50:01		10.694	1.2
10/25/2001	14:55:01		8.114	1.2
10/25/2001	15:00:01		6.085	1.2
10/25/2001	15:05:01		4.647	1.2
10/25/2001	15:10:01		8.370	1.2
10/25/2001	15:15:01		7.182	1.2
10/25/2001	15:20:01		7.983	1.2
10/25/2001	15:25:01		6.521	1.2
5/7/2002	10:45:01		3.288	2.9972
5/7/2002	10:50:01		3.473	2.9972
5/7/2002	10:55:01	4.14		0.7874
5/7/2002	11:00:01	3.689		0.7874
5/7/2002	11:05:01		3.401	2.9972
5/7/2002	11:10:01		3.309	2.9972
5/7/2002	11:15:01	4.141		0.7874
5/7/2002	11:20:01	3.934		0.7874
5/7/2002	11:25:01		3.308	2.9972
5/7/2002	11:30:01		3.544	2.9972
5/7/2002	11:35:01	4.677		0.7874
5/7/2002	11:40:01	4.555		0.7874
5/7/2002	11:45:01		3.384	2.9972
5/7/2002	11:50:01		3.915	2.9972
5/7/2002	11:55:01	4.935		0.7874
5/7/2002	12:00:01	4.806		0.7874
5/7/2002	12:05:01		4.146	2.9972
5/7/2002	12:10:01		4.068	2.9972
5/7/2002	12:15:01	4.707		0.7874
5/7/2002	12:20:01	4.921		0.7874
5/7/2002	12:25:01		4.065	2.9972
5/7/2002	12:30:01		3.823	2.9972
5/7/2002	12:35:01	4.269		0.7874
5/7/2002	12:40:01	4.163		0.7874
5/7/2002	12:45:01		3.424	2.9972
5/7/2002	12:50:01		3.036	2.9972
5/7/2002	12:55:01	3.506		0.7874
5/7/2002	13:00:01	3.613		0.7874

5/7/2002	13:05:01		3.148	2.9972
5/7/2002	13:10:01		3.265	2.9972
5/7/2002	13:15:01	3.557		0.7874
5/7/2002	13:20:01	3.448		0.7874
5/7/2002	13:25:01		2.902	2.9972
5/7/2002	13:30:01		2.99	2.9972
5/7/2002	13:35:01	3.025		0.7874
5/7/2002	13:40:01	2.771		0.7874
5/7/2002	13:45:01		2.461	2.9972
5/7/2002	13:50:01		2.573	2.9972
5/7/2002	13:55:01	3.073		0.7874
5/7/2002	14:00:01	2.937		0.7874
5/7/2002	14:05:01		2.737	2.9972
5/7/2002	14:10:01		2.6	2.9972
5/7/2002	14:15:01	3.019		0.7874
5/7/2002	14:20:01	3.179		0.7874
5/7/2002	14:25:01		2.679	2.9972
5/7/2002	14:30:01		2.553	2.9972
5/7/2002	14:35:01	2.79		0.7874
5/7/2002	14:40:01	2.679		0.7874
5/7/2002	14:45:01		2.389	2.9972
5/7/2002	14:55:01	2.771		0.7874
5/7/2002	20:30:01		2.918	2.9972
5/7/2002	20:35:01		2.964	2.9972
5/7/2002	20:40:01	4.268		0.7874
5/7/2002	20:45:01	2.735		0.7874
5/7/2002	20:50:01		3.201	2.9972
5/7/2002	20:55:01		2.911	2.9972
5/7/2002	21:00:01	2.618		0.7874
5/7/2002	21:05:01	2.643		0.7874
5/7/2002	21:10:01		2.557	2.9972
5/7/2002	21:15:01		2.646	2.9972
5/7/2002	21:20:01	3.595		0.7874
5/7/2002	21:25:01	3.382		0.7874
5/7/2002	21:30:01		2.81	2.9972
5/7/2002	21:35:01		3.301	2.9972
5/7/2002	21:40:01	3.667		0.7874
5/7/2002	21:45:01	3.848		0.7874
5/7/2002	21:50:01		3.555	2.9972
5/7/2002	21:55:01		4.049	2.9972
5/7/2002	22:00:01	3.505		0.7874
5/7/2002	22:05:01	3.203		0.7874
5/7/2002	22:10:01		3.162	2.9972
5/7/2002	22:15:01		3.235	2.9972
5/7/2002	22:20:01	3.315		0.7874
5/7/2002	22:25:01	3.383		0.7874
5/7/2002	22:30:01		3.1	2.9972
5/7/2002	22:35:01		3.235	2.9972
5/7/2002	22:40:01	4.27		0.7874

5/7/2002	22:45:01	4.447		0.7874
5/7/2002	22:50:01		3.925	2.9972
5/7/2002	22:55:01		3.692	2.9972
5/7/2002	23:00:01	3.56		0.7874
5/7/2002	23:05:01	3.468		0.7874
5/7/2002	23:10:01		3.861	2.9972
5/7/2002	23:15:01		3.695	2.9972
5/8/2002	9:55	3.533		0.7874
5/8/2002	10:00	3.153		0.7874
5/8/2002	10:05		4.003	2.9972
5/8/2002	10:10		3.645	2.9972
5/8/2002	10:15	3.109		0.7874
5/8/2002	10:20	3.043		0.7874
5/8/2002	10:25		3.678	2.9972
5/8/2002	10:30		3.269	2.9972
5/8/2002	10:35	2.995		0.7874
5/8/2002	10:40	3.107		0.7874
5/8/2002	10:45		3.532	2.9972
5/8/2002	10:50		3.446	2.9972
5/8/2002	10:55	3.099		0.7874
5/8/2002	11:00	3.041		0.7874
5/8/2002	11:05		3.637	2.9972
5/8/2002	11:10		3.65	2.9972
5/8/2002	11:15	3.126		0.7874
5/8/2002	11:20	3.149		0.7874
5/8/2002	11:25		3.583	2.9972
5/8/2002	11:30		3.398	2.9972
5/8/2002	11:35	2.907		0.7874
5/8/2002	11:40	3.035		0.7874
5/8/2002	11:45		3.33	2.9972
5/8/2002	11:50		3.27	2.9972
5/8/2002	11:55	2.775		0.7874
5/8/2002	12:00	2.816		0.7874
5/8/2002	12:05		3.407	2.9972
5/8/2002	12:10		3.286	2.9972
5/8/2002	12:15	3.142		0.7874
5/8/2002	12:20	3.074		0.7874
5/8/2002	13:30	3.139		0.7874
5/8/2002	13:35	2.858		0.7874
5/8/2002	13:40		3.303	2.9972
5/8/2002	13:45		3.224	2.9972
5/8/2002	13:50	2.893		0.7874
5/8/2002	13:55	2.809		0.7874
5/8/2002	14:00		3.353	2.9972
5/8/2002	14:05		3.21	2.9972
5/8/2002	14:10	3.138		0.7874
5/8/2002	14:15	3.522		0.7874
5/8/2002	14:20		3.689	2.9972

5/8/2002	14:25		3.471	2.9972
5/8/2002	14:30	3.301		0.7874
5/8/2002	14:35	2.901		0.7874
5/8/2002	14:40		3.182	2.9972
5/8/2002	14:45		3.111	2.9972
5/8/2002	14:50	3.139		0.7874
5/8/2002	14:55	3.052		0.7874
5/8/2002	15:00		3.3	2.9972
5/8/2002	15:05		3.361	2.9972
5/8/2002	15:10	3.136		0.7874
5/8/2002	15:15	3.107		0.7874
5/8/2002	15:20		3.515	2.9972
5/8/2002	15:25		3.192	2.9972
5/8/2002	15:30	2.858		0.7874
5/8/2002	15:35	3.001		0.7874
5/8/2002	15:40		3.344	2.9972
5/8/2002	15:45		3.225	2.9972
5/8/2002	15:50	3.075		0.7874
5/8/2002	15:55	3.019		0.7874
5/8/2002	16:00		3.338	2.9972
11/14/2002	10:00:01	2.656		0.7874
11/14/2002	10:10:01		2.341	2.9972
11/14/2002	10:20:01	2.316		0.7874
11/14/2002	10:30:01		2.282	2.9972
11/14/2002	10:40:01	2.019		0.7874
11/14/2002	10:50:01		1.917	2.9972
11/14/2002	11:00:01	1.885		0.7874
11/14/2002	11:10:01		1.911	2.9972
11/14/2002	11:20:01	1.744		0.7874
11/14/2002	11:30:01		1.727	2.9972
11/14/2002	11:40:01	1.772		0.7874
11/14/2002	11:50:01		1.886	2.9972
11/14/2002	12:00:01	1.683		0.7874
11/14/2002	12:10:01		1.719	2.9972
11/14/2002	12:20:01	1.847		0.7874
11/14/2002	13:20:01		1.88	2.9972
11/14/2002	13:30:01	2.073		0.7874
11/14/2002	13:40:01		1.842	2.9972
11/14/2002	13:50:01	1.832		0.7874
11/14/2002	14:00:01		2.026	2.9972
11/14/2002	14:10:01	2.061		0.7874
11/14/2002	14:20:01		2.083	2.9972
11/14/2002	14:30:01	2.063		0.7874
11/14/2002	15:05:01		2.003	2.9972
11/14/2002	15:15:01	1.908		0.7874
11/14/2002	15:25:01		1.92	2.9972
11/14/2002	15:35:01	1.893		0.7874
11/14/2002	15:45:01		1.832	2.9972
11/14/2002	15:55:01	1.846		0.7874

11/14/2002	16:05:01		1.62	2.9972
11/14/2002	16:15:01	1.668		0.7874
11/14/2002	16:25:01		1.68	2.9972
11/14/2002	16:35:01	1.666		0.7874
11/14/2002	16:45:01		1.752	2.9972
11/15/2002	9:20:01		2.586	2.9972
11/15/2002	9:30:01	2.657		0.7874
11/15/2002	9:40:01		2.727	2.9972
11/15/2002	9:50:01	2.735		0.7874
11/15/2002	10:00:01		2.815	2.9972
11/15/2002	10:10:01	2.741		0.7874
11/15/2002	11:00:01		2.702	2.9972
11/15/2002	11:10:01	2.492		0.7874
11/15/2002	11:20:01		2.57	2.9972
11/15/2002	11:30:01	2.623		0.7874
11/15/2002	11:40:01		2.764	2.9972
11/15/2002	11:50:01	2.707		0.7874
11/15/2002	12:00:01		2.854	2.9972
11/15/2002	12:10:01	3.125		0.7874
11/15/2002	12:20:01		2.979	2.9972
11/15/2002	12:30:01	2.855		0.7874
11/15/2002	12:40:01		2.715	2.9972
11/15/2002	12:50:01	2.841		0.7874
11/15/2002	13:00:01		2.691	2.9972
11/15/2002	13:10:01	2.576		0.7874
11/15/2002	13:20:01		2.462	2.9972
11/15/2002	13:30:01	2.541		0.7874
11/15/2002	13:40:01		2.41	2.9972
11/15/2002	13:50:01	2.427		0.7874
11/15/2002	14:00:01		2.412	2.9972