

Annex A4 - Example Hourly Emission Rates in AUSPLUME MODEL

Year	Month	Day	Hour	Temperature (°C)	Wind Speed (m/s)	Wind Direction	Stability Class	Mixing Height	Adjusted Hourly Odour Emission Rate (ou/m2/s)				Adjusted Hourly Odour Emission Rate (ou/s)
									Landfill of MSW+construction waste	Landfill of construction waste	Special Waste Trench	Daily Covered Area	
													SBRs
2006	1	1	1	19	3	67	F	600	0	0	0	0.6	171.5
2006	1	1	2	19	2.4	57	E	600	0	0	0	0.6	171.5
2006	1	1	3	18	1.7	47	F	600	0	0	0	0.6	171.5
2006	1	1	4	18	1.8	79	F	600	0	0	0	0.6	171.5
2006	1	1	5	18	1.6	38	E	600	0	0	0	0.6	171.5
2006	1	1	6	18	1.6	36	E	600	0	0	0	0.6	171.5
2006	1	1	7	18	1	43	E	600	0	0	0	0.6	171.5
2006	1	1	8	18	1.1	87	F	600	4.7	0.6	0	0	171.5
2006	1	1	9	19	1.6	78	D	951	4.7	0.6	158.70	0	171.5
2006	1	1	10	22	1.6	1	C	951	4.7	0.6	158.70	0	171.5
2006	1	1	11	25	0.6	87	B	951	9.4	1.2	317.4	0	343
2006	1	1	12	23	5.1	170	B	951	9.4	1.2	317.4	0	343
2006	1	1	13	26	1.4	122	B	951	9.4	1.2	317.4	0	343
2006	1	1	14	26	2.2	161	B	951	9.4	1.2	317.4	0	343
2006	1	1	15	27	1.6	143	B	951	9.4	1.2	317.4	0	343
2006	1	1	16	23	2.8	165	B	951	9.4	1.2	317.4	0	343
2006	1	1	17	23	1.1	136	D	951	4.7	0.6	158.70	0	171.5
2006	1	1	18	20	1.2	135	F	951	4.7	0.6	0	0	171.5
2006	1	1	19	19	1	60	F	951	4.7	0.6	0	0	171.5
2006	1	1	20	19	0.6	41	F	951	4.7	0.6	0	0	171.5
2006	1	1	21	19	1	55	F	600	4.7	0.6	0	0	171.5
2006	1	1	22	19	1.4	55	F	600	4.7	0.6	0	0	171.5
2006	1	1	23	18	1.9	41	E	600	4.7	0.6	0	0	171.5
2006	1	1	24	18	2.3	87	E	600	0	0	0	0.6	171.5