

Annex A10 - 5-sec Odour Concentration exceeded Criterion and No. of Exceedance of A2 (1.5m above ground) under Worst Case 3 (TVB City)

NOTE: Those highlighted are eliminated after rephasing (ie, avoiding waste tipping between July and November)

Phase 1

Year	Month	Day	Hour	Temp	Wind Speed	Wind Direction	Stability Class	Results	After re-phasing (no disposal at northern sector between July & November)	
06	8	12	19	30	0.5	145	F	12.5		
06	1	28	22	16	0.7	147	F	8.9	No. of exceedance eliminated	15
06	8	13	20	29	0.7	145	F	8.9	Total no. of exceedance	26
06	1	13	19	19	0.7	144	F	8.4	% reduction	57.7
06	8	13	22	29	0.7	144	F	8.4		
06	10	27	20	26	0.7	144	F	8.4		
06	8	8	19	30	0.5	141	F	8.0		
06	10	8	20	26	0.8	146	F	8.0		
06	6	21	20	29	0.6	150	F	7.9		
06	10	10	22	26	0.6	142	F	7.9		
06	8	13	19	29	0.8	147	F	7.8		
06	6	12	20	26	0.8	145	F	7.8		
06	10	23	18	27	0.7	149	F	7.7		
06	11	18	23	24	0.8	144	F	7.4		
06	9	28	21	26	0.9	145	F	6.9		
06	5	27	22	27	0.9	144	F	6.6		
06	10	27	18	27	0.9	144	F	6.6		
06	12	22	23	16	0.9	149	F	6.0		
06	3	20	20	0	1	144	F	5.9		
06	10	17	20	27	1.1	146	F	5.8		
06	1	16	21	20	0.6	152	F	5.5		
06	10	7	23	25	0.6	152	F	5.5		
06	12	4	18	21	1	149	F	5.4		
06	6	2	20	27	1.2	147	F	5.2		
06	6	26	20	30	0.5	139	F	5.1		
06	10	31	19	26	0.8	151	F	5.0		

Phase 2

Year	Month	Day	Hour	Temp	Wind Speed	Wind Direction	Stability Class	Results	After re-phasing (no disposal at northern sector between July & November)	
06	11	18	19	24	0.5	122	F	13.1		
06	9	20	18	28	0.6	121	F	10.4	No. of exceedance eliminated	15
06	7	2	20	30	0.6	125	F	10.3	Total no. of exceedance	21
06	11	27	14	26	0.5	127	F	9.9	% reduction	71.4
06	3	21	20	0	0.7	123	F	9.5		
06	11	20	19	24	0.8	123	F	8.3		
06	4	8	22	23	0.5	128	F	8.2		
06	9	19	19	27	0.7	126	F	8.0		
06	4	3	20	24	0.5	129	F	6.7		
06	10	20	20	27	0.8	127	F	6.1		
06	10	16	23	26	1.1	123	F	6.1		
06	9	20	19	27	1.1	122	F	6.0		
06	10	21	20	27	1.1	122	F	6.0		
06	7	3	19	30	0.6	117	F	5.9		
06	1	10	19	16	0.9	127	F	5.4		
06	10	12	20	27	1.2	121	F	5.2		
06	6	26	23	30	0.8	128	F	5.2		
06	10	28	22	26	1.2	125	F	5.1		
06	11	16	22	24	1.2	125	F	5.1		
06	4	7	20	22	1.1	126	F	5.1		
06	8	27	22	29	1	119	B	5.0		

Phase 3

Year	Month	Day	Hour	Temp	Wind Speed	Wind Direction	Stability Class	Results	After re-phasing (no disposal at northern sector between July & November)	
06	11	27	13	28	0.5	100	F	14.0		
06	6	19	20	28	0.5	97	F	8.6	No. of exceedance eliminated	5
06	3	6	23	0	0.7	100	F	7.2	Total no. of exceedance	10
06	11	27	15	27	1.2	98	F	6.1	% reduction	50.0
06	3	12	8	0	0.8	98	F	5.9		
06	11	18	18	25	0.8	98	F	5.9		
06	12	8	18	23	0.8	97	F	5.4		
06	11	25	22	24	0.9	98	F	5.2		
06	6	19	19	29	0.8	103	F	5.1		
06	9	13	22	22	0.8	103	F	5.1		

Phase 4

Year	Month	Day	Hour	Temp	Wind Speed	Wind Direction	Stability Class	Results	After re-phasing (no disposal at northern sector between July & November)	
06	3	17	23	0	0.5	89	F	6.5		
06	3	26	9	19	0.8	84	F	5.9	No. of exceedance eliminated	2
06	11	15	15	20	1	85	F	5.2	Total no. of exceedance	4
06	11	16	19	24	0.5	83	F	5.0	% reduction	50.0

Phase 5

Year	Month	Day	Hour	Temp	Wind Speed	Wind Direction	Stability Class	Results	After re-phasing (no disposal at northern sector between July & November)	
06	6	28	14	26	0.6	79	F	5.40		
									No. of exceedance eliminated	0
									Total no. of exceedance	1
									% reduction	0.0