

Result Summary (Cumulative 1-hour NO2) - Two-runway System

ASR ID	Location	No. of Storey	Max. 1-hour NO2 Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
Hong Kong Boundary Crossing Facilities												
BCF-1	Planned Passenger Building	N/A			201	111	191	181	178	178	178	178
Tung Chung												
TC-1	Caribbean Coast Block 1	47	217	215	213	206	197	191	185	179	173	168
TC-2	Caribbean Coast Block 6	51	215	214	212	206	198	190	182	177	172	168
TC-3	Caribbean Coast Block 11	52	214	213	211	206	198	190	182	175	170	167
TC-4	Caribbean Coast Block 16	51	215	214	211	205	197	189	181	174	170	166
TC-5	Ho Yu College	7	223	221	218	208	198					
TC-6	Ho Yu Primary School	7	218	217	214	207	198					
TC-7	Coastal Skyline Block 1	50	211	210	209	203	196	188	180	173	169	165
TC-8	Coastal Skyline Block 5	50	208	208	206	202	195	188	180	173	172	172
TC-9	La Rossa Block B	56	212	211	209	203	196	188	180	172	172	172
TC-10	Le Bleu Deux Block 1	15	223	221	216	209	200	191	182	173		
TC-11	Le Bleu Deux Block 3	15	223	221	219	211	202	192	183	174		
TC-12	Le Bleu Deux Block 7	15	220	219	217	210	202	193	184	175		
TC-13	Seaview Crescent Block 1	50	218	217	214	206	197	187	178	172	172	172
TC-14	Seaview Crescent Block 3	49	218	216	213	205	196	187	178	172	172	172
TC-15	Seaview Crescent Block 5	49	215	214	211	204	196	187	179	172	172	172
TC-16	Ling Liang Church E Wun Secondary School	7	213	212	211	205	198					
TC-17	Ling Liang Church Sau Tak Primary School	7	208	208	206	202	196					
TC-18	Tung Chung Public Library	4	217	216	214	207						
TC-19	Tung Chung North Park	1	213	212								
TC-20	Novotel Citygate Hong Kong	30	222	221	218	208	197	186	177	172	172	172
TC-21	One Citygate	5	206	205	204	199						
TC-22	One Citygate Bridge	10	210	208	205	198	191	183				
TC-23	Fu Tung Shopping Centre	4	209	208	205	196						
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	229	228	224							
TC-25	Ching Chung Hau Po Woon Primary School	7	218	217	214	205	194					
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	197	196	195	189	180					
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	186	186	184	179	173					
TC-28	Wong Cho Bau Secondary School	7	207	206	204	198	189					
TC-29	Yu Tung Court - Hei Tung House	33	187	186	184	179	172	164	155	147	142	142
TC-30	Yu Tung Court - Hor Tung House	36	193	192	190	184	175	166	157	148	142	142
TC-31	Fu Tung Estate - Tung Ma House	30	189	188	185	179	172	163	154	145	142	142
TC-32	Fu Tung Estate - Tung Shing House	30	213	210	202	187	177	167	157	148	142	142
TC-33	Tung Chung Crescent Block 1	28	199	197	195	188	178	167	157	147	142	142
TC-34	Tung Chung Crescent Block 3	30	192	191	188	181	172	162	153	145	144	144
TC-35	Tung Chung Crescent Block 5	33	197	195	192	182	171	161	152	151	149	147
TC-36	Tung Chung Crescent Block 7	39	210	206	197	181	171	161	152	151	149	146
TC-37	Tung Chung Crescent Block 9	43	236	227	211	192	179	166	155	149	148	146
TC-38	Yat Tung Estate - Shun Yat House	35	182	181	180	175	170	163	155	148	142	142
TC-39	Yat Tung Estate - Mei Yat House	36	174	173	172	169	165	159	153	147	142	142
TC-40	Yat Tung Estate - Hong Yat House	35	168	168	167	164	160	156	151	146	142	142
TC-41	Yat Tung Estate - Ping Yat House	35	163	163	162	160	157	153	149	144	142	142
TC-42	Yat Tung Estate - Fuk Yat House	35	161	161	160	158	155	152	147	143	142	142
TC-43	Yat Tung Estate - Ying Yat House	35	164	163	163	161	157	153	149	144	142	142
TC-44	Yat Tung Estate - Sui Yat House	35	174	173	171	168	163	158	152	146	142	142
TC-45	Village house at Ma Wan Chung	35	196	196	194	187	179	169	159	149	143	142
TC-46	Ma Wan New Village	3	199	197	193							
TC-47	Tung Chung Our Lady Kindergarden	1	177	174								
TC-48	Sheung Ling Pei	3	168	167	165							
TC-49	Tung Chung Public School	1	162	162								
TC-50	Ha Ling Pei	3	166	165	163							
TC-51	Lung Tseung Tau	3	188	188	186							
TC-52	YMCA of Hong Kong Christian College	8	202	201	199	194	189					
TC-53	Hau Wong Temple	1	162	162								
TC-54	Sha Tsui Tau	3	163	163	163							
TC-55	Nean Au	3	190	188	187							
TC-56	Shek Lau Po	3	192	191	189							
TC-57	Mo Ka	3	185	184	183							
TC-58	Shek Mun Kap	3	185	184	182							
TC-59	Shek Mun Kap Lo Hon Monastery	3	183	182	181							
TC-P1	Planned North Lantau Hospital	N/A	182	181	180	175	169	163	156	149	142	142
TC-P2	Planned Park near One Citygate	1	209	208								
TC-P5	Tung Chung West Development	N/A	183	181	177	163	162	161	160	160	160	160
TC-P6	Tung Chung West Development	N/A	208	207	205	195	183	169	156	151	148	147
TC-P7	Tung Chung West Development	N/A	220	219	218	211	196	185	175	172	172	172
TC-P8	Tung Chung East Development	N/A	216	215	212	206	200	193	185	178	171	166
TC-P9	Tung Chung East Development	N/A	190	190	189	185	181	177	172	168	164	161
TC-P10	Tung Chung East Development	N/A	168	168	168	168	167	167	166	166	166	165
TC-P11	Tung Chung East Development	N/A	175	176	175	172	167	166	166	165	165	165
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	225	224	223	216	208	198	187	178	172	172
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	225	219	212	206	200	193	185	178	171	166
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	214	213	210	204	198	192	185	178	172	167
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	220	216	211	204	198	192	185	179	173	168
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	206	205	204	201	196	190	184	178	173	168
TC-P17	Tung Chung Area 39	N/A	157	157	156	152	149	145	142	142	142	142

Result Summary (Cumulative 1-hour NO2) - Two-runway System

ASR ID	Location	No. of Storey	Max. 1-hour NO2 Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	220	218	214							
ST-2	Village house at Kau Liu	3	225	222	218							
ST-3	Village house at San Tau	3	207	206	202							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	227	217	208							
SLW-2	Sha Lo Wan House No.5	3	280	273	261							
SLW-3	Sha Lo Wan House No.9	3	262	255	245							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	219	210	200							
San Shek Wan												
SSW-1	San Shek Wan	3	186	185	182							
Sham Wat												
SW-1	Sham Wat House No. 39	3	176	177	174							
SW-2	Sham Wat House No. 30	3	215	215	205							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	165	164	163							
SHW-2	Village house at Ngau Kwu Long	3	201	200	199							
SHW-3	Village house at Tai Ho San Tsuen	3	246	245	244							
SHW-4	Siu Ho Wan MTRC Depot	3	168	168	167							
SHW-5	Tin Liu Village	3	202	202	201							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	167	167	167	167	166	166	166	166	166	166
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	167	167	167	166	166	166	166	166	166	166
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	167	167	167	166	166	166	166	166	166	166
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	167	167	167	166	166	166	166	166	166	166
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	208	208								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	211	211								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	212	212								
TM-10	Pillar Point Fire Station	3	211	211	211							
TM-11	Butterfly Beach Laundry	5	206	205	205	205						
TM-12	River Trade Terminal	2	214	214	214							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	199	198	198	198	197	201	196	196	207	200
TM-14	EcoPark Administration Building	1	209	209								
TM-15	Castle Peak Power Plant Administration Building	1	212	211								
TM-16	Customs and Excise Department Harbour River Trade Division	6	211	211	211	211						
TM-17	Saw Mill Number 61-69	1	214	210								
TM-18	Saw Mill Number 35-49	1	208	208								
TM-19	Ho Yeung Street Number 22	1	206	205								

Note:

- [1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative 1-hour NO2 - Number of Exceedance against the AQO) - Two-runway System

ASR ID	Location	No. of Storey	Number of Exceedance (1-hour NO2) at various height									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
Hong Kong Boundary Crossing Facilities												
BCF-1	Planned Passenger Building	N/A			1[1]	0	0	0	0	0	0	0
Tung Chung												
TC-1	Caribbean Coast Block 1	47	2	2	2	2	0	0	0	0	0	0
TC-2	Caribbean Coast Block 6	51	2	2	1	1	0	0	0	0	0	0
TC-3	Caribbean Coast Block 11	52	1	1	1	1	0	0	0	0	0	0
TC-4	Caribbean Coast Block 16	51	1	1	1	1	0	0	0	0	0	0
TC-5	Ho Yu College	7	2	2	2	2	0					
TC-6	Ho Yu Primary School	7	2	2	2	2	0					
TC-7	Coastal Skyline Block 1	50	1	1	1	1	0	0	0	0	0	0
TC-8	Coastal Skyline Block 5	50	1	1	1	1	0	0	0	0	0	0
TC-9	La Rossa Block B	56	1	1	1	1	0	0	0	0	0	0
TC-10	Le Bleu Deux Block 1	15	2	2	2	1	1	0	0	0		
TC-11	Le Bleu Deux Block 3	15	2	2	2	1	1	0	0	0		
TC-12	Le Bleu Deux Block 7	15	2	2	2	1	1	0	0	0		
TC-13	Seaview Crescent Block 1	50	2	2	1	1	0	0	0	0	0	0
TC-14	Seaview Crescent Block 3	49	1	1	1	1	0	0	0	0	0	0
TC-15	Seaview Crescent Block 5	49	1	1	1	1	0	0	0	0	0	0
TC-16	Ling Liang Church E Wun Secondary School	7	1	1	1	1	0					
TC-17	Ling Liang Church Sau Tak Primary School	7	1	1	1	1	0					
TC-18	Tung Chung Public Library	4	1	1	1	1						
TC-19	Tung Chung North Park	1	1	1	1							
TC-20	Novotel Citygate Hong Kong	30	1	1	1	1	0	0	0	0	0	0
TC-21	One Citygate	5	1	1	1	0						
TC-22	One Citygate Bridge	10	1	1	1	0	0	0				
TC-23	Fu Tung Shopping Centre	4	1	1	1	0						
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	1	1	1							
TC-25	Ching Chung Hau Po Woon Primary School	7	1	1	1	1	0					
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	0	0	0	0	0					
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	0	0	0	0	0					
TC-28	Wong Cho Bau Secondary School	7	1	1	1	0	0					
TC-29	Yu Tung Court - Hei Tung House	33	0	0	0	0	0	0	0	0	0	0
TC-30	Yu Tung Court - Hor Tung House	36	0	0	0	0	0	0	0	0	0	0
TC-31	Fu Tung Estate - Tung Ma House	30	0	0	0	0	0	0	0	0	0	0
TC-32	Fu Tung Estate - Tung Shing House	30	1	1	1	0	0	0	0	0	0	0
TC-33	Tung Chung Crescent Block 1	28	0	0	0	0	0	0	0	0	0	0
TC-34	Tung Chung Crescent Block 3	30	0	0	0	0	0	0	0	0	0	0
TC-35	Tung Chung Crescent Block 5	33	0	0	0	0	0	0	0	0	0	0
TC-36	Tung Chung Crescent Block 7	39	1	1	0	0	0	0	0	0	0	0
TC-37	Tung Chung Crescent Block 9	43	1	1	1	0	0	0	0	0	0	0
TC-38	Yat Tung Estate - Shun Yat House	35	0	0	0	0	0	0	0	0	0	0
TC-39	Yat Tung Estate - Mei Yat House	36	0	0	0	0	0	0	0	0	0	0
TC-40	Yat Tung Estate - Hone Yat House	35	0	0	0	0	0	0	0	0	0	0
TC-41	Yat Tung Estate - Ping Yat House	35	0	0	0	0	0	0	0	0	0	0
TC-42	Yat Tung Estate - Fuk Yat House	35	0	0	0	0	0	0	0	0	0	0
TC-43	Yat Tung Estate - Ying Yat House	35	0	0	0	0	0	0	0	0	0	0
TC-44	Yat Tung Estate - Sui Yat House	35	0	0	0	0	0	0	0	0	0	0
TC-45	Village house at Ma Wan Chung	35	0	0	0	0	0	0	0	0	0	0
TC-46	Ma Wan New Village	3	0	0	0							
TC-47	Tung Chung Our Lady Kindergarden	1	0	0								
TC-48	Sheung Ling Pei	3	0	0	0							
TC-49	Tung Chung Public School	1	0	0								
TC-50	Ha Line Pei	3	0	0	0							
TC-51	Lung Tseung Tau	3	0	0	0							
TC-52	YMCA of Hong Kong Christian College	8	1	1	0	0	0					
TC-53	Hau Wong Temple	1	0	0								
TC-54	Sha Tsui Tau	3	0	0	0							
TC-55	Nean Au	3	0	0	0							
TC-56	Shek Lau Po	3	0	0	0							
TC-57	Mo Ka	3	0	0	0							
TC-58	Shek Mun Kap	3	0	0	0							
TC-59	Shek Mun Kap Lo Hon Monastery	3	0	0	0							
TC-P1	Planned North Lantau Hospital	N/A	0	0	0	0	0	0	0	0	0	0
TC-P2	Planned Park near One Citygate	1	1	1								
TC-P5	Tung Chung West Development	N/A	0	0	0	0	0	0	0	0	0	0
TC-P6	Tung Chung West Development	N/A	1	1	1	0	0	0	0	0	0	0
TC-P7	Tung Chung West Development	N/A	1	1	1	1	0	0	0	0	0	0
TC-P8	Tung Chung East Development	N/A	2	2	2	2	1	0	0	0	0	0
TC-P9	Tung Chung East Development	N/A	0	0	0	0	0	0	0	0	0	0
TC-P10	Tung Chung East Development	N/A	0	0	0	0	0	0	0	0	0	0
TC-P11	Tung Chung East Development	N/A	0	0	0	0	0	0	0	0	0	0
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	2	2	2	2	1	0	0	0	0	0
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	2	2	2	2	0	0	0	0	0	0
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	2	2	2	2	0	0	0	0	0	0
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	2	2	2	2	0	0	0	0	0	0
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	2	2	2	1	0	0	0	0	0	0
TC-P17	Tung Chung Area 39	N/A	0	0	0	0	0	0	0	0	0	0

Result Summary (Cumulative 1-hour NO2 - Number of Exceedance against the AQO) - Two-runway System

ASR ID	Location	No. of Storey	Number of Exceedance (1-hour NO2) at various height									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	1	1	1							
ST-2	Village house at Kau Liu	3	1	1	1							
ST-3	Village house at San Tau	3	1	1	1							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	8	6	6							
SLW-2	Sha Lo Wan House No.5	3	5	4	2							
SLW-3	Sha Lo Wan House No.9	3	1	1	1							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	2	1	1							
San Shek Wan												
SSW-1	San Shek Wan	3	0	0	0							
Sham Wat												
SW-1	Sham Wat House No. 39	3	0	0	0							
SW-2	Sham Wat House No. 30	3	2	1	1							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	0	0	0							
SHW-2	Village house at Ngau Kwu Long	3	1	1	0							
SHW-3	Village house at Tai Ho San Tsuen	3	6	6	6							
SHW-4	Siu Ho Wan MTRC Depot	3	0	0	0							
SHW-5	Tin Liu Village	3	1	1	1							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	0	0	0	0	0	0	0	0	0	0
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	0	0	0	0	0	0	0	0	0	0
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	0	0	0	0	0	0	0	0	0	0
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	0	0	0	0	0	0	0	0	0	0
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	3	3								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	3	3								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	5	4								
TM-10	Pillar Point Fire Station	3	3	3	3							
TM-11	Butterfly Beach Laundry	5	2	2	2	1						
TM-12	River Trade Terminal	2	3	3	3							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	0	0	0	0	0	1	0	0	1	1
TM-14	EcoPark Administration Building	1	2	2								
TM-15	Castle Peak Power Plant Administration Building	1	3	3								
TM-16	Customs and Excise Department Harbour River Trade Division	6	3	2	2	2						
TM-17	Saw Mil Number 61-69	1	5	5								
TM-18	Saw Mil Number 35-49	1	5	5								
TM-19	Ho Yeung Street Number 22	1	1	1								

Note:

[1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative Annual NO2) - Two-runway System

ASR ID	Location	No. of Storey	Max. Annual NO2 Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
Hong Kong Boundary Crossing Facilities												
BCF-1	Planned Passenger Building	N/A			38(1)	35	31	29	28	28	27	27
Tung Chung												
TC-1	Caribbean Coast Block 1	47	28	28	27	26	25	24	24	23	23	23
TC-2	Caribbean Coast Block 6	51	28	28	27	26	25	24	24	23	23	23
TC-3	Caribbean Coast Block 11	52	28	27	27	26	25	24	24	23	23	23
TC-4	Caribbean Coast Block 16	51	28	28	27	26	25	24	24	24	23	23
TC-5	Ho Yu College	7	27	26	26	26	25					
TC-6	Ho Yu Primary School	7	27	27	26	26	25					
TC-7	Coastal Skyline Block 1	50	28	28	27	26	25	24	24	24	23	23
TC-8	Coastal Skyline Block 5	50	28	28	28	27	26	25	25	24	24	24
TC-9	La Rossa Block B	56	28	28	27	27	26	25	25	24	24	24
TC-10	Le Bleu Deux Block 1	15	28	27	27	27	26	25	25	25		
TC-11	Le Bleu Deux Block 3	15	27	27	27	26	26	25	25	25		
TC-12	Le Bleu Deux Block 7	15	27	27	27	26	26	25	25	25		
TC-13	Seaview Crescent Block 1	50	28	28	28	27	26	25	25	25	24	24
TC-14	Seaview Crescent Block 3	49	28	28	28	27	26	25	25	25	24	24
TC-15	Seaview Crescent Block 5	49	28	28	28	27	26	25	25	24	24	24
TC-16	Ling Liang Church E Wun Secondary School	7	30	30	28	27	26					
TC-17	Ling Liang Church Sau Tak Primary School	7	30	30	29	27	26					
TC-18	Tung Chung Public Library	4	30	29	28	27						
TC-19	Tung Chung North Park	1	31	30								
TC-20	Novotel Citygate Hong Kong	30	30	29	28	27	26	25	25	24	24	24
TC-21	One Citygate	5	30	29	28	27						
TC-22	One Citygate Bridge	10	33	30	28	27	26	25				
TC-23	Fu Tung Shopping Centre	4	27	26	26	25						
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	26	26	26							
TC-25	Ching Chung Hau Po Woon Primary School	7	26	26	25	24	24					
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	25	25	25	24	24					
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	26	26	25	24	23					
TC-28	Wong Cho Bau Secondary School	7	26	26	25	24	23					
TC-29	Yu Tung Court - Hei Tung House	33	25	25	25	24	23	23	22	22	22	22
TC-30	Yu Tung Court - Hor Tung House	36	26	26	25	24	23	23	22	22	22	22
TC-31	Fu Tung Estate - Tung Ma House	30	26	25	25	24	24	23	23	22	22	22
TC-32	Fu Tung Estate - Tung Shing House	30	26	26	26	24	23	23	23	22	22	22
TC-33	Tung Chung Crescent Block 1	28	30	29	27	24	23	23	23	22	22	22
TC-34	Tung Chung Crescent Block 3	30	27	26	26	25	24	23	23	22	22	22
TC-35	Tung Chung Crescent Block 5	33	26	26	26	25	24	23	23	22	22	22
TC-36	Tung Chung Crescent Block 7	39	27	26	26	25	24	23	23	23	22	22
TC-37	Tung Chung Crescent Block 9	43	29	28	26	24	24	23	23	22	22	22
TC-38	Yat Tung Estate - Shun Yat House	35	24	24	24	23	23	23	22	22	22	22
TC-39	Yat Tung Estate - Mei Yat House	36	25	25	24	23	23	22	22	22	22	22
TC-40	Yat Tung Estate - Hone Yat House	35	25	24	24	23	23	22	22	22	22	22
TC-41	Yat Tung Estate - Ping Yat House	35	24	24	24	23	22	22	22	22	22	22
TC-42	Yat Tung Estate - Fuk Yat House	35	24	24	23	23	22	22	22	22	22	22
TC-43	Yat Tung Estate - Ying Yat House	35	23	23	23	23	23	22	22	22	22	22
TC-44	Yat Tung Estate - Sui Yat House	35	23	23	23	23	23	22	22	22	22	22
TC-45	Village house at Ma Wan Chung	35	24	24	24	24	23	23	23	23	22	22
TC-46	Ma Wan New Village	3	23	22	22							
TC-47	Tung Chung Our Lady Kindergarden	1	23	23								
TC-48	Sheung Ling Pei	3	23	23	23							
TC-49	Tung Chung Public School	1	23	23								
TC-50	Ha Line Pei	3	23	23	23							
TC-51	Lung Tseung Tau	3	22	22	22							
TC-52	YMCA of Hong Kong Christian College	8	26	26	25	25	25					
TC-53	Hau Wong Temple	1	26	26								
TC-54	Sha Tsui Tau	3	23	23	23							
TC-55	Nean Au	3	26	25	25							
TC-56	Shek Lau Po	3	25	25	25							
TC-57	Mo Ka	3	25	25	25							
TC-58	Shek Mun Kap	3	24	24	24							
TC-59	Shek Mun Kap Lo Hon Monastery	3	24	24	24							
TC-P1	Planned North Lantau Hospital	N/A	25	25	24	23	23	22	22	22	22	22
TC-P2	Planned Park near One Citygate	1	30	30								
TC-P5	Tung Chung West Development	N/A	27	27	27	27	26	26	25	25	25	24
TC-P6	Tung Chung West Development	N/A	25	25	25	24	24	23	23	23	23	22
TC-P7	Tung Chung West Development	N/A	29	29	28	27	26	25	25	25	24	24
TC-P8	Tung Chung East Development	N/A	26	25	25	25	25	25	24	24	24	24
TC-P9	Tung Chung East Development	N/A	25	25	25	25	25	24	24	24	24	23
TC-P10	Tung Chung East Development	N/A	26	26	26	26	26	25	25	25	25	24
TC-P11	Tung Chung East Development	N/A	27	26	26	26	26	25	25	25	25	24
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	27	27	27	26	26	25	25	25	24	24
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	27	26	26	25	25	25	24	24	24	24
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	27	27	26	26	25	25	24	24	24	23
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	27	27	26	26	25	24	24	24	23	23
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	27	27	27	26	25	24	24	24	23	23
TC-P17	Tung Chung Area 39	N/A	23	23	23	23	22	22	22	22	22	22

Result Summary (Cumulative Annual NO2) - Two-runway System

ASR ID	Location	No. of Storey	Max. Annual NO2 Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	31	30	30							
ST-2	Village house at Kau Liu	3	31	30	30							
ST-3	Village house at San Tau	3	29	29	29							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	39	38	37							
SLW-2	Sha Lo Wan House No.5	3	35	34	34							
SLW-3	Sha Lo Wan House No.9	3	32	31	31							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	32	32	32							
San Shek Wan												
SSW-1	San Shek Wan	3	27	27	27							
Sham Wat												
SW-1	Sham Wat House No. 39	3	22	21	21							
SW-2	Sham Wat House No. 30	3	21	21	21							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	24	24	24							
SHW-2	Village house at Ngau Kwu Long	3	24	24	24							
SHW-3	Village house at Tai Ho San Tsuen	3	23	23	23							
SHW-4	Siu Ho Wan MTRC Depot	3	30	29	29							
SHW-5	Tin Liu Village	3	24	24	24							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	27	27	27	27	26	26	25	25	25	25
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	26	26	26	26	26	26	25	25	25	25
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	26	26	26	26	26	26	25	25	25	25
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	26	26	26	26	26	26	25	25	25	25
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	34	34								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	37	36								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	37	37								
TM-10	Pillar Point Fire Station	3	38	38	38							
TM-11	Butterfly Beach Laundry	5	33	33	32	32						
TM-12	River Trade Terminal	2	37	37	38							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	35	35	34	34	34	34	34	33	32	31
TM-14	EcoPark Administration Building	1	36	35								
TM-15	Castle Peak Power Plant Administration Building	1	33	33								
TM-16	Customs and Excise Department Harbour River Trade Division	6	37	37	36	34						
TM-17	Saw Mil Number 61-69	1	37	36								
TM-18	Saw Mil Number 35-49	1	36	36								
TM-19	Ho Yeung Street Number 22	1	34	34								

Note:

[1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative 24-hour RSP) - Two-runway System

ASR ID	Location	No. of Storey	Max. 24-hour RSP Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
Hong Kong Boundary Crossing Facilities												
BCF-1	Planned Passenger Building	N/A			122	111	121	121	121	121	121	121
Tung Chung												
TC-1	Caribbean Coast Block 1	47	116	116	116	115	115	115	115	115	115	115
TC-2	Caribbean Coast Block 6	51	116	116	116	116	115	115	115	115	115	115
TC-3	Caribbean Coast Block 11	52	116	116	116	116	115	115	115	115	115	115
TC-4	Caribbean Coast Block 16	51	116	116	116	116	115	115	115	115	115	115
TC-5	Ho Yu College	7	116	116	116	116	115					
TC-6	Ho Yu Primary School	7	116	116	116	116	115					
TC-7	Coastal Skyline Block 1	50	116	116	116	116	116	115	115	115	115	115
TC-8	Coastal Skyline Block 5	50	116	116	116	116	116	116	115	115	115	115
TC-9	La Rossa Block B	56	116	116	116	116	116	116	115	115	115	115
TC-10	Le Bleu Deux Block 1	15	116	116	116	116	116	116	115	115		
TC-11	Le Bleu Deux Block 3	15	116	116	116	116	116	116	115	115		
TC-12	Le Bleu Deux Block 7	15	116	116	116	116	116	116	116	115		
TC-13	Seaview Crescent Block 1	50	116	116	116	116	116	116	115	115	115	115
TC-14	Seaview Crescent Block 3	49	116	116	116	116	116	116	115	115	115	115
TC-15	Seaview Crescent Block 5	49	116	116	116	116	116	116	115	115	115	115
TC-16	Ling Liang Church E Wun Secondary School	7	117	117	116	116	116					
TC-17	Ling Liang Church Sau Tak Primary School	7	117	116	116	116	116					
TC-18	Tung Chung Public Library	4	117	117	116	116						
TC-19	Tung Chung North Park	1	116	116								
TC-20	Novotel Citygate Hong Kong	30	117	117	116	116	116	116	115	115	115	115
TC-21	One Citygate	5	116	116	116	116						
TC-22	One Citygate Bridge	10	116	116	116	116	116	116				
TC-23	Fu Tung Shopping Centre	4	113	113	113	113						
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	113	113	113							
TC-25	Ching Chung Hau Po Woon Primary School	7	113	113	113	113	113					
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	113	113	113	113	112					
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	113	113	113	112	112					
TC-28	Wong Cho Bau Secondary School	7	113	113	113	113	112					
TC-29	Yu Tung Court - Hei Tung House	33	113	112	112	112	112	112	112	112	112	112
TC-30	Yu Tung Court - Hor Tung House	36	112	112	112	112	112	112	112	112	112	112
TC-31	Fu Tung Estate - Tung Ma House	30	113	113	113	113	112	112	112	112	112	112
TC-32	Fu Tung Estate - Tung Shing House	30	113	113	112	112	112	112	112	112	112	112
TC-33	Tung Chung Crescent Block 1	28	113	113	112	112	112	112	112	112	112	112
TC-34	Tung Chung Crescent Block 3	30	113	113	113	112	112	112	112	112	112	112
TC-35	Tung Chung Crescent Block 5	33	113	113	113	113	112	112	112	112	112	112
TC-36	Tung Chung Crescent Block 7	39	113	113	113	112	112	112	112	112	112	112
TC-37	Tung Chung Crescent Block 9	43	113	113	112	112	112	112	112	112	112	112
TC-38	Yat Tung Estate - Shun Yat House	35	112	112	112	112	112	112	112	112	112	112
TC-39	Yat Tung Estate - Mei Yat House	36	112	112	112	112	112	112	112	112	112	112
TC-40	Yat Tung Estate - Hong Yat House	35	112	112	112	112	112	112	112	112	112	112
TC-41	Yat Tung Estate - Ping Yat House	35	112	112	112	112	112	112	112	112	112	112
TC-42	Yat Tung Estate - Fuk Yat House	35	112	112	112	112	112	112	112	112	112	112
TC-43	Yat Tung Estate - Yina Yat House	35	112	112	112	112	112	112	112	112	112	112
TC-44	Yat Tung Estate - Sui Yat House	35	112	112	112	112	112	112	112	112	112	112
TC-45	Village house at Ma Wan Chung	35	112	112	112	112	112	112	112	112	112	112
TC-46	Ma Wan New Village	3	112	112	112							
TC-47	Tung Chung Our Lady Kindergarden	1	112	112								
TC-48	Sheung Ling Pei	3	112	112	112							
TC-49	Tung Chung Public School	1	112	112								
TC-50	Ha Ling Pei	3	112	112	112							
TC-51	Lung Tseung Tau	3	110	110	110							
TC-52	YMCA of Hong Kong Christian College	8	111	111	111	111	111					
TC-53	Hau Wong Temple	1	112	112								
TC-54	Sha Tsui Tau	3	112	112	112							
TC-55	Nean Au	3	111	111	111							
TC-56	Shek Lau Po	3	111	111	111							
TC-57	Mo Ka	3	111	111	111							
TC-58	Shek Mun Kap	3	111	111	111							
TC-59	Shek Mun Kap Lo Hon Monastery	3	111	111	111							
TC-P1	Planned North Lantau Hospital	N/A	112	112	112	112	112	112	112	112	112	112
TC-P2	Planned Park near One Citygate	1	116	116								
TC-P5	Tung Chung West Development	N/A	112	112	112	112	112	112	112	112	112	112
TC-P6	Tung Chung West Development	N/A	112	112	112	112	112	112	112	112	112	112
TC-P7	Tung Chung West Development	N/A	116	116	116	116	116	115	115	115	115	115
TC-P8	Tung Chung East Development	N/A	116	116	116	116	116	115	115	115	115	115
TC-P9	Tung Chung East Development	N/A	116	116	116	116	115	115	115	115	115	115
TC-P10	Tung Chung East Development	N/A	118	118	118	118	118	118	118	118	118	118
TC-P11	Tung Chung East Development	N/A	118	118	118	118	118	118	118	118	118	118
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	116	116	116	116	116	116	116	115	115	115
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	116	116	116	116	116	115	115	115	115	115
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	116	116	116	116	115	115	115	115	115	115
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	116	116	116	115	115	115	115	115	115	115
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	116	116	116	116	115	115	115	115	115	115
TC-P17	Tung Chung Area 39	N/A	112	112	112	112	112	112	112	112	112	112

Result Summary (Cumulative 24-hour RSP) - Two-runway System

ASR ID	Location	No. of Storey	Max. 24-hour RSP Concentration at various height (ug/m ³)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	112	112	112							
ST-2	Village house at Kau Liu	3	112	112	112							
ST-3	Village house at San Tau	3	112	112	112							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	117	117	117							
SLW-2	Sha Lo Wan House No.5	3	116	116	116							
SLW-3	Sha Lo Wan House No.9	3	115	115	115							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	115	115	115							
San Shek Wan												
SSW-1	San Shek Wan	3	115	115	115							
Sham Wat												
SW-1	Sham Wat House No. 39	3	113	113	113							
SW-2	Sham Wat House No. 30	3	117	117	117							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	116	116	116							
SHW-2	Village house at Ngau Kwu Long	3	114	114	114							
SHW-3	Village house at Tai Ho San Tsuen	3	111	111	111							
SHW-4	Siu Ho Wan MTRC Depot	3	117	117	117							
SHW-5	Tin Liu Village	3	114	114	114							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	117	117	117	117	117	117	117	117	117	117
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	117	117	117	117	117	117	117	117	117	117
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	117	117	117	117	117	117	117	117	117	117
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	117	117	117	117	117	117	117	117	117	117
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	118	118								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	120	120								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	120	120								
TM-10	Pillar Point Fire Station	3	120	120	120							
TM-11	Butterfly Beach Laundry	5	119	118	118	118						
TM-12	River Trade Terminal	2	120	120	120							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	123	123	123	123	123	122	121	120	120	120
TM-14	EcoPark Administration Building	1	129	129								
TM-15	Castle Peak Power Plant Administration Building	1	122	122								
TM-16	Customs and Excise Department Harbour River Trade Division	6	120	120	120	119						
TM-17	Saw Mil Number 61-69	1	119	119								
TM-18	Saw Mil Number 35-49	1	119	118								
TM-19	Ho Yeung Street Number 22	1	119	119								

Note:

- [1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative 24-hour RSP - Number of Exceedance against the AQO) - Two-runway System

ASR ID	Location	No. of Storey	Number of Exceedance (24-hour RSP) at various height									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
Hong Kong Boundary Crossing Facilities												
BCF-1	Planned Passenger Building	N/A			1 [1]							
Tung Chung												
TC-1	Caribbean Coast Block 1	47	1	1	1	1	1	1	1	1	1	1
TC-2	Caribbean Coast Block 6	51	1	1	1	1	1	1	1	1	1	1
TC-3	Caribbean Coast Block 11	52	1	1	1	1	1	1	1	1	1	1
TC-4	Caribbean Coast Block 16	51	1	1	1	1	1	1	1	1	1	1
TC-5	Ho Yu College	7	1	1	1	1	1	1	1	1	1	1
TC-6	Ho Yu Primary School	7	1	1	1	1	1	1	1	1	1	1
TC-7	Coastal Skyline Block 1	50	1	1	1	1	1	1	1	1	1	1
TC-8	Coastal Skyline Block 5	50	1	1	1	1	1	1	1	1	1	1
TC-9	La Rossa Block B	56	1	1	1	1	1	1	1	1	1	1
TC-10	Le Bleu Deux Block 1	15	1	1	1	1	1	1	1	1	1	1
TC-11	Le Bleu Deux Block 3	15	1	1	1	1	1	1	1	1	1	1
TC-12	Le Bleu Deux Block 7	15	1	1	1	1	1	1	1	1	1	1
TC-13	Seaview Crescent Block 1	50	1	1	1	1	1	1	1	1	1	1
TC-14	Seaview Crescent Block 3	49	1	1	1	1	1	1	1	1	1	1
TC-15	Seaview Crescent Block 5	49	1	1	1	1	1	1	1	1	1	1
TC-16	Ling Liang Church E Wun Secondary School	7	1	1	1	1	1	1	1	1	1	1
TC-17	Ling Liang Church Sau Tak Primary School	7	1	1	1	1	1	1	1	1	1	1
TC-18	Tung Chung Public Library	4	1	1	1	1	1	1	1	1	1	1
TC-19	Tung Chung North Park	1	1	1	1	1	1	1	1	1	1	1
TC-20	Novotel Citygate Hong Kong	30	1	1	1	1	1	1	1	1	1	1
TC-21	One Citygate	5	1	1	1	1	1	1	1	1	1	1
TC-22	One Citygate Bridge	10	1	1	1	1	1	1	1	1	1	1
TC-23	Fu Tung Shopping Centre	4	1	1	1	1	1	1	1	1	1	1
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	1	1	1	1	1	1	1	1	1	1
TC-25	Ching Chung Hau Po Woon Primary School	7	1	1	1	1	1	1	1	1	1	1
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	1	1	1	1	1	1	1	1	1	1
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	1	1	1	1	1	1	1	1	1	1
TC-28	Wong Cho Bau Secondary School	7	1	1	1	1	1	1	1	1	1	1
TC-29	Yu Tung Court - Hei Tung House	33	1	1	1	1	1	1	1	1	1	1
TC-30	Yu Tung Court - Hor Tung House	36	1	1	1	1	1	1	1	1	1	1
TC-31	Fu Tung Estate - Tung Ma House	30	1	1	1	1	1	1	1	1	1	1
TC-32	Fu Tung Estate - Tung Shing House	30	1	1	1	1	1	1	1	1	1	1
TC-33	Tung Chung Crescent Block 1	28	1	1	1	1	1	1	1	1	1	1
TC-34	Tung Chung Crescent Block 3	30	1	1	1	1	1	1	1	1	1	1
TC-35	Tung Chung Crescent Block 5	33	1	1	1	1	1	1	1	1	1	1
TC-36	Tung Chung Crescent Block 7	39	1	1	1	1	1	1	1	1	1	1
TC-37	Tung Chung Crescent Block 9	43	1	1	1	1	1	1	1	1	1	1
TC-38	Yat Tung Estate - Shun Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-39	Yat Tung Estate - Mei Yat House	36	1	1	1	1	1	1	1	1	1	1
TC-40	Yat Tung Estate - Hong Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-41	Yat Tung Estate - Ping Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-42	Yat Tung Estate - Fuk Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-43	Yat Tung Estate - Ying Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-44	Yat Tung Estate - Sui Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-45	Village house at Ma Wan Chung	35	1	1	1	1	1	1	1	1	1	1
TC-46	Ma Wan New Village	3	1	1	1	1	1	1	1	1	1	1
TC-47	Tung Chung Our Lady Kindergarden	1	1	1	1	1	1	1	1	1	1	1
TC-48	Sheung Ling Pei	3	1	1	1	1	1	1	1	1	1	1
TC-49	Tung Chung Public School	1	1	1	1	1	1	1	1	1	1	1
TC-50	Ha Line Pei	3	1	1	1	1	1	1	1	1	1	1
TC-51	Lung Tseung Tau	3	1	1	1	1	1	1	1	1	1	1
TC-52	YMCA of Hong Kong Christian College	8	1	1	1	1	1	1	1	1	1	1
TC-53	Hau Wong Temple	1	1	1	1	1	1	1	1	1	1	1
TC-54	Sha Tsui Tau	3	1	1	1	1	1	1	1	1	1	1
TC-55	Nean Au	3	1	1	1	1	1	1	1	1	1	1
TC-56	Shek Lau Po	3	1	1	1	1	1	1	1	1	1	1
TC-57	Mo Ka	3	1	1	1	1	1	1	1	1	1	1
TC-58	Shek Mun Kap	3	1	1	1	1	1	1	1	1	1	1
TC-59	Shek Mun Kap Lo Hon Monastery	3	1	1	1	1	1	1	1	1	1	1
TC-P1	Planned North Lantau Hospital	N/A	1	1	1	1	1	1	1	1	1	1
TC-P2	Planned Park near One Citygate	1	1	1	1	1	1	1	1	1	1	1
TC-P5	Tung Chung West Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P6	Tung Chung West Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P7	Tung Chung West Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P8	Tung Chung East Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P9	Tung Chung East Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P10	Tung Chung East Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P11	Tung Chung East Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	1	1	1	1	1	1	1	1	1	1
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	1	1	1	1	1	1	1	1	1	1
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	1	1	1	1	1	1	1	1	1	1
TC-P17	Tung Chung Area 39	N/A	1	1	1	1	1	1	1	1	1	1

Result Summary (Cumulative 24-hour RSP - Number of Exceedance against the AQO) - Two-runway System

ASR ID	Location	No. of Storey	Number of Exceedance (24-hour RSP) at various height									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	1	1	1							
ST-2	Village house at Kau Liu	3	1	1	1							
ST-3	Village house at San Tau	3	1	1	1							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	1	1	1							
SLW-2	Sha Lo Wan House No.5	3	1	1	1							
SLW-3	Sha Lo Wan House No.9	3	1	1	1							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	1	1	1							
San Shek Wan												
SSW-1	San Shek Wan	3	1	1	1							
Sham Wat												
SW-1	Sham Wat House No. 39	3	1	1	1							
SW-2	Sham Wat House No. 30	3	1	1	1							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	1	1	1							
SHW-2	Village house at Ngau Kwu Long	3	1	1	1							
SHW-3	Village house at Tai Ho San Tsuen	3	1	1	1							
SHW-4	Siu Ho Wan MTRC Depot	3	1	1	1							
SHW-5	Tin Liu Village	3	1	1	1							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	1	1	1	1	1	1	1	1	1	1
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	1	1	1	1	1	1	1	1	1	1
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	1	1	1	1	1	1	1	1	1	1
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	1	1	1	1	1	1	1	1	1	1
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	1	1								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	1	1								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	1	1								
TM-10	Pillar Point Fire Station	3	1	1	1							
TM-11	Butterfly Beach Laundry	5	1	1	1	1						
TM-12	River Trade Terminal	2	1	1	1							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	1	1	1	1	1	1	1	1	1	1
TM-14	EcoPark Administration Building	1	1	1								
TM-15	Castle Peak Power Plant Administration Building	1	1	1								
TM-16	Customs and Excise Department Harbour River Trade Division	6	1	1	1	1	1					
TM-17	Saw Mil Number 61-69	1	2	2								
TM-18	Saw Mil Number 35-49	1	2	2								
TM-19	Ho Yeung Street Number 22	1	1	1								

Note:

[1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative Annual RSP) - Two-runway System

ASR ID	Location	No. of Storey	Max. Annual RSP Concentration at various height (ug/m ³)										
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG	
Hong Kong Boundary Crossing Facilities													
BCF-1	Planned Passenger Building	N/A			40	40	40	40	39	39	39	39	
Tung Chung													
TC-1	Caribbean Coast Block 1	47	39	39	39	39	39	38	38	38	38	38	
TC-2	Caribbean Coast Block 6	51	39	39	39	39	39	38	38	38	38	38	
TC-3	Caribbean Coast Block 11	52	39	39	39	39	39	38	38	38	38	38	
TC-4	Caribbean Coast Block 16	51	39	39	39	39	39	38	38	38	38	38	
TC-5	Ho Yu College	7	39	39	39	39	39						
TC-6	Ho Yu Primary School	7	39	39	39	39	39						
TC-7	Coastal Skyline Block 1	50	39	39	39	39	39	38	38	38	38	38	
TC-8	Coastal Skyline Block 5	50	39	39	39	39	39	39	39	39	39	39	
TC-9	La Rossa Block B	56	39	39	39	39	39	39	39	39	39	39	
TC-10	Le Bleu Deux Block 1	15	39	39	39	39	39	39	39	39			
TC-11	Le Bleu Deux Block 3	15	39	39	39	39	39	39	39	39			
TC-12	Le Bleu Deux Block 7	15	39	39	39	39	39	39	39	39			
TC-13	Seaview Crescent Block 1	50	39	39	39	39	39	39	39	39	39	39	
TC-14	Seaview Crescent Block 3	49	39	39	39	39	39	39	39	39	39	39	
TC-15	Seaview Crescent Block 5	49	39	39	39	39	39	39	39	39	39	39	
TC-16	Ling Liang Church E Wun Secondary School	7	39	39	39	39	39						
TC-17	Ling Liang Church Sau Tak Primary School	7	39	39	39	39	39						
TC-18	Tung Chung Public Library	4	39	39	39	39							
TC-19	Tung Chung North Park	1	39	39									
TC-20	Novotel Citygate Hong Kong	30	39	39	39	39	39	39	39	39	39	39	
TC-21	One Citygate	5	39	39	39	39							
TC-22	One Citygate Bridge	10	39	39	39	39	39						
TC-23	Fu Tung Shopping Centre	4	39	39	39	39							
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	39	39	39								
TC-25	Ching Chung Hau Po Woon Primary School	7	39	39	39	39	39						
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	39	39	39	39	39						
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	39	39	39	39	39						
TC-28	Wong Cho Bau Secondary School	7	39	39	39	39	39						
TC-29	Yu Tung Court - Hei Tung House	33	39	39	39	39	39	38	38	38	38	38	
TC-30	Yu Tung Court - Hor Tung House	36	39	39	39	39	39	38	38	38	38	38	
TC-31	Fu Tung Estate - Tung Ma House	30	39	39	39	39	39	38	38	38	38	38	
TC-32	Fu Tung Estate - Tung Shing House	30	39	39	39	39	39	38	38	38	38	38	
TC-33	Tung Chung Crescent Block 1	28	39	39	39	39	39	38	38	38	38	38	
TC-34	Tung Chung Crescent Block 3	30	39	39	39	39	39	38	38	38	38	38	
TC-35	Tung Chung Crescent Block 5	33	39	39	39	39	39	39	38	38	38	38	
TC-36	Tung Chung Crescent Block 7	39	39	39	39	39	39	39	38	38	38	38	
TC-37	Tung Chung Crescent Block 9	43	39	39	39	39	39	38	38	38	38	38	
TC-38	Yat Tung Estate - Shun Yat House	35	39	39	39	39	38	38	38	38	38	38	
TC-39	Yat Tung Estate - Mei Yat House	36	39	39	39	39	38	38	38	38	38	38	
TC-40	Yat Tung Estate - Hone Yat House	35	39	39	39	38	38	38	38	38	38	38	
TC-41	Yat Tung Estate - Ping Yat House	35	39	39	39	38	38	38	38	38	38	38	
TC-42	Yat Tung Estate - Fuk Yat House	35	39	39	39	38	38	38	38	38	38	38	
TC-43	Yat Tung Estate - Ying Yat House	35	39	39	39	38	38	38	38	38	38	38	
TC-44	Yat Tung Estate - Sui Yat House	35	39	39	39	39	38	38	38	38	38	38	
TC-45	Village house at Ma Wan Chung	35	39	39	39	39	39	38	38	38	38	38	
TC-46	Ma Wan New Village	3	38	38	38								
TC-47	Tung Chung Our Lady Kindergarden	1	39	38									
TC-48	Sheung Ling Pei	3	38	38	38								
TC-49	Tung Chung Public School	1	38	38									
TC-50	Ha Line Pei	3	39	39	38								
TC-51	Lung Tseung Tau	3	38	38	38								
TC-52	YMCA of Hong Kong Christian College	8	38	38	38	38	38						
TC-53	Hau Wong Temple	1	38	38									
TC-54	Sha Tsui Tau	3	39	39	39								
TC-55	Nean Au	3	38	38	38								
TC-56	Shek Lau Po	3	38	38	38								
TC-57	Mo Ka	3	38	38	38								
TC-58	Shek Mun Kap	3	38	38	38								
TC-59	Shek Mun Kap Lo Hon Monastery	3	38	38	38								
TC-P1	Planned North Lantau Hospital	N/A	39	39	39	39	38	38	38	38	38	38	
TC-P2	Planned Park near One Citygate	1	39	39									
TC-P5	Tung Chung West Development	N/A	39	39	38	38	38	38	38	38	38	38	
TC-P6	Tung Chung West Development	N/A	39	39	39	39	39	39	39	38	38	38	
TC-P7	Tung Chung West Development	N/A	39	39	39	39	39	39	39	39	39	39	
TC-P8	Tung Chung East Development	N/A	39	39	39	39	39	39	38	38	38	38	
TC-P9	Tung Chung East Development	N/A	39	39	39	39	39	39	38	38	38	38	
TC-P10	Tung Chung East Development	N/A	39	39	39	39	39	39	39	39	39	39	
TC-P11	Tung Chung East Development	N/A	39	39	39	39	39	39	39	39	39	39	
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	39	39	39	39	39	39	39	39	39	39	
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	39	39	39	39	39	39	38	38	38	38	
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	39	39	39	39	39	39	38	38	38	38	
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	39	39	39	39	39	39	38	38	38	38	
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	39	39	39	39	39	39	38	38	38	38	
TC-P17	Tung Chung Area 39	N/A	39	39	38	38	38	38	38	38	38	38	

Result Summary (Cumulative Annual RSP) - Two-runway System

ASR ID	Location	No. of Storey	Max. Annual RSP Concentration at various height (ug/m ³)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	39	39	39							
ST-2	Village house at Kau Liu	3	39	39	39							
ST-3	Village house at San Tau	3	39	39	39							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	40	40	40							
SLW-2	Sha Lo Wan House No.5	3	40	40	39							
SLW-3	Sha Lo Wan House No.9	3	39	39	39							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	39	39	39							
San Shek Wan												
SSW-1	San Shek Wan	3	39	39	39							
Sham Wat												
SW-1	Sham Wat House No. 39	3	38	38	38							
SW-2	Sham Wat House No. 30	3	39	39	39							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	39	39	39							
SHW-2	Village house at Ngau Kwu Long	3	38	38	38							
SHW-3	Village house at Tai Ho San Tsuen	3	38	38	38							
SHW-4	Siu Ho Wan MTRC Depot	3	39	39	39							
SHW-5	Tin Liu Village	3	38	38	38							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	39	39	39	39	39	39	39	39	39	39
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	39	39	39	39	39	39	39	39	39	39
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	39	39	39	39	39	39	39	39	39	39
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	39	39	39	39	39	39	39	39	39	39
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	41	41								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	40	40								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	40	40								
TM-10	Pillar Point Fire Station	3	41	41	41							
TM-11	Butterfly Beach Laundry	5	41	41	41	41						
TM-12	River Trade Terminal	2	40	40	40							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	41	41	41	41	41	41	41	41	40	40
TM-14	EcoPark Administration Building	1	41	41								
TM-15	Castle Peak Power Plant Administration Building	1	44	44								
TM-16	Customs and Excise Department Harbour River Trade Division	6	40	40	40	40						
TM-17	Saw Mil Number 61-69	1	42	42								
TM-18	Saw Mil Number 35-49	1	42	42								
TM-19	Ho Yeung Street Number 22	1	41	41								

Note:

[1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative 24-hour FSP) - Two-runway System

ASR ID	Location	No. of Storey	Max. 24-hour FSP Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
Airport Island												
Hong Kong Boundary Crossing Facilities												
BCF-1	Planned Passenger Building	N/A			91 [1]	91	91	91	91	91	90	90
Tung Chung												
TC-1	Caribbean Coast Block 1	47	87	87	87	87	87	86	86	86	86	86
TC-2	Caribbean Coast Block 6	51	87	87	87	87	87	86	86	86	86	86
TC-3	Caribbean Coast Block 11	52	87	87	87	87	87	86	86	86	86	86
TC-4	Caribbean Coast Block 16	51	87	87	87	87	87	86	86	86	86	86
TC-5	Ho Yu College	7	87	87	87	87	87					
TC-6	Ho Yu Primary School	7	87	87	87	87	87					
TC-7	Coastal Skyline Block 1	50	87	87	87	87	87	86	86	86	86	86
TC-8	Coastal Skyline Block 5	50	87	87	87	87	87	87	87	86	86	86
TC-9	La Rossa Block B	56	87	87	87	87	87	87	87	86	86	86
TC-10	Le Bleu Deux Block 1	15	87	87	87	87	87	87	87	86		
TC-11	Le Bleu Deux Block 3	15	87	87	87	87	87	87	87	86		
TC-12	Le Bleu Deux Block 7	15	87	87	87	87	87	87	87	86		
TC-13	Seaview Crescent Block 1	50	87	87	87	87	87	87	87	86	86	86
TC-14	Seaview Crescent Block 3	49	87	87	87	87	87	87	87	86	86	86
TC-15	Seaview Crescent Block 5	49	87	87	87	87	87	87	87	86	86	86
TC-16	Ling Liang Church E Wun Secondary School	7	87	87	87	87	87					
TC-17	Ling Liang Church Sau Tak Primary School	7	87	87	87	87	87					
TC-18	Tung Chung Public Library	4	87	87	87	87						
TC-19	Tung Chung North Park	1	87	87								
TC-20	Novotel Citygate Hong Kong	30	87	87	87	87	87	87	86	86	86	86
TC-21	One Citygate	5	87	87	87	87						
TC-22	One Citygate Bridge	10	87	87	87	87	87	87				
TC-23	Fu Tung Shopping Centre	4	85	85	85	85						
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	85	85	85							
TC-25	Ching Chung Hau Po Woon Primary School	7	85	85	85	85	84					
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	85	85	85	85	84					
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	84	84	84	84	84					
TC-28	Wong Cho Bau Secondary School	7	85	85	85	84	84					
TC-29	Yu Tung Court - Hei Tung House	33	84	84	84	84	84	84	84	84	84	84
TC-30	Yu Tung Court - Hor Tung House	36	84	84	84	84	84	84	84	84	84	84
TC-31	Fu Tung Estate - Tung Ma House	30	85	85	85	84	84	84	84	84	84	84
TC-32	Fu Tung Estate - Tung Shina House	30	84	84	84	84	84	84	84	84	84	84
TC-33	Tung Chung Crescent Block 1	28	84	84	84	84	84	84	84	84	84	84
TC-34	Tung Chung Crescent Block 3	30	84	84	84	84	84	84	84	84	84	84
TC-35	Tung Chung Crescent Block 5	33	85	85	85	84	84	84	84	84	84	84
TC-36	Tung Chung Crescent Block 7	39	85	85	85	84	84	84	84	84	84	84
TC-37	Tung Chung Crescent Block 9	43	85	85	84	84	84	84	84	84	84	84
TC-38	Yat Tung Estate - Shun Yat House	35	84	84	84	84	84	84	84	84	84	84
TC-39	Yat Tung Estate - Mei Yat House	36	84	84	84	84	84	84	84	84	84	84
TC-40	Yat Tung Estate - Hone Yat House	35	84	84	84	84	84	84	84	84	84	84
TC-41	Yat Tung Estate - Ping Yat House	35	84	84	84	84	84	84	84	84	84	84
TC-42	Yat Tung Estate - Fuk Yat House	35	84	84	84	84	84	84	84	84	84	84
TC-43	Yat Tung Estate - Ying Yat House	35	84	84	84	84	84	84	84	84	84	84
TC-44	Yat Tung Estate - Sui Yat House	35	84	84	84	84	84	84	84	84	84	84
TC-45	Village house at Ma Wan Chung	35	84	84	84	84	84	84	84	84	84	84
TC-46	Ma Wan New Village	3	84	84	84							
TC-47	Tung Chung Our Lady Kindergarten	1	84	84								
TC-48	Sheung Line Pei	3	84	84	84							
TC-49	Tung Chung Public School	1	84	84								
TC-50	Ha Ling Pei	3	84	84	84							
TC-51	Lung Tseung Tau	3	83	83	83							
TC-52	YMCA of Hong Kong Christian College	8	83	83	83	83	83					
TC-53	Hau Wong Temple	1	84	84								
TC-54	Sha Tsui Tau	3	84	84	84							
TC-55	Ngan Au	3	83	83	83							
TC-56	Shek Lau Po	3	83	83	83							
TC-57	Mo Ka	3	83	83	83							
TC-58	Shek Mun Kap	3	83	83	83							
TC-59	Shek Mun Kap Lo Hon Monastery	3	83	83	83							
TC-P1	Planned North Lantau Hospital	N/A	84	84	84	84	84	84	84	84	84	84
TC-P2	Planned Park near One Citygate	1	87	87								
TC-P5	Tung Chung West Development	N/A	84	84	84	84	84	84	84	84	84	84
TC-P6	Tung Chung West Development	N/A	84	84	84	84	84	84	84	84	84	84
TC-P7	Tung Chung West Development	N/A	87	87	87	87	87	87	86	86	86	86
TC-P8	Tung Chung East Development	N/A	87	87	87	87	87	86	86	86	86	86
TC-P9	Tung Chung East Development	N/A	87	87	87	87	86	86	86	86	86	86
TC-P10	Tung Chung East Development	N/A	89	89	89	89	89	89	89	89	89	89
TC-P11	Tung Chung East Development	N/A	89	89	89	89	89	89	89	89	89	89
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	87	87	87	87	87	87	87	87	86	86
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	87	87	87	87	87	86	86	86	86	86
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	87	87	87	87	87	86	86	86	86	86
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	87	87	87	87	87	86	86	86	86	86
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	87	87	87	87	87	86	86	86	86	86
TC-P17	Tung Chung Area 39	N/A	84	84	84	84	84	84	84	84	84	84

Result Summary (Cumulative 24-hour FSP) - Two-runway System

ASR ID	Location	No. of Storey	Max. 24-hour FSP Concentration at various height (ug/m ³)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	84	84	84							
ST-2	Village house at Kau Liu	3	84	84	84							
ST-3	Village house at San Tau	3	84	84	84							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	88	88	88							
SLW-2	Sha Lo Wan House No.5	3	87	87	87							
SLW-3	Sha Lo Wan House No.9	3	86	86	86							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	86	86	86							
San Shek Wan												
SSW-1	San Shek Wan	3	86	86	86							
Sham Wat												
SW-1	Sham Wat House No. 39	3	85	85	85							
SW-2	Sham Wat House No. 30	3	88	88	88							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	87	87	87							
SHW-2	Village house at Ngau Kwu Long	3	85	85	85							
SHW-3	Village house at Tai Ho San Tsuen	3	83	83	83							
SHW-4	Siu Ho Wan MTRC Depot	3	88	88	88							
SHW-5	Tin Liu Village	3	85	85	85							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	88	88	88	88	88	88	88	88	88	88
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	88	88	88	88	88	88	88	88	88	88
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	88	88	88	88	88	88	88	88	88	88
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	88	88	88	88	88	88	88	88	88	88
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	89	89								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	90	90								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	90	90								
TM-10	Pillar Point Fire Station	3	90	90	90							
TM-11	Butterfly Beach Laundry	5	89	89	89	89						
TM-12	River Trade Terminal	2	90	90	90							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	92	91	91	92	92	91	90	90	90	90
TM-14	EcoPark Administration Building	1	96	96								
TM-15	Castle Peak Power Plant Administration Building	1	91	91								
TM-16	Customs and Excise Department Harbour River Trade Division	6	90	90	90	89						
TM-17	Saw Mill Number 61-69	1	89	89								
TM-18	Saw Mill Number 35-49	1	89	89								
TM-19	Ho Yeung Street Number 22	1	89	89								

Note:

- [1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative 24-hour FSP - Number of Exceedance against the AQO) - Two-runway System

ASR ID	Location	No. of Storey	Number of Exceedance (24-hour FSP) at various height									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
Airport Island												
Hong Kong Boundary Crossing Facilities												
BCF-1	Planned Passenger Building	N/A			1 [1]	1	1	1	1	1	1	1
Tung Chung												
TC-1	Caribbean Coast Block 1	47	1	1	1	1	1	1	1	1	1	1
TC-2	Caribbean Coast Block 6	51	1	1	1	1	1	1	1	1	1	1
TC-3	Caribbean Coast Block 11	52	1	1	1	1	1	1	1	1	1	1
TC-4	Caribbean Coast Block 16	51	1	1	1	1	1	1	1	1	1	1
TC-5	Ho Yu College	7	1	1	1	1	1	1	1	1	1	1
TC-6	Ho Yu Primary School	7	1	1	1	1	1	1	1	1	1	1
TC-7	Coastal Skyline Block 1	50	1	1	1	1	1	1	1	1	1	1
TC-8	Coastal Skyline Block 5	50	1	1	1	1	1	1	1	1	1	1
TC-9	La Rossa Block B	56	1	1	1	1	1	1	1	1	1	1
TC-10	Le Bleu Deux Block 1	15	1	1	1	1	1	1	1	1	1	1
TC-11	Le Bleu Deux Block 3	15	1	1	1	1	1	1	1	1	1	1
TC-12	Le Bleu Deux Block 7	15	1	1	1	1	1	1	1	1	1	1
TC-13	Seaview Crescent Block 1	50	1	1	1	1	1	1	1	1	1	1
TC-14	Seaview Crescent Block 3	49	1	1	1	1	1	1	1	1	1	1
TC-15	Seaview Crescent Block 5	49	1	1	1	1	1	1	1	1	1	1
TC-16	Ling Liang Church E Wun Secondary School	7	1	1	1	1	1	1	1	1	1	1
TC-17	Ling Liang Church Sau Tak Primary School	7	1	1	1	1	1	1	1	1	1	1
TC-18	Tung Chung Public Library	4	1	1	1	1	1	1	1	1	1	1
TC-19	Tung Chung North Park	1	1	1	1	1	1	1	1	1	1	1
TC-20	Novotel Citygate Hong Kong	30	1	1	1	1	1	1	1	1	1	1
TC-21	One Citygate	5	1	1	1	1	1	1	1	1	1	1
TC-22	One Citygate Bridge	10	1	1	1	1	1	1	1	1	1	1
TC-23	Fu Tung Shopping Centre	4	1	1	1	1	1	1	1	1	1	1
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	1	1	1	1	1	1	1	1	1	1
TC-25	Ching Chung Hau Po Woon Primary School	7	1	1	1	1	1	1	1	1	1	1
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	1	1	1	1	1	1	1	1	1	1
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	1	1	1	1	1	1	1	1	1	1
TC-28	Wong Cho Bau Secondary School	7	1	1	1	1	1	1	1	1	1	1
TC-29	Yu Tung Court - Hei Tung House	33	1	1	1	1	1	1	1	1	1	1
TC-30	Yu Tung Court - Hor Tung House	36	1	1	1	1	1	1	1	1	1	1
TC-31	Fu Tung Estate - Tung Ma House	30	1	1	1	1	1	1	1	1	1	1
TC-32	Fu Tung Estate - Tung Shina House	30	1	1	1	1	1	1	1	1	1	1
TC-33	Tung Chung Crescent Block 1	28	1	1	1	1	1	1	1	1	1	1
TC-34	Tung Chung Crescent Block 3	30	1	1	1	1	1	1	1	1	1	1
TC-35	Tung Chung Crescent Block 5	33	1	1	1	1	1	1	1	1	1	1
TC-36	Tung Chung Crescent Block 7	39	1	1	1	1	1	1	1	1	1	1
TC-37	Tung Chung Crescent Block 9	43	1	1	1	1	1	1	1	1	1	1
TC-38	Yat Tung Estate - Shun Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-39	Yat Tung Estate - Mei Yat House	36	1	1	1	1	1	1	1	1	1	1
TC-40	Yat Tung Estate - Hong Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-41	Yat Tung Estate - Ping Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-42	Yat Tung Estate - Fuk Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-43	Yat Tung Estate - Ying Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-44	Yat Tung Estate - Sui Yat House	35	1	1	1	1	1	1	1	1	1	1
TC-45	Village house at Ma Wan Chung	35	1	1	1	1	1	1	1	1	1	1
TC-46	Ma Wan New Village	3	1	1	1	1	1	1	1	1	1	1
TC-47	Tung Chung Our Lady Kindergarden	1	1	1	1	1	1	1	1	1	1	1
TC-48	Sheung Ling Pei	3	1	1	1	1	1	1	1	1	1	1
TC-49	Tung Chung Public School	1	1	1	1	1	1	1	1	1	1	1
TC-50	Ha Ling Pei	3	1	1	1	1	1	1	1	1	1	1
TC-51	Lung Tseung Tau	3	1	1	1	1	1	1	1	1	1	1
TC-52	YMCA of Hong Kong Christian College	8	1	1	1	1	1	1	1	1	1	1
TC-53	Hau Wong Temple	1	1	1	1	1	1	1	1	1	1	1
TC-54	Sha Tsui Tau	3	1	1	1	1	1	1	1	1	1	1
TC-55	Ngan Au	3	1	1	1	1	1	1	1	1	1	1
TC-56	Shek Lau Po	3	1	1	1	1	1	1	1	1	1	1
TC-57	Mo Ka	3	1	1	1	1	1	1	1	1	1	1
TC-58	Shek Mun Kap	3	1	1	1	1	1	1	1	1	1	1
TC-59	Shek Mun Kap Lo Hon Monastery	3	1	1	1	1	1	1	1	1	1	1
TC-P1	Planned North Lantau Hospital	N/A	1	1	1	1	1	1	1	1	1	1
TC-P2	Planned Park near One Citygate	1	1	1	1	1	1	1	1	1	1	1
TC-P5	Tung Chung West Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P6	Tung Chung West Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P7	Tung Chung West Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P8	Tung Chung East Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P9	Tung Chung East Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P10	Tung Chung East Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P11	Tung Chung East Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	1	1	1	1	1	1	1	1	1	1
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	1	1	1	1	1	1	1	1	1	1
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	1	1	1	1	1	1	1	1	1	1
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	1	1	1	1	1	1	1	1	1	1
TC-P17	Tung Chung Area 39	N/A	1	1	1	1	1	1	1	1	1	1

Result Summary (Cumulative 24-hour FSP - Number of Exceedance against the AQO) - Two-runway System

ASR ID	Location	No. of Storey	Number of Exceedance (24-hour FSP) at various height									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	1	1	1							
ST-2	Village house at Kau Liu	3	1	1	1							
ST-3	Village house at San Tau	3	1	1	1							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	1	1	1							
SLW-2	Sha Lo Wan House No.5	3	1	1	1							
SLW-3	Sha Lo Wan House No.9	3	1	1	1							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	1	1	1							
San Shek Wan												
SSW-1	San Shek Wan	3	1	1	1							
Sham Wat												
SW-1	Sham Wat House No. 39	3	1	1	1							
SW-2	Sham Wat House No. 30	3	1	1	1							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	1	1	1							
SHW-2	Village house at Ngau Kwu Long	3	1	1	1							
SHW-3	Village house at Tai Ho San Tsuen	3	1	1	1							
SHW-4	Siu Ho Wan MTRC Depot	3	1	1	1							
SHW-5	Tin Liu Village	3	1	1	1							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	1	1	1	1	1	1	1	1	1	1
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	1	1	1	1	1	1	1	1	1	1
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	1	1	1	1	1	1	1	1	1	1
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	1	1	1	1	1	1	1	1	1	1
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	1	1								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	1	1								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	1	1								
TM-10	Pillar Point Fire Station	3	1	1	1							
TM-11	Butterfly Beach Laundry	5	1	1	1	1						
TM-12	River Trade Terminal	2	1	1	1							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	1	1	1	1	1	1	1	1	1	1
TM-14	EcoPark Administration Building	1	1	1								
TM-15	Castle Peak Power Plant Administration Building	1	1	1								
TM-16	Customs and Excise Department Harbour River Trade Division	6	1	1	1	1	1					
TM-17	Saw Mil Number 61-69	1	2	2								
TM-18	Saw Mil Number 35-49	1	2	2								
TM-19	Ho Yeung Street Number 22	1	1	1								

Note:

[1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative Annual FSP) - Two-runway System

ASR ID	Location	No. of Storey	Max. Annual FSP Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
Airport Island												
Hong Kong Boundary Crossing Facilities												
BCF-1	Planned Passenger Building	N/A			29 [1]	28	28	28	28	28	28	28
Tung Chung												
TC-1	Caribbean Coast Block 1	47	28	28	28	27	27	27	27	27	27	27
TC-2	Caribbean Coast Block 6	51	28	28	28	27	27	27	27	27	27	27
TC-3	Caribbean Coast Block 11	52	28	28	27	27	27	27	27	27	27	27
TC-4	Caribbean Coast Block 16	51	28	28	27	27	27	27	27	27	27	27
TC-5	Ho Yu College	7	27	27	27	27	27					
TC-6	Ho Yu Primary School	7	27	27	27	27	27					
TC-7	Coastal Skyline Block 1	50	28	28	27	27	27	27	27	27	27	27
TC-8	Coastal Skyline Block 5	50	28	28	28	28	28	27	27	27	27	27
TC-9	La Rossa Block B	56	28	28	28	28	28	28	27	27	27	27
TC-10	Le Bleu Deux Block 1	15	28	28	28	28	28	28	27	27		
TC-11	Le Bleu Deux Block 3	15	28	28	28	28	28	28	27	27		
TC-12	Le Bleu Deux Block 7	15	28	28	28	28	28	28	27	27		
TC-13	Seaview Crescent Block 1	50	28	28	28	28	28	28	27	27	27	27
TC-14	Seaview Crescent Block 3	49	28	28	28	28	28	28	27	27	27	27
TC-15	Seaview Crescent Block 5	49	28	28	28	28	28	28	27	27	27	27
TC-16	Ling Liang Church E Wun Secondary School	7	28	28	28	28	28					
TC-17	Ling Liang Church Sau Tak Primary School	7	28	28	28	28	28					
TC-18	Tung Chung Public Library	4	28	28	28	28						
TC-19	Tung Chung North Park	1	28	28								
TC-20	Novotel Citygate Hong Kong	30	28	28	28	28	28	27	27	27	27	27
TC-21	One Citygate	5	28	28	28	28						
TC-22	One Citygate Bridge	10	28	28	28	28	28	28				
TC-23	Fu Tung Shopping Centre	4	28	28	28	27						
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	28	28	27							
TC-25	Ching Chung Hau Po Woon Primary School	7	28	28	27	27	27					
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	27	27	27	27	27					
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	27	27	27	27	27					
TC-28	Wong Cho Bau Secondary School	7	28	28	27	27	27					
TC-29	Yu Tung Court - Hei Tung House	33	27	27	27	27	27	27	27	27	27	27
TC-30	Yu Tung Court - Hor Tung House	36	27	27	27	27	27	27	27	27	27	27
TC-31	Fu Tung Estate - Tung Ma House	30	27	27	27	27	27	27	27	27	27	27
TC-32	Fu Tung Estate - Tung Shina House	30	27	27	27	27	27	27	27	27	27	27
TC-33	Tung Chung Crescent Block 1	28	28	28	27	27	27	27	27	27	27	27
TC-34	Tung Chung Crescent Block 3	30	27	27	27	27	27	27	27	27	27	27
TC-35	Tung Chung Crescent Block 5	33	27	27	27	27	27	27	27	27	27	27
TC-36	Tung Chung Crescent Block 7	39	28	27	27	27	27	27	27	27	27	27
TC-37	Tung Chung Crescent Block 9	43	28	28	27	27	27	27	27	27	27	27
TC-38	Yat Tung Estate - Shun Yat House	35	27	27	27	27	27	27	27	27	27	27
TC-39	Yat Tung Estate - Mei Yat House	36	27	27	27	27	27	27	27	27	27	27
TC-40	Yat Tung Estate - Hong Yat House	35	27	27	27	27	27	27	27	27	27	27
TC-41	Yat Tung Estate - Ping Yat House	35	27	27	27	27	27	27	27	27	27	27
TC-42	Yat Tung Estate - Fuk Yat House	35	27	27	27	27	27	27	27	27	27	27
TC-43	Yat Tung Estate - Ying Yat House	35	27	27	27	27	27	27	27	27	27	27
TC-44	Yat Tung Estate - Sui Yat House	35	27	27	27	27	27	27	27	27	27	27
TC-45	Village house at Ma Wan Chung	35	27	27	27	27	27	27	27	27	27	27
TC-46	Ma Wan New Village	3	27	27	27							
TC-47	Tung Chung Our Lady Kindergarden	1	27	27								
TC-48	Sheung Ling Pei	3	27	27	27							
TC-49	Tung Chung Public School	1	27	27								
TC-50	Ha Ling Pei	3	27	27	27							
TC-51	Lung Tseung Tau	3	27	27	27							
TC-52	YMCA of Hong Kong Christian College	8	27	27	27	27	27					
TC-53	Hau Wong Temple	1	27	27								
TC-54	Sha Tsui Tau	3	27	27	27							
TC-55	Ngan Au	3	27	27	27							
TC-56	Shek Lau Po	3	27	27	27							
TC-57	Mo Ka	3	27	27	27							
TC-58	Shek Mun Kap	3	27	27	27							
TC-59	Shek Mun Kap Lo Hon Monastery	3	27	27	27							
TC-P1	Planned North Lantau Hospital	N/A	27	27	27	27	27	27	27	27	27	27
TC-P2	Planned Park near One Citygate	1	28	28								
TC-P5	Tung Chung West Development	N/A	27	27	27	27	27	27	27	27	27	27
TC-P6	Tung Chung West Development	N/A	28	28	27	27	27	27	27	27	27	27
TC-P7	Tung Chung West Development	N/A	28	28	28	28	28	28	27	27	27	27
TC-P8	Tung Chung East Development	N/A	27	27	27	27	27	27	27	27	27	27
TC-P9	Tung Chung East Development	N/A	27	27	27	27	27	27	27	27	27	27
TC-P10	Tung Chung East Development	N/A	28	28	28	28	28	28	28	28	28	28
TC-P11	Tung Chung East Development	N/A	28	28	28	28	28	28	28	28	28	28
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	28	28	28	28	28	28	27	27	27	27
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	27	27	27	27	27	27	27	27	27	27
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	27	27	27	27	27	27	27	27	27	27
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	28	28	27	27	27	27	27	27	27	27
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	28	28	27	27	27	27	27	27	27	27
TC-P17	Tung Chung Area 39	N/A	27	27	27	27	27	27	27	27	27	27

Result Summary (Cumulative Annual FSP) - Two-runway System

ASR ID	Location	No. of Storey	Max. Annual FSP Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	27	27	27							
ST-2	Village house at Kau Liu	3	27	27	27							
ST-3	Village house at San Tau	3	27	27	27							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	28	28	28							
SLW-2	Sha Lo Wan House No.5	3	28	28	28							
SLW-3	Sha Lo Wan House No.9	3	28	28	28							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	28	28	28							
San Shek Wan												
SSW-1	San Shek Wan	3	27	27	27							
Sham Wat												
SW-1	Sham Wat House No. 39	3	27	27	27							
SW-2	Sham Wat House No. 30	3	28	28	28							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	27	27	27							
SHW-2	Village house at Ngau Kwu Long	3	27	27	27							
SHW-3	Village house at Tai Ho San Tsuen	3	27	27	27							
SHW-4	Siu Ho Wan MTRC Depot	3	28	28	28							
SHW-5	Tin Liu Village	3	27	27	27							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	28	28	28	28	28	28	28	28	28	28
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	28	28	28	28	28	28	28	28	28	28
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	28	28	28	28	28	28	28	28	28	28
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	28	28	28	28	28	28	28	28	28	28
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	29	29								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	29	29								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	29	29								
TM-10	Pillar Point Fire Station	3	29	29	29							
TM-11	Butterfly Beach Laundry	5	29	29	29	29						
TM-12	River Trade Terminal	2	29	29	29							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	29	29	29	29	29	30	29	29	29	29
TM-14	EcoPark Administration Building	1	29	29								
TM-15	Castle Peak Power Plant Administration Building	1	31	31								
TM-16	Customs and Excise Department Harbour River Trade Division	6	29	29	29	29						
TM-17	Saw Mil Number 61-69	1	30	30								
TM-18	Saw Mil Number 35-49	1	30	30								
TM-19	Ho Yeung Street Number 22	1	29	29								

Note:

[1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative 10-minute SO2) - Two-runway System

ASR ID	Location	No. of Storey	Max. 10-minute SO2 Concentration at various height (ug/m3)										
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG	
Hong Kong Boundary Crossing Facilities													
BCF-1	Planned Passenger Building	N/A			152	111	148	142	134	129	128	128	128
Tung Chung													
TC-1	Caribbean Coast Block 1	47	132	132	132	132	132	132	132	132	132	132	132
TC-2	Caribbean Coast Block 6	51	132	132	132	132	132	132	132	132	132	132	132
TC-3	Caribbean Coast Block 11	52	132	132	132	132	132	132	132	132	132	132	132
TC-4	Caribbean Coast Block 16	51	132	132	132	132	132	132	132	132	132	132	132
TC-5	Ho Yu College	7	132	132	132	132	132						
TC-6	Ho Yu Primary School	7	132	132	132	132	132						
TC-7	Coastal Skyline Block 1	50	132	132	132	132	132	132	132	132	132	132	132
TC-8	Coastal Skyline Block 5	50	147	147	147	147	147	147	147	147	147	147	147
TC-9	La Rossa Block B	56	147	147	147	147	147	147	147	147	147	147	147
TC-10	Le Bleu Deux Block 1	15	148	147	147	147	147	147	147	147	147		
TC-11	Le Bleu Deux Block 3	15	147	147	147	147	147	147	147	147	147		
TC-12	Le Bleu Deux Block 7	15	147	147	147	147	147	147	147	147	147		
TC-13	Seaview Crescent Block 1	50	148	148	148	147	147	147	147	147	147	147	147
TC-14	Seaview Crescent Block 3	49	148	148	147	147	147	147	147	147	147	147	147
TC-15	Seaview Crescent Block 5	49	147	147	147	147	147	147	147	147	147	147	147
TC-16	Ling Liang Church E Wun Secondary School	7	147	147	147	147	147	147					
TC-17	Ling Liang Church Sau Tak Primary School	7	147	147	147	147	147	147					
TC-18	Tung Chung Public Library	4	148	148	148	147							
TC-19	Tung Chung North Park	1	132	132									
TC-20	Novotel Citygate Hong Kong	30	148	148	148	148	147	147	147	147	147	147	147
TC-21	One Citygate	5	148	148	148	147							
TC-22	One Citygate Bridge	10	149	148	148	148	147	147					
TC-23	Fu Tung Shopping Centre	4	135	135	135	135							
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	135	135	135								
TC-25	Ching Chung Hau Po Woon Primary School	7	135	135	135	135	135	135					
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	135	135	135	135	135	135					
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	135	135	135	135	135	135					
TC-28	Wong Cho Bau Secondary School	7	135	135	135	135	135	135					
TC-29	Yu Tung Court - Hei Tung House	33	135	135	135	135	135	135	135	135	135	135	135
TC-30	Yu Tung Court - Hor Tung House	36	135	135	135	135	135	135	135	135	135	135	135
TC-31	Fu Tung Estate - Tung Ma House	30	135	135	135	135	135	135	135	135	135	135	135
TC-32	Fu Tung Estate - Tung Shing House	30	135	135	135	135	135	135	135	135	135	135	135
TC-33	Tung Chung Crescent Block 1	28	135	135	135	135	135	135	135	135	135	135	135
TC-34	Tung Chung Crescent Block 3	30	135	135	135	135	135	135	135	135	135	135	135
TC-35	Tung Chung Crescent Block 5	33	135	135	135	135	135	135	135	135	135	135	135
TC-36	Tung Chung Crescent Block 7	39	135	135	135	135	135	135	135	135	135	135	135
TC-37	Tung Chung Crescent Block 9	43	135	135	135	135	135	135	135	135	135	135	135
TC-38	Yat Tung Estate - Shun Yat House	35	135	135	135	135	135	135	135	135	135	135	135
TC-39	Yat Tung Estate - Mei Yat House	36	135	135	135	135	135	135	135	135	135	135	135
TC-40	Yat Tung Estate - Hong Yat House	35	135	135	135	135	135	135	135	135	135	135	135
TC-41	Yat Tung Estate - Ping Yat House	35	135	135	135	135	135	135	135	135	135	135	135
TC-42	Yat Tung Estate - Fuk Yat House	35	136	136	136	136	136	136	136	136	136	136	136
TC-43	Yat Tung Estate - Yina Yat House	35	136	136	136	136	136	136	136	136	136	136	136
TC-44	Yat Tung Estate - Sui Yat House	35	136	136	136	136	136	136	136	136	136	136	136
TC-45	Village house at Ma Wan Chung	35	136	136	136	136	136	135	135	135	135	135	135
TC-46	Ma Wan New Village	3	135	135	135								
TC-47	Tung Chung Our Lady Kindergarden	1	136	136									
TC-48	Sheung Ling Pei	3	136	136	136								
TC-49	Tung Chung Public School	1	136	136									
TC-50	Ha Ling Pei	3	136	136	136								
TC-51	Lung Tseung Tau	3	133	133	133								
TC-52	YMCA of Hong Kong Christian College	8	142	142	142	142	142						
TC-53	Hau Wong Temple	1	146	146									
TC-54	Sha Tsui Tau	3	136	136	136								
TC-55	Nean Au	3	142	142	142								
TC-56	Shek Lau Po	3	142	142	142								
TC-57	Mo Ka	3	142	142	142								
TC-58	Shek Mun Kap	3	141	141	141								
TC-59	Shek Mun Kap Lo Hon Monastery	3	142	141	141								
TC-P1	Planned North Lantau Hospital	N/A	135	135	135	135	135	135	135	135	135	135	135
TC-P2	Planned Park near One Citygate	1	148	148									
TC-P5	Tung Chung West Development	N/A	146	146	146	146	146	146	146	146	146	146	146
TC-P6	Tung Chung West Development	N/A	136	136	136	136	136	136	136	136	135	135	135
TC-P7	Tung Chung West Development	N/A	147	147	147	147	147	147	147	147	147	147	147
TC-P8	Tung Chung East Development	N/A	132	132	132	132	132	132	132	132	132	132	132
TC-P9	Tung Chung East Development	N/A	131	131	131	131	131	131	131	131	131	131	131
TC-P10	Tung Chung East Development	N/A	114	114	113	109	105	102	99	99	99	99	99
TC-P11	Tung Chung East Development	N/A	119	120	120	118	115	111	106	102	99	99	99
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	147	147	147	147	147	147	147	147	147	147	147
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	133	132	132	132	132	132	132	132	132	132	132
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	132	132	132	132	132	132	132	132	132	132	132
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	132	132	132	132	132	132	132	132	132	132	132
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	132	132	132	132	132	132	132	132	132	132	132
TC-P17	Tung Chung Area 39	N/A	136	136	136	136	136	136	136	136	136	136	136

Result Summary (Cumulative 10-minute SO₂) - Two-runway System

ASR ID	Location	No. of Storey	Max. 10-minute SO ₂ Concentration at various height (ug/m ³)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	146	146	146							
ST-2	Village house at Kau Liu	3	146	146	146							
ST-3	Village house at San Tau	3	146	146	146							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	203	193	183							
SLW-2	Sha Lo Wan House No.5	3	236	229	219							
SLW-3	Sha Lo Wan House No.9	3	166	166	166							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	165	165	165							
San Shek Wan												
SSW-1	San Shek Wan	3	163	163	163							
Sham Wat												
SW-1	Sham Wat House No. 39	3	119	119	119							
SW-2	Sham Wat House No. 30	3	142	142	142							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	132	132	132							
SHW-2	Village house at Ngau Kwu Long	3	118	118	118							
SHW-3	Village house at Tai Ho San Tsuen	3	113	113	113							
SHW-4	Siu Ho Wan MTRC Depot	3	109	109	109							
SHW-5	Tin Liu Village	3	117	117	117							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	109	109	109	109	109	109	109	109	109	109
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	121	122	122	121	120	117	115	112	109	109
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	122	123	123	123	121	119	117	115	113	111
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	118	119	119	119	117	116	113	111	109	109
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	142	142								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	150	150								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	152	152								
TM-10	Pillar Point Fire Station	3	150	150	150							
TM-11	Butterfly Beach Laundry	5	176	176	176	176						
TM-12	River Trade Terminal	2	163	163	163							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	173	173	173	173	173	324	290	194	173	173
TM-14	EcoPark Administration Building	1	193	193								
TM-15	Castle Peak Power Plant Administration Building	1	193	193								
TM-16	Customs and Excise Department Harbour River Trade Division	6	150	150	150	150						
TM-17	Saw Mil Number 61-69	1	142	141								
TM-18	Saw Mil Number 35-49	1	141	141								
TM-19	Ho Yeung Street Number 22	1	176	176								

Note:

- [1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative 24-hour SO2) - Two-runway System

ASR ID	Location	No. of Storey	Max. 24-hour SO2 Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
Hong Kong Boundary Crossing Facilities												
BCF-1	Planned Passenger Building	N/A			55(1)	54	53	51	49	48	47	46
Tung Chung												
TC-1	Caribbean Coast Block 1	47	41	41	41	41	41	41	41	41	41	41
TC-2	Caribbean Coast Block 6	51	41	41	41	41	41	41	41	41	41	41
TC-3	Caribbean Coast Block 11	52	41	41	41	41	41	41	41	41	41	41
TC-4	Caribbean Coast Block 16	51	41	41	41	41	41	41	41	41	41	41
TC-5	Ho Yu College	7	41	41	41	41	41					
TC-6	Ho Yu Primary School	7	41	41	41	41	41					
TC-7	Coastal Skyline Block 1	50	41	41	41	41	41	41	41	41	41	41
TC-8	Coastal Skyline Block 5	50	43	43	43	43	42	42	42	42	42	42
TC-9	La Rossa Block B	56	43	43	43	43	42	42	42	42	42	42
TC-10	Le Bleu Deux Block 1	15	43	43	43	43	42	42	42	42		
TC-11	Le Bleu Deux Block 3	15	43	43	43	43	42	42	42	42		
TC-12	Le Bleu Deux Block 7	15	43	43	43	43	42	42	42	42		
TC-13	Seaview Crescent Block 1	50	43	43	43	43	42	42	42	42	42	42
TC-14	Seaview Crescent Block 3	49	43	43	43	43	42	42	42	42	42	42
TC-15	Seaview Crescent Block 5	49	43	43	43	43	42	42	42	42	42	42
TC-16	Ling Liang Church E Wun Secondary School	7	43	43	43	43	42					
TC-17	Ling Liang Church Sau Tak Primary School	7	43	43	43	43	42					
TC-18	Tung Chung Public Library	4	43	43	43	43						
TC-19	Tung Chung North Park	1	41	41								
TC-20	Novotel Citygate Hong Kong	30	43	43	43	43	42	42	42	42	42	42
TC-21	One Citygate	5	43	43	43	42						
TC-22	One Citygate Bridge	10	43	43	43	43	42	42				
TC-23	Fu Tung Shopping Centre	4	41	41	41	41						
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	41	41	41							
TC-25	Ching Chung Hau Po Woon Primary School	7	41	41	41	41	41					
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	41	41	41	41	41					
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	41	41	41	41	41					
TC-28	Wong Cho Bau Secondary School	7	41	41	41	41	41					
TC-29	Yu Tung Court - Hei Tung House	33	41	41	41	41	41	41	41	41	41	41
TC-30	Yu Tung Court - Hor Tung House	36	41	41	41	41	41	41	41	41	41	41
TC-31	Fu Tung Estate - Tung Ma House	30	41	41	41	41	41	41	41	41	41	41
TC-32	Fu Tung Estate - Tung Shing House	30	41	41	41	41	41	41	41	41	41	41
TC-33	Tung Chung Crescent Block 1	28	41	41	41	41	41	41	41	41	41	41
TC-34	Tung Chung Crescent Block 3	30	41	41	41	41	41	41	41	41	41	41
TC-35	Tung Chung Crescent Block 5	33	41	41	41	41	41	41	41	41	41	41
TC-36	Tung Chung Crescent Block 7	39	41	41	41	41	41	41	41	41	41	41
TC-37	Tung Chung Crescent Block 9	43	41	41	41	41	41	41	41	41	41	41
TC-38	Yat Tung Estate - Shun Yat House	35	41	41	41	41	41	41	41	41	41	41
TC-39	Yat Tung Estate - Mei Yat House	36	41	41	41	41	41	41	41	41	41	41
TC-40	Yat Tung Estate - Hone Yat House	35	41	41	41	41	41	41	41	41	41	41
TC-41	Yat Tung Estate - Ping Yat House	35	41	41	41	41	41	41	41	41	41	41
TC-42	Yat Tung Estate - Fuk Yat House	35	41	41	41	41	41	41	41	41	41	41
TC-43	Yat Tung Estate - Ying Yat House	35	41	41	41	41	41	41	41	41	41	41
TC-44	Yat Tung Estate - Sui Yat House	35	41	41	41	41	41	41	41	41	41	41
TC-45	Village house at Ma Wan Chung	35	41	41	41	41	41	41	41	41	41	41
TC-46	Ma Wan New Village	3	41	41	41							
TC-47	Tung Chung Our Lady Kindergarden	1	41	41								
TC-48	Sheung Ling Pei	3	41	41	41							
TC-49	Tung Chung Public School	1	41	41								
TC-50	Ha Line Pei	3	41	41	41							
TC-51	Lung Tseung Tau	3	40	40	40							
TC-52	YMCA of Hong Kong Christian College	8	43	43	43	43	43					
TC-53	Hau Wong Temple	1	44	44								
TC-54	Sha Tsui Tau	3	41	41	41							
TC-55	Nean Au	3	43	43	43							
TC-56	Shek Lau Po	3	43	43	43							
TC-57	Mo Ka	3	43	43	43							
TC-58	Shek Mun Kap	3	43	43	43							
TC-59	Shek Mun Kap Lo Hon Monastery	3	43	43	43							
TC-P1	Planned North Lantau Hospital	N/A	41	41	41	41	41	41	41	41	41	41
TC-P2	Planned Park near One Citygate	1	43	43								
TC-P5	Tung Chung West Development	N/A	44	44	44	44	44	44	44	44	44	44
TC-P6	Tung Chung West Development	N/A	41	41	41	41	41	41	41	41	41	41
TC-P7	Tung Chung West Development	N/A	42	42	42	42	42	42	42	42	42	42
TC-P8	Tung Chung East Development	N/A	41	41	41	41	41	41	41	41	41	41
TC-P9	Tung Chung East Development	N/A	41	41	41	41	41	41	41	41	41	41
TC-P10	Tung Chung East Development	N/A	46	45	45	45	45	44	44	44	44	43
TC-P11	Tung Chung East Development	N/A	45	45	45	45	45	44	44	44	44	43
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	43	43	43	43	43	42	42	42	42	42
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	41	41	41	41	41	41	41	41	41	41
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	41	41	41	41	41	41	41	41	41	41
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	41	41	41	41	41	41	41	41	41	41
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	41	41	41	41	41	41	41	41	41	41
TC-P17	Tung Chung Area 39	N/A	41	41	41	41	41	41	41	41	41	41

Result Summary (Cumulative 24-hour SO₂) - Two-runway System

ASR ID	Location	No. of Storey	Max. 24-hour SO ₂ Concentration at various height (ug/m ³)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	44	44	44							
ST-2	Village house at Kau Liu	3	44	44	44							
ST-3	Village house at San Tau	3	44	44	44							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	47	47	47							
SLW-2	Sha Lo Wan House No.5	3	46	46	46							
SLW-3	Sha Lo Wan House No.9	3	47	47	47							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	47	47	47							
San Shek Wan												
SSW-1	San Shek Wan	3	47	47	47							
Sham Wat												
SW-1	Sham Wat House No. 39	3	48	48	48							
SW-2	Sham Wat House No. 30	3	53	53	53							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	45	45	45							
SHW-2	Village house at Ngau Kwu Long	3	42	42	42							
SHW-3	Village house at Tai Ho San Tsuen	3	43	43	43							
SHW-4	Siu Ho Wan MTRC Depot	3	44	44	44							
SHW-5	Tin Liu Village	3	42	42	42							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	44	44	44	44	44	44	43	43	43	43
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	47	47	47	46	46	46	45	45	44	44
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	47	47	47	47	47	46	46	45	45	44
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	46	46	46	46	46	45	45	45	44	44
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	49	48								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	49	49								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	49	49								
TM-10	Pillar Point Fire Station	3	49	49	49							
TM-11	Butterfly Beach Laundry	5	52	52	52	52						
TM-12	River Trade Terminal	2	50	50	50							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	51	51	51	51	51	54	51	51	51	51
TM-14	EcoPark Administration Building	1	51	51								
TM-15	Castle Peak Power Plant Administration Building	1	50	50								
TM-16	Customs and Excise Department Harbour River Trade Division	6	49	49	49	49						
TM-17	Saw Mil Number 61-69	1	48	48								
TM-18	Saw Mil Number 35-49	1	48	48								
TM-19	Ho Yeung Street Number 22	1	52	52								

Note:

- [1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative 1-hour CO) - Two-runway System

ASR ID	Location	No. of Storey	Max. 1-hour CO Concentration at various height (ug/m3)										
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG	
Hong Kong Boundary Crossing Facilities													
BCF-1	Planned Passenger Building	N/A			1417	1111	1337	1271	1226	1230	1231	1228	1224
Tung Chung													
TC-1	Caribbean Coast Block 1	47	1417	1410	1396	1353	1300	1248	1245	1244	1242	1241	
TC-2	Caribbean Coast Block 6	51	1356	1350	1340	1309	1267	1246	1244	1243	1242	1241	
TC-3	Caribbean Coast Block 11	52	1344	1338	1326	1293	1250	1247	1245	1243	1242	1241	
TC-4	Caribbean Coast Block 16	51	1344	1335	1319	1279	1250	1247	1245	1243	1242	1241	
TC-5	Ho Yu College	7	1442	1433	1412	1354	1293						
TC-6	Ho Yu Primary School	7	1420	1414	1399	1354	1298						
TC-7	Coastal Skyline Block 1	50	1312	1306	1296	1266	1255	1250	1246	1244	1242	1241	
TC-8	Coastal Skyline Block 5	50	1381	1374	1362	1325	1275	1219	1195	1194	1194	1194	
TC-9	La Rossa Block B	56	1398	1391	1376	1332	1277	1217	1195	1195	1194	1194	
TC-10	Le Bleu Deux Block 1	15	1472	1455	1424	1364	1299	1231	1198	1196			
TC-11	Le Bleu Deux Block 3	15	1459	1449	1427	1367	1301	1234	1198	1196			
TC-12	Le Bleu Deux Block 7	15	1437	1429	1411	1360	1300	1237	1196	1195			
TC-13	Seaview Crescent Block 1	50	1437	1426	1405	1347	1281	1213	1197	1196	1195	1194	
TC-14	Seaview Crescent Block 3	49	1432	1422	1400	1343	1278	1212	1199	1196	1195	1195	
TC-15	Seaview Crescent Block 5	49	1436	1426	1405	1346	1279	1213	1198	1196	1195	1194	
TC-16	Ling Liang Church E Wun Secondary School	7	1365	1359	1348	1312	1263						
TC-17	Ling Liang Church Sau Tak Primary School	7	1353	1347	1336	1304	1259						
TC-18	Tung Chung Public Library	4	1386	1379	1365	1323							
TC-19	Tung Chung North Park	1	1318	1312									
TC-20	Novotel Citygate Hong Kong	30	1417	1408	1390	1336	1268	1201	1198	1196	1195	1194	
TC-21	One Citygate	5	1321	1314	1301	1264							
TC-22	One Citygate Bridge	10	1335	1325	1307	1266	1220	1201					
TC-23	Fu Tung Shopping Centre	4	1294	1285	1265	1234							
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	1276	1268	1250								
TC-25	Ching Chung Hau Po Woon Primary School	7	1268	1263	1251	1228	1216						
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	1259	1256	1249	1230	1217						
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	1257	1256	1252	1239	1226						
TC-28	Wong Cho Bau Secondary School	7	1275	1273	1266	1248	1232						
TC-29	Yu Tung Court - Hei Tung House	33	1248	1246	1243	1233	1222	1213	1207	1202	1199	1197	
TC-30	Yu Tung Court - Hor Tung House	36	1245	1244	1242	1233	1224	1215	1208	1203	1199	1197	
TC-31	Fu Tung Estate - Tung Ma House	30	1255	1254	1249	1236	1222	1212	1206	1201	1198	1196	
TC-32	Fu Tung Estate - Tung Shing House	30	1256	1254	1250	1236	1224	1214	1207	1202	1199	1197	
TC-33	Tung Chung Crescent Block 1	28	1246	1245	1242	1233	1222	1213	1206	1202	1199	1196	
TC-34	Tung Chung Crescent Block 3	30	1251	1250	1245	1233	1220	1211	1205	1201	1198	1196	
TC-35	Tung Chung Crescent Block 5	33	1253	1252	1247	1233	1220	1211	1205	1201	1198	1196	
TC-36	Tung Chung Crescent Block 7	39	1287	1284	1275	1250	1230	1217	1209	1203	1200	1197	
TC-37	Tung Chung Crescent Block 9	43	1315	1308	1290	1254	1233	1220	1212	1206	1201	1198	
TC-38	Yat Tung Estate - Shun Yat House	35	1289	1288	1285	1276	1262	1247	1234	1222	1214	1207	
TC-39	Yat Tung Estate - Mei Yat House	36	1277	1272	1260	1245	1235	1226	1217	1210	1204	1200	
TC-40	Yat Tung Estate - Hong Yat House	35	1264	1263	1259	1248	1237	1227	1218	1211	1205	1201	
TC-41	Yat Tung Estate - Ping Yat House	35	1273	1272	1270	1263	1253	1242	1231	1221	1213	1207	
TC-42	Yat Tung Estate - Fuk Yat House	35	1279	1278	1276	1270	1261	1251	1240	1230	1221	1214	
TC-43	Yat Tung Estate - Ying Yat House	35	1281	1280	1278	1272	1263	1253	1242	1231	1222	1215	
TC-44	Yat Tung Estate - Sui Yat House	35	1286	1285	1283	1276	1266	1255	1243	1232	1222	1215	
TC-45	Village house at Ma Wan Chung	35	1299	1297	1294	1285	1273	1259	1246	1234	1224	1215	
TC-46	Ma Wan New Village	3	1286	1284	1281								
TC-47	Tung Chung Our Lady Kindergarden	1	1342	1328									
TC-48	Sheung Ling Pei	3	1306	1301	1290								
TC-49	Tung Chung Public School	1	1299	1297									
TC-50	Ha Ling Pei	3	1317	1311	1296								
TC-51	Lung Tseung Tau	3	1284	1283	1279								
TC-52	YMCA of Hong Kong Christian College	8	1165	1165	1165	1165	1165						
TC-53	Hau Wong Temple	1	1197	1197									
TC-54	Sha Tsui Tau	3	1309	1307	1304								
TC-55	Nean Au	3	1165	1165	1165								
TC-56	Shek Lau Po	3	1165	1165	1165								
TC-57	Mo Ka	3	1165	1165	1165								
TC-58	Shek Mun Kap	3	1165	1165	1165								
TC-59	Shek Mun Kap Lo Hon Monastery	3	1165	1165	1165								
TC-P1	Planned North Lantau Hospital	N/A	1251	1251	1249	1242	1233	1223	1215	1208	1203	1199	
TC-P2	Planned Park near One Citygate	1	1356	1346									
TC-P5	Tung Chung West Development	N/A	1230	1189	1188	1185	1181	1177	1174	1171	1169	1168	
TC-P6	Tung Chung West Development	N/A	1333	1330	1325	1310	1292	1274	1258	1244	1231	1221	
TC-P7	Tung Chung West Development	N/A	1627	1588	1486	1329	1246	1197	1196	1195	1195	1194	
TC-P8	Tung Chung East Development	N/A	1428	1421	1409	1372	1320	1259	1244	1243	1242	1241	
TC-P9	Tung Chung East Development	N/A	1355	1349	1337	1305	1261	1250	1246	1243	1242	1241	
TC-P10	Tung Chung East Development	N/A	1260	1257	1253	1242	1227	1211	1208	1205	1203	1201	
TC-P11	Tung Chung East Development	N/A	1364	1364	1360	1345	1324	1297	1267	1235	1204	1201	
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	1418	1411	1398	1359	1306	1242	1197	1195	1195	1194	
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	1489	1450	1406	1364	1314	1253	1243	1242	1241	1241	
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	1398	1392	1381	1346	1299	1246	1244	1243	1242	1241	
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	1439	1416	1379	1338	1297	1247	1245	1243	1242	1241	
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	1398	1390	1375	1337	1294	1260	1253	1248	1245	1243	
TC-P17	Tung Chung Area 39	N/A	1306	1302	1296	1282	1270	1260	1249	1238	1229	1221	

Result Summary (Cumulative 1-hour CO) - Two-runway System

ASR ID	Location	No. of Storey	Max. 1-hour CO Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	1170	1170	1170							
ST-2	Village house at Kau Liu	3	1170	1170	1170							
ST-3	Village house at San Tau	3	1170	1171	1172							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	1738	1714	1684							
SLW-2	Sha Lo Wan House No.5	3	1692	1672	1645							
SLW-3	Sha Lo Wan House No.9	3	1139	1139	1139							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	1139	1139	1139							
San Shek Wan												
SSW-1	San Shek Wan	3	1139	1139	1139							
Sham Wat												
SW-1	Sham Wat House No. 39	3	1139	1139	1139							
SW-2	Sham Wat House No. 30	3	1218	1215	1208							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	1279	1279	1277							
SHW-2	Village house at Ngau Kwu Long	3	1283	1283	1282							
SHW-3	Village house at Tai Ho San Tsuen	3	1285	1285	1285							
SHW-4	Siu Ho Wan MTRC Depot	3	1286	1283	1279							
SHW-5	Tin Liu Village	3	1282	1282	1282							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	1297	1293	1289	1277	1262	1246	1246	1246	1246	1246
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	1247	1247	1247	1246	1246	1246	1246	1246	1246	1246
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	1290	1286	1280	1260	1246	1246	1246	1246	1246	1246
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	1296	1294	1288	1271	1247	1246	1246	1246	1246	1246
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	1362	1362								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	1309	1308								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	1304	1304								
TM-10	Pillar Point Fire Station	3	1312	1311	1307							
TM-11	Butterfly Beach Laundry	5	1345	1345	1344	1338						
TM-12	River Trade Terminal	2	1306	1306	1305							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	1319	1319	1319	1319	1319	1319	1319	1319	1319	1319
TM-14	EcoPark Administration Building	1	1316	1315								
TM-15	Castle Peak Power Plant Administration Building	1	1315	1315								
TM-16	Customs and Excise Department Harbour River Trade Division	6	1313	1312	1307	1304						
TM-17	Saw Mill Number 61-69	1	1356	1355								
TM-18	Saw Mill Number 35-49	1	1355	1354								
TM-19	Ho Yeung Street Number 22	1	1346	1347								

Note:

- [1] The fresh air intake of BCF-1 is located at 15mAG

Result Summary (Cumulative 8-hour CO) - Two-runway System

ASR ID	Location	No. of Storey	Max. 8-hour CO Concentration at various height (ug/m3)										
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG	
Hong Kong Boundary Crossing Facilities													
BCF-1	Planned Passenger Building	N/A			1020	111	1013	1012	1012	1013	1013	1011	1009
Tung Chung													
TC-1	Caribbean Coast Block 1	47	1190	1187	1178	1156	1134	1113	1094	1078	1064	1052	
TC-2	Caribbean Coast Block 6	51	1175	1172	1165	1149	1131	1111	1093	1076	1062	1051	
TC-3	Caribbean Coast Block 11	52	1170	1167	1162	1147	1129	1109	1090	1074	1061	1050	
TC-4	Caribbean Coast Block 16	51	1176	1172	1164	1147	1128	1108	1090	1073	1060	1049	
TC-5	Ho Yu College	7	1198	1193	1182	1156	1133						
TC-6	Ho Yu Primary School	7	1187	1183	1175	1155	1134						
TC-7	Coastal Skyline Block 1	50	1167	1164	1159	1145	1127	1107	1088	1072	1058	1048	
TC-8	Coastal Skyline Block 5	50	1148	1145	1140	1126	1108	1089	1071	1054	1040	1027	
TC-9	La Rossa Block B	56	1160	1156	1150	1132	1112	1091	1071	1054	1038	1026	
TC-10	Le Bleu Deux Block 1	15	1182	1175	1161	1138	1117	1095	1074	1055			
TC-11	Le Bleu Deux Block 3	15	1173	1169	1160	1137	1115	1094	1074	1055			
TC-12	Le Bleu Deux Block 7	15	1163	1160	1152	1133	1114	1094	1074	1056			
TC-13	Seaview Crescent Block 1	50	1183	1178	1167	1142	1117	1093	1071	1052	1036	1023	
TC-14	Seaview Crescent Block 3	49	1186	1179	1167	1142	1117	1093	1072	1052	1036	1023	
TC-15	Seaview Crescent Block 5	49	1174	1169	1158	1136	1113	1091	1070	1052	1037	1024	
TC-16	Ling Liang Church E Wun Secondary School	7	1155	1152	1143	1125	1107						
TC-17	Ling Liang Church Sau Tak Primary School	7	1148	1145	1138	1121	1104						
TC-18	Tung Chung Public Library	4	1173	1169	1159	1135							
TC-19	Tung Chung North Park	1	1167	1164									
TC-20	Novotel Citygate Hong Kong	30	1178	1173	1162	1137	1112	1088	1067	1049	1034	1023	
TC-21	One Citygate	5	1165	1156	1140	1117							
TC-22	One Citygate Bridge	10	1199	1164	1140	1118	1099	1080					
TC-23	Fu Tung Shopping Centre	4	1059	1055	1044	1026							
TC-24	Tung Chung Health Centre and Air Quality Monitoring Station	3	1051	1047	1038								
TC-25	Ching Chung Hau Po Woon Primary School	7	1046	1043	1037	1023	1014						
TC-26	Po On Commercial Association Wan Ho Kan Primary School	7	1041	1039	1034	1023	1014						
TC-27	Po Leung Kuk Mrs. Ma Kam Min Cheung Fook Sien College	7	1044	1042	1038	1026	1016						
TC-28	Wong Cho Bau Secondary School	7	1053	1050	1044	1029	1018						
TC-29	Yu Tung Court - Hei Tung House	33	1040	1038	1034	1025	1016	1009	1003	1000	997	995	
TC-30	Yu Tung Court - Hor Tung House	36	1046	1043	1038	1027	1016	1009	1003	999	997	995	
TC-31	Fu Tung Estate - Tung Ma House	30	1045	1044	1039	1029	1018	1010	1004	1000	998	996	
TC-32	Fu Tung Estate - Tung Shing House	30	1064	1061	1052	1033	1019	1010	1004	1000	997	995	
TC-33	Tung Chung Crescent Block 1	28	1068	1063	1052	1032	1018	1009	1004	1000	997	995	
TC-34	Tung Chung Crescent Block 3	30	1051	1048	1042	1029	1017	1009	1004	1000	998	996	
TC-35	Tung Chung Crescent Block 5	33	1044	1042	1037	1027	1016	1009	1004	1000	998	996	
TC-36	Tung Chung Crescent Block 7	39	1063	1059	1050	1032	1018	1010	1004	1001	998	996	
TC-37	Tung Chung Crescent Block 9	43	1115	1108	1088	1047	1023	1011	1005	1001	998	996	
TC-38	Yat Tung Estate - Shun Yat House	35	1038	1038	1036	1031	1024	1017	1010	1005	1001	998	
TC-39	Yat Tung Estate - Mei Yat House	36	1038	1035	1028	1019	1013	1008	1003	999	996	994	
TC-40	Yat Tung Estate - Hone Yat House	35	1040	1036	1028	1019	1012	1007	1003	999	997	995	
TC-41	Yat Tung Estate - Ping Yat House	35	1041	1039	1033	1024	1018	1013	1008	1003	1000	997	
TC-42	Yat Tung Estate - Fuk Yat House	35	1047	1044	1039	1030	1024	1018	1012	1007	1003	1000	
TC-43	Yat Tung Estate - Yine Yat House	35	1040	1039	1037	1032	1026	1019	1013	1008	1004	1000	
TC-44	Yat Tung Estate - Sui Yat House	35	1039	1038	1036	1032	1027	1021	1015	1009	1004	1001	
TC-45	Village house at Ma Wan Chung	35	1044	1043	1041	1036	1030	1023	1017	1011	1006	1002	
TC-46	Ma Wan New Village	3	1039	1038	1035								
TC-47	Tung Chung Our Lady Kindergarden	1	1062	1055									
TC-48	Sheung Ling Pei	3	1043	1041	1036								
TC-49	Tung Chung Public School	1	1039	1038									
TC-50	Ha Line Pei	3	1050	1047	1039								
TC-51	Lung Tseung Tau	3	1061	1058	1050								
TC-52	YMCA of Hong Kong Christian College	8	992	991	991	991	991						
TC-53	Hau Wong Temple	1	983	982									
TC-54	Sha Tsui Tau	3	1045	1044	1042								
TC-55	Nean Au	3	991	991	991								
TC-56	Shek Lau Po	3	991	991	991								
TC-57	Mo Ka	3	991	991	990								
TC-58	Shek Mun Kap	3	991	991	990								
TC-59	Shek Mun Kap Lo Hon Monastery	3	991	991	990								
TC-P1	Planned North Lantau Hospital	N/A	1038	1036	1030	1020	1013	1007	1002	999	996	994	
TC-P2	Planned Park near One Citygate	1	1181	1172									
TC-P5	Tung Chung West Development	N/A	986	985	983	981	980	978	976	975	974	973	
TC-P6	Tung Chung West Development	N/A	1067	1059	1054	1047	1038	1030	1022	1015	1010	1005	
TC-P7	Tung Chung West Development	N/A	1261	1248	1220	1164	1123	1090	1063	1042	1026	1015	
TC-P8	Tung Chung East Development	N/A	1176	1173	1168	1153	1134	1113	1092	1074	1059	1048	
TC-P9	Tung Chung East Development	N/A	1136	1134	1130	1120	1107	1093	1078	1064	1053	1044	
TC-P10	Tung Chung East Development	N/A	1012	1011	1011	1009	1007	1005	1002	1000	999	998	
TC-P11	Tung Chung East Development	N/A	1036	1035	1033	1027	1019	1012	1006	1002	999	997	
TC-P12	Tung Chung Area 53a - Planned Hotel	N/A	1162	1160	1155	1140	1121	1099	1079	1059	1042	1028	
TC-P13	Tung Chung Area 54 - Planned Residential Development	N/A	1217	1193	1170	1153	1134	1112	1092	1074	1059	1048	
TC-P14	Tung Chung Area 55a - Planned Residential Development	N/A	1172	1169	1164	1150	1132	1112	1092	1075	1061	1050	
TC-P15	Tung Chung Area 89 - Planned Primary / Secondary School	N/A	1189	1179	1163	1144	1128	1110	1093	1076	1062	1051	
TC-P16	Tung Chung Area 90 - Planned Special School	N/A	1163	1160	1154	1140	1125	1109	1092	1077	1064	1053	
TC-P17	Tung Chung Area 39	N/A	1040	1039	1036	1029	1024	1019	1014	1009	1005	1002	

Result Summary (Cumulative 8-hour CO) - Two-runway System

ASR ID	Location	No. of Storey	Max. 8-hour CO Concentration at various height (ug/m3)									
			1.5 mAG	5 mAG	10 mAG	20 mAG	30 mAG	40 mAG	50 mAG	60 mAG	70 mAG	80 mAG
San Tau												
ST-1	Village house at Tin Sum	3	1014	999	979							
ST-2	Village house at Kau Liu	3	1047	1032	1006							
ST-3	Village house at San Tau	3	979	979	982							
Sha Lo Wan												
SLW-1	Sha Lo Wan House No.1	3	1152	1147	1139							
SLW-2	Sha Lo Wan House No.5	3	1101	1098	1094							
SLW-3	Sha Lo Wan House No.9	3	980	980	981							
SLW-4	Tin Hau Temple at Sha Lo Wan	3	980	980	981							
San Shek Wan												
SSW-1	San Shek Wan	3	981	981	981							
Sham Wat												
SW-1	Sham Wat House No. 39	3	967	967	967							
SW-2	Sham Wat House No. 30	3	1039	1037	1035							
Siu Ho Wan												
SHW-1	Village house at Pak Mong	3	1090	1089	1086							
SHW-2	Village house at Ngau Kwu Long	3	1058	1058	1057							
SHW-3	Village house at Tai Ho San Tsuen	3	1059	1059	1057							
SHW-4	Siu Ho Wan MTRC Depot	3	1026	1026	1026							
SHW-5	Tin Liu Village	3	1047	1047	1046							
Proposed Lantau Logistic Park												
LLP-P1	Proposed Lantau Logistics Park - 1	N/A	1025	1025	1025	1024	1024	1024	1024	1024	1024	1024
LLP-P2	Proposed Lantau Logistics Park - 2	N/A	1067	1064	1059	1050	1038	1026	1025	1024	1024	1023
LLP-P3	Proposed Lantau Logistics Park - 3	N/A	1094	1091	1088	1079	1066	1050	1032	1023	1022	1022
LLP-P4	Proposed Lantau Logistics Park - 4	N/A	1055	1052	1048	1040	1030	1026	1025	1024	1023	1023
Tuen Mun												
TM-7	Tuen Mun Fireboat Station	1	1020	1019								
TM-8	DSD Pillar Point Preliminary Treatment Works	1	1016	1014								
TM-9	EMSD Tuen Mun Vehicle Service Station	1	998	998								
TM-10	Pillar Point Fire Station	3	1009	1007	1000							
TM-11	Butterfly Beach Laundry	5	1094	1094	1092	1082						
TM-12	River Trade Terminal	2	995	994	993							
TM-13	Planned GIC use opposite to TM Fill Bank	N/A	995	995	995	994	993	993	992	992	992	992
TM-14	EcoPark Administration Building	1	1024	1023								
TM-15	Castle Peak Power Plant Administration Building	1	1022	1022								
TM-16	Customs and Excise Department Harbour River Trade Division	6	1022	1017	1003	991						
TM-17	Saw Mill Number 61-69	1	1031	1030								
TM-18	Saw Mill Number 35-49	1	1031	1030								
TM-19	Ho Yeung Street Number 22	1	1096	1097								

Note:

- [1] The fresh air intake of BCF-1 is located at 15mAG