

Construction Air Quality Assessment Results

Cumulative 1-hr TSP Concentration

ASR	Description	Intake Year	Lowest Assessment Height (m)	Year 2023					Year 2024					Year 2025					Year 2026					Year 2027						
				1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m		
Existing ASRs																														
A01	Pak Mong Village	---	1.5	158	159	155			143	143	145			149	149	151			164	165	171			233	234	235				
A02	Pak Mong Village	---	1.5	208	208	226			147	148	144			154	154	145			145	145	158			180	180	190				
A03	Ying Tung Estate - Ying Chui House (Block 3)	---	10			217	187	178			162	156	151			210	204	174			273	252	216			265	253	226		
A04	Ying Tung Estate - Ying Yuet House (Block 4)	---	10			210	199	185			161	157	151			218	214	185			292	276	242			265	259	238		
A05	Rosita Yuen Kindergarten	---	1.5	209	210	205	201	188	163	163	160	156	151	193	193	212	210	184	271	272	272	258	229	253	253	256	250	230		
A06	Ying Tung Estate - Ying Hei House (Block 1)	---	1.5	196	196	190	192	182	158	159	158	155	150	181	182	196	197	178	227	227	223	214	195	231	232	233	226	208		
A07	The Visionary Resident Recreational Facilities	---	10			180	165	163			146	146	145			174	166	155			157	153	148			155	156	153		
A08	The Visionary Tower 3	---	1.5	187	188	186	168	165	148	148	147	146	146	178	178	178	173	161	163	164	160	147	145	160	160	166	168	165		
A09	Century Link Tower 6A	---	10			211	153	147			163	147	147			208	175	147			169	160	155			183	187	182		
A11a	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	2.4		228						227					227					227					227				
A11b	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	3.4		213						213					214					214					214				
A11c	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	3.5		221						221					222					222					222				
A12	Caribbean Coast Monterey Cove Tower 1	---	10			147	147	147			147	147	147			153	154	153			147	147	147			151	149	147		
A13	Caribbean Coast Monterey Cove Tower 3	---	10			147	147	147			147	147	147			152	155	155			148	147	147			151	151	149		
A16	Tung Chung North Park Soccer Pitch	---	1.5	148							148					148					148					148				
A17	Ho Yu College	---	1.5	184	184	185	186	188	149	149	149	149	149	149	159	159	162	162	160	149	149	149	149	149	149	175	175	183	184	183
A18	Bermuda Park	---	1.5	179					150						160						149					168				
A19	La Mer House 1	---	5		175	180	177	174			150	150	149	149		152	159	162	159		149	149	149	149	149	167	175	177	177	
A20a	Tung Chung Waterfront Park	---	1.5	176							149					153					149					165				
A20b	Tung Chung Waterfront Park	---	1.5	169							157					168					168					168				
A21	Le Bleu House 99	---	1.5	172	172	179					149	149	149			150	150	161			149	149	149			164	163	173		
A22	Le Bleu House 33	---	1.5	169	169	178					149	149	149			149	149	149			149	149	149			160	160	169		
A23	Le Bleu Deux Block 7	---	10			181	185	186			149	149	149			149	149	149			149	149	149			168	171	173		
A24	Le Bleu Deux Block 3	---	10			179	184	187			171	153	149			183	165	149			183	165	153			183	167	168		
A25a	Seaview Crescent Alfresco Dining Area	---	1.5	170							150					149					157					163				
A25b	Seaview Crescent Park	---	1.5	167							151					149					157					162				
A25c	Seaview Crescent Club House and Swimming Pool	---	1.5	167	167	177	181	183	150	150	150	150	150	149	149	149	149	149	149	156	156	164	167	167	161	161	166	166	165	
A25d	Seaview Crescent Block 1	---	10			173	180	180			152	151	151			149	149	149			165	172	173			165	169	166		
A30b	Tung Chung Crescent - Block 1	---	15				200	185					194	173				151	149				149	149			152	152		
A31	Tung Chung Crescent - Block 2	---	15				157	157					152	151				152	150				152	150			155	156		
A32	Tung Chung Crescent - Block 3	---	1.5	203	203	201	194	183	235	235	229	204	176	178	179	173	154	149	150	150	150	150	149	149	150	150	150	149		
A33	Tung Chung Crescent - Block 5	---	1.5	331	306	240	205	180	315	289	222	188	166	248	222	158	149	149	230	204	150	149	149	249	223	161	149	149		
A34	Tung Chung Crescent - Block 7	---	15				213	191					186	171				149	149				149	149			149	149		
A35b	Tung Chung Crescent - Block 9	---	15				214	191					185	171				149	149				152	149			149	149		
A36a	Tung Chung Crescent Clubhouse - Tennis Court	---	10			246					211					188					149					160				
A36b	Tung Chung Crescent Clubhouse - Tennis Court	---	10			241					215					163					149					160				
A37	Shops at Tung Chung Crescent	---	1.5	428	305	229	201	178	420	297	219	189	166	351	228	154	149	149	326	216	149	149	149	149	344	220	149	149	149	
A38	Shops at Tung Chung Crescent	---	1.5	318	233	209	195	179	282	241	230	200	171	280	176	167	151	149	280	184	149	149	149	280	187	149	149	149		
A39a	Tung Chung Crescent Clubhouse - Swimming Pool	---	15				195	176					196	166			149	149			149	149				149	149	149		
A39b	Tung Chung Crescent Clubhouse - Swimming Pool	---	15				195	178					200	170			149	149			149	149				149	149	149		
A57	Sheung Ling Pei House 1	---	1.5	165	166	158			162	162	163			160	160	158			156	156	156			156	156	156				
A58	Auxiliary Medical Service Tung Chung Office	---	1.5	183	183	179			178	178	183			161	161	157			157	156	154			157	156	154				
A59	Ha Ling Pei	---	1.5	194	194	182			195	194	180			197	196	183			173	173	170			173	173	170				
A60	Ha Ling Pei House 9	---	1.5	218	219	212			219	219	213			221	221	215			201	202	202			201	202	202				
A61	Ha Ling Pei House 7	---	1.5	232	232	231			232	233	232			234	235	234			217	217	221			217	217	221				
A62	JoysMark	---	1.5	189	180				184	176				176	169				164	159				164	159					
A63	Children's Playground of JoysMark	---	5		194						175					167					155					151				
A64a	Mun Tung Estate - Mun Wo House	---	5		210	190	171	158			180	185	174	155		169	175	173	154		156	162	151	149	156	162	150	149		
A64b	Mun Tung Estate - Mun Wo House	---	5		248	219	203	161			179	187	174	151		170	180	169	152		159	170	157	149	159	170	157	148		
A64c	Mun Tung Estate - Mun Wo House	---	5		261	246	210	155			178	192	185	157		170	184	180	156		172	160	153	149	148	157	153	148		
A77	Yat Tung Estate - Yung Yat House	---	1.5	204	205	216	198	169	168	167	173	174	169	156	156	155	153	151	156	156	155	153	151	156	156	155	153	151		
A78	Yat Tung Estate - Ping Yat House	---	5		239	236	204	171			172	171	170	165		162	156	153	150		158	156	153	150	158	156	15			

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ASR	Description	Intake Year	Lowest Assessment Height (m)	Year 2023					Year 2024					Year 2025					Year 2026					Year 2027								
				1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m				
Planned ASRs																																
P12	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	10																									440	328	232		
P13 ^[1]	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																									425	419	345	268	220
P14	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																									386	383	337	301	240
P15	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																									312	313	315	291	243
P16	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																									421	418	343	282	237
P17	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																									351	352	318	271	228
P19	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																									387	387	342	299	260
P20	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																									362	363	337	273	244
P21a ^[1]	TCNTE East - Planned Commercial Development (COM-1/Area 57)	2024	1.5							447	406	195	156	152	441	438	364	250	182	398	400	402	370	309	332	333	310	288	258			
P21b	TCNTE East - Planned Commercial Development (COM-1/Area 57)	2024	1.5							253	255	243	210	160	266	267	285	255	189	372	374	379	356	307	303	305	300	293	267			
P22	TCNTE East - Planned Residential Development (B1-2/Area 100)	2024	1.5							313	314	315	250	168	333	334	323	263	191	451	453	426	348	268	403	400	344	321	272			
P23	TCNTE East - Planned Clinic & GIC Complex (B0-3/Area 59)	2024	1.5							215	216	206	182	151	243	244	257	234	179	367	368	367	335	281	314	316	305	295	265			
P25	TCNTE East - Planned Residential Development (B1-2/Area 100)	2024	1.5							205	205	221	211	168	224	225	225	212	169	326	328	314	267	212	305	306	294	272	231			
P26	TCNTE East - Planned Residential Development (Area 54)	2023	1.5	201	202	215	194	149	158	155	164	150	147	185	184	191	184	161	173	173	196	200	181	181	181	190	193	189				
P27	TCNTE East - Planned Residential Development (Area 54)	2023	1.5	232	232	256	225	167	220	221	237	202	147	278	279	304	272	207	225	226	255	233	179	185	186	194	196	189				
P31	TCNTE West - Planned Residential Development (TCW-2/Area 23)	2027	1.5																									203	165	151	148	148
P34	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5												162	160	166	156	148	172	172	175	162	148	163	161	166	157	148			
P35a	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5												148	148	148	149	148	226	225	199	160	148	151	150	151	148	148			
P35b	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5												148	148	157	159	150	256	225	178	167	148	181	158	149	148	148			
P38	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5												164	165	153	148	148	186	186	169	160	149	148	148	148	148	148	148		
P39	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5												148	148	148	148	148	185	186	191	172	148	163	162	151	148	148			
P40	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5												169	170	175	151	148	175	176	171	149	148	148	148	148	148	148	148		
P42	TCNTE West - General Clinic /Health Centre (TCV-i/Area 36A)	2025	1.5												160	160	162	148	148	204	202	169	148	148	148	148	148	148	148	148		
P43	TCNTE West - Planned Residential Development (TCW-3/Area 48)	2025	1.5												181	181	154	148	148	167	167	151	148	148	178	176	151	148	148			

Notes:

[1] ASRs P13 in Year 2027 and P21a in Year 2024 for TSP adopted a more practicable assumption that any active construction site at any one time in each phase would not be more than 100m x 100m (or 10,000m²) in size while all other construction sites located relatively further away from the ASRs remain 100% active has been adopted as a very conservative assumption.

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Cumulative 10th 24-hr RSP Concentration

ASR	Description	Intake Year	Lowest Assessment Height (m)	Year 2023					Year 2024					Year 2025					Year 2026					Year 2027				
				1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
Existing ASRs																												
A01	Pak Mong Village	---	1.5	69	69	69			68	68	68			68	68	68			68	68	68			68	68	68		
A02	Pak Mong Village	---	1.5	69	69	69			69	69	69			68	68	68			68	68	68			68	68	68		
A03	Ying Tung Estate - Ying Chui House (Block 3)	---	10			70	70	70			70	70	70			70	69	69			70	69	69			69	69	69
A04	Ying Tung Estate - Ying Yuet House (Block 4)	---	10			70	70	70			70	70	69			70	69	69			70	69	69			70	69	69
A05	Rosita Yuen Kindergarten	---	1.5	71	71	70	70	70	71	71	70	70	69	70	70	70	69	69	71	71	70	69	69	70	70	69	69	69
A06	Ying Tung Estate - Ying Hei House (Block 1)	---	1.5	70	70	70	70	69	70	70	70	70	69	70	70	69	69	69	70	70	70	69	69	69	69	69	69	69
A07	The Visionary Resident Recreational Facilities	---	10			69	69	69			69	69	69			69	69	69			69	69	69			69	69	68
A08	The Visionary Tower 3	---	1.5	69	69	69	69	69	70	69	69	69	69	69	69	69	69	68	69	69	69	69	69	69	69	69	69	68
A09	Century Link Tower 6A	---	10			69	69	68			69	68	68			68	68	68			69	68	68			68	68	68
A11a	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	2.4		69					69					68					68					68			
A11b	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	3.4		71					70					69					69					69			
A11c	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	3.5		69					69					68					68					68			
A12	Caribbean Coast Monterey Cove Tower 1	---	10			69	69	69			69	69	69			68	68	68			68	68	68			68	68	68
A13	Caribbean Coast Monterey Cove Tower 3	---	10			69	69	69			69	69	69			68	68	68			68	68	68			68	68	68
A16	Tung Chung North Park Soccer Pitch	---	1.5	69						69					68					68					68			
A17	Ho Yu College	---	1.5	68	68	69	69	68	68	68	68	68	68	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
A18	Bermuda Park	---	1.5	68						68					67					67					67			
A19	La Mer House 1	---	5		68	68	68	68		68	68	67	67		67	67	67	67		67	67	67	67	67	67	67	67	67
A20a	Tung Chung Waterfront Park	---	1.5	68						68					68					68					68			
A20b	Tung Chung Waterfront Park	---	1.5	68						68					67					67					67			
A21	Le Bleu House 99	---	1.5	68	68	68				68	68	68			67	67	67			67	67	67			67	67	67	
A22	Le Bleu House 33	---	1.5	68	68	68				68	68	68			67	67	67			67	67	67			67	67	67	
A23	Le Bleu Deux Block 7	---	10			68	68	68			68	68	68			67	67	67			67	67	67			67	67	67
A24	Le Bleu Deux Block 3	---	10			68	68	68			68	67	67			67	67	67			67	67	67			67	67	67
A25a	Seaview Crescent Alfresco Dining Area	---	1.5	68						68					67					67					67			
A25b	Seaview Crescent Park	---	1.5	68						68					67					67					67			
A25c	Seaview Crescent Club House and Swimming Pool	---	1.5	68	68	68	68	68	68	68	68	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
A25d	Seaview Crescent Block 1	---	10			68	68	68			68	68	67			67	67	67			67	67	67			67	67	67
A30b	Tung Chung Crescent - Block 1	---	15				67	67				67	67				66	66				66	66				66	66
A31	Tung Chung Crescent - Block 2	---	15				68	68				68	68				67	67				67	67				67	67
A32	Tung Chung Crescent - Block 3	---	1.5	67	67	67	67	67	67	67	67	67	67	67	66	66	66	66	67	67	66	66	66	67	67	66	66	66
A33	Tung Chung Crescent - Block 5	---	1.5	68	67	67	67	67	67	67	67	67	67	67	66	66	66	66	67	67	66	66	66	67	67	66	66	66
A34	Tung Chung Crescent - Block 7	---	15				67	67				67	67				66	66				66	66				66	66
A35b	Tung Chung Crescent - Block 9	---	15				68	67				67	67				67	66				67	66				67	66
A36a	Tung Chung Crescent Clubhouse - Tennis Court	---	10			68					68					68					67					67		
A36b	Tung Chung Crescent Clubhouse - Tennis Court	---	10			67					67					66					66					66		
A37	Shops at Tung Chung Crescent	---	1.5	69	68	67	67	67	68	67	67	67	67	68	67	66	66	66	68	67	66	66	66	68	67	66	66	66
A38	Shops at Tung Chung Crescent	---	1.5	68	68	67	67	67	68	67	67	67	67	67	67	66	66	66	67	67	66	66	66	67	67	66	66	66
A39a	Tung Chung Crescent Clubhouse - Swimming Pool	---	15				67	67				67	67				66	66				66	66				66	66
A39b	Tung Chung Crescent Clubhouse - Swimming Pool	---	15				67	67				67	67				66	66				66	66				66	66
A57	Sheung Ling Pei House 1	---	1.5	69	69	68			68	68	68			67	67	67			67	67	67			67	67	67		
A58	Auxiliary Medical Service Tung Chung Office	---	1.5	69	69	68			68	68	68			67	67	67			67	67	67			67	67	67		
A59	Ha Ling Pei	---	1.5	69	69	69			68	68	68			67	67	67			67	67	67			67	67	67		
A60	Ha Ling Pei House 9	---	1.5	69	69	69			68	68	68			67	67	67			67	67	67			67	67	67		
A61	Ha Ling Pei House 7	---	1.5	69	69	69			68	68	68			67	67	67			67	67	67			67	67	67		
A62	JoysMark	---	1.5	69	69				68	68				67	67				67	67				67	67			
A63	Children's Playground of JoysMark	---	5		69					69					68					67					67			
A64a	Mun Tung Estate - Mun Wo House	---	5		72	72	71	69		69	69	69	68		68	68	68	67		67	67	67	67		67	67	67	67
A64b	Mun Tung Estate - Mun Wo House	---	5		74	73	72	70		69	69	69	69		68	68	68	68		67	67	67	67		67	67	67	67
A64c	Mun Tung Estate - Mun Wo House	---	5		75	75	72	70		69	69	69	69		68	68	68	68		67	67	67	67		67	67	67	67
A77	Yat Tung Estate - Yung Yat House	---	1.5	68	68	68	68	68	68	68	68	68	68	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
A78	Yat Tung Estate - Ping Yat House	---	5		69	68	68	68		68	68	68	68		67	67	67	67		67	67	67	67		67	67	67	67
A79	Yat Tung Estate - Tai Yat House	---	5		71	68	68	68		69	68	68	68		68	67	67	67		67	67	67	67		67	67	67	67
A80	Yat Tung Estate - Chau Yat House	---	5		73	69	68	68		71	68	68	68		70	68	67	67		67	67	67	67		67	67	67	67
A81a	Yat Tung Estate - Fuk Yat House	---	5		78	72	71	69		77	70	68	68		75	69	68	68		72	68	68	67		72	68	68	67
A81b	Yat Tung Estate - Fuk Yat House	---	5		78	72	71	69		77	71	68</																

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ASR	Description	Intake Year	Lowest Assessment Height (m)	Year 2023					Year 2024					Year 2025					Year 2026					Year 2027					
				1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	
Planned ASRs																													
P12	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	10																										
P13	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																										
P14	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																										
P15	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																										
P16	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																										
P17	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																										
P19	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																										
P20	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																										
P21a	TCNTE East - Planned Commercial Development (COM-1/Area 57)	2024	1.5							81	79	73	70	70	81	81	76	72	70	77	76	73	70	69	73	73	72	70	70
P21b	TCNTE East - Planned Commercial Development (COM-1/Area 57)	2024	1.5							76	74	71	70	69	73	73	71	70	69	76	75	72	70	69	72	72	70	70	69
P22	TCNTE East - Planned Residential Development (B1-2/Area 100)	2024	1.5							79	76	73	72	70	79	79	78	75	72	78	77	73	70	70	74	73	70	70	69
P23	TCNTE East - Planned Clinic & GIC Complex (B0-3/Area 59)	2024	1.5							74	72	71	70	70	72	72	71	70	69	76	75	71	70	69	71	70	70	69	69
P25	TCNTE East - Planned Residential Development (B1-2/Area 100)	2024	1.5							72	71	71	71	70	73	73	73	72	70	74	73	70	70	69	71	70	69	69	69
P26	TCNTE East - Planned Residential Development (Area 54)	2023	1.5	69	69	69	69	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
P27	TCNTE East - Planned Residential Development (Area 54)	2023	1.5	69	69	69	69	69	69	69	69	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
P31	TCNTE West - Planned Residential Development (TCW-2/Area 23)	2027	1.5																										
P34	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5												72	71	69	68	68	70	69	68	68	67	70	69	68	67	67
P35a	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5												70	70	69	68	68	70	70	69	68	68	70	69	69	68	67
P35b	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5												70	70	69	68	68	71	70	69	68	67	71	69	68	67	67
P38	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5												69	68	68	68	67	68	68	68	68	67	68	67	67	67	67
P39	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5												69	69	68	68	67	70	69	68	68	67	69	69	68	67	67
P40	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5												69	69	69	68	68	71	71	69	68	68	70	70	69	68	67
P42	TCNTE West - General Clinic /Health Centre (TCV-i/Area 36A)	2025	1.5												70	70	69	68	68	70	70	69	68	67	70	69	69	68	67
P43	TCNTE West - Planned Residential Development (TCW-3/Area 48)	2025	1.5												71	71	69	68	67	67	67	67	67	67	67	67	67	67	67

Construction Air Quality Assessment Results

Cumulative Annual RSP Concentration

ASR	Description	Intake Year	Lowest Assessment Height (m)	Year 2023					Year 2024					Year 2025					Year 2026					Year 2027					
				1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	
Existing ASRs																													
A01	Pak Mong Village	---	1.5	29	29	29			29	29	28			29	29	28			28	28	28			29	29	28			
A02	Pak Mong Village	---	1.5	29	29	29			29	29	29			29	29	29			28	28	28			28	28	28			
A03	Ying Tung Estate - Ying Chui House (Block 3)	---	10			31	31	30			31	30	30			31	30	30			31	30	30			30	30	30	
A04	Ying Tung Estate - Ying Yuet House (Block 4)	---	10			32	31	30			31	31	30			31	31	30			31	30	30			31	30	30	
A05	Rosita Yuen Kindergarten	---	1.5	32	32	31	31	30	32	32	31	30	30	32	32	31	30	30	31	31	31	30	30	31	31	31	30	30	
A06	Ying Tung Estate - Ying Hei House (Block 1)	---	1.5	31	31	31	30	30	31	31	31	30	30	31	31	31	30	30	31	31	31	30	30	31	31	31	30	29	
A07	The Visionary Resident Recreational Facilities	---	10			30	30	30			30	30	29			30	30	29			30	29	29			29	29	29	
A08	The Visionary Tower 3	---	1.5	31	31	30	30	30	30	30	30	30	29	30	30	30	30	29	30	30	30	29	29	29	29	29	29	29	
A09	Century Link Tower 6A	---	10			30	30	29			30	29	29			30	29	29			29	29	29			29	29	29	
A11a	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	2.4		30					30					30					30					29				
A11b	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	3.4		30					30					30					30					29				
A11c	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	3.5		30					30					30					29					29				
A12	Caribbean Coast Monterey Cove Tower 1	---	10			29	29	29			29	29	28			29	28	28			29	28	28			28	28	28	
A13	Caribbean Coast Monterey Cove Tower 3	---	10			29	28	28			28	28	28			28	28	28			28	28	28			28	28	28	
A16	Tung Chung North Park Soccer Pitch	---	1.5	29						29					29					29					28				
A17	Ho Yu College	---	1.5	29	29	29	29	28	29	29	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
A18	Bermuda Park	---	1.5	29						28					28					28					28				
A19	La Mer House 1	---	5		28	28	28	28		28	28	28	28		28	28	28	28		28	28	28	28		28	28	28	28	
A20a	Tung Chung Waterfront Park	---	1.5	29						28					28					28					28				
A20b	Tung Chung Waterfront Park	---	1.5	29						28					28					28					28				
A21	Le Bleu House 99	---	1.5	28	28	28				28	28	28			28	28	28			28	28	28			28	28	28	28	
A22	Le Bleu House 33	---	1.5	28	28	28				28	28	28			28	28	28			28	28	28			28	28	28	28	
A23	Le Bleu Deux Block 7	---	10			28	28	28			28	28	28			28	28	28			28	28	28			28	28	28	
A24	Le Bleu Deux Block 3	---	10			28	28	28			28	28	28			28	28	28			28	28	28			28	28	28	
A25a	Seaview Crescent Alfresco Dining Area	---	1.5	29						28					28					28					28				
A25b	Seaview Crescent Park	---	1.5	28						28					28					28					28				
A25c	Seaview Crescent Club House and Swimming Pool	---	1.5	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
A25d	Seaview Crescent Block 1	---	10			28	28	28			28	28	28			28	28	28			28	28	28			28	28	28	
A30b	Tung Chung Crescent - Block 1	---	15				29	28				28	28				28	28			28	28				28	28	28	
A31	Tung Chung Crescent - Block 2	---	15				28	28				28	28				28	28			28	28				28	28	28	
A32	Tung Chung Crescent - Block 3	---	1.5	29	29	29	29	28	29	29	29	28	28	29	29	28	28	28	28	28	28	28	28	28	28	28	28	28	28
A33	Tung Chung Crescent - Block 5	---	1.5	30	30	29	29	28	30	30	29	28	28	30	29	28	28	28	29	29	28	28	28	29	29	28	28	28	
A34	Tung Chung Crescent - Block 7	---	15				29	28				29	28				28	28			28	28				28	28	28	
A35b	Tung Chung Crescent - Block 9	---	15				29	29				29	28				28	28			28	28				28	28	28	
A36a	Tung Chung Crescent Clubhouse - Tennis Court	---	10			30					30					29					29					29			
A36b	Tung Chung Crescent Clubhouse - Tennis Court	---	10			29					29					29					28					28			
A37	Shops at Tung Chung Crescent	---	1.5	32	30	29	29	28	32	30	29	28	28	32	29	28	28	28	31	29	28	28	28	31	29	28	28	28	
A38	Shops at Tung Chung Crescent	---	1.5	30	30	29	29	28	30	29	29	28	28	30	29	28	28	28	29	29	28	28	28	29	28	28	28	28	
A39a	Tung Chung Crescent Clubhouse - Swimming Pool	---	15				29	28				28	28				28	28			28	28				28	28	28	
A39b	Tung Chung Crescent Clubhouse - Swimming Pool	---	15				29	28				28	28				28	28			28	28				28	28	28	
A57	Sheung Ling Pei House 1	---	1.5	29	29	29			29	29	29			28	28	27			27	27	27			27	27	27			
A58	Auxiliary Medical Service Tung Chung Office	---	1.5	30	30	29			29	29	29			29	28	28			28	28	28			28	28	27			
A59	Ha Ling Pei	---	1.5	30	30	29			29	29	29			29	28	28			28	28	28			28	28	27			
A60	Ha Ling Pei House 9	---	1.5	30	30	29			29	29	29			28	28	28			28	28	28			28	28	27			
A61	Ha Ling Pei House 7	---	1.5	30	30	29			29	29	29			28	28	28			28	28	27			28	28	27			
A62	JoysMark	---	1.5	30	30				29	29				29	29				28	28				28	28				
A63	Children's Playground of JoysMark	---	5		30					29					29					28					27				
A64a	Mun Tung Estate - Mun Wo House	---	5		31	30	30	29		30	29	29	28		29	29	28	28		28	28	27	27		27	27	27	27	
A64b	Mun Tung Estate - Mun Wo House	---	5		31	31	30	29		30	29	29	28		29	29	28	28		28	28	28	27	27		28	27	27	
A64c	Mun Tung Estate - Mun Wo House	---	5		32	31	30	29		30	30	29	28		29	28	28	28		28	28	27	27		27	27	27	27	
A77	Yat Tung Estate - Yung Yat House	---	1.5	29	29	29	28	28	29	28	28	28	28	28	28	28	27	27	28	28	27	27	27	28	28	27	27	27	
A78	Yat Tung Estate - Ping Yat House	---	5		29	29	28	28		29	28	28	28		28	28	28	27		28	28	27	27		28	27	27	27	
A79	Yat Tung Estate - Tai Yat House	---	5		31	29	28	28		30	29	28	28		30	28	28	27		28	28	27	27		28	28	27	27	
A80	Yat Tung Estate - Chau Yat House	---	5		32	29	29	28		32	29	28	28		31	28	28	27		28	28	28	27		28	28	27	27	
A81a	Yat Tung Estate - Fuk Yat House	---	5		34	31	29	29		34	30	29	28		33	30	28	28		30	29	28	28		30	28	28	27	
A81b	Yat Tung Estate - Fuk Yat House	---	5		34	31	29																						

Construction Air Quality Assessment Results

Cumulative Annual RSP Concentration

ASR	Description	Intake Year	Lowest Assessment Height (m)	Year 2023					Year 2024					Year 2025					Year 2026					Year 2027				
				1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m
Planned ASRs																												
P12	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	10																									
P13	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																									
P14	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																									
P15	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																									
P16	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																									
P17	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																									
P19	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																									
P20	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																									
P21a	TCNTE East - Planned Commercial Development (COM-1/Area 57)	2024	1.5							38	37	35	32	31	38	37	35	33	31	34	33	32	31	30	34	34	33	31
P21b	TCNTE East - Planned Commercial Development (COM-1/Area 57)	2024	1.5							34	33	33	31	30	34	33	33	31	31	33	33	32	31	30	33	33	32	31
P22	TCNTE East - Planned Residential Development (B1-2/Area 100)	2024	1.5							35	34	33	32	31	35	35	34	32	31	32	32	32	31	30	32	32	32	31
P23	TCNTE East - Planned Clinic & GIC Complex (B0-3/Area 59)	2024	1.5							32	32	32	31	30	32	32	32	31	30	32	32	31	31	30	32	32	31	30
P25	TCNTE East - Planned Residential Development (B1-2/Area 100)	2024	1.5							32	32	31	31	30	32	32	32	31	30	31	31	31	30	30	31	31	31	30
P26	TCNTE East - Planned Residential Development (Area 54)	2023	1.5	30	30	30	30	29	30	30	30	29	29	29	30	30	29	29	29	29	29	29	29	29	29	29	29	29
P27	TCNTE East - Planned Residential Development (Area 54)	2023	1.5	30	30	30	30	29	30	30	30	29	29	29	30	30	30	29	29	30	30	29	29	29	29	29	29	29
P31	TCNTE West - Planned Residential Development (TCW-2/Area 23)	2027	1.5																									
P34	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5												30	29	29	28	28	29	29	28	28	27	29	28	28	27
P35a	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5												29	29	28	28	28	29	29	28	28	27	28	28	28	27
P35b	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5												29	29	28	28	28	31	29	28	28	27	30	29	28	27
P38	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5												28	28	28	28	28	28	28	28	28	27	28	28	27	27
P39	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5												28	28	28	28	28	29	29	28	28	27	28	28	28	27
P40	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5												29	28	28	28	28	29	29	28	28	27	28	28	28	27
P42	TCNTE West - General Clinic /Health Centre (TCV-i/Area 36A)	2025	1.5												29	29	28	28	28	29	29	28	28	27	28	28	28	27
P43	TCNTE West - Planned Residential Development (TCW-3/Area 48)	2025	1.5												30	29	29	28	28	28	28	28	27	27	29	28	28	27

Construction Air Quality Assessment Results

Cumulative 36th 24-hr FSP Concentration

ASR	Description	Intake Year	Lowest Assessment Height (m)	Year 2023					Year 2024					Year 2025					Year 2026					Year 2027							
				1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m			
Planned ASRs																															
P12	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	10																												
P13	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																								29	29	27	27	26
P14	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																												
P15	TCNTE East - Comprehensive Development Area (A1-2/ Area 113)	2027	1.5																												
P16	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																												
P17	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																												
P19	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																												
P20	TCNTE East - Comprehensive Development Area (A1-1/ Area 113)	2027	1.5																												
P21a	TCNTE East - Planned Commercial Development (COM-1/Area 57)	2024	1.5																												
P21b	TCNTE East - Planned Commercial Development (COM-1/Area 57)	2024	1.5																												
P22	TCNTE East - Planned Residential Development (B1-2/Area 100)	2024	1.5																												
P23	TCNTE East - Planned Clinic & GIC Complex (B0-3/Area 59)	2024	1.5																												
P25	TCNTE East - Planned Residential Development (B1-2/Area 100)	2024	1.5																												
P26	TCNTE East - Planned Residential Development (Area 54)	2023	1.5	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
P27	TCNTE East - Planned Residential Development (Area 54)	2023	1.5	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
P31	TCNTE West - Planned Residential Development (TCW-2/Area 23)	2027	1.5																												
P34	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5																												
P35a	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5																												
P35b	TCNTE West - Planned Commercial Development (COM-2/Area 38B)	2025	1.5																												
P38	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5																												
P39	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5																												
P40	TCNTE West - Planned Residential Development (TCV-1/Area 60)	2025	1.5																												
P42	TCNTE West - General Clinic /Health Centre (TCV-i/Area 36A)	2025	1.5																												
P43	TCNTE West - Planned Residential Development (TCW-3/Area 48)	2025	1.5																												

Construction Air Quality Assessment Results

Cumulative Annual FSP Concentration

ASR	Description	Intake Year	Lowest Assessment Height (m)	Year 2023					Year 2024					Year 2025					Year 2026					Year 2027										
				1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m	1.5m	5m	10m	15m	20m						
Existing ASRs																																		
A01	Pak Mong Village	---	1.5	15	15	15				15	15	15				15	15	15				15	15	15				15	15	15				
A02	Pak Mong Village	---	1.5	15	15	15				15	15	15				15	15	15				15	15	15				15	15	15				
A03	Ying Tung Estate - Ying Chui House (Block 3)	---	10			16	16	16				16	16	16				16	16	16				16	16	16				16	16	16		
A04	Ying Tung Estate - Ying Yuet House (Block 4)	---	10			16	16	16				16	16	16				16	16	16				16	16	16				16	16	16		
A05	Rosita Yuen Kindergarten	---	1.5	16	16	16	16	16		16	16	16	16	16		16	16	16	16	16		16	16	16	16	16		16	16	16	16	16		
A06	Ying Tung Estate - Ying Hei House (Block 1)	---	1.5	16	16	16	16	16		16	16	16	16	16		16	16	16	16	16		16	16	16	16	16		16	16	16	16	16		
A07	The Visionary Resident Recreational Facilities	---	10			16	16	16				16	16	16				16	16	16				16	16	16				16	16	16		
A08	The Visionary Tower 3	---	1.5	16	16	16	16	16		16	16	16	16	16		16	16	16	16	16		16	16	16	16	16		16	16	16	16	16		
A09	Century Link Tower 6A	---	10			16	15	15				15	15	15				15	15	15				15	15	15				15	15	15		
A11a	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	2.4		16							16						16						15					15					
A11b	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	3.4		16							15						16						15					15					
A11c	Sheraton Hong Kong Tung Chung Hotel – Shopping Mall (Fresh Air Intake)	---	3.5		16							15						15						15					15					
A12	Caribbean Coast Monterey Cove Tower 1	---	10			15	15	15				16	15	15				15	15	15				15	15	15				15	15	15		
A13	Caribbean Coast Monterey Cove Tower 3	---	10			15	15	15				15	15	15				15	15	15				15	15	15				15	15	15		
A16	Tung Chung North Park Soccer Pitch	---	1.5	16								16						16						16					16					
A17	Ho Yu College	---	1.5	16	15	15	15	15		15	15	15	15	15		15	15	15	15	15		15	15	15	15	15		15	15	15	15	15	15	
A18	Bermuda Park	---	1.5	16								15						16						15					15					
A19	La Mer House 1	---	5		15	15	15	15				15	15	15				15	15	15				15	15	15			15	15	15	15	15	
A20a	Tung Chung Waterfront Park	---	1.5	16								16						16						16					15					
A20b	Tung Chung Waterfront Park	---	1.5	15								15						15						15					15					
A21	Le Bleu House 99	---	1.5	16	16	15						15	15	15				15	15	15				15	15	15			15	15	15	15	15	
A22	Le Bleu House 33	---	1.5	15	15	15						15	15	15				15	15	15				15	15	15			15	15	15	15	15	
A23	Le Bleu Deux Block 7	---	10			15	15	15				15	15	15				15	15	15				15	15	15			15	15	15	15	15	
A24	Le Bleu Deux Block 3	---	10			15	15	15				15	15	15				15	15	15				15	15	15			15	15	15	15	15	
A25a	Seaview Crescent Alfresco Dining Area	---	1.5	16								16						16						16					16					
A25b	Seaview Crescent Park	---	1.5	16								15						15						15					15					
A25c	Seaview Crescent Club House and Swimming Pool	---	1.5	16	15	15	15	15		15	15	15	15	15		15	15	15	15	15		15	15	15	15	15		15	15	15	15	15	15	
A25d	Seaview Crescent Block 1	---	10			15	15	15				15	15	15				15	15	15				15	15	15			15	15	15	15	15	
A30b	Tung Chung Crescent - Block 1	---	15			15	15					15	15					15	15				15	15					15	15	15	15	15	
A31	Tung Chung Crescent - Block 2	---	15			15	15					15	15					15	15				15	15					15	15	15	15	15	
A32	Tung Chung Crescent - Block 3	---	1.5	16	16	15	15	15		16	15	15	15	15		15	15	15	15	15		15	15	15	15	15		15	15	15	15	15	15	
A33	Tung Chung Crescent - Block 5	---	1.5	16	16	15	15	15		16	16	15	15	15		16	15	15	15	15		16	15	15	15	15		16	15	15	15	15	15	
A34	Tung Chung Crescent - Block 7	---	15			15	15					15	15					15	15				15	15					15	15	15	15	15	
A35b	Tung Chung Crescent - Block 9	---	15			15	15					15	15					15	15				15	15					15	15	15	15	15	
A36a	Tung Chung Crescent Clubhouse - Tennis Court	---	10			16						16						16					15						15					
A36b	Tung Chung Crescent Clubhouse - Tennis Court	---	10			16						15						15					15						15					
A37	Shops at Tung Chung Crescent	---	1.5	16	16	15	15	15		16	16	15	15	15		16	16	15	15	15		16	16	15	15	15		16	15	15	15	15	15	
A38	Shops at Tung Chung Crescent	---	1.5	16	16	15	15	15		16	16	15	15	15		16	16	15	15	15		16	16	15	15	15		16	15	15	15	15	15	
A39a	Tung Chung Crescent Clubhouse - Swimming Pool	---	15			15	15					15	15					15	15				15	15					15	15	15	15	15	
A39b	Tung Chung Crescent Clubhouse - Swimming Pool	---	15			15	15					15	15					15	15				15	15					15	15	15	15	15	
A57	Sheung Ling Pei House 1	---	1.5	15	15	15				15	15	15				15	15	15				15	15	15				15	15	15	15	15	15	
A58	Auxiliary Medical Service Tung Chung Office	---	1.5	16	15	15				15	15	15				15	15	15				15	15	15				15	15	15	15	15	15	
A59	Ha Ling Pei	---	1.5	15	15	15				15	15	15				15	15	15				15	15	15				15	15	15	15	15	15	
A60	Ha Ling Pei House 9	---	1.5	15	15	15				15	15	15				15	15	15				15	15	15				15	15	15	15	15	15	
A61	Ha Ling Pei House 7	---	1.5	15	15	15				15	15	15				15	15	15				15	15	15				15	15	15	15	15	15	
A62	JoysMark	---	1.5	16	15					15	15					15	15					15	15					15	15	15	15	15	15	
A63	Children's Playground of JoysMark	---	5		15							15						15					15						15					
A64a	Mun Tung Estate - Mun Wo House	---	5		16	15	15	15		15	15	15	15	15		15	15	15	15	15		15	15	15	15	15		15	15	15	15	15	15	
A64b	Mun Tung Estate - Mun Wo House	---	5		16	15	15	15		15	15	15	15	15		15	15	15	15	15		15	15	15	15	15		15	15	15	15	15	15	
A64c	Mun Tung Estate - Mun Wo House	---	5		16	15	15	15		15	15	15																						

