

Operational Air Quality Assessment Results (Year 2027)

Cumulative 19th highest 1-hour NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	116	116	115					
A3	House no. 95, Tai Tao Tsuen	1.5	3	120	119	116					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	119	119						
A6	House no. 176A, Fui Sha Wai	1.5	3	119	120	119					
A7	Village House, Ping Tong Street South	1.5	2	120	121	121					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	122	122						
A9	New Territories Assemblies of God Church	1.5	6	109	109	107	106	104			
A10	Block 10, Jasper Court	1.5	4	122	122	121	120				
A11	School	1.5	4	119	118	118	116	113			
A12	Village House, Lam Yu Road	1.5	1	123	123						
A13	Elchk Lutheran Academy	1.5	8	112	111	110	111	109			
A15	Village House, Lam Hei Road	1.5	1	121	121						
A16	Village House, Lam Hei Road	1.5	2	121	120	119					
A17	Sheltered Structure, Lam Hei Road	1.5	1	122	122						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	124	121						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	106	106	105					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	118	117	117					
A21	House no. 324, Shan Ha Tsuen	1.5	3	96	96	96					
A22	House no. 645, Shan Ha Tsuen	1.5	3	95	95	95					
A23	House no. 193, Kung Um Road	1.5	3	118	117	116					
A24	House no. 132, Sun Mei Garden	1.5	4	122	116	114	111				
A25	House no. 293, Kung Um Road	1.5	3	111	111	110					
A26	Block 10, Chun Fai Garden	1.5	3	108	108	107					
A27	House no. 161, Kung Um Road	1.5	3	108	108	106					
A28	Village House, Kung Um Road	1.5	3	108	108	108					
A29	House no. 366A, Kung Um Road	1.5	3	109	108	107					
A30	Sheltered Structure, Kung Um Road	1.5	3	90	90	90					
A31	House no. 31B, Kung Um Road	1.5	3	106	106	105					
A32	House no. 241, Kiu Hing Road	1.5	3	105	104	104					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	102	102	101					
A34	House no. 128, Kung Um Road	1.5	2	90	90	90					
A35	House no. 117, Kung Um Road	1.5	1	95	95						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	107	105						
A37	Uptown Tower 1	1.5	19	119	118	114	109	103	93		
A38	Chinese Mission Seminary	1.5	2	112	112	112					
A39	Fui Sha Wai Playground	1.5	1	113	111						
A40	Tower 8, Imperial Villas II	1.5	5	109	107	106	103				
A41	Energy Industrial Centre Block B	1.5	3	108	106	103					
A42	Block 1, Parkside Villa	5	11		123	117	112	108			
A43	Block 2, Emerald Green	1.5	25	119	118	118	117	116	111		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	122	121	120					
A45	House no. 139A	1.5	3	123	122	121					
A46	House no. 101, Sham Chung Tsuen	1.5	3	123	122	121					
A47	Meadowlands Block 33	1.5	5	103	103	103	103				
A48	Po Kok Branch School	1.5	3	108	106	104	103				
A49	Treasure Court Block 7	1.5	6	111	110	108	106	104			
A50	Beauty Court Block 2	1.5	11	115	112	110	107	103			
A51	Park Nara Tower 1	1.5	12	116	116	112	107	106			
A52	Hung Uk Garden	1.5	3	105	104	103					
A53	Green Lodge House 16	1.5	3	108	108	107					
A54	Ping Shan Garden Block 6	1.5	3	117	117	116					
A55	Villa Sunshine Block 1	1.5	4	118	118	118	117				
A56	Park Royale Block 10	5	11		120	118	117	114			
A57	Park Royale Block 2	5	11		120	118	114	112			
A58	Po Leung Kuk Law's Foundation School	1.5	2	117	115	115					
A59	Yuen Long Public Secondary School	1.5	8	115	115	113	111	109			
A60	Villa Art Deco Block 2	1.5	12	113	110	109	107	105			
A61	Gertrude Simon Lutheran College	1.5	8	124	121	118	117	116			
A62	Yuen Long Public Middle School Alumni Association Primary School	1.5	7	127	125	119	118	116			
A63	Silver Field Garden Block 17	1.5	3	122	121	119					
A64	La Grove Block 1	1.5	20	122	121	119	117	115	110		
A65	Ma Tin Tsuen House 242	1.5	3	120	119	118					
A66	Teng Lung Villa	1.5	3	119	118	117					
A67	Yuen Long Baptist Church	1.5	2	120	119	115					
A68	Fraser Village House 54	1.5	2	122	121	119					
A69	The Brand	1.5	21	119	119	117	117	116	109		
A70	Sereno Verde Block 2	1.5	14	114	114	113	111	108			
A71	La Pradera Block 12	1.5	15	111	110	110	110	109			
A72	The Reach Tower 2	1.5	25	112	111	110	110	109	103		
A73	The Reach Tower 6	1.5	25	115	114	113	113	110	102		
A74	Tai Kei Leng House 145	1.5	2	114	113	110					
A75	Christian & Missionary Alliance Chui Chak Lam Memorial School	1.5	8	116	115	113	110	109			
A76	Grand de Sol Block 15	1.5	12	113	113	111	108	108			
A77	Grand de Sol Block 8	1.5	12	114	114	113	112	111			
A78	Hoover Garden Block 4	1.5	3	117	117	117					
A79	Ha Yau Tin Tsuen House 2	1.5	3	113	113	112					
A80	Buddhist Wing Yan School	1.5	8	113	112	112	112	111			
A81	Fortune Centre	1.5	22	113	113	112	111	109	102		
A82	YOHO Town Block 6	1.5	34	112	112	112	110	109	100	101	
A83	YOHO Town Block 9	1.5	35	112	111	110	110	109	101	100	
A84	YOHO Midtown Block 5	15	33				117	115	103	101	
A84a	Shopping Mall under YOHO Midtown (Fresh Air Intake)	6	-		129						

Cumulative Annual NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	33.0	33.0	32.4					
A3	House no. 95, Tai Tao Tsuen	1.5	3	34.8	34.3	32.7					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	31.5	32.1						
A6	House no. 176A, Fui Sha Wai	1.5	3	30.0	30.4	30.5					
A7	Village House, Ping Tong Street South	1.5	2	29.9	30.8	31.7					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	31.1	31.5						
A9	New Territories Assemblies of God Church	1.5	6	28.1	27.8	27.2	26.9	26.4			
A10	Block 10, Jasper Court	1.5	4	31.8	31.9	31.5	30.4				
A11	School	1.5	4	29.7	29.6	29.1	29.3	28.0			
A12	Village House, Lam Yu Road	1.5	1	30.4	31.1						
A13	Elchk Lutheran Academy	1.5	8	28.4	28.3	27.8	27.9	27.0			
A15	Village House, Lam Hei Road	1.5	1	32.9	32.5						
A16	Village House, Lam Hei Road	1.5	2	33.1	32.9	32.2					
A17	Sheltered Structure, Lam Hei Road	1.5	1	35.7	34.9						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	34.3	33.5						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	25.0	24.9	24.6					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	28.5	28.7	28.8					
A21	House no. 324, Shan Ha Tsuen	1.5	3	20.9	20.9	20.9					
A22	House no. 645, Shan Ha Tsuen	1.5	3	21.0	21.0	21.0					
A23	House no. 193, Kung Um Road	1.5	3	29.3	29.2	28.7					
A24	House no. 132, Sun Mei Garden	1.5	4	33.5	25.9	23.6	22.8				
A25	House no. 293, Kung Um Road	1.5	3	22.7	22.6	22.4					
A26	Block 10, Chun Fai Garden	1.5	3	22.7	22.5	22.0					
A27	House no. 161, Kung Um Road	1.5	3	21.7	21.6	21.4					
A28	Village House, Kung Um Road	1.5	3	20.6	20.6	20.5					
A29	House no. 366A, Kung Um Road	1.5	3	21.1	21.0	20.9					
A30	Sheltered Structure, Kung Um Road	1.5	3	19.4	19.4	19.4					
A31	House no. 31B, Kung Um Road	1.5	3	21.3	21.0	20.4					
A32	House no. 241, Kiu Hing Road	1.5	3	20.5	20.2	19.9					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	19.3	19.3	19.3					
A34	House no. 128, Kung Um Road	1.5	2	19.0	19.0	19.0					
A35	House no. 117, Kung Um Road	1.5	1	19.5	19.5						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	32.8	31.9						
A37	Uptown Tower 1	1.5	19	34.5	33.1	31.0	28.8	26.7	21.6		
A38	Chinese Mission Seminary	1.5	2	28.0	27.7	26.7					
A39	Fui Sha Wai Playground	1.5	1	28.7	27.6						
A40	Tower 8, Imperial Villas II	1.5	5	28.1	27.6	26.3	25.4				
A41	Energy Industrial Centre Block B	1.5	3	28.5	27.4	26.6					
A42	Block 1, Parkside Villa	5	11		31.1	29.1	28.0	26.9			
A43	Block 2, Emerald Green	1.5	25	29.6	28.9	28.4	28.1	27.7	25.0		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	33.4	32.4	30.5					
A45	House no. 139A	1.5	3	33.9	34.0	33.8					
A46	House no. 101, Sham Chung Tsuen	1.5	3	31.8	31.5	30.8					
A47	Meadowlands Block 33	1.5	5	29.1	28.7	28.1	27.7				
A48	Po Kok Branch School	1.5	3	29.8	29.3	28.7	28.3				
A49	Treasure Court Block 7	1.5	6	29.3	28.8	27.5	26.4	25.5			
A50	Beauty Court Block 2	1.5	11	29.5	28.5	26.8	25.7	24.9			
A51	Park Nara Tower 1	1.5	12	30.7	29.9	28.3	27.0	26.0			
A52	Hung Uk Garden	1.5	3	25.4	25.2	24.9					
A53	Green Lodge House 16	1.5	3	27.9	27.8	27.5					
A54	Ping Shan Garden Block 6	1.5	3	31.9	31.2	29.7					
A55	Villa Sunshine Block 1	1.5	4	33.8	32.6	30.6	29.2				
A56	Park Royale Block 10	5	11		30.7	28.8	27.6	26.8			
A57	Park Royale Block 2	5	11		32.3	30.2	28.6	27.6			

Operational Air Quality Assessment Results (Year 2027)

Cumulative 19th highest 1-hour NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
W-A9	Block 1, Marbella Garden	1.5	5	101	101	100	101				
W-A11	Kisland Villa Phase 2	1.5	5	102	102	102	102				
W-A13	Sha Tseng Tsuen	1.5	4	108	107	107	107				
W-A14	Sha Tseng Tsuen	1.5	4	118	118	117	116				
Planned ASRs - PDA Area 2 and Area 3											
E-P1	Planned Residential	1.5	34	115	115	114	114	113	109	105	
E-P5	Planned Residential	1.5	34	107	107	107	107	106	100	100	

Note:
For A84a, A84d, A105_FA, and A150a, the predicted concentrations at their fresh air intakes at 6m, 2m, 4m and 8m above ground are presented respectively.

Cumulative Annual NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
W-A9	Block 1, Marbella Garden	1.5	5	23.8	23.7	23.6	23.5				
W-A11	Kisland Villa Phase 2	1.5	5	24.4	24.4	24.3	24.1				
W-A13	Sha Tseng Tsuen	1.5	4	26.5	26.4	26.1	25.9				
W-A14	Sha Tseng Tsuen	1.5	4	28.8	28.8	28.4	28.4				
Planned ASRs - PDA Area 2 and Area 3											
E-P1	Planned Residential	1.5	34	27.7	27.6	27.4	27.3	27.0	24.7	23.5	
E-P5	Planned Residential	1.5	34	21.8	21.8	21.7	21.6	21.4	20.2	19.4	

Operational Air Quality Assessment Results (Year 2027)

Cumulative 10th highest 24-hour RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	82	82	82					
A3	House no. 95, Tai Tao Tsuen	1.5	3	82	82	82					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	81	81						
A6	House no. 176A, Fui Sha Wai	1.5	3	82	82	82					
A7	Village House, Ping Tong Street South	1.5	2	82	82	82					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	83	83						
A9	New Territories Assemblies of God Church	1.5	6	83	83	83	83	83			
A10	Block 10, Jasper Court	1.5	4	83	83	83	83				
A11	School	1.5	4	83	83	83	83	83			
A12	Village House, Lam Yu Road	1.5	1	83	83						
A13	Elchk Lutheran Academy	1.5	8	83	83	83	83	83			
A15	Village House, Lam Hei Road	1.5	1	82	82						
A16	Village House, Lam Hei Road	1.5	2	82	82	82					
A17	Sheltered Structure, Lam Hei Road	1.5	1	82	82						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	82	82						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	82	82	82					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	83	83	83					
A21	House no. 324, Shan Ha Tsuen	1.5	3	84	84	84					
A22	House no. 645, Shan Ha Tsuen	1.5	3	84	84	84					
A23	House no. 193, Kung Um Road	1.5	3	82	82	82					
A24	House no. 132, Sun Mei Garden	1.5	4	82	82	82	82				
A25	House no. 293, Kung Um Road	1.5	3	82	82	82					
A26	Block 10, Chun Fai Garden	1.5	3	82	82	82					
A27	House no. 161, Kung Um Road	1.5	3	82	82	82					
A28	Village House, Kung Um Road	1.5	3	82	82	82					
A29	House no. 366A, Kung Um Road	1.5	3	82	82	82					
A30	Sheltered Structure, Kung Um Road	1.5	3	85	85	85					
A31	House no. 31B, Kung Um Road	1.5	3	82	82	82					
A32	House no. 241, Kiu Hing Road	1.5	3	82	82	82					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	82	82	82					
A34	House no. 128, Kung Um Road	1.5	2	85	85	85					
A35	House no. 117, Kung Um Road	1.5	1	86	86						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	83	83						
A37	Uptown Tower 1	1.5	19	82	82	82	81	81	81		
A38	Chinese Mission Seminary	1.5	2	81	81	81					
A39	Fui Sha Wai Playground	1.5	1	81	81						
A40	Tower 8, Imperial Villas II	1.5	5	82	82	82	81				
A41	Energy Industrial Centre Block B	1.5	3	90	89	84					
A42	Block 1, Parkside Villa	5	11		83	83	83	83			
A43	Block 2, Emerald Green	1.5	25	82	82	82	82	82	81		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	82	82	82					
A45	House no. 139A	1.5	3	82	82	82					
A46	House no. 101, Sham Chung Tsuen	1.5	3	82	82	82					
A47	Meadowlands Block 33	1.5	5	82	82	82	82				
A48	Po Kok Branch School	1.5	3	82	82	82	82				
A49	Treasure Court Block 7	1.5	6	81	81	81	81	81			
A50	Beauty Court Block 2	1.5	11	81	81	81	81	81			
A51	Park Nara Tower 1	1.5	12	81	81	81	81	81	81		
A52	Hung Uk Garden	1.5	3	81	81	81					
A53	Green Lodge House 16	1.5	3	83	83	83					
A54	Ping Shan Garden Block 6	1.5	3	82	82	82					
A55	Villa Sunshine Block 1	1.5	4	82	82	82	82				
A56	Park Royale Block 10	5	11		82	82	81	81			
A57	Park Royale Block 2	5	11		82	82	82	81			
A58	Po Leung Kuk Law's Foundation School	1.5	2	83	83	82					
A59	Yuen Long Public Secondary School	1.5	8	83	82	82	82	82			
A60	Villa Art Deco Block 2	1.5	12	83	83	82	82	82			
A61	Gertrude Simon Lutheran College	1.5	8	82	82	82	82	81			
A62	Yuen Long Public Middle School Alumni Association Primary School	1.5	7	82	82	82	82	81			
A63	Silver Field Garden Block 17	1.5	3	82	82	82					
A64	La Grove Block 1	1.5	20	82	82	82	82	82	81		
A65	Ma Tin Tsuen House 242	1.5	3	82	82	82					
A66	Teng Lung Villa	1.5	3	82	82	82					
A67	Yuen Long Baptist Church	1.5	2	82	82	82					
A68	Fraser Village House 54	1.5	2	82	82	82					
A69	The Brand	1.5	21	82	82	82	82	82	81		
A70	Sereno Verde Block 2	1.5	14	81	81	81	81	81			
A71	La Pradera Block 12	1.5	15	81	81	81	81	81			
A72	The Reach Tower 2	1.5	25	81	81	81	81	81	81		
A73	The Reach Tower 6	1.5	25	81	81	81	81	81	81		
A74	Tai Kei Leng House 145	1.5	2	82	81	81					
A75	Christian & Missionary Alliance Chui Chak Lam Memorial School	1.5	8	81	81	81	81	81			
A76	Grand de Sol Block 15	1.5	12	81	81	81	81	81	81		
A77	Grand de Sol Block 8	1.5	12	81	81	81	81	81			
A78	Hoover Garden Block 4	1.5	3	82	82	82					
A79	Ha Yau Tin Tsuen House 2	1.5	3	81	81	81					
A80	Buddhist Wing Yan School	1.5	8	81	81	81	81	81			
A81	Fortune Centre	1.5	22	82	82	82	82	82	82		
A82	YOHO Town Block 6	1.5	34	81	81	81	81	81	81	81	
A83	YOHO Town Block 9	1.5	35	82	82	82	82	82	82	82	
A84	YOHO Midtown Block 5	15	33				82	82	82	82	
A84a	Shopping Mall under YOHO Midtown (Fresh Air Intake)	6	-		82						

Cumulative Annual RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	35.4	35.4	35.4					
A3	House no. 95, Tai Tao Tsuen	1.5	3	35.5	35.5	35.4					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	35.4	35.4						
A6	House no. 176A, Fui Sha Wai	1.5	3	35.3	35.4	35.4					
A7	Village House, Ping Tong Street South	1.5	2	35.5	35.5	35.6					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	35.6	35.6						
A9	New Territories Assemblies of God Church	1.5	6	35.4	35.4	35.4	35.3	35.3			
A10	Block 10, Jasper Court	1.5	4	35.6	35.6	35.6	35.5				
A11	School	1.5	4	35.4	35.4	35.4	35.4	35.3			
A12	Village House, Lam Yu Road	1.5	1	35.5	35.5						
A13	Elchk Lutheran Academy	1.5	8	35.4	35.4	35.3	35.3	35.3			
A15	Village House, Lam Hei Road	1.5	1	35.6	35.5						
A16	Village House, Lam Hei Road	1.5	2	35.6	35.6	35.5					
A17	Sheltered Structure, Lam Hei Road	1.5	1	35.7	35.6						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	35.6	35.6						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	35.2	35.2	35.2					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	35.4	35.4	35.4					
A21	House no. 324, Shan Ha Tsuen	1.5	3	35.7	35.7	35.7					
A22	House no. 645, Shan Ha Tsuen	1.5	3	35.7	35.7	35.7					
A23	House no. 193, Kung Um Road	1.5	3	35.3	35.3	35.3					
A24	House no. 132, Sun Mei Garden	1.5	4	35.8	35.5	35.4	35.3				
A25	House no. 293, Kung Um Road	1.5	3	35.3	35.3	35.3					
A26	Block 10, Chun Fai Garden	1.5	3	35.3	35.3	35.3					
A27	House no. 161, Kung Um Road	1.5	3	35.3	35.3	35.3					
A28	Village House, Kung Um Road	1.5	3	35.2	35.2	35.2					
A29	House no. 366A, Kung Um Road	1.5	3	35.2	35.2	35.2					
A30	Sheltered Structure, Kung Um Road	1.5	3	35.7	35.7	35.7					
A31	House no. 31B, Kung Um Road	1.5	3	35.5	35.5	35.4					
A32	House no. 241, Kiu Hing Road	1.5	3	35.4	35.4	35.4					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	35.4	35.4	35.4					
A34	House no. 128, Kung Um Road	1.5	2	35.7	35.7	35.7					
A35	House no. 117, Kung Um Road	1.5	1	36.8	36.8						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	36.3	36.3						
A37	Uptown Tower 1	1.5	19	35.5	35.4	35.3	35.2	35.1	34.8		
A38	Chinese Mission Seminary	1.5	2	35.1	35.1	35.1					
A39	Fui Sha Wai Playground	1.5	1	35.2	35.2						
A40	Tower 8, Imperial Villas II	1.5	5	35.4	35.4	35.3	35.2				
A41	Energy Industrial Centre Block B	1.5	3	40.1	39.6	37.5					
A42	Block 1, Parkside Villa	5	11		35.5	35.4	35.3	35.3			
A43	Block 2, Emerald Green	1.5	25	35.3	35.3	35.3	35.3	35.3	35.1		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	35.5	35.5	35.4					
A45	House no. 139A	1.5	3	35.6	35.6	35.6					
A46	House no. 101, Sham Chung Tsuen	1.5	3	35.5	35.5	35.4					
A47	Meadowlands Block 33	1.5	5	36.0	36.0	36.0	36.0				
A48	Po Kok Branch School	1.5	3	36.1	36.0	36.0	36.0				
A49	Treasure Court Block 7	1.5	6	35.0	35.0	34.9	34.9	34.9			
A50	Beauty Court Block 2	1.5	11	35.0	35.0	34.9	34.9	34.8			
A51	Park Nara Tower 1	1.5	12	35.1	35.1	35.0	34.9	34.9			
A52	Hung Uk Garden	1.5	3	35.0	35.0	35.0					
A53	Green Lodge House 16	1.5	3	35.3	35.3	35.3					
A54	Ping Shan Garden Block 6	1.5	3	35.2	35.2	35.1					
A55	Villa Sunshine Block 1	1.5	4	35.3	35.2	35.1	35.1				
A56	Park Royale Block 10	5	11		35.1	35.0	35.0	34.9			
A57	Park Royale Block 2	5	11		35.2	35.1	35.0	35.0			
A58	Po Leung Kuk Law's Foundation School	1.5	2	35.3	35.3	35.2					
A59	Yuen Long Public Secondary School	1.5	8	35.3	35.3	35.2	35.2	35.2			
A60	Villa Art Deco Block 2	1.5	12	35.3	35.3	35.2	35.2	35.2			

Operational Air Quality Assessment Results (Year 2027)

Cumulative 10th highest 24-hour RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
W-A9	Block 1, Marbella Garden	1.5	5	82	82	82	82				
W-A11	Kisland Villa Phase 2	1.5	5	82	82	82	82				
W-A13	Sha Tseng Tsuen	1.5	4	82	82	82	82				
W-A14	Sha Tseng Tsuen	1.5	4	83	83	83	83				
Planned ASRs - PDA Area 2 and Area 3											
E-P1	Planned Residential	1.5	34	82	82	82	82	82	82	81	
E-P5	Planned Residential	1.5	34	82	82	82	82	82	82	81	

Note:
For A84a, A84d, A105_FA, and A150a, the predicted concentrations at their fresh air intakes at 6m, 2m, 4m and 8m above ground are presented respectively.

Cumulative Annual RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
W-A9	Block 1, Marbella Garden	1.5	5	35.1	35.1	35.1	35.1				
W-A11	Kisland Villa Phase 2	1.5	5	35.2	35.1	35.1	35.1				
W-A13	Sha Tseng Tsuen	1.5	4	35.3	35.3	35.3	35.2				
W-A14	Sha Tseng Tsuen	1.5	4	35.4	35.4	35.4	35.4				
Planned ASRs - PDA Area 2 and Area 3											
E-P1	Planned Residential	1.5	34	35.3	35.3	35.3	35.3	35.2	35.1	35.1	
E-P5	Planned Residential	1.5	34	35.3	35.3	35.3	35.3	35.3	35.2	35.2	

Operational Air Quality Assessment Results (Year 2027)

Cumulative 10th highest 24-hour FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	62	62	61					
A3	House no. 95, Tai Tao Tsuen	1.5	3	61	61	61					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	61	61						
A6	House no. 176A, Fui Sha Wai	1.5	3	61	61	61					
A7	Village House, Ping Tong Street South	1.5	2	61	61	61					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	62	62						
A9	New Territories Assemblies of God Church	1.5	6	62	62	62	62	62			
A10	Block 10, Jasper Court	1.5	4	63	63	62	62				
A11	School	1.5	4	62	62	62	62	62			
A12	Village House, Lam Yu Road	1.5	1	62	62						
A13	Elchk Lutheran Academy	1.5	8	62	62	62	62	62			
A15	Village House, Lam Hei Road	1.5	1	61	61						
A16	Village House, Lam Hei Road	1.5	2	61	61	61					
A17	Sheltered Structure, Lam Hei Road	1.5	1	61	61						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	62	62						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	62	62	62					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	62	62	62					
A21	House no. 324, Shan Ha Tsuen	1.5	3	63	63	63					
A22	House no. 645, Shan Ha Tsuen	1.5	3	63	63	63					
A23	House no. 193, Kung Um Road	1.5	3	62	62	62					
A24	House no. 132, Sun Mei Garden	1.5	4	62	61	61	61				
A25	House no. 293, Kung Um Road	1.5	3	61	61	61					
A26	Block 10, Chun Fai Garden	1.5	3	61	61	61					
A27	House no. 161, Kung Um Road	1.5	3	61	61	61					
A28	Village House, Kung Um Road	1.5	3	61	61	61					
A29	House no. 366A, Kung Um Road	1.5	3	61	61	61					
A30	Sheltered Structure, Kung Um Road	1.5	3	64	64	64					
A31	House no. 31B, Kung Um Road	1.5	3	61	61	61					
A32	House no. 241, Kiu Hing Road	1.5	3	61	61	61					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	61	61	61					
A34	House no. 128, Kung Um Road	1.5	2	64	64	64					
A35	House no. 117, Kung Um Road	1.5	1	64	64						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	63	63						
A37	Uptown Tower 1	1.5	19	62	61	61	61	61	61		
A38	Chinese Mission Seminary	1.5	2	61	61	61					
A39	Fui Sha Wai Playground	1.5	1	61	61						
A40	Tower 8, Imperial Villas II	1.5	5	61	61	61					
A41	Energy Industrial Centre Block B	1.5	3	64	63	62					
A42	Block 1, Parkside Villa	5	11		62	62	62	62			
A43	Block 2, Emerald Green	1.5	25	61	61	61	61	61	61		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	61	61	61					
A45	House no. 139A	1.5	3	61	61	61					
A46	House no. 101, Sham Chung Tsuen	1.5	3	62	62	62					
A47	Meadowlands Block 33	1.5	5	62	62	62	62	62			
A48	Po Kok Branch School	1.5	3	62	62	62	62	62			
A49	Treasure Court Block 7	1.5	6	61	61	61	61	61			
A50	Beauty Court Block 2	1.5	11	61	61	61	61	61			
A51	Park Nara Tower 1	1.5	12	61	61	61	61	61	61		
A52	Hung Uk Garden	1.5	3	61	61	61					
A53	Green Lodge House 16	1.5	3	62	62	62					
A54	Ping Shan Garden Block 6	1.5	3	61	61	61					
A55	Villa Sunshine Block 1	1.5	4	62	61	61	61				
A56	Park Royale Block 10	5	11		61	61	61	61			
A57	Park Royale Block 2	5	11		61	61	61	61			
A58	Po Leung Kuk Law's Foundation School	1.5	2	62	62	62					
A59	Yuen Long Public Secondary School	1.5	8	62	62	62	62	62			
A60	Villa Art Deco Block 2	1.5	12	62	62	62	62	62			
A61	Gertrude Simon Lutheran College	1.5	8	61	61	61	61	61			
A62	Yuen Long Public Middle School Alumni Association Primary School	1.5	7	61	61	61	61	61			
A63	Silver Field Garden Block 17	1.5	3	61	61	61					
A64	La Grove Block 1	1.5	20	62	61	61	61	61	61		
A65	Ma Tin Tsuen House 242	1.5	3	61	61	61					
A66	Teng Lung Villa	1.5	3	61	61	61					
A67	Yuen Long Baptist Church	1.5	2	62	61	61					
A68	Fraser Village House 54	1.5	2	62	61	61					
A69	The Brand	1.5	21	61	61	61	61	61	61		
A70	Sereno Verde Block 2	1.5	14	61	61	61	61	61	61		
A71	La Pradera Block 12	1.5	15	61	61	61	61	61			
A72	The Reach Tower 2	1.5	25	61	61	61	61	61	61		
A73	The Reach Tower 6	1.5	25	61	61	61	61	61	61		
A74	Tai Kei Leng House 145	1.5	2	61	61	61					
A75	Christian & Missionary Alliance Chui Chak Lam Memorial School	1.5	8	61	61	61	61	61			
A76	Grand de Sol Block 15	1.5	12	61	61	61	61	61	61		
A77	Grand de Sol Block 8	1.5	12	61	61	61	61	61			
A78	Hoover Garden Block 4	1.5	3	61	61	61					
A79	Ha Yau Tin Tsuen House 2	1.5	3	61	61	61					
A80	Buddhist Wing Yan School	1.5	8	61	61	61	61	61			
A81	Fortune Centre	1.5	22	62	62	61	61	61	61		
A82	YOHO Town Block 6	1.5	34	61	61	61	61	61	61	61	
A83	YOHO Town Block 9	1.5	35	62	62	62	62	61	61	61	
A84	YOHO Midtown Block 5	15	33				62	62	61	61	
A84a	Shopping Mall under YOHO Midtown (Fresh Air Intake)	6	-		62						

Cumulative Annual FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	25.3	25.3	25.3					
A3	House no. 95, Tai Tao Tsuen	1.5	3	25.4	25.4	25.3					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	25.2	25.3						
A6	House no. 176A, Fui Sha Wai	1.5	3	25.2	25.2	25.2					
A7	Village House, Ping Tong Street South	1.5	2	25.2	25.3	25.3					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	25.4	25.4						
A9	New Territories Assemblies of God Church	1.5	6	25.2	25.2	25.1	25.1	25.1			
A10	Block 10, Jasper Court	1.5	4	25.4	25.4	25.4	25.3				
A11	School	1.5	4	25.3	25.3	25.2	25.2	25.2			
A12	Village House, Lam Yu Road	1.5	1	25.3	25.3						
A13	Elchk Lutheran Academy	1.5	8	25.2	25.2	25.2	25.2	25.1			
A15	Village House, Lam Hei Road	1.5	1	25.4	25.3						
A16	Village House, Lam Hei Road	1.5	2	25.4	25.4	25.3					
A17	Sheltered Structure, Lam Hei Road	1.5	1	25.5	25.4						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	25.4	25.4						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	25.0	25.0	25.0					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	25.2	25.2	25.2					
A21	House no. 324, Shan Ha Tsuen	1.5	3	25.4	25.4	25.4					
A22	House no. 645, Shan Ha Tsuen	1.5	3	25.4	25.4	25.4					
A23	House no. 193, Kung Um Road	1.5	3	25.2	25.2	25.1					
A24	House no. 132, Sun Mei Garden	1.5	4	25.6	25.2	25.2	25.1				
A25	House no. 293, Kung Um Road	1.5	3	25.1	25.1	25.1					
A26	Block 10, Chun Fai Garden	1.5	3	25.1	25.1	25.1					
A27	House no. 161, Kung Um Road	1.5	3	25.1	25.1	25.1					
A28	Village House, Kung Um Road	1.5	3	25.0	25.0	25.0					
A29	House no. 366A, Kung Um Road	1.5	3	25.0	25.0	25.0					
A30	Sheltered Structure, Kung Um Road	1.5	3	25.4	25.4	25.4					
A31	House no. 31B, Kung Um Road	1.5	3	25.2	25.2	25.2					
A32	House no. 241, Kiu Hing Road	1.5	3	25.2	25.2	25.2					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	25.1	25.1	25.1					
A34	House no. 128, Kung Um Road	1.5	2	25.4	25.4	25.4					
A35	House no. 117, Kung Um Road	1.5	1	26.2	26.2						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	25.9	25.9						
A37	Uptown Tower 1	1.5	19	25.3	25.3	25.2	25.1	25.0	24.7		
A38	Chinese Mission Seminary	1.5	2	25.0	25.0	25.0					
A39	Fui Sha Wai Playground	1.5	1	25.1	25.0						
A40	Tower 8, Imperial Villas II	1.5	5	25.1	25.1	25.0	25.0				
A41	Energy Industrial Centre Block B	1.5	3	26.7	26.5	25.7					
A42	Block 1, Parkside Villa	5	11		25.3	25.2	25.2	25.1			
A43	Block 2, Emerald Green	1.5	25	25.2	25.1	25.1	25.1	25.1	25.0		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	25.3	25.3	25.2					
A45	House no. 139A	1.5	3	25.4	25.4	25.4					
A46	House no. 101, Sham Chung Tsuen	1.5	3	25.3	25.3	25.3					
A47	Meadowlands Block 33	1.5	5	25.6	25.6	25.6	25.6				
A48	Po Kok Branch School	1.5	3	25.6	25.6	25.6	25.6				
A49	Treasure Court Block 7	1.5	6	24.9	24.9	24.9	24.8	24.8			
A50	Beauty Court Block 2	1.5	11	25.0	24.9	24.8	24.8	24.8			
A51	Park Nara Tower 1	1.5	12	25.0	25.0	24.9	24.9	24.8			
A52	Hung Uk Garden	1.5	3	24.9	24.9	24.9					
A53	Green Lodge House 16	1.5	3	25.2	25.2	25.1					
A54	Ping Shan Garden Block 6	1.5	3	25.1	25.1	25.0					
A55	Villa Sunshine Block 1	1.5	4	25.2	25.1	25.0	25.0				
A56	Park Royale Block 10	5	11		25.0	24.9	24.9	24.9			
A57	Park Royale Block 2	5	11		25.1	25.0	24.9	24.9			
A58	Po Leung Kuk Law's Foundation School	1.5	2	25.1	25.1	25.1					
A59	Yuen Long Public Secondary School	1.5	8	25.1	25.1	25.1	25.1	25.0			
A60	Villa Art Deco Block 2	1.5	12	25.2	25.1	25.1	25.0	25.0			

Operational Air Quality Assessment Results (Year 2027)

Cumulative 10th highest 24-hour FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
W-A9	Block 1, Marbella Garden	1.5	5	62	62	62	62				
W-A11	Kisland Villa Phase 2	1.5	5	62	62	62	62				
W-A13	Sha Tseng Tsuen	1.5	4	62	62	62	62				
W-A14	Sha Tseng Tsuen	1.5	4	62	62	62	62				
Planned ASRs - PDA Area 2 and Area 3											
E-P1	Planned Residential	1.5	34	61	61	61	61	61	61	61	
E-P5	Planned Residential	1.5	34	61	61	61	61	61	61	61	

Note:
For A84a, A84d, A105_FA, and A150a, the predicted concentrations at their fresh air intakes at 6m, 2m, 4m and 8m above ground are presented respectively.

Cumulative Annual FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
W-A9	Block 1, Marbella Garden	1.5	5	25.0	25.0	25.0	25.0				
W-A11	Kisland Villa Phase 2	1.5	5	25.0	25.0	25.0	25.0				
W-A13	Sha Tseng Tsuen	1.5	4	25.1	25.1	25.1	25.1				
W-A14	Sha Tseng Tsuen	1.5	4	25.2	25.2	25.2	25.2				
Planned ASRs - PDA Area 2 and Area 3											
E-P1	Planned Residential	1.5	34	25.1	25.1	25.1	25.1	25.1	25.0	24.9	
E-P5	Planned Residential	1.5	34	25.1	25.1	25.1	25.1	25.1	25.0	25.0	

Operational Air Quality Assessment Results (Year 2042, with Recommended Direct Technical Noise Remedies)

Cumulative 19th highest 1-hour NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	103	102	101					
A3	House no. 95, Tai Tao Tsuen	1.5	3	108	107	105					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	109	109						
A6	House no. 176A, Fui Sha Wai	1.5	3	110	110	105					
A7	Village House, Ping Tong Street South	1.5	2	113	112	110					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	120	119						
A9	New Territories Assemblies of God Church	1.5	6	105	105	103	103	102			
A10	Block 10, Jasper Court	1.5	4	112	112	111	109				
A11	School	1.5	4	109	109	107	106	105			
A12	Village House, Lam Yu Road	1.5	1	115	115						
A13	Elchk Lutheran Academy	1.5	8	107	107	106	105	104			
A15	Village House, Lam Hei Road	1.5	1	120	120						
A16	Village House, Lam Hei Road	1.5	2	119	119	118					
A17	Sheltered Structure, Lam Hei Road	1.5	1	120	119						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	121	118						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	102	101	101					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	114	109	106					
A21	House no. 324, Shan Ha Tsuen	1.5	3	99	99	98					
A22	House no. 645, Shan Ha Tsuen	1.5	3	96	96	96					
A23	House no. 193, Kung Um Road	1.5	3	115	115	115					
A24	House no. 132, Sun Mei Garden	1.5	4	114	113	108	105				
A25	House no. 293, Kung Um Road	1.5	3	106	106	105					
A26	Block 10, Chun Fai Garden	1.5	3	107	107	107					
A27	House no. 161, Kung Um Road	1.5	3	107	107	107					
A28	Village House, Kung Um Road	1.5	3	107	107	106					
A29	House no. 366A, Kung Um Road	1.5	3	105	104	103					
A30	Sheltered Structure, Kung Um Road	1.5	3	96	96	95					
A31	House no. 31B, Kung Um Road	1.5	3	105	105	104					
A32	House no. 241, Kiu Hing Road	1.5	3	103	103	102					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	101	101	101					
A34	House no. 128, Kung Um Road	1.5	2	92	92	92					
A35	House no. 117, Kung Um Road	1.5	1	95	95						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	96	96						
A37	Uptown Tower 1	1.5	19	106	103	99	97	96	91		
A38	Chinese Mission Seminary	1.5	2	100	99	98					
A39	Fui Sha Wai Playground	1.5	1	104	103						
A40	Tower 8, Imperial Villas II	1.5	5	100	98	98	97				
A41	Energy Industrial Centre Block B	1.5	3	101	100	99					
A42	Block 1, Parkside Villa	5	11		113	108	103	102			
A43	Block 2, Emerald Green	1.5	25	116	116	115	115	113	110		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	120	119	117					
A45	House no. 139A	1.5	3	118	118	118					
A46	House no. 101, Sham Chung Tsuen	1.5	3	118	118	116					
A47	Meadowlands Block 33	1.5	5	103	103	102	102				
A48	Po Kok Branch School	1.5	3	107	106	103	102				
A49	Treasure Court Block 7	1.5	6	107	106	104	102	100			
A50	Beauty Court Block 2	1.5	11	106	105	103	100	99			
A51	Park Nara Tower 1	1.5	12	108	107	104	102	100			
A52	Hung Uk Garden	1.5	3	97	97	97					
A53	Green Lodge House 16	1.5	3	105	105	104					
A54	Ping Shan Garden Block 6	1.5	3	111	111	111					
A55	Villa Sunshine Block 1	1.5	4	112	112	110	110				
A56	Park Royale Block 10	5	11		113	111	110	108			
A57	Park Royale Block 2	5	11		114	109	108	107			
A58	Po Leung Kuk Law's Foundation School	1.5	2	108	107	104					
A59	Yuen Long Public Secondary School	1.5	8	107	105	103	102	101			
A60	Villa Art Deco Block 2	1.5	12	105	104	103	101	101			
A61	Gertrude Simon Lutheran College	1.5	8	120	117	114	112	111			
A62	Yuen Long Public Middle School Alumni Association Primary School	1.5	7	124	119	117	114	113			
A63	Silver Field Garden Block 17	1.5	3	120	117	116					
A64	La Grove Block 1	1.5	20	119	118	116	114	112	110		
A65	Ma Tin Tsuen House 242	1.5	3	118	118	116					
A66	Teng Lung Villa	1.5	3	117	115	115					
A67	Yuen Long Baptist Church	1.5	2	115	114	114					
A68	Fraser Village House 54	1.5	2	119	118	116					
A69	The Brand	1.5	21	117	117	116	115	115	109		
A70	Sereno Verde Block 2	1.5	14	111	110	109	109	108			
A71	La Pradera Block 12	1.5	15	108	108	107	106	105			
A72	The Reach Tower 2	1.5	25	107	106	105	105	104	100		
A73	The Reach Tower 6	1.5	25	113	113	110	108	106	100		
A74	Tai Kei Leng House 145	1.5	2	111	110	108					
A75	Christian & Missionary Alliance Chui Chak Lam Memorial School	1.5	8	111	110	108	108	105			
A76	Grand de Sol Block 15	1.5	12	109	107	106	105	105			
A77	Grand de Sol Block 8	1.5	12	109	109	109	108	107			
A78	Hoover Garden Block 4	1.5	3	110	109	108					
A79	Ha Yau Tin Tsuen House 2	1.5	3	106	106	106					
A80	Buddhist Wing Yan School	1.5	8	110	109	108	108	107			
A81	Fortune Centre	1.5	22	109	108	108	106	105	100		
A82	YOHO Town Block 6	1.5	34	104	104	104	104	103	99	99	
A83	YOHO Town Block 9	1.5	35	106	106	105	104	103	100	99	
A84	YOHO Midtown Block 5	15	33				107	105	100	100	
A84a	Shopping Mall under YOHO Midtown (Fresh Air Intake)	6	-		114						

Cumulative Annual NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	26.9	26.8	26.4					
A3	House no. 95, Tai Tao Tsuen	1.5	3	28.4	28.1	27.1					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	27.7	27.8						
A6	House no. 176A, Fui Sha Wai	1.5	3	27.8	27.8	27.4					
A7	Village House, Ping Tong Street South	1.5	2	28.1	28.3	28.3					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	33.0	31.0						
A9	New Territories Assemblies of God Church	1.5	6	26.7	26.5	25.9	25.4	25.0			
A10	Block 10, Jasper Court	1.5	4	29.0	28.9	28.3	27.5				
A11	School	1.5	4	26.7	26.5	26.1	26.0	25.3			
A12	Village House, Lam Yu Road	1.5	1	27.2	27.5						
A13	Elchk Lutheran Academy	1.5	8	26.2	26.1	25.7	25.6	25.0			
A15	Village House, Lam Hei Road	1.5	1	30.3	30.1						
A16	Village House, Lam Hei Road	1.5	2	30.1	29.9	29.3					
A17	Sheltered Structure, Lam Hei Road	1.5	1	32.2	31.5						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	30.9	30.2						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	24.6	24.5	24.2					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	28.1	27.3	26.5					
A21	House no. 324, Shan Ha Tsuen	1.5	3	22.3	22.2	22.0					
A22	House no. 645, Shan Ha Tsuen	1.5	3	22.0	21.9	21.8					
A23	House no. 193, Kung Um Road	1.5	3	28.1	28.0	27.5					
A24	House no. 132, Sun Mei Garden	1.5	4	26.4	24.3	22.8	22.0				
A25	House no. 293, Kung Um Road	1.5	3	22.4	22.3	22.0					
A26	Block 10, Chun Fai Garden	1.5	3	22.2	22.0	21.5					
A27	House no. 161, Kung Um Road	1.5	3	21.5	21.4	21.0					
A28	Village House, Kung Um Road	1.5	3	20.4	20.3	20.3					
A29	House no. 366A, Kung Um Road	1.5	3	21.1	21.1	20.9					
A30	Sheltered Structure, Kung Um Road	1.5	3	20.5	20.4	20.2					
A31	House no. 31B, Kung Um Road	1.5	3	21.1	20.9	20.4					
A32	House no. 241, Kiu Hing Road	1.5	3	21.0	20.7	20.1					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	19.6	19.5	19.4					
A34	House no. 128, Kung Um Road	1.5	2	19.1	19.1	19.1					
A35	House no. 117, Kung Um Road	1.5	1	19.4	19.4						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	25.8	25.4						
A37	Uptown Tower 1	1.5	19	28.0	27.0	25.8	24.6	23.5	20.6		
A38	Chinese Mission Seminary	1.5	2	24.7	24.5	24.0					
A39	Fui Sha Wai Playground	1.5	1	25.7	25.1						
A40	Tower 8, Imperial Villas II	1.5	5	25.4	25.0	24.3	23.8				
A41	Energy Industrial Centre Block B	1.5	3	26.2	25.4	25.0					
A42	Block 1, Parkside Villa	5	11		27.3	26.0	25.4	24.7			
A43	Block 2, Emerald Green	1.5	25	27.8	27.4	27.0	26.8	26.4	24.3		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	30.7	30.0	28.5					
A45	House no. 139A	1.5	3	30.3	30.3	29.9					
A46	House no. 101, Sham Chung Tsuen	1.5	3	29.8	29.5	28.7					
A47	Meadowlands Block 33	1.5	5	27.9	27.0	26.3	25.9				
A48	Po Kok Branch School	1.5	3	28.5	27.8	26.9	26.4				
A49	Treasure Court Block 7	1.5	6	27.7	27.3	26.2	25.0	24.1			
A50	Beauty Court Block 2	1.5	11	27.1	26.5	25.3	24.4	23.7			
A51	Park Nara Tower 1	1.5	12	27.5	27.0	25.9	24.9	24.1			
A52	Hung Uk Garden	1.5	3	23.4	23.3	23.1					
A53	Green Lodge House 16	1.5	3	25.7	25.6	25.4					
A54	Ping Shan Garden Block 6	1.5	3	28.5	28.1	27.3					
A55	Villa Sunshine Block 1	1.5	4	29.2	28.6	27.4	26.7				
A56	Park Royale Block 10	5	11		27.6	26.5	25.8	25.4			
A57	Park Royale Block 2	5	11		28.8	27.4	26.5	25.9			

Operational Air Quality Assessment Results (Year 2042, with Recommended Direct Technical Noise Remedies)

Cumulative 19th highest 1-hour NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)									
				1.5	5	10	15	20	50	80	120		
W-A9	Block 1, Marbella Garden	1.5	5	101	101	101	101						
W-A11	Kisland Villa Phase 2	1.5	5	105	104	102	101						
W-A13	Sha Tseng Tsuen	1.5	4	107	105	104	104						
W-A14	Sha Tseng Tsuen	1.5	4	109	108	107	107						
Planned ASRs - PDA Area 2 and Area 3													
E-P1	Planned Residential	1.5	34	114	114	114	113	113	106	105			
E-P2	Planned Residential	1.5	32	116	116	115	114	113	106	105			
E-P5	Planned Residential	1.5	34	108	107	107	105	102	100	100			
E-P6	Planned Residential	1.5	34	100	99	98	97	96	95	94			
E-P7	Planned Residential	1.5	31	98	97	97	96	95	95	94			
E-P8	Planned Residential	1.5	28	107	107	106	105	104	100	100			
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	109	107	106	106	105					
E-P15	Planned School	1.5	8	107	107	106	105	103					
E-P17	Planned School	1.5	8	107	106	105	105	105					
E-P19	Planned Residential	1.5	11	110	109	106	106	106					
E-P20	Planned Residential	1.5	20	98	98	97	96	96	95				
E-P21	Planned Residential	1.5	22	106	106	104	102	101	100				
E-P23	Planned Residential	1.5	22	97	97	96	96	96	95				
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	102	100	97	97	96					
E-P29	Planned Residential	1.5	11	98	98	97	96	96					
E-P31	Planned Residential	1.5	22	94	94	94	93	92	90				
E-P32	Planned Residential	1.5	20	105	104	103	102	101	101				
E-P33	Planned Residential	1.5	17	91	91	90	90	90	90				
E-P34	Planned Residential	1.5	20	95	95	94	94	92	90				
E-P40	Planned Residential	1.5	18	95	94	92	90	90	90				
E-P42	Planned Residential	1.5	11	94	93	91	90	90					
E-P45	Planned School	1.5	8	97	96	93	92	92					
E-P46	Planned Residential	1.5	8	103	102	101	101	101					
E-P47	Planned Residential	1.5	9	93	92	92	92	91					
Planned ASRs - PDA Area 1													
W-P2	Planned Residential	1.5	4	98	98	98	96						
W-P4	Planned Residential	1.5	4	96	95	94	94						
W-P6	Planned Residential	1.5	3	97	96	95							
W-P7	Planned Residential	1.5	4	99	99	95	94						
W-P9	Planned Residential	1.5	4	98	98	97	96						
W-P10	Planned Residential	1.5	5	99	99	99	99						
W-P11	Planned Residential	1.5	4	101	100	99	99						
W-P12	Planned Residential	1.5	4	102	100	99	99						
W-P14	Planned Residential	1.5	4	100	100	101	102						
W-P16	Planned Residential	1.5	5	96	96	96	96						
W-P17	Planned Residential	1.5	4	101	100	100	100						
W-P20	Planned Social Welfare Facility	1.5	4	106	105	103	102	102					
W-P21	Planned Residential	1.5	12	107	106	105	104	101					
W-P22	Planned Residential	1.5	12	106	106	104	103	101					
W-P25	Planned Residential	1.5	4	107	105	104	101						
W-P26	Planned Residential	1.5	4	105	105	104	102						
W-P27	Planned Residential	1.5	4	98	98	97	96						
W-P29	Planned Residential	1.5	5	97	97	96	96						
W-P31	Planned Residential	1.5	4	96	95	94	94						

Note:
For A84a, A84d, A105_FA, and A150a, the predicted concentrations at their fresh air intakes at 6m, 2m, 4m and 8m above ground are presented respectively.

Cumulative Annual NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)									
				1.5	5	10	15	20	50	80	120		
W-A9	Block 1, Marbella Garden	1.5	5	24.7	24.5	24.2	23.9						
W-A11	Kisland Villa Phase 2	1.5	5	25.7	25.2	24.7	24.4						
W-A13	Sha Tseng Tsuen	1.5	4	26.9	26.4	25.7	25.3						
W-A14	Sha Tseng Tsuen	1.5	4	27.7	27.6	27.0	26.6						
Planned ASRs - PDA Area 2 and Area 3													
E-P1	Planned Residential	1.5	34	27.5	27.4	27.1	26.8	26.3	24.1	23.2			
E-P2	Planned Residential	1.5	32	28.8	28.5	27.7	27.0	26.3	24.1	23.2			
E-P5	Planned Residential	1.5	34	23.4	22.9	22.2	21.7	21.3	19.8	19.1			
E-P6	Planned Residential	1.5	34	25.0	24.4	23.1	22.1	21.5	20.0	19.4			
E-P7	Planned Residential	1.5	31	23.7	23.3	22.4	21.6	21.1	19.9	19.4			
E-P8	Planned Residential	1.5	28	22.7	22.3	21.6	21.2	20.9	19.7	19.1			
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	23.0	22.3	21.4	21.0	20.7					
E-P15	Planned School	1.5	8	21.5	21.3	21.0	20.7	20.4					
E-P17	Planned School	1.5	8	21.2	21.0	20.7	20.4	20.2					
E-P19	Planned Residential	1.5	11	22.1	21.9	21.5	21.0	20.6					
E-P20	Planned Residential	1.5	20	22.4	22.0	21.5	21.1	20.9	19.9				
E-P21	Planned Residential	1.5	22	21.0	20.9	20.8	20.7	20.5	19.5				
E-P23	Planned Residential	1.5	22	22.0	21.9	21.5	21.2	20.9	19.8				
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	25.6	24.2	22.3	21.4	20.9					
E-P29	Planned Residential	1.5	11	22.2	22.0	21.5	21.0	20.7					
E-P31	Planned Residential	1.5	22	20.9	20.7	20.2	19.8	19.6	18.9				
E-P32	Planned Residential	1.5	20	21.1	20.8	20.4	19.9	19.6	18.9				
E-P33	Planned Residential	1.5	17	20.9	20.8	20.4	20.1	19.8	18.9				
E-P34	Planned Residential	1.5	20	21.7	21.5	20.8	20.2	19.7	18.9				
E-P40	Planned Residential	1.5	18	21.4	20.8	19.9	19.5	19.3	18.8				
E-P42	Planned Residential	1.5	11	20.4	20.3	19.9	19.6	19.4					
E-P45	Planned School	1.5	8	21.4	20.5	19.7	19.4	19.2					
E-P46	Planned Residential	1.5	8	20.2	20.1	19.8	19.6	19.4					
E-P47	Planned Residential	1.5	9	19.9	19.7	19.4	19.2	19.1					
Planned ASRs - PDA Area 1													
W-P2	Planned Residential	1.5	4	23.5	23.1	22.6	22.2						
W-P4	Planned Residential	1.5	4	21.8	21.7	21.4	21.1						
W-P6	Planned Residential	1.5	3	22.1	21.7	21.2							
W-P7	Planned Residential	1.5	4	23.1	22.3	21.4	21.0						
W-P9	Planned Residential	1.5	4	21.9	21.8	21.6	21.4						
W-P10	Planned Residential	1.5	5	23.2	22.9	22.5	22.3						
W-P11	Planned Residential	1.5	4	24.1	23.2	22.7	22.4						
W-P12	Planned Residential	1.5	4	25.3	24.1	23.6	23.4						
W-P14	Planned Residential	1.5	4	24.9	24.7	24.4	24.0						
W-P16	Planned Residential	1.5	5	22.8	22.4	22.0	21.6						
W-P17	Planned Residential	1.5	4	24.8	24.5	24.2	23.8						
W-P20	Planned Social Welfare Facility	1.5	4	26.2	25.5	25.0	24.6	24.2					
W-P21	Planned Residential	1.5	12	26.9	26.7	26.0	25.1	24.4					
W-P22	Planned Residential	1.5	12	26.6	26.2	25.4	24.8	24.3					
W-P25	Planned Residential	1.5	4	26.9	26.3	24.8	24.0						
W-P26	Planned Residential	1.5	4	25.1	24.9	24.5	24.0						
W-P27	Planned Residential	1.5	4	23.9	23.4	22.4	21.8						
W-P29	Planned Residential	1.5	5	22.8	22.3	21.5	21.0						
W-P31	Planned Residential	1.5	4	21.1	21.0	20.8	20.6						

Operational Air Quality Assessment Results (Year 2042, with Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	81	81	81					
A3	House no. 95, Tai Tao Tsuen	1.5	3	81	81	81					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	81	81						
A6	House no. 176A, Fui Sha Wai	1.5	3	81	81	81					
A7	Village House, Ping Tong Street South	1.5	2	82	82	82					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	83	83						
A9	New Territories Assemblies of God Church	1.5	6	83	83	82	82	82			
A10	Block 10, Jasper Court	1.5	4	83	83	83	83				
A11	School	1.5	4	82	82	82	82	82			
A12	Village House, Lam Yu Road	1.5	1	83	83						
A13	Elchk Lutheran Academy	1.5	8	82	82	82	82	82			
A15	Village House, Lam Hei Road	1.5	1	82	82						
A16	Village House, Lam Hei Road	1.5	2	82	82	82					
A17	Sheltered Structure, Lam Hei Road	1.5	1	82	82						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	82	82						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	82	82	82					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	83	82	82					
A21	House no. 324, Shan Ha Tsuen	1.5	3	84	84	84					
A22	House no. 645, Shan Ha Tsuen	1.5	3	84	84	84					
A23	House no. 193, Kung Um Road	1.5	3	82	82	82					
A24	House no. 132, Sun Mei Garden	1.5	4	82	82	82	82				
A25	House no. 293, Kung Um Road	1.5	3	82	82	82					
A26	Block 10, Chun Fai Garden	1.5	3	82	82	82					
A27	House no. 161, Kung Um Road	1.5	3	82	82	82					
A28	Village House, Kung Um Road	1.5	3	81	81	81					
A29	House no. 366A, Kung Um Road	1.5	3	82	82	82					
A30	Sheltered Structure, Kung Um Road	1.5	3	85	85	85					
A31	House no. 31B, Kung Um Road	1.5	3	82	82	82					
A32	House no. 241, Kiu Hing Road	1.5	3	82	82	82					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	82	82	82					
A34	House no. 128, Kung Um Road	1.5	2	85	85	85					
A35	House no. 117, Kung Um Road	1.5	1	86	86						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	83	83						
A37	Uptown Tower 1	1.5	19	81	81	81	81	81	81		
A38	Chinese Mission Seminary	1.5	2	81	81	81					
A39	Fui Sha Wai Playground	1.5	1	81	81						
A40	Tower 8, Imperial Villas II	1.5	5	82	82	81	81				
A41	Energy Industrial Centre Block B	1.5	3	90	89	84					
A42	Block 1, Parkside Villa	5	11		82	82	82	82			
A43	Block 2, Emerald Green	1.5	25	82	82	82	82	82	81		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	82	82	82					
A45	House no. 139A	1.5	3	82	82	82					
A46	House no. 101, Sham Chung Tsuen	1.5	3	82	82	82					
A47	Meadowlands Block 33	1.5	5	82	82	82	82				
A48	Po Kok Branch School	1.5	3	82	82	82	82				
A49	Treasure Court Block 7	1.5	6	81	81	81	81	81			
A50	Beauty Court Block 2	1.5	11	81	81	81	81	81			
A51	Park Nara Tower 1	1.5	12	81	81	81	81	81	81		
A52	Hung Uk Garden	1.5	3	81	81	81					
A53	Green Lodge House 16	1.5	3	82	82	82					
A54	Ping Shan Garden Block 6	1.5	3	82	82	82					
A55	Villa Sunshine Block 1	1.5	4	82	82	82	82				
A56	Park Royale Block 10	5	11		81	81	81	81			
A57	Park Royale Block 2	5	11		81	81	81	81			
A58	Po Leung Kuk Law's Foundation School	1.5	2	82	82	82					
A59	Yuen Long Public Secondary School	1.5	8	82	82	82	82	82			
A60	Villa Art Deco Block 2	1.5	12	82	82	82	82	82			
A61	Gertrude Simon Lutheran College	1.5	8	82	82	81	81	81			
A62	Yuen Long Public Middle School Alumni Association Primary School	1.5	7	82	81	81	81	81			
A63	Silver Field Garden Block 17	1.5	3	82	82	82					
A64	La Grove Block 1	1.5	20	82	82	82	82	81	81		
A65	Ma Tin Tsuen House 242	1.5	3	82	82	82					
A66	Teng Lung Villa	1.5	3	82	82	82					
A67	Yuen Long Baptist Church	1.5	2	82	82	82					
A68	Fraser Village House 54	1.5	2	82	82	82					
A69	The Brand	1.5	21	82	82	82	82	82	81		
A70	Sereno Verde Block 2	1.5	14	81	81	81	81	81			
A71	La Pradera Block 12	1.5	15	81	81	81	81	81			
A72	The Reach Tower 2	1.5	25	81	81	81	81	81	81		
A73	The Reach Tower 6	1.5	25	81	81	81	81	81	81		
A74	Tai Kei Leng House 145	1.5	2	81	81	81					
A75	Christian & Missionary Alliance Chui Chak Lam Memorial School	1.5	8	81	81	81	81	81			
A76	Grand de Sol Block 15	1.5	12	81	81	81	81	81	81		
A77	Grand de Sol Block 8	1.5	12	81	81	81	81	81			
A78	Hoover Garden Block 4	1.5	3	81	81	81					
A79	Ha Yau Tin Tsuen House 2	1.5	3	81	81	81					
A80	Buddhist Wing Yan School	1.5	8	81	81	81	81	81			
A81	Fortune Centre	1.5	22	82	82	82	82	82	82		
A82	YOHO Town Block 6	1.5	34	81	81	81	81	81	81	81	
A83	YOHO Town Block 9	1.5	35	82	82	82	82	82	82	82	
A84	YOHO Midtown Block 5	15	33				82	82	82	82	
A84a	Shopping Mall under YOHO Midtown (Fresh Air Intake)	6	-		82						

Cumulative Annual RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	35.0	35.0	35.0					
A3	House no. 95, Tai Tao Tsuen	1.5	3	35.1	35.1	35.0					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	35.1	35.1						
A6	House no. 176A, Fui Sha Wai	1.5	3	35.1	35.1	35.1					
A7	Village House, Ping Tong Street South	1.5	2	35.3	35.3	35.3					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	35.5	35.5						
A9	New Territories Assemblies of God Church	1.5	6	35.3	35.3	35.2	35.2	35.2			
A10	Block 10, Jasper Court	1.5	4	35.4	35.3	35.3	35.3				
A11	School	1.5	4	35.2	35.2	35.2	35.2	35.2			
A12	Village House, Lam Yu Road	1.5	1	35.3	35.3						
A13	Elchk Lutheran Academy	1.5	8	35.2	35.2	35.2	35.2	35.1			
A15	Village House, Lam Hei Road	1.5	1	35.4	35.3						
A16	Village House, Lam Hei Road	1.5	2	35.3	35.3	35.3					
A17	Sheltered Structure, Lam Hei Road	1.5	1	35.4	35.4						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	35.4	35.3						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	35.1	35.1	35.1					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	35.3	35.2	35.2					
A21	House no. 324, Shan Ha Tsuen	1.5	3	35.7	35.7	35.7					
A22	House no. 645, Shan Ha Tsuen	1.5	3	35.7	35.7	35.7					
A23	House no. 193, Kung Um Road	1.5	3	35.2	35.2	35.2					
A24	House no. 132, Sun Mei Garden	1.5	4	35.4	35.3	35.3	35.3				
A25	House no. 293, Kung Um Road	1.5	3	35.3	35.3	35.2					
A26	Block 10, Chun Fai Garden	1.5	3	35.3	35.2	35.2					
A27	House no. 161, Kung Um Road	1.5	3	35.2	35.2	35.2					
A28	Village House, Kung Um Road	1.5	3	35.2	35.2	35.2					
A29	House no. 366A, Kung Um Road	1.5	3	35.2	35.2	35.2					
A30	Sheltered Structure, Kung Um Road	1.5	3	35.8	35.8	35.8					
A31	House no. 31B, Kung Um Road	1.5	3	35.4	35.4	35.4					
A32	House no. 241, Kiu Hing Road	1.5	3	35.4	35.4	35.4					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	35.4	35.4	35.4					
A34	House no. 128, Kung Um Road	1.5	2	35.7	35.7	35.7					
A35	House no. 117, Kung Um Road	1.5	1	36.8	36.8						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	35.9	35.9						
A37	Uptown Tower 1	1.5	19	35.0	35.0	34.9	34.9	34.8	34.7		
A38	Chinese Mission Seminary	1.5	2	34.9	34.9	34.9					
A39	Fui Sha Wai Playground	1.5	1	35.0	35.0						
A40	Tower 8, Imperial Villas II	1.5	5	35.2	35.2	35.1	35.1				
A41	Energy Industrial Centre Block B	1.5	3	39.9	39.5	37.3					
A42	Block 1, Parkside Villa	5	11		35.2	35.2	35.2	35.1			
A43	Block 2, Emerald Green	1.5	25	35.2	35.2	35.2	35.2	35.2	35.1		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	35.3	35.3	35.2					
A45	House no. 139A	1.5	3	35.4	35.4	35.3					
A46	House no. 101, Sham Chung Tsuen	1.5	3	35.3	35.3	35.3					
A47	Meadowlands Block 33	1.5	5	35.9	35.9	35.8	35.8				
A48	Po Kok Branch School	1.5	3	35.9	35.9	35.9	35.9				
A49	Treasure Court Block 7	1.5	6	34.8	34.8	34.8	34.8	34.7			
A50	Beauty Court Block 2	1.5	11	34.8	34.8	34.8	34.7	34.7			
A51	Park Nara Tower 1	1.5	12	34.9	34.8	34.8	34.8	34.8	34.7		
A52	Hung Uk Garden	1.5	3	34.9	34.9	34.9					
A53	Green Lodge House 16	1.5	3	35.2	35.2	35.2					
A54	Ping Shan Garden Block 6	1.5	3	35.0	35.0	34.9					
A55	Villa Sunshine Block 1	1.5	4	35.0	35.0	34.9	34.9				
A56	Park Royale Block 10	5	11		34.9	34.9	34.9	34.8			
A57	Park Royale Block 2	5	11		35.0	34.9	34.9	34.9			
A58	Po Leung Kuk Law's Foundation School	1.5	2	35.1	35.1	35.1					
A59	Yuen Long Public Secondary School	1.5	8	35.1	35.1	35.1	35.1	35.1			
A60	Villa Art Deco Block 2	1.5	12	35.2	35.1	35.1	35.1	35.1	</		

Operational Air Quality Assessment Results (Year 2042, with Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)															
				1.5	5	10	15	20	50	80	120								
A84b	Shopping Mall under YOHO Midtown (Fresh Air Intake)	15	-					82											
A84c	Shopping Mall under YOHO Midtown (Fresh Air Intake)	20	-						82										
A84d	Kindergarten under YOHO Midtown (Fresh Air Intake)	2	-		82														
A85	Ho Shun Yee Building Block 2	1.5	20	82	82	82	82	82	82	82									
A86	Cheong Wai Building	1.5	19	82	82	82	82	82	82	82									
A87	Kwong Ming Ying Loi School	1.5	7	82	82	82	82	82	82	82									
A88	Sun Yuen Long Centre Block 5	20	28							82	82								
A89	Tung Tau Tsuen House 2	1.5	3	82	82	82													
A90	Tai Wai Tsuen House 30	1.5	4	82	82	82	82												
A91	Small Traders New Village	1.5	2	82	82	82													
A92	Pok Oi Hospital	1.5	12	82	82	82	82	82	82										
A93	Yeung Uk Tsuen House 10	1.5	3	82	82	82													
A94	Chuk San Tsuen House 17	1.5	3	82	82	82													
A95	Greenfield Lodge Block 1	1.5	2	82	82	82													
A96	Kong Tau San Tsuen House 5	1.5	3	81	81	81													
A97	Tai Kei Leng House 414	1.5	1	81	81														
A98	Shung Ching San Tseun House 49	1.5	3	82	82	82													
A99	Silver Garden House 125B	1.5	3	82	82	82													
A100	Tin Liu Tsuen House 32	1.5	3	82	82	82													
A101	Pak Sha Tsuen	1.5	3	82	82	82													
A102	Wong Nai Tun Tsuen House 47C	1.5	3	82	82	82													
A103	Greenwood Gardens House 397	1.5	3	82	82	82													
A104	Park Signature Block 1	1.5	23	82	82	82	82	82	81										
A105_FA	Market of Hung Fuk Estate (Fresh Air Intake)	4	-		81														
A105_D	Market of Hung Fuk Estate (Welfare Facilities)	10	-			81													
A106	Village House along Kung Um Road	1.5	3	82	82	82													
A107	Village House along Kung Um Road	1.5	3	82	82	82													
A108	Shan Ha Tsuen House No. 342	1.5	3	84	84	84													
A109	Shan Ha Tsuen House No. 343A	1.5	3	84	84	84													
A110	Shan Ha Tsuen House No. 345C	1.5	3	82	82	82													
A111	Shan Ha Tsuen House No. 346	1.5	2	82	82	82													
A112	Shan Ha Tsuen House No. 611	1.5	3	84	84	84													
A113	Shan Ha Tsuen House No. 613F	1.5	3	84	84	84													
A114	Sheung Yau Tin Tsuen	1.5	1	81	81														
A115	Le Regent	1.5	3	81	81	81													
A116	Planned Long Bin Development	5	40		82	82	82	81	81	81	81								
A117	Planned Long Bin Development	5	40		83	82	82	82	82	82	82								
A118	Planned Long Bin Development	5	40		83	83	83	82	82	82	82								
A119	Proposed Hung Shui Kiu Development	5	29		81	81	81	81	81	81	81								
A120	Yee Fung Garden Block A	1.5	34	82	81	81	81	81	81	81	81								
A121	Ming Wan Court	1.5	11	82	82	82	82	82	82										
A122	Yuen Long Villa House No. 252	1.5	3	82	82	82													
A123	Sun Fai Court Block C	1.5	3	82	82	82													
A124	Caritas Yuen Long Chan Chun Ha Secondary School	1.5	6	82	81	81	81	81											
A125	Village House along Ma Tong Road	1.5	3	82	82	81													
A126	Proposed Hung Shui Kiu Development	5	29		81	81	81	81	81	81	81								
A127	Uptown House 30	1.5	3	81	81	81													
A128	The Woodside Tower 5	1.5	5	81	81	81	81	81											
A129	Shung Tak Catholic English College	1.5	8	81	81	81	81	81	81										
A130	Village House along Castle Peak Road	1.5	3	81	81	81													
A131	Regent's Park	1.5	3	82	82	82													
A132	One Hyde Park House 7	1.5	3	82	82	82													
A133	Pak Sha Tsuen	1.5	3	82	82	82													
A134	Shan Ha Tsuen House No. 330	1.5	3	84	84	84													
A135	Lam Hau Tsuen House No. 110	1.5	3	82	82	82													
A136	Evergreen Place Tower 5	1.5	4	82	82	82	82												
A137	Proposed Hung Shui Kiu Development	5	29		81	81	81	81	81	81	81								
A138	Lok Kui Lau	1.5	5	82	81	81	81	81											
A139	Ping Shan Home for The Aged	1.5	3	81	81	81													
A140	Sheltered Structure along Tai Shu Ha Road East	1.5	2	81	81	81													
A141	Village House along Tai Shu Ha Road West	1.5	2	81	81	81													
A142	Sheltered Structure near Shap Pat Heung Interchange	1.5	2	81	81	81													
A143	Kong Tau San Tsuen House No. 61	1.5	3	81	81	81													
A144	Pok Oi Hos. Jockey Club Care and Attention Home	1.5	7	82	82	82	82	82											
A145	Proposed Hung Shui Kiu Development	5	29		81	81	81	81	81	81	81								
A146	Hong Ping Villa Block 1	1.5	3	82	82	81													
A147	Tai On Home for Aged	1.5	3	82	82	81	81												
A148	Ming Sum Home for the Sen	1.5	3	82	82	82	82												
A149	Hung Fuk Estate	1.5	24	81	81	81	81	81	81	81									
A150	Grand Yoho Block 1	20	34							82	82	82							
A150a	Shopping Mall under Grand Yoho (Fresh Air Intake)	8	-		82														
A151	Grand Yoho Block 5	20	40							82	82	82	82						
A152	Grand Yoho Block 9	20	41							82	82	82	82						
A152a	Shopping Mall under Grand Yoho (Fresh Air Intake)	10	-			82													
Existing ASRs (within PDA Boundary) - PDA Area 1																			
W-A1	House 33, Park Villa	1.5	3	81	81	81													
W-A2	House 11, Park Villa	1.5	3	81	81	81													
W-A3	Existing developments (under construction)	1.5	3	81	81	81													
W-A4	Existing developments (under construction)	1.5	3	81	81	81													
W-A5	Block 1, Recours La Serre	1.5	5	81	81	81	81												
W-A6	Block 2, The Parkhill	1.5	4	82	82	82	82												
W-A7	Block 7, Greenville Residence	1.5	5	82	82	82	82												
W-A8	Block 6, Windsor Garden	1.5	5	82	82	82	82												

Cumulative Annual RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)															
				1.5	5	10	15	20	50	80	120								
A84b	Shopping Mall under YOHO Midtown (Fresh Air Intake)	15	-																
A84c	Shopping Mall under YOHO Midtown (Fresh Air Intake)	20	-																
A84d	Kindergarten under YOHO Midtown (Fresh Air Intake)	2	-		35.1														
A85	Ho Shun Yee Building Block 2	1.5	20	35.0	35.0	34.9	34.9	34.9	34.8										
A86	Cheong Wai Building	1.5	19	35.1	35.1	35.0	34.9	34.9	34.8										
A87	Kwong Ming Ying Loi School	1.5	7	35.1	35.1	35.1	35.0	35.0											
A88	Sun Yuen Long Centre Block 5	20	28							34.9	34.8	34.7							
A89	Tung Tau Tsuen House 2	1.5	3	34.9	34.9	34.9													
A90	Tai Wai Tsuen House 30	1.5	4	35.0	35.0	34.9	34.9												
A91	Small Traders New Village	1.5	2	34.9	34.9	34.8	34.8												
A92	Pok Oi Hospital	1.5	12	35.0	35.0	34.8	34.7	34.7	34.6										
A93	Yeung Uk Tsuen House 10	1.5	3	34.7	34.7	34.7													
A94	Chuk San Tsuen House 17	1.5	3	35.1	35.1	35.1													
A95	Greenfield Lodge Block 1	1.5	2	35.1	35.1	35.1													
A96	Kong Tau San Tsuen House 5	1.5	3	34.8	34.8	34.8													
A97	Tai Kei Leng House 414	1.5	1	34.9	34.9														
A98	Shung Ching San Tseun House 49	1.5	3	35.3	35.3	35.2													
A99	Silver Garden House 125B	1.5	3	35.3	35.3	35.3													
A100	Tin Liu Tsuen House 32	1.5	3	35.2	35.2	35.2													
A101	Pak Sha Tsuen	1.5	3	35.4	35.4	35.4													
A102	Wong Nai Tun Tsuen House 47C</																		

Operational Air Quality Assessment Results (Year 2042, with Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)														
				1.5	5	10	15	20	50	80	120							
W-A9	Block 1, Marbella Garden	1.5	5	82	82	82	82	82	81	81								
W-A11	Kisland Villa Phase 2	1.5	5	82	82	82	82	82	81	81								
W-A13	Sha Tseng Tsuen	1.5	4	82	82	82	82											
W-A14	Sha Tseng Tsuen	1.5	4	83	83	83	83											
Planned ASRs - PDA Area 2 and Area 3																		
E-P1	Planned Residential	1.5	34	82	82	82	82	82	81	81								
E-P2	Planned Residential	1.5	32	82	82	82	82	82	81	81								
E-P5	Planned Residential	1.5	34	82	82	82	82	82	81	81								
E-P6	Planned Residential	1.5	34	84	84	84	84	84	84	84								
E-P7	Planned Residential	1.5	31	84	84	84	84	84	84	84								
E-P8	Planned Residential	1.5	28	82	82	82	82	82	81	81								
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	82	82	82	82	82										
E-P15	Planned School	1.5	8	82	82	82	82	81										
E-P17	Planned School	1.5	8	82	82	82	81	81										
E-P19	Planned Residential	1.5	11	82	82	82	82	82										
E-P20	Planned Residential	1.5	20	84	84	84	84	84	84									
E-P21	Planned Residential	1.5	22	82	82	82	82	82	81									
E-P23	Planned Residential	1.5	22	84	84	84	84	84	84									
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	84	84	84	84	84										
E-P29	Planned Residential	1.5	11	84	84	84	84	84										
E-P31	Planned Residential	1.5	22	85	85	85	85	85	85									
E-P32	Planned Residential	1.5	20	82	82	82	82	82	82									
E-P33	Planned Residential	1.5	17	85	85	85	85	85	85									
E-P34	Planned Residential	1.5	20	85	85	85	85	85	85									
E-P40	Planned Residential	1.5	18	85	85	85	85	85	85									
E-P42	Planned Residential	1.5	11	85	85	85	85	85										
E-P45	Planned School	1.5	8	85	85	85	85	85										
E-P46	Planned Residential	1.5	8	82	82	82	82	82										
E-P47	Planned Residential	1.5	9	85	85	85	85	85										
Planned ASRs - PDA Area 1																		
W-P2	Planned Residential	1.5	4	81	81	81	81											
W-P4	Planned Residential	1.5	4	83	83	83	83											
W-P6	Planned Residential	1.5	3	83	83	83												
W-P7	Planned Residential	1.5	4	83	83	83	83											
W-P9	Planned Residential	1.5	4	83	83	83	83											
W-P10	Planned Residential	1.5	5	81	81	81	81											
W-P11	Planned Residential	1.5	4	81	81	81	81											
W-P12	Planned Residential	1.5	4	82	82	82	82											
W-P14	Planned Residential	1.5	4	82	82	82	82											
W-P16	Planned Residential	1.5	5	84	84	84	84											
W-P17	Planned Residential	1.5	4	82	82	82	82											
W-P20	Planned Social Welfare Facility	1.5	4	82	82	82	82	82										
W-P21	Planned Residential	1.5	12	82	82	82	82	82										
W-P22	Planned Residential	1.5	12	82	82	82	82	82										
W-P25	Planned Residential	1.5	4	82	82	82	82											
W-P26	Planned Residential	1.5	4	82	82	82	82											
W-P27	Planned Residential	1.5	4	84	84	84	84											
W-P29	Planned Residential	1.5	5	84	84	84	84											
W-P31	Planned Residential	1.5	4	83	83	83	83											

Note:
For A84a, A84d, A105_FA, and A150a, the predicted concentrations at their fresh air intakes at 6m, 2m, 4m and 8m above ground are presented respectively.

Cumulative Annual RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)														
				1.5	5	10	15	20	50	80	120							
W-A9	Block 1, Marbella Garden	1.5	5	35.1	35.1	35.1	35.1											
W-A11	Kisland Villa Phase 2	1.5	5	35.1	35.1	35.1	35.1											
W-A13	Sha Tseng Tsuen	1.5	4	35.2	35.2	35.2	35.2											
W-A14	Sha Tseng Tsuen	1.5	4	35.3	35.3	35.2	35.2											
Planned ASRs - PDA Area 2 and Area 3																		
E-P1	Planned Residential	1.5	34	35.2	35.2	35.2	35.2	35.2	35.1	35.0								
E-P2	Planned Residential	1.5	32	35.2	35.2	35.2	35.2	35.2	35.1	35.0								
E-P5	Planned Residential	1.5	34	35.3	35.3	35.3	35.2	35.2	35.2	35.1								
E-P6	Planned Residential	1.5	34	35.8	35.8	35.7	35.7	35.7	35.6	35.6								
E-P7	Planned Residential	1.5	31	35.8	35.8	35.7	35.7	35.7	35.6	35.6								
E-P8	Planned Residential	1.5	28	35.3	35.2	35.2	35.2	35.2	35.2	35.1								
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	35.3	35.2	35.2	35.2	35.2										
E-P15	Planned School	1.5	8	35.2	35.2	35.2	35.2	35.2										
E-P17	Planned School	1.5	8	35.2	35.2	35.2	35.2	35.2										
E-P19	Planned Residential	1.5	11	35.2	35.2	35.2	35.2	35.2										
E-P20	Planned Residential	1.5	20	35.7	35.7	35.7	35.7	35.7	35.6									
E-P21	Planned Residential	1.5	22	35.2	35.2	35.2	35.2	35.2	35.2									
E-P23	Planned Residential	1.5	22	35.7	35.7	35.7	35.7	35.7	35.6									
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	35.8	35.8	35.7	35.7	35.7										
E-P29	Planned Residential	1.5	11	35.7	35.7	35.7	35.7	35.7										
E-P31	Planned Residential	1.5	22	35.8	35.8	35.8	35.7	35.7	35.7									
E-P32	Planned Residential	1.5	20	35.4	35.4	35.4	35.4	35.4	35.4									
E-P33	Planned Residential	1.5	17	35.8	35.8	35.8	35.8	35.7	35.7									
E-P34	Planned Residential	1.5	20	35.8	35.8	35.8	35.8	35.7	35.7									
E-P40	Planned Residential	1.5	18	35.8	35.8	35.7	35.7	35.7	35.7									
E-P42	Planned Residential	1.5	11	35.8	35.8	35.7	35.7	35.7										
E-P45	Planned School	1.5	8	35.8	35.8	35.7	35.7	35.7										
E-P46	Planned Residential	1.5	8	35.4	35.4	35.4	35.4	35.4										
E-P47	Planned Residential	1.5	9	35.7	35.7	35.7	35.7	35.7										
Planned ASRs - PDA Area 1																		
W-P2	Planned Residential	1.5	4	34.8	34.8	34.8	34.8											
W-P4	Planned Residential	1.5	4	35.7	35.7	35.6	35.6											
W-P6	Planned Residential	1.5	3	35.7	35.6	35.6												
W-P7	Planned Residential	1.5	4	35.7	35.7	35.6	35.6											
W-P9	Planned Residential	1.5	4	35.7	35.7	35.6	35.6											
W-P10	Planned Residential	1.5	5	34.8	34.8	34.8	34.8											
W-P11	Planned Residential	1.5	4	34.8	34.8	34.8	34.8											
W-P12	Planned Residential	1.5	4	35.1	35.1	35.1	35.1											
W-P14	Planned Residential	1.5	4	35.1	35.1	35.1	35.1											
W-P16	Planned Residential	1.5	5	35.7	35.7	35.7	35.7											

Operational Air Quality Assessment Results (Year 2042, with Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	61	61	61					
A3	House no. 95, Tai Tao Tsuen	1.5	3	61	61	61					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	61	61						
A6	House no. 176A, Fui Sha Wai	1.5	3	61	61	61					
A7	Village House, Ping Tong Street South	1.5	2	61	61	61					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	62	62						
A9	New Territories Assemblies of God Church	1.5	6	62	62	62	62	62			
A10	Block 10, Jasper Court	1.5	4	62	62	62	62				
A11	School	1.5	4	62	62	62	62	62			
A12	Village House, Lam Yu Road	1.5	1	62	62						
A13	Elchk Lutheran Academy	1.5	8	62	62	62	62	62			
A15	Village House, Lam Hei Road	1.5	1	61	61						
A16	Village House, Lam Hei Road	1.5	2	61	61	61					
A17	Sheltered Structure, Lam Hei Road	1.5	1	61	61						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	61	61						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	62	62	62					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	62	62	62					
A21	House no. 324, Shan Ha Tsuen	1.5	3	63	63	63					
A22	House no. 645, Shan Ha Tsuen	1.5	3	63	63	63					
A23	House no. 193, Kung Um Road	1.5	3	61	61	61					
A24	House no. 132, Sun Mei Garden	1.5	4	61	61	61	61				
A25	House no. 293, Kung Um Road	1.5	3	61	61	61					
A26	Block 10, Chun Fai Garden	1.5	3	61	61	61					
A27	House no. 161, Kung Um Road	1.5	3	61	61	61					
A28	Village House, Kung Um Road	1.5	3	61	61	61					
A29	House no. 366A, Kung Um Road	1.5	3	61	61	61					
A30	Sheltered Structure, Kung Um Road	1.5	3	64	64	64					
A31	House no. 31B, Kung Um Road	1.5	3	61	61	61					
A32	House no. 241, Kiu Hing Road	1.5	3	61	61	61					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	61	61	61					
A34	House no. 128, Kung Um Road	1.5	2	64	64	64					
A35	House no. 117, Kung Um Road	1.5	1	64	64						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	62	62						
A37	Uptown Tower 1	1.5	19	61	61	61	61	61			
A38	Chinese Mission Seminary	1.5	2	61	61	61					
A39	Fui Sha Wai Playground	1.5	1	61	61						
A40	Tower 8, Imperial Villas II	1.5	5	61	61	61					
A41	Energy Industrial Centre Block B	1.5	3	64	63	61					
A42	Block 1, Parkside Villa	5	11		62	62	62	62			
A43	Block 2, Emerald Green	1.5	25	61	61	61	61	61	61		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	61	61	61					
A45	House no. 139A	1.5	3	61	61	61					
A46	House no. 101, Sham Chung Tsuen	1.5	3	62	62	61					
A47	Meadowlands Block 33	1.5	5	61	61	61	61				
A48	Po Kok Branch School	1.5	3	61	61	61	61				
A49	Treasure Court Block 7	1.5	6	61	61	61	61	61			
A50	Beauty Court Block 2	1.5	11	61	61	61	61	61			
A51	Park Nara Tower 1	1.5	12	61	61	61	61	61	61		
A52	Hung Uk Garden	1.5	3	61	61	61					
A53	Green Lodge House 16	1.5	3	62	62	62					
A54	Ping Shan Garden Block 6	1.5	3	61	61	61					
A55	Villa Sunshine Block 1	1.5	4	61	61	61	61				
A56	Park Royale Block 10	5	11		61	61	61	61			
A57	Park Royale Block 2	5	11		61	61	61	61			
A58	Po Leung Kuk Law's Foundation School	1.5	2	62	62	62					
A59	Yuen Long Public Secondary School	1.5	8	62	62	62	62	62			
A60	Villa Art Deco Block 2	1.5	12	62	62	62	62	62			
A61	Gertrude Simon Lutheran College	1.5	8	61	61	61	61	61			
A62	Yuen Long Public Middle School Alumni Association Primary School	1.5	7	61	61	61	61	61			
A63	Silver Field Garden Block 17	1.5	3	61	61	61					
A64	La Grove Block 1	1.5	20	61	61	61	61	61	61		
A65	Ma Tin Tsuen House 242	1.5	3	61	61	61					
A66	Teng Lung Villa	1.5	3	61	61	61					
A67	Yuen Long Baptist Church	1.5	2	61	61	61					
A68	Fraser Village House 54	1.5	2	61	61	61					
A69	The Brand	1.5	21	61	61	61	61	61	61		
A70	Sereno Verde Block 2	1.5	14	61	61	61	61	61	61		
A71	La Pradera Block 12	1.5	15	61	61	61	61	61			
A72	The Reach Tower 2	1.5	25	61	61	61	61	61	61		
A73	The Reach Tower 6	1.5	25	61	61	61	61	61	61		
A74	Tai Kei Leng House 145	1.5	2	61	61	61					
A75	Christian & Missionary Alliance Chui Chak Lam Memorial School	1.5	8	61	61	61	61	61			
A76	Grand de Sol Block 15	1.5	12	61	61	61	61	61	61		
A77	Grand de Sol Block 8	1.5	12	61	61	61	61	61			
A78	Hoover Garden Block 4	1.5	3	61	61	61					
A79	Ha Yau Tin Tsuen House 2	1.5	3	61	61	61					
A80	Buddhist Wing Yan School	1.5	8	61	61	61	61	61			
A81	Fortune Centre	1.5	22	61	61	61	61	61	61		
A82	YOHO Town Block 6	1.5	34	61	61	61	61	61	61	61	
A83	YOHO Town Block 9	1.5	35	61	61	61	61	61	61	61	
A84	YOHO Midtown Block 5	15	33				61	61	61	61	
A84a	Shopping Mall under YOHO Midtown (Fresh Air Intake)	6	-		62						

Cumulative Annual FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	24.9	24.9	24.9					
A3	House no. 95, Tai Tao Tsuen	1.5	3	25.0	25.0	24.9					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	25.0	25.0						
A6	House no. 176A, Fui Sha Wai	1.5	3	25.0	25.0	25.0					
A7	Village House, Ping Tong Street South	1.5	2	25.0	25.0	25.0					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	25.3	25.2						
A9	New Territories Assemblies of God Church	1.5	6	25.1	25.0	25.0	25.0	25.0			
A10	Block 10, Jasper Court	1.5	4	25.2	25.2	25.1	25.1				
A11	School	1.5	4	25.1	25.1	25.0	25.0	25.0			
A12	Village House, Lam Yu Road	1.5	1	25.1	25.1						
A13	Elchk Lutheran Academy	1.5	8	25.0	25.0	25.0	25.0	25.0			
A15	Village House, Lam Hei Road	1.5	1	25.2	25.2						
A16	Village House, Lam Hei Road	1.5	2	25.2	25.2	25.1					
A17	Sheltered Structure, Lam Hei Road	1.5	1	25.2	25.2						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	25.2	25.2						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	25.0	25.0	24.9					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	25.1	25.1	25.1					
A21	House no. 324, Shan Ha Tsuen	1.5	3	25.4	25.4	25.4					
A22	House no. 645, Shan Ha Tsuen	1.5	3	25.4	25.4	25.4					
A23	House no. 193, Kung Um Road	1.5	3	25.1	25.1	25.0					
A24	House no. 132, Sun Mei Garden	1.5	4	25.2	25.1	25.1	25.1				
A25	House no. 293, Kung Um Road	1.5	3	25.1	25.1	25.1					
A26	Block 10, Chun Fai Garden	1.5	3	25.1	25.1	25.0					
A27	House no. 161, Kung Um Road	1.5	3	25.0	25.0	25.0					
A28	Village House, Kung Um Road	1.5	3	25.0	25.0	25.0					
A29	House no. 366A, Kung Um Road	1.5	3	25.0	25.0	25.0					
A30	Sheltered Structure, Kung Um Road	1.5	3	25.4	25.4	25.4					
A31	House no. 31B, Kung Um Road	1.5	3	25.2	25.2	25.2					
A32	House no. 241, Kiu Hing Road	1.5	3	25.2	25.2	25.2					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	25.1	25.1	25.1					
A34	House no. 128, Kung Um Road	1.5	2	25.4	25.4	25.4					
A35	House no. 117, Kung Um Road	1.5	1	26.1	26.1						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	25.5	25.5						
A37	Uptown Tower 1	1.5	19	24.9	24.9	24.8	24.8	24.8	24.7		
A38	Chinese Mission Seminary	1.5	2	24.8	24.8	24.8					
A39	Fui Sha Wai Playground	1.5	1	24.9	24.9						
A40	Tower 8, Imperial Villas II	1.5	5	24.9	24.9	24.9	24.8				
A41	Energy Industrial Centre Block B	1.5	3	26.5	26.3	25.6					
A42	Block 1, Parkside Villa	5	11		25.1	25.0	25.0	25.0			
A43	Block 2, Emerald Green	1.5	25	25.0	25.0	25.0	25.0	25.0	24.9		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	25.1	25.1	25.1					
A45	House no. 139A	1.5	3	25.2	25.2	25.2					
A46	House no. 101, Sham Chung Tsuen	1.5	3	25.1	25.1	25.1					
A47	Meadowlands Block 33	1.5	5	25.5	25.5	25.5	25.4				
A48	Po Kok Branch School	1.5	3	25.5	25.5	25.5	25.5				
A49	Treasure Court Block 7	1.5	6	24.8	24.8	24.7	24.7	24.7			
A50	Beauty Court Block 2	1.5	11	24.8	24.8	24.7	24.7	24.7			
A51	Park Nara Tower 1	1.5	12	24.8	24.8	24.7	24.7	24.7			
A52	Hung Uk Garden	1.5	3	24.8	24.8	24.8					
A53	Green Lodge House 16	1.5	3	25.0	25.0	25.0					
A54	Ping Shan Garden Block 6	1.5	3	24.9	24.9	24.8					
A55	Villa Sunshine Block 1	1.5	4	24.9	24.9	24.8	24.8				
A56	Park Royale Block 10	5	11		24.8	24.8	24.8	24.8			
A57	Park Royale Block 2	5	11		24.9	24.8	24.8	24.8			
A58	Po Leung Kuk Law's Foundation School	1.5	2	25.0	25.0	25.0					
A59	Yuen Long Public Secondary School	1.5	8	25.0	25.0	25.0	24.9	24.9			
A60	Villa Art Deco Block 2	1.5	12	25.0	25.0	25.0	24.9	24.9	</		

Operational Air Quality Assessment Results (Year 2042, with Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)								
				1.5	5	10	15	20	50	80	120	
W-A9	Block 1, Marbella Garden	1.5	5	62	62	62	62					
W-A11	Kisland Villa Phase 2	1.5	5	62	62	62	62					
W-A13	Sha Tseng Tsuen	1.5	4	62	62	62	62					
W-A14	Sha Tseng Tsuen	1.5	4	62	62	62	62					
Planned ASRs - PDA Area 2 and Area 3												
E-P1	Planned Residential	1.5	34	61	61	61	61	61	61	61		
E-P2	Planned Residential	1.5	32	61	61	61	61	61	61	61		
E-P5	Planned Residential	1.5	34	61	61	61	61	61	61	61		
E-P6	Planned Residential	1.5	34	63	63	63	63	63	63	63		
E-P7	Planned Residential	1.5	31	63	63	63	63	63	63	63		
E-P8	Planned Residential	1.5	28	61	61	61	61	61	61	61		
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	61	61	61	61	61				
E-P15	Planned School	1.5	8	61	61	61	61	61				
E-P17	Planned School	1.5	8	61	61	61	61	61				
E-P19	Planned Residential	1.5	11	61	61	61	61	61				
E-P20	Planned Residential	1.5	20	63	63	63	63	63	63			
E-P21	Planned Residential	1.5	22	61	61	61	61	61	61			
E-P23	Planned Residential	1.5	22	63	63	63	63	63	63			
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	63	63	63	63	63				
E-P29	Planned Residential	1.5	11	63	63	63	63	63				
E-P31	Planned Residential	1.5	22	64	64	64	64	64	64			
E-P32	Planned Residential	1.5	20	61	61	61	61	61	61			
E-P33	Planned Residential	1.5	17	64	64	64	64	64	64			
E-P34	Planned Residential	1.5	20	64	64	64	64	64	64			
E-P40	Planned Residential	1.5	18	64	64	64	64	64	64			
E-P42	Planned Residential	1.5	11	64	64	64	64	64				
E-P45	Planned School	1.5	8	64	64	64	64	64				
E-P46	Planned Residential	1.5	8	61	61	61	61	61				
E-P47	Planned Residential	1.5	9	64	64	64	64	64				
Planned ASRs - PDA Area 1												
W-P2	Planned Residential	1.5	4	61	61	61	61					
W-P4	Planned Residential	1.5	4	62	62	62	62					
W-P6	Planned Residential	1.5	3	62	62	62						
W-P7	Planned Residential	1.5	4	62	62	62	62					
W-P9	Planned Residential	1.5	4	62	62	62	62					
W-P10	Planned Residential	1.5	5	61	61	61	61					
W-P11	Planned Residential	1.5	4	61	61	61	61					
W-P12	Planned Residential	1.5	4	62	62	62	62					
W-P14	Planned Residential	1.5	4	62	62	62	62					
W-P16	Planned Residential	1.5	5	63	63	63	63					
W-P17	Planned Residential	1.5	4	62	62	62	62					
W-P20	Planned Social Welfare Facility	1.5	4	62	62	62	62	62				
W-P21	Planned Residential	1.5	12	62	62	62	62	62				
W-P22	Planned Residential	1.5	12	62	62	62	62	62				
W-P25	Planned Residential	1.5	4	62	62	62	62					
W-P26	Planned Residential	1.5	4	62	62	62	62					
W-P27	Planned Residential	1.5	4	63	63	63	63					
W-P29	Planned Residential	1.5	5	63	63	63	63					
W-P31	Planned Residential	1.5	4	62	62	62	62					

Note:
For A84a, A84d, A105_FA, and A150a, the predicted concentrations at their fresh air intakes at 6m, 2m, 4m and 8m above ground are presented respectively.

Cumulative Annual FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)								
				1.5	5	10	15	20	50	80	120	
W-A9	Block 1, Marbella Garden	1.5	5	25.0	24.9	24.9	24.9					
W-A11	Kisland Villa Phase 2	1.5	5	25.0	25.0	25.0	24.9					
W-A13	Sha Tseng Tsuen	1.5	4	25.0	25.0	25.0	25.0					
W-A14	Sha Tseng Tsuen	1.5	4	25.1	25.1	25.1	25.1					
Planned ASRs - PDA Area 2 and Area 3												
E-P1	Planned Residential	1.5	34	25.0	25.0	25.0	25.0	25.0	24.9	24.9		
E-P2	Planned Residential	1.5	32	25.1	25.1	25.0	25.0	25.0	24.9	24.9		
E-P5	Planned Residential	1.5	34	25.1	25.1	25.1	25.0	25.0	25.0	25.0		
E-P6	Planned Residential	1.5	34	25.5	25.4	25.4	25.4	25.4	25.3	25.3		
E-P7	Planned Residential	1.5	31	25.4	25.4	25.4	25.4	25.4	25.3	25.3		
E-P8	Planned Residential	1.5	28	25.1	25.1	25.0	25.0	25.0	25.0	25.0		
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	25.1	25.1	25.0	25.0	25.0				
E-P15	Planned School	1.5	8	25.0	25.0	25.0	25.0	25.0				
E-P17	Planned School	1.5	8	25.0	25.0	25.0	25.0	25.0				
E-P19	Planned Residential	1.5	11	25.0	25.0	25.0	25.0	25.0				
E-P20	Planned Residential	1.5	20	25.4	25.4	25.4	25.4	25.3	25.3			
E-P21	Planned Residential	1.5	22	25.0	25.0	25.0	25.0	25.0	25.0			
E-P23	Planned Residential	1.5	22	25.4	25.4	25.4	25.4	25.3	25.3			
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	25.5	25.4	25.4	25.4	25.3				
E-P29	Planned Residential	1.5	11	25.4	25.4	25.4	25.3	25.3				
E-P31	Planned Residential	1.5	22	25.4	25.4	25.4	25.4	25.4	25.4			
E-P32	Planned Residential	1.5	20	25.2	25.2	25.2	25.1	25.1	25.1			
E-P33	Planned Residential	1.5	17	25.4	25.4	25.4	25.4	25.4	25.4			
E-P34	Planned Residential	1.5	20	25.4	25.4	25.4	25.4	25.4	25.4			
E-P40	Planned Residential	1.5	18	25.4	25.4	25.4	25.4	25.4	25.4			
E-P42	Planned Residential	1.5	11	25.4	25.4	25.4	25.4	25.4				
E-P45	Planned School	1.5	8	25.4	25.4	25.4	25.4	25.4				
E-P46	Planned Residential	1.5	8	25.2	25.2	25.1	25.1	25.1				
E-P47	Planned Residential	1.5	9	25.4	25.4	25.4	25.4	25.4				
Planned ASRs - PDA Area 1												
W-P2	Planned Residential	1.5	4	24.8	24.7	24.7	24.7					
W-P4	Planned Residential	1.5	4	25.3	25.3	25.3	25.3					
W-P6	Planned Residential	1.5	3	25.3	25.3	25.3						
W-P7	Planned Residential	1.5	4	25.4	25.3	25.3	25.3					
W-P9	Planned Residential	1.5	4	25.3	25.3	25.3	25.3					
W-P10	Planned Residential	1.5	5	24.7	24.7	24.7	24.7					
W-P11	Planned Residential	1.5	4	24.8	24.7	24.7	24.7					
W-P12	Planned Residential	1.5	4	25.0	24.9	24.9	24.9					
W-P14	Planned Residential	1.5	4	25.0	25.0	24.9	24.9					
W-P16	Planned Residential	1.5	5	25.4	25.4	25.4	25.4					
W-P17	Planned Residential	1.5	4	24.9	24.9	24.9	24.9					
W-P20	Planned Social Welfare Facility	1.5	4	25.0	25.0	25.0	25.0	24.9				
W-P21	Planned Residential	1.5	12	25.0	25.0	25.0	25.0	24.9				
W-P22	Planned Residential	1.5	12	25.0	25.0	25.0	25.0	25.0				
W-P25	Planned Residential	1.5	4	25.0	25.0	25.0	24.9					
W-P26	Planned Residential	1.5	4	25.0	25.0	24.9	24.9					
W-P27	Planned Residential	1.5	4	25.4	25.4	25.4	25.4					
W-P29	Planned Residential	1.5	5	25.4	25.4	25.4	25.3					
W-P31	Planned Residential	1.5	4	25.3	25.3	25.3	25.3					

Operational Air Quality Assessment Results (Year 2042, without Recommended Direct Technical Noise Remedies)

Cumulative 19th highest 1-hour NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	103	103	102					
A3	House no. 95, Tai Tao Tsuen	1.5	3	108	108	105					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	110	109						
A6	House no. 176A, Fui Sha Wai	1.5	3	112	112	107					
A7	Village House, Ping Tong Street South	1.5	2	113	113	112					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	121	119						
A9	New Territories Assemblies of God Church	1.5	6	105	104	103	103	102			
A10	Block 10, Jasper Court	1.5	4	115	114	111	108				
A11	School	1.5	4	110	109	108	107	105			
A12	Village House, Lam Yu Road	1.5	1	115	116						
A13	Elchk Lutheran Academy	1.5	8	107	107	106	105	104			
A15	Village House, Lam Hei Road	1.5	1	120	120						
A16	Village House, Lam Hei Road	1.5	2	119	119	118					
A17	Sheltered Structure, Lam Hei Road	1.5	1	120	119						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	120	118						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	102	101	101					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	117	111	106					
A21	House no. 324, Shan Ha Tsuen	1.5	3	99	99	98					
A22	House no. 645, Shan Ha Tsuen	1.5	3	96	96	96					
A23	House no. 193, Kung Um Road	1.5	3	115	115	115					
A24	House no. 132, Sun Mei Garden	1.5	4	114	113	108	106				
A25	House no. 293, Kung Um Road	1.5	3	107	106	106					
A26	Block 10, Chun Fai Garden	1.5	3	108	107	107					
A27	House no. 161, Kung Um Road	1.5	3	107	107	107					
A28	Village House, Kung Um Road	1.5	3	106	106	106					
A29	House no. 366A, Kung Um Road	1.5	3	105	104	103					
A30	Sheltered Structure, Kung Um Road	1.5	3	96	96	95					
A31	House no. 31B, Kung Um Road	1.5	3	105	105	104					
A32	House no. 241, Kiu Hing Road	1.5	3	103	103	102					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	101	101	101					
A34	House no. 128, Kung Um Road	1.5	2	92	92	92					
A35	House no. 117, Kung Um Road	1.5	1	95	95						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	96	96						
A37	Uptown Tower 1	1.5	19	106	103	99	97	96	91		
A38	Chinese Mission Seminary	1.5	2	100	99	98					
A39	Fui Sha Wai Playground	1.5	1	104	103						
A40	Tower 8, Imperial Villas II	1.5	5	100	98	98	97				
A41	Energy Industrial Centre Block B	1.5	3	101	100	99					
A42	Block 1, Parkside Villa	5	11		114	109	103	101			
A43	Block 2, Emerald Green	1.5	25	116	116	115	115	113	110		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	120	120	117					
A45	House no. 139A	1.5	3	118	118	118					
A46	House no. 101, Sham Chung Tsuen	1.5	3	118	118	116					
A47	Meadowlands Block 33	1.5	5	103	103	102	102				
A48	Po Kok Branch School	1.5	3	107	105	103	102				
A49	Treasure Court Block 7	1.5	6	107	106	104	102	100			
A50	Beauty Court Block 2	1.5	11	106	105	103	100	99			
A51	Park Nara Tower 1	1.5	12	108	107	104	103	100			
A52	Hung Uk Garden	1.5	3	97	97	97					
A53	Green Lodge House 16	1.5	3	106	106	105					
A54	Ping Shan Garden Block 6	1.5	3	112	112	111					
A55	Villa Sunshine Block 1	1.5	4	112	112	110	110				
A56	Park Royale Block 10	5	11		113	112	110	108			
A57	Park Royale Block 2	5	11		114	109	108	107			
A58	Po Leung Kuk Law's Foundation School	1.5	2	109	107	105					
A59	Yuen Long Public Secondary School	1.5	8	107	105	103	102	101			
A60	Villa Art Deco Block 2	1.5	12	106	104	103	101	101			
A61	Gertrude Simon Lutheran College	1.5	8	120	117	115	112	111			
A62	Yuen Long Public Middle School Alumni Association Primary School	1.5	7	123	119	117	114	113			
A63	Silver Field Garden Block 17	1.5	3	120	117	116					
A64	La Grove Block 1	1.5	20	120	119	117	114	112	110		
A65	Ma Tin Tsuen House 242	1.5	3	118	118	116					
A66	Teng Lung Villa	1.5	3	117	115	115					
A67	Yuen Long Baptist Church	1.5	2	116	114	114					
A68	Fraser Village House 54	1.5	2	119	118	116					
A69	The Brand	1.5	21	117	117	116	115	115	109		
A70	Sereno Verde Block 2	1.5	14	111	110	109	109	108			
A71	La Pradera Block 12	1.5	15	108	108	107	106	105			
A72	The Reach Tower 2	1.5	25	107	106	105	105	104	100		
A73	The Reach Tower 6	1.5	25	113	113	110	108	106	100		
A74	Tai Kei Leng House 145	1.5	2	111	110	108					
A75	Christian & Missionary Alliance Chui Chak Lam Memorial School	1.5	8	112	110	108	108	105			
A76	Grand de Sol Block 15	1.5	12	109	107	106	105	105			
A77	Grand de Sol Block 8	1.5	12	109	109	109	108	107			
A78	Hoover Garden Block 4	1.5	3	110	109	108					
A79	Ha Yau Tin Tsuen House 2	1.5	3	106	106	106					
A80	Buddhist Wing Yan School	1.5	8	110	110	109	108	107			
A81	Fortune Centre	1.5	22	109	109	108	106	105	100		
A82	YOHO Town Block 6	1.5	34	104	104	104	104	103	99	99	
A83	YOHO Town Block 9	1.5	35	106	106	105	104	103	100	99	
A84	YOHO Midtown Block 5	15	33			107	105	100	100		
A84a	Shopping Mall under YOHO Midtown (Fresh Air Intake)	6	-		114						

Cumulative Annual NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	27.1	27.0	26.4					
A3	House no. 95, Tai Tao Tsuen	1.5	3	28.5	28.2	27.2					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	27.7	27.9						
A6	House no. 176A, Fui Sha Wai	1.5	3	27.8	27.8	27.4					
A7	Village House, Ping Tong Street South	1.5	2	28.2	28.4	28.4					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	33.4	31.3						
A9	New Territories Assemblies of God Church	1.5	6	26.9	26.6	26.0	25.5	25.1			
A10	Block 10, Jasper Court	1.5	4	29.8	29.6	28.6	27.3				
A11	School	1.5	4	26.8	26.6	26.2	26.1	25.3			
A12	Village House, Lam Yu Road	1.5	1	27.3	27.6						
A13	Elchk Lutheran Academy	1.5	8	26.3	26.1	25.8	25.7	25.1			
A15	Village House, Lam Hei Road	1.5	1	30.3	30.1						
A16	Village House, Lam Hei Road	1.5	2	30.2	30.0	29.4					
A17	Sheltered Structure, Lam Hei Road	1.5	1	32.4	31.7						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	31.0	30.3						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	24.6	24.5	24.3					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	28.8	27.0	26.5					
A21	House no. 324, Shan Ha Tsuen	1.5	3	22.3	22.3	22.1					
A22	House no. 645, Shan Ha Tsuen	1.5	3	22.0	22.0	21.8					
A23	House no. 193, Kung Um Road	1.5	3	28.2	28.1	27.6					
A24	House no. 132, Sun Mei Garden	1.5	4	26.6	24.4	22.8	22.0				
A25	House no. 293, Kung Um Road	1.5	3	22.4	22.3	22.0					
A26	Block 10, Chun Fai Garden	1.5	3	22.4	22.0	21.5					
A27	House no. 161, Kung Um Road	1.5	3	21.5	21.4	21.1					
A28	Village House, Kung Um Road	1.5	3	20.4	20.4	20.3					
A29	House no. 366A, Kung Um Road	1.5	3	21.2	21.1	21.0					
A30	Sheltered Structure, Kung Um Road	1.5	3	20.5	20.5	20.3					
A31	House no. 31B, Kung Um Road	1.5	3	21.1	20.9	20.5					
A32	House no. 241, Kiu Hing Road	1.5	3	21.1	20.7	20.1					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	19.6	19.5	19.5					
A34	House no. 128, Kung Um Road	1.5	2	19.1	19.1	19.1					
A35	House no. 117, Kung Um Road	1.5	1	19.4	19.4						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	25.8	25.4						
A37	Uptown Tower 1	1.5	19	28.1	27.1	25.8	24.6	23.5	20.6		
A38	Chinese Mission Seminary	1.5	2	24.8	24.6	24.0					
A39	Fui Sha Wai Playground	1.5	1	25.8	25.1						
A40	Tower 8, Imperial Villas II	1.5	5	25.4	25.1	24.4	23.8				
A41	Energy Industrial Centre Block B	1.5	3	26.3	25.6	25.1					
A42	Block 1, Parkside Villa	5	11		27.5	26.2	25.4	24.7			
A43	Block 2, Emerald Green	1.5	25	27.8	27.4	27.1	26.8	26.4	24.3		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	30.9	30.2	28.6					
A45	House no. 139A	1.5	3	30.5	30.4	29.9					
A46	House no. 101, Sham Chung Tsuen	1.5	3	30.0	29.6	28.7					
A47	Meadowlands Block 33	1.5	5	27.9	27.1	26.3	25.9				
A48	Po Kok Branch School	1.5	3	28.5	27.8	26.9	26.4				
A49	Treasure Court Block 7	1.5	6	27.7	27.3	26.2	25.1	24.1			
A50	Beauty Court Block 2	1.5	11	27.2	26.5	25.3	24.4	23.7			
A51	Park Nara Tower 1	1.5	12	27.6	27.0	25.9	24.9	24.1			
A52	Hung Uk Garden	1.5	3	23.4	23.4	23.2					
A53	Green Lodge House 16	1.5	3	25.9	25.8	25.6					
A54	Ping Shan Garden Block 6	1.5	3	28.6	28.2	27.3					
A55	Villa Sunshine Block 1	1.5	4	29.3	28.6	27.5	26.7				
A56	Park Royale Block 10	5	11		27.6	26.6	25.9	25.4			
A57	Park Royale Block 2	5	11		28.8	27.5	26.5	25.9			

Operational Air Quality Assessment Results (Year 2042, without Recommended Direct Technical Noise Remedies)

Cumulative 19th highest 1-hour NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)									
				1.5	5	10	15	20	50	80	120		
W-A9	Block 1, Marbella Garden	1.5	5	101	101	101	101						
W-A11	Kisland Villa Phase 2	1.5	5	105	103	102	101						
W-A13	Sha Tseng Tsuen	1.5	4	107	105	104	104						
W-A14	Sha Tseng Tsuen	1.5	4	109	109	107	106						
Planned ASRs - PDA Area 2 and Area 3													
E-P1	Planned Residential	1.5	34	115	115	114	113	113	106	105			
E-P2	Planned Residential	1.5	32	116	116	115	114	113	106	105			
E-P5	Planned Residential	1.5	34	108	107	107	104	102	100	100			
E-P6	Planned Residential	1.5	34	100	99	98	97	96	95	94			
E-P7	Planned Residential	1.5	31	98	97	97	96	96	95	94			
E-P8	Planned Residential	1.5	28	108	108	107	106	104	100	100			
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	109	107	106	106	105					
E-P15	Planned School	1.5	8	107	107	106	105	104					
E-P17	Planned School	1.5	8	107	106	105	105	105					
E-P19	Planned Residential	1.5	11	110	109	106	106	106					
E-P20	Planned Residential	1.5	20	98	98	97	96	96	95				
E-P21	Planned Residential	1.5	22	106	106	104	102	101	100				
E-P23	Planned Residential	1.5	22	97	97	96	96	96	95				
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	102	100	97	97	96					
E-P29	Planned Residential	1.5	11	98	98	97	96	96					
E-P31	Planned Residential	1.5	22	95	95	94	93	93	90				
E-P32	Planned Residential	1.5	20	105	104	103	102	101	101				
E-P33	Planned Residential	1.5	17	91	91	90	90	90	90				
E-P34	Planned Residential	1.5	20	97	96	95	94	92	90				
E-P40	Planned Residential	1.5	18	96	94	92	90	90	90				
E-P42	Planned Residential	1.5	11	94	93	92	90	90					
E-P45	Planned School	1.5	8	97	96	93	92	92					
E-P46	Planned Residential	1.5	8	103	102	101	101	101					
E-P47	Planned Residential	1.5	9	93	92	92	92	91					
Planned ASRs - PDA Area 1													
W-P2	Planned Residential	1.5	4	98	98	98	96						
W-P4	Planned Residential	1.5	4	96	95	95	94						
W-P6	Planned Residential	1.5	3	97	96	95							
W-P7	Planned Residential	1.5	4	99	99	95	94						
W-P9	Planned Residential	1.5	4	98	98	97	96						
W-P10	Planned Residential	1.5	5	99	99	99	99						
W-P11	Planned Residential	1.5	4	101	100	99	99						
W-P12	Planned Residential	1.5	4	102	100	99	99						
W-P14	Planned Residential	1.5	4	100	100	101	101						
W-P16	Planned Residential	1.5	5	96	96	96	96						
W-P17	Planned Residential	1.5	4	101	100	100	100						
W-P20	Planned Social Welfare Facility	1.5	4	107	105	104	102	101					
W-P21	Planned Residential	1.5	12	107	107	105	103	102					
W-P22	Planned Residential	1.5	12	107	107	104	103	101					
W-P25	Planned Residential	1.5	4	106	106	104	102						
W-P26	Planned Residential	1.5	4	105	105	104	102						
W-P27	Planned Residential	1.5	4	98	98	97	96						
W-P29	Planned Residential	1.5	5	97	97	96	96						
W-P31	Planned Residential	1.5	4	96	95	94	94						

Note:
For A84a, A84d, A105_FA, and A150a, the predicted concentrations at their fresh air intakes at 6m, 2m, 4m and 8m above ground are presented respectively.

Cumulative Annual NO2 Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)									
				1.5	5	10	15	20	50	80	120		
W-A9	Block 1, Marbella Garden	1.5	5	24.9	24.7	24.3	24.0						
W-A11	Kisland Villa Phase 2	1.5	5	25.9	25.3	24.8	24.5						
W-A13	Sha Tseng Tsuen	1.5	4	27.2	26.7	25.9	25.4						
W-A14	Sha Tseng Tsuen	1.5	4	28.4	28.0	27.1	26.5						
Planned ASRs - PDA Area 2 and Area 3													
E-P1	Planned Residential	1.5	34	27.6	27.5	27.1	26.8	26.3	24.1	23.2			
E-P2	Planned Residential	1.5	32	28.9	28.6	27.8	27.0	26.3	24.1	23.2			
E-P5	Planned Residential	1.5	34	23.4	23.0	22.2	21.7	21.3	19.8	19.1			
E-P6	Planned Residential	1.5	34	25.7	24.5	22.9	22.0	21.4	20.0	19.4			
E-P7	Planned Residential	1.5	31	23.7	23.3	22.4	21.7	21.1	19.9	19.4			
E-P8	Planned Residential	1.5	28	22.7	22.3	21.7	21.3	20.9	19.7	19.1			
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	23.0	22.3	21.5	21.0	20.7					
E-P15	Planned School	1.5	8	21.5	21.4	21.0	20.7	20.4					
E-P17	Planned School	1.5	8	21.3	21.0	20.7	20.4	20.3					
E-P19	Planned Residential	1.5	11	22.1	22.0	21.5	21.0	20.6					
E-P20	Planned Residential	1.5	20	22.4	22.0	21.5	21.2	20.9	19.9				
E-P21	Planned Residential	1.5	22	21.0	21.0	20.8	20.7	20.5	19.5				
E-P23	Planned Residential	1.5	22	22.0	21.9	21.6	21.2	20.9	19.8				
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	25.7	24.2	22.4	21.4	21.0					
E-P29	Planned Residential	1.5	11	22.3	22.1	21.5	21.1	20.7					
E-P31	Planned Residential	1.5	22	21.0	20.7	20.2	19.8	19.6	18.9				
E-P32	Planned Residential	1.5	20	21.1	20.9	20.4	19.9	19.6	18.9				
E-P33	Planned Residential	1.5	17	21.0	20.8	20.5	20.1	19.8	18.9				
E-P34	Planned Residential	1.5	20	22.9	21.8	20.5	19.9	19.6	18.9				
E-P40	Planned Residential	1.5	18	21.9	20.7	19.8	19.5	19.3	18.8				
E-P42	Planned Residential	1.5	11	20.4	20.3	19.9	19.6	19.4					
E-P45	Planned School	1.5	8	21.4	20.5	19.7	19.4	19.2					
E-P46	Planned Residential	1.5	8	20.2	20.1	19.8	19.6	19.4					
E-P47	Planned Residential	1.5	9	19.9	19.7	19.4	19.2	19.1					
Planned ASRs - PDA Area 1													
W-P2	Planned Residential	1.5	4	23.6	23.2	22.6	22.2						
W-P4	Planned Residential	1.5	4	21.9	21.7	21.4	21.2						
W-P6	Planned Residential	1.5	3	22.2	21.8	21.2							
W-P7	Planned Residential	1.5	4	23.2	22.4	21.4	21.0						
W-P9	Planned Residential	1.5	4	22.0	21.8	21.6	21.4						
W-P10	Planned Residential	1.5	5	23.3	23.0	22.6	22.3						
W-P11	Planned Residential	1.5	4	24.2	23.2	22.7	22.4						
W-P12	Planned Residential	1.5	4	25.4	24.2	23.7	23.4						
W-P14	Planned Residential	1.5	4	25.0	24.8	24.5	24.1						
W-P16	Planned Residential	1.5	5	22.9	22.5	22.0	21.7						
W-P17	Planned Residential	1.5	4	25.0	24.7	24.3	23.9						
W-P20	Planned Social Welfare Facility	1.5	4	26.4	25.7	25.2	24.7	24.3					
W-P21	Planned Residential	1.5	12	28.0	27.5	26.4	25.3	24.5					
W-P22	Planned Residential	1.5	12	27.0	26.6	25.7	24.9	24.3					
W-P25	Planned Residential	1.5	4	26.9	25.5	24.5	24.0						
W-P26	Planned Residential	1.5	4	25.3	25.0	24.4	23.9						
W-P27	Planned Residential	1.5	4	24.0	23.5	22.5	21.9						
W-P29	Planned Residential	1.5	5	23.1	22.3	21.4	21.0						
W-P31	Planned Residential	1.5	4	21.2	21.0	20.8	20.7						

Operational Air Quality Assessment Results (Year 2042, without Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	81	81	81					
A3	House no. 95, Tai Tao Tsuen	1.5	3	81	81	81					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	81	81						
A6	House no. 176A, Fui Sha Wai	1.5	3	81	81	81					
A7	Village House, Ping Tong Street South	1.5	2	82	82	82					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	83	83						
A9	New Territories Assemblies of God Church	1.5	6	83	83	82	82	82			
A10	Block 10, Jasper Court	1.5	4	83	83	83	83				
A11	School	1.5	4	82	82	82	82	82			
A12	Village House, Lam Yu Road	1.5	1	83	83						
A13	Elchk Lutheran Academy	1.5	8	82	82	82	82	82			
A15	Village House, Lam Hei Road	1.5	1	82	82						
A16	Village House, Lam Hei Road	1.5	2	82	82	82					
A17	Sheltered Structure, Lam Hei Road	1.5	1	82	82						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	82	82						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	82	82	82					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	83	82	82					
A21	House no. 324, Shan Ha Tsuen	1.5	3	84	84	84					
A22	House no. 645, Shan Ha Tsuen	1.5	3	84	84	84					
A23	House no. 193, Kung Um Road	1.5	3	82	82	82					
A24	House no. 132, Sun Mei Garden	1.5	4	82	82	82	82				
A25	House no. 293, Kung Um Road	1.5	3	82	82	82					
A26	Block 10, Chun Fai Garden	1.5	3	82	82	82					
A27	House no. 161, Kung Um Road	1.5	3	82	82	82					
A28	Village House, Kung Um Road	1.5	3	81	81	81					
A29	House no. 366A, Kung Um Road	1.5	3	82	82	82					
A30	Sheltered Structure, Kung Um Road	1.5	3	85	85	85					
A31	House no. 31B, Kung Um Road	1.5	3	82	82	82					
A32	House no. 241, Kiu Hing Road	1.5	3	82	82	82					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	82	82	82					
A34	House no. 128, Kung Um Road	1.5	2	85	85	85					
A35	House no. 117, Kung Um Road	1.5	1	86	86						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	83	83						
A37	Uptown Tower 1	1.5	19	81	81	81	81	81	81		
A38	Chinese Mission Seminary	1.5	2	81	81	81					
A39	Fui Sha Wai Playground	1.5	1	81	81						
A40	Tower 8, Imperial Villas II	1.5	5	82	82	81	81				
A41	Energy Industrial Centre Block B	1.5	3	90	89	84					
A42	Block 1, Parkside Villa	5	11		82	82	82	82			
A43	Block 2, Emerald Green	1.5	25	82	82	82	82	82	81		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	82	82	82					
A45	House no. 139A	1.5	3	82	82	82					
A46	House no. 101, Sham Chung Tsuen	1.5	3	82	82	82					
A47	Meadowlands Block 33	1.5	5	82	82	82	82				
A48	Po Kok Branch School	1.5	3	82	82	82	82				
A49	Treasure Court Block 7	1.5	6	81	81	81	81	81			
A50	Beauty Court Block 2	1.5	11	81	81	81	81	81			
A51	Park Nara Tower 1	1.5	12	81	81	81	81	81	81		
A52	Hung Uk Garden	1.5	3	81	81	81					
A53	Green Lodge House 16	1.5	3	82	82	82					
A54	Ping Shan Garden Block 6	1.5	3	82	82	82					
A55	Villa Sunshine Block 1	1.5	4	82	82	82	82				
A56	Park Royale Block 10	5	11		81	81	81	81			
A57	Park Royale Block 2	5	11		81	81	81	81			
A58	Po Leung Kuk Law's Foundation School	1.5	2	82	82	82					
A59	Yuen Long Public Secondary School	1.5	8	82	82	82	82	82			
A60	Villa Art Deco Block 2	1.5	12	82	82	82	82	82			
A61	Gertrude Simon Lutheran College	1.5	8	82	82	81	81	81			
A62	Yuen Long Public Middle School Alumni Association Primary School	1.5	7	82	81	81	81	81			
A63	Silver Field Garden Block 17	1.5	3	82	82	82					
A64	La Grove Block 1	1.5	20	82	82	82	82	82	81		
A65	Ma Tin Tsuen House 242	1.5	3	82	82	82					
A66	Teng Lung Villa	1.5	3	82	82	82					
A67	Yuen Long Baptist Church	1.5	2	82	82	82					
A68	Fraser Village House 54	1.5	2	82	82	82					
A69	The Brand	1.5	21	82	82	82	82	82	81		
A70	Sereno Verde Block 2	1.5	14	81	81	81	81	81			
A71	La Pradera Block 12	1.5	15	81	81	81	81	81			
A72	The Reach Tower 2	1.5	25	81	81	81	81	81	81		
A73	The Reach Tower 6	1.5	25	81	81	81	81	81	81		
A74	Tai Kei Leng House 145	1.5	2	81	81	81					
A75	Christian & Missionary Alliance Chui Chak Lam Memorial School	1.5	8	81	81	81	81	81			
A76	Grand de Sol Block 15	1.5	12	81	81	81	81	81	81		
A77	Grand de Sol Block 8	1.5	12	81	81	81	81	81			
A78	Hoover Garden Block 4	1.5	3	81	81	81					
A79	Ha Yau Tin Tsuen House 2	1.5	3	81	81	81					
A80	Buddhist Wing Yan School	1.5	8	81	81	81	81	81			
A81	Fortune Centre	1.5	22	82	82	82	82	82	82		
A82	YOHO Town Block 6	1.5	34	81	81	81	81	81	81	81	
A83	YOHO Town Block 9	1.5	35	82	82	82	82	82	82	82	
A84	YOHO Midtown Block 5	15	33				82	82	82	82	
A84a	Shopping Mall under YOHO Midtown (Fresh Air Intake)	6	-		82						

Cumulative Annual RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	35.0	35.0	35.0					
A3	House no. 95, Tai Tao Tsuen	1.5	3	35.1	35.1	35.0					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	35.1	35.1						
A6	House no. 176A, Fui Sha Wai	1.5	3	35.1	35.1	35.1					
A7	Village House, Ping Tong Street South	1.5	2	35.3	35.3	35.3					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	35.5	35.5						
A9	New Territories Assemblies of God Church	1.5	6	35.3	35.3	35.2	35.2	35.2			
A10	Block 10, Jasper Court	1.5	4	35.4	35.4	35.3	35.3				
A11	School	1.5	4	35.2	35.2	35.2	35.2	35.2			
A12	Village House, Lam Yu Road	1.5	1	35.3	35.3						
A13	Elchk Lutheran Academy	1.5	8	35.2	35.2	35.2	35.2	35.1			
A15	Village House, Lam Hei Road	1.5	1	35.4	35.3						
A16	Village House, Lam Hei Road	1.5	2	35.3	35.3	35.3					
A17	Sheltered Structure, Lam Hei Road	1.5	1	35.4	35.4						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	35.4	35.3						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	35.1	35.1	35.1					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	35.3	35.2	35.2					
A21	House no. 324, Shan Ha Tsuen	1.5	3	35.7	35.7	35.7					
A22	House no. 645, Shan Ha Tsuen	1.5	3	35.7	35.7	35.7					
A23	House no. 193, Kung Um Road	1.5	3	35.2	35.2	35.2					
A24	House no. 132, Sun Mei Garden	1.5	4	35.4	35.3	35.3	35.3	35.3			
A25	House no. 293, Kung Um Road	1.5	3	35.3	35.3	35.2					
A26	Block 10, Chun Fai Garden	1.5	3	35.3	35.2	35.2					
A27	House no. 161, Kung Um Road	1.5	3	35.2	35.2	35.2					
A28	Village House, Kung Um Road	1.5	3	35.2	35.2	35.2					
A29	House no. 366A, Kung Um Road	1.5	3	35.2	35.2	35.2					
A30	Sheltered Structure, Kung Um Road	1.5	3	35.8	35.8	35.8					
A31	House no. 31B, Kung Um Road	1.5	3	35.4	35.4	35.4					
A32	House no. 241, Kiu Hing Road	1.5	3	35.4	35.4	35.4					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	35.4	35.4	35.4					
A34	House no. 128, Kung Um Road	1.5	2	35.7	35.7	35.7					
A35	House no. 117, Kung Um Road	1.5	1	36.8	36.8						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	35.9	35.9						
A37	Uptown Tower 1	1.5	19	35.0	35.0	34.9	34.9	34.8	34.7		
A38	Chinese Mission Seminary	1.5	2	34.9	34.9	34.9					
A39	Fui Sha Wai Playground	1.5	1	35.0	35.0						
A40	Tower 8, Imperial Villas II	1.5	5	35.2	35.2	35.1	35.1				
A41	Energy Industrial Centre Block B	1.5	3	39.9	39.5	37.3					
A42	Block 1, Parkside Villa	5	11		35.2	35.2	35.2	35.1			
A43	Block 2, Emerald Green	1.5	25	35.2	35.2	35.2	35.2	35.2	35.1		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	35.3	35.3	35.2					
A45	House no. 139A	1.5	3	35.4	35.4	35.3					
A46	House no. 101, Sham Chung Tsuen	1.5	3	35.3	35.3	35.3					
A47	Meadowlands Block 33	1.5	5	35.9	35.9	35.8	35.8				
A48	Po Kok Branch School	1.5	3	35.9	35.9	35.9	35.9				
A49	Treasure Court Block 7	1.5	6	34.8	34.8	34.8	34.8	34.7			
A50	Beauty Court Block 2	1.5	11	34.8	34.8	34.8	34.7	34.7			
A51	Park Nara Tower 1	1.5	12	34.9	34.8	34.8	34.8	34.8	34.7		
A52	Hung Uk Garden	1.5	3	34.9	34.9	34.9					
A53	Green Lodge House 16	1.5	3	35.2	35.2	35.2					
A54	Ping Shan Garden Block 6	1.5	3	35.0	35.0	34.9					
A55	Villa Sunshine Block 1	1.5	4	35.0	35.0	34.9	34.9				
A56	Park Royale Block 10	5	11		34.9	34.9	34.9	34.8			
A57	Park Royale Block 2	5	11		35.0	34.9	34.9	34.9			
A58	Po Leung Kuk Law's Foundation School	1.5	2	35.1	35.1	35.1					
A59	Yuen Long Public Secondary School	1.5	8	35.1	35.1	35.1	35.1	35.1			
A60	Villa Art Deco Block 2	1.5	12	35.2	35.1	35.1	35.1</				

Operational Air Quality Assessment Results (Year 2042, without Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)													
				1.5	5	10	15	20	50	80	120						
A84b	Shopping Mall under YOHO Midtown (Fresh Air Intake)	15	-					82									
A84c	Shopping Mall under YOHO Midtown (Fresh Air Intake)	20	-						82								
A84d	Kindergarten under YOHO Midtown (Fresh Air Intake)	2	-		82												
A85	Ho Shun Yee Building Block 2	1.5	20	82	82	82	82	82	82	82							
A86	Cheong Wai Building	1.5	19	82	82	82	82	82	82	82							
A87	Kwong Ming Ying Loi School	1.5	7	82	82	82	82	82									
A88	Sun Yuen Long Centre Block 5	20	28						82	82	82						
A89	Tung Tau Tsuen House 2	1.5	3	82	82	82											
A90	Tai Wai Tsuen House 30	1.5	4	82	82	82	82										
A91	Small Traders New Village	1.5	2	82	82	82											
A92	Pok Oi Hospital	1.5	12	82	82	82	82	82	82								
A93	Yeung Uk Tsuen House 10	1.5	3	82	82	82											
A94	Chuk San Tsuen House 17	1.5	3	82	82	82											
A95	Greenfield Lodge Block 1	1.5	2	82	82	82											
A96	Kong Tau San Tsuen House 5	1.5	3	81	81	81											
A97	Tai Kei Leng House 414	1.5	1	81	81												
A98	Shung Ching San Tseun House 49	1.5	3	82	82	82											
A99	Silver Garden House 125B	1.5	3	82	82	82											
A100	Tin Liu Tsuen House 32	1.5	3	82	82	82											
A101	Pak Sha Tsuen	1.5	3	82	82	82											
A102	Wong Nai Tun Tsuen House 47C	1.5	3	82	82	82											
A103	Greenwood Gardens House 397	1.5	3	82	82	82											
A104	Park Signature Block 1	1.5	23	82	82	82	82	82	82	81							
A105_FA	Market of Hung Fuk Estate (Fresh Air Intake)	4	-		81												
A105_D	Market of Hung Fuk Estate (Welfare Facilities)	10	-			81											
A106	Village House along Kung Um Road	1.5	3	82	82	82											
A107	Village House along Kung Um Road	1.5	3	82	82	82											
A108	Shan Ha Tsuen House No. 342	1.5	3	84	84	84											
A109	Shan Ha Tsuen House No. 343A	1.5	3	84	84	84											
A110	Shan Ha Tsuen House No. 345C	1.5	3	82	82	82											
A111	Shan Ha Tsuen House No. 346	1.5	2	82	82	82											
A112	Shan Ha Tsuen House No. 611	1.5	3	84	84	84											
A113	Shan Ha Tsuen House No. 613F	1.5	3	84	84	84											
A114	Sheung Yau Tin Tsuen	1.5	1	81	81												
A115	Le Regent	1.5	3	81	81	81											
A116	Planned Long Bin Development	5	40		82	82	82	81	81	81	81						
A117	Planned Long Bin Development	5	40		83	82	82	82	82	82	82	82					
A118	Planned Long Bin Development	5	40		83	83	83	82	82	82	82	82					
A119	Proposed Hung Shui Kiu Development	5	29		81	81	81	81	81	81	81	81					
A120	Yee Fung Garden Block A	1.5	34	82	81	81	81	81	81	81	81						
A121	Ming Wan Court	1.5	11	82	82	82	82	82									
A122	Yuen Long Villa House No. 252	1.5	3	82	82	82											
A123	Sun Fai Court Block C	1.5	3	82	82	82											
A124	Caritas Yuen Long Chan Chun Ha Secondary School	1.5	6	82	81	81	81	81									
A125	Village House along Ma Tong Road	1.5	3	82	82	81											
A126	Proposed Hung Shui Kiu Development	5	29		81	81	81	81	81	81	81	81					
A127	Uptown House 30	1.5	3	81	81	81											
A128	The Woodside Tower 5	1.5	5	81	81	81	81	81									
A129	Shung Tak Catholic English College	1.5	8	81	81	81	81	81	81								
A130	Village House along Castle Peak Road	1.5	3	81	81	81											
A131	Regent's Park	1.5	3	82	82	82											
A132	One Hyde Park House 7	1.5	3	82	82	82											
A133	Pak Sha Tsuen	1.5	3	82	82	82											
A134	Shan Ha Tsuen House No. 330	1.5	3	84	84	84											
A135	Lam Hau Tsuen House No. 110	1.5	3	82	82	82											
A136	Evergreen Place Tower 5	1.5	4	82	82	82	82										
A137	Proposed Hung Shui Kiu Development	5	29		81	81	81	81	81	81	81						
A138	Lok Kui Lau	1.5	5	82	82	81	81										
A139	Ping Shan Home for The Aged	1.5	3	81	81	81											
A140	Sheltered Structure along Tai Shu Ha Road East	1.5	2	81	81	81											
A141	Village House along Tai Shu Ha Road West	1.5	2	81	81	81											
A142	Sheltered Structure near Shap Pat Heung Interchange	1.5	2	81	81	81											
A143	Kong Tau San Tsuen House No. 61	1.5	3	81	81	81											
A144	Pok Oi Hos. Jockey Club Care and Attention Home	1.5	7	82	82	82	82	82									
A145	Proposed Hung Shui Kiu Development	5	29		81	81	81	81	81	81	81						
A146	Hong Ping Villa Block 1	1.5	3	82	82	81											
A147	Tai On Home for Aged	1.5	3	82	82	81	81										
A148	Ming Sum Home for the Sen	1.5	3	82	82	82	82										
A149	Hung Fuk Estate	1.5	24	81	81	81	81	81	81	81							
A150	Grand Yoho Block 1	20	34						82	82	82						
A150a	Shopping Mall under Grand Yoho (Fresh Air Intake)	8	-		82												
A151	Grand Yoho Block 5	20	40						82	82	82	82					
A152	Grand Yoho Block 9	20	41						82	82	82	82					
A152a	Shopping Mall under Grand Yoho (Fresh Air Intake)	10	-			82											
Existing ASRs (within PDA Boundary) - PDA Area 1																	
W-A1	House 33, Park Villa	1.5	3	81	81	81											
W-A2	House 11, Park Villa	1.5	3	81	81	81											
W-A3	Existing developments (under construction)	1.5	3	81	81	81											
W-A4	Existing developments (under construction)	1.5	3	81	81	81											
W-A5	Block 1, Recours La Serre	1.5	5	81	81	81	81										
W-A6	Block 2, The Parkhill	1.5	4	82	82	82	82										
W-A7	Block 7, Greenville Residence	1.5	5	82	82	82	82										
W-A8	Block 6, Windsor Garden	1.5	5	82	82	82	82										

Cumulative Annual RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)													
				1.5	5	10	15	20	50	80	120						
A84b	Shopping Mall under YOHO Midtown (Fresh Air Intake)	15	-									35.0					
A84c	Shopping Mall under YOHO Midtown (Fresh Air Intake)	20	-										34.9				
A84d	Kindergarten under YOHO Midtown (Fresh Air Intake)	2	-		35.1												
A85	Ho Shun Yee Building Block 2	1.5	20	35.0	35.0	34.9	34.9	34.9	34.9	34.9	34.9						
A86	Cheong Wai Building	1.5	19	35.1	35.1	35.0	34.9	34.9	34.9	34.8							
A87	Kwong Ming Ying Loi School	1.5	7	35.1	35.1	35.1	35.0	35.0									
A88	Sun Yuen Long Centre Block 5	20	28							34.9	34.8	34.7					
A89	Tung Tau Tsuen House 2	1.5	3	35.0	34.9	34.9											
A90	Tai Wai Tsuen House 30	1.5	4	35.0	35.0	34.9	34.9										
A91	Small Traders New Village	1.5	2	34.9	34.9	34.8											
A92	Pok Oi Hospital	1.5	12	35.0	35.0	34.8	34.7	34.7	34.6								
A93	Yeung Uk Tsuen House 10	1.5	3	34.7	34.7	34.7											
A94	Chuk San Tsuen House 17	1.5	3	35.1	35.1	35.1											
A95	Greenfield Lodge Block 1	1.5	2	35.1	35.1	35.1											
A96	Kong Tau San Tsuen House 5	1.5	3	34.8	34.8	34.8											
A97	Tai Kei Leng House 414	1.5	1	34.9	34.9												
A98	Shung Ching San Tseun House 49	1.5	3	35.3	35.3	35.2											
A99	Silver Garden House 125B	1.5	3	35.3	35.3	35.3											
A100	Tin Liu Tsuen House 32	1.5	3	35.2	35.2	35.2											
A101	Pak Sha Tsuen	1.5	3	35.4	35.4	35.4											
A102	Wong Nai Tun Tsuen House 47C	1.5	3	35.4	35.4	35.4											
A103	Greenwood Gardens House 397	1.5	3	35.4	35.4	35.4											
A104	Park Signature Block 1	1.5	23	35.3	35.3	35.3	35.3	35.2	35.1								
A105_FA	Market of Hung Fuk Estate (Fresh Air Intake)	4	-		34.9												
A105_D	Market of Hung Fuk Estate (Welfare Facilities)	10	-			34.9											
A106	Village House along Kung Um Road	1.5	3	35.3	35.3	35.3											
A107	Village House along Kung Um Road	1.5	3	35.3	35.3	35.2											
A108	Shan Ha Tsuen House No. 342	1.5	3														

Operational Air Quality Assessment Results (Year 2042, without Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)														
				1.5	5	10	15	20	50	80	120							
W-A9	Block 1, Marbella Garden	1.5	5	82	82	82	82	82	81	81								
W-A11	Kisland Villa Phase 2	1.5	5	82	82	82	82	82	81	81								
W-A13	Sha Tseng Tsuen	1.5	4	82	82	82	82											
W-A14	Sha Tseng Tsuen	1.5	4	83	83	83	83											
Planned ASRs - PDA Area 2 and Area 3																		
E-P1	Planned Residential	1.5	34	82	82	82	82	82	81	81								
E-P2	Planned Residential	1.5	32	82	82	82	82	82	81	81								
E-P5	Planned Residential	1.5	34	82	82	82	82	82	81	81								
E-P6	Planned Residential	1.5	34	84	84	84	84	84	84	84								
E-P7	Planned Residential	1.5	31	84	84	84	84	84	84	84								
E-P8	Planned Residential	1.5	28	82	82	82	82	82	81	81								
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	82	82	82	82	82										
E-P15	Planned School	1.5	8	82	82	82	82	81										
E-P17	Planned School	1.5	8	82	82	82	81	81										
E-P19	Planned Residential	1.5	11	82	82	82	82	82										
E-P20	Planned Residential	1.5	20	84	84	84	84	84	84									
E-P21	Planned Residential	1.5	22	82	82	82	82	82	81									
E-P23	Planned Residential	1.5	22	84	84	84	84	84	84									
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	84	84	84	84	84										
E-P29	Planned Residential	1.5	11	84	84	84	84	84										
E-P31	Planned Residential	1.5	22	85	85	85	85	85	85									
E-P32	Planned Residential	1.5	20	82	82	82	82	82	82									
E-P33	Planned Residential	1.5	17	85	85	85	85	85	85									
E-P34	Planned Residential	1.5	20	85	85	85	85	85	85									
E-P40	Planned Residential	1.5	18	85	85	85	85	85	85									
E-P42	Planned Residential	1.5	11	85	85	85	85	85										
E-P45	Planned School	1.5	8	85	85	85	85	85										
E-P46	Planned Residential	1.5	8	82	82	82	82	82										
E-P47	Planned Residential	1.5	9	85	85	85	85	85										
Planned ASRs - PDA Area 1																		
W-P2	Planned Residential	1.5	4	81	81	81	81											
W-P4	Planned Residential	1.5	4	83	83	83	83											
W-P6	Planned Residential	1.5	3	83	83	83												
W-P7	Planned Residential	1.5	4	83	83	83	83											
W-P9	Planned Residential	1.5	4	83	83	83	83											
W-P10	Planned Residential	1.5	5	81	81	81	81											
W-P11	Planned Residential	1.5	4	81	81	81	81											
W-P12	Planned Residential	1.5	4	82	82	82	82											
W-P14	Planned Residential	1.5	4	82	82	82	82											
W-P16	Planned Residential	1.5	5	84	84	84	84											
W-P17	Planned Residential	1.5	4	82	82	82	82											
W-P20	Planned Social Welfare Facility	1.5	4	82	82	82	82	82										
W-P21	Planned Residential	1.5	12	82	82	82	82	82										
W-P22	Planned Residential	1.5	12	82	82	82	82	82										
W-P25	Planned Residential	1.5	4	82	82	82	82											
W-P26	Planned Residential	1.5	4	82	82	82	82											
W-P27	Planned Residential	1.5	4	84	84	84	84											
W-P29	Planned Residential	1.5	5	84	84	84	84											
W-P31	Planned Residential	1.5	4	83	83	83	83											

Note:
For A84a, A84d, A105_FA, and A150a, the predicted concentrations at their fresh air intakes at 6m, 2m, 4m and 8m above ground are presented respectively.

Cumulative Annual RSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)														
				1.5	5	10	15	20	50	80	120							
W-A9	Block 1, Marbella Garden	1.5	5	35.1	35.1	35.1	35.1											
W-A11	Kisland Villa Phase 2	1.5	5	35.1	35.1	35.1	35.1											
W-A13	Sha Tseng Tsuen	1.5	4	35.2	35.2	35.2	35.2											
W-A14	Sha Tseng Tsuen	1.5	4	35.3	35.3	35.2	35.2											
Planned ASRs - PDA Area 2 and Area 3																		
E-P1	Planned Residential	1.5	34	35.2	35.2	35.2	35.2	35.2	35.1	35.0								
E-P2	Planned Residential	1.5	32	35.2	35.2	35.2	35.2	35.2	35.1	35.0								
E-P5	Planned Residential	1.5	34	35.3	35.3	35.3	35.2	35.2	35.2	35.1								
E-P6	Planned Residential	1.5	34	35.8	35.8	35.7	35.7	35.7	35.6	35.6								
E-P7	Planned Residential	1.5	31	35.8	35.8	35.7	35.7	35.7	35.6	35.6								
E-P8	Planned Residential	1.5	28	35.3	35.2	35.2	35.2	35.2	35.2	35.1								
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	35.3	35.2	35.2	35.2	35.2										
E-P15	Planned School	1.5	8	35.2	35.2	35.2	35.2	35.2										
E-P17	Planned School	1.5	8	35.2	35.2	35.2	35.2	35.2										
E-P19	Planned Residential	1.5	11	35.2	35.2	35.2	35.2	35.2										
E-P20	Planned Residential	1.5	20	35.7	35.7	35.7	35.7	35.7	35.6									
E-P21	Planned Residential	1.5	22	35.2	35.2	35.2	35.2	35.2	35.2									
E-P23	Planned Residential	1.5	22	35.7	35.7	35.7	35.7	35.7	35.6									
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	35.8	35.8	35.7	35.7	35.7										
E-P29	Planned Residential	1.5	11	35.7	35.7	35.7	35.7	35.7										
E-P31	Planned Residential	1.5	22	35.8	35.8	35.8	35.7	35.7	35.7									
E-P32	Planned Residential	1.5	20	35.4	35.4	35.4	35.4	35.4	35.4									
E-P33	Planned Residential	1.5	17	35.8	35.8	35.8	35.8	35.7	35.7									
E-P34	Planned Residential	1.5	20	35.8	35.8	35.8	35.7	35.7	35.7									
E-P40	Planned Residential	1.5	18	35.8	35.8	35.7	35.7	35.7	35.7									
E-P42	Planned Residential	1.5	11	35.8	35.8	35.7	35.7	35.7										
E-P45	Planned School	1.5	8	35.8	35.8	35.7	35.7	35.7										
E-P46	Planned Residential	1.5	8	35.4	35.4	35.4	35.4	35.4										
E-P47	Planned Residential	1.5	9	35.7	35.7	35.7	35.7	35.7										
Planned ASRs - PDA Area 1																		
W-P2	Planned Residential	1.5	4	34.8	34.8	34.8	34.8											
W-P4	Planned Residential	1.5	4	35.7	35.7	35.6	35.6											
W-P6	Planned Residential	1.5	3	35.7	35.6	35.6												
W-P7	Planned Residential	1.5	4	35.7	35.7	35.6	35.6											
W-P9	Planned Residential	1.5	4	35.7	35.7	35.6	35.6											
W-P10	Planned Residential	1.5	5	34.8	34.8	34.8	34.8											
W-P11	Planned Residential	1.5	4	34.8	34.8	34.8	34.8											
W-P12	Planned Residential	1.5	4	35.1	35.1	35.1	35.1											
W-P14	Planned Residential	1.5	4	35.1	35.1	35.1	35.1											
W-P16	Planned Residential	1.5	5	35.7	35.7	35.7	35.7											

Operational Air Quality Assessment Results (Year 2042, without Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	61	61	61					
A3	House no. 95, Tai Tao Tsuen	1.5	3	61	61	61					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	61	61						
A6	House no. 176A, Fui Sha Wai	1.5	3	61	61	61					
A7	Village House, Ping Tong Street South	1.5	2	61	61	61					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	62	62						
A9	New Territories Assemblies of God Church	1.5	6	62	62	62	62	62			
A10	Block 10, Jasper Court	1.5	4	62	62	62	62				
A11	School	1.5	4	62	62	62	62	62			
A12	Village House, Lam Yu Road	1.5	1	62	62						
A13	Elchk Lutheran Academy	1.5	8	62	62	62	62	62			
A15	Village House, Lam Hei Road	1.5	1	61	61						
A16	Village House, Lam Hei Road	1.5	2	61	61	61					
A17	Sheltered Structure, Lam Hei Road	1.5	1	61	61						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	61	61						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	62	62	62					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	62	62	62					
A21	House no. 324, Shan Ha Tsuen	1.5	3	63	63	63					
A22	House no. 645, Shan Ha Tsuen	1.5	3	63	63	63					
A23	House no. 193, Kung Um Road	1.5	3	61	61	61					
A24	House no. 132, Sun Mei Garden	1.5	4	61	61	61	61				
A25	House no. 293, Kung Um Road	1.5	3	61	61	61					
A26	Block 10, Chun Fai Garden	1.5	3	61	61	61					
A27	House no. 161, Kung Um Road	1.5	3	61	61	61					
A28	Village House, Kung Um Road	1.5	3	61	61	61					
A29	House no. 366A, Kung Um Road	1.5	3	61	61	61					
A30	Sheltered Structure, Kung Um Road	1.5	3	64	64	64					
A31	House no. 31B, Kung Um Road	1.5	3	61	61	61					
A32	House no. 241, Kiu Hing Road	1.5	3	61	61	61					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	61	61	61					
A34	House no. 128, Kung Um Road	1.5	2	64	64	64					
A35	House no. 117, Kung Um Road	1.5	1	64	64						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	62	62						
A37	Uptown Tower 1	1.5	19	61	61	61	61	61	61		
A38	Chinese Mission Seminary	1.5	2	61	61	61					
A39	Fui Sha Wai Playground	1.5	1	61	61						
A40	Tower 8, Imperial Villas II	1.5	5	61	61	61					
A41	Energy Industrial Centre Block B	1.5	3	64	63	61					
A42	Block 1, Parkside Villa	5	11		62	62	62	62			
A43	Block 2, Emerald Green	1.5	25	61	61	61	61	61	61	61	
A44	House no. 49A, Lung Tin Tsuen	1.5	3	61	61	61					
A45	House no. 139A	1.5	3	61	61	61					
A46	House no. 101, Sham Chung Tsuen	1.5	3	62	62	61					
A47	Meadowlands Block 33	1.5	5	61	61	61	61				
A48	Po Kok Branch School	1.5	3	61	61	61	61				
A49	Treasure Court Block 7	1.5	6	61	61	61	61	61			
A50	Beauty Court Block 2	1.5	11	61	61	61	61	61			
A51	Park Nara Tower 1	1.5	12	61	61	61	61	61	61		
A52	Hung Uk Garden	1.5	3	61	61	61					
A53	Green Lodge House 16	1.5	3	62	62	62					
A54	Ping Shan Garden Block 6	1.5	3	61	61	61					
A55	Villa Sunshine Block 1	1.5	4	61	61	61	61				
A56	Park Royale Block 10	5	11		61	61	61	61			
A57	Park Royale Block 2	5	11		61	61	61	61			
A58	Po Leung Kuk Law's Foundation School	1.5	2	62	62	62					
A59	Yuen Long Public Secondary School	1.5	8	62	62	62	62	62			
A60	Villa Art Deco Block 2	1.5	12	62	62	62	62	62			
A61	Gertrude Simon Lutheran College	1.5	8	61	61	61	61	61			
A62	Yuen Long Public Middle School Alumni Association Primary School	1.5	7	61	61	61	61	61			
A63	Silver Field Garden Block 17	1.5	3	61	61	61					
A64	La Grove Block 1	1.5	20	61	61	61	61	61	61		
A65	Ma Tin Tsuen House 242	1.5	3	61	61	61					
A66	Teng Lung Villa	1.5	3	61	61	61					
A67	Yuen Long Baptist Church	1.5	2	61	61	61					
A68	Fraser Village House 54	1.5	2	61	61	61					
A69	The Brand	1.5	21	61	61	61	61	61	61		
A70	Sereno Verde Block 2	1.5	14	61	61	61	61	61	61		
A71	La Pradera Block 12	1.5	15	61	61	61	61	61			
A72	The Reach Tower 2	1.5	25	61	61	61	61	61	61		
A73	The Reach Tower 6	1.5	25	61	61	61	61	61	61		
A74	Tai Kei Leng House 145	1.5	2	61	61	61					
A75	Christian & Missionary Alliance Chui Chak Lam Memorial School	1.5	8	61	61	61	61	61			
A76	Grand de Sol Block 15	1.5	12	61	61	61	61	61	61		
A77	Grand de Sol Block 8	1.5	12	61	61	61	61	61			
A78	Hoover Garden Block 4	1.5	3	61	61	61					
A79	Ha Yau Tin Tsuen House 2	1.5	3	61	61	61					
A80	Buddhist Wing Yan School	1.5	8	61	61	61	61	61			
A81	Fortune Centre	1.5	22	61	61	61	61	61	61		
A82	YOHO Town Block 6	1.5	34	61	61	61	61	61	61	61	
A83	YOHO Town Block 9	1.5	35	61	61	61	61	61	61	61	
A84	YOHO Midtown Block 5	15	33				61	61	61	61	
A84a	Shopping Mall under YOHO Midtown (Fresh Air Intake)	6	-		62						

Cumulative Annual FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)							
				1.5	5	10	15	20	50	80	120
Existing / Planned ASRs (Outside PDA Boundary)											
A2	House no. 40, Tai Tao Tsuen	1.5	3	24.9	24.9	24.9					
A3	House no. 95, Tai Tao Tsuen	1.5	3	25.0	25.0	24.9					
A4	Sheltered Structure, Fui Sha Wai South Road	1.5	1	25.0	25.0						
A6	House no. 176A, Fui Sha Wai	1.5	3	25.0	25.0	25.0					
A7	Village House, Ping Tong Street South	1.5	2	25.0	25.1	25.1					
A8	House no. 48, Tong Yan San Tsuen Road	1.5	1	25.3	25.2						
A9	New Territories Assemblies of God Church	1.5	6	25.1	25.1	25.0	25.0	25.0			
A10	Block 10, Jasper Court	1.5	4	25.2	25.2	25.1	25.1				
A11	School	1.5	4	25.1	25.1	25.0	25.0	25.0			
A12	Village House, Lam Yu Road	1.5	1	25.1	25.1						
A13	Elchk Lutheran Academy	1.5	8	25.0	25.0	25.0	25.0	25.0			
A15	Village House, Lam Hei Road	1.5	1	25.2	25.2						
A16	Village House, Lam Hei Road	1.5	2	25.2	25.2	25.1					
A17	Sheltered Structure, Lam Hei Road	1.5	1	25.2	25.2						
A18	Sheltered Structure no. 66 Kiu Hing Road	1.5	1	25.2	25.2						
A19	Sheltered Structure no. 196A, Lam Hau Tsuen	1.5	2	25.0	25.0	24.9					
A20	House no. 89A, Lam Hau Tsuen	1.5	2	25.2	25.1	25.1					
A21	House no. 324, Shan Ha Tsuen	1.5	3	25.4	25.4	25.4					
A22	House no. 645, Shan Ha Tsuen	1.5	3	25.4	25.4	25.4					
A23	House no. 193, Kung Um Road	1.5	3	25.1	25.1	25.0					
A24	House no. 132, Sun Mei Garden	1.5	4	25.2	25.1	25.1	25.1				
A25	House no. 293, Kung Um Road	1.5	3	25.1	25.1	25.1					
A26	Block 10, Chun Fai Garden	1.5	3	25.1	25.1	25.0					
A27	House no. 161, Kung Um Road	1.5	3	25.0	25.0	25.0					
A28	Village House, Kung Um Road	1.5	3	25.0	25.0	25.0					
A29	House no. 366A, Kung Um Road	1.5	3	25.0	25.0	25.0					
A30	Sheltered Structure, Kung Um Road	1.5	3	25.4	25.4	25.4					
A31	House no. 31B, Kung Um Road	1.5	3	25.2	25.2	25.2					
A32	House no. 241, Kiu Hing Road	1.5	3	25.2	25.2	25.2					
A33	House no. 67A, Wong Nai Tun Tsuen	1.5	3	25.1	25.1	25.1					
A34	House no. 128, Kung Um Road	1.5	2	25.4	25.4	25.4					
A35	House no. 117, Kung Um Road	1.5	1	26.1	26.1						
A36	Sheltered Structure no. 375, Tai To Tsuen	1.5	1	25.5	25.5						
A37	Uptown Tower 1	1.5	19	24.9	24.9	24.8	24.8	24.8	24.7		
A38	Chinese Mission Seminary	1.5	2	24.8	24.8	24.8					
A39	Fui Sha Wai Playground	1.5	1	24.9	24.9						
A40	Tower 8, Imperial Villas II	1.5	5	24.9	24.9	24.9	24.8				
A41	Energy Industrial Centre Block B	1.5	3	26.5	26.3	25.6					
A42	Block 1, Parkside Villa	5	11		25.1	25.0	25.0	25.0			
A43	Block 2, Emerald Green	1.5	25	25.0	25.0	25.0	25.0	25.0	24.9		
A44	House no. 49A, Lung Tin Tsuen	1.5	3	25.1	25.1	25.1					
A45	House no. 139A	1.5	3	25.2	25.2	25.2					
A46	House no. 101, Sham Chung Tsuen	1.5	3	25.2	25.1	25.1					
A47	Meadowlands Block 33	1.5	5	25.5	25.5	25.5	25.4				
A48	Po Kok Branch School	1.5	3	25.5	25.5	25.5	25.5				
A49	Treasure Court Block 7	1.5	6	24.8	24.8	24.7	24.7	24.7			
A50	Beauty Court Block 2	1.5	11	24.8	24.8	24.7	24.7	24.7			
A51	Park Nara Tower 1	1.5	12	24.8	24.8	24.7	24.7	24.7			
A52	Hung Uk Garden	1.5	3	24.8	24.8	24.8					
A53	Green Lodge House 16	1.5	3	25.0	25.0	25.0					
A54	Ping Shan Garden Block 6	1.5	3	24.9	24.9	24.8					
A55	Villa Sunshine Block 1	1.5	4	24.9	24.9	24.8	24.8				
A56	Park Royale Block 10	5	11		24.8	24.8	24.8	24.8			
A57	Park Royale Block 2	5	11		24.9	24.8	24.8	24.8			
A58	Po Leung Kuk Law's Foundation School	1.5	2	25.0	25.0	25.0					
A59	Yuen Long Public Secondary School	1.5	8	25.0	25.0	25.0	25.0	24.9	24.9		
A60	Villa Art Deco Block 2	1.5	12	25.0	25.0	25.0	24.9	24.9			

Operational Air Quality Assessment Results (Year 2042, without Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)															
				1.5	5	10	15	20	50	80	120								
A84b	Shopping Mall under YOHO Midtown (Fresh Air Intake)	15	-				61												
A84c	Shopping Mall under YOHO Midtown (Fresh Air Intake)	20	-					61											
A84d	Kindergarten under YOHO Midtown (Fresh Air Intake)	2	-		62														
A85	Ho Shun Yee Building Block 2	1.5	20	61	61	61	61	61	61	61									
A86	Cheong Wai Building	1.5	19	62	61	61	61	61	61	61									
A87	Kwong Ming Ying Loi School	1.5	7	62	62	61	61	61											
A88	Sun Yuen Long Centre Block 5	20	28						61	61									
A89	Tung Tau Tsuen House 2	1.5	3	61	61	61													
A90	Tai Wai Tsuen House 30	1.5	4	61	61	61	61												
A91	Small Traders New Village	1.5	2	61	61	61													
A92	Pok Oi Hospital	1.5	12	61	61	61	61	61	61										
A93	Yeung Uk Tsuen House 10	1.5	3	61	61	61													
A94	Chuk San Tsuen House 17	1.5	3	61	61	61													
A95	Greenfield Lodge Block 1	1.5	2	61	61	61													
A96	Kong Tau San Tsuen House 5	1.5	3	61	61	61													
A97	Tai Kei Leng House 414	1.5	1	61	61														
A98	Shung Ching San Tseun House 49	1.5	3	62	62	62													
A99	Silver Garden House 125B	1.5	3	61	61	61													
A100	Tin Liu Tsuen House 32	1.5	3	61	61	61													
A101	Pak Sha Tsuen	1.5	3	61	61	61													
A102	Wong Nai Tun Tsuen House 47C	1.5	3	61	61	61													
A103	Greenwood Gardens House 397	1.5	3	61	61	61													
A104	Park Signature Block 1	1.5	23	61	61	61	61	61	61										
A105_FA	Market of Hung Fuk Estate (Fresh Air Intake)	4	-		61														
A105_D	Market of Hung Fuk Estate (Welfare Facilities)	10	-			61													
A106	Village House along Kung Um Road	1.5	3	61	61	61													
A107	Village House along Kung Um Road	1.5	3	61	61	61													
A108	Shan Ha Tsuen House No. 342	1.5	3	63	63	63													
A109	Shan Ha Tsuen House No. 343A	1.5	3	63	63	63													
A110	Shan Ha Tsuen House No. 345C	1.5	3	62	62	62													
A111	Shan Ha Tsuen House No. 346	1.5	2	62	62	62													
A112	Shan Ha Tsuen House No. 611	1.5	3	63	63	63													
A113	Shan Ha Tsuen House No. 613F	1.5	3	63	63	63													
A114	Sheung Yau Tin Tsuen	1.5	1	61	61														
A115	Le Regent	1.5	3	61	61	61													
A116	Planned Long Bin Development	5	40		61	61	61	61	61	61	61								
A117	Planned Long Bin Development	5	40		62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
A118	Planned Long Bin Development	5	40		62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
A119	Proposed Hung Shui Kiu Development	5	29		61	61	61	61	61	61	61	61	61	61	61	61	61	61	60
A120	Yee Fung Garden Block A	1.5	34	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
A121	Ming Wan Court	1.5	11	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
A122	Yuen Long Villa House No. 252	1.5	3	61	61	61													
A123	Sun Fai Court Block C	1.5	3	61	61	61													
A124	Caritas Yuen Long Chan Chun Ha Secondary School	1.5	6	61	61	61	61	61											
A125	Village House along Ma Tong Road	1.5	3	61	61	61													
A126	Proposed Hung Shui Kiu Development	5	29		61	61	61	61	61	61	61	61	61	61	61	61	61	61	60
A127	Uptown House 30	1.5	3	61	61	61													
A128	The Woodside Tower 5	1.5	5	61	61	61	61	61											
A129	Shung Tak Catholic English College	1.5	8	61	61	61	61	61	61										
A130	Village House along Castle Peak Road	1.5	3	61	61	61													
A131	Regent's Park	1.5	3	61	61	61													
A132	One Hyde Park House 7	1.5	3	62	61	61													
A133	Pak Sha Tsuen	1.5	3	61	61	61													
A134	Shan Ha Tsuen House No. 330	1.5	3	63	63	63													
A135	Lam Hau Tsuen House No. 110	1.5	3	62	62	62													
A136	Evergreen Place Tower 5	1.5	4	62	62	62	62												
A137	Proposed Hung Shui Kiu Development	5	29		61	61	61	61	61	61	61	61	61	61	61	61	61	61	60
A138	Lok Kui Lau	1.5	5	61	61	61	61	61											
A139	Ping Shan Home for The Aged	1.5	3	61	61	61													
A140	Sheltered Structure along Tai Shu Ha Road East	1.5	2	61	61	61													
A141	Village House along Tai Shu Ha Road West	1.5	2	61	61	61													
A142	Sheltered Structure near Shap Pat Heung Interchange	1.5	2	61	61	61													
A143	Kong Tau San Tsuen House No. 61	1.5	3	61	61	61													
A144	Pok Oi Hos. Jockey Club Care and Attention Home	1.5	7	61	61	61	61	61	61										
A145	Proposed Hung Shui Kiu Development	5	29		61	61	61	61	61	61	61	61	61	61	61	61	61	61	60
A146	Hong Ping Villa Block 1	1.5	3	61	61	61													
A147	Tai On Home for Aged	1.5	3	61	61	61	61												
A148	Ming Sum Home for the Sen	1.5	3	61	61	61	61	61											
A149	Hung Fuk Estate	1.5	24	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
A150	Grand Yoho Block 1	20	34						61	61	61								
A150a	Shopping Mall under Grand Yoho (Fresh Air Intake)	8	-		62														
A151	Grand Yoho Block 5	20	40						61	61	61	61	61	61	61	61	61	61	61
A152	Grand Yoho Block 9	20	41						61	61	61	61	61	61	61	61	61	61	61
A152a	Shopping Mall under Grand Yoho (Fresh Air Intake)	10	-			62													
Existing ASRs (within PDA Boundary) - PDA Area 1																			
W-A1	House 33, Park Villa	1.5	3	61	61	61													
W-A2	House 11, Park Villa	1.5	3	61	61	61													
W-A3	Existing developments (under construction)	1.5	3	61	61	61													
W-A4	Existing developments (under construction)	1.5	3	61	61	61													
W-A5	Block 1, Recours La Serre	1.5	5	61	61	61	61												
W-A6	Block 2, The Parkhill	1.5	4	62	62	62	62												
W-A7	Block 7, Greenville Residence	1.5	5	62	62	62	62												
W-A8	Block 6, Windsor Garden	1.5	5	62	62	62	62												

Cumulative Annual FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)																
				1.5	5	10	15	20	50	80	120									
A84b	Shopping Mall under YOHO Midtown (Fresh Air Intake)	15	-																	
A84c	Shopping Mall under YOHO Midtown (Fresh Air Intake)	20	-																	
A84d	Kindergarten under YOHO Midtown (Fresh Air Intake)	2	-		25.0															
A85	Ho Shun Yee Building Block 2	1.5	20	24.9	24.9	24.8	24.8	24.8	24.7											
A86	Cheong Wai Building	1.5	19	25.0	25.0	24.9	24.9	24.8	24.7											
A87	Kwong Ming Ying Loi School	1.5	7	25.0	25.0	25.0	24.9	24.9												
A88	Sun Yuen Long Centre Block 5	20	28						24.9	24.7	24.7									
A89	Tung Tau Tsuen House 2	1.5	3	24.9	24.9	24.8														
A90	Tai Wai Tsuen House 30	1.5	4	24.9	24.9	24.9	24.8													
A91	Small Traders New Village	1.5	2	24.8	24.8	24.8														
A92	Pok Oi Hospital	1.5	12	24.9	24.9	24.8	24.7	24.7	24.6											
A93	Yeung Uk Tsuen House 10	1.5	3	24.6	24.6	24.6														
A94	Chuk San Tsuen House 17	1.5	3	25.0	25.0	25.0														
A95	Greenfield Lodge Block 1	1.5	2	24.9	24.9	24.9														
A96	Kong Tau San Tsuen House 5	1.5	3	24.8	24.8	24.7														
A97	Tai Kei Leng House 414	1.5	1	24.8	24.8															
A98	Shung Ching San Tseun House 49	1.5	3	25.1	25.1	25.1														
A99	Silver Garden House 125B	1.5	3	25.1																

Operational Air Quality Assessment Results (Year 2042, without Recommended Direct Technical Noise Remedies)

Cumulative 10th highest 24-hour FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)								
				1.5	5	10	15	20	50	80	120	
W-A9	Block 1, Marbella Garden	1.5	5	62	62	62	62					
W-A11	Kisland Villa Phase 2	1.5	5	62	62	62	62					
W-A13	Sha Tseng Tsuen	1.5	4	62	62	62	62					
W-A14	Sha Tseng Tsuen	1.5	4	62	62	62	62					
Planned ASRs - PDA Area 2 and Area 3												
E-P1	Planned Residential	1.5	34	61	61	61	61	61	61	61		
E-P2	Planned Residential	1.5	32	61	61	61	61	61	61	61		
E-P5	Planned Residential	1.5	34	61	61	61	61	61	61	61		
E-P6	Planned Residential	1.5	34	63	63	63	63	63	63	63		
E-P7	Planned Residential	1.5	31	63	63	63	63	63	63	63		
E-P8	Planned Residential	1.5	28	61	61	61	61	61	61	61		
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	61	61	61	61	61				
E-P15	Planned School	1.5	8	61	61	61	61	61				
E-P17	Planned School	1.5	8	61	61	61	61	61				
E-P19	Planned Residential	1.5	11	61	61	61	61	61				
E-P20	Planned Residential	1.5	20	63	63	63	63	63	63			
E-P21	Planned Residential	1.5	22	61	61	61	61	61	61			
E-P23	Planned Residential	1.5	22	63	63	63	63	63	63			
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	63	63	63	63	63				
E-P29	Planned Residential	1.5	11	63	63	63	63	63				
E-P31	Planned Residential	1.5	22	64	64	64	64	64	64			
E-P32	Planned Residential	1.5	20	61	61	61	61	61	61			
E-P33	Planned Residential	1.5	17	64	64	64	64	64	64			
E-P34	Planned Residential	1.5	20	64	64	64	64	64	64			
E-P40	Planned Residential	1.5	18	64	64	64	64	64	64			
E-P42	Planned Residential	1.5	11	64	64	64	64	64				
E-P45	Planned School	1.5	8	64	64	64	64	64				
E-P46	Planned Residential	1.5	8	61	61	61	61	61				
E-P47	Planned Residential	1.5	9	64	64	64	64	64				
Planned ASRs - PDA Area 1												
W-P2	Planned Residential	1.5	4	61	61	61	61					
W-P4	Planned Residential	1.5	4	62	62	62	62					
W-P6	Planned Residential	1.5	3	62	62	62						
W-P7	Planned Residential	1.5	4	62	62	62	62					
W-P9	Planned Residential	1.5	4	62	62	62	62					
W-P10	Planned Residential	1.5	5	61	61	61	61					
W-P11	Planned Residential	1.5	4	61	61	61	61					
W-P12	Planned Residential	1.5	4	62	62	62	62					
W-P14	Planned Residential	1.5	4	62	62	62	62					
W-P16	Planned Residential	1.5	5	63	63	63	63					
W-P17	Planned Residential	1.5	4	62	62	62	62					
W-P20	Planned Social Welfare Facility	1.5	4	62	62	62	62	62				
W-P21	Planned Residential	1.5	12	62	62	62	62	62				
W-P22	Planned Residential	1.5	12	62	62	62	62	62				
W-P25	Planned Residential	1.5	4	62	62	62	62					
W-P26	Planned Residential	1.5	4	62	62	62	62					
W-P27	Planned Residential	1.5	4	63	63	63	63					
W-P29	Planned Residential	1.5	5	63	63	63	63					
W-P31	Planned Residential	1.5	4	62	62	62	62					

Note:
For A84a, A84d, A105_FA, and A150a, the predicted concentrations at their fresh air intakes at 6m, 2m, 4m and 8m above ground are presented respectively.

Cumulative Annual FSP Concentrations

ASR ID	Location	Lowest Height	No. of Storey	Concentrations (ug/m3)								
				1.5	5	10	15	20	50	80	120	
W-A9	Block 1, Marbella Garden	1.5	5	25.0	25.0	24.9	24.9					
W-A11	Kisland Villa Phase 2	1.5	5	25.0	25.0	25.0	24.9					
W-A13	Sha Tseng Tsuen	1.5	4	25.0	25.0	25.0	25.0					
W-A14	Sha Tseng Tsuen	1.5	4	25.1	25.1	25.1	25.0					
Planned ASRs - PDA Area 2 and Area 3												
E-P1	Planned Residential	1.5	34	25.0	25.0	25.0	25.0	25.0	24.9	24.9		
E-P2	Planned Residential	1.5	32	25.1	25.1	25.0	25.0	25.0	24.9	24.9		
E-P5	Planned Residential	1.5	34	25.1	25.1	25.1	25.0	25.0	25.0	25.0		
E-P6	Planned Residential	1.5	34	25.5	25.4	25.4	25.4	25.4	25.3	25.3		
E-P7	Planned Residential	1.5	31	25.4	25.4	25.4	25.4	25.4	25.3	25.3		
E-P8	Planned Residential	1.5	28	25.1	25.1	25.0	25.0	25.0	25.0	25.0		
E-P14	Planned Clinic / Social Welfare Facility / Community Hall	1.5	6	25.1	25.1	25.0	25.0	25.0				
E-P15	Planned School	1.5	8	25.0	25.0	25.0	25.0	25.0				
E-P17	Planned School	1.5	8	25.0	25.0	25.0	25.0	25.0				
E-P19	Planned Residential	1.5	11	25.0	25.0	25.0	25.0	25.0				
E-P20	Planned Residential	1.5	20	25.4	25.4	25.4	25.4	25.3	25.3			
E-P21	Planned Residential	1.5	22	25.0	25.0	25.0	25.0	25.0	25.0			
E-P23	Planned Residential	1.5	22	25.4	25.4	25.4	25.4	25.3	25.3			
E-P25	Planned Fire Station & Ambulance Depot	1.5	9	25.5	25.4	25.4	25.4	25.3				
E-P29	Planned Residential	1.5	11	25.4	25.4	25.4	25.3	25.3				
E-P31	Planned Residential	1.5	22	25.4	25.4	25.4	25.4	25.4	25.4			
E-P32	Planned Residential	1.5	20	25.2	25.2	25.2	25.1	25.1	25.1			
E-P33	Planned Residential	1.5	17	25.4	25.4	25.4	25.4	25.4	25.4			
E-P34	Planned Residential	1.5	20	25.5	25.4	25.4	25.4	25.4	25.4			
E-P40	Planned Residential	1.5	18	25.4	25.4	25.4	25.4	25.4	25.4			
E-P42	Planned Residential	1.5	11	25.4	25.4	25.4	25.4	25.4				
E-P45	Planned School	1.5	8	25.4	25.4	25.4	25.4	25.4				
E-P46	Planned Residential	1.5	8	25.2	25.2	25.1	25.1	25.1				
E-P47	Planned Residential	1.5	9	25.4	25.4	25.4	25.4	25.4				
Planned ASRs - PDA Area 1												
W-P2	Planned Residential	1.5	4	24.8	24.7	24.7	24.7					
W-P4	Planned Residential	1.5	4	25.3	25.3	25.3	25.3					
W-P6	Planned Residential	1.5	3	25.3	25.3	25.3						
W-P7	Planned Residential	1.5	4	25.4	25.3	25.3	25.3					
W-P9	Planned Residential	1.5	4	25.3	25.3	25.3	25.3					
W-P10	Planned Residential	1.5	5	24.7	24.7	24.7	24.7					
W-P11	Planned Residential	1.5	4	24.8	24.7	24.7	24.7					
W-P12	Planned Residential	1.5	4	25.0	24.9	24.9	24.9					
W-P14	Planned Residential	1.5	4	25.0	25.0	24.9	24.9					
W-P16	Planned Residential	1.5	5	25.4	25.4	25.4	25.4					
W-P17	Planned Residential	1.5	4	24.9	24.9	24.9	24.9					
W-P20	Planned Social Welfare Facility	1.5	4	25.0	25.0	25.0	25.0	24.9				
W-P21	Planned Residential	1.5	12	25.1	25.0	25.0	25.0	24.9				
W-P22	Planned Residential	1.5	12	25.0	25.0	25.0	25.0	25.0				
W-P25	Planned Residential	1.5	4	25.0	25.0	24.9	24.9					
W-P26	Planned Residential	1.5	4	25.0	25.0	24.9	24.9					
W-P27	Planned Residential	1.5	4	25.4	25.4	25.4	25.4					
W-P29	Planned Residential	1.5	5	25.4	25.4	25.4	25.3					
W-P31	Planned Residential	1.5	4	25.3	25.3	25.3	25.3					