

## **Appendix 4.10**

### **Detailed Results of the Operational Air Quality Assessment**

Detailed Predicted NO2 Concentrations (West Portion)

Cumulative 1-hour NO2 Concentrations

ASR ID	Location	No. of Storey	1-hour NO2 Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
W-A1	Yau Ma Tei Catholic Primary School (Hoi Wang Road)	8	251	251	250	237	237					
W-A2	Charming Garden Block 12	23	264	254	254	243	237	238	242	247	249	246
W-A3	Yau Ma Tei Catholic Primary School (Tung Kun Street)	7	273	270	263	263	262					
W-A4	Prosperous Garden Block 1	28	283	282	281	268	263	263	262	262	261	261
W-A5	The Coronation	30	268	266	263	262	261	261	261	260	259	258
W-A6	Man Cheong Building	18	280	280	278	265	264	263	262	262	261	
W-A7	Kum Lam Building	12	284	283	278	265	265	264	263			
W-A8	Dickson Building	18	284	282	278	266	265	264	263	263	262	
W-A9	Yau Ma Tei Jockey Club Polyclinic	10	282	282	281	276	264	264				
W-A10	Alhambra Building	15	286	286	285	281	270	262	261	261		
W-A11	Hong Kong Community College (HKCC) of the HK	19	278	278	264	247	245	245	242	240	246	253
W-A12	Civil Aid Service Headquarter	9	262	262	262	261	260	257				
W-A13	Park Avenue Tower 10	35	245	243	239	237	236	232	230	229	228	228
W-A14	Charming Garden Block 1	22	251	250	242	237	233	230	229	228	228	228
W-A15	HKMA David Po College	8	251	251	250	239	236					
W-P1	Reprovisioned Yau Ma Tei Police Station (Planned)	4	263	263	263	262						
W-P3	West Kowloon Government Offices (Planned)	25	277	267	250	237	234	230	229	228	228	228
W-P4	Indoor Recreation Centre (Planned)	-	277	250	240	236	230	229	228	228	228	228
W-P5	Hong Kong Red Cross Headquarters (Planned)	-	276	257	238	234	229	228	228	228	228	228
W-P6	Refuse Collection Point and street Sleepers' Shelters (Planned)	4	247	246	242	237						
W-P7	Primary School (Planned)	8	263	262	262	262	261					
W-P8	Hindu Temple (Planned)	10	262	262	262	261	260	259				

Cumulative 24-hour NO2 Concentrations

ASR ID	Location	No. of Storey	24-hour NO2 Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
W-A1	Yau Ma Tei Catholic Primary School (Hoi Wang Road)	8	104	103	101	98	97					
W-A2	Charming Garden Block 12	23	107	106	104	101	98	97	97	96	95	95
W-A3	Yau Ma Tei Catholic Primary School (Tung Kun Street)	7	125	124	122	115	110					
W-A4	Prosperous Garden Block 1	28	122	121	119	115	110	106	103	101	100	98
W-A5	The Coronation	30	119	118	117	113	109	105	102	99	97	95
W-A6	Man Cheong Building	18	122	120	119	115	112	107	104	101	99	
W-A7	Kum Lam Building	12	132	128	125	122	117	112	107			
W-A8	Dickson Building	18	131	127	123	119	114	109	104	101	99	
W-A9	Yau Ma Tei Jockey Club Polyclinic	10	125	123	121	116	111	107				
W-A10	Alhambra Building	15	125	124	122	114	106	103	101	99		
W-A11	Hong Kong Community College (HKCC) of the HK	19	114	113	109	103	100	98	97	96	96	95
W-A12	Civil Aid Service Headquarter	9	125	124	121	113	107	102				
W-A13	Park Avenue Tower 10	35	99	99	98	97	97	96	96	95	95	95
W-A14	Charming Garden Block 1	22	103	100	99	98	97	96	96	95	95	95
W-A15	HKMA David Po College	8	100	99	99	98	97					
W-P1	Reprovisioned Yau Ma Tei Police Station (Planned)	4	118	118	117	114						
W-P3	West Kowloon Government Offices (Planned)	25	114	109	106	99	97	96	96	95	95	95
W-P4	Indoor Recreation Centre (Planned)	-	114	108	104	98	97	96	95	95	95	94
W-P5	Hong Kong Red Cross Headquarters (Planned)	-	110	107	102	98	97	96	95	95	94	94
W-P6	Refuse Collection Point and street Sleepers' Shelters (Planned)	4	116	115	113	107						
W-P7	Primary School (Planned)	8	120	120	118	114	109					
W-P8	Hindu Temple (Planned)	10	122	121	119	114	108	103				

Cumulative Annual NO2 Concentrations

ASR ID	Location	No. of Storey	Annual NO2 Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
W-A1	Yau Ma Tei Catholic Primary School (Hoi Wang Road)	8	57.3	56.1	54.1	50.8	47.5					
W-A2	Charming Garden Block 12	23	59.2	57.1	55.1	51.5	47.8	44.5	41.9	39.9	38.3	37.2
W-A3	Yau Ma Tei Catholic Primary School (Tung Kun Street)	7	56.6	56.2	54.9	51.0	47.0					
W-A4	Prosperous Garden Block 1	28	58.3	57.6	55.9	51.8	47.7	44.2	41.3	39.2	37.7	36.6
W-A5	The Coronation	30	56.1	55.7	54.7	51.6	48.2	44.9	42.2	40.1	38.5	37.2
W-A6	Man Cheong Building	18	58.0	57.0	55.2	51.3	47.5	44.2	41.5	39.5	38.0	
W-A7	Kum Lam Building	12	64.4	60.9	57.0	51.1	46.0	42.2	39.6			
W-A8	Dickson Building	18	61.9	59.4	56.2	51.7	47.6	43.8	40.8	38.6	37.2	
W-A9	Yau Ma Tei Jockey Club Polyclinic	10	61.1	60.2	58.5	55.9	51.0	44.5				
W-A10	Alhambra Building	15	65.2	62.6	56.3	46.1	41.6	39.4	37.9	36.8		
W-A11	Hong Kong Community College (HKCC) of the HK	19	62.6	61.6	58.8	53.4	48.9	45.3	42.5	40.4	38.8	37.6
W-A12	Civil Aid Service Headquarter	9	62.7	61.8	59.2	52.9	48.0	44.5				
W-A13	Park Avenue Tower 10	35	49.8	49.4	48.6	46.6	44.3	42.1	40.2	38.6	37.4	36.5
W-A14	Charming Garden Block 1	22	52.4	51.2	50.3	47.9	45.2	42.7	40.7	39.2	37.9	36.9
W-A15	HKMA David Po College	8	52.8	52.5	51.6	49.1	46.3					
W-P1	Reprovisioned Yau Ma Tei Police Station (Planned)	4	56.3	56.0	55.1	52.1						
W-P3	West Kowloon Government Offices (Planned)	25	61.0	58.2	56.3	51.4	47.5	44.7	42.6	41.0	39.6	38.4
W-P4	Indoor Recreation Centre (Planned)	-	56.4	54.3	52.4	48.6	45.4	42.9	41.0	39.5	38.3	37.4
W-P5	Hong Kong Red Cross Headquarters (Planned)	-	54.0	52.8	50.5	46.7	43.8	41.7	40.0	38.6	37.6	36.7
W-P6	Refuse Collection Point and street Sleepers' Shelters (Planned)	4	62.5	61.9	59.9	53.8						
W-P7	Primary School (Planned)	8	58.9	58.5	57.3	53.1	48.6					
W-P8	Hindu Temple (Planned)	10	61.5	60.8	58.7	53.0	48.0	44.4				

**Detailed Predicted RSP Concentrations (West Portion)**

**Cumulative 24-hour RSP Concentrations**

ASR ID	Location	No. of Storey	24-hour RSP Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
W-A1	Yau Ma Tei Catholic Primary School (Hoi Wang Road)	8	112	112	112	112	111					
W-A2	Charming Garden Block 12	23	113	112	112	112	112	111	111	111	111	111
W-A3	Yau Ma Tei Catholic Primary School (Tung Kun Street)	7	113	112	112	112	111					
W-A4	Prosperous Garden Block 1	28	113	113	113	112	112	111	111	111	111	111
W-A5	The Coronation	30	112	112	112	112	111	111	111	111	111	111
W-A6	Man Cheong Building	18	113	113	112	112	112	111	111	111	111	
W-A7	Kum Lam Building	12	113	112	112	112	112	111	111			
W-A8	Dickson Building	18	113	113	112	112	112	112	111	111	111	
W-A9	Yau Ma Tei Jockey Club Polyclinic	10	113	113	113	112	112	112				
W-A10	Alhambra Building	15	111	111	111	111	110	110	110	110		
W-A11	Hong Kong Community College (HKCC) of the HK	19	113	113	113	112	112	111	111	111	111	111
W-A12	Civil Aid Service Headquarter	9	112	112	112	111	111	111				
W-A13	Park Avenue Tower 10	35	112	112	112	111	111	111	111	111	111	111
W-A14	Charming Garden Block 1	22	112	112	112	112	111	111	111	111	111	111
W-A15	HKMA David Po College	8	112	112	112	112	111					
W-P1	Reprovisioned Yau Ma Tei Police Station (Planned)	4	112	112	112	112						
W-P3	West Kowloon Government Offices (Planned)	25	113	113	112	112	111	111	111	111	111	111
W-P4	Indoor Recreation Centre (Planned)	-	114	112	112	111	111	111	111	111	111	111
W-P5	Hong Kong Red Cross Headquarters (Planned)	-	113	113	112	111	111	111	111	111	111	111
W-P6	Refuse Collection Point and street Sleepers' Shelters (Planned)	4	112	112	112	112						
W-P7	Primary School (Planned)	8	112	112	112	112	112					
W-P8	Hindu Temple (Planned)	10	112	112	112	112	111	111				

**Cumulative Annual RSP Concentrations**

ASR ID	Location	No. of Storey	Annual RSP Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
W-A1	Yau Ma Tei Catholic Primary School (Hoi Wang Road)	8	43.1	42.9	42.7	42.5	42.2					
W-A2	Charming Garden Block 12	23	43.2	43.0	42.8	42.5	42.2	42.0	41.8	41.7	41.7	41.6
W-A3	Yau Ma Tei Catholic Primary School (Tung Kun Street)	7	43.0	43.0	42.9	42.6	42.4					
W-A4	Prosperous Garden Block 1	28	43.2	43.1	43.0	42.7	42.5	42.3	42.1	42.0	41.9	41.8
W-A5	The Coronation	30	43.1	43.0	42.9	42.7	42.5	42.3	42.1	42.0	41.9	41.8
W-A6	Man Cheong Building	18	43.2	43.1	43.0	42.7	42.4	42.2	42.1	42.0	41.9	
W-A7	Kum Lam Building	12	43.6	43.2	42.9	42.6	42.3	42.1	42.0			
W-A8	Dickson Building	18	43.5	43.2	43.0	42.7	42.5	42.2	42.1	41.9	41.8	
W-A9	Yau Ma Tei Jockey Club Polyclinic	10	43.3	43.2	43.1	43.1	43.0	42.4				
W-A10	Alhambra Building	15	43.2	43.1	42.8	42.3	42.1	42.0	41.9	41.8		
W-A11	Hong Kong Community College (HKCC) of the HK	19	43.6	43.5	43.1	42.6	42.3	42.0	41.9	41.8	41.7	41.6
W-A12	Civil Aid Service Headquarter	9	43.8	43.6	43.4	42.8	42.5	42.2				
W-A13	Park Avenue Tower 10	35	42.4	42.4	42.3	42.2	42.0	41.9	41.8	41.7	41.6	41.6
W-A14	Charming Garden Block 1	22	42.8	42.6	42.5	42.3	42.1	41.9	41.8	41.7	41.6	41.6
W-A15	HKMA David Po College	8	42.7	42.7	42.6	42.4	42.1					
W-P1	Reprovisioned Yau Ma Tei Police Station (Planned)	4	43.1	43.0	42.9	42.7						
W-P3	West Kowloon Government Offices (Planned)	25	43.8	43.3	43.1	42.5	42.2	42.0	41.9	41.8	41.7	41.6
W-P4	Indoor Recreation Centre (Planned)	-	43.5	43.0	42.7	42.4	42.1	41.9	41.8	41.7	41.6	41.6
W-P5	Hong Kong Red Cross Headquarters (Planned)	-	43.2	42.9	42.6	42.2	42.0	41.9	41.8	41.7	41.6	41.6
W-P6	Refuse Collection Point and street Sleepers' Shelters (Planned)	4	43.3	43.3	43.1	42.6						
W-P7	Primary School (Planned)	8	43.3	43.2	43.1	42.8	42.5					
W-P8	Hindu Temple (Planned)	10	43.6	43.5	43.3	42.8	42.5	42.2				

Detailed Predicted NO2 Concentrations (Central Portion)

Cumulative 1-hour NO2 Concentrations

ASR ID	Location	No. of Storey	1-hour NO2 Concentration at various height above ground (ug/m3)												
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG			
M-A1	Kar Man House, Oi Man Estate	6	260	260	259	258									
M-A2	Carmel on the Hill	25	273	266	261	259	258	257	256	249	243	239			
M-A3	SKH Tsoi Kung Po Secondary School	8	275	264	259	258	258								
M-A4	Man Fuk House Block A	15	264	263	261	258	257	257	256	248					
M-A5	Cascades Block A	18	269	266	261	258	257	256	256	248	242				
M-A6	Ko Fai House, Kwun Fai Court	9	279	265	259	261	266	281							
M-A7	The Open University of Hong Kong	12	273	271	268	260	257	256	255						
M-A8	Kwun Hei Court	41	260	260	260	260	263	267	274	276	270	263			
M-A9	Housing Authority Headquarters Block 1	11	268	264	259	258	258	257							
M-A10	Ho Man Tin Government Offices	14	263	262	260	259	258	257	256	250					
M-A11	Choi Man House, Ho Man Tin Estate	42	275	274	269	259	257	257	256	250	244	239			
M-A12	King Man House, Ho Man Tin Estate	15	280	280	279	277	263	257	256	254					
M-A13	Ho Man Tin Swimming Pool	1	262	262											
M-A14	Yee Man house	41	266	265	262	258	258	257	256	252	245	240			
M-A15	Ho Man Tin Estate Service Reservoir Playground	1	272	268											
M-A16	Ko Shan Road Park	1	267	266											
M-A17	Kiu Wai Mansion	20	277	276	271	259	258	257	257	256	255	251			
M-A18	Sun Man House	24	277	275	269	258	257	256	256	247	242	238			
M-A19	Ellery Terrace	34	280	279	279	272	258	257	256	250	244	239			
M-A20	Dragon View (Block 1)	20	278	278	275	265	257	256	255	247	242	238			
M-P1	Valley Road Estate Redevelopment (Planned)	48	270	265	259	258	258	257	256	251	245	240			
M-P2	Planned Residential Area B (Planned)	-	259	259	259	258	258	257	256	251	244	240			
M-P3	Ho Man Tin South Phase 2 (Planned)	-	261	261	261	264	269	277	281	277	271	273			
M-P4	Ho Man Tin Redevelopment (Outline Zoning Plan No. S/K7/21) (Planned)	-	279	277	272	264	258	257	256	252	245	240			
M-P5	Ho Man Tin Redevelopment (KIL 11128) (Planned)	-	279	279	274	262	258	257	256	249	243	239			
M-P6	Hong Kong Polytechnic University Student Hostel Phase 3 (Planned)	-	261	261	260	260	260	260	260	260	260	259			

Cumulative 24-hour NO2 Concentrations

ASR ID	Location	No. of Storey	24-hour NO2 Concentration at various height above ground (ug/m3)												
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG			
M-A1	Kar Man House, Oi Man Estate	6	99	96	95	94									
M-A2	Carmel on the Hill	25	96	96	95	94	93	93	92	92	91	91			
M-A3	SKH Tsoi Kung Po Secondary School	8	97	96	95	94	93								
M-A4	Man Fuk House Block A	15	97	96	95	94	93	92	91	91					
M-A5	Cascades Block A	18	96	96	95	94	92	92	91	91	91				
M-A6	Ko Fai House, Kwun Fai Court	9	97	95	94	92	92	92							
M-A7	The Open University of Hong Kong	12	98	97	95	93	92	92	91	91	91				
M-A8	Kwun Hei Court	41	92	92	92	91	91	91	91	91	91	91			
M-A9	Housing Authority Headquarters Block 1	11	98	97	96	94	93	92							
M-A10	Ho Man Tin Government Offices	14	96	96	95	94	93	92	91	91					
M-A11	Choi Man House, Ho Man Tin Estate	42	92	92	91	91	91	91	91	91	91	91			
M-A12	King Man House, Ho Man Tin Estate	15	94	94	93	92	91	91	91	91	91				
M-A13	Ho Man Tin Swimming Pool	1	95	95											
M-A14	Yee Man house	41	92	92	92	91	91	91	91	91	91	91			
M-A15	Ho Man Tin Estate Service Reservoir Playground	1	94	93											
M-A16	Ko Shan Road Park	1	89	89											
M-A17	Kiu Wai Mansion	20	97	95	91	89	89	89	88	88	88	88			
M-A18	Sun Man House	24	98	97	97	95	94	94	93	92	92	92			
M-A19	Ellery Terrace	34	100	100	98	95	92	91	91	91	91	91			
M-A20	Dragon View (Block 1)	20	99	98	97	95	93	92	91	91	91	91			
M-P1	Valley Road Estate Redevelopment (Planned)	48	101	97	93	92	91	91	91	91	91	91			
M-P2	Planned Residential Area B (Planned)	-	101	100	97	94	92	92	92	92	92	92			
M-P3	Ho Man Tin South Phase 2 (Planned)	-	92	92	92	91	91	91	91	91	91	91			
M-P4	Ho Man Tin Redevelopment (Outline Zoning Plan No. S/K7/21) (Planned)	-	92	92	91	91	91	91	91	91	91	91			
M-P5	Ho Man Tin Redevelopment (KIL 11128) (Planned)	-	94	94	93	92	92	91	91	91	91	91			
M-P6	Hong Kong Polytechnic University Student Hostel Phase 3 (Planned)	-	106	103	99	96	95	95	95	95	95	95			

Cumulative Annual NO2 Concentrations

ASR ID	Location	No. of Storey	Annual NO2 Concentration at various height above ground (ug/m3)													
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG				
M-A1	Kar Man House, Oi Man Estate	6	44.8	40.3	39.1	38.0										
M-A2	Carmel on the Hill	25	42.3	41.1	39.9	38.6	37.6	36.9	36.5	36.3	36.1	35.9				
M-A3	SKH Tsoi Kung Po Secondary School	8	46.0	42.9	40.0	37.8	37.5									
M-A4	Man Fuk House Block A	15	45.1	42.6	40.5	38.5	37.4	36.8	36.5	36.3						
M-A5	Cascades Block A	18	42.7	42.0	40.4	38.1	37.0	36.4	36.0	35.7	35.5					
M-A6	Ko Fai House, Kwun Fai Court	9	41.0	39.5	37.9	37.0	36.8	36.8								
M-A7	The Open University of Hong Kong	12	44.2	43.0	40.4	37.6	36.6	36.0	35.5							
M-A8	Kwun Hei Court	41	37.8	37.7	37.5	36.9	36.3	35.8	35.4	35.1	34.8	34.5				
M-A9	Housing Authority Headquarters Block 1	11	45.1	43.1	40.0	37.4	36.9	36.9								
M-A10	Ho Man Tin Government Offices	14	42.7	41.9	40.4	38.4	37.6	37.3	37.2	37.2						
M-A11	Choi Man House, Ho Man Tin Estate	42	38.0	37.9	37.6	36.9	36.4	35.9	35.4	35.0	34.6	34.3				
M-A12	King Man House, Ho Man Tin Estate	15	39.7	39.1	38.3	37.2	36.5	35.8	35.3	34.8						
M-A13	Ho Man Tin Swimming Pool	1	40.3	40.0												
M-A14	Yee Man house	41	37.8	37.7	37.5	36.9	36.3	35.8	35.4	35.0	34.7	34.4				
M-A15	Ho Man Tin Estate Service Reservoir Playground	1	39.2	38.8												
M-A16	Ko Shan Road Park	1	32.8	32.8												
M-A17	Kiu Wai Mansion	20	35.5	34.5	33.2	31.6	30.9	30.5	30.1	29.8	29.5	29.3				
M-A18	Sun Man House	24	43.1	42.3	40.6	38.4	37.1	36.2	35.6	35.1	34.7	34.4				
M-A19	Ellery Terrace	34	44.4	43.8	42.2	39.0	37.2	36.3	35.6	35.2	34.8	34.5				
M-A20	Dragon View (Block 1)	20	45.1	43.3	41.5	39.1	37.5	36.5	35.8	35.3	35.0	34.6				
M-P1	Valley Road Estate Redevelopment (Planned)	48	50.1	43.9	38.9	36.7	35.7	35.1	34.5	34.1	33.8	33.5				
M-P2	Planned Residential Area B (Planned)	-	47.2	42.6	38.6	36.9	36.1	35.5	35.0	34.5	34.2	33.9				
M-P3	Ho Man Tin South Phase 2 (Planned)	-	37.6	37.5	37.2	36.8	36.3	35.8	35.3	34.9	34.6	34.3				
M-P4	Ho Man Tin Redevelopment (Outline Zoning Plan No. S/K7/21) (Planned)	-	38.8	38.3	37.7	37.0	36.4	35.9	35.4	35.0	34.6	34.3				
M-P5	Ho Man Tin Redevelopment (KIL 11128) (Planned)	-	41.7	40.6	38.9	37.2	36.4	35.9	35.4	35.0	34.7	34.4				
M-P6	Hong Kong Polytechnic University Student Hostel Phase 3 (Planned)	-	44.6	42.3	38.9	36.6	36.0	35.6	35.4	35.1	34.9	34.7				

Detailed Predicted RSP Concentrations (Central Portion)

Cumulative 24-hour RSP Concentrations

ASR ID	Location	No. of Storey	24-hour RSP Concentration at various height above ground (ug/m3)										
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG	
M-A1	Kar Man House, Oi Man Estate	6	112	112	112	112							
M-A2	Carmel on the Hill	25	112	112	112	112	111	111	111	111	111	111	111
M-A3	SKH Tsoi Kung Po Secondary School	8	112	112	112	112	111	111					
M-A4	Man Fuk House Block A	15	112	112	112	112	111	111	111	111			
M-A5	Cascades Block A	18	112	112	112	112	111	111	111	111	111		
M-A6	Ko Fai House, Kwun Fai Court	9	112	112	112	112	111	111	111				
M-A7	The Open University of Hong Kong	12	112	112	112	112	111	111	111				
M-A8	Kwun Hei Court	41	112	112	112	112	111	111	111	111	111	111	111
M-A9	Housing Authority Headquarters Block 1	11	112	112	112	112	111	111	111				
M-A10	Ho Man Tin Government Offices	14	112	112	112	112	111	111	111	111			
M-A11	Choi Man House, Ho Man Tin Estate	42	112	112	112	112	111	111	111	111	111	111	111
M-A12	King Man House, Ho Man Tin Estate	15	112	112	112	112	112	111	111	111			
M-A13	Ho Man Tin Swimming Pool	1	112	112									
M-A14	Yee Man house	41	112	112	112	112	111	111	111	111	111	111	111
M-A15	Ho Man Tin Estate Service Reservoir Playground	1	112	112									
M-A16	Ko Shan Road Park	1	110	110									
M-A17	Kiu Wai Mansion	20	111	110	110	110	110	110	110	110	110	110	110
M-A18	Sun Man House	24	112	112	112	112	111	111	111	111	111	111	111
M-A19	Ellery Terrace	34	112	112	112	112	112	111	111	111	111	111	111
M-A20	Dragon View (Block 1)	20	112	112	112	112	112	111	111	111	111	111	111
M-P1	Valley Road Estate Redevelopment (Planned)	48	112	112	111	111	111	111	111	111	111	111	111
M-P2	Planned Residential Area B (Planned)	-	112	112	112	111	111	111	111	111	111	111	111
M-P3	Ho Man Tin South Phase 2 (Planned)	-	112	112	112	111	111	111	111	111	111	111	111
M-P4	Ho Man Tin Redevelopment (Outline Zoning Plan No. S/K7/21 ) (Planned)	-	112	112	112	112	111	111	111	111	111	111	111
M-P5	Ho Man Tin Redevelopment (KIL 11128) (Planned)	-	112	112	112	112	111	111	111	111	111	111	111
M-P6	Hong Kong Polytechnic University Student Hostel Phase 3 (Planned)	-	110	110	110	110	110	110	110	110	110	110	110

Cumulative Annual RSP Concentrations

ASR ID	Location	No. of Storey	Annual RSP Concentration at various height above ground (ug/m3)										
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG	
M-A1	Kar Man House, Oi Man Estate	6	42.5	42.2	42.2	42.1							
M-A2	Carmel on the Hill	25	42.4	42.3	42.2	42.1	42.0	42.0	42.0	41.9	41.9	41.9	41.9
M-A3	SKH Tsoi Kung Po Secondary School	8	42.6	42.4	42.2	42.1	42.0						
M-A4	Man Fuk House Block A	15	42.5	42.4	42.2	42.1	42.0	42.0	42.0	41.9			
M-A5	Cascades Block A	18	42.4	42.3	42.2	42.1	42.0	42.0	42.0	41.9	41.9		
M-A6	Ko Fai House, Kwun Fai Court	9	42.4	42.2	42.1	42.0	42.0	42.0					
M-A7	The Open University of Hong Kong	12	42.5	42.4	42.2	42.1	42.0	42.0	41.9				
M-A8	Kwun Hei Court	41	42.1	42.1	42.1	42.0	42.0	42.0	41.9	41.9	41.9	41.9	41.9
M-A9	Housing Authority Headquarters Block 1	11	42.5	42.4	42.2	42.1	42.0	42.0					
M-A10	Ho Man Tin Government Offices	14	42.4	42.3	42.2	42.1	42.0	42.0	42.0	41.9			
M-A11	Choi Man House, Ho Man Tin Estate	42	42.1	42.1	42.1	42.1	42.0	42.0	42.0	41.9	41.9	41.9	41.9
M-A12	King Man House, Ho Man Tin Estate	15	42.2	42.2	42.2	42.1	42.0	42.0	41.9	41.9			
M-A13	Ho Man Tin Swimming Pool	1	42.2	42.2									
M-A14	Yee Man house	41	42.1	42.1	42.1	42.0	42.0	42.0	41.9	41.9	41.9	41.9	41.9
M-A15	Ho Man Tin Estate Service Reservoir Playground	1	42.2	42.2									
M-A16	Ko Shan Road Park	1	41.0	41.0									
M-A17	Kiu Wai Mansion	20	41.2	41.1	41.0	40.9	40.9	40.9	40.8	40.8	40.8	40.8	40.8
M-A18	Sun Man House	24	42.4	42.4	42.3	42.1	42.0	42.0	41.9	41.9	41.9	41.9	41.9
M-A19	Ellery Terrace	34	42.5	42.5	42.4	42.2	42.0	42.0	41.9	41.9	41.9	41.9	41.9
M-A20	Dragon View (Block 1)	20	42.5	42.4	42.3	42.2	42.1	42.0	42.0	41.9	41.9	41.9	41.9
M-P1	Valley Road Estate Redevelopment (Planned)	48	42.8	42.4	42.2	42.0	42.0	41.9	41.9	41.9	41.9	41.8	41.8
M-P2	Planned Residential Area B (Planned)	-	42.6	42.4	42.1	42.0	42.0	42.0	41.9	41.9	41.9	41.9	41.9
M-P3	Ho Man Tin South Phase 2 (Planned)	-	42.1	42.1	42.1	42.0	42.0	42.0	41.9	41.9	41.9	41.9	41.9
M-P4	Ho Man Tin Redevelopment (Outline Zoning Plan No. S/K7/21 ) (Planned)	-	42.2	42.2	42.1	42.1	42.0	42.0	41.9	41.9	41.9	41.9	41.9
M-P5	Ho Man Tin Redevelopment (KIL 11128) (Planned)	-	42.4	42.3	42.2	42.1	42.0	42.0	41.9	41.9	41.9	41.9	41.9
M-P6	Hong Kong Polytechnic University Student Hostel Phase 3 (Planned)	-	42.3	42.1	41.9	41.8	41.8	41.7	41.7	41.7	41.7	41.7	41.7

**Detailed Predicted NO2 Concentrations (East Portion)**

**Cumulative 1-hour NO2 Concentrations**

ASR ID	Location	No. of Storey	1-hour NO2 Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
E-A1	Hong Kong International Trade and Exhibition Centre	32	270	269	268	266	254	245	239	235	233	231
E-A2	EMSD Headquarters	22	274	274	274	276	269	266	267	272	277	278
E-A4	Billion Centre	9	262	260	254	253	251	249				
E-A5	Kai Fok Industrial Centre	45	270	267	254	252	248	246	245	245	244	243
E-A6	Grand Waterfront	51	261	259	258	258	258	257	257	256	256	254
E-A7	Chong Chien Court	13	258	258	258	258	258	257	257			
E-A8	Wei Chien Court	13	258	258	258	258	257	257	256			
E-A9	Sino Industrial Building	8	277	275	275	273	271					
E-A10	HSBC Main Treasury	3	269	269	269							
E-A11	Holy Carpenter Primary School	6	258	258	258	258						
E-A12	United Daily News Centre	15	258	258	258	258	257	257	256	256		
E-A13	Merit Industrial Centre	11	258	258	258	258	258	257				
E-A14	Wyler Gardens	13	258	258	258	258	257	257	256			
E-P1	Site 1B4 – School (Planned)	10	268	266	264	261	258	255				
E-P2	Site 1I3 – Residential (Planned)	32	265	265	264	262	258	254	251	248	246	244
E-P3	Site 1J1 (Planned)	16	267	266	266	263	259	255	252	249		
E-P4	Site 1J3 (Planned)	8	276	275	273	267	261					
E-P5	Site 1L3 - Residential (Planned)	15	278	278	277	268	259	255	253	251		
E-P6	Site 1L2 - Residential (Planned)	32	280	279	278	267	259	255	253	251	249	248
E-P7	Site 2D2 – Stadium (Planned)	17	274	274	274	276	278	281	284	286	285	
E-P8	Site 2D1 – Stadium (Planned)	17	261	261	261	259	256	253	250	248	246	
E-P9	Site 1P – Administration Building (Planned)	8	266	265	261	262	265					
E-P10	Site 3C1 – Hospital (Planned)	14	252	252	252	248	244	242	241	240		
E-P11	Site 3C1 – Hospital (Planned)	14	246	246	245	245	244	243	242	241		
E-P12	Site 3D2 – Commercial (Planned)	30	252	252	252	248	244	242	241	239	239	238
E-P13	Site 4Ab – Metro Park (Planned)	1	247	247								
E-P14	Site 4Aa – Metro Park (Planned)	1	254	253								
E-P15	Site 5A4a (Planned)	20	271	269	265	260	258	259	261	263	263	261
E-P16	Site 5A4b (Planned)	32	261	260	259	258	258	257	257	256	256	254
E-P17	Site 3B1- Secondary School (Planned)	10	255	255	255	255	255	255				
E-P18	Site 3B1 (Planned)	-	252	252	252	252	250	248	247	246	245	244

**Cumulative 24-hour NO2 Concentrations**

ASR ID	Location	No. of Storey	24-hour NO2 Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
E-A1	Hong Kong International Trade and Exhibition Centre	32	96	95	92	87	84	81	80	79	78	78
E-A2	EMSD Headquarters	22	93	92	90	86	82	80	79	79	78	78
E-A4	Billion Centre	9	94	92	90	86	84	81				
E-A5	Kai Fok Industrial Centre	45	101	92	89	86	84	81	79	78	77	76
E-A6	Grand Waterfront	51	99	99	98	97	96	96	97	97	97	97
E-A7	Chong Chien Court	13	96	96	95	93	93	95	97			
E-A8	Wei Chien Court	13	98	98	98	98	97	97	98			
E-A9	Sino Industrial Building	8	102	96	92	86	82					
E-A10	HSBC Main Treasury	3	96	95	93							
E-A11	Holy Carpenter Primary School	6	96	96	96	96						
E-A12	United Daily News Centre	15	96	96	96	96	95	95	95	95		
E-A13	Merit Industrial Centre	11	94	92	90	90	91	95				
E-A14	Wyler Gardens	13	98	98	98	98	97	98	99			
E-P1	Site 1B4 – School (Planned)	10	84	84	83	82	81	80				
E-P2	Site 1I3 – Residential (Planned)	32	81	81	81	80	80	79	79	78	78	77
E-P3	Site 1J1 (Planned)	16	87	85	83	82	81	80	80	79		
E-P4	Site 1J3 (Planned)	8	83	83	82	81	80					
E-P5	Site 1L3 - Residential (Planned)	15	87	84	82	81	80	80	79	78		
E-P6	Site 1L2 - Residential (Planned)	32	94	87	82	81	81	80	79	79	78	78
E-P7	Site 2D2 – Stadium (Planned)	17	96	96	95	94	93	92	91	90	90	
E-P8	Site 2D1 – Stadium (Planned)	17	85	85	85	84	84	83	83	83	83	
E-P9	Site 1P – Administration Building (Planned)	8	98	97	95	89	84					
E-P10	Site 3C1 – Hospital (Planned)	14	93	93	92	89	86	83	81	83		
E-P11	Site 3C1 – Hospital (Planned)	14	97	95	93	90	87	84	81	79		
E-P12	Site 3D2 – Commercial (Planned)	30	95	96	95	86	80	78	76	75	76	77
E-P13	Site 4Ab – Metro Park (Planned)	1	93	92								
E-P14	Site 4Aa – Metro Park (Planned)	1	95	93								
E-P15	Site 5A4a (Planned)	20	96	96	95	94	93	91	91	91	90	90
E-P16	Site 5A4b (Planned)	32	97	97	96	94	93	93	93	93	93	93
E-P17	Site 3B1- Secondary School (Planned)	10	93	93	92	90	86	83				
E-P18	Site 3B1 (Planned)	-	94	93	92	89	86	83	81	79	78	77

**Cumulative Annual NO2 Concentrations**

ASR ID	Location	No. of Storey	Annual NO2 Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
E-A1	Hong Kong International Trade and Exhibition Centre	32	44.0	43.3	41.2	35.3	30.9	28.4	26.9	26.0	25.4	25.0
E-A2	EMSD Headquarters	22	45.3	44.1	41.3	35.7	31.5	29.0	27.5	26.6	25.9	25.5
E-A4	Billion Centre	9	49.2	46.7	42.5	36.7	33.2	31.2				
E-A5	Kai Fok Industrial Centre	45	50.3	46.8	43.3	36.8	33.0	31.1	30.0	29.2	28.7	28.4
E-A6	Grand Waterfront	51	41.0	40.5	39.7	38.5	37.7	37.1	36.6	36.1	35.5	34.8
E-A7	Chong Chien Court	13	40.9	40.6	39.9	38.8	38.4	38.6	38.6			
E-A8	Wei Chien Court	13	39.3	39.2	38.9	38.3	37.6	37.0	36.4			
E-A9	Sino Industrial Building	8	45.8	41.6	38.5	32.9	29.8					
E-A10	HSBC Main Treasury	3	44.4	43.4	40.9							
E-A11	Holy Carpenter Primary School	6	38.3	38.2	38.1	37.8						
E-A12	United Daily News Centre	15	38.3	38.3	38.2	37.8	37.3	36.8	36.3	35.8		
E-A13	Merit Industrial Centre	11	53.8	45.1	41.2	39.4	39.8	41.8				
E-A14	Wyler Gardens	13	39.6	39.5	39.2	38.4	37.8	37.3	36.8			
E-P1	Site 1B4 – School (Planned)	10	38.8	37.8	35.6	32.2	29.9	28.2				
E-P2	Site 1I3 – Residential (Planned)	32	35.1	34.9	34.2	32.4	30.6	29.3	28.2	27.4	26.7	26.2
E-P3	Site 1J1 (Planned)	16	40.1	38.4	35.7	32.5	30.3	28.6	27.4	26.6		
E-P4	Site 1J3 (Planned)	8	39.4	38.4	36.4	33.5	31.3					
E-P5	Site 1L3 - Residential (Planned)	15	40.6	38.7	35.8	32.8	31.2	30.2	29.5	28.8		
E-P6	Site 1L2 - Residential (Planned)	32	43.5	40.2	36.7	33.7	31.9	30.7	29.7	28.9	28.1	27.4
E-P7	Site 2D2 – Stadium (Planned)	17	49.7	49.4	48.5	45.6	42.7	40.7	39.5	38.9	38.6	
E-P8	Site 2D1 – Stadium (Planned)	17	35.7	35.5	35.1	33.8	32.6	31.7	30.9	30.3	29.9	
E-P9	Site 1P – Administration Building (Planned)	8	53.7	52.5	49.0	41.2	36.3					
E-P10	Site 3C1 – Hospital (Planned)	14	43.8	43.2	41.4	37.0	33.7	31.5	30.2	29.9		
E-P11	Site 3C1 – Hospital (Planned)	14	52.2	48.9	43.9	38.3	34.5	32.1	31.1	31.3		
E-P12	Site 3D2 – Commercial (Planned)	30	43.7	45.1	44.7	34.5	30.4	29.3	28.9	28.8	28.9	28.9
E-P13	Site 4Ab – Metro Park (Planned)	1	42.5	40.0								
E-P14	Site 4Aa – Metro Park (Planned)	1	44.9	42.8								
E-P15	Site 5A4a (Planned)	20	41.9	41.5	41.0	40.0	39.1	38.2	37.4	36.7	36.0	35.3
E-P16	Site 5A4b (Planned)	32	41.2	40.8	40.1	39.1	38.2	37.4	36.7	36.1	35.4	34.8
E-P17	Site 3B1- Secondary School (Planned)	10	43.2	42.7	41.4	37.9	34.6	32.1				
E-P18	Site 3B1 (Planned)	-	44.4	43.3	41.4	37.6	34.2	31.8	30.2	29.3	28.6	28.2

**Detailed Predicted RSP Concentrations (East Portion)**

**Cumulative 24-hour RSP Concentrations**

ASR ID	Location	No. of Storey	24-hour RSP Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
E-A1	Hong Kong International Trade and Exhibition Centre	32	109	109	109	108	108	107	107	107	107	107
E-A2	EMSD Headquarters	22	109	109	109	108	108	108	108	107	107	107
E-A4	Billion Centre	9	107	107	107	106	106	106				
E-A5	Kai Fok Industrial Centre	45	109	107	107	106	106	106	106	106	106	106
E-A6	Grand Waterfront	51	110	110	110	110	110	110	110	110	110	110
E-A7	Chong Chien Court	13	110	110	110	110	110	110	110			
E-A8	Wei Chien Court	13	110	110	110	110	110	110	110			
E-A9	Sino Industrial Building	8	110	110	109	108	108					
E-A10	HSBC Main Treasury	3	109	109	109							
E-A11	Holy Carpenter Primary School	6	110	110	110	110						
E-A12	United Daily News Centre	15	110	110	110	110	110	110	110	110		
E-A13	Merit Industrial Centre	11	110	110	110	110	110	110				
E-A14	Wylar Gardens	13	110	110	110	110	110	110	110			
E-P1	Site 1B4 – School (Planned)	10	108	108	108	108	108	108				
E-P2	Site 1I3 – Residential (Planned)	32	108	108	108	108	108	107	107	107	107	107
E-P3	Site 1J1 (Planned)	16	108	108	108	108	108	108	108	107		
E-P4	Site 1J3 (Planned)	8	108	108	108	108	108					
E-P5	Site 1L3 - Residential (Planned)	15	108	108	108	108	107	107	107	107		
E-P6	Site 1L2 - Residential (Planned)	32	109	108	108	108	107	107	107	107	107	107
E-P7	Site 2D2 – Stadium (Planned)	17	110	110	110	110	110	110	110	110	110	
E-P8	Site 2D1 – Stadium (Planned)	17	107	107	107	107	107	106	106	106	106	
E-P9	Site 1P – Administration Building (Planned)	8	107	107	107	106	106					
E-P10	Site 3C1 – Hospital (Planned)	14	106	106	106	106	106	106	106	106		
E-P11	Site 3C1 – Hospital (Planned)	14	106	106	106	106	106	106	106	106		
E-P12	Site 3D2 – Commercial (Planned)	30	106	106	106	106	106	106	106	106	106	106
E-P13	Site 4Ab – Metro Park (Planned)	1	106	106								
E-P14	Site 4Aa – Metro Park (Planned)	1	106	106								
E-P15	Site 5A4a (Planned)	20	110	110	110	110	110	110	110	110	110	110
E-P16	Site 5A4b (Planned)	32	110	110	110	110	110	110	110	110	110	110
E-P17	Site 3B1- Secondary School (Planned)	10	106	106	106	106	106	106				
E-P18	Site 3B1 (Planned)	-	106	106	106	106	106	106	106	106	106	106

**Cumulative Annual RSP Concentrations**

ASR ID	Location	No. of Storey	Annual RSP Concentration at various height above ground (ug/m3)									
			1.5mAG	5mAG	10mAG	20mAG	30mAG	40mAG	50mAG	60mAG	70mAG	80mAG
E-A1	Hong Kong International Trade and Exhibition Centre	32	40.6	40.6	40.4	40.1	39.8	39.7	39.6	39.6	39.6	39.6
E-A2	EMSD Headquarters	22	40.8	40.6	40.4	40.1	39.8	39.7	39.6	39.6	39.6	39.6
E-A4	Billion Centre	9	41.1	41.0	40.7	40.3	40.1	40.0				
E-A5	Kai Fok Industrial Centre	45	41.5	41.1	40.8	40.3	40.1	40.0	40.0	40.0	40.0	40.1
E-A6	Grand Waterfront	51	41.6	41.6	41.6	41.5	41.4	41.4	41.4	41.3	41.3	41.3
E-A7	Chong Chien Court	13	41.6	41.6	41.5	41.5	41.4	41.4	41.3			
E-A8	Wei Chien Court	13	41.5	41.5	41.5	41.5	41.4	41.4	41.4			
E-A9	Sino Industrial Building	8	41.0	40.6	40.3	39.9	39.8					
E-A10	HSBC Main Treasury	3	40.6	40.6	40.4							
E-A11	Holy Carpenter Primary School	6	41.5	41.5	41.5	41.5						
E-A12	United Daily News Centre	15	41.5	41.5	41.5	41.4	41.4	41.4	41.4	41.4		
E-A13	Merit Industrial Centre	11	42.4	41.8	41.6	41.5	41.4	41.4				
E-A14	Wylar Gardens	13	41.5	41.5	41.5	41.5	41.4	41.4	41.4			
E-P1	Site 1B4 – School (Planned)	10	40.3	40.2	40.1	39.9	39.7	39.6				
E-P2	Site 1I3 – Residential (Planned)	32	40.0	40.0	40.0	39.9	39.7	39.7	39.6	39.6	39.6	39.5
E-P3	Site 1J1 (Planned)	16	40.4	40.3	40.1	39.9	39.7	39.7	39.6	39.6		
E-P4	Site 1J3 (Planned)	8	40.3	40.3	40.1	39.9	39.8					
E-P5	Site 1L3 - Residential (Planned)	15	40.4	40.3	40.1	39.9	39.8	39.7	39.7	39.6		
E-P6	Site 1L2 - Residential (Planned)	32	40.6	40.4	40.1	39.9	39.8	39.7	39.7	39.6	39.6	39.6
E-P7	Site 2D2 – Stadium (Planned)	17	42.2	42.2	42.1	41.9	41.7	41.6	41.5	41.5	41.5	
E-P8	Site 2D1 – Stadium (Planned)	17	39.9	39.9	39.9	39.8	39.7	39.7	39.6	39.6	39.6	
E-P9	Site 1P – Administration Building (Planned)	8	41.2	41.1	40.9	40.4	40.1					
E-P10	Site 3C1 – Hospital (Planned)	14	40.7	40.6	40.5	40.3	40.2	40.1	40.2	40.3		
E-P11	Site 3C1 – Hospital (Planned)	14	41.2	41.0	40.7	40.4	40.2	40.2	40.2	40.4		
E-P12	Site 3D2 – Commercial (Planned)	30	40.7	40.8	40.7	40.2	40.0	40.0	40.0	40.1	40.2	40.3
E-P13	Site 4Ab – Metro Park (Planned)	1	40.4	40.3								
E-P14	Site 4Aa – Metro Park (Planned)	1	40.6	40.4								
E-P15	Site 5A4a (Planned)	20	41.7	41.7	41.6	41.5	41.5	41.4	41.4	41.3	41.3	41.3
E-P16	Site 5A4b (Planned)	32	41.6	41.6	41.6	41.5	41.5	41.4	41.4	41.3	41.3	41.3
E-P17	Site 3B1- Secondary School (Planned)	10	40.5	40.5	40.4	40.2	40.1	39.9				
E-P18	Site 3B1 (Planned)	-	40.6	40.6	40.5	40.2	40.1	40.0	39.9	39.9	39.9	39.9