

Proejct: HATS Stage 2A EIA Study
Subject: Predicted 1-hr average TSP results at different height above ground
Option: Mitigated

ASR No.	Decription	1-hr average TSP concentration with background, $\mu\text{g}/\text{m}^3$						24-hr average TSP concentration with background, $\mu\text{g}/\text{m}^3$					
		1.5m	5m	10m	15m	20m	25m	1.5m	5m	10m	15m	20m	25m
NP1	Block C, Healthy Gardens	212	143	101	88	86	85	123	104	90	84	81	80
NP2	Ruby Court	209	143	100	89	86	85	103	96	87	82	80	80
NP3	King's Road Playground & Skating Area	394	171	99	91	86	83	156	115	87	82	80	80
NP4	Customs HQ Tower (planned)	257	147	102	89	86	83	147	108	88	82	81	80
NP5	K. Wah Centre	470	174	103	91	86	83	174	113	87	82	80	80
NP6	Hong Kong & Islands Regional Office, WSD	312	168	98	92	88	85	92	87	83	81	80	80
NP7	Tin Shui Street Children's Playground	297	127	97	88	84	83	170	96	84	82	81	80
WC1	HK Yacht Club	100	98	91	86	84	83	84	84	83	82	81	80
WC2	Wan Chai Sports Ground	166	131	100	90	86	84	106	97	87	83	81	80
WC3	Society for the Prevention of Cruelty to Animals	277	137	98	88	84	83	153	100	86	81	80	80
WC4	Rest Garden near Wan Chai Interchange	162	121	94	88	85	84	98	94	87	84	81	80
WC5	Elizabeth House	100	97	89	85	83	82	81	81	80	80	79	79
WC6	Commercial Buildings at 233 Gloucester Road	108	102	92	87	84	82	84	83	82	81	80	80
C1	Sheung Wan Fire Station	319	115	90	83	80	79	138	90	81	79	79	79
C2	Water Front Divisional Police Station	117	102	84	81	81	80	82	81	80	79	79	79
C3	Sheung Wan Gala Point	126	105	87	82	81	81	84	83	81	80	79	79
C4	Fui Nam Building	108	98	86	83	81	80	87	85	82	81	80	79
FM1	Block A, Kwan Yick Building Phase III	146	131	105	94	89	85	98	95	91	87	84	82
FM2	Western Wholesale Food Market	309	198	121	98	90	87	185	143	102	87	83	81
SB1	University of Hong Kong Starely Ho Sports Centre Pitch	356	181	107	94	88	85	137	106	87	81	80	79
SB2	Home for the Elderly	233	154	104	89	87	85	94	87	83	81	80	80
SB3	Maclehose Medical Rehabilitation Centre	215	155	104	88	86	84	101	94	84	81	80	80
SB4	The Duchess of Kent Children's Hospital	278	162	101	92	88	84	102	92	83	81	80	80
WF1	Wah Yu House, Wah Fu Estate	257	121	89	86	85	83	99	84	80	80	80	80
WF2	Wah Ming House, Wah Fu Estate	376	136	94	85	84	83	170	96	82	80	80	80
WF3	Waterfall Bay Park	163	112	90	88	86	85	95	88	82	80	80	80
AB1	Wah Lai House, Wah Kwai Estate	122	120	110	98	92	88	84	84	83	82	82	81
AB2	Hing Wai Centre	393	216	124	108	98	91	178	115	88	83	81	80
AB3	Shek Pai Wan Road Playground	345	241	142	104	97	93	111	99	87	83	81	80
AB4	Dairy Farm Ice and Cold Storage	475	256	147	108	98	92	212	144	104	90	84	82
AB5	Ka Chun House, Ka Lung Court	97	97	95	91	88	85	81	81	81	81	81	80
AB6	Ka Sing House, Ka Lung Court	99	99	96	91	87	86	82	82	82	81	81	81
SCI1	Government Dockyard Offices	133	123	106	97	92	88	93	92	88	85	83	81
SCI2	Ngong Shuen Chau Barracks Group 1	107	107	101	95	89	87	85	85	85	84	83	82
SCI3	COSCO Hit Terminal	145	140	121	105	97	92	94	93	89	86	84	82
SCI4	KMB Deport Office	123	121	110	98	93	89	92	91	89	87	85	83
SCI5	Planned FSD Diving Rescue and Diving Training Centre	152	147	125	107	97	91	88	88	85	83	82	81
SCI6	Club House	185	157	122	106	96	89	97	95	91	87	84	82
SCI7	Ngong Shuen Chau Barracks Group 2	275	216	144	116	103	95	199	167	119	98	90	86
SCI8	Hoi Lai Estate	93	94	92	90	88	86	80	80	80	80	80	80
SCI9	Tack Ching Girl's Secondary School	90	91	90	89	87	86	80	80	80	80	80	80
SCI10	Aqua Marine	89	89	89	88	86	85	80	80	80	80	80	80
SCI11	Mei Foo Sun Chuen	89	89	88	87	86	85	82	82	82	81	81	81
	Maximum TSP concentration	475	256	147	116	103	95	212	167	119	98	90	86

Note: (1) Criteria for 1-hr average TSP concentration is $500\mu\text{g}/\text{m}^3$
 (2) Criteria for 24-hr average TSP concentration is $260\mu\text{g}/\text{m}^3$
 (3) TSP background concentration is $79\mu\text{g}/\text{m}^3$