

Project: HATS Stage 2A EIA Study

Subject: Predicted 1-hr average TSP results at different height above ground

Option: Unmitigated

ASR No.	Description	1-hr average TSP concentration with background, µg/m ³					24-hr average TSP concentration with background, µg/m ³						
		1.5m	5m	10m	15m	20m	25m	1.5m	5m	10m	15m	20m	25m
NP1	Block C, Healthy Gardens	345	278	178	137	117	103	168	139	108	92	85	83
NP2	Ruby Court	340	259	174	136	117	103	129	116	97	87	83	82
NP3	King's Road Playground & Skating Area	709	405	214	149	113	106	232	151	100	88	85	83
NP4	Customs HQ Tower (planned)	1081	482	218	149	125	108	281	155	98	88	84	82
NP5	K. Wah Centre	852	404	212	135	109	104	259	148	106	92	86	85
NP6	Hong Kong & Islands Regional Office, WSD	675	361	186	118	110	103	113	101	90	86	84	83
NP7	Tin Shui Street Children's Playground	1785	443	202	133	106	94	789	193	99	88	84	82
WC1	HK Yacht Club	163	156	131	112	102	96	100	99	95	91	88	85
WC2	Wan Chai Sports Ground	483	291	178	131	118	107	271	203	127	99	90	85
WC3	Society for the Prevention of Cruelty to Animals	919	308	179	123	99	90	604	190	116	92	84	81
WC4	Rest Garden near Wan Chai Interchange	740	413	195	124	115	106	168	143	111	94	86	83
WC5	Elizabeth House	228	205	148	106	96	91	90	89	86	83	81	81
WC6	Commercial Buildings at 233 Gloucester Road	309	261	162	127	111	98	94	93	89	86	84	82
C1	Sheung Wan Fire Station	1038	224	122	95	84	80	316	124	85	81	79	79
C2	Water Front Divisional Police Station	232	171	98	88	86	85	89	86	81	80	80	80
C3	Sheung Wan Gala Point	267	181	112	90	87	85	98	93	85	82	81	80
C4	Fui Nam Building	193	155	108	94	86	84	111	102	91	85	83	81
FM1	Block A, Kwan Yick Building Phase III	216	186	132	110	99	91	118	112	104	96	89	85
FM2	Western Wholesale Food Market	542	318	164	117	102	96	295	210	127	96	88	84
SB1	University of Hong Kong Starely Ho Sports Centre Pitch	633	283	135	109	97	91	195	134	96	83	81	80
SB2	Home for the Elderly	386	230	129	99	95	91	109	96	86	82	81	80
SB3	Maclehose Medical Rehabilitation Centre	350	231	129	96	93	90	123	108	89	83	81	80
SB4	The Duchess of Kent Children's Hospital	477	245	123	105	97	90	124	105	88	83	81	80
CB1	Cyber Centre	347	169	106	91	87	84	124	101	87	81	80	80
CB2	Le Meridien Cyberport	417	170	106	93	88	83	101	88	83	81	80	79
CB3	Aegean Terrace	148	130	99	90	85	82	94	92	86	83	81	80
CB4	Block 18, Baguio Villa	103	100	92	86	83	82	80	80	80	80	79	79
CB5	Phase 1, Residence Bel-Air	85	85	84	83	82	81	80	80	80	80	80	79
CB6	Phase 2, Residence Bel-Air	85	85	84	83	82	81	80	80	80	80	80	80
CB7	Residential Bel-Air (Scheduled to be occupied in June 2008)	82	82	82	81	81	80	80	80	80	80	79	79
WF1	Wah Yu House, Wah Fu Estate	435	164	99	93	90	88	119	90	81	81	80	80
WF2	Wah Ming House, Wah Fu Estate	673	192	108	92	89	87	261	112	84	81	80	80
WF3	Waterfall Bay Park	247	146	102	97	93	90	111	97	85	81	81	81
AB1	Wah Lai House, Wah Kwai Estate	165	161	140	118	104	97	89	90	88	86	84	83
AB2	Hing Wai Centre	708	353	170	137	116	103	276	150	96	87	84	82
AB3	Shek Pai Wan Road Playground	612	403	206	130	116	106	143	119	94	86	83	82
AB4	Dairy Farm Ice and Cold Storage	870	434	214	137	118	106	346	210	128	100	89	86
AB5	Ka Chun House, Ka Lung Court	115	115	110	104	97	92	84	84	83	83	82	82
AB6	Ka Sing House, Ka Lung Court	120	120	112	104	96	92	85	85	85	84	83	82
ALC1	Mei Wah Court, South Horizons	104	100	90	86	83	82	84	83	82	81	80	80
ALC2	Horizon Plaza	93	92	88	84	82	81	80	80	80	79	79	79
ALC3	Shell Ap Lei Chau Depot	204	148	102	88	83	82	96	90	83	80	80	80
SCI1	Government Dockyard Offices	511	427	296	225	186	152	191	180	149	125	110	99
SCI2	Ngong Shuen Chau Barracks Group 1	305	302	258	207	161	143	130	131	125	117	109	102
SCI3	COSCO Hit Terminal	610	571	413	283	224	186	198	191	160	133	118	107
SCI4	KMB Depot Office	432	415	323	231	189	157	180	177	156	140	125	112
SCI5	Planned FSD Diving Rescue and Diving Training Centre	663	621	450	304	220	176	152	148	130	113	102	96
SCI6	Club House	924	703	423	296	212	156	222	205	172	144	121	105
SCI7	Ngong Shuen Chau Barracks Group 2	1663	1182	601	378	270	205	1052	784	402	234	168	135
SCI8	Hoi Lai Estate	192	197	185	169	152	135	89	89	89	88	87	86
SCI9	Tack Ching Girl's Secondary School	169	175	167	157	146	133	87	87	87	86	85	84
SCI10	Aqua Marine	157	162	156	147	138	128	86	87	86	86	85	85
SCI11	Mei Foo Sun Chuen	158	162	154	146	137	127	101	102	101	99	96	94
	Maximum TSP concentration	1785	1182	601	378	270	205	1052	784	402	234	168	135

- Note: (1) Criteria for 1-hr average TSP concentration is 500µg/m³
(2) Criteria for 24-hr average TSP concentration is 260µg/m³
(3) TSP background concentration is 79µg/m³