Appendix 3.7 Predicted odour levels at different height (PTWs)

PTW	ASR ID	Description	Odour level (5 seconds average) (ou) at different height (m)																	The worst odour level (5 seconds average) (ou)
			1.5	5	10	15	20	25	30	40	50	60	70	80	90	100	110	120	130	
North Point PTW	NP1	Block C, Healthy Gardens	0.25	0.26	0.42	0.92	1.31	1.88	1.93	1.45	1.02	0.67	0.30	N/A	N/A	N/A	N/A	N/A	N/A	1.93
	NP2	Ruby Court	0.25	0.26	0.29	0.40	0.89	1.51	1.88	1.52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.88
	NP3	King's Road Playground & Skating Area	0.17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.17
	NP4	Customs HQ Tower (planned)	0.28	0.31	0.44	0.70	1.64	2.75	3.07	2.12	1.14	0.30	0.14	0.05	0.02	0.00	N/A	N/A	N/A	3.07
	NP5	K. Wah Centre	0.34	0.40	0.95	0.82	1.33	2.01	2.12	1.42	0.99	0.47	0.19	0.11	0.05	N/A	N/A	N/A	N/A	2.12
	NP6	Hong Kong & Islands Regional Office, WSD	0.29	0.30	0.42	0.82	1.83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.83
Wan Chai East PTW	WC1	HK Yacht Club	0.58	0.59	0.60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.60
	WC2	Wan Chai Sports Ground	0.46	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.46
	WC3	Society for the Prevention of Cruelty to Animals	0.44	0.51	0.86	1.75	3.03	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.03
	WC4	Rest Garden near Wan Chai Interchange	0.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.53
	WC5	Elizabeth House	0.47	0.48	0.53	0.58	0.65	0.69	0.69	0.64	0.48	0.27	0.15	N/A	N/A	N/A	N/A	N/A	N/A	0.69
	WC6	Commercial Buildings at 233 Gloucester Road	0.46	0.50	0.62	0.81	0.99	1.09	1.07	0.93	0.71	0.45	0.21	0.11	0.09	N/A	N/A	N/A	N/A	1.09
Central PTW	C1	Sheung Wan Fire Station	0.20	0.23	0.63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.63
	C2	Water Front Divisional Police Station	0.30	0.31	0.38	0.61	1.00	1.32	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.32
	C3	Sheung Wan Gala Point	0.33	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.35
	C4	Fui Nam Building	0.23	0.27	0.38	0.54	0.70	0.85	0.94	0.90	0.76	0.60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.94
Fung Mat Road Site	FM1	Block A, Kwan Yick Building Phase III	0.14	0.14	0.16	0.18	0.20	0.19	0.18	0.16	0.13	0.09	0.04	0.03	N/A	N/A	N/A	N/A	N/A	0.20
	FM2	Western Wholesale Food Market	0.11	0.11	0.20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.20
Sandy Bay PTW	SB1	University of Hong Kong Stanley Ho Sports Centre Pitch	0.43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.43
	SB2	Home for the Elderly	0.36	0.37	0.54	0.88	1.15	1.22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.22
	SB3	Maclehose Medical Rehabilitation Centre	0.35	0.42	0.66	0.96	1.25	1.30	1.16	0.81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.30
	SB4	The Duchess of Kent Children's Hospital	0.39	0.41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41
Cyberport PTW	CB1	Cyber Centre	0.45	0.53	0.89	1.51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.51
	CB2	Le Meridien Cyberport	0.40	0.44	0.78	1.10	1.31	1.50	1.36	0.72	0.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.50
	CB3	Aegean Terrace	1.05	1.01	0.91	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.05
	CB4	Block 18, Baguio Villa	0.55	0.55	0.53	0.50	0.45	0.40	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.55
	CB5	Phase 1, Residence Bel-Air	0.22	0.22	0.21	0.20	0.19	0.18	0.16	0.13	0.10	0.08	0.05	0.05	0.04	0.04	0.03	0.03	N/A	0.22
	CB6	Phase 2, Residence Bel-Air	0.25	0.25	0.25	0.24	0.22	0.21	0.19	0.15	0.12	0.09	0.06	0.05	0.05	0.04	0.03	0.03	0.02	0.25
	CB7	Residential Bel-Air (Scheduled to be occupied in June 2008)	0.16	0.16	0.16	0.15	0.15	0.14	0.13	0.11	0.09	0.07	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.16
Wah Fu PTW	WF1	Wah Yu House, Wah Fu Estate	0.16	0.20	0.29	0.87	1.34	1.26	1.00	0.48	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.34
	WF2	Wah Ming House, Wah Fu Estate	0.54	0.69	1.69	2.63	2.31	1.34	0.54	0.11	0.09	0.08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.63
	WF3	Waterfall Bay Park	0.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.15
Aberdeen PTW	AB1	Wah Lai House, Wah Kwai Estate	0.51	0.52	0.54	0.57	0.60	0.59	0.57	0.51	0.38	0.22	0.10	0.07	0.06	0.05	0.04	N/A	N/A	0.60
	AB2	Hing Wai Centre	0.23	0.25	0.29	0.34	0.41	0.46	0.49	0.48	0.43	0.31	0.18	0.14	0.10	0.07	N/A	N/A	N/A	0.49
	AB3	Shek Pai Wan Road Playground	0.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.50
	AB4	Dairy Farm Ice and Cold Storage	0.21	0.23	0.31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.31
	AB5	Ka Chun House, Ka Lung Court	0.25	0.25	0.25	0.25	0.24	0.24	0.23	0.20	0.18	0.15	0.12	0.09	0.06	0.05	0.05	N/A	N/A	0.25
	AB6	Ka Sing House, Ka Lung Court	0.27	0.27	0.26	0.26	0.26	0.25	0.23	0.21	0.19	0.16	0.12	0.08	0.06	0.05	0.04	N/A	N/A	0.27
Ap Lei Chau PTW	ALC1	Mei Wah Court, South Horizons	0.12	0.13	0.16	0.20	0.24	0.28	0.30	0.28	0.23	0.14	0.08	0.06	0.04	0.02	0.02	N/A	N/A	0.30
	ALC2	Horizon Plaza	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.15	0.13	0.10	0.07	0.04	0.03	N/A	N/A	N/A	N/A	0.16
	ALC3	Shell Ap Lei Chau Depot	0.14	0.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.15

Appendix 3.7 Predicted odour levels at different height (SCISTW)

Option	ASR ID	Description	Odour level (5 seconds average) (ou) at different height (m)																	The worst odour level (5 seconds average) (ou)
			1.5	5	10	15	20	25	30	40	50	60	70	80	90	100	110	120	130	
Option 1 – Centralized Design	SCI1	Government Dockyard Offices	0.6	0.7	0.9	1.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.2
	SCI2	Ngong Shuen Chau Barracks Group 1	0.8	0.8	0.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.8
	SCI3	COSCO Hit Terminal	0.6	0.6	0.7	0.8	0.9	1.1	1.3	1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.6
	SCI4	KMB Depot Office	0.5	0.5	0.6	0.9	1.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.3
	SCI5	Planned FSD Diving Rescue and Diving Training Centre	0.5	0.5	0.5	0.8	1.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.3
	SCI6	Club House	0.5	0.5	0.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.6
	SCI7	Ngong Shuen Chau Barracks Group 2	1.4	1.5	1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.6
	SCI8	Hoi Lai Estate	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.4	N/A	0.8
	SCI9	Tack Ching Girl's Secondary School	0.7	0.7	0.7	0.7	0.7	0.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.7
	SCI10	Aqua Marine	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.9
	SCI11	Mei Foo Sun Chuen	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	N/A	N/A	N/A	N/A	N/A	N/A	0.8
Option 2 – Decentralized Design	SCI1	Government Dockyard Offices	0.8	0.9	1.1	1.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.5
	SCI2	Ngong Shuen Chau Barracks Group 1	1.5	1.5	1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.6
	SCI3	COSCO Hit Terminal	1.4	1.4	1.5	1.6	1.7	1.7	1.8	1.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.8
	SCI4	KMB Depot Office	1.6	1.6	1.7	1.8	1.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.9
	SCI5	Planned FSD Diving Rescue and Diving Training Centre	1.4	1.5	1.7	1.9	2.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.2
	SCI6	Club House	0.5	0.6	0.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.8
	SCI7	Ngong Shuen Chau Barracks Group 2	1.5	1.5	1.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.7
	SCI8	Hoi Lai Estate	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	N/A	1.0
	SCI9	Tack Ching Girl's Secondary School	0.8	0.8	0.8	0.8	0.8	0.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.8
	SCI10	Aqua Marine	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.8
	SCI11	Mei Foo Sun Chuen	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.6	N/A	N/A	N/A	N/A	N/A	N/A	1.0