

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Unmitigated - TSP

RIW - Lin Tak Road/Sau Mau Ping Road (LTR RIW)

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Max. 1-hour TSP Concentration ($\mu\text{g}/\text{m}^3$)					
				(EIAO-TM Criterion = $500\mu\text{g}/\text{m}^3$)					
				1.5m		5m		10m	
				Cumulative	Project Contribution	Cumulative	Project Contribution	Cumulative	Project Contribution
AEPD-01	842857.2	819521.1	10	2952	2878	1436	1398	859	822
AHTE-1	842541.6	819243.0	84	3500	3466	1914	1845	1029	946
AHTE-4	842665.9	819313.0	84	3380	3341	1723	1654	803	730
AHTE-6	842738.2	819356.6	84	2837	2799	1490	1405	739	705
AHTE-7	842662.1	819420.6	1.5	1775	1667	-	-	-	-
AHWC-03	842822.6	819472.5	104	2966	2904	1352	1236	757	653
ALTE-5	842446.2	819217.4	112	1821	1798	1612	1542	1061	992
ALTP-1	842830.0	819203.4	1.5	1179	1086	-	-	-	-
ALTP-2	842669.6	819014.8	1.5	1126	1016	-	-	-	-
ALTP-3	842663.9	819067.3	1.5	1473	1361	-	-	-	-
ALTP-4	842825.2	819075.1	1.5	767	683	-	-	-	-
APTE-03	842373.0	819789.0	80	838	774	840	778	700	647
APTE-12	842473.0	819704.0	122	1551	1302	1292	1172	931	885
APTE-14	842566.0	819719.0	122	2030	1996	1780	1746	1109	1075
APTE-15	842634.0	819749.0	122	1569	1529	1383	1343	977	905
APTE-16	842727.0	819780.0	122	1189	1147	1151	1109	891	851
ASECP-2	842537.9	819207.9	21	4255	4216	2263	2225	1089	1043
ASMP-37	842310.9	819740.3	1.5	606	558	-	-	-	-
ASMP-40	842364.0	819609.7	112	1629	1586	1310	1271	766	687
ASMPR-1	842291.6	819521.1	1.5	976	945	-	-	-	-
ASPS-01	842510.0	818894.7	21	805	694	765	653	577	468
ATPN-21	842180.7	819294.6	84	468	382	467	379	400	328
ATPN-22	842212.6	819331.6	84	496	405	487	396	384	299
ATTE-3	842585.2	819096.2	60	3220	3130	2104	2013	1258	1207
ATTE-5	842667.6	818876.7	84	817	693	829	701	723	597
ATTE-6	842702.1	818974.8	84	1049	918	1047	911	874	741
ATTPS-01	842486.1	819113.0	21	3192	3132	2559	2500	1308	1248
DARD-11	842371.6	820037.8	82.4	410	369	427	388	390	355
DARE-27	842480.9	820085.5	32	594	<1	508	366	440	350

Note:
 [1] Figure shaded and bolded where exceedance of EIAO-TM criterion occur at the assessed level of ASR.
 [2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Tier 1 Mitigated - TSP

RIW - Lin Tak Road/Sau Mau Ping Road (LTR RIW)

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Max. 1-hour TSP Concentration ($\mu\text{g}/\text{m}^3$)					
				(EIAO-TM Criterion = $500\mu\text{g}/\text{m}^3$)					
				1.5m		5m		10m	
				Cumulative	Project Contribution	Cumulative	Project Contribution	Cumulative	Project Contribution
AEPD-01	842857.2	819521.1	10	434	360	245	160	196	44
AHTE-1	842541.6	819243.0	84	467	433	300	231	201	118
AHTE-4	842665.9	819313.0	84	457	418	282	198	180	39
AHTE-6	842738.2	819356.6	84	414	328	261	176	205	64
AHTE-7	842662.1	819420.6	1.5	316	208	-	-	-	-
AHWC-03	842822.6	819472.5	104	424	363	271	154	186	82
ALTE-5	842446.2	819217.4	112	285	215	262	193	194	111
ALTP-1	842830.0	819203.4	1.5	229	136	-	-	-	-
ALTP-2	842669.6	819014.8	1.5	237	127	-	-	-	-
ALTP-3	842663.9	819067.3	1.5	283	170	-	-	-	-
ALTP-4	842825.2	819075.1	1.5	172	53	-	-	-	-
APTE-03	842373.0	819789.0	80	227	<1	227	<1	195	<1
APTE-12	842473.0	819704.0	122	412	163	277	126	191	99
APTE-14	842566.0	819719.0	122	284	249	252	218	177	109
APTE-15	842634.0	819749.0	122	232	191	220	148	185	113
APTE-16	842727.0	819780.0	122	215	<1	220	<1	205	<1
ASECP-2	842537.9	819207.9	21	570	502	319	237	197	123
ASMP-37	842310.9	819740.3	1.5	290	<1	-	-	-	-
ASMP-40	842364.0	819609.7	112	241	198	209	97	171	65
ASMPR-1	842291.6	819521.1	1.5	184	109	-	-	-	-
ASPS-01	842510.0	818894.7	21	197	87	195	82	169	41
ATPN-1	842180.7	819294.6	84	155	9	155	9	152	7
ATPN-22	842212.6	819331.6	84	154	9	154	9	152	7
ATTE-3	842585.2	819096.2	60	481	391	343	252	220	130
ATTE-5	842667.6	818876.7	84	211	87	216	88	201	75
ATTE-6	842702.1	818974.8	84	246	115	250	114	226	93
ATTPS-01	842486.1	819113.0	21	452	392	372	313	216	156
DARD-11	842371.6	820037.8	82.4	332	<1	289	<1	219	<1
DARE-27	842480.9	820085.5	32	594	<1	382	<1	251	<1

Note:
 [1] Figure shaded and bolded where exceedance of EIAO-TM criterion occur at the assessed level of ASR.
 [2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Tier 2 Mitigated - TSP

RIW - Lin Tak Road/Sau Mau Ping Road (LTR RIW)

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Max. 1-hour TSP Concentration ($\mu\text{g}/\text{m}^3$) [1]					
				(EIAO-TM Criterion = $500\mu\text{g}/\text{m}^3$)					
				1.5m		5m		10m	
				Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution
ASECP-2	842537.9	819207.9	21	445	377	225	142	149	52
DARE-27	842480.9	820085.5	32	415	<1	220	<1	155	<1

Note:
 [1] Figure shaded and bolded where exceedance of EIAO-TM criterion occur at the assessed level of ASR.
 [2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Unmitigated - RSP

RIW - Lin Tak Road/Sau Mau Ping Road (LTR RIW)

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Cumulative Max. 24-Hour and 10 th Highest 24-Hour RSP Concentration (µg/m3) [1]															
				(AQO=100µg/m3, Number of Exceedance Allowed=9)															
				1.5m					5m					10m					
				Max. 24-hour RSP		10th Max. 24-hour RSP		# Exceeded	Max. 24-hour RSP		10th Max. 24-hour RSP		# Exceeded	Max. 24-hour RSP		10th Max. 24-hour RSP		# Exceeded	
Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution		Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution							
AEPD-01	842857.2	819521.1	10	458	403	295	266	153	273	218	174	149	110	164	109	110	63	19	
AHTE-1	842541.6	819243.0	84	412	376	319	257	250	262	204	237	192	201	184	115	168	101	140	
AHTE-4	842665.9	819313.0	84	425	389	345	283	279	260	183	227	179	274	177	101	152	76	138	
AHTE-6	842738.2	819356.6	84	381	345	316	293	288	247	170	202	130	276	169	56	139	82	114	
AHTE-7	842662.1	819420.6	1.5	270	179	203	133	176	-	-	-	-	-	-	-	-	-	-	
AHWC-03	842822.6	819472.5	104	347	290	306	243	270	232	155	185	133	205	157	44	124	42	30	
ALTE-5	842446.2	819217.4	112	218	148	182	158	130	207	137	174	150	129	173	125	153	94	111	
ALTP-1	842830.0	819203.4	1.5	163	80	105	36	15	-	-	-	-	-	-	-	-	-	-	
ALTP-2	842669.6	819014.8	1.5	153	68	121	46	37	-	-	-	-	-	-	-	-	-	-	
ALTP-3	842663.9	819067.3	1.5	175	91	140	69	48	-	-	-	-	-	-	-	-	-	-	
ALTP-4	842825.2	819075.1	1.5	119	37	90	<1	4	-	-	-	-	-	-	-	-	-	-	
APTE-03	842373.0	819789.0	80	131	92	100	39	10	132	93	100	40	9	124	85	95	20	6	
APTE-12	842473.0	819704.0	122	224	166	154	119	53	206	157	145	116	50	162	122	120	97	29	
APTE-14	842566.0	819719.0	122	283	246	170	136	75	265	228	162	128	67	204	168	128	104	43	
APTE-15	842634.0	819749.0	122	208	162	145	85	59	202	157	142	86	57	174	128	128	104	37	
APTE-16	842727.0	819780.0	122	142	26	113	93	20	141	26	113	93	20	137	22	109	85	14	
ASECP-2	842537.9	819207.9	21	505	456	433	376	212	324	275	287	219	196	203	154	181	114	144	
ASMP-37	842310.9	819740.3	1.5	113	<1	104	16	13	-	-	-	-	-	-	-	-	-	-	
ASMP-40	842364.0	819609.7	112	187	145	141	77	70	183	141	139	76	66	159	118	126	52	48	
ASMPR-1	842291.6	819521.1	1.5	144	72	116	40	41	-	-	-	-	-	-	-	-	-	-	
ASPS-01	842510.0	818894.7	21	149	72	132	74	34	150	73	133	75	34	145	69	128	70	33	
ATPN-21	842180.7	819294.6	84	117	47	99	30	7	118	48	99	31	8	113	<1	98	31	7	
ATPN-22	842212.6	819331.6	84	120	50	100	34	10	121	50	101	35	11	115	45	100	33	7	
ATTE-3	842585.2	819096.2	60	335	259	297	227	150	268	192	241	173	93	203	127	173	106	72	
ATTE-5	842667.6	818876.7	84	117	34	102	24	11	118	35	103	25	11	115	32	100	33	10	
ATTE-6	842702.1	818974.8	84	123	40	109	41	18	123	40	108	41	20	119	36	105	36	15	
ATTPS-01	842486.1	819113.0	21	256	189	194	122	122	234	167	187	123	119	190	123	164	102	105	
DARD-11	842371.6	820037.8	82.4	115	<1	93	<1	3	114	<1	93	<1	3	114	<1	90	<1	3	
DARE-27	842480.9	820085.5	32	128	<1	116	9	62	119	12	104	<1	19	115	<1	95	<1	4	

Note:
 [1] Figure shaded and bolded where exceedance of AQO occur at the assessed level of ASR.
 [2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Unmitigated - RSP

RIW - Lin Tak Road/Sau Mau Ping Road (LTR RIW)

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Cumulative Annual RSP Concentration (µg/m3) [1]					
				(AQO=50µg/m3)					
				1.5m		5m		10m	
				Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution
AEPD-01	842857.2	819521.1	10	48	8	44	4	42	2
AHTE-1	842541.6	819243.0	84	53	12	48	7	45	4
AHTE-4	842665.9	819313.0	84	56	15	50	9	45	5
AHTE-6	842738.2	819356.6	84	55	14	49	8	45	4
AHTE-7	842662.1	819420.6	1.5	47	6	-	-	-	-
AHWC-03	842822.6	819472.5	104	52	11	46	6	43	3
ALTE-5	842446.2	819217.4	112	45	4	44	4	44	3
ALTP-1	842830.0	819203.4	1.5	41	<1	-	-	-	-
ALTP-2	842669.6	819014.8	1.5	41	<1	-	-	-	-
ALTP-3	842663.9	819067.3	1.5	42	1	-	-	-	-
ALTP-4	842825.2	819075.1	1.5	40	<1	-	-	-	-
APTE-03	842373.0	819789.0	80	42	<1	42	<1	42	<1
APTE-12	842473.0	819704.0	122	43	2	43	2	43	2
APTE-14	842566.0	819719.0	122	44	3	44	3	43	2
APTE-15	842634.0	819749.0	122	43	2	43	2	43	2
APTE-16	842727.0	819780.0	122	43	2	43	2	42	1
ASECP-2	842537.9	819207.9	21	54	13	49	8	45	4
ASMP-37	842310.9	819740.3	1.5	42	<1	-	-	-	-
ASMP-40	842364.0	819609.7	112	43	2	43	2	43	2
ASMPR-1	842291.6	819521.1	1.5	43	2	-	-	-	-
ASPS-01	842510.0	818894.7	21	41	<1	41	<1	41	<1
ATPN-21	842180.7	819294.6	84	42	1	42	1	42	1
ATPN-22	842212.6	819331.6	84	42	1	42	1	42	1
ATTE-3	842585.2	819096.2	60	46	6	44	4	43	2
ATTE-5	842667.6	818876.7	84	40	<1	40	<1	40	<1
ATTE-6	842702.1	818974.8	84	40	<1	40	<1	40	<1
ATTPS-01	842486.1	819113.0	21	44	3	44	3	43	3
DARD-11	842371.6	820037.8	82.4	42	<1	42	<1	42	<1
DARE-27	842480.9	820085.5	32	43	<1	43	<1	42	<1

Note:
 [1] Figure shaded and bolded where exceedance of AQO occur at the assessed level of ASR.
 [2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Tier 1 Mitigated - RSP

RIW - Lin Tak Road/Sau Mau Ping Road (LTR RIW)

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Cumulative Max. 24-Hour and 10 th Highest 24-Hour RSP Concentration (µg/m3) [1]															
				(AQO=100µg/m3, Number of Exceedance Allowed=9)															
				1.5m					5m					10m					
				Max. 24-hour RSP		10th Max. 24-hour RSP		# Exceeded	Max. 24-hour RSP		10th Max. 24-hour RSP		# Exceeded	Max. 24-hour RSP		10th Max. 24-hour RSP		# Exceeded	
Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution		Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution							
AEPD-01	842857.2	819521.1	10	141	28	93	11	6	126	13	84	8	2	120	7	81	2	1	
AHTE-1	842541.6	819243.0	84	122	9	97	35	7	115	2	90	13	1	113	<1	85	9	1	
AHTE-4	842665.9	819313.0	84	125	11	101	39	10	121	8	92	16	5	117	4	85	13	1	
AHTE-6	842738.2	819356.6	84	137	23	98	40	7	128	15	90	18	4	121	8	84	2	1	
AHTE-7	842662.1	819420.6	1.5	118	3	95	20	4	-	-	-	-	-	-	-	-	-	-	
AHWC-03	842822.6	819472.5	104	122	9	98	35	8	121	8	87	16	2	119	6	82	1	1	
ALTE-5	842446.2	819217.4	112	113	<1	85	12	1	113	<1	85	11	1	113	<1	83	6	1	
ALTP-1	842830.0	819203.4	1.5	114	2	81	6	1	-	-	-	-	-	-	-	-	-	-	
ALTP-2	842669.6	819014.8	1.5	114	<1	82	1	1	-	-	-	-	-	-	-	-	-	-	
ALTP-3	842663.9	819067.3	1.5	114	1	83	8	1	-	-	-	-	-	-	-	-	-	-	
ALTP-4	842825.2	819075.1	1.5	113	<1	79	<1	1	-	-	-	-	-	-	-	-	-	-	
APTE-03	842373.0	819789.0	80	118	<1	86	4	1	116	<1	85	4	1	114	<1	84	4	1	
APTE-12	842473.0	819704.0	122	114	<1	86	7	1	114	<1	85	<1	1	113	<1	84	4	1	
APTE-14	842566.0	819719.0	122	119	<1	84	<1	1	118	<1	85	<1	1	116	<1	84	3	1	
APTE-15	842634.0	819749.0	122	119	2	84	<1	1	118	2	84	<1	1	117	1	84	<1	1	
APTE-16	842727.0	819780.0	122	119	4	83	5	1	119	4	83	5	1	118	3	83	5	1	
ASECP-2	842537.9	819207.9	21	125	55	113	53	49	113	<1	97	33	5	113	<1	87	13	1	
ASMP-37	842310.9	819740.3	1.5	113	<1	90	2	1	-	-	-	-	-	-	-	-	-	-	
ASMP-40	842364.0	819609.7	112	114	<1	84	3	1	114	<1	84	3	1	113	<1	83	<1	1	
ASMPR-1	842291.6	819521.1	1.5	113	<1	83	4	1	-	-	-	-	-	-	-	-	-	-	
ASPS-01	842510.0	818894.7	21	113	<1	83	8	1	113	<1	83	10	1	113	<1	83	8	1	
ATPN-21	842180.7	819294.6	84	113	<1	81	2	1	113	<1	81	3	1	113	<1	81	3	1	
ATPN-22	842212.6	819331.6	84	113	<1	82	2	1	113	<1	82	4	1	113	<1	81	3	1	
ATTE-3	842585.2	819096.2	60	116	30	104	36	15	113	<1	95	23	6	113	<1	90	16	1	
ATTE-5	842667.6	818876.7	84	113	<1	80	<1	1	113	<1	80	<1	1	113	<1	80	<1	1	
ATTE-6	842702.1	818974.8	84	114	<1	80	<1	1	114	<1	80	<1	1	113	<1	80	<1	1	
ATTPS-01	842486.1	819113.0	21	113	<1	90	18	1	113	<1	88	16	1	113	<1	85	9	1	
DARD-11	842371.6	820037.8	82.4	115	<1	92	<1	1	114	<1	91	<1	1	114	<1	89	<1	1	
DARE-27	842480.9	820085.5	32	128	<1	115	<1	56	116	<1	101	<1	14	115	<1	93	<1	3	

Note:
 [1] Figure shaded and bolded where exceedance of AQO occur at the assessed level of ASR.
 [2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Mitigated - RSP

RIW - Lin Tak Road/Sau Mau Ping Road (LTR RIW)

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Cumulative Annual RSP Concentration ($\mu\text{g}/\text{m}^3$) [1]					
				(AQO=50 $\mu\text{g}/\text{m}^3$)					
				1.5m		5m		10m	
				Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution
AEPD-01	842857.2	819521.1	10	41	1	41	<1	40	<1
AHTE-1	842541.6	819243.0	84	43	2	42	1	41	<1
AHTE-4	842665.9	819313.0	84	43	2	42	1	41	<1
AHTE-6	842738.2	819356.6	84	43	2	42	1	41	<1
AHTE-7	842662.1	819420.6	1.5	42	<1	-	-	-	-
AHWC-03	842822.6	819472.5	104	42	2	41	<1	41	<1
ALTE-5	842446.2	819217.4	112	41	<1	41	<1	41	<1
ALTP-1	842830.0	819203.4	1.5	40	<1	-	-	-	-
ALTP-2	842669.6	819014.8	1.5	41	<1	-	-	-	-
ALTP-3	842663.9	819067.3	1.5	41	<1	-	-	-	-
ALTP-4	842825.2	819075.1	1.5	40	<1	-	-	-	-
APTE-03	842373.0	819789.0	80	41	<1	41	<1	41	<1
APTE-12	842473.0	819704.0	122	41	<1	41	<1	41	<1
APTE-14	842566.0	819719.0	122	42	<1	41	<1	41	<1
APTE-15	842634.0	819749.0	122	41	<1	41	<1	41	<1
APTE-16	842727.0	819780.0	122	41	<1	41	<1	41	<1
ASECP-2	842537.9	819207.9	21	43	2	42	1	41	<1
ASMP-37	842310.9	819740.3	1.5	42	<1	-	-	-	-
ASMP-40	842364.0	819609.7	112	42	<1	41	<1	41	<1
ASMPR-1	842291.6	819521.1	1.5	41	<1	-	-	-	-
ASPS-01	842510.0	818894.7	21	40	<1	40	<1	40	<1
ATPN-21	842180.7	819294.6	84	41	<1	41	<1	41	<1
ATPN-22	842212.6	819331.6	84	41	<1	41	<1	41	<1
ATTE-3	842585.2	819096.2	60	42	<1	41	<1	41	<1
ATTE-5	842667.6	818876.7	84	40	<1	40	<1	40	<1
ATTE-6	842702.1	818974.8	84	40	<1	40	<1	40	<1
ATTPS-01	842486.1	819113.0	21	41	<1	41	<1	41	<1
DARD-11	842371.6	820037.8	82.4	42	<1	42	<1	41	<1
DARE-27	842480.9	820085.5	32	43	<1	42	<1	42	<1

Note:
 [1] Figure shaded and bolded where exceedance of AQO occur at the assessed level of ASR.
 [2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Tier 2 Mitigated - RSP

RIW - Lin Tak Road/Sau Mau Ping Road (LTR RIW)

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Cumulative Max. 24-Hour and 10 th Highest 24-Hour RSP Concentration (µg/m3) [1]														
				(AQO=100µg/m3, Number of Exceedance Allowed=9)														
				1.5m					5m					10m				
				Max. 24-hour RSP		10th Max. 24-hour RSP		# Exceeded	Max. 24-hour RSP		10th Max. 24-hour RSP		# Exceeded	Max. 24-hour RSP		10th Max. 24-hour RSP		# Exceeded
Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution		Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution						
AHTE-4	842665.9	819313.0	84	118	5	93	16	5	115	2	84	15	1	113	<1	82	<1	1
ASECP-2	842537.9	819207.9	21	115	2	99	27	7	113	<1	86	6	1	113	<1	82	<1	1
DARE-27	842480.9	820085.5	32	117	<1	98	<1	7	115	<1	86	<1	1	114	<1	82	<1	1
ATTE-3	842585.2	819096.2	60	114	1	93	25	3	113	<1	86	14	2	113	<1	83	<1	1

Note:
 [1] Figure shaded and bolded where exceedance of AQO occur at the assessed level of ASR.
 [2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Unmitigated - FSP

RIW - Clear Water Bay Road/OnSau Road + New Clear Water Bay Road/Shun Lee Tsuen Road

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Cumulative Max. 24-Hour and 10 th Highest 24-Hour FSP Concentration (µg/m3) [1]														
				(AQO=75µg/m3, Number of Exceedance Allowed=9)														
				1.5m					5m					10m				
				Max. 24-hour FSP		10th Max. 24-hour FSP		# Exceeded	Max. 24-hour FSP		10th Max. 24-hour FSP		# Exceeded	Max. 24-hour FSP		10th Max. 24-hour FSP		# Exceeded
Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution		Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution						
AEPD-01	842857.2	819521.1	10	115	30	74	14	8	98	14	65	5	2	92	7	61	4	2
AHTE-1	842541.6	819243.0	84	95	38	82	25	32	86	1	73	29	5	84	<1	67	11	1
AHTE-4	842665.9	819313.0	84	101	44	86	29	50	93	8	74	26	9	89	4	65	10	1
AHTE-6	842738.2	819356.6	84	109	24	84	37	32	100	15	71	20	6	93	9	64	8	1
AHTE-7	842662.1	819420.6	1.5	91	28	76	18	10	-	-	-	-	-	-	-	-	-	-
AHWC-03	842822.6	819472.5	104	98	38	83	23	28	92	8	70	10	6	91	7	62	5	1
ALTE-5	842446.2	819217.4	112	84	<1	67	14	1	84	<1	66	14	1	84	<1	64	7	1
ALTP-1	842830.0	819203.4	1.5	85	<1	60	5	1	-	-	-	-	-	-	-	-	-	-
ALTP-2	842669.6	819014.8	1.5	84	<1	62	<1	1	-	-	-	-	-	-	-	-	-	-
ALTP-3	842663.9	819067.3	1.5	84	<1	64	8	1	-	-	-	-	-	-	-	-	-	-
ALTP-4	842825.2	819075.1	1.5	84	<1	59	3	1	-	-	-	-	-	-	-	-	-	-
APTE-03	842373.0	819789.0	80	85	<1	60	<1	1	85	<1	60	<1	1	84	<1	59	<1	1
APTE-12	842473.0	819704.0	122	85	<1	61	4	1	85	<1	61	<1	1	84	<1	60	<1	1
APTE-14	842566.0	819719.0	122	86	<1	62	<1	1	86	<1	62	<1	1	85	<1	60	<1	1
APTE-15	842634.0	819749.0	122	87	2	61	<1	1	87	2	61	<1	1	86	1	60	<1	1
APTE-16	842727.0	819780.0	122	89	4	60	3	1	89	4	60	3	1	88	3	60	<1	1
ASECP-2	842537.9	819207.9	21	114	63	100	58	100	88	36	81	31	30	84	<1	70	20	1
ASMP-37	842310.9	819740.3	1.5	84	<1	60	<1	1	-	-	-	-	-	-	-	-	-	-
ASMP-40	842364.0	819609.7	112	85	<1	62	9	1	84	<1	61	<1	1	84	<1	61	<1	1
ASMPR-1	842291.6	819521.1	1.5	84	<1	61	<1	1	-	-	-	-	-	-	-	-	-	-
ASPS-01	842510.0	818894.7	21	84	<1	62	4	1	84	<1	62	4	1	84	<1	62	4	1
ATPN-21	842180.7	819294.6	84	85	<1	60	2	1	85	<1	60	2	1	84	<1	59	2	1
ATPN-22	842212.6	819331.6	84	84	<1	60	2	1	84	<1	60	2	1	84	<1	60	2	1
ATTE-3	842585.2	819096.2	60	97	40	85	35	38	86	29	77	28	14	84	<1	70	13	3
ATTE-5	842667.6	818876.7	84	84	<1	60	<1	1	84	<1	60	<1	1	84	<1	60	<1	1
ATTE-6	842702.1	818974.8	84	84	<1	61	4	1	84	<1	61	4	1	84	<1	61	5	1
ATTPS-01	842486.1	819113.0	21	84	<1	71	24	2	84	<1	70	20	1	84	<1	67	7	1
DARD-11	842371.6	820037.8	82.4	85	<1	60	2	1	84	<1	60	2	1	84	<1	59	<1	1
DARE-27	842480.9	820085.5	32	85	<1	61	<1	1	85	<1	60	<1	1	84	<1	60	<1	1

Note:
 [1] Figure shaded and bolded where exceedance of AQO occur at the assessed level of ASR.
 [2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Unmitigated - FSP

RIW - Clear Water Bay Road/Onsau Road + New Clear Water Bay Road/Shun Lee Tsuen Road

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Cumulative Annual FSP Concentration ($\mu\text{g}/\text{m}^3$) [1]					
				(AQO= $35\mu\text{g}/\text{m}^3$)					
				1.5m		5m		10m	
				Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution
AEPD-01	842857.2	819521.1	10	30	1	29	<1	29	<1
AHTE-1	842541.6	819243.0	84	31	2	30	1	30	<1
AHTE-4	842665.9	819313.0	84	31	2	30	1	30	<1
AHTE-6	842738.2	819356.6	84	31	2	30	1	29	<1
AHTE-7	842662.1	819420.6	1.5	30	<1	-	-	-	-
AHWC-03	842822.6	819472.5	104	31	2	30	<1	29	<1
ALTE-5	842446.2	819217.4	112	30	<1	30	<1	29	<1
ALTP-1	842830.0	819203.4	1.5	28	<1	-	-	-	-
ALTP-2	842669.6	819014.8	1.5	29	<1	-	-	-	-
ALTP-3	842663.9	819067.3	1.5	29	<1	-	-	-	-
ALTP-4	842825.2	819075.1	1.5	28	<1	-	-	-	-
APTE-03	842373.0	819789.0	80	29	<1	29	<1	29	<1
APTE-12	842473.0	819704.0	122	29	<1	29	<1	29	<1
APTE-14	842566.0	819719.0	122	30	<1	29	<1	29	<1
APTE-15	842634.0	819749.0	122	29	<1	29	<1	29	<1
APTE-16	842727.0	819780.0	122	29	<1	29	<1	29	<1
ASECP-2	842537.9	819207.9	21	31	2	30	1	30	<1
ASMP-37	842310.9	819740.3	1.5	29	<1	-	-	-	-
ASMP-40	842364.0	819609.7	112	30	<1	30	<1	29	<1
ASMPR-1	842291.6	819521.1	1.5	29	<1	-	-	-	-
ASPS-01	842510.0	818894.7	21	29	<1	29	<1	28	<1
ATPN-21	842180.7	819294.6	84	30	<1	29	<1	29	<1
ATPN-22	842212.6	819331.6	84	29	<1	29	<1	29	<1
ATTE-3	842585.2	819096.2	60	30	<1	29	<1	29	<1
ATTE-5	842667.6	818876.7	84	29	<1	28	<1	28	<1
ATTE-6	842702.1	818974.8	84	28	<1	28	<1	28	<1
ATTPS-01	842486.1	819113.0	21	29	<1	29	<1	29	<1
DARD-11	842371.6	820037.8	82.4	29	<1	29	<1	29	<1
DARE-27	842480.9	820085.5	32	29	<1	29	<1	29	<1

Note:

[1] Figure shaded and bolded where exceedance of AQO occur at the assessed level of ASR.

[2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Tier 1 Mitigated - FSP

RIW - Clear Water Bay Road/Onsau Road + New Clear Water Bay Road/Shun Lee Tsuen Road

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Cumulative Max. 24-Hour and 10 th Highest 24-Hour FSP Concentration ($\mu\text{g}/\text{m}^3$) [1]														
				(AQO= $75\mu\text{g}/\text{m}^3$, Number of Exceedance Allowed=9)														
				1.5m					5m					10m				
				Max. 24-hour FSP		10th Max. 24-hour FSP		# Exceeded	Max. 24-hour FSP		10th Max. 24-hour FSP		# Exceeded	Max. 24-hour FSP		10th Max. 24-hour FSP		# Exceeded
Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution		Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution						
AEPD-01	842857.2	819521.1	10	89	4	59	3	1	87	2	58	<1	1	85	1	58	<1	1
AHTE-1	842541.6	819243.0	84	86	1	61	<1	1	85	<1	60	<1	1	84	<1	59	2	1
AHTE-4	842665.9	819313.0	84	86	2	61	<1	1	86	1	60	<1	1	85	<1	59	2	1
AHTE-6	842738.2	819356.6	84	88	4	61	4	1	87	2	61	<1	1	86	1	59	1	1
AHTE-7	842662.1	819420.6	1.5	86	<1	62	2	1	-	-	-	-	-	-	-	-	-	-
AHWC-03	842822.6	819472.5	104	86	1	61	3	1	86	1	60	<1	1	85	<1	58	1	1
ALTE-5	842446.2	819217.4	112	84	<1	59	1	1	84	<1	59	1	1	84	<1	58	1	1
ALTP-1	842830.0	819203.4	1.5	84	<1	57	2	1	-	-	-	-	-	-	-	-	-	-
ALTP-2	842669.6	819014.8	1.5	84	<1	58	1	1	-	-	-	-	-	-	-	-	-	-
ALTP-3	842663.9	819067.3	1.5	84	<1	59	2	1	-	-	-	-	-	-	-	-	-	-
ALTP-4	842825.2	819075.1	1.5	84	<1	57	<1	1	-	-	-	-	-	-	-	-	-	-
APTE-03	842373.0	819789.0	80	85	<1	59	<1	1	85	<1	59	<1	1	84	<1	58	<1	1
APTE-12	842473.0	819704.0	122	85	<1	59	<1	1	85	<1	59	<1	1	84	<1	59	1	1
APTE-14	842566.0	819719.0	122	85	<1	60	<1	1	85	<1	60	<1	1	85	<1	59	2	1
APTE-15	842634.0	819749.0	122	85	<1	59	1	1	85	<1	59	1	1	85	<1	59	1	1
APTE-16	842727.0	819780.0	122	85	<1	58	<1	1	85	<1	58	<1	1	85	<1	58	<1	1
ASECP-2	842537.9	819207.9	21	85	<1	61	4	1	84	<1	60	<1	1	84	<1	59	2	1
ASMP-37	842310.9	819740.3	1.5	84	<1	59	<1	1	-	-	-	-	-	-	-	-	-	-
ASMP-40	842364.0	819609.7	112	85	<1	59	<1	1	84	<1	59	<1	1	84	<1	58	<1	1
ASMPR-1	842291.6	819521.1	1.5	84	<1	58	<1	1	-	-	-	-	-	-	-	-	-	-
ASPS-01	842510.0	818894.7	21	84	<1	58	<1	1	84	<1	58	<1	1	84	<1	58	<1	1
ATPN-21	842180.7	819294.6	84	85	<1	58	<1	1	85	<1	58	<1	1	84	<1	58	<1	1
ATPN-22	842212.6	819331.6	84	84	<1	58	<1	1	84	<1	58	<1	1	84	<1	58	<1	1
ATTE-3	842585.2	819096.2	60	84	<1	61	5	1	84	<1	60	<1	1	84	<1	59	3	1
ATTE-5	842667.6	818876.7	84	84	<1	58	<1	1	84	<1	58	<1	1	84	<1	58	<1	1
ATTE-6	842702.1	818974.8	84	84	<1	58	<1	1	84	<1	58	<1	1	84	<1	58	<1	1
ATTPS-01	842486.1	819113.0	21	84	<1	59	2	1	84	<1	59	2	1	84	<1	59	2	1
DARD-11	842371.6	820037.8	82.4	85	<1	59	<1	1	84	<1	59	<1	1	84	<1	59	<1	1
DARE-27	842480.9	820085.5	32	85	<1	61	<1	1	85	<1	60	<1	1	84	<1	59	<1	1

Note:

[1] Figure shaded and bolded where exceedance of AQO occur at the assessed level of ASR.

[2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.

Appendix 4.9 Detailed Results of Construction Dust Assessment (LTR RIW)

Scenario - Mitigated - FSP

RIW - Clear Water Bay Road/Onsau Road + New Clear Water Bay Road/Shun Lee Tsuen Road

ASR ID	X	Y	Approx. Roof Height above Ground (m)	Cumulative Annual FSP Concentration ($\mu\text{g}/\text{m}^3$) [1]					
				(AQO= $35\mu\text{g}/\text{m}^3$)					
				1.5m		5m		10m	
				Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution	Cumulative [2]	Project Contribution
AEPD-01	842857.2	819521.1	10	29	<1	29	<1	29	<1
AHTE-1	842541.6	819243.0	84	29	<1	29	<1	29	<1
AHTE-4	842665.9	819313.0	84	30	<1	29	<1	29	<1
AHTE-6	842738.2	819356.6	84	30	<1	29	<1	29	<1
AHTE-7	842662.1	819420.6	1.5	30	<1	-	-	-	-
AHWC-03	842822.6	819472.5	104	29	<1	29	<1	29	<1
ALTE-5	842446.2	819217.4	112	29	<1	29	<1	29	<1
ALTP-1	842830.0	819203.4	1.5	28	<1	-	-	-	-
ALTP-2	842669.6	819014.8	1.5	29	<1	-	-	-	-
ALTP-3	842663.9	819067.3	1.5	29	<1	-	-	-	-
ALTP-4	842825.2	819075.1	1.5	28	<1	-	-	-	-
APTE-03	842373.0	819789.0	80	29	<1	29	<1	29	<1
APTE-12	842473.0	819704.0	122	29	<1	29	<1	29	<1
APTE-14	842566.0	819719.0	122	29	<1	29	<1	29	<1
APTE-15	842634.0	819749.0	122	29	<1	29	<1	29	<1
APTE-16	842727.0	819780.0	122	29	<1	29	<1	29	<1
ASECP-2	842537.9	819207.9	21	29	<1	29	<1	29	<1
ASMP-37	842310.9	819740.3	1.5	29	<1	-	-	-	-
ASMP-40	842364.0	819609.7	112	29	<1	29	<1	29	<1
ASMPR-1	842291.6	819521.1	1.5	29	<1	-	-	-	-
ASPS-01	842510.0	818894.7	21	28	<1	28	<1	28	<1
ATPN-21	842180.7	819294.6	84	29	<1	29	<1	29	<1
ATPN-22	842212.6	819331.6	84	29	<1	29	<1	29	<1
ATTE-3	842585.2	819096.2	60	29	<1	29	<1	29	<1
ATTE-5	842667.6	818876.7	84	29	<1	28	<1	28	<1
ATTE-6	842702.1	818974.8	84	28	<1	28	<1	28	<1
ATTPS-01	842486.1	819113.0	21	29	<1	29	<1	29	<1
DARD-11	842371.6	820037.8	82.4	29	<1	29	<1	29	<1
DARE-27	842480.9	820085.5	32	29	<1	29	<1	29	<1

Note:

[1] Figure shaded and bolded where exceedance of AQO occur at the assessed level of ASR.

[2] Cumulative stands for cumulative results from project contribution, concurrent projects contribution and background concentration.