

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 1) (Tier 1)

10th Highest Daily FSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.8503	0.0443	0.0310	0.0253	0.0009	0.0674	59.6169	60.6361
A1	5.00	0.7444	0.0327	0.0305	0.0241	0.0010	0.0535	59.6169	60.5032
A1	10.00	0.3519	0.0139	0.0000	0.0140	0.0021	0.0295	59.8283	60.2398
A2	1.50	1.4748	8.9951	0.1140	0.4415	0.0017	0.1340	49.6114	60.7724
A2	5.00	0.6757	0.0018	0.0000	0.1316	0.0095	0.0235	58.6433	59.4854
A2	10.00	0.2473	0.0013	0.0000	0.1301	0.0315	0.0019	58.6433	59.0554
A3	1.50	0.2002	0.0391	0.0080	0.6515	0.0008	0.0433	59.7985	60.7415
A3	5.00	0.1946	0.0322	0.0080	0.6550	0.0007	0.0354	59.7985	60.7244
A3	10.00	0.3114	0.0000	0.0000	0.4448	0.0139	0.0329	59.8283	60.6313
A4	1.50	0.1957	0.0017	0.0151	0.4423	0.0048	0.1783	59.6169	60.4549
A4	5.00	0.1918	0.0006	0.0145	0.4601	0.0045	0.0309	59.6169	60.3193
A4	10.00	0.1798	0.0002	0.0140	0.4747	0.0338	0.0224	59.6169	60.3419
A5	1.50	0.3278	0.0000	0.0000	0.0000	0.0062	0.0735	58.8534	59.2609
A5	5.00	0.3130	0.0000	0.0000	0.0005	0.0057	0.0452	58.8534	59.2177
A5	10.00	0.2701	0.0000	0.0000	0.0038	0.0050	0.0378	58.8534	59.1701
A6	1.50	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	58.8534	58.8554
A6	5.00	0.0000	0.0000	0.0000	0.0021	0.0003	0.0000	58.8534	58.8558
A6	10.00	0.0000	0.0000	0.0000	0.0023	0.0015	0.0000	58.8534	58.8572

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 1) (Tier 1)

Annual FSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.3167	0.0205	0.0234	0.0223	0.0023	0.0041	23.9546	24.3440
A1	5.00	0.2796	0.0152	0.0232	0.0213	0.0024	0.0029	23.9546	24.2992
A1	10.00	0.1976	0.0113	0.0228	0.0220	0.0029	0.0017	23.9546	24.2129
A2	1.50	0.5669	0.1636	0.0304	0.0412	0.0016	0.0066	22.9788	23.7892
A2	5.00	0.4213	0.0331	0.0301	0.0409	0.0023	0.0019	22.9788	23.5085
A2	10.00	0.2314	0.0089	0.0296	0.0411	0.0093	0.0010	22.9788	23.3002
A3	1.50	0.1498	0.0112	0.0199	0.1170	0.0026	0.0043	23.9546	24.2595
A3	5.00	0.1447	0.0063	0.0197	0.1102	0.0028	0.0023	23.9546	24.2406
A3	10.00	0.1297	0.0047	0.0194	0.1097	0.0034	0.0016	23.9546	24.2230
A4	1.50	0.0713	0.0033	0.0187	0.2594	0.0027	0.0026	23.9546	24.3126
A4	5.00	0.0702	0.0027	0.0185	0.2679	0.0029	0.0011	23.9546	24.3180
A4	10.00	0.0669	0.0024	0.0183	0.2837	0.0064	0.0007	23.9546	24.3332
A5	1.50	0.1825	0.0298	0.0290	0.0867	0.0043	0.0061	23.2615	23.6000
A5	5.00	0.1747	0.0181	0.0287	0.1293	0.0053	0.0023	23.2615	23.6199
A5	10.00	0.1525	0.0072	0.0282	0.2760	0.0126	0.0016	23.2615	23.7395
A6	1.50	0.2050	0.0079	0.0298	0.1951	0.0275	0.0057	23.2615	23.7326
A6	5.00	0.1964	0.0076	0.0295	0.1956	0.0397	0.0036	23.2615	23.7339
A6	10.00	0.1712	0.0055	0.0290	0.2137	0.0768	0.0015	23.2615	23.7593

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 1) (Tier 1)

10th Highest Daily RSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.9278	0.2564	0.1525	0.0253	0.0009	0.4084	79.4893	81.2605
A1	5.00	0.8124	0.1960	0.1446	0.0241	0.0010	0.3277	79.4893	80.9950
A1	10.00	0.5484	0.0856	0.1389	0.0231	0.0011	0.1893	79.4893	80.4755
A2	1.50	1.5769	1.6283	0.2030	0.1289	0.0018	1.7220	78.5852	83.8460
A2	5.00	0.7360	0.0108	0.0000	0.1316	0.0095	0.1502	78.1910	79.2291
A2	10.00	0.2691	0.0083	0.0000	0.1301	0.0315	0.0127	78.1910	78.6428
A3	1.50	0.4199	0.0003	0.0002	0.5353	0.0151	0.9940	79.7711	81.7359
A3	5.00	0.3990	0.0003	0.0000	0.4852	0.0144	0.2343	79.7711	80.9043
A3	10.00	0.3396	0.0000	0.0000	0.4448	0.0139	0.2028	79.7711	80.7721
A4	1.50	0.2130	0.0088	0.0613	0.4423	0.0048	1.0424	79.4893	81.2618
A4	5.00	0.2087	0.0030	0.0556	0.4601	0.0045	0.1925	79.4893	80.4138
A4	10.00	0.1957	0.0015	0.0519	0.4747	0.0338	0.1445	79.4893	80.3913
A5	1.50	0.3571	0.0000	0.0000	0.0000	0.0062	0.4535	78.4712	79.2879
A5	5.00	0.3410	0.0000	0.0000	0.0005	0.0057	0.2843	78.4712	79.1025
A5	10.00	0.2943	0.0000	0.0000	0.0038	0.0050	0.2468	78.4712	79.0211
A6	1.50	0.1660	0.0732	0.0356	0.0245	0.0242	0.6785	77.6846	78.6866
A6	5.00	0.0000	0.0000	0.0000	0.0021	0.0003	0.0000	78.4712	78.4736
A6	10.00	0.0000	0.0000	0.0000	0.0023	0.0015	0.0000	78.4712	78.4750

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 1) (Tier 1)

Annual RSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.3449	0.1129	0.0787	0.0223	0.0023	0.2420	33.7389	34.5420
A1	5.00	0.3044	0.0844	0.0777	0.0213	0.0024	0.1763	33.7389	34.4054
A1	10.00	0.2151	0.0641	0.0763	0.0220	0.0029	0.1022	33.7389	34.2216
A2	1.50	0.6171	0.8741	0.1035	0.0412	0.0016	0.3840	32.3645	34.3861
A2	5.00	0.4586	0.1821	0.1023	0.0409	0.0023	0.1153	32.3645	33.2661
A2	10.00	0.2518	0.0558	0.1004	0.0411	0.0093	0.0634	32.3645	32.8865
A3	1.50	0.1631	0.0617	0.0695	0.1170	0.0026	0.2661	33.7389	34.4190
A3	5.00	0.1576	0.0348	0.0688	0.1102	0.0028	0.1446	33.7389	34.2577
A3	10.00	0.1412	0.0262	0.0679	0.1097	0.0034	0.1029	33.7389	34.1901
A4	1.50	0.0776	0.0170	0.0663	0.2594	0.0027	0.1550	33.7389	34.3169
A4	5.00	0.0764	0.0140	0.0657	0.2679	0.0029	0.0676	33.7389	34.2335
A4	10.00	0.0729	0.0130	0.0648	0.2837	0.0064	0.0460	33.7389	34.2259
A5	1.50	0.1987	0.1274	0.0212	0.0867	0.0043	0.3711	32.7627	33.5721
A5	5.00	0.1903	0.0843	0.0210	0.1293	0.0053	0.1441	32.7627	33.3369
A5	10.00	0.1660	0.0381	0.0206	0.2760	0.0126	0.1033	32.7627	33.3792
A6	1.50	0.2236	0.0359	0.0226	0.1951	0.0275	0.3430	32.7627	33.6105
A6	5.00	0.2142	0.0360	0.0224	0.1956	0.0397	0.2230	32.7627	33.4936
A6	10.00	0.1867	0.0287	0.0220	0.2137	0.0768	0.0979	32.7627	33.3886

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 1) (Tier 1)

Maximum Hourly TSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.1835	0.2505	0.0000	0.0070	0.0000	0.3460	192.9040	198.4512
A1	5.00	0.1610	0.2556	0.0000	0.0050	0.0000	0.3480	192.9040	198.3788
A1	10.00	0.1105	0.2285	0.0000	0.0040	0.0000	0.3020	192.9040	198.2876
A2	1.50	4.0447	634.3400	2.7120	0.0000	0.0000	0.0000	30.6090	773.3166
A2	5.00	0.0733	0.0000	0.0000	0.0000	0.0000	1.0140	189.0830	193.2702
A2	10.00	0.0382	0.0000	0.0000	0.0000	0.0000	1.2430	189.0830	192.9617
A3	1.50	0.0500	0.0000	0.0000	0.5850	0.0000	0.0000	192.9040	200.4418
A3	5.00	0.0488	0.0000	0.0000	0.6440	0.0000	0.0000	192.9040	200.4709
A3	10.00	0.0451	0.0000	0.0000	0.9940	0.0000	0.0000	192.9040	200.4081
A4	1.50	0.0009	0.0000	0.0000	0.2020	0.0000	0.0000	192.9040	199.6530
A4	5.00	0.0009	0.0000	0.0000	0.1600	0.0000	0.0000	192.9040	199.6830
A4	10.00	0.0009	0.0000	0.0000	0.1680	0.0000	0.0000	192.9040	199.5680
A5	1.50	2.0942	313.0021	0.0000	0.0000	0.0000	48.0580	1.4760	418.9869
A5	5.00	0.0539	0.0000	0.0000	0.0000	0.0000	0.0000	193.4390	207.1165
A5	10.00	0.0274	0.0000	0.0000	0.0000	0.0000	0.0000	188.0490	193.4871
A6	1.50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	188.0490	193.4390
A6	5.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	188.0490	193.4390
A6	10.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	188.0490	193.4390

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

10th Highest Daily FSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.6785	0.0000	0.0002	0.0145	0.0015	0.0540	59.2088	59.9575
A1	5.00	0.5735	0.0000	0.0000	0.0109	0.0018	0.0375	59.2088	59.8326
A1	10.00	0.3509	0.0000	0.0000	0.0140	0.0021	0.0295	59.2088	59.6054
A2	1.50	0.9769	0.0000	0.0000	0.1315	0.0047	0.2100	58.0450	59.3682
A2	5.00	0.6353	0.0000	0.0000	0.1316	0.0095	0.0235	58.0450	58.8449
A2	10.00	0.2426	0.0000	0.0000	0.1301	0.0315	0.0019	58.0450	58.4511
A3	1.50	0.1880	0.0000	0.0080	0.6515	0.0008	0.0433	59.0530	59.9446
A3	5.00	0.1831	0.0000	0.0080	0.6550	0.0007	0.0354	59.0530	59.9352
A3	10.00	0.2989	0.0000	0.0000	0.4448	0.0139	0.0329	59.2088	59.9993
A4	1.50	0.0709	0.0000	0.0024	0.6604	0.0060	0.0213	58.9968	59.7577
A4	5.00	0.0700	0.0000	0.0024	0.6525	0.0055	0.0090	58.9968	59.7362
A4	10.00	0.0673	0.0000	0.0024	0.6793	0.0052	0.0076	58.9968	59.7586
A5	1.50	0.4102	0.0006	0.0241	0.0322	0.0050	0.2339	57.8472	58.5532
A5	5.00	0.3918	0.0006	0.0241	0.0410	0.0048	0.0566	57.8472	58.3661
A5	10.00	0.3387	0.0006	0.0241	0.0629	0.0378	0.0447	57.8472	58.3560
A6	1.50	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	58.2730	58.2751
A6	5.00	0.1100	0.0000	0.0216	0.0281	0.1774	0.0577	57.8472	58.2421
A6	10.00	0.0966	0.0000	0.0216	0.0297	0.1734	0.0035	57.8472	58.1721

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

10th Highest Daily FSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.0506	0.1621	0.0003	0.0624	0.0000	0.0007	58.0450	58.3211
A101	30.00	0.0378	0.0448	0.0003	0.0625	0.0000	0.0006	58.0450	58.1909
A101	40.00	0.0261	0.0122	0.0003	0.0616	0.0000	0.0005	58.0450	58.1457
A101	50.00	0.0173	0.0031	0.0004	0.0566	0.0000	0.0004	58.0450	58.1228
A101	60.00	0.0113	0.0007	0.0004	0.0508	0.0000	0.0004	58.0450	58.1085
A101	70.00	0.0075	0.0002	0.0004	0.0452	0.0000	0.0003	58.0450	58.0986
A101	80.00	0.0052	0.0000	0.0004	0.0391	0.0000	0.0003	58.0450	58.0900
A104	20.00	0.0555	0.0549	0.0003	0.0638	0.0000	0.0009	58.0450	58.2203
A104	30.00	0.0387	0.0158	0.0003	0.0636	0.0000	0.0008	58.0450	58.1642
A104	40.00	0.0252	0.0055	0.0003	0.0623	0.0000	0.0007	58.0450	58.1390
A104	50.00	0.0160	0.0020	0.0003	0.0570	0.0000	0.0006	58.0450	58.1209
A104	60.00	0.0104	0.0006	0.0003	0.0508	0.0000	0.0006	58.0450	58.1077
A104	70.00	0.0071	0.0002	0.0003	0.0450	0.0000	0.0005	58.0450	58.0981
A104	80.00	0.0051	0.0001	0.0003	0.0389	0.0000	0.0005	58.0450	58.0899
A107	20.00	0.0529	0.0017	0.0003	0.0681	0.0000	0.0009	58.0450	58.1688
A107	30.00	0.0383	0.0005	0.0003	0.0681	0.0000	0.0008	58.0450	58.1530
A107	40.00	0.0258	0.0001	0.0003	0.0667	0.0000	0.0007	58.0450	58.1386
A107	50.00	0.0167	0.0000	0.0003	0.0611	0.0000	0.0006	58.0450	58.1237
A107	60.00	0.0108	0.0000	0.0003	0.0545	0.0000	0.0005	58.0450	58.1112
A107	70.00	0.0072	0.0000	0.0003	0.0483	0.0000	0.0005	58.0450	58.1013
A107	80.00	0.0051	0.0000	0.0003	0.0416	0.0000	0.0005	58.0450	58.0924
A108	20.00	0.0526	0.0000	0.0003	0.0705	0.0000	0.0010	58.0450	58.1693
A108	30.00	0.0383	0.0000	0.0003	0.0704	0.0000	0.0009	58.0450	58.1548
A108	40.00	0.0258	0.0000	0.0003	0.0690	0.0000	0.0008	58.0450	58.1409
A108	50.00	0.0167	0.0000	0.0003	0.0632	0.0000	0.0006	58.0450	58.1258
A108	60.00	0.0108	0.0000	0.0003	0.0563	0.0000	0.0006	58.0450	58.1130
A108	70.00	0.0072	0.0000	0.0003	0.0499	0.0000	0.0005	58.0450	58.1029
A108	80.00	0.0050	0.0000	0.0003	0.0428	0.0000	0.0005	58.0450	58.0936
A113	20.00	0.0573	0.0000	0.0002	0.0758	0.0000	0.0014	58.0450	58.1797
A113	30.00	0.0391	0.0000	0.0002	0.0753	0.0000	0.0013	58.0450	58.1608
A113	40.00	0.0250	0.0000	0.0002	0.0736	0.0000	0.0011	58.0450	58.1449
A113	50.00	0.0157	0.0000	0.0002	0.0671	0.0000	0.0010	58.0450	58.1290
A113	60.00	0.0101	0.0000	0.0002	0.0594	0.0000	0.0009	58.0450	58.1156
A113	70.00	0.0068	0.0000	0.0002	0.0523	0.0000	0.0009	58.0450	58.1051
A113	80.00	0.0049	0.0000	0.0002	0.0445	0.0000	0.0008	58.0450	58.0954
A115	20.00	0.0575	0.0000	0.0002	0.0793	0.0000	0.0015	58.0450	58.1836
A115	30.00	0.0392	0.0000	0.0002	0.0787	0.0000	0.0014	58.0450	58.1645
A115	40.00	0.0250	0.0000	0.0002	0.0768	0.0000	0.0013	58.0450	58.1482
A115	50.00	0.0156	0.0000	0.0002	0.0700	0.0000	0.0011	58.0450	58.1320
A115	60.00	0.0100	0.0000	0.0002	0.0619	0.0000	0.0010	58.0450	58.1181
A115	70.00	0.0067	0.0000	0.0002	0.0543	0.0000	0.0010	58.0450	58.1072
A115	80.00	0.0048	0.0000	0.0002	0.0461	0.0000	0.0009	58.0450	58.0970
A118	20.00	0.0524	0.0000	0.0001	0.0862	0.0000	0.0016	58.0450	58.1854
A118	30.00	0.0377	0.0000	0.0001	0.0859	0.0000	0.0015	58.0450	58.1701
A118	40.00	0.0250	0.0000	0.0001	0.0840	0.0000	0.0013	58.0450	58.1554
A118	50.00	0.0159	0.0000	0.0002	0.0769	0.0000	0.0011	58.0450	58.1390
A118	60.00	0.0101	0.0000	0.0002	0.0682	0.0000	0.0010	58.0450	58.1244
A118	70.00	0.0066	0.0000	0.0002	0.0597	0.0000	0.0009	58.0450	58.1123
A118	80.00	0.0046	0.0000	0.0002	0.0503	0.0000	0.0009	58.0450	58.1010
A125	20.00	0.1321	0.0000	0.0000	0.0066	0.0000	0.0003	59.5779	59.7168
A125	30.00	0.0620	0.0000	0.0000	0.0062	0.0000	0.0003	59.5779	59.6464
A125	40.00	0.0354	0.0000	0.0000	0.0060	0.0000	0.0003	59.5779	59.6196
A125	50.00	0.0236	0.0000	0.0000	0.0060	0.0000	0.0003	59.5779	59.6077
A125	60.00	0.0173	0.0000	0.0000	0.0059	0.0000	0.0003	59.5779	59.6013
A125	70.00	0.0133	0.0000	0.0000	0.0059	0.0000	0.0003	59.5779	59.5973
A125	80.00	0.0105	0.0000	0.0000	0.0058	0.0000	0.0003	59.5779	59.5945
A128	20.00	0.1233	0.0000	0.0000	0.0070	0.0000	0.0003	59.5779	59.7085
A128	30.00	0.0571	0.0000	0.0000	0.0065	0.0000	0.0003	59.5779	59.6418
A128	40.00	0.0333	0.0000	0.0000	0.0063	0.0000	0.0003	59.5779	59.6178
A128	50.00	0.0227	0.0000	0.0000	0.0063	0.0000	0.0003	59.5779	59.6071
A128	60.00	0.0168	0.0000	0.0000	0.0062	0.0000	0.0003	59.5779	59.6012
A128	70.00	0.0130	0.0000	0.0000	0.0061	0.0000	0.0003	59.5779	59.5972
A128	80.00	0.0103	0.0000	0.0000	0.0060	0.0000	0.0003	59.5779	59.5945
A131	20.00	0.0526	0.2323	0.0005	0.0550	0.0000	0.0005	58.0450	58.3859
A131	30.00	0.0383	0.0788	0.0005	0.0552	0.0000	0.0004	58.0450	58.2181
A131	40.00	0.0259	0.0268	0.0005	0.0544	0.0000	0.0004	58.0450	58.1530
A131	50.00	0.0170	0.0087	0.0005	0.0499	0.0000	0.0003	58.0450	58.1213
A131	60.00	0.0111	0.0026	0.0005	0.0447	0.0000	0.0003	58.0450	58.1042
A131	70.00	0.0075	0.0007	0.0005	0.0400	0.0000	0.0003	58.0450	58.0941
A131	80.00	0.0053	0.0002	0.0005	0.0349	0.0000	0.0002	58.0450	58.0861
A135	20.00	0.0516	0.2175	0.0004	0.0585	0.0000	0.0006	58.0450	58.3736
A135	30.00	0.0380	0.0708	0.0004	0.0587	0.0000	0.0005	58.0450	58.2134
A135	40.00	0.0260	0.0228	0.0004	0.0578	0.0000	0.0005	58.0450	58.1525
A135	50.00	0.0171	0.0069	0.0004	0.0531	0.0000	0.0004	58.0450	58.1228
A135	60.00	0.0112	0.0019	0.0004	0.0476	0.0000	0.0003	58.0450	58.1064
A135	70.00	0.0075	0.0005	0.0004	0.0425	0.0000	0.0003	58.0450	58.0961
A135	80.00	0.0053	0.0001	0.0005	0.0369	0.0000	0.0003	58.0450	58.0879
A136	20.00	0.0529	0.0000	0.0001	0.0891	0.0000	0.0018	58.0450	58.1889
A136	30.00	0.0376	0.0000	0.0001	0.0887	0.0000	0.0016	58.0450	58.1730
A136	40.00	0.0247	0.0000	0.0001	0.0868	0.0000	0.0014	58.0450	58.1579
A136	50.00	0.0156	0.0000	0.0001	0.0793	0.0000	0.0013	58.0450	58.1412
A136	60.00	0.0098	0.0000	0.0001	0.0702	0.0000	0.0011	58.0450	58.1262
A136	70.00	0.0065	0.0000	0.0002	0.0613	0.0000	0.0010	58.0450	58.1139
A136	80.00	0.0045	0.0000	0.0002	0.0515	0.0000	0.0010	58.0450	58.1021
A139	20.00	0.0565	0.0000	0.0001	0.0930	0.0000	0.0023	58.0450	58.1969
A139	30.00	0.0383	0.0000	0.0001	0.0923	0.0000	0.0020	58.0450	58.1777
A139	40.00	0.0241	0.0000	0.0001	0.0902	0.0000			

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

10th Highest Daily FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0094	0.0000	0.0001	0.0723	0.0000	0.0015	58.0450	58.1283
A139	70.00	0.0063	0.0000	0.0001	0.0628	0.0000	0.0014	58.0450	58.1155
A139	80.00	0.0045	0.0000	0.0001	0.0525	0.0000	0.0013	58.0450	58.1033
A142	20.00	0.0467	0.0000	0.0001	0.1023	0.0000	0.0023	58.0450	58.1964
A142	30.00	0.0337	0.0000	0.0001	0.1022	0.0000	0.0021	58.0450	58.1831
A142	40.00	0.0224	0.0000	0.0001	0.1001	0.0000	0.0018	58.0450	58.1694
A142	50.00	0.0141	0.0000	0.0001	0.0917	0.0000	0.0015	58.0450	58.1525
A142	60.00	0.0089	0.0000	0.0001	0.0810	0.0000	0.0014	58.0450	58.1365
A142	70.00	0.0059	0.0000	0.0001	0.0701	0.0000	0.0012	58.0450	58.1223
A142	80.00	0.0041	0.0000	0.0001	0.0580	0.0000	0.0012	58.0450	58.1084
A143	20.00	0.0491	0.0000	0.0000	0.1089	0.0000	0.0030	58.0450	58.2061
A143	30.00	0.0341	0.0000	0.0000	0.1083	0.0000	0.0027	58.0450	58.1902
A143	40.00	0.0218	0.0000	0.0000	0.1058	0.0000	0.0024	58.0450	58.1750
A143	50.00	0.0135	0.0000	0.0001	0.0966	0.0000	0.0020	58.0450	58.1572
A143	60.00	0.0085	0.0000	0.0001	0.0851	0.0000	0.0018	58.0450	58.1405
A143	70.00	0.0057	0.0000	0.0001	0.0730	0.0000	0.0017	58.0450	58.1254
A143	80.00	0.0041	0.0000	0.0001	0.0598	0.0000	0.0015	58.0450	58.1105
A146	20.00	0.0548	0.0000	0.0000	0.1136	0.0000	0.0050	58.0450	58.2184
A146	30.00	0.0352	0.0000	0.0000	0.1125	0.0000	0.0043	58.0450	58.1972
A146	40.00	0.0213	0.0000	0.0000	0.1098	0.0000	0.0036	58.0450	58.1798
A146	50.00	0.0128	0.0000	0.0000	0.0998	0.0000	0.0031	58.0450	58.1607
A146	60.00	0.0081	0.0000	0.0001	0.0871	0.0000	0.0028	58.0450	58.1431
A146	70.00	0.0056	0.0000	0.0001	0.0741	0.0000	0.0025	58.0450	58.1272
A146	80.00	0.0041	0.0000	0.0001	0.0605	0.0000	0.0022	58.0450	58.1119
A149	20.00	0.0514	0.0000	0.0000	0.1231	0.0007	0.0068	58.0450	58.2270
A149	30.00	0.0332	0.0000	0.0000	0.1221	0.0000	0.0055	58.0450	58.2058
A149	40.00	0.0200	0.0000	0.0000	0.1195	0.0000	0.0044	58.0450	58.1888
A149	50.00	0.0120	0.0000	0.0000	0.1085	0.0000	0.0036	58.0450	58.1691
A149	60.00	0.0077	0.0000	0.0000	0.0945	0.0000	0.0031	58.0450	58.1502
A149	70.00	0.0053	0.0000	0.0000	0.0798	0.0000	0.0027	58.0450	58.1328
A149	80.00	0.0040	0.0000	0.0001	0.0642	0.0000	0.0024	58.0450	58.1156

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

Annual FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.3146	0.0024	0.0234	0.0223	0.0023	0.0041	23.9546	24.3238
A1	5.00	0.2774	0.0024	0.0232	0.0213	0.0024	0.0029	23.9546	24.2843
A1	10.00	0.1968	0.0023	0.0228	0.0220	0.0029	0.0017	23.9546	24.2031
A2	1.50	0.5265	0.0414	0.0304	0.0412	0.0016	0.0066	22.9788	23.6266
A2	5.00	0.3995	0.0136	0.0301	0.0409	0.0023	0.0019	22.9788	23.4673
A2	10.00	0.2274	0.0013	0.0296	0.0411	0.0093	0.0010	22.9788	23.2886
A3	1.50	0.1425	0.0012	0.0199	0.1170	0.0026	0.0043	23.9546	24.2422
A3	5.00	0.1381	0.0012	0.0197	0.1102	0.0028	0.0023	23.9546	24.2289
A3	10.00	0.1248	0.0011	0.0194	0.1097	0.0034	0.0016	23.9546	24.2145
A4	1.50	0.0681	0.0009	0.0187	0.2594	0.0027	0.0026	23.9546	24.3070
A4	5.00	0.0672	0.0009	0.0185	0.2679	0.0029	0.0011	23.9546	24.3132
A4	10.00	0.0642	0.0008	0.0183	0.2837	0.0064	0.0007	23.9546	24.3289
A5	1.50	0.1719	0.0166	0.0290	0.0867	0.0043	0.0061	23.2615	23.5762
A5	5.00	0.1652	0.0112	0.0287	0.1293	0.0053	0.0023	23.2615	23.6034
A5	10.00	0.1456	0.0026	0.0282	0.2760	0.0126	0.0016	23.2615	23.7281
A6	1.50	0.1928	0.0031	0.0298	0.1951	0.0275	0.0057	23.2615	23.7156
A6	5.00	0.1854	0.0030	0.0295	0.1956	0.0397	0.0036	23.2615	23.7184
A6	10.00	0.1636	0.0024	0.0290	0.2137	0.0768	0.0015	23.2615	23.7486

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

Annual FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.1213	0.0226	0.0322	0.0230	0.0007	0.0001	22.9788	23.1788
A101	30.00	0.0622	0.0140	0.0297	0.0297	0.0003	0.0001	22.9788	23.1149
A101	40.00	0.0391	0.0094	0.0267	0.0376	0.0003	0.0001	22.9788	23.0919
A101	50.00	0.0275	0.0066	0.0239	0.0372	0.0002	0.0001	22.9788	23.0742
A101	60.00	0.0204	0.0048	0.0214	0.0303	0.0002	0.0000	22.9788	23.0560
A101	70.00	0.0156	0.0035	0.0195	0.0211	0.0002	0.0000	22.9788	23.0388
A101	80.00	0.0122	0.0027	0.0181	0.0150	0.0002	0.0000	22.9788	23.0270
A104	20.00	0.1094	0.0190	0.0318	0.0238	0.0007	0.0001	22.9788	23.1638
A104	30.00	0.0576	0.0128	0.0294	0.0313	0.0003	0.0001	22.9788	23.1103
A104	40.00	0.0378	0.0091	0.0265	0.0400	0.0003	0.0001	22.9788	23.0925
A104	50.00	0.0271	0.0067	0.0237	0.0393	0.0002	0.0001	22.9788	23.0759
A104	60.00	0.0203	0.0050	0.0212	0.0318	0.0002	0.0000	22.9788	23.0574
A104	70.00	0.0156	0.0039	0.0193	0.0219	0.0002	0.0000	22.9788	23.0398
A104	80.00	0.0123	0.0030	0.0179	0.0155	0.0002	0.0000	22.9788	23.0277
A107	20.00	0.1172	0.0170	0.0316	0.0249	0.0008	0.0001	22.9788	23.1705
A107	30.00	0.0597	0.0114	0.0292	0.0324	0.0003	0.0001	22.9788	23.1119
A107	40.00	0.0382	0.0081	0.0263	0.0413	0.0003	0.0001	22.9788	23.0930
A107	50.00	0.0272	0.0059	0.0235	0.0408	0.0002	0.0001	22.9788	23.0766
A107	60.00	0.0203	0.0045	0.0211	0.0330	0.0002	0.0000	22.9788	23.0579
A107	70.00	0.0156	0.0034	0.0192	0.0227	0.0002	0.0000	22.9788	23.0399
A107	80.00	0.0122	0.0027	0.0178	0.0161	0.0002	0.0000	22.9788	23.0277
A108	20.00	0.1183	0.0146	0.0315	0.0256	0.0008	0.0001	22.9788	23.1698
A108	30.00	0.0600	0.0100	0.0290	0.0332	0.0004	0.0001	22.9788	23.1115
A108	40.00	0.0382	0.0072	0.0262	0.0424	0.0003	0.0001	22.9788	23.0932
A108	50.00	0.0272	0.0054	0.0234	0.0420	0.0002	0.0001	22.9788	23.0771
A108	60.00	0.0203	0.0041	0.0210	0.0339	0.0002	0.0000	22.9788	23.0584
A108	70.00	0.0155	0.0032	0.0191	0.0232	0.0002	0.0000	22.9788	23.0401
A108	80.00	0.0121	0.0025	0.0177	0.0165	0.0002	0.0000	22.9788	23.0278
A113	20.00	0.1074	0.0070	0.0309	0.0276	0.0009	0.0001	22.9788	23.1528
A113	30.00	0.0567	0.0055	0.0286	0.0362	0.0004	0.0001	22.9788	23.1063
A113	40.00	0.0375	0.0044	0.0258	0.0468	0.0003	0.0001	22.9788	23.0937
A113	50.00	0.0270	0.0036	0.0230	0.0463	0.0002	0.0001	22.9788	23.0790
A113	60.00	0.0203	0.0030	0.0206	0.0370	0.0002	0.0001	22.9788	23.0599
A113	70.00	0.0155	0.0025	0.0188	0.0250	0.0002	0.0000	22.9788	23.0408
A113	80.00	0.0121	0.0021	0.0174	0.0176	0.0002	0.0000	22.9788	23.0282
A115	20.00	0.1071	0.0049	0.0307	0.0287	0.0009	0.0001	22.9788	23.1513
A115	30.00	0.0568	0.0040	0.0284	0.0376	0.0004	0.0001	22.9788	23.1060
A115	40.00	0.0376	0.0033	0.0256	0.0487	0.0003	0.0001	22.9788	23.0944
A115	50.00	0.0271	0.0028	0.0229	0.0482	0.0002	0.0001	22.9788	23.0801
A115	60.00	0.0203	0.0023	0.0205	0.0384	0.0002	0.0001	22.9788	23.0607
A115	70.00	0.0155	0.0020	0.0186	0.0259	0.0002	0.0000	22.9788	23.0411
A115	80.00	0.0121	0.0017	0.0172	0.0182	0.0002	0.0000	22.9788	23.0283
A118	20.00	0.1161	0.0032	0.0305	0.0305	0.0010	0.0001	22.9788	23.1603
A118	30.00	0.0596	0.0027	0.0281	0.0394	0.0004	0.0001	22.9788	23.1091
A118	40.00	0.0384	0.0023	0.0254	0.0507	0.0003	0.0001	22.9788	23.0959
A118	50.00	0.0273	0.0019	0.0227	0.0507	0.0003	0.0001	22.9788	23.0818
A118	60.00	0.0203	0.0017	0.0203	0.0405	0.0002	0.0001	22.9788	23.0619
A118	70.00	0.0155	0.0014	0.0184	0.0272	0.0002	0.0001	22.9788	23.0416
A118	80.00	0.0120	0.0013	0.0171	0.0191	0.0002	0.0000	22.9788	23.0285
A125	20.00	0.1320	0.0166	0.0450	0.0340	0.0010	0.0002	23.3336	23.5624
A125	30.00	0.0679	0.0100	0.0420	0.0827	0.0001	0.0001	23.3336	23.5364
A125	40.00	0.0413	0.0066	0.0385	0.1261	0.0001	0.0001	23.3336	23.5463
A125	50.00	0.0282	0.0046	0.0351	0.0617	0.0001	0.0001	23.3336	23.4634
A125	60.00	0.0207	0.0033	0.0322	0.0281	0.0001	0.0001	23.3336	23.4180
A125	70.00	0.0158	0.0025	0.0298	0.0194	0.0001	0.0001	23.3336	23.4012
A125	80.00	0.0124	0.0019	0.0280	0.0158	0.0001	0.0000	23.3336	23.3917
A128	20.00	0.1276	0.0204	0.0442	0.0353	0.0010	0.0001	23.3336	23.5624
A128	30.00	0.0653	0.0122	0.0413	0.0862	0.0001	0.0001	23.3336	23.5388
A128	40.00	0.0405	0.0079	0.0379	0.1324	0.0001	0.0001	23.3336	23.5525
A128	50.00	0.0282	0.0054	0.0345	0.0638	0.0001	0.0001	23.3336	23.4657
A128	60.00	0.0209	0.0038	0.0316	0.0290	0.0001	0.0001	23.3336	23.4190
A128	70.00	0.0160	0.0027	0.0292	0.0201	0.0001	0.0001	23.3336	23.4019
A128	80.00	0.0125	0.0020	0.0274	0.0164	0.0001	0.0001	23.3336	23.3921
A131	20.00	0.1208	0.0222	0.0328	0.0209	0.0007	0.0001	22.9788	23.1764
A131	30.00	0.0616	0.0138	0.0302	0.0272	0.0003	0.0001	22.9788	23.1121
A131	40.00	0.0388	0.0092	0.0273	0.0343	0.0002	0.0001	22.9788	23.0887
A131	50.00	0.0274	0.0064	0.0243	0.0337	0.0002	0.0001	22.9788	23.0710
A131	60.00	0.0204	0.0047	0.0218	0.0276	0.0002	0.0000	22.9788	23.0536
A131	70.00	0.0157	0.0034	0.0199	0.0194	0.0002	0.0000	22.9788	23.0375
A131	80.00	0.0123	0.0026	0.0185	0.0138	0.0002	0.0000	22.9788	23.0263
A135	20.00	0.1201	0.0233	0.0325	0.0220	0.0007	0.0001	22.9788	23.1775
A135	30.00	0.0613	0.0145	0.0299	0.0285	0.0003	0.0001	22.9788	23.1134
A135	40.00	0.0388	0.0097	0.0270	0.0360	0.0003	0.0001	22.9788	23.0906
A135	50.00	0.0274	0.0068	0.0241	0.0355	0.0002	0.0001	22.9788	23.0729
A135	60.00	0.0205	0.0049	0.0216	0.0290	0.0002	0.0000	22.9788	23.0550
A135	70.00	0.0157	0.0036	0.0197	0.0202	0.0002	0.0000	22.9788	23.0383
A135	80.00	0.0123	0.0027	0.0183	0.0144	0.0002	0.0000	22.9788	23.0267
A136	20.00	0.1141	0.0027	0.0303	0.0315	0.0010	0.0002	22.9788	23.1586
A136	30.00	0.0589	0.0022	0.0280	0.0407	0.0004	0.0001	22.9788	23.1092
A136	40.00	0.0383	0.0019	0.0253	0.0525	0.0003	0.0001	22.9788	23.0972
A136	50.00	0.0273	0.0017	0.0225	0.0525	0.0003	0.0001	22.9788	23.0833
A136	60.00	0.0203	0.0014	0.0202	0.0419	0.0002	0.0001	22.9788	23.0630
A136	70.00	0.0155	0.0013	0.0183	0.0280	0.0002	0.0001	22.9788	23.0421
A136	80.00	0.0120	0.0011	0.0170	0.0196	0.0002	0.0000	22.9788	23.0287
A139	20.00	0.1060	0.0021	0.0300	0.0331	0.0011	0.0002	22.9788	23.1512
A139	30.00	0.0567	0.0018	0.0277	0.0431	0.0004	0.0001	22.9788	23.1087
A139	40.00	0.0379	0.0015	0.0250	0.0561	0.0003	0.0001	22.9788	23.0998
A139	50.00	0.0273	0.0013	0.0224	0.0560	0.0003	0.0001	22.9788	23.0862

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

Annual FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0203	0.0012	0.0200	0.0443	0.0002	0.0001	22.9788	23.0650
A139	70.00	0.0155	0.0011	0.0182	0.0293	0.0002	0.0001	22.9788	23.0431
A139	80.00	0.0120	0.0009	0.0168	0.0205	0.0002	0.0001	22.9788	23.0293
A142	20.00	0.1181	0.0017	0.0298	0.0355	0.0012	0.0002	22.9788	23.1653
A142	30.00	0.0605	0.0014	0.0275	0.0455	0.0005	0.0001	22.9788	23.1143
A142	40.00	0.0388	0.0012	0.0249	0.0585	0.0003	0.0001	22.9788	23.1026
A142	50.00	0.0275	0.0011	0.0222	0.0590	0.0003	0.0001	22.9788	23.0890
A142	60.00	0.0203	0.0009	0.0199	0.0469	0.0003	0.0001	22.9788	23.0672
A142	70.00	0.0154	0.0008	0.0180	0.0310	0.0002	0.0001	22.9788	23.0444
A142	80.00	0.0118	0.0008	0.0166	0.0217	0.0002	0.0001	22.9788	23.0300
A143	20.00	0.1112	0.0014	0.0295	0.0380	0.0012	0.0002	22.9788	23.1603
A143	30.00	0.0584	0.0011	0.0273	0.0488	0.0005	0.0002	22.9788	23.1150
A143	40.00	0.0383	0.0010	0.0246	0.0634	0.0003	0.0001	22.9788	23.1066
A143	50.00	0.0273	0.0009	0.0220	0.0639	0.0003	0.0001	22.9788	23.0933
A143	60.00	0.0202	0.0008	0.0197	0.0504	0.0003	0.0001	22.9788	23.0703
A143	70.00	0.0153	0.0007	0.0178	0.0330	0.0003	0.0001	22.9788	23.0460
A143	80.00	0.0							

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

10th Highest Daily RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.7373	0.0000	0.0002	0.0145	0.0015	0.3125	78.9450	80.0109
A1	5.00	0.6229	0.0000	0.0001	0.0109	0.0018	0.2104	78.9450	79.7911
A1	10.00	0.3806	0.0000	0.0000	0.0140	0.0021	0.1692	78.9450	79.5110
A2	1.50	0.0825	0.0000	0.0000	0.0107	0.0000	0.0446	80.5892	80.7269
A2	5.00	0.6905	0.0000	0.0000	0.1316	0.0095	0.1502	77.3933	78.3751
A2	10.00	0.2626	0.0000	0.0000	0.1301	0.0315	0.0127	77.3933	77.8301
A3	1.50	0.3729	0.0001	0.0750	0.1678	0.0043	1.2443	78.0144	79.8787
A3	5.00	0.1976	0.0000	0.0205	0.6550	0.0007	0.2208	78.7373	79.8318
A3	10.00	0.1814	0.0000	0.0205	0.7738	0.0009	0.1395	78.7373	79.8533
A4	1.50	0.2006	0.0000	0.0613	0.4423	0.0048	1.0424	78.0144	79.7657
A4	5.00	0.0760	0.0000	0.0024	0.6525	0.0055	0.0581	78.6623	79.4569
A4	10.00	0.0730	0.0000	0.0024	0.6793	0.0052	0.0502	78.6623	79.4724
A5	1.50	0.3361	0.0000	0.0000	0.0000	0.0062	0.4535	77.6974	78.4932
A5	5.00	0.4250	0.0037	0.0174	0.0410	0.0048	0.3599	77.1296	77.9815
A5	10.00	0.3673	0.0036	0.0174	0.0629	0.0378	0.2933	77.1296	77.9120
A6	1.50	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	77.6974	77.6994
A6	5.00	0.0000	0.0000	0.0000	0.0021	0.0003	0.0000	77.6974	77.6998
A6	10.00	0.1056	0.0000	0.0158	0.0297	0.1734	0.0193	77.1296	77.4735

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

10th Highest Daily RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.0845	3.6459	0.0883	0.0028	0.0000	0.0002	75.1313	78.9530
A101	30.00	0.0409	0.2910	0.0003	0.0625	0.0000	0.0038	77.3933	77.7918
A101	40.00	0.0283	0.0788	0.0003	0.0616	0.0000	0.0034	77.3933	77.5656
A101	50.00	0.0187	0.0200	0.0004	0.0566	0.0000	0.0030	77.3933	77.4919
A101	60.00	0.0122	0.0047	0.0004	0.0508	0.0000	0.0026	77.3933	77.4639
A101	70.00	0.0081	0.0011	0.0004	0.0452	0.0000	0.0023	77.3933	77.4503
A101	80.00	0.0056	0.0002	0.0004	0.0391	0.0000	0.0021	77.3933	77.4407
A104	20.00	0.0816	3.4017	0.0870	0.0028	0.0000	0.0002	75.1313	78.7047
A104	30.00	0.0419	0.1029	0.0003	0.0636	0.0000	0.0051	77.3933	77.6070
A104	40.00	0.0272	0.0358	0.0003	0.0623	0.0000	0.0047	77.3933	77.5236
A104	50.00	0.0173	0.0127	0.0003	0.0570	0.0000	0.0043	77.3933	77.4848
A104	60.00	0.0112	0.0041	0.0003	0.0508	0.0000	0.0040	77.3933	77.4636
A104	70.00	0.0076	0.0012	0.0003	0.0450	0.0000	0.0037	77.3933	77.4511
A104	80.00	0.0055	0.0003	0.0003	0.0389	0.0000	0.0035	77.3933	77.4418
A107	20.00	0.0812	3.0392	0.0852	0.0032	0.0000	0.0004	75.1313	78.3405
A107	30.00	0.0415	0.0030	0.0003	0.0681	0.0000	0.0051	77.3933	77.5113
A107	40.00	0.0279	0.0010	0.0003	0.0667	0.0000	0.0047	77.3933	77.4938
A107	50.00	0.0180	0.0003	0.0003	0.0611	0.0000	0.0042	77.3933	77.4772
A107	60.00	0.0117	0.0001	0.0003	0.0545	0.0000	0.0038	77.3933	77.4636
A107	70.00	0.0078	0.0000	0.0003	0.0483	0.0000	0.0035	77.3933	77.4532
A107	80.00	0.0054	0.0000	0.0003	0.0416	0.0000	0.0032	77.3933	77.4438
A108	20.00	0.0824	2.4629	0.0842	0.0033	0.0000	0.0005	75.1313	77.7647
A108	30.00	0.0415	0.0001	0.0003	0.0704	0.0000	0.0055	77.3933	77.5110
A108	40.00	0.0279	0.0001	0.0003	0.0690	0.0000	0.0050	77.3933	77.4956
A108	50.00	0.0180	0.0001	0.0003	0.0632	0.0000	0.0045	77.3933	77.4794
A108	60.00	0.0117	0.0000	0.0003	0.0563	0.0000	0.0041	77.3933	77.4657
A108	70.00	0.0077	0.0000	0.0003	0.0499	0.0000	0.0037	77.3933	77.4549
A108	80.00	0.0054	0.0000	0.0003	0.0428	0.0000	0.0034	77.3933	77.4452
A113	20.00	0.0621	0.0000	0.0002	0.0758	0.0000	0.0086	77.3933	77.5401
A113	30.00	0.0423	0.0000	0.0002	0.0753	0.0000	0.0080	77.3933	77.5191
A113	40.00	0.0269	0.0000	0.0002	0.0736	0.0000	0.0074	77.3933	77.5014
A113	50.00	0.0169	0.0000	0.0002	0.0671	0.0000	0.0068	77.3933	77.4843
A113	60.00	0.0108	0.0000	0.0002	0.0594	0.0000	0.0063	77.3933	77.4700
A113	70.00	0.0073	0.0000	0.0002	0.0523	0.0000	0.0059	77.3933	77.4590
A113	80.00	0.0052	0.0000	0.0002	0.0445	0.0000	0.0056	77.3933	77.4488
A115	20.00	0.0624	0.0000	0.0002	0.0793	0.0000	0.0095	77.3933	77.5447
A115	30.00	0.0424	0.0000	0.0002	0.0787	0.0000	0.0088	77.3933	77.5234
A115	40.00	0.0269	0.0000	0.0002	0.0768	0.0000	0.0082	77.3933	77.5054
A115	50.00	0.0168	0.0000	0.0002	0.0700	0.0000	0.0075	77.3933	77.4879
A115	60.00	0.0107	0.0000	0.0002	0.0619	0.0000	0.0070	77.3933	77.4731
A115	70.00	0.0072	0.0000	0.0002	0.0543	0.0000	0.0065	77.3933	77.4615
A115	80.00	0.0051	0.0000	0.0002	0.0461	0.0000	0.0062	77.3933	77.4510
A118	20.00	0.0569	0.0000	0.0001	0.0862	0.0000	0.0100	77.3933	77.5465
A118	30.00	0.0408	0.0000	0.0001	0.0859	0.0000	0.0091	77.3933	77.5293
A118	40.00	0.0270	0.0000	0.0001	0.0840	0.0000	0.0083	77.3933	77.5127
A118	50.00	0.0171	0.0000	0.0002	0.0769	0.0000	0.0074	77.3933	77.4948
A118	60.00	0.0108	0.0000	0.0002	0.0682	0.0000	0.0068	77.3933	77.4792
A118	70.00	0.0071	0.0000	0.0002	0.0597	0.0000	0.0062	77.3933	77.4664
A118	80.00	0.0049	0.0000	0.0002	0.0503	0.0000	0.0058	77.3933	77.4546
A125	20.00	0.0766	1.0814	0.0003	0.1047	0.0000	0.0065	79.4108	80.6802
A125	30.00	0.0578	0.3475	0.0003	0.2602	0.0000	0.0054	79.4108	80.0820
A125	40.00	0.0105	0.6850	0.2292	0.0161	0.0000	0.0000	78.5914	79.5323
A125	50.00	0.0254	0.0000	0.0000	0.0060	0.0000	0.0020	79.4372	79.4706
A125	60.00	0.0186	0.0000	0.0000	0.0059	0.0000	0.0020	79.4372	79.4637
A125	70.00	0.0143	0.0000	0.0000	0.0059	0.0000	0.0020	79.4372	79.4593
A125	80.00	0.0113	0.0000	0.0000	0.0058	0.0000	0.0020	79.4372	79.4562
A128	20.00	0.0789	1.4327	0.0003	0.1072	0.0000	0.0076	79.4108	81.0375
A128	30.00	0.0586	0.4736	0.0003	0.2695	0.0000	0.0067	79.4108	80.2194
A128	40.00	0.0100	0.9280	0.2269	0.0170	0.0000	0.0000	78.5914	79.7734
A128	50.00	0.0244	0.0000	0.0000	0.0063	0.0000	0.0023	79.4372	79.4701
A128	60.00	0.0180	0.0000	0.0000	0.0062	0.0000	0.0022	79.4372	79.4636
A128	70.00	0.0139	0.0000	0.0000	0.0061	0.0000	0.0022	79.4372	79.4594
A128	80.00	0.0110	0.0000	0.0000	0.0060	0.0000	0.0022	79.4372	79.4564
A131	20.00	0.0571	1.5136	0.0005	0.0550	0.0000	0.0033	77.3933	79.0228
A131	30.00	0.0414	0.5129	0.0005	0.0552	0.0000	0.0030	77.3933	78.0063
A131	40.00	0.0280	0.1741	0.0005	0.0544	0.0000	0.0027	77.3933	77.6530
A131	50.00	0.0183	0.0562	0.0005	0.0499	0.0000	0.0025	77.3933	77.5207
A131	60.00	0.0120	0.0168	0.0005	0.0447	0.0000	0.0022	77.3933	77.4695
A131	70.00	0.0081	0.0047	0.0005	0.0400	0.0000	0.0020	77.3933	77.4486
A131	80.00	0.0057	0.0012	0.0005	0.0349	0.0000	0.0017	77.3933	77.4373
A135	20.00	0.0852	3.6558	0.0901	0.0026	0.0001	0.0001	75.1313	78.9650
A135	30.00	0.0412	0.4606	0.0004	0.0587	0.0000	0.0034	77.3933	77.9576
A135	40.00	0.0281	0.1482	0.0004	0.0578	0.0000	0.0031	77.3933	77.6309
A135	50.00	0.0184	0.0445	0.0004	0.0531	0.0000	0.0028	77.3933	77.5124
A135	60.00	0.0120	0.0120	0.0004	0.0476	0.0000	0.0025	77.3933	77.4678
A135	70.00	0.0081	0.0030	0.0004	0.0425	0.0000	0.0022	77.3933	77.4495
A135	80.00	0.0057	0.0007	0.0005	0.0369	0.0000	0.0020	77.3933	77.4389
A136	20.00	0.0574	0.0000	0.0001	0.0891	0.0000	0.0110	77.3933	77.5509
A136	30.00	0.0407	0.0000	0.0001	0.0887	0.0000	0.0102	77.3933	77.5330
A136	40.00	0.0267	0.0000	0.0001	0.0868	0.0000	0.0093	77.3933	77.5161
A136	50.00	0.0168	0.0000	0.0001	0.0793	0.0000	0.0083	77.3933	77.4978
A136	60.00	0.0106	0.0000	0.0001	0.0702	0.0000	0.0075	77.3933	77.4817
A136	70.00	0.0069	0.0000	0.0002	0.0613	0.0000	0.0070	77.3933	77.4687
A136	80.00	0.0048	0.0000	0.0002	0.0515	0.0000	0.0066	77.3933	77.4564
A139	20.00	0.0613	0.0000	0.0001	0.0930	0.0000	0.0141	77.3933	77.5618
A139	30.00	0.0415	0.0000	0.0001	0.0923	0.0000	0.0130	77.3933	77.5402
A139	40.00	0.0260	0.0000	0.0001	0.0902	0.0000			

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

10th Highest Daily RSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0100	0.0000	0.0001	0.0723	0.0000	0.0100	77.3933	77.4858
A139	70.00	0.0067	0.0000	0.0001	0.0628	0.0000	0.0093	77.3933	77.4722
A139	80.00	0.0048	0.0000	0.0001	0.0525	0.0000	0.0088	77.3933	77.4594
A142	20.00	0.0507	0.0000	0.0001	0.1023	0.0000	0.0145	77.3933	77.5609
A142	30.00	0.0365	0.0000	0.0001	0.1022	0.0000	0.0133	77.3933	77.5455
A142	40.00	0.0242	0.0000	0.0001	0.1001	0.0000	0.0118	77.3933	77.5295
A142	50.00	0.0152	0.0000	0.0001	0.0917	0.0000	0.0103	77.3933	77.5107
A142	60.00	0.0096	0.0000	0.0001	0.0810	0.0000	0.0091	77.3933	77.4932
A142	70.00	0.0063	0.0000	0.0001	0.0701	0.0000	0.0084	77.3933	77.4782
A142	80.00	0.0044	0.0000	0.0001	0.0580	0.0000	0.0078	77.3933	77.4636
A143	20.00	0.0533	0.0000	0.0000	0.1089	0.0000	0.0190	77.3933	77.5745
A143	30.00	0.0370	0.0000	0.0000	0.1083	0.0000	0.0172	77.3933	77.5558
A143	40.00	0.0236	0.0000	0.0000	0.1058	0.0000	0.0151	77.3933	77.5378
A143	50.00	0.0145	0.0000	0.0001	0.0966	0.0000	0.0134	77.3933	77.5179
A143	60.00	0.0091	0.0000	0.0001	0.0851	0.0000	0.0121	77.3933	77.4997
A143	70.00	0.0061	0.0000	0.0001	0.0730	0.0000	0.0111	77.3933	77.4835
A143	80.00	0.0043	0.0000	0.0001	0.0598	0.0000	0.0103	77.3933	77.4679
A146	20.00	0.0593	0.0000	0.0000	0.1136	0.0000	0.0318	77.3933	77.5982
A146	30.00	0.0382	0.0000	0.0000	0.1125	0.0000	0.0279	77.3933	77.5719
A146	40.00	0.0230	0.0000	0.0000	0.1098	0.0000	0.0241	77.3933	77.5502
A146	50.00	0.0138	0.0000	0.0000	0.0998	0.0000	0.0209	77.3933	77.5277
A146	60.00	0.0087	0.0000	0.0001	0.0871	0.0000	0.0183	77.3933	77.5075
A146	70.00	0.0060	0.0000	0.0001	0.0741	0.0000	0.0164	77.3933	77.4899
A146	80.00	0.0044	0.0000	0.0001	0.0605	0.0000	0.0147	77.3933	77.4730
A149	20.00	0.0557	0.0000	0.0000	0.1231	0.0007	0.0438	77.3933	77.6166
A149	30.00	0.0359	0.0000	0.0000	0.1221	0.0000	0.0359	77.3933	77.5872
A149	40.00	0.0215	0.0000	0.0000	0.1195	0.0000	0.0291	77.3933	77.5634
A149	50.00	0.0129	0.0000	0.0000	0.1085	0.0000	0.0241	77.3933	77.5388
A149	60.00	0.0082	0.0000	0.0000	0.0945	0.0000	0.0208	77.3933	77.5167
A149	70.00	0.0057	0.0000	0.0000	0.0798	0.0000	0.0183	77.3933	77.4971
A149	80.00	0.0042	0.0000	0.0001	0.0642	0.0000	0.0163	77.3933	77.4781

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

Annual RSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.3419	0.0130	0.0787	0.0223	0.0023	0.2420	33.7389	34.4392
A1	5.00	0.3016	0.0130	0.0777	0.0213	0.0024	0.1763	33.7389	34.3312
A1	10.00	0.2139	0.0127	0.0763	0.0220	0.0029	0.1022	33.7389	34.1690
A2	1.50	0.5723	0.1825	0.1035	0.0412	0.0016	0.3840	32.3645	33.6498
A2	5.00	0.4342	0.0676	0.1023	0.0409	0.0023	0.1153	32.3645	33.1271
A2	10.00	0.2470	0.0081	0.1004	0.0411	0.0093	0.0634	32.3645	32.8340
A3	1.50	0.1549	0.0061	0.0695	0.1170	0.0026	0.2661	33.7389	34.3551
A3	5.00	0.1500	0.0061	0.0688	0.1102	0.0028	0.1446	33.7389	34.2215
A3	10.00	0.1356	0.0057	0.0679	0.1097	0.0034	0.1029	33.7389	34.1640
A4	1.50	0.0740	0.0046	0.0663	0.2594	0.0027	0.1550	33.7389	34.3009
A4	5.00	0.0730	0.0046	0.0657	0.2679	0.0029	0.0676	33.7389	34.2207
A4	10.00	0.0698	0.0043	0.0648	0.2837	0.0064	0.0460	33.7389	34.2141
A5	1.50	0.1869	0.0638	0.0212	0.0867	0.0043	0.3711	32.7627	33.4967
A5	5.00	0.1795	0.0491	0.0210	0.1293	0.0053	0.1441	32.7627	33.2910
A5	10.00	0.1582	0.0132	0.0206	0.2760	0.0126	0.1033	32.7627	33.3465
A6	1.50	0.2098	0.0142	0.0226	0.1951	0.0275	0.3430	32.7627	33.5750
A6	5.00	0.2018	0.0143	0.0224	0.1956	0.0397	0.2230	32.7627	33.4594
A6	10.00	0.1780	0.0125	0.0220	0.2137	0.0768	0.0979	32.7627	33.3637

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

Annual RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.1319	0.1473	0.1071	0.0230	0.0007	0.0072	32.3645	32.7818
A101	30.00	0.0676	0.0912	0.0977	0.0297	0.0003	0.0053	32.3645	32.6565
A101	40.00	0.0425	0.0611	0.0870	0.0376	0.0003	0.0041	32.3645	32.5970
A101	50.00	0.0299	0.0429	0.0765	0.0372	0.0002	0.0035	32.3645	32.5547
A101	60.00	0.0222	0.0311	0.0673	0.0303	0.0002	0.0031	32.3645	32.5187
A101	70.00	0.0170	0.0230	0.0601	0.0211	0.0002	0.0027	32.3645	32.4885
A101	80.00	0.0133	0.0174	0.0547	0.0150	0.0002	0.0023	32.3645	32.4674
A104	20.00	0.1189	0.1236	0.1059	0.0238	0.0007	0.0069	32.3645	32.7444
A104	30.00	0.0626	0.0832	0.0967	0.0313	0.0003	0.0050	32.3645	32.6436
A104	40.00	0.0410	0.0591	0.0862	0.0400	0.0003	0.0039	32.3645	32.5951
A104	50.00	0.0295	0.0435	0.0758	0.0393	0.0002	0.0034	32.3645	32.5563
A104	60.00	0.0221	0.0328	0.0667	0.0318	0.0002	0.0030	32.3645	32.5211
A104	70.00	0.0170	0.0252	0.0596	0.0219	0.0002	0.0026	32.3645	32.4910
A104	80.00	0.0133	0.0196	0.0543	0.0155	0.0002	0.0023	32.3645	32.4697
A107	20.00	0.1274	0.1109	0.1052	0.0249	0.0008	0.0071	32.3645	32.7408
A107	30.00	0.0649	0.0743	0.0960	0.0324	0.0003	0.0051	32.3645	32.6375
A107	40.00	0.0415	0.0525	0.0855	0.0413	0.0003	0.0039	32.3645	32.5896
A107	50.00	0.0295	0.0386	0.0752	0.0408	0.0002	0.0035	32.3645	32.5524
A107	60.00	0.0220	0.0291	0.0662	0.0330	0.0002	0.0031	32.3645	32.5182
A107	70.00	0.0169	0.0224	0.0591	0.0227	0.0002	0.0027	32.3645	32.4885
A107	80.00	0.0132	0.0175	0.0538	0.0161	0.0002	0.0024	32.3645	32.4676
A108	20.00	0.1287	0.0951	0.1046	0.0256	0.0008	0.0073	32.3645	32.7266
A108	30.00	0.0652	0.0651	0.0956	0.0332	0.0004	0.0051	32.3645	32.6291
A108	40.00	0.0415	0.0469	0.0851	0.0424	0.0003	0.0040	32.3645	32.5848
A108	50.00	0.0295	0.0350	0.0748	0.0420	0.0002	0.0035	32.3645	32.5496
A108	60.00	0.0220	0.0268	0.0658	0.0339	0.0002	0.0031	32.3645	32.5164
A108	70.00	0.0169	0.0208	0.0588	0.0232	0.0002	0.0027	32.3645	32.4872
A108	80.00	0.0132	0.0165	0.0535	0.0165	0.0002	0.0024	32.3645	32.4667
A113	20.00	0.1167	0.0454	0.1030	0.0276	0.0009	0.0077	32.3645	32.6658
A113	30.00	0.0616	0.0358	0.0941	0.0362	0.0004	0.0053	32.3645	32.5979
A113	40.00	0.0408	0.0287	0.0838	0.0468	0.0003	0.0042	32.3645	32.5692
A113	50.00	0.0294	0.0234	0.0737	0.0463	0.0002	0.0037	32.3645	32.5413
A113	60.00	0.0220	0.0193	0.0649	0.0370	0.0002	0.0033	32.3645	32.5112
A113	70.00	0.0169	0.0160	0.0579	0.0250	0.0002	0.0029	32.3645	32.4834
A113	80.00	0.0131	0.0134	0.0527	0.0176	0.0002	0.0026	32.3645	32.4642
A115	20.00	0.1164	0.0317	0.1023	0.0287	0.0009	0.0081	32.3645	32.6526
A115	30.00	0.0617	0.0259	0.0935	0.0376	0.0004	0.0055	32.3645	32.5891
A115	40.00	0.0409	0.0215	0.0833	0.0487	0.0003	0.0045	32.3645	32.5638
A115	50.00	0.0295	0.0181	0.0733	0.0482	0.0002	0.0039	32.3645	32.5377
A115	60.00	0.0220	0.0153	0.0645	0.0384	0.0002	0.0035	32.3645	32.5085
A115	70.00	0.0168	0.0130	0.0575	0.0259	0.0002	0.0031	32.3645	32.4811
A115	80.00	0.0131	0.0112	0.0523	0.0182	0.0002	0.0027	32.3645	32.4622
A118	20.00	0.1263	0.0209	0.1016	0.0305	0.0010	0.0091	32.3645	32.6539
A118	30.00	0.0648	0.0174	0.0928	0.0394	0.0004	0.0061	32.3645	32.5854
A118	40.00	0.0417	0.0147	0.0827	0.0507	0.0003	0.0049	32.3645	32.5596
A118	50.00	0.0297	0.0126	0.0727	0.0507	0.0003	0.0043	32.3645	32.5348
A118	60.00	0.0221	0.0108	0.0640	0.0405	0.0002	0.0038	32.3645	32.5059
A118	70.00	0.0168	0.0094	0.0570	0.0272	0.0002	0.0033	32.3645	32.4784
A118	80.00	0.0130	0.0082	0.0518	0.0191	0.0002	0.0029	32.3645	32.4598
A125	20.00	0.1437	0.1079	0.1491	0.0340	0.0010	0.0136	32.8642	33.3136
A125	30.00	0.0739	0.0650	0.1377	0.0827	0.0001	0.0087	32.8642	33.2322
A125	40.00	0.0449	0.0428	0.1245	0.1261	0.0001	0.0063	32.8642	33.2089
A125	50.00	0.0307	0.0298	0.1116	0.0617	0.0001	0.0050	32.8642	33.1031
A125	60.00	0.0225	0.0216	0.1003	0.0281	0.0001	0.0042	32.8642	33.0410
A125	70.00	0.0171	0.0162	0.0912	0.0194	0.0001	0.0036	32.8642	33.0118
A125	80.00	0.0134	0.0124	0.0843	0.0158	0.0001	0.0032	32.8642	32.9933
A128	20.00	0.1389	0.1330	0.1466	0.0353	0.0010	0.0100	32.8642	33.3290
A128	30.00	0.0710	0.0795	0.1354	0.0862	0.0001	0.0073	32.8642	33.2437
A128	40.00	0.0440	0.0514	0.1225	0.1324	0.0001	0.0058	32.8642	33.2205
A128	50.00	0.0307	0.0350	0.1098	0.0638	0.0001	0.0049	32.8642	33.1085
A128	60.00	0.0227	0.0247	0.0987	0.0290	0.0001	0.0043	32.8642	33.0437
A128	70.00	0.0174	0.0179	0.0897	0.0201	0.0001	0.0038	32.8642	33.0133
A128	80.00	0.0136	0.0133	0.0828	0.0164	0.0001	0.0035	32.8642	32.9939
A131	20.00	0.1314	0.1441	0.1094	0.0209	0.0007	0.0086	32.3645	32.7797
A131	30.00	0.0670	0.0896	0.0999	0.0272	0.0003	0.0064	32.3645	32.6549
A131	40.00	0.0421	0.0599	0.0889	0.0343	0.0002	0.0047	32.3645	32.5948
A131	50.00	0.0297	0.0420	0.0781	0.0337	0.0002	0.0038	32.3645	32.5521
A131	60.00	0.0222	0.0304	0.0688	0.0276	0.0002	0.0032	32.3645	32.5169
A131	70.00	0.0171	0.0225	0.0615	0.0194	0.0002	0.0027	32.3645	32.4878
A131	80.00	0.0134	0.0170	0.0560	0.0138	0.0002	0.0023	32.3645	32.4672
A135	20.00	0.1306	0.1517	0.1082	0.0220	0.0007	0.0076	32.3645	32.7852
A135	30.00	0.0666	0.0943	0.0987	0.0285	0.0003	0.0056	32.3645	32.6586
A135	40.00	0.0421	0.0631	0.0879	0.0360	0.0003	0.0043	32.3645	32.5982
A135	50.00	0.0298	0.0442	0.0772	0.0355	0.0002	0.0036	32.3645	32.5551
A135	60.00	0.0222	0.0320	0.0680	0.0290	0.0002	0.0031	32.3645	32.5190
A135	70.00	0.0170	0.0237	0.0607	0.0202	0.0002	0.0027	32.3645	32.4890
A135	80.00	0.0133	0.0178	0.0553	0.0144	0.0002	0.0023	32.3645	32.4679
A136	20.00	0.1241	0.0174	0.1011	0.0315	0.0010	0.0095	32.3645	32.6491
A136	30.00	0.0640	0.0145	0.0924	0.0407	0.0004	0.0064	32.3645	32.5831
A136	40.00	0.0416	0.0125	0.0824	0.0525	0.0003	0.0052	32.3645	32.5590
A136	50.00	0.0297	0.0108	0.0724	0.0525	0.0003	0.0046	32.3645	32.5348
A136	60.00	0.0221	0.0094	0.0637	0.0419	0.0002	0.0040	32.3645	32.5058
A136	70.00	0.0168	0.0082	0.0567	0.0280	0.0002	0.0035	32.3645	32.4780
A136	80.00	0.0130	0.0072	0.0515	0.0196	0.0002	0.0031	32.3645	32.4592
A139	20.00	0.1152	0.0134	0.1002	0.0331	0.0011	0.0102	32.3645	32.6377
A139	30.00	0.0617	0.0114	0.0917	0.0431	0.0004	0.0069	32.3645	32.5797
A139	40.00	0.0411	0.0099	0.0817	0.0561	0.0003	0.0058	32.3645	32.5596
A139	50.00	0.0296	0.0087	0.0719	0.0560	0.0003	0.0050	32.3645	32.5361

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

Annual RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0221	0.0077	0.0632	0.0443	0.0002	0.0044	32.3645	32.5065
A139	70.00	0.0168	0.0069	0.0563	0.0293	0.0002	0.0038	32.3645	32.4779
A139	80.00	0.0130	0.0061	0.0511	0.0205	0.0002	0.0034	32.3645	32.4589
A142	20.00	0.1284	0.0110	0.0996	0.0355	0.0012	0.0121	32.3645	32.6523
A142	30.00	0.0658	0.0091	0.0911	0.0455	0.0005	0.0083	32.3645	32.5848
A142	40.00	0.0421	0.0079	0.0812	0.0585	0.0003	0.0069	32.3645	32.5615
A142	50.00	0.0298	0.0070	0.0714	0.0590	0.0003	0.0059	32.3645	32.5380
A142	60.00	0.0221	0.0062	0.0628	0.0469	0.0003	0.0050	32.3645	32.5078
A142	70.00	0.0167	0.0055	0.0559	0.0310	0.0002	0.0044	32.3645	32.4782
A142	80.00	0.0128	0.0049	0.0507	0.0217	0.0002	0.0038	32.3645	32.4587
A143	20.00	0.1209	0.0089	0.0986	0.0380	0.0012	0.0139	32.3645	32.6461
A143	30.00	0.0634	0.0074	0.0903	0.0488	0.0005	0.0098	32.3645	32.5847
A143	40.00	0.0416	0.0065	0.0806	0.0634	0.0003	0.0082	32.3645	32.5651
A143	50.00	0.0297	0.0058	0.0708	0.0639	0.0003	0.0069	32.3645	32.5420
A143	60.00	0.0220	0.0052	0.0623	0.0504	0.0003	0.0059	32.3645	32.5106
A143	70.00	0.0166	0.0047	0.0554	0.0330	0.0003	0.0051	32.3645	32.4795
A143	80.00	0.0128	0.0042						

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

Maximum Hourly TSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.2807	0.0000	0.0000	0.1620	0.0000	0.1060	197.7190	198.2677
A1	5.00	0.2408	0.0000	0.0000	0.1300	0.0000	0.1080	197.7190	198.1978
A1	10.00	0.1491	0.0000	0.0000	0.1010	0.0000	0.1240	197.7190	198.0931
A2	1.50	3.7632	292.5055	2.4990	0.0000	0.0000	0.0000	29.6550	328.4227
A2	5.00	0.4197	0.0000	0.0000	0.0000	0.0000	0.0240	192.6460	193.0897
A2	10.00	0.1785	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.8245
A3	1.50	0.0906	0.0000	0.0000	2.4840	0.0000	0.0210	197.7190	200.3146
A3	5.00	0.0889	0.0000	0.0000	2.5150	0.0000	0.0210	197.7190	200.3439
A3	10.00	0.0835	0.0000	0.0000	2.4660	0.0000	0.0130	197.7190	200.2815
A4	1.50	0.0000	0.0000	0.0000	1.8110	0.0000	0.0000	197.7190	199.5300
A4	5.00	0.0000	0.0000	0.0000	1.8410	0.0000	0.0000	197.7190	199.5600
A4	10.00	0.0000	0.0000	0.0000	1.7260	0.0000	0.0000	197.7190	199.4450
A5	1.50	2.2824	130.3753	0.0160	0.0000	0.0000	67.3780	22.5080	222.5597
A5	5.00	0.0516	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3686
A5	10.00	0.0462	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3632
A6	1.50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3170
A6	5.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3170
A6	10.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3170

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

Maximum Hourly TSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.0000	37.2092	0.0090	0.0240	0.0000	0.0000	155.5630	192.8052
A101	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A101	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A101	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A101	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A101	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A101	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A104	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A104	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A104	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A107	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A107	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A107	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A108	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A108	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A108	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A113	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A113	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A113	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A115	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A115	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A115	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A118	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A118	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A118	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A125	20.00	0.0000	56.7926	0.0030	0.0040	0.0000	0.0000	144.8870	201.6866
A125	30.00	0.0004	0.0000	0.0000	0.0020	0.0000	0.0000	194.6760	194.6784
A125	40.00	0.0004	0.0000	0.0000	0.0050	0.0000	0.0000	194.6760	194.6814
A125	50.00	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6763
A125	60.00	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6762
A125	70.00	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6762
A125	80.00	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6761
A128	20.00	0.0000	57.0411	0.0030	0.0040	0.0000	0.0000	144.8870	201.9350
A128	30.00	0.0007	0.0000	0.0000	0.0020	0.0000	0.0000	194.6760	194.6787
A128	40.00	0.0006	0.0000	0.0000	0.0050	0.0000	0.0000	194.6760	194.6816
A128	50.00	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6765
A128	60.00	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6764
A128	70.00	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6763
A128	80.00	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6762
A131	20.00	0.0000	47.1430	0.0100	0.0230	0.0000	0.0000	155.5630	202.7389
A131	30.00	0.0000	40.5915	0.0090	0.0220	0.0000	0.0000	155.5630	196.1855
A131	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A131	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	20.00	0.0000	47.0287	0.0090	0.0230	0.0000	0.0000	155.5630	202.6237
A135	30.00	0.0000	39.7519	0.0090	0.0230	0.0000	0.0000	155.5630	195.3469
A135	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A135	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A136	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A136	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A136	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000		

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 2) (Tier 1)

Maximum Hourly TSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A142	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A142	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A142	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A143	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A143	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A143	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A146	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A146	40.00	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	192.6460	192.6500
A146	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A149	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A149	40.00	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	192.6460	192.6500
A149	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

10th Highest Daily FSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.7167	0.2182	0.0120	0.2060	0.0030	0.0654	59.0530	60.2742
A1	5.00	0.5735	0.2197	0.0000	0.0109	0.0018	0.0375	59.2088	60.0522
A1	10.00	0.3509	0.1092	0.0000	0.0140	0.0021	0.0295	59.2088	59.7146
A2	1.50	0.0760	0.0011	0.0000	0.0107	0.0000	0.0082	60.4419	60.5380
A2	5.00	0.6353	0.3086	0.0000	0.1316	0.0095	0.0235	58.0450	59.1536
A2	10.00	0.2426	0.0985	0.0000	0.1301	0.0315	0.0019	58.0450	58.5496
A3	1.50	0.1880	0.0000	0.0080	0.4448	0.0008	0.0433	59.0530	59.9446
A3	5.00	0.1831	0.0000	0.0080	0.6550	0.0007	0.0354	59.0530	59.9352
A3	10.00	0.2989	0.0000	0.0000	0.4448	0.0139	0.0329	59.2088	59.9993
A4	1.50	0.0709	0.0000	0.0024	0.6604	0.0060	0.0213	58.9968	59.7577
A4	5.00	0.0700	0.0000	0.0024	0.6525	0.0055	0.0090	58.9968	59.7362
A4	10.00	0.0673	0.0000	0.0024	0.6793	0.0052	0.0076	58.9968	59.7586
A5	1.50	0.4102	0.0026	0.0241	0.0322	0.0050	0.2339	57.8472	58.5552
A5	5.00	0.3918	0.0025	0.0241	0.0410	0.0048	0.0566	57.8472	58.3680
A5	10.00	0.3387	0.0024	0.0241	0.0629	0.0378	0.0447	57.8472	58.3578
A6	1.50	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	58.2730	58.2751
A6	5.00	0.1100	0.0051	0.0216	0.0281	0.1774	0.0577	57.8472	58.2473
A6	10.00	0.0966	0.0042	0.0216	0.0297	0.1734	0.0035	57.8472	58.1763

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

10th Highest Daily FSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.0506	0.0984	0.0003	0.0624	0.0000	0.0007	58.0450	58.2574
A101	30.00	0.0378	0.0656	0.0003	0.0625	0.0000	0.0006	58.0450	58.2117
A101	40.00	0.0261	0.0436	0.0003	0.0616	0.0000	0.0005	58.0450	58.1771
A101	50.00	0.0173	0.0290	0.0004	0.0566	0.0000	0.0004	58.0450	58.1486
A101	60.00	0.0113	0.0193	0.0004	0.0508	0.0000	0.0004	58.0450	58.1271
A101	70.00	0.0075	0.0127	0.0004	0.0452	0.0000	0.0003	58.0450	58.1111
A101	80.00	0.0052	0.0083	0.0004	0.0391	0.0000	0.0003	58.0450	58.0983
A104	20.00	0.0555	0.2236	0.0003	0.0638	0.0000	0.0009	58.0450	58.3891
A104	30.00	0.0387	0.0949	0.0003	0.0636	0.0000	0.0008	58.0450	58.2433
A104	40.00	0.0252	0.0430	0.0003	0.0623	0.0000	0.0007	58.0450	58.1764
A104	50.00	0.0160	0.0213	0.0003	0.0570	0.0000	0.0006	58.0450	58.1402
A104	60.00	0.0104	0.0116	0.0003	0.0508	0.0000	0.0006	58.0450	58.1186
A104	70.00	0.0071	0.0068	0.0003	0.0450	0.0000	0.0005	58.0450	58.1047
A104	80.00	0.0051	0.0042	0.0003	0.0389	0.0000	0.0005	58.0450	58.0940
A107	20.00	0.0529	0.2500	0.0003	0.0681	0.0000	0.0009	58.0450	58.4171
A107	30.00	0.0383	0.0958	0.0003	0.0681	0.0000	0.0008	58.0450	58.2484
A107	40.00	0.0258	0.0410	0.0003	0.0667	0.0000	0.0007	58.0450	58.1795
A107	50.00	0.0167	0.0193	0.0003	0.0611	0.0000	0.0006	58.0450	58.1430
A107	60.00	0.0108	0.0099	0.0003	0.0545	0.0000	0.0005	58.0450	58.1210
A107	70.00	0.0072	0.0054	0.0003	0.0483	0.0000	0.0005	58.0450	58.1067
A107	80.00	0.0051	0.0031	0.0003	0.0416	0.0000	0.0005	58.0450	58.0955
A108	20.00	0.0526	0.2438	0.0003	0.0705	0.0000	0.0010	58.0450	58.4131
A108	30.00	0.0383	0.0910	0.0003	0.0704	0.0000	0.0009	58.0450	58.2458
A108	40.00	0.0258	0.0375	0.0003	0.0690	0.0000	0.0008	58.0450	58.1783
A108	50.00	0.0167	0.0167	0.0003	0.0632	0.0000	0.0006	58.0450	58.1425
A108	60.00	0.0108	0.0080	0.0003	0.0563	0.0000	0.0006	58.0450	58.1210
A108	70.00	0.0072	0.0041	0.0003	0.0499	0.0000	0.0005	58.0450	58.1070
A108	80.00	0.0050	0.0022	0.0003	0.0428	0.0000	0.0005	58.0450	58.0958
A113	20.00	0.0573	0.2635	0.0002	0.0758	0.0000	0.0014	58.0450	58.4432
A113	30.00	0.0391	0.0982	0.0002	0.0753	0.0000	0.0013	58.0450	58.2591
A113	40.00	0.0250	0.0382	0.0002	0.0736	0.0000	0.0011	58.0450	58.1830
A113	50.00	0.0157	0.0150	0.0002	0.0671	0.0000	0.0010	58.0450	58.1440
A113	60.00	0.0101	0.0059	0.0002	0.0594	0.0000	0.0009	58.0450	58.1214
A113	70.00	0.0068	0.0023	0.0002	0.0523	0.0000	0.0009	58.0450	58.1075
A113	80.00	0.0049	0.0010	0.0002	0.0445	0.0000	0.0008	58.0450	58.0963
A115	20.00	0.0575	0.2604	0.0002	0.0793	0.0000	0.0015	58.0450	58.4439
A115	30.00	0.0392	0.0963	0.0002	0.0787	0.0000	0.0014	58.0450	58.2607
A115	40.00	0.0250	0.0368	0.0002	0.0768	0.0000	0.0013	58.0450	58.1850
A115	50.00	0.0156	0.0140	0.0002	0.0700	0.0000	0.0011	58.0450	58.1460
A115	60.00	0.0100	0.0052	0.0002	0.0619	0.0000	0.0010	58.0450	58.1233
A115	70.00	0.0067	0.0019	0.0002	0.0543	0.0000	0.0010	58.0450	58.1091
A115	80.00	0.0048	0.0007	0.0002	0.0461	0.0000	0.0009	58.0450	58.0977
A118	20.00	0.0524	0.2136	0.0001	0.0862	0.0000	0.0016	58.0450	58.3990
A118	30.00	0.0377	0.0708	0.0001	0.0859	0.0000	0.0015	58.0450	58.2410
A118	40.00	0.0250	0.0238	0.0001	0.0840	0.0000	0.0013	58.0450	58.1792
A118	50.00	0.0159	0.0076	0.0002	0.0769	0.0000	0.0011	58.0450	58.1466
A118	60.00	0.0101	0.0023	0.0002	0.0682	0.0000	0.0010	58.0450	58.1266
A118	70.00	0.0066	0.0006	0.0002	0.0597	0.0000	0.0009	58.0450	58.1129
A118	80.00	0.0046	0.0002	0.0002	0.0503	0.0000	0.0009	58.0450	58.1011
A125	20.00	0.1321	0.0000	0.0000	0.0066	0.0000	0.0003	59.5779	59.7168
A125	30.00	0.0620	0.0000	0.0000	0.0062	0.0000	0.0003	59.5779	59.6464
A125	40.00	0.0354	0.0000	0.0000	0.0060	0.0000	0.0003	59.5779	59.6196
A125	50.00	0.0236	0.0000	0.0000	0.0060	0.0000	0.0003	59.5779	59.6078
A125	60.00	0.0173	0.0000	0.0000	0.0059	0.0000	0.0003	59.5779	59.6014
A125	70.00	0.0133	0.0000	0.0000	0.0059	0.0000	0.0003	59.5779	59.5973
A125	80.00	0.0105	0.0000	0.0000	0.0058	0.0000	0.0003	59.5779	59.5945
A128	20.00	0.1233	0.0000	0.0000	0.0070	0.0000	0.0003	59.5779	59.7085
A128	30.00	0.0571	0.0000	0.0000	0.0065	0.0000	0.0003	59.5779	59.6418
A128	40.00	0.0333	0.0000	0.0000	0.0063	0.0000	0.0003	59.5779	59.6178
A128	50.00	0.0227	0.0000	0.0000	0.0063	0.0000	0.0003	59.5779	59.6071
A128	60.00	0.0168	0.0000	0.0000	0.0062	0.0000	0.0003	59.5779	59.6012
A128	70.00	0.0130	0.0000	0.0000	0.0061	0.0000	0.0003	59.5779	59.5972
A128	80.00	0.0103	0.0000	0.0000	0.0060	0.0000	0.0003	59.5779	59.5945
A131	20.00	0.0526	0.0630	0.0005	0.0550	0.0000	0.0005	58.0450	58.2166
A131	30.00	0.0383	0.0550	0.0005	0.0552	0.0000	0.0004	58.0450	58.1943
A131	40.00	0.0259	0.0464	0.0005	0.0544	0.0000	0.0004	58.0450	58.1725
A131	50.00	0.0170	0.0376	0.0005	0.0499	0.0000	0.0003	58.0450	58.1502
A131	60.00	0.0111	0.0294	0.0005	0.0447	0.0000	0.0003	58.0450	58.1310
A131	70.00	0.0075	0.0223	0.0005	0.0400	0.0000	0.0003	58.0450	58.1156
A131	80.00	0.0053	0.0164	0.0005	0.0349	0.0000	0.0002	58.0450	58.1024
A135	20.00	0.0516	0.0610	0.0004	0.0585	0.0000	0.0006	58.0450	58.2171
A135	30.00	0.0380	0.0509	0.0004	0.0587	0.0000	0.0005	58.0450	58.1936
A135	40.00	0.0260	0.0409	0.0004	0.0578	0.0000	0.0005	58.0450	58.1706
A135	50.00	0.0171	0.0315	0.0004	0.0531	0.0000	0.0004	58.0450	58.1474
A135	60.00	0.0112	0.0234	0.0004	0.0476	0.0000	0.0003	58.0450	58.1279
A135	70.00	0.0075	0.0168	0.0004	0.0425	0.0000	0.0003	58.0450	58.1125
A135	80.00	0.0053	0.0118	0.0005	0.0369	0.0000	0.0003	58.0450	58.0996
A136	20.00	0.0529	0.1850	0.0001	0.0891	0.0000	0.0018	58.0450	58.3739
A136	30.00	0.0376	0.0579	0.0001	0.0887	0.0000	0.0016	58.0450	58.2309
A136	40.00	0.0247	0.0186	0.0001	0.0868	0.0000	0.0014	58.0450	58.1765
A136	50.00	0.0156	0.0058	0.0001	0.0793	0.0000	0.0013	58.0450	58.1470
A136	60.00	0.0098	0.0017	0.0001	0.0702	0.0000	0.0011	58.0450	58.1278
A136	70.00	0.0065	0.0004	0.0002	0.0613	0.0000	0.0010	58.0450	58.1144
A136	80.00	0.0045	0.0001	0.0002	0.0515	0.0000	0.0010	58.0450	58.1022
A139	20.00	0.0565	0.0777	0.0001	0.0930	0.0000	0.0023	58.0450	58.2746
A139	30.00	0.0383	0.0259	0.0001	0.0923	0.0000	0.0020	58.0450	58.2036
A139	40.00	0.0241	0.0098	0.0001	0.0902	0.0000			

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

10th Highest Daily FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0094	0.0011	0.0001	0.0723	0.0000	0.0015	58.0450	58.1294
A139	70.00	0.0063	0.0003	0.0001	0.0628	0.0000	0.0014	58.0450	58.1158
A139	80.00	0.0045	0.0001	0.0001	0.0525	0.0000	0.0013	58.0450	58.1034
A142	20.00	0.0467	0.0164	0.0001	0.1023	0.0000	0.0023	58.0450	58.2128
A142	30.00	0.0337	0.0075	0.0001	0.1022	0.0000	0.0021	58.0450	58.1906
A142	40.00	0.0224	0.0031	0.0001	0.1001	0.0000	0.0018	58.0450	58.1725
A142	50.00	0.0141	0.0010	0.0001	0.0917	0.0000	0.0015	58.0450	58.1534
A142	60.00	0.0089	0.0003	0.0001	0.0810	0.0000	0.0014	58.0450	58.1367
A142	70.00	0.0059	0.0001	0.0001	0.0701	0.0000	0.0012	58.0450	58.1223
A142	80.00	0.0041	0.0000	0.0001	0.0580	0.0000	0.0012	58.0450	58.1084
A143	20.00	0.0491	0.0160	0.0000	0.1089	0.0000	0.0030	58.0450	58.2221
A143	30.00	0.0341	0.0062	0.0000	0.1083	0.0000	0.0027	58.0450	58.1964
A143	40.00	0.0218	0.0020	0.0000	0.1058	0.0000	0.0024	58.0450	58.1771
A143	50.00	0.0135	0.0006	0.0001	0.0966	0.0000	0.0020	58.0450	58.1578
A143	60.00	0.0085	0.0001	0.0001	0.0851	0.0000	0.0018	58.0450	58.1406
A143	70.00	0.0057	0.0000	0.0001	0.0730	0.0000	0.0017	58.0450	58.1254
A143	80.00	0.0041	0.0000	0.0001	0.0598	0.0000	0.0015	58.0450	58.1105
A146	20.00	0.0548	0.0173	0.0000	0.1136	0.0000	0.0050	58.0450	58.2357
A146	30.00	0.0352	0.0047	0.0000	0.1125	0.0000	0.0043	58.0450	58.2019
A146	40.00	0.0213	0.0013	0.0000	0.1098	0.0000	0.0036	58.0450	58.1811
A146	50.00	0.0128	0.0003	0.0000	0.0998	0.0000	0.0031	58.0450	58.1610
A146	60.00	0.0081	0.0001	0.0001	0.0871	0.0000	0.0028	58.0450	58.1431
A146	70.00	0.0056	0.0000	0.0001	0.0741	0.0000	0.0025	58.0450	58.1272
A146	80.00	0.0041	0.0000	0.0001	0.0605	0.0000	0.0022	58.0450	58.1119
A149	20.00	0.0514	0.0118	0.0000	0.1231	0.0007	0.0068	58.0450	58.2388
A149	30.00	0.0332	0.0034	0.0000	0.1221	0.0000	0.0055	58.0450	58.2092
A149	40.00	0.0200	0.0008	0.0000	0.1195	0.0000	0.0044	58.0450	58.1896
A149	50.00	0.0120	0.0001	0.0000	0.1085	0.0000	0.0036	58.0450	58.1693
A149	60.00	0.0077	0.0000	0.0000	0.0945	0.0000	0.0031	58.0450	58.1502
A149	70.00	0.0053	0.0000	0.0000	0.0798	0.0000	0.0027	58.0450	58.1328
A149	80.00	0.0040	0.0000	0.0001	0.0642	0.0000	0.0024	58.0450	58.1156
A209	13.60	0.0224	0.0669	0.0003	0.0641	0.0001	0.0007	58.0450	58.1995
A209	20.00	0.0209	0.0609	0.0004	0.0664	0.0000	0.0008	58.0450	58.1943
A209	30.00	0.0178	0.0450	0.0004	0.0685	0.0000	0.0008	58.0450	58.1774
A209	40.00	0.0143	0.0274	0.0004	0.0689	0.0000	0.0008	58.0450	58.1566
A209	50.00	0.0109	0.0142	0.0004	0.0651	0.0000	0.0007	58.0450	58.1362
A209	60.00	0.0079	0.0067	0.0004	0.0600	0.0000	0.0005	58.0450	58.1205
A209	70.00	0.0055	0.0030	0.0004	0.0546	0.0000	0.0004	58.0450	58.1089
A209	80.00	0.0037	0.0014	0.0004	0.0481	0.0000	0.0003	58.0450	58.0988
A211	20.00	0.0353	0.1481	0.0003	0.0653	0.0000	0.0006	58.0450	58.2945
A211	30.00	0.0292	0.1044	0.0003	0.0666	0.0000	0.0005	58.0450	58.2461
A211	40.00	0.0226	0.0704	0.0003	0.0665	0.0000	0.0005	58.0450	58.2052
A211	50.00	0.0165	0.0468	0.0003	0.0622	0.0000	0.0004	58.0450	58.1711
A211	60.00	0.0115	0.0309	0.0004	0.0567	0.0000	0.0003	58.0450	58.1448
A211	70.00	0.0078	0.0202	0.0004	0.0512	0.0000	0.0002	58.0450	58.1247
A211	80.00	0.0053	0.0130	0.0004	0.0447	0.0000	0.0001	58.0450	58.1084
A212	20.00	0.0419	0.1719	0.0003	0.0677	0.0000	0.0007	58.0450	58.3274
A212	30.00	0.0334	0.0916	0.0003	0.0685	0.0000	0.0006	58.0450	58.2394
A212	40.00	0.0248	0.0528	0.0003	0.0678	0.0000	0.0005	58.0450	58.1913
A212	50.00	0.0174	0.0319	0.0003	0.0629	0.0000	0.0004	58.0450	58.1579
A212	60.00	0.0118	0.0194	0.0003	0.0569	0.0000	0.0003	58.0450	58.1336
A212	70.00	0.0078	0.0116	0.0003	0.0509	0.0000	0.0002	58.0450	58.1158
A212	80.00	0.0052	0.0068	0.0003	0.0442	0.0000	0.0001	58.0450	58.1016
A215	20.00	0.0231	0.1423	0.0003	0.0781	0.0000	0.0009	58.0450	58.2897
A215	30.00	0.0192	0.0741	0.0003	0.0800	0.0000	0.0010	58.0450	58.2195
A215	40.00	0.0150	0.0380	0.0003	0.0798	0.0000	0.0009	58.0450	58.1789
A215	50.00	0.0111	0.0189	0.0003	0.0749	0.0000	0.0007	58.0450	58.1509
A215	60.00	0.0078	0.0093	0.0003	0.0685	0.0000	0.0005	58.0450	58.1313
A215	70.00	0.0053	0.0044	0.0003	0.0615	0.0000	0.0004	58.0450	58.1169
A215	80.00	0.0036	0.0021	0.0003	0.0533	0.0000	0.0002	58.0450	58.1044
A219	13.60	0.0214	0.1754	0.0003	0.0716	0.0001	0.0008	58.0450	58.3145
A219	20.00	0.0198	0.1152	0.0003	0.0741	0.0000	0.0009	58.0450	58.2552
A219	30.00	0.0167	0.0575	0.0003	0.0760	0.0000	0.0009	58.0450	58.1964
A219	40.00	0.0132	0.0273	0.0003	0.0762	0.0000	0.0009	58.0450	58.1628
A219	50.00	0.0099	0.0124	0.0003	0.0717	0.0000	0.0008	58.0450	58.1399
A219	60.00	0.0070	0.0055	0.0003	0.0658	0.0000	0.0006	58.0450	58.1241
A219	70.00	0.0048	0.0024	0.0003	0.0594	0.0000	0.0004	58.0450	58.1123
A219	80.00	0.0033	0.0011	0.0003	0.0518	0.0000	0.0003	58.0450	58.1017
A501	20.00	0.1475	0.0020	0.0000	0.0108	0.0000	0.0004	59.5779	59.7385
A501	30.00	0.0856	0.0017	0.0000	0.0102	0.0000	0.0004	59.5779	59.6757
A501	40.00	0.0507	0.0015	0.0000	0.0100	0.0000	0.0004	59.5779	59.6404
A501	50.00	0.0330	0.0013	0.0000	0.0099	0.0000	0.0003	59.5779	59.6224
A501	60.00	0.0236	0.0011	0.0000	0.0098	0.0000	0.0003	59.5779	59.6127
A501	70.00	0.0179	0.0010	0.0000	0.0097	0.0000	0.0003	59.5779	59.6068
A501	80.00	0.0140	0.0008	0.0000	0.0096	0.0000	0.0003	59.5779	59.6027

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

Annual FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.3146	0.0758	0.0234	0.0223	0.0023	0.0041	23.9546	24.3972
A1	5.00	0.2774	0.0245	0.0232	0.0213	0.0024	0.0029	23.9546	24.3064
A1	10.00	0.1968	0.0168	0.0228	0.0220	0.0029	0.0017	23.9546	24.2175
A2	1.50	0.5265	0.1976	0.0304	0.0412	0.0016	0.0066	22.9788	23.7829
A2	5.00	0.3995	0.0364	0.0301	0.0409	0.0023	0.0019	22.9788	23.4900
A2	10.00	0.2274	0.0154	0.0296	0.0411	0.0093	0.0010	22.9788	23.3027
A3	1.50	0.1425	0.0030	0.0199	0.1170	0.0026	0.0043	23.9546	24.2441
A3	5.00	0.1381	0.0030	0.0197	0.1102	0.0028	0.0023	23.9546	24.2307
A3	10.00	0.1248	0.0028	0.0194	0.1097	0.0034	0.0016	23.9546	24.2163
A4	1.50	0.0681	0.0020	0.0187	0.2594	0.0027	0.0026	23.9546	24.3081
A4	5.00	0.0672	0.0020	0.0185	0.2679	0.0029	0.0011	23.9546	24.3143
A4	10.00	0.0642	0.0020	0.0183	0.2837	0.0064	0.0007	23.9546	24.3300
A5	1.50	0.1719	0.0343	0.0290	0.0867	0.0043	0.0061	23.2615	23.5939
A5	5.00	0.1652	0.0189	0.0287	0.1293	0.0053	0.0023	23.2615	23.6111
A5	10.00	0.1456	0.0039	0.0282	0.2760	0.0126	0.0016	23.2615	23.7294
A6	1.50	0.1928	0.0066	0.0298	0.1951	0.0275	0.0057	23.2615	23.7191
A6	5.00	0.1854	0.0064	0.0295	0.1956	0.0397	0.0036	23.2615	23.7217
A6	10.00	0.1636	0.0047	0.0290	0.2137	0.0768	0.0015	23.2615	23.7509

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

Annual FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.1213	0.0108	0.0322	0.0230	0.0007	0.0001	22.9788	23.1670
A101	30.00	0.0622	0.0072	0.0297	0.0297	0.0003	0.0001	22.9788	23.1081
A101	40.00	0.0391	0.0053	0.0267	0.0376	0.0003	0.0001	22.9788	23.0878
A101	50.00	0.0275	0.0040	0.0239	0.0372	0.0002	0.0001	22.9788	23.0716
A101	60.00	0.0204	0.0031	0.0214	0.0303	0.0002	0.0000	22.9788	23.0543
A101	70.00	0.0156	0.0025	0.0195	0.0211	0.0002	0.0000	22.9788	23.0377
A101	80.00	0.0122	0.0020	0.0181	0.0150	0.0002	0.0000	22.9788	23.0263
A104	20.00	0.1094	0.0129	0.0318	0.0238	0.0007	0.0001	22.9788	23.1577
A104	30.00	0.0576	0.0085	0.0294	0.0313	0.0003	0.0001	22.9788	23.1060
A104	40.00	0.0378	0.0061	0.0265	0.0400	0.0003	0.0001	22.9788	23.0896
A104	50.00	0.0271	0.0046	0.0237	0.0393	0.0002	0.0001	22.9788	23.0739
A104	60.00	0.0203	0.0036	0.0212	0.0318	0.0002	0.0000	22.9788	23.0560
A104	70.00	0.0156	0.0029	0.0193	0.0219	0.0002	0.0000	22.9788	23.0388
A104	80.00	0.0123	0.0023	0.0179	0.0155	0.0002	0.0000	22.9788	23.0270
A107	20.00	0.1172	0.0164	0.0316	0.0249	0.0008	0.0001	22.9788	23.1699
A107	30.00	0.0597	0.0103	0.0292	0.0324	0.0003	0.0001	22.9788	23.1109
A107	40.00	0.0382	0.0072	0.0263	0.0413	0.0003	0.0001	22.9788	23.0921
A107	50.00	0.0272	0.0053	0.0235	0.0408	0.0002	0.0001	22.9788	23.0759
A107	60.00	0.0203	0.0040	0.0211	0.0330	0.0002	0.0000	22.9788	23.0575
A107	70.00	0.0156	0.0031	0.0192	0.0227	0.0002	0.0000	22.9788	23.0395
A107	80.00	0.0122	0.0024	0.0178	0.0161	0.0002	0.0000	22.9788	23.0274
A108	20.00	0.1183	0.0190	0.0315	0.0256	0.0008	0.0001	22.9788	23.1741
A108	30.00	0.0600	0.0117	0.0290	0.0332	0.0004	0.0001	22.9788	23.1133
A108	40.00	0.0382	0.0080	0.0262	0.0424	0.0003	0.0001	22.9788	23.0940
A108	50.00	0.0272	0.0058	0.0234	0.0420	0.0002	0.0001	22.9788	23.0774
A108	60.00	0.0203	0.0043	0.0210	0.0339	0.0002	0.0000	22.9788	23.0585
A108	70.00	0.0155	0.0033	0.0191	0.0232	0.0002	0.0000	22.9788	23.0402
A108	80.00	0.0121	0.0025	0.0177	0.0165	0.0002	0.0000	22.9788	23.0278
A113	20.00	0.1074	0.0244	0.0309	0.0276	0.0009	0.0001	22.9788	23.1702
A113	30.00	0.0567	0.0154	0.0286	0.0362	0.0004	0.0001	22.9788	23.1161
A113	40.00	0.0375	0.0105	0.0258	0.0468	0.0003	0.0001	22.9788	23.0998
A113	50.00	0.0270	0.0075	0.0230	0.0463	0.0002	0.0001	22.9788	23.0830
A113	60.00	0.0203	0.0055	0.0206	0.0370	0.0002	0.0001	22.9788	23.0625
A113	70.00	0.0155	0.0041	0.0188	0.0250	0.0002	0.0000	22.9788	23.0425
A113	80.00	0.0121	0.0032	0.0174	0.0176	0.0002	0.0000	22.9788	23.0293
A115	20.00	0.1071	0.0259	0.0307	0.0287	0.0009	0.0001	22.9788	23.1723
A115	30.00	0.0568	0.0164	0.0284	0.0376	0.0004	0.0001	22.9788	23.1184
A115	40.00	0.0376	0.0112	0.0256	0.0487	0.0003	0.0001	22.9788	23.1023
A115	50.00	0.0271	0.0080	0.0229	0.0482	0.0002	0.0001	22.9788	23.0853
A115	60.00	0.0203	0.0059	0.0205	0.0384	0.0002	0.0001	22.9788	23.0642
A115	70.00	0.0155	0.0044	0.0186	0.0259	0.0002	0.0000	22.9788	23.0435
A115	80.00	0.0121	0.0033	0.0172	0.0182	0.0002	0.0000	22.9788	23.0299
A118	20.00	0.1161	0.0273	0.0305	0.0305	0.0010	0.0001	22.9788	23.1844
A118	30.00	0.0596	0.0168	0.0281	0.0394	0.0004	0.0001	22.9788	23.1232
A118	40.00	0.0384	0.0113	0.0254	0.0507	0.0003	0.0001	22.9788	23.1049
A118	50.00	0.0273	0.0079	0.0227	0.0507	0.0003	0.0001	22.9788	23.0877
A118	60.00	0.0203	0.0057	0.0203	0.0405	0.0002	0.0001	22.9788	23.0660
A118	70.00	0.0155	0.0042	0.0184	0.0272	0.0002	0.0001	22.9788	23.0444
A118	80.00	0.0120	0.0032	0.0171	0.0191	0.0002	0.0000	22.9788	23.0304
A125	20.00	0.1320	0.0025	0.0450	0.0340	0.0010	0.0002	23.3336	23.5483
A125	30.00	0.0679	0.0021	0.0420	0.0827	0.0001	0.0001	23.3336	23.5285
A125	40.00	0.0413	0.0019	0.0385	0.1261	0.0001	0.0001	23.3336	23.5416
A125	50.00	0.0282	0.0017	0.0351	0.0617	0.0001	0.0001	23.3336	23.4605
A125	60.00	0.0207	0.0015	0.0322	0.0281	0.0001	0.0001	23.3336	23.4162
A125	70.00	0.0158	0.0014	0.0298	0.0194	0.0001	0.0001	23.3336	23.4001
A125	80.00	0.0124	0.0013	0.0280	0.0158	0.0001	0.0000	23.3336	23.3911
A128	20.00	0.1276	0.0032	0.0442	0.0353	0.0010	0.0001	23.3336	23.5451
A128	30.00	0.0653	0.0027	0.0413	0.0862	0.0001	0.0001	23.3336	23.5293
A128	40.00	0.0405	0.0023	0.0379	0.1324	0.0001	0.0001	23.3336	23.5469
A128	50.00	0.0282	0.0021	0.0345	0.0638	0.0001	0.0001	23.3336	23.4624
A128	60.00	0.0209	0.0018	0.0316	0.0290	0.0001	0.0001	23.3336	23.4170
A128	70.00	0.0160	0.0016	0.0292	0.0201	0.0001	0.0001	23.3336	23.4007
A128	80.00	0.0125	0.0014	0.0274	0.0164	0.0001	0.0001	23.3336	23.3915
A131	20.00	0.1208	0.0064	0.0328	0.0209	0.0007	0.0001	22.9788	23.1606
A131	30.00	0.0616	0.0044	0.0302	0.0302	0.0003	0.0001	22.9788	23.1027
A131	40.00	0.0388	0.0034	0.0273	0.0343	0.0002	0.0001	22.9788	23.0829
A131	50.00	0.0274	0.0027	0.0243	0.0337	0.0002	0.0001	22.9788	23.0672
A131	60.00	0.0204	0.0022	0.0218	0.0276	0.0002	0.0000	22.9788	23.0511
A131	70.00	0.0157	0.0018	0.0199	0.0194	0.0002	0.0000	22.9788	23.0358
A131	80.00	0.0123	0.0015	0.0185	0.0138	0.0002	0.0000	22.9788	23.0252
A135	20.00	0.1201	0.0081	0.0325	0.0220	0.0007	0.0001	22.9788	23.1623
A135	30.00	0.0613	0.0056	0.0299	0.0285	0.0003	0.0001	22.9788	23.1045
A135	40.00	0.0388	0.0042	0.0270	0.0360	0.0003	0.0001	22.9788	23.0851
A135	50.00	0.0274	0.0033	0.0241	0.0355	0.0002	0.0001	22.9788	23.0694
A135	60.00	0.0205	0.0026	0.0216	0.0290	0.0002	0.0000	22.9788	23.0527
A135	70.00	0.0157	0.0021	0.0197	0.0202	0.0002	0.0000	22.9788	23.0368
A135	80.00	0.0123	0.0018	0.0183	0.0144	0.0002	0.0000	22.9788	23.0258
A136	20.00	0.1141	0.0264	0.0303	0.0315	0.0010	0.0002	22.9788	23.1823
A136	30.00	0.0589	0.0164	0.0280	0.0407	0.0004	0.0001	22.9788	23.1234
A136	40.00	0.0383	0.0111	0.0253	0.0525	0.0003	0.0001	22.9788	23.1063
A136	50.00	0.0273	0.0078	0.0225	0.0525	0.0003	0.0001	22.9788	23.0894
A136	60.00	0.0203	0.0057	0.0202	0.0419	0.0002	0.0001	22.9788	23.0672
A136	70.00	0.0155	0.0042	0.0183	0.0280	0.0002	0.0001	22.9788	23.0451
A136	80.00	0.0120	0.0032	0.0170	0.0196	0.0002	0.0000	22.9788	23.0309
A139	20.00	0.1060	0.0237	0.0300	0.0331	0.0011	0.0002	22.9788	23.1729
A139	30.00	0.0567	0.0153	0.0277	0.0431	0.0004	0.0001	22.9788	23.1222
A139	40.00	0.0379	0.0106	0.0250	0.0561	0.0003	0.0001	22.9788	23.1089
A139	50.00	0.0273	0.0076	0.0224	0.0560	0.0003	0.0001	22.9788	23.0925

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

Annual FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0203	0.0057	0.0200	0.0443	0.0002	0.0001	22.9788	23.0695
A139	70.00	0.0155	0.0043	0.0182	0.0293	0.0002	0.0001	22.9788	23.0464
A139	80.00	0.0120	0.0034	0.0168	0.0205	0.0002	0.0001	22.9788	23.0317
A142	20.00	0.1181	0.0223	0.0298	0.0355	0.0012	0.0002	22.9788	23.1859
A142	30.00	0.0605	0.0138	0.0275	0.0455	0.0005	0.0001	22.9788	23.1267
A142	40.00	0.0388	0.0092	0.0249	0.0585	0.0003	0.0001	22.9788	23.1106
A142	50.00	0.0275	0.0065	0.0222	0.0590	0.0003	0.0001	22.9788	23.0944
A142	60.00	0.0203	0.0048	0.0199	0.0469	0.0003	0.0001	22.9788	23.0710
A142	70.00	0.0154	0.0036	0.0180	0.0310	0.0002	0.0001	22.9788	23.0471
A142	80.00	0.0118	0.0028	0.0166	0.0217	0.0002	0.0001	22.9788	23.0321
A143	20.00	0.1112	0.0183	0.0295	0.0380	0.0012	0.0002	22.9788	23.1772
A143	30.00	0.0584	0.0113	0.0273	0.0488	0.0005	0.0002	22.9788	23.1252
A143	40.00	0.0383	0.0077	0.0246	0.0634	0.0003	0.0001	22.9788	23.1133
A143	50.00	0.0273	0.0056	0.0220	0.0639	0.0003	0.0001	22.9788	23.0980
A143	60.00	0.0202	0.0042	0.0197	0.0504	0.0003	0.0001	22.9788	23.0737
A143	70.00	0.0153	0.0033	0.0178	0.0330	0.0003	0.0001	22.9788	23.0486
A143	80.00	0.0118</							

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

10th Highest Daily RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.7373	3.3277	0.0002	0.0145	0.0015	0.3125	78.9450	83.3387
A1	5.00	0.7766	1.9772	0.1446	0.0241	0.0010	0.3277	78.0144	81.2656
A1	10.00	0.5339	1.3591	0.1389	0.0231	0.0011	0.1893	78.0144	80.2596
A2	1.50	1.1860	26.0762	0.3405	0.0066	0.0000	0.0285	62.8278	90.4656
A2	5.00	0.6905	1.9983	0.0000	0.1316	0.0095	0.1502	77.3933	80.3733
A2	10.00	0.2626	0.6428	0.0000	0.1301	0.0315	0.0127	77.3933	78.4729
A3	1.50	0.3729	0.0001	0.0750	0.1678	0.0043	1.2443	78.0144	79.8788
A3	5.00	0.1976	0.0000	0.0205	0.6550	0.0007	0.2208	78.7373	79.8318
A3	10.00	0.1814	0.0000	0.0205	0.7738	0.0009	0.1395	78.7373	79.8533
A4	1.50	0.2006	0.0000	0.0613	0.4423	0.0048	1.0424	78.0144	79.7657
A4	5.00	0.0760	0.0000	0.0024	0.6525	0.0055	0.0581	78.6623	79.4569
A4	10.00	0.0730	0.0000	0.0024	0.6793	0.0052	0.0502	78.6623	79.4724
A5	1.50	0.3361	0.0000	0.0000	0.0000	0.0062	0.4535	77.6974	78.4932
A5	5.00	0.4250	0.0162	0.0174	0.0410	0.0048	0.3599	77.1296	77.9940
A5	10.00	0.3673	0.0158	0.0174	0.0629	0.0378	0.2933	77.1296	77.9241
A6	1.50	0.1546	0.0814	0.0356	0.0245	0.0242	0.6785	76.7215	77.7203
A6	5.00	0.0000	0.0000	0.0000	0.0021	0.0003	0.0000	77.6974	77.6998
A6	10.00	0.1056	0.0254	0.0158	0.0297	0.1734	0.0193	77.1296	77.4990

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

10th Highest Daily RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.0549	0.6365	0.0003	0.0624	0.0000	0.0041	77.3933	78.1515
A101	30.00	0.0409	0.4243	0.0003	0.0625	0.0000	0.0038	77.3933	77.9251
A101	40.00	0.0283	0.2820	0.0003	0.0616	0.0000	0.0034	77.3933	77.7689
A101	50.00	0.0187	0.1878	0.0004	0.0566	0.0000	0.0030	77.3933	77.6597
A101	60.00	0.0122	0.1251	0.0004	0.0508	0.0000	0.0026	77.3933	77.5843
A101	70.00	0.0081	0.0827	0.0004	0.0452	0.0000	0.0023	77.3933	77.5320
A101	80.00	0.0056	0.0539	0.0004	0.0391	0.0000	0.0021	77.3933	77.4944
A104	20.00	0.0602	1.4547	0.0003	0.0638	0.0000	0.0055	77.3933	78.9777
A104	30.00	0.0419	0.6163	0.0003	0.0636	0.0000	0.0051	77.3933	78.1204
A104	40.00	0.0272	0.2784	0.0003	0.0623	0.0000	0.0047	77.3933	77.7662
A104	50.00	0.0173	0.1381	0.0003	0.0570	0.0000	0.0043	77.3933	77.6102
A104	60.00	0.0112	0.0752	0.0003	0.0508	0.0000	0.0040	77.3933	77.5348
A104	70.00	0.0076	0.0443	0.0003	0.0450	0.0000	0.0037	77.3933	77.4942
A104	80.00	0.0055	0.0273	0.0003	0.0389	0.0000	0.0035	77.3933	77.4687
A107	20.00	0.0573	1.6250	0.0003	0.0681	0.0000	0.0056	77.3933	79.1496
A107	30.00	0.0415	0.6215	0.0003	0.0681	0.0000	0.0051	77.3933	78.1299
A107	40.00	0.0279	0.2654	0.0003	0.0667	0.0000	0.0047	77.3933	77.7582
A107	50.00	0.0180	0.1247	0.0003	0.0611	0.0000	0.0042	77.3933	77.6017
A107	60.00	0.0117	0.0639	0.0003	0.0545	0.0000	0.0038	77.3933	77.5274
A107	70.00	0.0078	0.0349	0.0003	0.0483	0.0000	0.0035	77.3933	77.4881
A107	80.00	0.0054	0.0198	0.0003	0.0416	0.0000	0.0032	77.3933	77.4636
A108	20.00	0.0571	1.5849	0.0003	0.0705	0.0000	0.0060	77.3933	79.1120
A108	30.00	0.0415	0.5902	0.0003	0.0704	0.0000	0.0055	77.3933	78.1010
A108	40.00	0.0279	0.2422	0.0003	0.0690	0.0000	0.0050	77.3933	77.7377
A108	50.00	0.0180	0.1077	0.0003	0.0632	0.0000	0.0045	77.3933	77.5871
A108	60.00	0.0117	0.0516	0.0003	0.0563	0.0000	0.0041	77.3933	77.5173
A108	70.00	0.0077	0.0263	0.0003	0.0499	0.0000	0.0037	77.3933	77.4812
A108	80.00	0.0054	0.0140	0.0003	0.0428	0.0000	0.0034	77.3933	77.4592
A113	20.00	0.0621	1.7136	0.0002	0.0758	0.0000	0.0086	77.3933	79.2537
A113	30.00	0.0423	0.6377	0.0002	0.0753	0.0000	0.0080	77.3933	78.1568
A113	40.00	0.0269	0.2469	0.0002	0.0736	0.0000	0.0074	77.3933	77.7484
A113	50.00	0.0169	0.0966	0.0002	0.0671	0.0000	0.0068	77.3933	77.5809
A113	60.00	0.0108	0.0377	0.0002	0.0594	0.0000	0.0063	77.3933	77.5077
A113	70.00	0.0073	0.0150	0.0002	0.0523	0.0000	0.0059	77.3933	77.4740
A113	80.00	0.0052	0.0063	0.0002	0.0445	0.0000	0.0056	77.3933	77.4551
A115	20.00	0.0812	3.9661	0.0803	0.0038	0.0000	0.0013	75.1313	79.2640
A115	30.00	0.0424	0.6248	0.0002	0.0787	0.0000	0.0088	77.3933	78.1483
A115	40.00	0.0269	0.2383	0.0002	0.0768	0.0000	0.0082	77.3933	77.7436
A115	50.00	0.0168	0.0903	0.0002	0.0700	0.0000	0.0075	77.3933	77.5782
A115	60.00	0.0107	0.0333	0.0002	0.0619	0.0000	0.0070	77.3933	77.5064
A115	70.00	0.0072	0.0121	0.0002	0.0543	0.0000	0.0065	77.3933	77.4736
A115	80.00	0.0051	0.0045	0.0002	0.0461	0.0000	0.0062	77.3933	77.4555
A118	20.00	0.0831	4.0796	0.0780	0.0045	0.0000	0.0024	75.1313	79.3788
A118	30.00	0.0408	0.4576	0.0001	0.0859	0.0000	0.0091	77.3933	77.9869
A118	40.00	0.0270	0.1528	0.0001	0.0840	0.0000	0.0083	77.3933	77.6655
A118	50.00	0.0171	0.0484	0.0002	0.0769	0.0000	0.0074	77.3933	77.5432
A118	60.00	0.0108	0.0142	0.0002	0.0682	0.0000	0.0068	77.3933	77.4934
A118	70.00	0.0071	0.0039	0.0002	0.0597	0.0000	0.0062	77.3933	77.4703
A118	80.00	0.0049	0.0010	0.0002	0.0503	0.0000	0.0058	77.3933	77.4556
A125	20.00	0.1435	0.0001	0.0000	0.0066	0.0000	0.0021	79.4372	79.5895
A125	30.00	0.0672	0.0001	0.0000	0.0062	0.0000	0.0020	79.4372	79.5127
A125	40.00	0.0382	0.0001	0.0000	0.0060	0.0000	0.0020	79.4372	79.4836
A125	50.00	0.0254	0.0001	0.0000	0.0060	0.0000	0.0020	79.4372	79.4707
A125	60.00	0.0186	0.0001	0.0000	0.0059	0.0000	0.0020	79.4372	79.4637
A125	70.00	0.0143	0.0001	0.0000	0.0059	0.0000	0.0020	79.4372	79.4594
A125	80.00	0.0113	0.0001	0.0000	0.0058	0.0000	0.0020	79.4372	79.4563
A128	20.00	0.1339	0.0001	0.0000	0.0070	0.0000	0.0023	79.4372	79.5805
A128	30.00	0.0619	0.0001	0.0000	0.0065	0.0000	0.0023	79.4372	79.5079
A128	40.00	0.0359	0.0001	0.0000	0.0063	0.0000	0.0023	79.4372	79.4818
A128	50.00	0.0244	0.0001	0.0000	0.0063	0.0000	0.0023	79.4372	79.4702
A128	60.00	0.0180	0.0001	0.0000	0.0062	0.0000	0.0022	79.4372	79.4637
A128	70.00	0.0139	0.0001	0.0000	0.0061	0.0000	0.0022	79.4372	79.4595
A128	80.00	0.0110	0.0001	0.0000	0.0060	0.0000	0.0022	79.4372	79.4565
A131	20.00	0.0571	0.4060	0.0005	0.0550	0.0000	0.0033	77.3933	77.9152
A131	30.00	0.0414	0.3556	0.0005	0.0552	0.0000	0.0030	77.3933	77.8490
A131	40.00	0.0280	0.3004	0.0005	0.0544	0.0000	0.0027	77.3933	77.7793
A131	50.00	0.0183	0.2438	0.0005	0.0499	0.0000	0.0025	77.3933	77.7083
A131	60.00	0.0120	0.1910	0.0005	0.0447	0.0000	0.0022	77.3933	77.6437
A131	70.00	0.0081	0.1450	0.0005	0.0400	0.0000	0.0020	77.3933	77.5889
A131	80.00	0.0057	0.1072	0.0005	0.0349	0.0000	0.0017	77.3933	77.5433
A135	20.00	0.0560	0.3929	0.0004	0.0585	0.0000	0.0037	77.3933	77.9048
A135	30.00	0.0412	0.3292	0.0004	0.0587	0.0000	0.0034	77.3933	77.8261
A135	40.00	0.0281	0.2650	0.0004	0.0578	0.0000	0.0031	77.3933	77.7477
A135	50.00	0.0184	0.2047	0.0004	0.0531	0.0000	0.0028	77.3933	77.6727
A135	60.00	0.0120	0.1522	0.0004	0.0476	0.0000	0.0025	77.3933	77.6080
A135	70.00	0.0081	0.1095	0.0004	0.0425	0.0000	0.0022	77.3933	77.5559
A135	80.00	0.0057	0.0767	0.0005	0.0369	0.0000	0.0020	77.3933	77.5150
A136	20.00	0.0830	3.9374	0.0769	0.0047	0.0000	0.0030	75.1313	79.2362
A136	30.00	0.0407	0.3729	0.0001	0.0887	0.0000	0.0102	77.3933	77.9060
A136	40.00	0.0267	0.1188	0.0001	0.0868	0.0000	0.0093	77.3933	77.6348
A136	50.00	0.0168	0.0364	0.0001	0.0793	0.0000	0.0083	77.3933	77.5343
A136	60.00	0.0106	0.0104	0.0001	0.0702	0.0000	0.0075	77.3933	77.4921
A136	70.00	0.0069	0.0027	0.0002	0.0613	0.0000	0.0070	77.3933	77.4714
A136	80.00	0.0048	0.0007	0.0002	0.0515	0.0000	0.0066	77.3933	77.4571
A139	20.00	0.0824	3.6023	0.0756	0.0050	0.0000	0.0038	75.1313	78.9005
A139	30.00	0.0415	0.1655	0.0001	0.0923	0.0000	0.0130	77.3933	77.7057
A139	40.00	0.0260	0.0624	0.0001	0.0902	0.0000	0.0119	77.3933	77.5839
A139	50.00	0.0160	0.0221	0.0					

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

10th Highest Daily RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0100	0.0069	0.0001	0.0723	0.0000	0.0100	77.3933	77.4927
A139	70.00	0.0067	0.0020	0.0001	0.0628	0.0000	0.0093	77.3933	77.4742
A139	80.00	0.0048	0.0005	0.0001	0.0525	0.0000	0.0088	77.3933	77.4599
A142	20.00	0.0847	2.9981	0.0733	0.0060	0.0000	0.0059	75.1313	78.2993
A142	30.00	0.0365	0.0441	0.0001	0.1022	0.0000	0.0133	77.3933	77.5895
A142	40.00	0.0242	0.0178	0.0001	0.1001	0.0000	0.0118	77.3933	77.5472
A142	50.00	0.0152	0.0058	0.0001	0.0917	0.0000	0.0103	77.3933	77.5164
A142	60.00	0.0096	0.0015	0.0001	0.0810	0.0000	0.0091	77.3933	77.4947
A142	70.00	0.0063	0.0003	0.0001	0.0701	0.0000	0.0084	77.3933	77.4785
A142	80.00	0.0044	0.0000	0.0001	0.0580	0.0000	0.0078	77.3933	77.4636
A143	20.00	0.0533	0.0951	0.0000	0.1089	0.0000	0.0190	77.3933	77.6696
A143	30.00	0.0370	0.0362	0.0000	0.1083	0.0000	0.0172	77.3933	77.5920
A143	40.00	0.0236	0.0119	0.0000	0.1058	0.0000	0.0151	77.3933	77.5497
A143	50.00	0.0145	0.0032	0.0001	0.0966	0.0000	0.0134	77.3933	77.5211
A143	60.00	0.0091	0.0007	0.0001	0.0851	0.0000	0.0121	77.3933	77.5004
A143	70.00	0.0061	0.0001	0.0001	0.0730	0.0000	0.0111	77.3933	77.4836
A143	80.00	0.0043	0.0000	0.0001	0.0598	0.0000	0.0103	77.3933	77.4679
A146	20.00	0.0593	0.1054	0.0000	0.1136	0.0000	0.0318	77.3933	77.7036
A146	30.00	0.0382	0.0282	0.0000	0.1125	0.0000	0.0279	77.3933	77.6002
A146	40.00	0.0230	0.0078	0.0000	0.1098	0.0000	0.0241	77.3933	77.5580
A146	50.00	0.0138	0.0019	0.0000	0.0998	0.0000	0.0209	77.3933	77.5296
A146	60.00	0.0087	0.0004	0.0001	0.0871	0.0000	0.0183	77.3933	77.5079
A146	70.00	0.0060	0.0001	0.0001	0.0741	0.0000	0.0164	77.3933	77.4900
A146	80.00	0.0044	0.0000	0.0001	0.0605	0.0000	0.0147	77.3933	77.4730
A149	20.00	0.0557	0.0699	0.0000	0.1231	0.0007	0.0438	77.3933	77.6865
A149	30.00	0.0359	0.0203	0.0000	0.1221	0.0000	0.0359	77.3933	77.6075
A149	40.00	0.0215	0.0049	0.0000	0.1195	0.0000	0.0291	77.3933	77.5683
A149	50.00	0.0129	0.0009	0.0000	0.1085	0.0000	0.0241	77.3933	77.5397
A149	60.00	0.0082	0.0001	0.0000	0.0945	0.0000	0.0208	77.3933	77.5169
A149	70.00	0.0057	0.0000	0.0000	0.0798	0.0000	0.0183	77.3933	77.4971
A149	80.00	0.0042	0.0000	0.0001	0.0642	0.0000	0.0163	77.3933	77.4781
A209	13.60	0.0244	0.3891	0.0003	0.0641	0.0001	0.0038	77.3933	77.8751
A209	20.00	0.0228	0.3578	0.0004	0.0664	0.0000	0.0041	77.3933	77.8448
A209	30.00	0.0194	0.2666	0.0004	0.0685	0.0000	0.0043	77.3933	77.7525
A209	40.00	0.0156	0.1627	0.0004	0.0689	0.0000	0.0043	77.3933	77.6451
A209	50.00	0.0118	0.0848	0.0004	0.0651	0.0000	0.0039	77.3933	77.5592
A209	60.00	0.0085	0.0402	0.0004	0.0600	0.0000	0.0032	77.3933	77.5057
A209	70.00	0.0060	0.0183	0.0004	0.0546	0.0000	0.0025	77.3933	77.4751
A209	80.00	0.0040	0.0084	0.0004	0.0481	0.0000	0.0017	77.3933	77.4559
A211	20.00	0.0384	0.9446	0.0003	0.0653	0.0000	0.0034	77.3933	78.4453
A211	30.00	0.0317	0.6689	0.0003	0.0666	0.0000	0.0033	77.3933	78.1641
A211	40.00	0.0245	0.4522	0.0003	0.0665	0.0000	0.0029	77.3933	77.9397
A211	50.00	0.0179	0.3014	0.0003	0.0622	0.0000	0.0025	77.3933	77.7775
A211	60.00	0.0125	0.1995	0.0004	0.0567	0.0000	0.0019	77.3933	77.6642
A211	70.00	0.0084	0.1306	0.0004	0.0512	0.0000	0.0013	77.3933	77.5852
A211	80.00	0.0057	0.0843	0.0004	0.0447	0.0000	0.0009	77.3933	77.5292
A212	20.00	0.0455	1.1096	0.0003	0.0677	0.0000	0.0038	77.3933	78.6202
A212	30.00	0.0363	0.5910	0.0003	0.0685	0.0000	0.0035	77.3933	78.0929
A212	40.00	0.0269	0.3409	0.0003	0.0678	0.0000	0.0030	77.3933	77.8323
A212	50.00	0.0188	0.2061	0.0003	0.0629	0.0000	0.0025	77.3933	77.6839
A212	60.00	0.0127	0.1252	0.0003	0.0569	0.0000	0.0020	77.3933	77.5904
A212	70.00	0.0084	0.0749	0.0003	0.0509	0.0000	0.0015	77.3933	77.5293
A212	80.00	0.0056	0.0439	0.0003	0.0442	0.0000	0.0012	77.3933	77.4885
A215	20.00	0.0251	0.8891	0.0003	0.0781	0.0000	0.0051	77.3933	78.3910
A215	30.00	0.0209	0.4649	0.0003	0.0800	0.0000	0.0053	77.3933	77.9647
A215	40.00	0.0163	0.2397	0.0003	0.0798	0.0000	0.0050	77.3933	77.7344
A215	50.00	0.0120	0.1201	0.0003	0.0749	0.0000	0.0043	77.3933	77.6049
A215	60.00	0.0084	0.0588	0.0003	0.0685	0.0000	0.0033	77.3933	77.5326
A215	70.00	0.0057	0.0282	0.0003	0.0615	0.0000	0.0023	77.3933	77.4913
A215	80.00	0.0038	0.0132	0.0003	0.0533	0.0000	0.0013	77.3933	77.4653
A219	13.60	0.0232	1.0778	0.0003	0.0716	0.0001	0.0044	77.3933	78.5707
A219	20.00	0.0216	0.7052	0.0003	0.0741	0.0000	0.0048	77.3933	78.1992
A219	30.00	0.0181	0.3513	0.0003	0.0760	0.0000	0.0051	77.3933	77.8442
A219	40.00	0.0143	0.1673	0.0003	0.0762	0.0000	0.0050	77.3933	77.6564
A219	50.00	0.0107	0.0761	0.0003	0.0717	0.0000	0.0044	77.3933	77.5565
A219	60.00	0.0076	0.0339	0.0003	0.0658	0.0000	0.0035	77.3933	77.5044
A219	70.00	0.0052	0.0153	0.0003	0.0594	0.0000	0.0025	77.3933	77.4760
A219	80.00	0.0035	0.0071	0.0003	0.0518	0.0000	0.0017	77.3933	77.4576
A501	20.00	0.1603	0.0127	0.0000	0.0108	0.0000	0.0028	79.4372	79.6238
A501	30.00	0.0928	0.0110	0.0000	0.0102	0.0000	0.0028	79.4372	79.5539
A501	40.00	0.0548	0.0096	0.0000	0.0100	0.0000	0.0026	79.4372	79.5142
A501	50.00	0.0356	0.0084	0.0000	0.0099	0.0000	0.0026	79.4372	79.4937
A501	60.00	0.0254	0.0073	0.0000	0.0098	0.0000	0.0025	79.4372	79.4822
A501	70.00	0.0192	0.0063	0.0000	0.0097	0.0000	0.0024	79.4372	79.4748
A501	80.00	0.0151	0.0054	0.0000	0.0096	0.0000	0.0024	79.4372	79.4697

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

Annual RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.3419	0.4247	0.0787	0.0223	0.0023	0.2420	33.7389	34.8509
A1	5.00	0.3016	0.1453	0.0777	0.0213	0.0024	0.1763	33.7389	34.4635
A1	10.00	0.2139	0.0997	0.0763	0.0220	0.0029	0.1022	33.7389	34.2559
A2	1.50	0.5723	1.1151	0.1035	0.0412	0.0016	0.3840	32.3645	34.5824
A2	5.00	0.4342	0.2238	0.1023	0.0409	0.0023	0.1153	32.3645	33.2833
A2	10.00	0.2470	0.0996	0.1004	0.0411	0.0093	0.0634	32.3645	32.9255
A3	1.50	0.1549	0.0161	0.0695	0.1170	0.0026	0.2661	33.7389	34.3652
A3	5.00	0.1500	0.0161	0.0688	0.1102	0.0028	0.1446	33.7389	34.2314
A3	10.00	0.1356	0.0155	0.0679	0.1097	0.0034	0.1029	33.7389	34.1738
A4	1.50	0.0740	0.0106	0.0663	0.2594	0.0027	0.1550	33.7389	34.3069
A4	5.00	0.0730	0.0106	0.0657	0.2679	0.0029	0.0676	33.7389	34.2267
A4	10.00	0.0698	0.0106	0.0648	0.2837	0.0064	0.0460	33.7389	34.2204
A5	1.50	0.1869	0.1458	0.0212	0.0867	0.0043	0.3711	32.7627	33.5788
A5	5.00	0.1795	0.0905	0.0210	0.1293	0.0053	0.1441	32.7627	33.3323
A5	10.00	0.1582	0.0215	0.0206	0.2760	0.0126	0.1033	32.7627	33.3548
A6	1.50	0.2098	0.0309	0.0226	0.1951	0.0275	0.3430	32.7627	33.5916
A6	5.00	0.2018	0.0310	0.0224	0.1956	0.0397	0.2230	32.7627	33.4761
A6	10.00	0.1780	0.0249	0.0220	0.2137	0.0768	0.0979	32.7627	33.3761

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

Annual RSP Concentration (µg/m ³)									
ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.1319	0.0681	0.1071	0.0230	0.0007	0.0072	32.3645	32.7026
A101	30.00	0.0676	0.0456	0.0977	0.0297	0.0003	0.0053	32.3645	32.6109
A101	40.00	0.0425	0.0334	0.0870	0.0376	0.0003	0.0041	32.3645	32.5693
A101	50.00	0.0299	0.0255	0.0765	0.0372	0.0002	0.0035	32.3645	32.5372
A101	60.00	0.0222	0.0199	0.0673	0.0303	0.0002	0.0031	32.3645	32.5075
A101	70.00	0.0170	0.0159	0.0601	0.0211	0.0002	0.0027	32.3645	32.4815
A101	80.00	0.0133	0.0130	0.0547	0.0150	0.0002	0.0023	32.3645	32.4630
A104	20.00	0.1189	0.0825	0.1059	0.0238	0.0007	0.0069	32.3645	32.7033
A104	30.00	0.0626	0.0544	0.0967	0.0313	0.0003	0.0050	32.3645	32.6149
A104	40.00	0.0410	0.0394	0.0862	0.0400	0.0003	0.0039	32.3645	32.5753
A104	50.00	0.0295	0.0298	0.0758	0.0393	0.0002	0.0034	32.3645	32.5425
A104	60.00	0.0221	0.0232	0.0667	0.0318	0.0002	0.0030	32.3645	32.5115
A104	70.00	0.0170	0.0184	0.0596	0.0219	0.0002	0.0026	32.3645	32.4842
A104	80.00	0.0133	0.0149	0.0543	0.0155	0.0002	0.0023	32.3645	32.4650
A107	20.00	0.1274	0.1051	0.1052	0.0249	0.0008	0.0071	32.3645	32.7351
A107	30.00	0.0649	0.0663	0.0960	0.0324	0.0003	0.0051	32.3645	32.6295
A107	40.00	0.0415	0.0462	0.0855	0.0413	0.0003	0.0039	32.3645	32.5833
A107	50.00	0.0295	0.0339	0.0752	0.0408	0.0002	0.0035	32.3645	32.5476
A107	60.00	0.0220	0.0256	0.0662	0.0330	0.0002	0.0031	32.3645	32.5146
A107	70.00	0.0169	0.0198	0.0591	0.0227	0.0002	0.0027	32.3645	32.4859
A107	80.00	0.0132	0.0156	0.0538	0.0161	0.0002	0.0024	32.3645	32.4658
A108	20.00	0.1287	0.1218	0.1046	0.0256	0.0008	0.0073	32.3645	32.7533
A108	30.00	0.0652	0.0753	0.0956	0.0332	0.0004	0.0051	32.3645	32.6394
A108	40.00	0.0415	0.0516	0.0851	0.0424	0.0003	0.0040	32.3645	32.5894
A108	50.00	0.0295	0.0371	0.0748	0.0420	0.0002	0.0035	32.3645	32.5517
A108	60.00	0.0220	0.0276	0.0658	0.0339	0.0002	0.0031	32.3645	32.5173
A108	70.00	0.0169	0.0211	0.0588	0.0232	0.0002	0.0027	32.3645	32.4874
A108	80.00	0.0132	0.0164	0.0535	0.0165	0.0002	0.0024	32.3645	32.4666
A113	20.00	0.1167	0.1575	0.1030	0.0276	0.0009	0.0077	32.3645	32.7779
A113	30.00	0.0616	0.0993	0.0941	0.0362	0.0004	0.0053	32.3645	32.6614
A113	40.00	0.0408	0.0680	0.0838	0.0468	0.0003	0.0042	32.3645	32.6086
A113	50.00	0.0294	0.0486	0.0737	0.0463	0.0002	0.0037	32.3645	32.5665
A113	60.00	0.0220	0.0357	0.0649	0.0370	0.0002	0.0033	32.3645	32.5277
A113	70.00	0.0169	0.0269	0.0579	0.0250	0.0002	0.0029	32.3645	32.4943
A113	80.00	0.0131	0.0206	0.0527	0.0176	0.0002	0.0026	32.3645	32.4713
A115	20.00	0.1164	0.1671	0.1023	0.0287	0.0009	0.0081	32.3645	32.7880
A115	30.00	0.0617	0.1058	0.0935	0.0376	0.0004	0.0055	32.3645	32.6690
A115	40.00	0.0409	0.0726	0.0833	0.0487	0.0003	0.0045	32.3645	32.6148
A115	50.00	0.0295	0.0518	0.0733	0.0482	0.0002	0.0039	32.3645	32.5714
A115	60.00	0.0220	0.0380	0.0645	0.0384	0.0002	0.0035	32.3645	32.5312
A115	70.00	0.0168	0.0285	0.0575	0.0259	0.0002	0.0031	32.3645	32.4965
A115	80.00	0.0131	0.0218	0.0523	0.0182	0.0002	0.0027	32.3645	32.4728
A118	20.00	0.1263	0.1762	0.1016	0.0305	0.0010	0.0091	32.3645	32.8091
A118	30.00	0.0648	0.1084	0.0928	0.0394	0.0004	0.0061	32.3645	32.6765
A118	40.00	0.0417	0.0728	0.0827	0.0507	0.0003	0.0049	32.3645	32.6177
A118	50.00	0.0297	0.0511	0.0727	0.0507	0.0003	0.0043	32.3645	32.5733
A118	60.00	0.0221	0.0370	0.0640	0.0405	0.0002	0.0038	32.3645	32.5321
A118	70.00	0.0168	0.0275	0.0570	0.0272	0.0002	0.0033	32.3645	32.4965
A118	80.00	0.0130	0.0208	0.0518	0.0191	0.0002	0.0029	32.3645	32.4724
A125	20.00	0.1437	0.0158	0.1491	0.0340	0.0010	0.0136	32.8642	33.2215
A125	30.00	0.0739	0.0135	0.1377	0.0827	0.0001	0.0087	32.8642	33.1807
A125	40.00	0.0449	0.0121	0.1245	0.1261	0.0001	0.0063	32.8642	33.1782
A125	50.00	0.0307	0.0109	0.1116	0.0617	0.0001	0.0050	32.8642	33.0842
A125	60.00	0.0225	0.0099	0.1003	0.0281	0.0001	0.0042	32.8642	33.0293
A125	70.00	0.0171	0.0090	0.0912	0.0194	0.0001	0.0036	32.8642	33.0046
A125	80.00	0.0134	0.0082	0.0843	0.0158	0.0001	0.0032	32.8642	32.9891
A128	20.00	0.1389	0.0207	0.1466	0.0353	0.0010	0.0100	32.8642	33.2167
A128	30.00	0.0710	0.0174	0.1354	0.0862	0.0001	0.0073	32.8642	33.1817
A128	40.00	0.0440	0.0152	0.1225	0.1324	0.0001	0.0058	32.8642	33.1843
A128	50.00	0.0307	0.0134	0.1098	0.0638	0.0001	0.0049	32.8642	33.0869
A128	60.00	0.0227	0.0118	0.0987	0.0290	0.0001	0.0043	32.8642	33.0308
A128	70.00	0.0174	0.0105	0.0897	0.0201	0.0001	0.0038	32.8642	33.0059
A128	80.00	0.0136	0.0094	0.0828	0.0164	0.0001	0.0035	32.8642	32.9900
A131	20.00	0.1314	0.0390	0.1094	0.0209	0.0007	0.0086	32.3645	32.6746
A131	30.00	0.0670	0.0271	0.0999	0.0272	0.0003	0.0064	32.3645	32.5924
A131	40.00	0.0421	0.0210	0.0889	0.0343	0.0002	0.0047	32.3645	32.5559
A131	50.00	0.0297	0.0169	0.0781	0.0337	0.0002	0.0038	32.3645	32.5270
A131	60.00	0.0222	0.0137	0.0688	0.0276	0.0002	0.0032	32.3645	32.5002
A131	70.00	0.0171	0.0114	0.0615	0.0194	0.0002	0.0027	32.3645	32.4767
A131	80.00	0.0134	0.0096	0.0560	0.0138	0.0002	0.0023	32.3645	32.4599
A135	20.00	0.1306	0.0504	0.1082	0.0220	0.0007	0.0076	32.3645	32.6839
A135	30.00	0.0666	0.0350	0.0987	0.0285	0.0003	0.0056	32.3645	32.5993
A135	40.00	0.0421	0.0266	0.0879	0.0360	0.0003	0.0043	32.3645	32.5617
A135	50.00	0.0298	0.0209	0.0772	0.0355	0.0002	0.0036	32.3645	32.5318
A135	60.00	0.0222	0.0168	0.0680	0.0290	0.0002	0.0031	32.3645	32.5038
A135	70.00	0.0170	0.0137	0.0607	0.0202	0.0002	0.0027	32.3645	32.4791
A135	80.00	0.0133	0.0114	0.0553	0.0144	0.0002	0.0023	32.3645	32.4615
A136	20.00	0.1241	0.1700	0.1011	0.0315	0.0010	0.0095	32.3645	32.8018
A136	30.00	0.0640	0.1057	0.0924	0.0407	0.0004	0.0064	32.3645	32.6743
A136	40.00	0.0416	0.0716	0.0824	0.0525	0.0003	0.0052	32.3645	32.6181
A136	50.00	0.0297	0.0505	0.0724	0.0525	0.0003	0.0046	32.3645	32.5746
A136	60.00	0.0221	0.0369	0.0637	0.0419	0.0002	0.0040	32.3645	32.5333
A136	70.00	0.0168	0.0276	0.0567	0.0280	0.0002	0.0035	32.3645	32.4973
A136	80.00	0.0130	0.0210	0.0515	0.0196	0.0002	0.0031	32.3645	32.4730
A139	20.00	0.1152	0.1524	0.1002	0.0331	0.0011	0.0102	32.3645	32.7767
A139	30.00	0.0617	0.0986	0.0917	0.0431	0.0004	0.0069	32.3645	32.6669
A139	40.00	0.0411	0.0685	0.0817	0.0561	0.0003	0.0058	32.3645	32.6182
A139	50.00	0.0296	0.0495	0.0719	0.0560	0.0003	0.0050	32.3645	32.5768

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

Annual RSP Concentration (µg/m ³)									
ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0221	0.0369	0.0632	0.0443	0.0002	0.0044	32.3645	32.5357
A139	70.00	0.0168	0.0281	0.0563	0.0293	0.0002	0.0038	32.3645	32.4992
A139	80.00	0.0130	0.0219	0.0511	0.0205	0.0002	0.0034	32.3645	32.4746
A142	20.00	0.1284	0.1431	0.0996	0.0355	0.0012	0.0121	32.3645	32.7844
A142	30.00	0.0658	0.0884	0.0911	0.0455	0.0005	0.0083	32.3645	32.6640
A142	40.00	0.0421	0.0592	0.0812	0.0585	0.0003	0.0069	32.3645	32.6128
A142	50.00	0.0298	0.0419	0.0714	0.0590	0.0003	0.0059	32.3645	32.5729
A142	60.00	0.0221	0.0309	0.0628	0.0469	0.0003	0.0050	32.3645	32.5325
A142	70.00	0.0167	0.0235	0.0559	0.0310	0.0002	0.0044	32.3645	32.4962
A142	80.00	0.0128	0.0182	0.0507	0.0217	0.0002	0.0038	32.3645	32.4720
A143	20.00	0.1209	0.1163	0.0986	0.0380	0.0012	0.0139	32.3645	32.7535
A143	30.00	0.0634	0.0726	0.0903	0.0488	0.0005	0.0098	32.3645	32.6499
A143	40.00	0.0416	0.0495	0.0806	0.0634	0.0003	0.0082	32.3645	32.6081
A143	50.00	0.0297	0.0361	0.0708	0.0639	0.0003	0.0069	32.3645	32.5723
A143	60.00	0.0220	0.0274	0.0623	0.0504	0.0003	0.0059	32.3645	32.5328
A143	70.00	0.0166	0.0215	0.0554	0.0330	0.0003	0.0051	32.3645	32.4963
A143	80.00	0.0128	0.0171	0.0502	0.0230				

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

Maximum Hourly TSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	1.4060	315.5041	4.3910	0.0000	0.0000	0.0000	76.3830	397.6841
A1	5.00	0.2408	0.1444	0.0000	0.1300	0.0000	0.1080	197.7190	198.3422
A1	10.00	0.1491	0.1328	0.0000	0.1010	0.0000	0.1240	197.7190	198.2259
A2	1.50	2.5954	584.2118	21.0250	0.0000	0.0000	0.0000	41.2300	649.0622
A2	5.00	0.4197	0.0106	0.0000	0.0000	0.0000	0.0240	192.6460	193.1003
A2	10.00	0.1785	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.8245
A3	1.50	0.0906	0.0000	0.0000	2.4840	0.0000	0.0210	197.7190	200.3146
A3	5.00	0.0889	0.0000	0.0000	2.5150	0.0000	0.0210	197.7190	200.3439
A3	10.00	0.0835	0.0000	0.0000	2.4660	0.0000	0.0130	197.7190	200.2815
A4	1.50	0.0000	0.0000	0.0000	1.8110	0.0000	0.0000	197.7190	199.5300
A4	5.00	0.0000	0.0000	0.0000	1.8410	0.0000	0.0000	197.7190	199.5600
A4	10.00	0.0000	0.0000	0.0000	1.7260	0.0000	0.0000	197.7190	199.4450
A5	1.50	2.2824	277.2885	0.0160	0.0000	0.0000	67.3780	22.5080	369.4729
A5	5.00	0.0516	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3686
A5	10.00	0.0462	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3632
A6	1.50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3170
A6	5.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3170
A6	10.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3170

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

Maximum Hourly TSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.0459	47.6947	0.0030	0.0920	0.0000	0.0000	154.9210	202.7566
A101	30.00	0.0449	44.6375	0.0030	0.0920	0.0000	0.0000	154.9210	199.6984
A101	40.00	0.0436	42.1057	0.0030	0.0910	0.0000	0.0000	154.9210	197.1643
A101	50.00	0.0420	39.0277	0.0030	0.0910	0.0000	0.0000	154.9210	194.0847
A101	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A101	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A101	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	20.00	0.0000	40.2591	0.0090	0.0250	0.0000	0.0000	155.5630	195.8561
A104	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A104	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A104	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	20.00	0.0000	48.6606	0.0090	0.0250	0.0000	0.0000	155.5630	204.2575
A107	30.00	0.0000	41.3040	0.0090	0.0250	0.0000	0.0000	155.5630	196.9010
A107	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A107	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	20.00	0.0000	49.0993	0.0090	0.0260	0.0000	0.0000	155.5630	204.6973
A108	30.00	0.0000	41.4162	0.0090	0.0250	0.0000	0.0000	155.5630	197.0132
A108	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A108	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	20.00	0.0000	45.3427	0.0090	0.0270	0.0000	0.0000	155.5630	200.9417
A113	30.00	0.0000	39.8963	0.0090	0.0270	0.0000	0.0000	155.5630	195.4952
A113	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A113	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	20.00	0.0000	45.2317	0.0090	0.0280	0.0000	0.0000	155.5630	200.8316
A115	30.00	0.0000	39.6715	0.0090	0.0270	0.0000	0.0000	155.5630	195.2705
A115	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A115	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	20.00	0.0000	45.0901	0.0090	0.0280	0.0000	0.0000	155.5630	200.6901
A118	30.00	0.0000	37.1475	0.0090	0.0280	0.0000	0.0000	155.5630	192.7475
A118	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A118	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A125	20.00	0.0005	0.0000	0.0000	0.0010	0.0000	0.0000	194.6760	194.6775
A125	30.00	0.0004	0.0000	0.0000	0.0020	0.0000	0.0000	194.6760	194.6784
A125	40.00	0.0004	0.0000	0.0000	0.0050	0.0000	0.0000	194.6760	194.6814
A125	50.00	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6763
A125	60.00	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6762
A125	70.00	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6762
A125	80.00	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6761
A128	20.00	0.0008	0.0000	0.0000	0.0010	0.0000	0.0000	194.6760	194.6778
A128	30.00	0.0007	0.0000	0.0000	0.0020	0.0000	0.0000	194.6760	194.6787
A128	40.00	0.0006	0.0000	0.0000	0.0050	0.0000	0.0000	194.6760	194.6816
A128	50.00	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6765
A128	60.00	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6764
A128	70.00	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6763
A128	80.00	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6762
A131	20.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A131	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A131	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A135	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A135	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A135	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A136	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A136	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A136	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	20.00	0.0000	0.0000	0.0000	0.0010	0.0000			

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 3) (Tier 1)

Maximum Hourly TSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A142	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A142	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A142	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A143	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A143	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A143	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A146	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A146	40.00	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	192.6460	192.6500
A146	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A149	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A149	40.00	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	192.6460	192.6500
A149	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A209	13.60	0.4653	198.5500	0.0020	0.3320	0.0580	3.9490	5.2010	208.5574
A209	20.00	0.1225	26.8548	0.0010	0.4180	0.0230	0.1960	170.6630	198.2783
A209	30.00	0.1181	22.7060	0.0010	0.3930	0.0240	0.1690	170.6630	194.0741
A209	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A209	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A209	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A209	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A209	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A211	20.00	0.2154	40.9569	0.0010	0.5780	0.0210	0.4350	170.6630	212.8703
A211	30.00	0.2072	33.8580	0.0010	0.5610	0.0210	0.4300	170.6630	205.7412
A211	40.00	0.1962	22.3307	0.0010	0.5370	0.0210	0.4190	170.6630	194.1679
A211	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A211	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A211	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A211	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A212	20.00	0.0338	63.2907	0.0030	0.0770	0.0000	0.0000	154.9210	218.3255
A212	30.00	0.0332	55.1091	0.0030	0.0760	0.0000	0.0000	154.9210	210.1423
A212	40.00	0.0323	48.2666	0.0030	0.0760	0.0000	0.0000	154.9210	203.2989
A212	50.00	0.0312	41.5602	0.0030	0.0760	0.0000	0.0000	154.9210	196.5914
A212	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A212	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A212	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A215	20.00	0.1640	53.5820	0.0010	0.5300	0.0260	0.3350	170.6630	225.3010
A215	30.00	0.1573	27.8514	0.0010	0.5000	0.0270	0.3080	170.6630	199.5077
A215	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A215	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A215	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A215	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A215	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A219	13.60	0.1344	58.0429	0.0010	0.4690	0.0240	0.2620	170.6630	229.5963
A219	20.00	0.1321	47.8439	0.0010	0.4510	0.0260	0.2310	170.6630	219.3480
A219	30.00	0.1270	27.0985	0.0010	0.4220	0.0270	0.2030	170.6630	198.5415
A219	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A219	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A219	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A219	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A219	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A501	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	194.6760	194.6770
A501	30.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	194.6760	194.6780
A501	40.00	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	194.6760	194.6800
A501	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6760
A501	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6760
A501	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6760
A501	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6760

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

10th Highest Daily FSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.6785	1.1608	0.0002	0.0145	0.0015	0.0540	59.2088	61.1183
A1	5.00	0.5735	0.3499	0.0000	0.0109	0.0018	0.0375	59.2088	60.1825
A1	10.00	0.3509	0.2169	0.0000	0.0140	0.0021	0.0295	59.2088	59.8222
A2	1.50	1.3307	0.7050	0.0740	0.1289	0.0018	0.2817	58.1518	60.6739
A2	5.00	0.6353	0.6608	0.0000	0.1316	0.0095	0.0235	58.0450	59.5057
A2	10.00	0.2426	0.3549	0.0000	0.1301	0.0315	0.0019	58.0450	58.8060
A3	1.50	0.1880	0.0000	0.0080	0.6515	0.0008	0.0433	59.0530	59.9447
A3	5.00	0.1831	0.0000	0.0080	0.6550	0.0007	0.0354	59.0530	59.9352
A3	10.00	0.2989	0.0000	0.0000	0.4448	0.0139	0.0329	59.2088	59.9993
A4	1.50	0.0709	0.0000	0.0024	0.6604	0.0060	0.0213	58.9968	59.7577
A4	5.00	0.0700	0.0000	0.0024	0.6525	0.0055	0.0090	58.9968	59.7362
A4	10.00	0.0673	0.0000	0.0024	0.6793	0.0052	0.0076	58.9968	59.7586
A5	1.50	0.4102	0.0047	0.0241	0.0322	0.0050	0.2339	57.8472	58.5574
A5	5.00	0.3918	0.0046	0.0241	0.0410	0.0048	0.0566	57.8472	58.3701
A5	10.00	0.3387	0.0044	0.0241	0.0629	0.0378	0.0447	57.8472	58.3599
A6	1.50	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	58.2730	58.2751
A6	5.00	0.1100	0.0051	0.0216	0.0281	0.1774	0.0577	57.8472	58.2472
A6	10.00	0.0966	0.0033	0.0216	0.0297	0.1734	0.0035	57.8472	58.1754

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

10th Highest Daily FSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.0506	0.0484	0.0003	0.0624	0.0000	0.0007	58.0450	58.2074
A101	30.00	0.0378	0.0444	0.0003	0.0625	0.0000	0.0006	58.0450	58.1906
A101	40.00	0.0261	0.0401	0.0003	0.0616	0.0000	0.0005	58.0450	58.1736
A101	50.00	0.0173	0.0351	0.0004	0.0566	0.0000	0.0004	58.0450	58.1548
A101	60.00	0.0113	0.0300	0.0004	0.0508	0.0000	0.0004	58.0450	58.1378
A101	70.00	0.0075	0.0249	0.0004	0.0452	0.0000	0.0003	58.0450	58.1233
A101	80.00	0.0052	0.0202	0.0004	0.0391	0.0000	0.0003	58.0450	58.1101
A104	20.00	0.0555	0.0497	0.0003	0.0638	0.0000	0.0009	58.0450	58.2152
A104	30.00	0.0387	0.0455	0.0003	0.0636	0.0000	0.0008	58.0450	58.1939
A104	40.00	0.0252	0.0408	0.0003	0.0623	0.0000	0.0007	58.0450	58.1743
A104	50.00	0.0160	0.0356	0.0003	0.0570	0.0000	0.0006	58.0450	58.1545
A104	60.00	0.0104	0.0302	0.0003	0.0508	0.0000	0.0006	58.0450	58.1372
A104	70.00	0.0071	0.0248	0.0003	0.0450	0.0000	0.0005	58.0450	58.1228
A104	80.00	0.0051	0.0199	0.0003	0.0389	0.0000	0.0005	58.0450	58.1097
A107	20.00	0.0529	0.0552	0.0003	0.0681	0.0000	0.0009	58.0450	58.2224
A107	30.00	0.0383	0.0496	0.0003	0.0681	0.0000	0.0008	58.0450	58.2021
A107	40.00	0.0258	0.0434	0.0003	0.0667	0.0000	0.0007	58.0450	58.1818
A107	50.00	0.0167	0.0366	0.0003	0.0611	0.0000	0.0006	58.0450	58.1603
A107	60.00	0.0108	0.0299	0.0003	0.0545	0.0000	0.0005	58.0450	58.1411
A107	70.00	0.0072	0.0236	0.0003	0.0483	0.0000	0.0005	58.0450	58.1250
A107	80.00	0.0051	0.0181	0.0003	0.0416	0.0000	0.0005	58.0450	58.1106
A108	20.00	0.0526	0.0578	0.0003	0.0705	0.0000	0.0010	58.0450	58.2271
A108	30.00	0.0383	0.0514	0.0003	0.0704	0.0000	0.0009	58.0450	58.2062
A108	40.00	0.0258	0.0443	0.0003	0.0690	0.0000	0.0008	58.0450	58.1851
A108	50.00	0.0167	0.0367	0.0003	0.0632	0.0000	0.0006	58.0450	58.1625
A108	60.00	0.0108	0.0293	0.0003	0.0563	0.0000	0.0006	58.0450	58.1423
A108	70.00	0.0072	0.0226	0.0003	0.0499	0.0000	0.0005	58.0450	58.1255
A108	80.00	0.0050	0.0169	0.0003	0.0428	0.0000	0.0005	58.0450	58.1105
A113	20.00	0.0573	0.0610	0.0002	0.0758	0.0000	0.0014	58.0450	58.2407
A113	30.00	0.0391	0.0529	0.0002	0.0753	0.0000	0.0013	58.0450	58.2137
A113	40.00	0.0250	0.0440	0.0002	0.0736	0.0000	0.0011	58.0450	58.1889
A113	50.00	0.0157	0.0351	0.0002	0.0671	0.0000	0.0010	58.0450	58.1640
A113	60.00	0.0101	0.0267	0.0002	0.0594	0.0000	0.0009	58.0450	58.1423
A113	70.00	0.0068	0.0196	0.0002	0.0523	0.0000	0.0009	58.0450	58.1248
A113	80.00	0.0049	0.0140	0.0002	0.0445	0.0000	0.0008	58.0450	58.1093
A115	20.00	0.0575	0.0657	0.0002	0.0793	0.0000	0.0015	58.0450	58.2493
A115	30.00	0.0392	0.0554	0.0002	0.0787	0.0000	0.0014	58.0450	58.2199
A115	40.00	0.0250	0.0446	0.0002	0.0768	0.0000	0.0013	58.0450	58.1928
A115	50.00	0.0156	0.0341	0.0002	0.0700	0.0000	0.0011	58.0450	58.1661
A115	60.00	0.0100	0.0249	0.0002	0.0619	0.0000	0.0010	58.0450	58.1431
A115	70.00	0.0067	0.0175	0.0002	0.0543	0.0000	0.0010	58.0450	58.1247
A115	80.00	0.0048	0.0120	0.0002	0.0461	0.0000	0.0009	58.0450	58.1090
A118	20.00	0.0524	0.0880	0.0001	0.0862	0.0000	0.0016	58.0450	58.2734
A118	30.00	0.0377	0.0663	0.0001	0.0859	0.0000	0.0015	58.0450	58.2364
A118	40.00	0.0250	0.0470	0.0001	0.0840	0.0000	0.0013	58.0450	58.2023
A118	50.00	0.0159	0.0315	0.0002	0.0769	0.0000	0.0011	58.0450	58.1705
A118	60.00	0.0101	0.0201	0.0002	0.0682	0.0000	0.0010	58.0450	58.1445
A118	70.00	0.0066	0.0126	0.0002	0.0597	0.0000	0.0009	58.0450	58.1249
A118	80.00	0.0046	0.0077	0.0002	0.0503	0.0000	0.0009	58.0450	58.1086
A125	20.00	0.1321	0.0000	0.0000	0.0066	0.0000	0.0003	59.5779	59.7168
A125	30.00	0.0620	0.0000	0.0000	0.0062	0.0000	0.0003	59.5779	59.6464
A125	40.00	0.0354	0.0000	0.0000	0.0060	0.0000	0.0003	59.5779	59.6196
A125	50.00	0.0236	0.0000	0.0000	0.0060	0.0000	0.0003	59.5779	59.6078
A125	60.00	0.0173	0.0000	0.0000	0.0059	0.0000	0.0003	59.5779	59.6014
A125	70.00	0.0133	0.0000	0.0000	0.0059	0.0000	0.0003	59.5779	59.5973
A125	80.00	0.0105	0.0000	0.0000	0.0058	0.0000	0.0003	59.5779	59.5945
A128	20.00	0.1233	0.0000	0.0000	0.0070	0.0000	0.0003	59.5779	59.7085
A128	30.00	0.0571	0.0000	0.0000	0.0065	0.0000	0.0003	59.5779	59.6418
A128	40.00	0.0333	0.0000	0.0000	0.0063	0.0000	0.0003	59.5779	59.6178
A128	50.00	0.0227	0.0000	0.0000	0.0063	0.0000	0.0003	59.5779	59.6071
A128	60.00	0.0168	0.0000	0.0000	0.0062	0.0000	0.0003	59.5779	59.6012
A128	70.00	0.0130	0.0000	0.0000	0.0061	0.0000	0.0003	59.5779	59.5972
A128	80.00	0.0103	0.0000	0.0000	0.0060	0.0000	0.0003	59.5779	59.5945
A131	20.00	0.0526	0.0387	0.0005	0.0550	0.0000	0.0005	58.0450	58.1923
A131	30.00	0.0383	0.0363	0.0005	0.0552	0.0000	0.0004	58.0450	58.1756
A131	40.00	0.0259	0.0338	0.0005	0.0544	0.0000	0.0004	58.0450	58.1600
A131	50.00	0.0170	0.0309	0.0005	0.0499	0.0000	0.0003	58.0450	58.1435
A131	60.00	0.0111	0.0277	0.0005	0.0447	0.0000	0.0003	58.0450	58.1293
A131	70.00	0.0075	0.0243	0.0005	0.0400	0.0000	0.0003	58.0450	58.1177
A131	80.00	0.0053	0.0209	0.0005	0.0349	0.0000	0.0002	58.0450	58.1068
A135	20.00	0.0516	0.0435	0.0004	0.0585	0.0000	0.0006	58.0450	58.1996
A135	30.00	0.0380	0.0404	0.0004	0.0587	0.0000	0.0005	58.0450	58.1831
A135	40.00	0.0260	0.0371	0.0004	0.0578	0.0000	0.0005	58.0450	58.1667
A135	50.00	0.0171	0.0333	0.0004	0.0531	0.0000	0.0004	58.0450	58.1492
A135	60.00	0.0112	0.0292	0.0004	0.0476	0.0000	0.0003	58.0450	58.1337
A135	70.00	0.0075	0.0250	0.0004	0.0425	0.0000	0.0003	58.0450	58.1206
A135	80.00	0.0053	0.0209	0.0005	0.0369	0.0000	0.0003	58.0450	58.1088
A136	20.00	0.0529	0.1251	0.0001	0.0891	0.0000	0.0018	58.0450	58.3139
A136	30.00	0.0376	0.0816	0.0001	0.0887	0.0000	0.0016	58.0450	58.2546
A136	40.00	0.0247	0.0510	0.0001	0.0868	0.0000	0.0014	58.0450	58.2089
A136	50.00	0.0156	0.0308	0.0001	0.0793	0.0000	0.0013	58.0450	58.1720
A136	60.00	0.0098	0.0182	0.0001	0.0702	0.0000	0.0011	58.0450	58.1444
A136	70.00	0.0065	0.0107	0.0002	0.0613	0.0000	0.0010	58.0450	58.1246
A136	80.00	0.0045	0.0063	0.0002	0.0515	0.0000	0.0010	58.0450	58.1084
A139	20.00	0.0565	0.2558	0.0001	0.0930	0.0000	0.0023	58.0450	58.4527
A139	30.00	0.0383	0.1220	0.0001	0.0923	0.0000	0.0020	58.0450	58.2998
A139	40.00	0.0241	0.0603	0.0001	0.0902	0.0000			

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

10th Highest Daily FSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	50.00	0.0149	0.0308	0.0001	0.0820	0.0000	0.0016	58.0450	58.1744
A139	60.00	0.0094	0.0161	0.0001	0.0723	0.0000	0.0015	58.0450	58.1444
A139	70.00	0.0063	0.0087	0.0001	0.0628	0.0000	0.0014	58.0450	58.1242
A139	80.00	0.0045	0.0048	0.0001	0.0525	0.0000	0.0013	58.0450	58.1081
A142	20.00	0.0467	0.2599	0.0001	0.1023	0.0000	0.0023	58.0450	58.4563
A142	30.00	0.0337	0.0995	0.0001	0.1022	0.0000	0.0021	58.0450	58.2826
A142	40.00	0.0224	0.0404	0.0001	0.1001	0.0000	0.0018	58.0450	58.2098
A142	50.00	0.0141	0.0170	0.0001	0.0917	0.0000	0.0015	58.0450	58.1694
A142	60.00	0.0089	0.0074	0.0001	0.0810	0.0000	0.0014	58.0450	58.1439
A142	70.00	0.0059	0.0033	0.0001	0.0701	0.0000	0.0012	58.0450	58.1256
A142	80.00	0.0041	0.0015	0.0001	0.0580	0.0000	0.0012	58.0450	58.1099
A143	20.00	0.0491	0.2168	0.0000	0.1089	0.0000	0.0030	58.0450	58.4229
A143	30.00	0.0341	0.0756	0.0000	0.1083	0.0000	0.0027	58.0450	58.2658
A143	40.00	0.0218	0.0283	0.0000	0.1058	0.0000	0.0024	58.0450	58.2033
A143	50.00	0.0135	0.0110	0.0001	0.0966	0.0000	0.0020	58.0450	58.1682
A143	60.00	0.0085	0.0044	0.0001	0.0851	0.0000	0.0018	58.0450	58.1449
A143	70.00	0.0057	0.0018	0.0001	0.0730	0.0000	0.0017	58.0450	58.1272
A143	80.00	0.0041	0.0007	0.0001	0.0598	0.0000	0.0015	58.0450	58.1112
A146	20.00	0.0548	0.1798	0.0000	0.1136	0.0000	0.0050	58.0450	58.3982
A146	30.00	0.0353	0.0584	0.0000	0.1125	0.0000	0.0043	58.0450	58.2555
A146	40.00	0.0213	0.0205	0.0000	0.1098	0.0000	0.0036	58.0450	58.2003
A146	50.00	0.0128	0.0076	0.0000	0.0998	0.0000	0.0031	58.0450	58.1683
A146	60.00	0.0081	0.0028	0.0001	0.0871	0.0000	0.0028	58.0450	58.1459
A146	70.00	0.0056	0.0010	0.0001	0.0741	0.0000	0.0025	58.0450	58.1283
A146	80.00	0.0041	0.0004	0.0001	0.0605	0.0000	0.0022	58.0450	58.1123
A149	20.00	0.0514	0.1999	0.0000	0.1231	0.0007	0.0068	58.0450	58.3369
A149	30.00	0.0332	0.0292	0.0000	0.1221	0.0000	0.0055	58.0450	58.2349
A149	40.00	0.0200	0.0085	0.0000	0.1195	0.0000	0.0044	58.0450	58.1973
A149	50.00	0.0120	0.0025	0.0000	0.1085	0.0000	0.0036	58.0450	58.1716
A149	60.00	0.0077	0.0007	0.0000	0.0945	0.0000	0.0031	58.0450	58.1509
A149	70.00	0.0053	0.0002	0.0000	0.0798	0.0000	0.0027	58.0450	58.1330
A149	80.00	0.0040	0.0000	0.0001	0.0642	0.0000	0.0024	58.0450	58.1157
A209	13.60	0.0224	0.0133	0.0003	0.0641	0.0001	0.0007	58.0450	58.1459
A209	20.00	0.0209	0.0143	0.0004	0.0664	0.0000	0.0008	58.0450	58.1478
A209	30.00	0.0178	0.0142	0.0004	0.0685	0.0000	0.0008	58.0450	58.1466
A209	40.00	0.0143	0.0125	0.0004	0.0689	0.0000	0.0008	58.0450	58.1417
A209	50.00	0.0109	0.0097	0.0004	0.0651	0.0000	0.0007	58.0450	58.1317
A209	60.00	0.0079	0.0066	0.0004	0.0600	0.0000	0.0005	58.0450	58.1204
A209	70.00	0.0055	0.0039	0.0004	0.0546	0.0000	0.0004	58.0450	58.1097
A209	80.00	0.0037	0.0019	0.0004	0.0481	0.0000	0.0003	58.0450	58.0994
A211	20.00	0.0353	0.0319	0.0003	0.0653	0.0000	0.0006	58.0450	58.1784
A211	30.00	0.0292	0.0291	0.0003	0.0666	0.0000	0.0005	58.0450	58.1708
A211	40.00	0.0226	0.0257	0.0003	0.0665	0.0000	0.0005	58.0450	58.1605
A211	50.00	0.0165	0.0219	0.0003	0.0622	0.0000	0.0004	58.0450	58.1462
A211	60.00	0.0115	0.0179	0.0004	0.0567	0.0000	0.0003	58.0450	58.1318
A211	70.00	0.0078	0.0143	0.0004	0.0512	0.0000	0.0002	58.0450	58.1188
A211	80.00	0.0053	0.0111	0.0004	0.0447	0.0000	0.0001	58.0450	58.1065
A212	20.00	0.0419	0.0500	0.0003	0.0677	0.0000	0.0007	58.0450	58.2056
A212	30.00	0.0334	0.0450	0.0003	0.0685	0.0000	0.0006	58.0450	58.1928
A212	40.00	0.0248	0.0393	0.0003	0.0678	0.0000	0.0005	58.0450	58.1778
A212	50.00	0.0174	0.0331	0.0003	0.0629	0.0000	0.0004	58.0450	58.1591
A212	60.00	0.0118	0.0270	0.0003	0.0569	0.0000	0.0003	58.0450	58.1412
A212	70.00	0.0078	0.0212	0.0003	0.0509	0.0000	0.0002	58.0450	58.1254
A212	80.00	0.0052	0.0162	0.0003	0.0442	0.0000	0.0001	58.0450	58.1110
A215	20.00	0.0231	0.0381	0.0003	0.0781	0.0000	0.0009	58.0450	58.1855
A215	30.00	0.0192	0.0339	0.0003	0.0800	0.0000	0.0010	58.0450	58.1793
A215	40.00	0.0150	0.0271	0.0003	0.0798	0.0000	0.0009	58.0450	58.1680
A215	50.00	0.0111	0.0194	0.0003	0.0749	0.0000	0.0007	58.0450	58.1513
A215	60.00	0.0078	0.0126	0.0003	0.0685	0.0000	0.0005	58.0450	58.1346
A215	70.00	0.0053	0.0076	0.0003	0.0615	0.0000	0.0004	58.0450	58.1200
A215	80.00	0.0036	0.0044	0.0003	0.0533	0.0000	0.0002	58.0450	58.1067
A219	13.60	0.0214	0.0191	0.0003	0.0716	0.0001	0.0008	58.0450	58.1582
A219	20.00	0.0198	0.0201	0.0003	0.0741	0.0000	0.0009	58.0450	58.1602
A219	30.00	0.0167	0.0191	0.0003	0.0760	0.0000	0.0009	58.0450	58.1580
A219	40.00	0.0132	0.0157	0.0003	0.0762	0.0000	0.0009	58.0450	58.1512
A219	50.00	0.0099	0.0111	0.0003	0.0717	0.0000	0.0008	58.0450	58.1386
A219	60.00	0.0070	0.0066	0.0003	0.0658	0.0000	0.0006	58.0450	58.1253
A219	70.00	0.0048	0.0034	0.0003	0.0594	0.0000	0.0004	58.0450	58.1133
A219	80.00	0.0033	0.0015	0.0003	0.0518	0.0000	0.0003	58.0450	58.1020
A303	20.00	0.0302	0.0175	0.0001	0.0926	0.0000	0.0013	58.0450	58.2767
A303	30.00	0.0242	0.0104	0.0001	0.0938	0.0000	0.0013	58.0450	58.2347
A303	40.00	0.0180	0.0416	0.0001	0.0927	0.0000	0.0011	58.0450	58.1984
A303	50.00	0.0126	0.0227	0.0001	0.0862	0.0000	0.0008	58.0450	58.1674
A303	60.00	0.0084	0.0116	0.0001	0.0777	0.0000	0.0006	58.0450	58.1435
A303	70.00	0.0056	0.0058	0.0001	0.0685	0.0000	0.0004	58.0450	58.1254
A303	80.00	0.0038	0.0028	0.0002	0.0580	0.0000	0.0003	58.0450	58.1100
A307	20.00	0.0333	0.1732	0.0001	0.1019	0.0000	0.0019	58.0450	58.3554
A307	30.00	0.0259	0.0704	0.0001	0.1028	0.0000	0.0017	58.0450	58.2459
A307	40.00	0.0186	0.0306	0.0001	0.1013	0.0000	0.0014	58.0450	58.1970
A307	50.00	0.0126	0.0134	0.0001	0.0937	0.0000	0.0011	58.0450	58.1658
A307	60.00	0.0082	0.0057	0.0001	0.0839	0.0000	0.0008	58.0450	58.1438
A307	70.00	0.0054	0.0024	0.0001	0.0731	0.0000	0.0006	58.0450	58.1267
A307	80.00	0.0037	0.0010	0.0001	0.0609	0.0000	0.0005	58.0450	58.1113
A308	13.60	0.0187	0.1207	0.0001	0.1012	0.0001	0.0013	58.0450	58.2871
A308	20.00	0.0170	0.0664	0.0001	0.1039	0.0000	0.0014	58.0450	58.2337
A308	30.00	0.0137	0.0241	0.0001	0.1052	0.0000	0.0013	58.0450	58.1894
A308	40.00	0.0103	0.0078	0.0001	0.1042	0.0000	0.0011	58.0450	58.1684

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

10th Highest Daily FSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A308	50.00	0.0072	0.0022	0.0001	0.0968	0.0000	0.0008	58.0450	58.1520
A308	60.00	0.0049	0.0005	0.0001	0.0868	0.0000	0.0005	58.0450	58.1378
A308	70.00	0.0033	0.0001	0.0001	0.0755	0.0000	0.0003	58.0450	58.1242
A308	80.00	0.0022	0.0000	0.0001	0.0622	0.0000	0.0001	58.0450	58.1096
A310	20.00	0.0341	0.0636	0.0002	0.0773	0.0000	0.0008	58.0450	58.2209
A310	30.00	0.0278	0.0545	0.0003	0.0785	0.0000	0.0008	58.0450	58.2067
A310	40.00	0.0210	0.0440	0.0003	0.0778	0.0000	0.0007	58.0450	58.1888
A310	50.00	0.0150	0.0333	0.0003	0.0725	0.0000	0.0005	58.0450	58.1666
A310	60.00	0.0103	0.0238	0.0003	0.0657	0.0000	0.0004	58.0450	58.1453
A310	70.00	0.0068	0.0162	0.0003	0.0587	0.0000	0.0003	58.0450	58.1272
A310	80.00	0.0046	0.0108	0.0003	0.0506	0.0000	0.0002	58.0450	58.1113
A313	13.60	0.0207	0.0335	0.0002	0.0788	0.0001	0.0010	58.0450	58.1793
A313	20.00	0.0191	0.0333	0.0002	0.0815	0.0000	0.0010	58.0450	58.1801
A313	30.00	0.0159	0.0292	0.0002	0.0833	0.0000	0.0010	58.0450	58.1746
A313	40.00	0.0124	0.0217	0.0003	0.0831	0.0000	0.0010	58.0450	58.1635
A313	50.00	0.0091	0.0137	0.0003	0.0781	0.0000	0.0008	58.0450	58.1469
A313	60.00	0.0064	0.0074	0.0003	0.0712	0.0000	0.0006	58.0450	58.1308

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Annual FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.3146	0.1830	0.0234	0.0223	0.0023	0.0041	23.9546	24.5043
A1	5.00	0.2774	0.0391	0.0232	0.0213	0.0024	0.0029	23.9546	24.3210
A1	10.00	0.1968	0.0216	0.0228	0.0220	0.0029	0.0017	23.9546	24.2224
A2	1.50	0.5265	0.2443	0.0304	0.0412	0.0016	0.0066	22.9788	23.8295
A2	5.00	0.3995	0.0461	0.0301	0.0409	0.0023	0.0019	22.9788	23.4997
A2	10.00	0.2274	0.0267	0.0296	0.0411	0.0093	0.0010	22.9788	23.3140
A3	1.50	0.1425	0.0038	0.0199	0.1170	0.0026	0.0043	23.9546	24.2449
A3	5.00	0.1381	0.0037	0.0197	0.1102	0.0028	0.0023	23.9546	24.2314
A3	10.00	0.1248	0.0037	0.0194	0.1097	0.0034	0.0016	23.9546	24.2172
A4	1.50	0.0681	0.0023	0.0187	0.2594	0.0027	0.0026	23.9546	24.3085
A4	5.00	0.0672	0.0023	0.0185	0.2679	0.0029	0.0011	23.9546	24.3146
A4	10.00	0.0642	0.0023	0.0183	0.2837	0.0064	0.0007	23.9546	24.3304
A5	1.50	0.1719	0.0405	0.0290	0.0867	0.0043	0.0061	23.2615	23.6001
A5	5.00	0.1652	0.0174	0.0287	0.1293	0.0053	0.0023	23.2615	23.6097
A5	10.00	0.1456	0.0032	0.0282	0.2760	0.0126	0.0016	23.2615	23.7287
A6	1.50	0.1928	0.0075	0.0298	0.1951	0.0275	0.0057	23.2615	23.7200
A6	5.00	0.1854	0.0071	0.0295	0.1956	0.0397	0.0036	23.2615	23.7225
A6	10.00	0.1636	0.0050	0.0290	0.2137	0.0768	0.0015	23.2615	23.7511

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Annual FSP Concentration (ug/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.1213	0.0049	0.0322	0.0230	0.0007	0.0001	22.9788	23.1611
A101	30.00	0.0622	0.0027	0.0297	0.0297	0.0003	0.0001	22.9788	23.1036
A101	40.00	0.0391	0.0020	0.0267	0.0376	0.0003	0.0001	22.9788	23.0845
A101	50.00	0.0275	0.0015	0.0239	0.0372	0.0002	0.0001	22.9788	23.0692
A101	60.00	0.0204	0.0012	0.0214	0.0303	0.0002	0.0000	22.9788	23.0524
A101	70.00	0.0156	0.0009	0.0195	0.0211	0.0002	0.0000	22.9788	23.0361
A101	80.00	0.0122	0.0007	0.0181	0.0150	0.0002	0.0000	22.9788	23.0250
A104	20.00	0.1094	0.0046	0.0318	0.0238	0.0007	0.0001	22.9788	23.1493
A104	30.00	0.0576	0.0027	0.0294	0.0313	0.0003	0.0001	22.9788	23.1002
A104	40.00	0.0378	0.0020	0.0265	0.0400	0.0003	0.0001	22.9788	23.0855
A104	50.00	0.0271	0.0016	0.0237	0.0393	0.0002	0.0001	22.9788	23.0708
A104	60.00	0.0203	0.0012	0.0212	0.0318	0.0002	0.0000	22.9788	23.0536
A104	70.00	0.0156	0.0010	0.0193	0.0219	0.0002	0.0000	22.9788	23.0369
A104	80.00	0.0123	0.0008	0.0179	0.0155	0.0002	0.0000	22.9788	23.0255
A107	20.00	0.1172	0.0053	0.0316	0.0249	0.0008	0.0001	22.9788	23.1587
A107	30.00	0.0597	0.0031	0.0292	0.0324	0.0003	0.0001	22.9788	23.1036
A107	40.00	0.0382	0.0023	0.0263	0.0413	0.0003	0.0001	22.9788	23.0873
A107	50.00	0.0272	0.0018	0.0235	0.0408	0.0002	0.0001	22.9788	23.0724
A107	60.00	0.0203	0.0014	0.0211	0.0330	0.0002	0.0000	22.9788	23.0548
A107	70.00	0.0156	0.0011	0.0192	0.0227	0.0002	0.0000	22.9788	23.0375
A107	80.00	0.0122	0.0009	0.0178	0.0161	0.0002	0.0000	22.9788	23.0259
A108	20.00	0.1183	0.0057	0.0315	0.0256	0.0008	0.0001	22.9788	23.1608
A108	30.00	0.0600	0.0033	0.0290	0.0332	0.0004	0.0001	22.9788	23.1049
A108	40.00	0.0382	0.0025	0.0262	0.0424	0.0003	0.0001	22.9788	23.0885
A108	50.00	0.0272	0.0019	0.0234	0.0420	0.0002	0.0001	22.9788	23.0736
A108	60.00	0.0203	0.0014	0.0210	0.0339	0.0002	0.0000	22.9788	23.0557
A108	70.00	0.0155	0.0011	0.0191	0.0232	0.0002	0.0000	22.9788	23.0380
A108	80.00	0.0121	0.0009	0.0177	0.0165	0.0002	0.0000	22.9788	23.0262
A113	20.00	0.1074	0.0062	0.0309	0.0276	0.0009	0.0001	22.9788	23.1520
A113	30.00	0.0567	0.0040	0.0286	0.0362	0.0004	0.0001	22.9788	23.1047
A113	40.00	0.0375	0.0030	0.0258	0.0468	0.0003	0.0001	22.9788	23.0923
A113	50.00	0.0270	0.0023	0.0230	0.0463	0.0002	0.0001	22.9788	23.0778
A113	60.00	0.0203	0.0018	0.0206	0.0370	0.0002	0.0001	22.9788	23.0588
A113	70.00	0.0155	0.0014	0.0188	0.0250	0.0002	0.0000	22.9788	23.0398
A113	80.00	0.0121	0.0012	0.0174	0.0176	0.0002	0.0000	22.9788	23.0273
A115	20.00	0.1071	0.0070	0.0307	0.0287	0.0009	0.0001	22.9788	23.1534
A115	30.00	0.0568	0.0046	0.0284	0.0376	0.0004	0.0001	22.9788	23.1066
A115	40.00	0.0376	0.0034	0.0256	0.0487	0.0003	0.0001	22.9788	23.0945
A115	50.00	0.0271	0.0026	0.0229	0.0482	0.0002	0.0001	22.9788	23.0799
A115	60.00	0.0203	0.0020	0.0205	0.0384	0.0002	0.0001	22.9788	23.0603
A115	70.00	0.0155	0.0016	0.0186	0.0259	0.0002	0.0000	22.9788	23.0407
A115	80.00	0.0121	0.0013	0.0172	0.0182	0.0002	0.0000	22.9788	23.0279
A118	20.00	0.1161	0.0094	0.0305	0.0305	0.0010	0.0001	22.9788	23.1665
A118	30.00	0.0596	0.0060	0.0281	0.0394	0.0004	0.0001	22.9788	23.1124
A118	40.00	0.0384	0.0043	0.0254	0.0507	0.0003	0.0001	22.9788	23.0980
A118	50.00	0.0273	0.0031	0.0227	0.0507	0.0003	0.0001	22.9788	23.0830
A118	60.00	0.0203	0.0023	0.0203	0.0405	0.0002	0.0001	22.9788	23.0626
A118	70.00	0.0155	0.0018	0.0184	0.0272	0.0002	0.0001	22.9788	23.0420
A118	80.00	0.0120	0.0015	0.0171	0.0191	0.0002	0.0000	22.9788	23.0287
A125	20.00	0.1320	0.0009	0.0450	0.0340	0.0010	0.0002	23.3336	23.5467
A125	30.00	0.0679	0.0007	0.0420	0.0827	0.0001	0.0001	23.3336	23.5272
A125	40.00	0.0413	0.0007	0.0385	0.1261	0.0001	0.0001	23.3336	23.5404
A125	50.00	0.0282	0.0006	0.0351	0.0617	0.0001	0.0001	23.3336	23.4594
A125	60.00	0.0207	0.0006	0.0322	0.0281	0.0001	0.0001	23.3336	23.4153
A125	70.00	0.0158	0.0006	0.0298	0.0194	0.0001	0.0001	23.3336	23.3993
A125	80.00	0.0124	0.0006	0.0280	0.0158	0.0001	0.0000	23.3336	23.3904
A128	20.00	0.1276	0.0010	0.0442	0.0353	0.0010	0.0001	23.3336	23.5429
A128	30.00	0.0653	0.0008	0.0413	0.0862	0.0001	0.0001	23.3336	23.5274
A128	40.00	0.0405	0.0008	0.0379	0.1324	0.0001	0.0001	23.3336	23.5453
A128	50.00	0.0282	0.0007	0.0345	0.0638	0.0001	0.0001	23.3336	23.4610
A128	60.00	0.0209	0.0007	0.0316	0.0290	0.0001	0.0001	23.3336	23.4159
A128	70.00	0.0160	0.0007	0.0292	0.0201	0.0001	0.0001	23.3336	23.3998
A128	80.00	0.0125	0.0006	0.0274	0.0164	0.0001	0.0001	23.3336	23.3907
A131	20.00	0.1208	0.0041	0.0328	0.0209	0.0007	0.0001	22.9788	23.1583
A131	30.00	0.0616	0.0023	0.0302	0.0272	0.0003	0.0001	22.9788	23.1006
A131	40.00	0.0388	0.0016	0.0273	0.0343	0.0002	0.0001	22.9788	23.0811
A131	50.00	0.0274	0.0013	0.0243	0.0337	0.0002	0.0001	22.9788	23.0658
A131	60.00	0.0204	0.0010	0.0218	0.0276	0.0002	0.0000	22.9788	23.0499
A131	70.00	0.0157	0.0008	0.0199	0.0194	0.0002	0.0000	22.9788	23.0348
A131	80.00	0.0123	0.0006	0.0185	0.0138	0.0002	0.0000	22.9788	23.0243
A135	20.00	0.1201	0.0044	0.0325	0.0220	0.0007	0.0001	22.9788	23.1586
A135	30.00	0.0613	0.0025	0.0299	0.0285	0.0003	0.0001	22.9788	23.1014
A135	40.00	0.0388	0.0018	0.0270	0.0360	0.0003	0.0001	22.9788	23.0827
A135	50.00	0.0274	0.0014	0.0241	0.0355	0.0002	0.0001	22.9788	23.0675
A135	60.00	0.0205	0.0011	0.0216	0.0290	0.0002	0.0000	22.9788	23.0512
A135	70.00	0.0157	0.0008	0.0197	0.0202	0.0002	0.0000	22.9788	23.0355
A135	80.00	0.0123	0.0006	0.0183	0.0144	0.0002	0.0000	22.9788	23.0246
A136	20.00	0.1141	0.0106	0.0303	0.0315	0.0010	0.0002	22.9788	23.1666
A136	30.00	0.0589	0.0067	0.0280	0.0407	0.0004	0.0001	22.9788	23.1137
A136	40.00	0.0383	0.0047	0.0253	0.0525	0.0003	0.0001	22.9788	23.1000
A136	50.00	0.0273	0.0034	0.0225	0.0525	0.0003	0.0001	22.9788	23.0850
A136	60.00	0.0203	0.0025	0.0202	0.0419	0.0002	0.0001	22.9788	23.0641
A136	70.00	0.0155	0.0020	0.0183	0.0280	0.0002	0.0001	22.9788	23.0428
A136	80.00	0.0120	0.0016	0.0170	0.0196	0.0002	0.0000	22.9788	23.0292
A139	20.00	0.1060	0.0125	0.0300	0.0331	0.0011	0.0002	22.9788	23.1616
A139	30.00	0.0567	0.0078	0.0277	0.0431	0.0004	0.0001	22.9788	23.1148
A139	40.00	0.0379	0.0054	0.0250	0.0561	0.0003			

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Annual FSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	50.00	0.0273	0.0039	0.0224	0.0560	0.0003	0.0001	22.9788	23.0887
A139	60.00	0.0203	0.0029	0.0200	0.0443	0.0002	0.0001	22.9788	23.0667
A139	70.00	0.0155	0.0022	0.0182	0.0293	0.0002	0.0001	22.9788	23.0443
A139	80.00	0.0120	0.0017	0.0168	0.0205	0.0002	0.0001	22.9788	23.0301
A142	20.00	0.1181	0.0171	0.0298	0.0355	0.0012	0.0002	22.9788	23.1807
A142	30.00	0.0605	0.0100	0.0275	0.0455	0.0005	0.0001	22.9788	23.1230
A142	40.00	0.0388	0.0064	0.0249	0.0585	0.0003	0.0001	22.9788	23.1078
A142	50.00	0.0275	0.0043	0.0222	0.0590	0.0003	0.0001	22.9788	23.0922
A142	60.00	0.0203	0.0031	0.0199	0.0469	0.0003	0.0001	22.9788	23.0693
A142	70.00	0.0154	0.0023	0.0180	0.0310	0.0002	0.0001	22.9788	23.0458
A142	80.00	0.0118	0.0017	0.0166	0.0217	0.0002	0.0001	22.9788	23.0310
A143	20.00	0.1112	0.0205	0.0295	0.0380	0.0012	0.0002	22.9788	23.1794
A143	30.00	0.0584	0.0119	0.0273	0.0488	0.0005	0.0002	22.9788	23.1258
A143	40.00	0.0383	0.0076	0.0246	0.0634	0.0003	0.0001	22.9788	23.1131
A143	50.00	0.0273	0.0051	0.0220	0.0639	0.0003	0.0001	22.9788	23.0975
A143	60.00	0.0202	0.0036	0.0197	0.0504	0.0003	0.0001	22.9788	23.0731
A143	70.00	0.0153	0.0026	0.0178	0.0330	0.0003	0.0001	22.9788	23.0478
A143	80.00	0.0118	0.0019	0.0164	0.0230	0.0002	0.0001	22.9788	23.0322
A146	20.00	0.1010	0.0223	0.0292	0.0401	0.0012	0.0003	22.9788	23.1730
A146	30.00	0.0563	0.0132	0.0270	0.0522	0.0004	0.0002	22.9788	23.1281
A146	40.00	0.0379	0.0085	0.0244	0.0688	0.0003	0.0002	22.9788	23.1189
A146	50.00	0.0272	0.0058	0.0218	0.0689	0.0003	0.0001	22.9788	23.1029
A146	60.00	0.0202	0.0041	0.0195	0.0538	0.0003	0.0001	22.9788	23.0768
A146	70.00	0.0152	0.0030	0.0177	0.0348	0.0003	0.0001	22.9788	23.0499
A146	80.00	0.0117	0.0022	0.0163	0.0241	0.0002	0.0001	22.9788	23.0335
A149	20.00	0.1034	0.0248	0.0289	0.0432	0.0013	0.0003	22.9788	23.1809
A149	30.00	0.0569	0.0141	0.0268	0.0560	0.0004	0.0003	22.9788	23.1333
A149	40.00	0.0380	0.0088	0.0242	0.0739	0.0004	0.0002	22.9788	23.1242
A149	50.00	0.0271	0.0059	0.0216	0.0742	0.0003	0.0002	22.9788	23.1082
A149	60.00	0.0200	0.0042	0.0193	0.0579	0.0003	0.0001	22.9788	23.0806
A149	70.00	0.0151	0.0030	0.0175	0.0371	0.0003	0.0001	22.9788	23.0519
A149	80.00	0.0116	0.0022	0.0161	0.0256	0.0003	0.0001	22.9788	23.0347
A209	13.60	0.1434	0.0092	0.0347	0.0205	0.0016	0.0001	22.9788	23.1883
A209	20.00	0.1200	0.0070	0.0333	0.0221	0.0008	0.0001	22.9788	23.1621
A209	30.00	0.0836	0.0036	0.0306	0.0270	0.0005	0.0001	22.9788	23.1242
A209	40.00	0.0556	0.0023	0.0275	0.0325	0.0004	0.0001	22.9788	23.0971
A209	50.00	0.0370	0.0017	0.0244	0.0328	0.0003	0.0001	22.9788	23.0751
A209	60.00	0.0254	0.0012	0.0218	0.0272	0.0003	0.0000	22.9788	23.0548
A209	70.00	0.0181	0.0008	0.0199	0.0195	0.0002	0.0000	22.9788	23.0374
A209	80.00	0.0134	0.0006	0.0184	0.0142	0.0002	0.0000	22.9788	23.0257
A211	20.00	0.1321	0.0066	0.0327	0.0226	0.0007	0.0001	22.9788	23.1737
A211	30.00	0.0784	0.0034	0.0301	0.0281	0.0004	0.0001	22.9788	23.1192
A211	40.00	0.0474	0.0023	0.0271	0.0343	0.0003	0.0001	22.9788	23.0902
A211	50.00	0.0310	0.0017	0.0241	0.0344	0.0003	0.0001	22.9788	23.0703
A211	60.00	0.0218	0.0012	0.0216	0.0284	0.0002	0.0001	22.9788	23.0522
A211	70.00	0.0161	0.0009	0.0197	0.0202	0.0002	0.0000	22.9788	23.0359
A211	80.00	0.0123	0.0006	0.0182	0.0146	0.0002	0.0000	22.9788	23.0248
A212	20.00	0.1319	0.0064	0.0321	0.0239	0.0008	0.0001	22.9788	23.1740
A212	30.00	0.0715	0.0034	0.0296	0.0301	0.0004	0.0001	22.9788	23.1139
A212	40.00	0.0428	0.0024	0.0267	0.0374	0.0003	0.0001	22.9788	23.0884
A212	50.00	0.0288	0.0018	0.0238	0.0374	0.0003	0.0001	22.9788	23.0709
A212	60.00	0.0208	0.0013	0.0213	0.0307	0.0002	0.0000	22.9788	23.0532
A212	70.00	0.0157	0.0009	0.0194	0.0215	0.0002	0.0000	22.9788	23.0365
A212	80.00	0.0121	0.0007	0.0180	0.0154	0.0002	0.0000	22.9788	23.0252
A215	20.00	0.1262	0.0098	0.0320	0.0257	0.0008	0.0001	22.9788	23.1735
A215	30.00	0.0830	0.0049	0.0295	0.0317	0.0005	0.0001	22.9788	23.1285
A215	40.00	0.0526	0.0033	0.0265	0.0386	0.0004	0.0001	22.9788	23.1003
A215	50.00	0.0342	0.0022	0.0236	0.0391	0.0003	0.0001	22.9788	23.0784
A215	60.00	0.0234	0.0015	0.0211	0.0321	0.0003	0.0001	22.9788	23.0573
A215	70.00	0.0169	0.0010	0.0192	0.0225	0.0002	0.0000	22.9788	23.0387
A215	80.00	0.0126	0.0007	0.0177	0.0163	0.0002	0.0000	22.9788	23.0265
A219	13.60	0.1449	0.0125	0.0338	0.0227	0.0020	0.0001	22.9788	23.1950
A219	20.00	0.1208	0.0089	0.0325	0.0244	0.0008	0.0001	22.9788	23.1664
A219	30.00	0.0835	0.0044	0.0299	0.0300	0.0005	0.0001	22.9788	23.1272
A219	40.00	0.0550	0.0029	0.0269	0.0364	0.0004	0.0001	22.9788	23.1005
A219	50.00	0.0365	0.0020	0.0239	0.0369	0.0003	0.0001	22.9788	23.0785
A219	60.00	0.0250	0.0014	0.0213	0.0303	0.0003	0.0001	22.9788	23.0571
A219	70.00	0.0178	0.0009	0.0194	0.0214	0.0003	0.0000	22.9788	23.0386
A219	80.00	0.0132	0.0007	0.0180	0.0156	0.0002	0.0000	22.9788	23.0264
A303	20.00	0.1341	0.0130	0.0308	0.0308	0.0009	0.0002	22.9788	23.1886
A303	30.00	0.0767	0.0073	0.0284	0.0384	0.0005	0.0001	22.9788	23.1302
A303	40.00	0.0457	0.0047	0.0255	0.0476	0.0004	0.0001	22.9788	23.1028
A303	50.00	0.0299	0.0030	0.0228	0.0483	0.0003	0.0001	22.9788	23.0832
A303	60.00	0.0211	0.0021	0.0204	0.0391	0.0003	0.0001	22.9788	23.0618
A303	70.00	0.0156	0.0015	0.0185	0.0268	0.0002	0.0001	22.9788	23.0415
A303	80.00	0.0119	0.0012	0.0171	0.0191	0.0002	0.0000	22.9788	23.0284
A307	20.00	0.1331	0.0177	0.0302	0.0342	0.0010	0.0002	22.9788	23.1952
A307	30.00	0.0716	0.0097	0.0278	0.0428	0.0005	0.0001	22.9788	23.1313
A307	40.00	0.0427	0.0059	0.0251	0.0537	0.0004	0.0001	22.9788	23.1066
A307	50.00	0.0287	0.0037	0.0224	0.0546	0.0003	0.0001	22.9788	23.0886
A307	60.00	0.0206	0.0025	0.0200	0.0438	0.0003	0.0001	22.9788	23.0662
A307	70.00	0.0154	0.0018	0.0182	0.0295	0.0003	0.0001	22.9788	23.0441
A307	80.00	0.0118	0.0014	0.0168	0.0209	0.0002	0.0001	22.9788	23.0300
A308	13.60	0.1502	0.0514	0.0316	0.0323	0.0041	0.0003	22.9788	23.2488
A308	20.00	0.1242	0.0266	0.0305	0.0345	0.0011	0.0002	22.9788	23.1959
A308	30.00	0.0845	0.0119	0.0281	0.0426	0.0006	0.0001	22.9788	23.1466
A308	40.00	0.0548	0.0060	0.0253	0.0530	0.0005	0.0001	22.9788	23.1185

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Annual FSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A308	50.00	0.0359	0.0033	0.0225	0.0545	0.0004	0.0001	22.9788	23.0955
A308	60.00	0.0243	0.0020	0.0201	0.0430	0.0004	0.0001	22.9788	23.0687
A308	70.00	0.0172	0.0013	0.0182	0.0287	0.0003	0.0001	22.9788	23.0447
A308	80.00	0.0127	0.0009	0.0167	0.0208	0.0003	0.0001	22.9788	23.0303
A310	20.00	0.1337	0.0085	0.0317	0.0262	0.0008	0.0001	22.9788	23.1799
A310	30.00	0.0772	0.0045	0.0292	0.0327	0.0004	0.0001	22.9788	23.1229
A310	40.00	0.0460	0.0031	0.0263	0.0403	0.0003	0.0001	22.9788	23.0949
A310	50.00	0.0300	0.0022	0.0234	0.0406	0.0003	0.0001	22.9788	23.0754
A310	60.00	0.0212	0.0015	0.0210	0.0332	0.0003	0.0001	22.9788	23.0561
A310	70.00	0.0158	0.0011	0.0190	0.0231	0.0002	0.0000	22.9788	23.0381
A310	80.00	0.0121	0.0008	0.0176	0.0166	0.0002	0.0000	22.9788	23.0262
A313	13.60	0.1473	0.0168	0.0332	0.0248	0.0026	0.0002	22.9788	23.2036
A313	20.00	0.1223	0.0110	0.0319	0.0267	0.0009	0.0001	22.9788	23.1717
A313	30.00	0.0838	0.0055	0.0293	0.0329	0.0005	0.0001	22.9788	23.1310
A313	40.00	0.0547	0.0036	0.0264	0.0402	0.0004	0.0001	22.9788	23.1042
A313	50.00	0.0360	0.0024	0.0235	0.0409	0.0004	0.0001	22.9788	23.0819
A313	60.00	0.0245	0.0015	0.0210	0.0333	0.0003	0.0001	22.9788	23.0595
A313	70.00	0.017							

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

10th Highest Daily RSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.4960	0.9622	0.0007	0.0591	0.0014	1.4955	92.6258	95.6406
A1	5.00	0.7101	2.8029	0.0290	0.1949	0.0031	0.3780	78.7373	82.8554
A1	10.00	0.5547	2.4982	0.0288	0.1923	0.0033	0.3025	78.7373	82.3171
A2	1.50	1.5757	16.0623	0.0668	0.0070	0.0001	1.4703	75.1313	94.3135
A2	5.00	0.6905	4.2606	0.0000	0.1316	0.0095	0.1502	77.3933	82.6356
A2	10.00	0.0546	0.0000	0.0000	0.0078	0.0000	0.0451	80.5892	80.6967
A3	1.50	0.3729	0.0000	0.0750	0.1678	0.0043	1.2443	78.0144	79.8787
A3	5.00	0.1976	0.0003	0.0205	0.6550	0.0007	0.2208	78.7373	79.8321
A3	10.00	0.1814	0.0003	0.0205	0.7738	0.0009	0.1395	78.7373	79.8536
A4	1.50	0.2006	0.0000	0.0613	0.4423	0.0048	1.0424	78.0144	79.7657
A4	5.00	0.0760	0.0000	0.0024	0.6525	0.0055	0.0581	78.6623	79.4569
A4	10.00	0.0730	0.0000	0.0024	0.6793	0.0052	0.0502	78.6623	79.4724
A5	1.50	0.3361	0.0000	0.0000	0.0062	0.4535	77.6974	78.4932	78.4932
A5	5.00	0.4250	0.0298	0.0174	0.0410	0.0048	0.3599	77.1296	78.0076
A5	10.00	0.3673	0.0288	0.0174	0.0629	0.0378	0.2933	77.1296	77.9371
A6	1.50	0.1546	0.0665	0.0356	0.0245	0.0242	0.6785	76.7215	77.7055
A6	5.00	0.0000	0.0000	0.0000	0.0021	0.0003	0.0000	77.6974	77.6998
A6	10.00	0.1056	0.0200	0.0158	0.0297	0.1734	0.0193	77.1296	77.4936

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

10th Highest Daily RSP Concentration ($\mu\text{g}/\text{m}^3$)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.0549	0.3101	0.0003	0.0624	0.0000	0.0041	77.3933	77.8251
A101	30.00	0.0409	0.2864	0.0003	0.0625	0.0000	0.0038	77.3933	77.7872
A101	40.00	0.0283	0.2590	0.0003	0.0616	0.0000	0.0034	77.3933	77.7459
A101	50.00	0.0187	0.2278	0.0004	0.0566	0.0000	0.0030	77.3933	77.6997
A101	60.00	0.0122	0.1949	0.0004	0.0508	0.0000	0.0026	77.3933	77.6541
A101	70.00	0.0081	0.1622	0.0004	0.0452	0.0000	0.0023	77.3933	77.6115
A101	80.00	0.0056	0.1315	0.0004	0.0391	0.0000	0.0021	77.3933	77.5720
A104	20.00	0.0602	0.3196	0.0003	0.0638	0.0000	0.0055	77.3933	77.8427
A104	30.00	0.0419	0.2941	0.0003	0.0636	0.0000	0.0051	77.3933	77.7982
A104	40.00	0.0272	0.2646	0.0003	0.0623	0.0000	0.0047	77.3933	77.7524
A104	50.00	0.0173	0.2312	0.0003	0.0570	0.0000	0.0043	77.3933	77.7034
A104	60.00	0.0112	0.1962	0.0003	0.0508	0.0000	0.0040	77.3933	77.6558
A104	70.00	0.0076	0.1618	0.0003	0.0450	0.0000	0.0037	77.3933	77.6117
A104	80.00	0.0055	0.1298	0.0003	0.0389	0.0000	0.0035	77.3933	77.5712
A107	20.00	0.0573	0.3544	0.0003	0.0681	0.0000	0.0056	77.3933	77.8790
A107	30.00	0.0415	0.3202	0.0003	0.0681	0.0000	0.0051	77.3933	77.8285
A107	40.00	0.0279	0.2808	0.0003	0.0667	0.0000	0.0047	77.3933	77.7736
A107	50.00	0.0180	0.2378	0.0003	0.0611	0.0000	0.0042	77.3933	77.7147
A107	60.00	0.0117	0.1945	0.0003	0.0545	0.0000	0.0038	77.3933	77.6580
A107	70.00	0.0078	0.1539	0.0003	0.0483	0.0000	0.0035	77.3933	77.6071
A107	80.00	0.0054	0.1182	0.0003	0.0416	0.0000	0.0032	77.3933	77.5620
A108	20.00	0.0571	0.3712	0.0003	0.0705	0.0000	0.0060	77.3933	77.8983
A108	30.00	0.0415	0.3316	0.0003	0.0704	0.0000	0.0055	77.3933	77.8425
A108	40.00	0.0279	0.2864	0.0003	0.0690	0.0000	0.0050	77.3933	77.7820
A108	50.00	0.0180	0.2381	0.0003	0.0632	0.0000	0.0045	77.3933	77.7175
A108	60.00	0.0117	0.1906	0.0003	0.0563	0.0000	0.0041	77.3933	77.6563
A108	70.00	0.0077	0.1474	0.0003	0.0499	0.0000	0.0037	77.3933	77.6022
A108	80.00	0.0054	0.1104	0.0003	0.0428	0.0000	0.0034	77.3933	77.5556
A113	20.00	0.0621	0.3927	0.0002	0.0758	0.0000	0.0086	77.3933	77.9328
A113	30.00	0.0423	0.3419	0.0002	0.0753	0.0000	0.0080	77.3933	77.8610
A113	40.00	0.0269	0.2855	0.0002	0.0736	0.0000	0.0074	77.3933	77.7870
A113	50.00	0.0169	0.2279	0.0002	0.0671	0.0000	0.0068	77.3933	77.7121
A113	60.00	0.0108	0.1741	0.0002	0.0594	0.0000	0.0063	77.3933	77.6441
A113	70.00	0.0073	0.1281	0.0002	0.0523	0.0000	0.0059	77.3933	77.5870
A113	80.00	0.0052	0.0911	0.0002	0.0445	0.0000	0.0056	77.3933	77.5399
A115	20.00	0.0624	0.4229	0.0002	0.0793	0.0000	0.0095	77.3933	77.9676
A115	30.00	0.0424	0.3581	0.0002	0.0787	0.0000	0.0088	77.3933	77.8816
A115	40.00	0.0269	0.2892	0.0002	0.0768	0.0000	0.0082	77.3933	77.7945
A115	50.00	0.0168	0.2218	0.0002	0.0700	0.0000	0.0075	77.3933	77.7097
A115	60.00	0.0107	0.1624	0.0002	0.0619	0.0000	0.0070	77.3933	77.6355
A115	70.00	0.0072	0.1143	0.0002	0.0543	0.0000	0.0065	77.3933	77.5758
A115	80.00	0.0051	0.0779	0.0002	0.0461	0.0000	0.0062	77.3933	77.5289
A118	20.00	0.0569	0.5666	0.0001	0.0862	0.0000	0.0100	77.3933	78.1131
A118	30.00	0.0408	0.4282	0.0001	0.0859	0.0000	0.0091	77.3933	77.9574
A118	40.00	0.0270	0.3044	0.0001	0.0840	0.0000	0.0083	77.3933	77.8171
A118	50.00	0.0171	0.2043	0.0002	0.0769	0.0000	0.0074	77.3933	77.6991
A118	60.00	0.0108	0.1310	0.0002	0.0682	0.0000	0.0068	77.3933	77.6102
A118	70.00	0.0071	0.0816	0.0002	0.0597	0.0000	0.0062	77.3933	77.5481
A118	80.00	0.0049	0.0500	0.0002	0.0503	0.0000	0.0058	77.3933	77.5045
A125	20.00	0.1435	0.0000	0.0000	0.0066	0.0000	0.0021	79.4372	79.5894
A125	30.00	0.0672	0.0000	0.0000	0.0062	0.0000	0.0020	79.4372	79.5127
A125	40.00	0.0382	0.0000	0.0000	0.0060	0.0000	0.0020	79.4372	79.4835
A125	50.00	0.0254	0.0000	0.0000	0.0060	0.0000	0.0020	79.4372	79.4706
A125	60.00	0.0186	0.0000	0.0000	0.0059	0.0000	0.0020	79.4372	79.4637
A125	70.00	0.0143	0.0000	0.0000	0.0059	0.0000	0.0020	79.4372	79.4594
A125	80.00	0.0113	0.0000	0.0000	0.0058	0.0000	0.0020	79.4372	79.4563
A128	20.00	0.1339	0.0000	0.0000	0.0070	0.0000	0.0023	79.4372	79.5804
A128	30.00	0.0619	0.0000	0.0000	0.0065	0.0000	0.0023	79.4372	79.5078
A128	40.00	0.0359	0.0000	0.0000	0.0063	0.0000	0.0023	79.4372	79.4817
A128	50.00	0.0244	0.0000	0.0000	0.0063	0.0000	0.0023	79.4372	79.4701
A128	60.00	0.0180	0.0000	0.0000	0.0062	0.0000	0.0022	79.4372	79.4637
A128	70.00	0.0139	0.0000	0.0000	0.0061	0.0000	0.0022	79.4372	79.4594
A128	80.00	0.0110	0.0000	0.0000	0.0060	0.0000	0.0022	79.4372	79.4564
A131	20.00	0.0571	0.2477	0.0005	0.0550	0.0000	0.0033	77.3933	77.7569
A131	30.00	0.0414	0.2343	0.0005	0.0552	0.0000	0.0030	77.3933	77.7276
A131	40.00	0.0280	0.2186	0.0005	0.0544	0.0000	0.0027	77.3933	77.6975
A131	50.00	0.0183	0.2002	0.0005	0.0499	0.0000	0.0025	77.3933	77.6646
A131	60.00	0.0120	0.1797	0.0005	0.0447	0.0000	0.0022	77.3933	77.6323
A131	70.00	0.0081	0.1580	0.0005	0.0400	0.0000	0.0020	77.3933	77.6020
A131	80.00	0.0057	0.1363	0.0005	0.0349	0.0000	0.0017	77.3933	77.5724
A135	20.00	0.0560	0.2785	0.0004	0.0585	0.0000	0.0037	77.3933	77.7904
A135	30.00	0.0412	0.2607	0.0004	0.0587	0.0000	0.0034	77.3933	77.7576
A135	40.00	0.0281	0.2399	0.0004	0.0578	0.0000	0.0031	77.3933	77.7226
A135	50.00	0.0184	0.2158	0.0004	0.0531	0.0000	0.0028	77.3933	77.6838
A135	60.00	0.0120	0.1896	0.0004	0.0476	0.0000	0.0025	77.3933	77.6454
A135	70.00	0.0081	0.1627	0.0004	0.0425	0.0000	0.0022	77.3933	77.6091
A135	80.00	0.0057	0.1364	0.0005	0.0369	0.0000	0.0020	77.3933	77.5746
A136	20.00	0.0574	0.8080	0.0001	0.0891	0.0000	0.0110	77.3933	78.3590
A136	30.00	0.0407	0.5284	0.0001	0.0887	0.0000	0.0102	77.3933	78.0614
A136	40.00	0.0267	0.3307	0.0001	0.0868	0.0000	0.0093	77.3933	77.8468
A136	50.00	0.0168	0.1997	0.0001	0.0793	0.0000	0.0083	77.3933	77.6976
A136	60.00	0.0106	0.1183	0.0001	0.0702	0.0000	0.0075	77.3933	77.6000
A136	70.00	0.0069	0.0695	0.0002	0.0613	0.0000	0.0070	77.3933	77.5382
A136	80.00	0.0048	0.0406	0.0002	0.0515	0.0000	0.0066	77.3933	77.4970
A139	20.00	0.0613	1.6614	0.0001	0.0930	0.0000	0.0141	77.3933	79.2232
A139	30.00	0.0415	0.7921	0.0001	0.0923	0.0000	0.0130	77.3933	78.3323
A139	40.00	0.0260	0.3915	0					

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

10th Highest Daily RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	50.00	0.0160	0.1999	0.0001	0.0820	0.0000	0.0108	77.3933	77.7021
A139	60.00	0.0100	0.1049	0.0001	0.0723	0.0000	0.0100	77.3933	77.5906
A139	70.00	0.0067	0.0564	0.0001	0.0628	0.0000	0.0093	77.3933	77.5286
A139	80.00	0.0048	0.0308	0.0001	0.0525	0.0000	0.0088	77.3933	77.4902
A142	20.00	0.0507	1.6846	0.0001	0.1023	0.0000	0.0145	77.3933	79.2455
A142	30.00	0.0365	0.6435	0.0001	0.1022	0.0000	0.0133	77.3933	78.1890
A142	40.00	0.0242	0.2608	0.0001	0.1001	0.0000	0.0118	77.3933	77.7902
A142	50.00	0.0152	0.1098	0.0001	0.0917	0.0000	0.0103	77.3933	77.6205
A142	60.00	0.0096	0.0481	0.0001	0.0810	0.0000	0.0091	77.3933	77.5413
A142	70.00	0.0063	0.0216	0.0001	0.0701	0.0000	0.0084	77.3933	77.4998
A142	80.00	0.0044	0.0098	0.0001	0.0580	0.0000	0.0078	77.3933	77.4734
A143	20.00	0.0533	1.4050	0.0000	0.1089	0.0000	0.0190	77.3933	78.9795
A143	30.00	0.0370	0.4891	0.0000	0.1083	0.0000	0.0172	77.3933	78.0449
A143	40.00	0.0236	0.1829	0.0000	0.1058	0.0000	0.0151	77.3933	77.7208
A143	50.00	0.0145	0.0714	0.0001	0.0966	0.0000	0.0134	77.3933	77.5893
A143	60.00	0.0091	0.0284	0.0001	0.0851	0.0000	0.0121	77.3933	77.5280
A143	70.00	0.0061	0.0114	0.0001	0.0730	0.0000	0.0111	77.3933	77.4949
A143	80.00	0.0043	0.0045	0.0001	0.0598	0.0000	0.0103	77.3933	77.4724
A146	20.00	0.0593	1.1666	0.0000	0.1136	0.0000	0.0318	77.3933	78.7648
A146	30.00	0.0382	0.3781	0.0000	0.1125	0.0000	0.0279	77.3933	77.9500
A146	40.00	0.0230	0.1329	0.0000	0.1098	0.0000	0.0241	77.3933	77.6831
A146	50.00	0.0138	0.0489	0.0000	0.0998	0.0000	0.0209	77.3933	77.5766
A146	60.00	0.0087	0.0181	0.0001	0.0871	0.0000	0.0183	77.3933	77.5257
A146	70.00	0.0060	0.0067	0.0001	0.0741	0.0000	0.0164	77.3933	77.4965
A146	80.00	0.0044	0.0024	0.0001	0.0605	0.0000	0.0147	77.3933	77.4754
A149	20.00	0.0878	3.3046	0.0681	0.0078	0.0000	0.0100	75.1313	78.6096
A149	30.00	0.0359	0.1883	0.0000	0.1221	0.0000	0.0359	77.3933	77.7755
A149	40.00	0.0215	0.0550	0.0000	0.1195	0.0000	0.0291	77.3933	77.6184
A149	50.00	0.0129	0.0161	0.0000	0.1085	0.0000	0.0241	77.3933	77.5549
A149	60.00	0.0082	0.0045	0.0000	0.0945	0.0000	0.0208	77.3933	77.5213
A149	70.00	0.0057	0.0012	0.0000	0.0798	0.0000	0.0183	77.3933	77.4983
A149	80.00	0.0042	0.0003	0.0001	0.0642	0.0000	0.0163	77.3933	77.4784
A209	13.60	0.0244	0.0683	0.0003	0.0641	0.0001	0.0038	77.3933	77.5543
A209	20.00	0.0228	0.0754	0.0004	0.0664	0.0000	0.0041	77.3933	77.5623
A209	30.00	0.0194	0.0775	0.0004	0.0685	0.0000	0.0043	77.3933	77.5634
A209	40.00	0.0156	0.0694	0.0004	0.0689	0.0000	0.0043	77.3933	77.5518
A209	50.00	0.0118	0.0544	0.0004	0.0651	0.0000	0.0039	77.3933	77.5289
A209	60.00	0.0085	0.0372	0.0004	0.0600	0.0000	0.0032	77.3933	77.5026
A209	70.00	0.0060	0.0219	0.0004	0.0546	0.0000	0.0025	77.3933	77.4786
A209	80.00	0.0040	0.0110	0.0004	0.0481	0.0000	0.0017	77.3933	77.4585
A211	20.00	0.0384	0.1974	0.0003	0.0653	0.0000	0.0034	77.3933	77.6980
A211	30.00	0.0317	0.1823	0.0003	0.0666	0.0000	0.0033	77.3933	77.6775
A211	40.00	0.0245	0.1624	0.0003	0.0665	0.0000	0.0029	77.3933	77.6499
A211	50.00	0.0179	0.1390	0.0003	0.0622	0.0000	0.0025	77.3933	77.6151
A211	60.00	0.0125	0.1148	0.0004	0.0567	0.0000	0.0019	77.3933	77.5795
A211	70.00	0.0084	0.0919	0.0004	0.0512	0.0000	0.0013	77.3933	77.5465
A211	80.00	0.0057	0.0718	0.0004	0.0447	0.0000	0.0009	77.3933	77.5167
A212	20.00	0.0455	0.3175	0.0003	0.0677	0.0000	0.0038	77.3933	77.8280
A212	30.00	0.0363	0.2879	0.0003	0.0685	0.0000	0.0035	77.3933	77.7897
A212	40.00	0.0269	0.2527	0.0003	0.0678	0.0000	0.0030	77.3933	77.7441
A212	50.00	0.0188	0.2138	0.0003	0.0629	0.0000	0.0025	77.3933	77.6917
A212	60.00	0.0127	0.1746	0.0003	0.0569	0.0000	0.0020	77.3933	77.6397
A212	70.00	0.0084	0.1379	0.0003	0.0509	0.0000	0.0015	77.3933	77.5923
A212	80.00	0.0056	0.1058	0.0003	0.0442	0.0000	0.0012	77.3933	77.5504
A215	20.00	0.0251	0.2262	0.0003	0.0781	0.0000	0.0051	77.3933	77.7281
A215	30.00	0.0209	0.2039	0.0003	0.0800	0.0000	0.0053	77.3933	77.7037
A215	40.00	0.0163	0.1644	0.0003	0.0798	0.0000	0.0050	77.3933	77.6591
A215	50.00	0.0120	0.1189	0.0003	0.0749	0.0000	0.0043	77.3933	77.6037
A215	60.00	0.0084	0.0781	0.0003	0.0685	0.0000	0.0033	77.3933	77.5519
A215	70.00	0.0057	0.0478	0.0003	0.0615	0.0000	0.0023	77.3933	77.5109
A215	80.00	0.0038	0.0283	0.0003	0.0533	0.0000	0.0013	77.3933	77.4803
A219	13.60	0.0232	0.1009	0.0003	0.0716	0.0001	0.0044	77.3933	77.5938
A219	20.00	0.0216	0.1091	0.0003	0.0741	0.0000	0.0048	77.3933	77.6031
A219	30.00	0.0181	0.1070	0.0003	0.0760	0.0000	0.0051	77.3933	77.5999
A219	40.00	0.0143	0.0891	0.0003	0.0762	0.0000	0.0050	77.3933	77.5781
A219	50.00	0.0107	0.0633	0.0003	0.0717	0.0000	0.0044	77.3933	77.5436
A219	60.00	0.0076	0.0382	0.0003	0.0658	0.0000	0.0035	77.3933	77.5087
A219	70.00	0.0052	0.0197	0.0003	0.0594	0.0000	0.0025	77.3933	77.4804
A219	80.00	0.0035	0.0089	0.0003	0.0518	0.0000	0.0017	77.3933	77.4594
A303	20.00	0.0329	0.6793	0.0001	0.0926	0.0000	0.0076	77.3933	78.2058
A303	30.00	0.0263	0.4457	0.0001	0.0938	0.0000	0.0075	77.3933	77.9666
A303	40.00	0.0195	0.2638	0.0001	0.0927	0.0000	0.0067	77.3933	77.7760
A303	50.00	0.0136	0.1440	0.0001	0.0862	0.0000	0.0053	77.3933	77.6426
A303	60.00	0.0091	0.0743	0.0001	0.0777	0.0000	0.0039	77.3933	77.5584
A303	70.00	0.0060	0.0370	0.0001	0.0685	0.0000	0.0027	77.3933	77.5078
A303	80.00	0.0041	0.0183	0.0002	0.0580	0.0000	0.0019	77.3933	77.4757
A307	20.00	0.0362	1.1095	0.0001	0.1019	0.0000	0.0110	77.3933	78.6519
A307	30.00	0.0281	0.4479	0.0001	0.1028	0.0000	0.0105	77.3933	77.9827
A307	40.00	0.0201	0.1943	0.0001	0.1013	0.0000	0.0091	77.3933	77.7182
A307	50.00	0.0136	0.0852	0.0001	0.0937	0.0000	0.0073	77.3933	77.5931
A307	60.00	0.0089	0.0365	0.0001	0.0839	0.0000	0.0056	77.3933	77.5283
A307	70.00	0.0058	0.0154	0.0001	0.0731	0.0000	0.0044	77.3933	77.4921
A307	80.00	0.0040	0.0065	0.0001	0.0609	0.0000	0.0037	77.3933	77.4685
A308	13.60	0.0203	0.7343	0.0001	0.1012	0.0001	0.0073	77.3933	78.2567
A308	20.00	0.0185	0.4001	0.0001	0.1039	0.0000	0.0077	77.3933	77.9235
A308	30.00	0.0149	0.1433	0.0001	0.1052	0.0000	0.0076	77.3933	77.6643
A308	40.00	0.0111	0.0460	0.0001	0.1042	0.0000	0.0065	77.3933	77.5612

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

10th Highest Daily RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A308	50.00	0.0078	0.0127	0.0001	0.0968	0.0000	0.0049	77.3933	77.5155
A308	60.00	0.0053	0.0029	0.0001	0.0868	0.0000	0.0033	77.3933	77.4917
A308	70.00	0.0035	0.0005	0.0001	0.0755	0.0000	0.0020	77.3933	77.4748
A308	80.00	0.0024	0.0001	0.0001	0.0622	0.0000	0.0010	77.3933	77.4590
A310	20.00	0.0371	0.3996	0.0002	0.0773	0.0000	0.0048	77.3933	77.9123
A310	30.00	0.0301	0.3451	0.0003	0.0785	0.0000	0.0047	77.3933	77.8519
A310	40.00	0.0228	0.2800	0.0003	0.0778	0.0000	0.0042	77.3933	77.7784
A310	50.00	0.0163	0.2131	0.0003	0.0725	0.0000	0.0034	77.3933	77.6989
A310	60.00	0.0111	0.1531	0.0003	0.0657	0.0000	0.0026	77.3933	77.6260
A310	70.00	0.0074	0.1051	0.0003	0.0587	0.0000	0.0018	77.3933	77.5665
A310	80.00	0.0049	0.0699	0.0003	0.0506	0.0000	0.0013	77.3933	77.5202
A313	13.60	0.0225	0.1889	0.0002	0.0788	0.0001	0.0051	77.3933	77.6889
A313	20.00	0.0208	0.1906	0.0002	0.0815	0.0000	0.0056	77.3933	77.6919
A313	30.00	0.0173	0.1701	0.0002	0.0833	0.0000	0.0058	77.3933	77.6700
A313	40.00	0.0135	0.1279	0.0003	0.0831	0.0000	0.0056	77.3933	77.6236
A313	50.00	0.0099	0.0814	0.0003	0.0781	0.0000	0.0048	77.3933	77.5677
A313	60.00	0.0069	0.0445	0.0003	0.0712	0.0000	0.0036	77.3933	77.5197
A313	70.00	0.004							

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Annual RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	0.3419	1.0608	0.0787	0.0223	0.0023	0.2420	33.7389	35.4870
A1	5.00	0.3016	0.2426	0.0777	0.0213	0.0024	0.1763	33.7389	34.5608
A1	10.00	0.2139	0.1354	0.0763	0.0220	0.0029	0.1022	33.7389	34.2917
A2	1.50	0.5723	1.4420	0.1035	0.0412	0.0016	0.3840	32.3645	34.9093
A2	5.00	0.4342	0.2948	0.1023	0.0409	0.0023	0.1153	32.3645	33.3543
A2	10.00	0.2470	0.1730	0.1004	0.0411	0.0093	0.0634	32.3645	32.9989
A3	1.50	0.1549	0.0205	0.0695	0.1170	0.0026	0.2661	33.7389	34.3696
A3	5.00	0.1500	0.0203	0.0688	0.1102	0.0028	0.1446	33.7389	34.2357
A3	10.00	0.1356	0.0207	0.0679	0.1097	0.0034	0.1029	33.7389	34.1790
A4	1.50	0.0740	0.0124	0.0663	0.2594	0.0027	0.1550	33.7389	34.3087
A4	5.00	0.0730	0.0124	0.0657	0.2679	0.0029	0.0676	33.7389	34.2285
A4	10.00	0.0698	0.0128	0.0648	0.2837	0.0064	0.0460	33.7389	34.2226
A5	1.50	0.1869	0.1855	0.0212	0.0867	0.0043	0.3711	32.7627	33.6185
A5	5.00	0.1795	0.0887	0.0210	0.1293	0.0053	0.1441	32.7627	33.3305
A5	10.00	0.1582	0.0183	0.0206	0.2760	0.0126	0.1033	32.7627	33.3517
A6	1.50	0.2098	0.0349	0.0226	0.1951	0.0275	0.3430	32.7627	33.5957
A6	5.00	0.2018	0.0350	0.0224	0.1956	0.0397	0.2230	32.7627	33.4802
A6	10.00	0.1780	0.0266	0.0220	0.2137	0.0768	0.0979	32.7627	33.3778

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Annual RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.1319	0.0289	0.1071	0.0230	0.0007	0.0072	32.3645	32.6634
A101	30.00	0.0676	0.0161	0.0977	0.0297	0.0003	0.0053	32.3645	32.5813
A101	40.00	0.0425	0.0117	0.0870	0.0376	0.0003	0.0041	32.3645	32.5476
A101	50.00	0.0299	0.0091	0.0765	0.0372	0.0002	0.0035	32.3645	32.5208
A101	60.00	0.0222	0.0069	0.0673	0.0303	0.0002	0.0031	32.3645	32.4945
A101	70.00	0.0170	0.0053	0.0601	0.0211	0.0002	0.0027	32.3645	32.4708
A101	80.00	0.0133	0.0042	0.0547	0.0150	0.0002	0.0023	32.3645	32.4542
A104	20.00	0.1189	0.0272	0.1059	0.0238	0.0007	0.0069	32.3645	32.6480
A104	30.00	0.0626	0.0160	0.0967	0.0313	0.0003	0.0050	32.3645	32.5765
A104	40.00	0.0410	0.0121	0.0862	0.0400	0.0003	0.0039	32.3645	32.5481
A104	50.00	0.0295	0.0095	0.0758	0.0393	0.0002	0.0034	32.3645	32.5223
A104	60.00	0.0221	0.0074	0.0667	0.0318	0.0002	0.0030	32.3645	32.4958
A104	70.00	0.0170	0.0059	0.0596	0.0219	0.0002	0.0026	32.3645	32.4717
A104	80.00	0.0133	0.0048	0.0543	0.0155	0.0002	0.0023	32.3645	32.4549
A107	20.00	0.1274	0.0317	0.1052	0.0249	0.0008	0.0071	32.3645	32.6616
A107	30.00	0.0649	0.0185	0.0960	0.0324	0.0003	0.0051	32.3645	32.5818
A107	40.00	0.0415	0.0139	0.0855	0.0413	0.0003	0.0039	32.3645	32.5510
A107	50.00	0.0295	0.0107	0.0752	0.0408	0.0002	0.0035	32.3645	32.5245
A107	60.00	0.0220	0.0083	0.0662	0.0330	0.0002	0.0031	32.3645	32.4973
A107	70.00	0.0169	0.0065	0.0591	0.0227	0.0002	0.0027	32.3645	32.4726
A107	80.00	0.0132	0.0053	0.0538	0.0161	0.0002	0.0024	32.3645	32.4554
A108	20.00	0.1267	0.0337	0.1046	0.0256	0.0008	0.0073	32.3645	32.6653
A108	30.00	0.0652	0.0200	0.0956	0.0332	0.0004	0.0051	32.3645	32.5840
A108	40.00	0.0415	0.0150	0.0851	0.0424	0.0003	0.0040	32.3645	32.5528
A108	50.00	0.0295	0.0115	0.0748	0.0420	0.0002	0.0035	32.3645	32.5261
A108	60.00	0.0220	0.0088	0.0658	0.0339	0.0002	0.0031	32.3645	32.4985
A108	70.00	0.0169	0.0070	0.0588	0.0232	0.0002	0.0027	32.3645	32.4733
A108	80.00	0.0132	0.0057	0.0535	0.0165	0.0002	0.0024	32.3645	32.4559
A113	20.00	0.1167	0.0377	0.1030	0.0276	0.0009	0.0077	32.3645	32.6581
A113	30.00	0.0616	0.0243	0.0941	0.0362	0.0004	0.0053	32.3645	32.5864
A113	40.00	0.0408	0.0186	0.0838	0.0468	0.0003	0.0042	32.3645	32.5591
A113	50.00	0.0294	0.0143	0.0737	0.0463	0.0002	0.0037	32.3645	32.5322
A113	60.00	0.0220	0.0112	0.0649	0.0370	0.0002	0.0033	32.3645	32.5031
A113	70.00	0.0169	0.0090	0.0579	0.0250	0.0002	0.0029	32.3645	32.4764
A113	80.00	0.0131	0.0075	0.0527	0.0176	0.0002	0.0026	32.3645	32.4582
A115	20.00	0.1164	0.0430	0.1023	0.0287	0.0009	0.0081	32.3645	32.6639
A115	30.00	0.0617	0.0281	0.0935	0.0376	0.0004	0.0055	32.3645	32.5913
A115	40.00	0.0409	0.0213	0.0833	0.0487	0.0003	0.0045	32.3645	32.5635
A115	50.00	0.0295	0.0162	0.0733	0.0482	0.0002	0.0039	32.3645	32.5359
A115	60.00	0.0220	0.0126	0.0645	0.0384	0.0002	0.0035	32.3645	32.5058
A115	70.00	0.0168	0.0101	0.0575	0.0259	0.0002	0.0031	32.3645	32.4781
A115	80.00	0.0131	0.0083	0.0523	0.0182	0.0002	0.0027	32.3645	32.4594
A118	20.00	0.1263	0.0581	0.1016	0.0305	0.0010	0.0091	32.3645	32.6910
A118	30.00	0.0648	0.0370	0.0928	0.0394	0.0004	0.0061	32.3645	32.6050
A118	40.00	0.0417	0.0266	0.0827	0.0507	0.0003	0.0049	32.3645	32.5716
A118	50.00	0.0297	0.0195	0.0727	0.0507	0.0003	0.0043	32.3645	32.5417
A118	60.00	0.0221	0.0147	0.0640	0.0405	0.0002	0.0038	32.3645	32.5098
A118	70.00	0.0168	0.0115	0.0570	0.0272	0.0002	0.0033	32.3645	32.4805
A118	80.00	0.0130	0.0093	0.0518	0.0191	0.0002	0.0029	32.3645	32.4609
A125	20.00	0.1437	0.0056	0.1491	0.0340	0.0010	0.0136	32.8642	33.2113
A125	30.00	0.0739	0.0047	0.1377	0.0827	0.0001	0.0087	32.8642	33.1719
A125	40.00	0.0449	0.0044	0.1245	0.1261	0.0001	0.0063	32.8642	33.1705
A125	50.00	0.0307	0.0042	0.1116	0.0617	0.0001	0.0050	32.8642	33.0775
A125	60.00	0.0225	0.0040	0.1003	0.0281	0.0001	0.0042	32.8642	33.0234
A125	70.00	0.0171	0.0039	0.0912	0.0194	0.0001	0.0036	32.8642	32.9995
A125	80.00	0.0134	0.0037	0.0843	0.0158	0.0001	0.0032	32.8642	32.9847
A128	20.00	0.1389	0.0061	0.1466	0.0353	0.0010	0.0100	32.8642	33.2021
A128	30.00	0.0710	0.0053	0.1354	0.0862	0.0001	0.0073	32.8642	33.1695
A128	40.00	0.0440	0.0049	0.1225	0.1324	0.0001	0.0058	32.8642	33.1741
A128	50.00	0.0307	0.0047	0.1098	0.0638	0.0001	0.0049	32.8642	33.0782
A128	60.00	0.0227	0.0045	0.0987	0.0290	0.0001	0.0043	32.8642	33.0235
A128	70.00	0.0174	0.0043	0.0897	0.0201	0.0001	0.0038	32.8642	32.9997
A128	80.00	0.0136	0.0041	0.0828	0.0164	0.0001	0.0035	32.8642	32.9848
A131	20.00	0.1314	0.0238	0.1094	0.0209	0.0007	0.0086	32.3645	32.6594
A131	30.00	0.0670	0.0134	0.0999	0.0272	0.0003	0.0064	32.3645	32.5786
A131	40.00	0.0421	0.0094	0.0889	0.0343	0.0002	0.0047	32.3645	32.5443
A131	50.00	0.0297	0.0074	0.0781	0.0337	0.0002	0.0038	32.3645	32.5176
A131	60.00	0.0222	0.0058	0.0688	0.0276	0.0002	0.0032	32.3645	32.4923
A131	70.00	0.0171	0.0045	0.0615	0.0194	0.0002	0.0027	32.3645	32.4698
A131	80.00	0.0134	0.0035	0.0560	0.0138	0.0002	0.0023	32.3645	32.4537
A135	20.00	0.1306	0.0260	0.1082	0.0220	0.0007	0.0076	32.3645	32.6596
A135	30.00	0.0666	0.0145	0.0987	0.0285	0.0003	0.0056	32.3645	32.5789
A135	40.00	0.0421	0.0104	0.0879	0.0360	0.0003	0.0043	32.3645	32.5455
A135	50.00	0.0298	0.0082	0.0772	0.0355	0.0002	0.0036	32.3645	32.5191
A135	60.00	0.0222	0.0063	0.0680	0.0290	0.0002	0.0031	32.3645	32.4933
A135	70.00	0.0170	0.0049	0.0607	0.0202	0.0002	0.0027	32.3645	32.4702
A135	80.00	0.0133	0.0039	0.0553	0.0144	0.0002	0.0023	32.3645	32.4539
A136	20.00	0.1241	0.0661	0.1011	0.0315	0.0010	0.0095	32.3645	32.6979
A136	30.00	0.0640	0.0420	0.0924	0.0407	0.0004	0.0064	32.3645	32.6105
A136	40.00	0.0416	0.0297	0.0824	0.0525	0.0003	0.0052	32.3645	32.5762
A136	50.00	0.0297	0.0214	0.0724	0.0525	0.0003	0.0046	32.3645	32.5455
A136	60.00	0.0221	0.0161	0.0637	0.0419	0.0002	0.0040	32.3645	32.5125
A136	70.00	0.0168	0.0125	0.0567	0.0280	0.0002	0.0035	32.3645	32.4823
A136	80.00	0.0130	0.0101	0.0515	0.0196	0.0002	0.0031	32.3645	32.4620
A139	20.00	0.1152	0.0785	0.1002	0.0331	0.0011	0.0102	32.3645	32.7028
A139	30.00	0.0617	0.0495	0.0917	0.0431	0.0004	0.0069	32.3645	32.6178
A139	40.00	0.0411	0.0343	0.0817	0.0561	0.0003	0.0058		

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Annual RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	50.00	0.0296	0.0246	0.0719	0.0560	0.0003	0.0050	32.3645	32.5519
A139	60.00	0.0221	0.0183	0.0632	0.0443	0.0002	0.0044	32.3645	32.5171
A139	70.00	0.0168	0.0142	0.0563	0.0293	0.0002	0.0038	32.3645	32.4852
A139	80.00	0.0130	0.0113	0.0511	0.0205	0.0002	0.0034	32.3645	32.4640
A142	20.00	0.1284	0.1078	0.0996	0.0355	0.0012	0.0121	32.3645	32.7491
A142	30.00	0.0658	0.0633	0.0911	0.0455	0.0005	0.0083	32.3645	32.6390
A142	40.00	0.0421	0.0408	0.0812	0.0585	0.0003	0.0069	32.3645	32.5944
A142	50.00	0.0298	0.0276	0.0714	0.0590	0.0003	0.0059	32.3645	32.5587
A142	60.00	0.0221	0.0197	0.0628	0.0469	0.0003	0.0050	32.3645	32.5213
A142	70.00	0.0167	0.0147	0.0559	0.0310	0.0002	0.0044	32.3645	32.4874
A142	80.00	0.0128	0.0112	0.0507	0.0217	0.0002	0.0038	32.3645	32.4650
A143	20.00	0.1209	0.1302	0.0986	0.0380	0.0012	0.0139	32.3645	32.7674
A143	30.00	0.0634	0.0761	0.0903	0.0488	0.0005	0.0098	32.3645	32.6535
A143	40.00	0.0416	0.0484	0.0806	0.0634	0.0003	0.0082	32.3645	32.6070
A143	50.00	0.0297	0.0325	0.0708	0.0639	0.0003	0.0069	32.3645	32.5687
A143	60.00	0.0220	0.0230	0.0623	0.0504	0.0003	0.0059	32.3645	32.5284
A143	70.00	0.0166	0.0168	0.0554	0.0330	0.0003	0.0051	32.3645	32.4916
A143	80.00	0.0128	0.0126	0.0502	0.0230	0.0002	0.0044	32.3645	32.4677
A146	20.00	0.1098	0.1431	0.0978	0.0401	0.0012	0.0157	32.3645	32.7723
A146	30.00	0.0611	0.0849	0.0896	0.0522	0.0004	0.0115	32.3645	32.6643
A146	40.00	0.0412	0.0547	0.0800	0.0688	0.0003	0.0097	32.3645	32.6191
A146	50.00	0.0296	0.0373	0.0704	0.0689	0.0003	0.0081	32.3645	32.5790
A146	60.00	0.0219	0.0265	0.0619	0.0538	0.0003	0.0068	32.3645	32.5357
A146	70.00	0.0166	0.0194	0.0550	0.0348	0.0003	0.0058	32.3645	32.4964
A146	80.00	0.0127	0.0145	0.0499	0.0241	0.0002	0.0050	32.3645	32.4710
A149	20.00	0.1124	0.1596	0.0970	0.0432	0.0013	0.0213	32.3645	32.7993
A149	30.00	0.0619	0.0909	0.0889	0.0560	0.0004	0.0158	32.3645	32.6785
A149	40.00	0.0413	0.0572	0.0794	0.0739	0.0004	0.0128	32.3645	32.6294
A149	50.00	0.0295	0.0385	0.0699	0.0742	0.0003	0.0104	32.3645	32.5873
A149	60.00	0.0217	0.0270	0.0614	0.0579	0.0003	0.0085	32.3645	32.5414
A149	70.00	0.0164	0.0195	0.0546	0.0371	0.0003	0.0071	32.3645	32.4995
A149	80.00	0.0126	0.0144	0.0494	0.0256	0.0003	0.0060	32.3645	32.4728
A209	13.60	0.1561	0.0534	0.1156	0.0205	0.0016	0.0088	32.3645	32.7206
A209	20.00	0.1306	0.0410	0.1106	0.0221	0.0008	0.0079	32.3645	32.6774
A209	30.00	0.0910	0.0208	0.1005	0.0270	0.0005	0.0060	32.3645	32.6103
A209	40.00	0.0604	0.0133	0.0891	0.0325	0.0004	0.0045	32.3645	32.5647
A209	50.00	0.0402	0.0096	0.0779	0.0328	0.0003	0.0037	32.3645	32.5290
A209	60.00	0.0276	0.0067	0.0683	0.0272	0.0003	0.0030	32.3645	32.4977
A209	70.00	0.0197	0.0047	0.0609	0.0195	0.0002	0.0025	32.3645	32.4721
A209	80.00	0.0145	0.0034	0.0554	0.0142	0.0002	0.0021	32.3645	32.4544
A211	20.00	0.1438	0.0385	0.1087	0.0226	0.0007	0.0087	32.3645	32.6876
A211	30.00	0.0852	0.0195	0.0991	0.0281	0.0004	0.0065	32.3645	32.6033
A211	40.00	0.0515	0.0132	0.0880	0.0343	0.0003	0.0050	32.3645	32.5567
A211	50.00	0.0336	0.0097	0.0772	0.0344	0.0003	0.0041	32.3645	32.5238
A211	60.00	0.0236	0.0070	0.0678	0.0284	0.0002	0.0035	32.3645	32.4951
A211	70.00	0.0175	0.0050	0.0605	0.0202	0.0002	0.0029	32.3645	32.4708
A211	80.00	0.0134	0.0037	0.0551	0.0146	0.0002	0.0024	32.3645	32.4539
A212	20.00	0.1434	0.0375	0.1068	0.0239	0.0008	0.0077	32.3645	32.6847
A212	30.00	0.0777	0.0197	0.0975	0.0301	0.0004	0.0056	32.3645	32.5955
A212	40.00	0.0465	0.0139	0.0867	0.0374	0.0003	0.0042	32.3645	32.5535
A212	50.00	0.0312	0.0103	0.0761	0.0374	0.0003	0.0037	32.3645	32.5235
A212	60.00	0.0226	0.0075	0.0669	0.0307	0.0002	0.0032	32.3645	32.4957
A212	70.00	0.0170	0.0056	0.0597	0.0215	0.0002	0.0028	32.3645	32.4713
A212	80.00	0.0132	0.0043	0.0544	0.0154	0.0002	0.0024	32.3645	32.4543
A215	20.00	0.1373	0.0576	0.1064	0.0257	0.0008	0.0079	32.3645	32.7004
A215	30.00	0.0903	0.0285	0.0969	0.0317	0.0005	0.0059	32.3645	32.6183
A215	40.00	0.0572	0.0189	0.0860	0.0386	0.0004	0.0046	32.3645	32.5703
A215	50.00	0.0372	0.0127	0.0754	0.0391	0.0003	0.0040	32.3645	32.5332
A215	60.00	0.0255	0.0084	0.0661	0.0321	0.0003	0.0035	32.3645	32.5004
A215	70.00	0.0183	0.0058	0.0589	0.0225	0.0002	0.0030	32.3645	32.4733
A215	80.00	0.0137	0.0043	0.0535	0.0163	0.0002	0.0026	32.3645	32.4552
A219	13.60	0.1577	0.0732	0.1128	0.0227	0.0020	0.0088	32.3645	32.7419
A219	20.00	0.1314	0.0521	0.1080	0.0244	0.0008	0.0078	32.3645	32.6891
A219	30.00	0.0908	0.0255	0.0982	0.0300	0.0005	0.0059	32.3645	32.6155
A219	40.00	0.0598	0.0168	0.0871	0.0364	0.0004	0.0045	32.3645	32.5696
A219	50.00	0.0396	0.0115	0.0762	0.0369	0.0003	0.0039	32.3645	32.5330
A219	60.00	0.0271	0.0078	0.0668	0.0303	0.0003	0.0033	32.3645	32.5002
A219	70.00	0.0193	0.0054	0.0595	0.0214	0.0003	0.0028	32.3645	32.4732
A219	80.00	0.0143	0.0039	0.0541	0.0156	0.0002	0.0024	32.3645	32.4551
A303	20.00	0.1459	0.0784	0.1024	0.0308	0.0009	0.0097	32.3645	32.7326
A303	30.00	0.0834	0.0436	0.0935	0.0384	0.0005	0.0066	32.3645	32.6306
A303	40.00	0.0496	0.0280	0.0832	0.0476	0.0004	0.0053	32.3645	32.5787
A303	50.00	0.0325	0.0183	0.0730	0.0483	0.0003	0.0046	32.3645	32.5416
A303	60.00	0.0229	0.0127	0.0641	0.0391	0.0003	0.0040	32.3645	32.5077
A303	70.00	0.0170	0.0094	0.0571	0.0268	0.0002	0.0034	32.3645	32.4785
A303	80.00	0.0129	0.0074	0.0518	0.0191	0.0002	0.0030	32.3645	32.4591
A307	20.00	0.1448	0.1088	0.1006	0.0342	0.0010	0.0116	32.3645	32.7655
A307	30.00	0.0778	0.0596	0.0920	0.0428	0.0005	0.0079	32.3645	32.6451
A307	40.00	0.0464	0.0362	0.0819	0.0537	0.0004	0.0064	32.3645	32.5896
A307	50.00	0.0311	0.0233	0.0720	0.0546	0.0003	0.0055	32.3645	32.5514
A307	60.00	0.0224	0.0160	0.0632	0.0438	0.0003	0.0047	32.3645	32.5150
A307	70.00	0.0168	0.0116	0.0562	0.0295	0.0003	0.0041	32.3645	32.4830
A307	80.00	0.0128	0.0088	0.0510	0.0209	0.0002	0.0036	32.3645	32.4619
A308	13.60	0.1634	0.3058	0.1060	0.0323	0.0041	0.0158	32.3645	32.9921
A308	20.00	0.1351	0.1560	0.1016	0.0345	0.0011	0.0126	32.3645	32.8055
A308	30.00	0.0919	0.0693	0.0928	0.0426	0.0006	0.0088	32.3645	32.6706
A308	40.00	0.0596	0.0351	0.0825	0.0530	0.0005	0.0072	32.3645	32.6024

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Annual RSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A308	50.00	0.0390	0.0195	0.0723	0.0545	0.0004	0.0062	32.3645	32.5565
A308	60.00	0.0264	0.0120	0.0634	0.0430	0.0004	0.0055	32.3645	32.5151
A308	70.00	0.0187	0.0080	0.0563	0.0287	0.0003	0.0048	32.3645	32.4814
A308	80.00	0.0138	0.0056	0.0510	0.0208	0.0003	0.0043	32.3645	32.4602
A310	20.00	0.1454	0.0506	0.1052	0.0262	0.0008	0.0081	32.3645	32.7009
A310	30.00	0.0839	0.0265	0.0960	0.0327	0.0004	0.0057	32.3645	32.6097
A310	40.00	0.0500	0.0183	0.0853	0.0403	0.0003	0.0044	32.3645	32.5632
A310	50.00	0.0326	0.0128	0.0749	0.0406	0.0003	0.0038	32.3645	32.5295
A310	60.00	0.0230	0.0089	0.0658	0.0332	0.0003	0.0034	32.3645	32.4992
A310	70.00	0.0171	0.0065	0.0586	0.0231	0.0002	0.0030	32.3645	32.4731
A310	80.00	0.0131	0.0050	0.0533	0.0166	0.0002	0.0026	32.3645	32.4554
A313	13.60	0.1603	0.0988	0.1107	0.0248	0.0026	0.0091	32.3645	32.7708
A313	20.00	0.1330	0.0645	0.1059	0.0267	0.0009	0.0080	32.3645	32.7035
A313	30.00	0.0912	0.0319	0.0965	0.0329	0.0005	0.0058	32.3645	32.6234
A313	40.00	0.0595	0.0208	0.0856	0.0402	0.0004	0.0046	32.3645	32.5757
A313	50.00	0.0391	0.0136	0.0749	0.0409	0.0004	0.0040	32.3645	32.5374
A313	60.00	0.0267	0.0089	0.0657	0.0333	0.0003	0.0035	32.3645	32.5029
A313	70.00	0.0190	0.0061						

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Maximum Hourly TSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A1	1.50	2.6148	989.1981	13.7640	0.0000	0.0000	0.0000	14.6120	1020.1890
A1	5.00	0.2408	0.1016	0.0000	0.1300	0.0000	0.1080	197.7190	198.2994
A1	10.00	0.1491	0.0577	0.0000	0.1010	0.0000	0.1240	197.7190	198.1507
A2	1.50	3.1524	631.7579	0.0050	0.0000	0.0000	0.0000	36.3190	671.2343
A2	5.00	0.4197	0.0085	0.0000	0.0000	0.0000	0.0240	192.6460	193.0981
A2	10.00	0.1785	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.8245
A3	1.50	0.0906	0.0000	0.0000	2.4840	0.0000	0.0210	197.7190	200.3146
A3	5.00	0.0889	0.0000	0.0000	2.5150	0.0000	0.0210	197.7190	200.3439
A3	10.00	0.0835	0.0000	0.0000	2.4660	0.0000	0.0130	197.7190	200.2815
A4	1.50	0.0000	0.0000	0.0000	1.8110	0.0000	0.0000	197.7190	199.5300
A4	5.00	0.0000	0.0000	0.0000	1.8410	0.0000	0.0000	197.7190	199.5600
A4	10.00	0.0000	0.0000	0.0000	1.7260	0.0000	0.0000	197.7190	199.4450
A5	1.50	2.2824	333.1576	0.0160	0.0000	0.0000	67.3780	22.5080	425.3420
A5	5.00	0.0516	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3686
A5	10.00	0.0462	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3632
A6	1.50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3170
A6	5.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3170
A6	10.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	193.3170	193.3170

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Maximum Hourly TSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A101	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A101	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A101	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A101	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A101	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A101	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A101	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A104	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A104	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A104	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A104	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A107	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A107	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A107	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A107	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A108	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A108	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A108	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A108	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A113	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A113	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A113	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A113	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A115	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A115	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A115	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A115	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	20.00	0.4980	19.7816	0.0010	0.9480	0.0180	1.2280	170.6630	193.1376
A118	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A118	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A118	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A118	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A125	20.00	0.0005	0.0000	0.0000	0.0010	0.0000	0.0000	194.6760	194.6775
A125	30.00	0.0004	0.0000	0.0000	0.0020	0.0000	0.0000	194.6760	194.6784
A125	40.00	0.0004	0.0000	0.0000	0.0050	0.0000	0.0000	194.6760	194.6814
A125	50.00	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6763
A125	60.00	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6762
A125	70.00	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6762
A125	80.00	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6761
A128	20.00	0.0008	0.0000	0.0000	0.0010	0.0000	0.0000	194.6760	194.6778
A128	30.00	0.0007	0.0000	0.0000	0.0020	0.0000	0.0000	194.6760	194.6787
A128	40.00	0.0006	0.0000	0.0000	0.0050	0.0000	0.0000	194.6760	194.6816
A128	50.00	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6765
A128	60.00	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6764
A128	70.00	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6763
A128	80.00	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	194.6760	194.6762
A131	20.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A131	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A131	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A131	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A135	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A135	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A135	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A135	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	20.00	0.5181	20.2777	0.0010	0.9810	0.0180	1.3260	170.6630	193.7848
A136	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A136	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A136	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A136	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	20.00	0.6134	19.1385	0.0010	1.0570	0.0160	1.5480</		

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Maximum Hourly TSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A139	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A139	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	20.00	0.4898	26.8760	0.0010	1.0560	0.0170	1.6450	170.6630	200.7478
A142	30.00	0.4589	19.4554	0.0010	1.0330	0.0150	1.7660	170.6630	193.3923
A142	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A142	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A142	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	20.00	0.0739	45.1699	0.0020	0.1410	0.0000	0.0040	154.9210	200.3118
A143	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A143	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A143	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A143	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	20.00	0.0914	43.7742	0.0020	0.1650	0.0000	0.0190	154.9210	198.9726
A146	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A146	40.00	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	192.6460	192.6500
A146	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A146	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	20.00	0.0989	45.6138	0.0020	0.1720	0.0000	0.0400	154.9210	200.8477
A149	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A149	40.00	0.0000	0.0000	0.0000	0.0040	0.0000	0.0000	192.6460	192.6500
A149	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A149	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A209	13.60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A209	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A209	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A209	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A209	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A209	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A209	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A209	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A211	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A211	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A211	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A211	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A211	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A211	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A211	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A212	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A212	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A212	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A212	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A212	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A212	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A212	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A215	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A215	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A215	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A215	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A215	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A215	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A215	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A219	13.60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A219	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A219	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A219	40.00	0.0000	0.0000	0.0000	0.0020	0.0000	0.0000	192.6460	192.6480
A219	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A219	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A219	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A219	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A303	20.00	0.2669	32.5136	0.0010	0.7540	0.0250	0.7540	170.6630	204.9775
A303	30.00	0.2540	26.1901	0.0010	0.7230	0.0240	0.7460	170.6630	198.6011
A303	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A303	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A303	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A303	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A303	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A307	20.00	0.3332	36.7224	0.0010	0.8820	0.0230	1.0920	170.6630	209.7166
A307	30.00	0.3154	24.9535	0.0010	0.8490	0.0210	1.1030	170.6630	197.9059
A307	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A307	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A307	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A307	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A307	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A308	13.60	0.1742	49.6384	0.0010	0.5550	0.0350	0.3930	170.6630	221.4596
A308	20.00	0.1704	32.2720	0.0010	0.5220	0.0370	0.3540	170.6630	204.0194
A308	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A308	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490

Appendix 3.9 Detailed Prediction of Construction Dust Impact (Stage 4) (Tier 1)

Maximum Hourly TSP Concentration (µg/m³)

ASR ID	Height	Vehicles	Dust from SHO & SHD Replanning Works	Airport	Industrial	Marine	Dust from Topside Development	Ambient Background	Total
A308	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A308	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A308	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A308	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A310	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A310	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A310	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A310	50.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A310	60.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A310	70.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A310	80.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A313	13.60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	192.6460	192.6460
A313	20.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A313	30.00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	192.6460	192.6470
A313	40.00	0.0000	0.0000	0.0000	0.0030	0.0000	0.0000	192.6460	192.6490
A313	50.00	0.0000	0						