

**Appendix 3.12 Detailed Prediction Result (Construction Phase, Kowloon, Mitigated)**

Kowloon, Year 2027

Highest Hourly TSP Concentration (µg/m<sup>3</sup>)

Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (KL)	Kowloon Portal	Vent Bldg (ST)	Nearby Chimneys	DHSR	Ambient Background	Total
A01	1.0	0.01	0.01	0.01	0.01	0.01	0.01	0.06	137.52	138.08
A01	5.0	0.00	0.42	0.01	0.02	0.00	0.00	0.04	137.52	138.01
A01	10.0	0.00	0.26	0.01	0.02	0.00	0.00	0.03	137.52	137.84
A01	20.0	0.00	0.04	0.01	0.02	0.00	0.00	0.00	137.52	137.58
A01	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A02	1.5	0.03	0.38	0.01	0.02	0.00	0.00	0.08	137.52	138.04
A02	5.0	0.01	0.26	0.01	0.02	0.00	0.00	0.06	137.52	137.97
A02	10.0	0.00	0.25	0.01	0.02	0.00	0.00	0.04	137.52	137.84
A02	20.0	0.00	0.07	0.01	0.02	0.00	0.00	0.01	137.52	137.63
A02	30.0	0.00	0.01	0.00	0.00	0.00	0.00	0.00	137.52	137.53
A03	1.5	52.79	5.61	1.07	1.09	0.00	0.00	0.16	85.96	146.69
A03	5.0	53.02	5.23	1.10	1.14	0.00	0.00	0.12	85.96	146.57
A03	10.0	48.80	4.13	1.15	1.18	0.00	0.00	0.08	85.96	141.38
A03	20.0	0.00	0.11	0.00	0.04	0.00	0.00	0.03	137.52	137.69
A03	30.0	0.00	0.02	0.00	0.00	0.00	0.00	0.00	137.52	137.54
A04	1.5	66.28	4.86	1.03	1.05	0.00	0.00	0.11	85.96	159.29
A04	5.0	63.83	4.85	1.08	1.09	0.00	0.00	0.09	85.96	156.90
A04	10.0	50.70	3.09	1.14	1.11	0.00	0.00	0.06	85.96	142.06
A04	20.0	0.00	0.45	0.03	0.03	0.00	0.00	0.00	137.52	138.03
A04	30.0	0.00	0.08	0.01	0.00	0.00	0.00	0.00	137.52	137.60
A05	1.5	2.58	1.48	0.08	0.12	0.00	0.00	0.04	137.52	141.82
A05	5.0	2.45	1.57	0.08	0.12	0.00	0.00	0.03	137.52	141.77
A05	10.0	1.42	1.08	0.09	0.12	0.00	0.00	0.02	137.52	140.24
A05	20.0	0.00	0.07	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A05	30.0	0.00	0.08	0.02	0.02	0.00	0.00	0.00	137.52	137.63
A06	1.5	2.31	1.34	0.12	0.17	0.00	0.00	0.03	137.52	141.50
A06	5.0	2.28	1.22	0.12	0.17	0.00	0.00	0.02	137.52	141.33
A06	10.0	1.93	0.64	0.12	0.18	0.00	0.00	0.03	137.52	140.40
A06	20.0	0.53	0.24	0.11	0.15	0.00	0.00	0.00	137.52	138.55
A06	30.0	0.05	0.07	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A07	1.5	2.56	1.22	0.14	0.20	0.00	0.00	0.04	137.52	141.68
A07	5.0	2.59	1.08	0.14	0.20	0.00	0.00	0.03	137.52	141.57
A07	10.0	2.37	0.58	0.14	0.21	0.00	0.00	0.02	137.52	140.84
A07	20.0	1.07	0.23	0.14	0.19	0.00	0.00	0.01	137.52	139.15
A07	30.0	0.07	0.07	0.08	0.08	0.00	0.00	0.00	137.52	137.82
A08	1.5	2.48	1.29	0.18	0.24	0.00	0.00	0.04	137.52	141.49
A08	5.0	2.48	0.89	0.16	0.21	0.00	0.00	0.03	137.52	141.29
A08	10.0	2.39	0.57	0.15	0.21	0.00	0.00	0.02	137.52	140.85
A08	20.0	1.65	0.23	0.16	0.21	0.00	0.00	0.01	137.52	139.77
A08	30.0	0.35	0.08	0.11	0.14	0.00	0.00	0.00	137.52	138.19
A09	1.5	2.42	1.05	0.18	0.24	0.00	0.00	0.04	137.52	141.46
A09	5.0	2.41	0.88	0.15	0.21	0.00	0.00	0.03	137.52	140.25
A09	10.0	2.35	0.45	0.17	0.24	0.00	0.00	0.02	137.52	140.75
A09	20.0	1.81	0.18	0.19	0.23	0.00	0.00	0.01	137.52	139.94
A09	30.0	0.70	0.07	0.13	0.16	0.00	0.00	0.00	137.52	138.58
A10	1.5	0.66	0.77	0.00	0.01	0.00	0.00	0.15	137.52	139.12
A10	5.0	0.32	0.44	0.00	0.00	0.00	0.00	0.11	137.52	138.22
A10	10.0	0.00	0.07	0.00	0.01	0.00	0.00	0.07	137.52	137.68
A10	20.0	0.00	0.00	0.00	0.01	0.00	0.00	0.01	137.52	137.54
A10	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A10	40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A10	50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A11	1.5	0.50	0.86	0.00	0.00	0.00	0.00	0.63	137.52	140.02
A11	5.0	0.00	0.40	0.00	0.01	0.00	0.00	5.66	137.52	143.59
A11	10.0	0.00	0.05	0.00	0.01	0.00	0.00	6.53	137.52	144.10
A11	20.0	0.00	0.00	0.00	0.00	0.00	0.00	3.60	137.52	141.12
A11	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.27	137.52	137.79
A12	1.5	0.00	0.71	0.01	0.02	0.00	0.00	0.06	137.52	138.31
A13	1.5	67.99	2.21	0.18	0.24	0.00	0.00	0.09	85.96	154.44
A14	1.5	0.00	0.00	0.01	0.02	0.00	0.00	0.01	137.52	137.55
A15	1.5	0.00	0.00	0.01	0.02	0.00	0.00	0.01	137.52	137.56
A16	1.5	0.00	0.00	0.00	0.01	0.00	0.00	0.01	137.52	137.54
A17	1.5	77.15	0.57	4.27	4.48	0.00	0.00	0.03	72.28	158.78
A18	1.5	68.33	0.22	0.44	0.44	0.00	0.00	0.03	85.96	155.00
A18	5.0	2.28	0.06	0.58	0.49	0.00	0.01	0.01	137.52	140.93
A18	10.0	0.21	0.03	0.51	0.19	0.00	0.00	0.01	137.52	138.45
A18	20.0	0.00	0.00	0.03	0.00	0.00	0.00	0.00	137.52	137.56
A18	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A18	40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A18	50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A19	1.5	0.64	0.66	0.05	0.05	0.00	0.00	0.02	137.52	138.93
A19	5.0	0.65	0.46	0.05	0.05	0.00	0.00	0.02	137.52	138.73
A19	10.0	0.65	0.10	0.05	0.05	0.00	0.00	0.01	137.52	138.37
A19	20.0	0.51	0.00	0.03	0.02	0.00	0.00	0.00	137.52	138.08
A19	30.0	0.22	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.74
A19	40.0	0.02	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.54
A19	50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.52	137.52
A20	1.5	0.97	0.70	0.07	0.07	0.00	0.00	0.01	138.74	140.56
A20	5.0	1.00	0.49	0.08	0.07	0.00	0.00	0.01	138.74	140.39
A20	10.0	0.67	0.00	0.00	0.00	0.00	0.00	0.00	138.74	138.95
A20	20.0	0.00	0.00	0.02	0.01	0.00	0.00	0.00	138.74	139.46
A20	30.0	0.14	0.00	0.00	0.00	0.00	0.00	0.00	138.74	138.89
A20	40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.74	138.75
A20	50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.74	138.74
A21	1.5	0.00	0.80	0.00	0.01	0.00	0.00	0.01	138.74	139.57
A21	5.0	0.58	0.00	0.03	0.03	0.00	0.00	0.01	138.74	139.04
A21	10.0	0.00	0.15	0.00	0.00	0.00	0.00	0.00	138.74	138.90
A21	20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.74	138.74
A21	30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.74	138.74
A21	40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.74	138.74
A22	1.5	1.72	0.39	0.13	0.14	0.00	0.00	0.03	138.74	141.15
A22	5.0	1.68	0.26	0.13	0.13	0.00	0.00	0.03	138.74	141.01
A22	10.0	1.58	0.28	0.12	0.13	0.00	0.00	0.03	138.74	140.88
A22	20.0	1.42	0.14	0.10	0.11	0.00	0.00	0.01	138.74	140.52
A22	30.0	1.29	0.05	0.11	0.11	0.00	0.00	0.00	138.74	140.32
A23	1.5	1.37	0.73	0.10	0.10	0.00	0.00	0.03	137.52	139.85
A23	5.0	1.34	0.61	0.10	0.10	0.00	0.00	0.03	137.52	139.69
A23	10.0	1.24	0.37	0.09	0.09	0.00	0.00	0.03	137.52	139.34
A23	20.0	1.07	0.11	0.07	0.08	0.00	0.00	0.01	137.52	138.86
A23	30.0	1.00	0.03	0.08	0.08	0.00	0.00	0.00	137.52	138.72
A24	1.5	1.74	1.33	0.14	0.15	0.00	0.00	0.03	138.74	142.13
A24	5.0	1.70	1.04	0.13	0.15	0.00	0.00	0.03	138.74	141.79
A24	10.0	1.58	0.61	0.13	0.12	0.00	0.00	0.03	138.74	141.24
A24	20.0	1.32	0.24	0.10	0.12	0.00	0.00	0.02	138.74	140.54
A24	30.0	1.25	0.09	0.09	0.11	0.00	0.00	0.01	138.74	140.29
A25	1.5	1.78	0.54	0.12	0.14	0.00	0.00	0.03	137.52	140.12
A25	5.0	1.74	0.50	0.12	0.13	0.00	0.00	0.03	137.52	140.04
A25	10.0	1.62	0.39	0.11	0.12	0.00	0.00	0.03	137.52	139.80
A25	20.0	1.43	0.17	0.11	0.11	0.00	0.00	0.01	137.52	139.33
A26	1.5	1.42	1.00	0.09	0.12	0.00	0.00	0.05	137.52	140.20
A26	5.0	1.45	0.88	0.09	0.12	0.00	0.00	0.03	137.52	140.10
A26	10.0	1.36	0.71	0.09	0.12	0.00	0.00	0.02	137.52	139.82
A26	20.0	0.75	0.37	0.10	0.12	0.00	0.00	0.01	137.52	138.85
A26	30.0	0.06	0.15	0.05	0.06	0.00	0.00	0.00	137.52	138.87
A27	1.5	0.06	0.32	0.						

**Appendix 3.12 Detailed Prediction Result (Construction Phase, Kowloon, Mitigated)**

Kowloon, Year 2027

10th Highest Daily RSP Concentration (ug/m3)

Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (KL)	Kowloon Portal	Vent Bldg (ST)	Nearby Chimneys	DHSR	Ambient Background	Total
A01	1.5	0.35	0.21	0.03	0.04	0.00	0.00	0.32	62.18	63.90
A01	5.0	0.23	0.21	0.03	0.04	0.00	0.00	0.30	62.18	63.70
A01	10.0	0.28	0.62	0.03	0.04	0.00	0.00	0.25	62.18	63.41
A01	20.0	0.20	0.27	0.02	0.04	0.00	0.00	0.11	62.18	62.82
A01	30.0	0.16	0.10	0.01	0.01	0.00	0.00	0.05	62.18	62.51
A02	1.5	0.35	0.78	0.03	0.04	0.00	0.00	0.40	62.18	63.78
A02	5.0	0.34	0.73	0.03	0.04	0.00	0.00	0.38	62.18	63.70
A02	10.0	0.40	0.40	0.03	0.04	0.00	0.00	0.34	62.18	63.47
A02	20.0	0.22	0.32	0.03	0.04	0.00	0.00	0.15	62.18	62.94
A02	30.0	0.17	0.14	0.02	0.02	0.00	0.00	0.06	62.18	62.58
A03	1.5	0.56	1.02	0.05	0.06	0.00	0.00	1.02	62.18	64.24
A03	5.0	0.56	0.96	0.05	0.06	0.00	0.00	0.34	62.18	64.15
A03	10.0	0.45	0.79	0.05	0.07	0.00	0.00	0.28	62.18	63.81
A03	20.0	0.23	0.24	0.02	0.02	0.00	0.00	0.12	62.18	63.06
A03	30.0	0.15	0.20	0.02	0.02	0.00	0.00	0.06	62.18	62.63
A04	1.5	0.05	0.63	0.02	0.04	0.00	0.00	0.53	63.23	64.50
A04	5.0	0.04	0.62	0.02	0.04	0.00	0.00	0.48	63.23	64.43
A04	10.0	2.00	1.58	0.10	0.11	0.00	0.00	0.04	60.32	64.16
A04	20.0	0.27	0.55	0.06	0.07	0.00	0.00	0.09	62.18	63.22
A04	30.0	0.23	0.33	0.03	0.03	0.00	0.00	0.04	62.18	62.67
A05	1.5	0.15	0.77	0.02	0.03	0.00	0.00	0.49	63.23	64.70
A05	5.0	0.14	0.80	0.02	0.03	0.00	0.00	0.46	63.23	64.69
A05	10.0	0.09	0.73	0.02	0.04	0.00	0.00	0.39	63.23	64.49
A05	20.0	0.50	0.55	0.08	0.11	0.00	0.00	0.10	62.18	63.52
A05	30.0	0.23	0.25	0.05	0.04	0.00	0.00	0.04	62.18	62.79
A06	1.5	0.34	1.11	0.02	0.03	0.00	0.00	0.46	63.23	65.19
A06	5.0	0.23	1.17	0.02	0.03	0.00	0.00	0.23	63.23	64.44
A06	10.0	2.52	1.27	0.13	0.16	0.00	0.00	0.03	60.32	64.44
A06	20.0	0.00	0.28	0.01	0.02	0.00	0.00	0.09	63.41	63.81
A06	30.0	0.36	0.26	0.07	0.07	0.00	0.00	0.04	62.18	62.97
A07	1.5	2.42	2.03	0.13	0.17	0.00	0.00	0.04	60.32	65.12
A07	5.0	2.47	1.91	0.13	0.17	0.00	0.00	0.04	60.32	65.05
A07	10.0	0.07	0.50	0.02	0.02	0.00	0.00	0.22	63.41	64.24
A07	20.0	0.00	0.30	0.01	0.02	0.00	0.00	0.10	63.41	63.84
A07	30.0	0.47	0.26	0.08	0.09	0.00	0.00	0.03	62.18	63.11
A08	1.5	2.07	1.62	0.14	0.17	0.00	0.00	0.05	60.32	64.37
A08	5.0	0.08	0.51	0.01	0.02	0.00	0.00	0.27	63.41	64.30
A08	10.0	0.07	0.43	0.01	0.02	0.00	0.00	0.23	63.41	64.18
A08	20.0	0.01	0.29	0.01	0.01	0.00	0.00	0.11	63.41	63.86
A08	30.0	0.66	0.26	0.09	0.11	0.00	0.00	0.08	62.18	63.34
A09	1.5	0.18	1.14	0.01	0.02	0.00	0.00	0.30	63.41	65.07
A09	5.0	0.18	1.14	0.01	0.02	0.00	0.00	0.29	63.41	65.05
A09	10.0	0.17	0.85	0.01	0.02	0.00	0.00	0.24	63.41	64.70
A09	20.0	0.05	0.42	0.01	0.02	0.00	0.00	0.12	63.41	64.04
A09	30.0	0.10	0.43	0.01	0.02	0.00	0.00	0.13	62.18	63.46
A10	1.5	0.81	1.51	0.01	0.02	0.00	0.00	0.51	62.18	65.03
A10	5.0	0.42	1.00	0.01	0.02	0.00	0.00	0.48	62.18	64.80
A10	10.0	0.17	0.34	0.01	0.02	0.00	0.00	0.43	62.18	63.15
A10	20.0	0.06	0.06	0.01	0.02	0.00	0.00	0.20	62.18	62.53
A10	30.0	0.04	0.03	0.01	0.01	0.00	0.00	0.09	62.18	62.35
A10	40.0	0.03	0.02	0.01	0.01	0.00	0.00	0.05	62.18	62.31
A10	50.0	0.01	0.01	0.00	0.01	0.00	0.00	0.06	62.18	62.29
A11	1.5	0.00	2.05	0.01	0.02	0.00	0.00	0.57	63.41	66.06
A11	5.0	0.00	1.66	0.01	0.02	0.00	0.00	0.53	63.41	65.63
A11	10.0	0.03	0.33	0.01	0.01	0.00	0.00	2.21	62.18	64.77
A11	20.0	0.02	0.08	0.01	0.01	0.00	0.00	1.40	62.18	63.69
A11	30.0	0.01	0.04	0.01	0.01	0.00	0.00	0.52	62.18	63.77
A12	1.5	0.29	1.24	0.03	0.04	0.00	0.00	0.22	61.5	64.00
A13	1.5	3.02	1.35	0.13	0.20	0.00	0.00	0.15	62.18	67.03
A14	1.5	0.00	0.01	0.01	0.02	0.00	0.00	0.06	62.18	62.28
A15	1.5	0.07	0.01	0.05	0.08	0.00	0.00	0.01	62.18	62.40
A16	1.5	0.01	0.00	0.03	0.03	0.00	0.00	0.01	62.18	62.25
A17	1.5	4.47	0.40	0.22	0.47	0.00	0.00	0.32	63.23	69.19
A18	1.5	2.03	0.54	0.16	0.41	0.00	0.00	0.54	63.23	66.60
A18	5.0	1.14	0.49	0.02	0.04	0.00	0.00	0.54	63.41	65.64
A18	10.0	1.41	0.06	0.37	0.28	0.00	0.00	0.01	62.18	64.31
A18	20.0	0.48	0.02	0.12	0.12	0.00	0.00	0.01	62.18	62.93
A18	30.0	0.22	0.01	0.07	0.07	0.00	0.00	0.01	62.18	62.55
A18	40.0	0.12	0.00	0.05	0.05	0.00	0.00	0.00	62.18	62.39
A18	50.0	0.07	0.00	0.03	0.03	0.00	0.00	0.00	62.18	62.31
A18	60.0	0.04	0.00	0.02	0.01	0.00	0.00	0.00	62.18	62.26
A19	1.5	1.00	1.37	0.06	0.06	0.00	0.00	0.03	62.18	64.69
A19	5.0	1.01	1.08	0.06	0.06	0.00	0.00	0.02	62.18	64.41
A19	10.0	0.98	0.48	0.06	0.06	0.00	0.00	0.02	62.18	63.77
A19	20.0	0.73	0.13	0.03	0.05	0.00	0.00	0.01	62.18	63.14
A19	30.0	0.45	0.08	0.01	0.01	0.00	0.00	0.01	62.18	62.77
A19	40.0	0.29	0.05	0.02	0.02	0.00	0.00	0.00	62.18	62.56
A19	50.0	0.23	0.04	0.02	0.02	0.00	0.00	0.00	62.18	62.48
A20	1.5	0.69	1.17	0.05	0.05	0.00	0.00	0.02	62.64	64.62
A20	5.0	0.69	0.91	0.05	0.05	0.00	0.00	0.02	62.64	64.35
A20	10.0	0.63	0.40	0.05	0.05	0.00	0.00	0.01	62.64	63.78
A20	20.0	0.03	0.08	0.01	0.01	0.00	0.00	0.01	62.64	63.22
A20	30.0	0.25	0.08	0.02	0.02	0.00	0.00	0.00	62.64	63.01
A20	40.0	0.21	0.05	0.01	0.01	0.00	0.00	0.00	62.64	62.93
A20	50.0	0.18	0.04	0.01	0.01	0.00	0.00	0.00	62.64	62.89
A21	1.5	0.42	1.16	0.03	0.03	0.00	0.00	0.01	62.64	64.28
A21	5.0	0.39	0.95	0.03	0.03	0.00	0.00	0.00	62.64	64.04
A21	10.0	0.27	0.38	0.02	0.03	0.00	0.00	0.00	62.64	63.37
A21	20.0	0.14	0.09	0.01	0.01	0.00	0.00	0.00	62.64	62.89
A21	30.0	0.10	0.05	0.01	0.01	0.00	0.00	0.00	62.64	62.80
A21	40.0	0.09	0.04	0.01	0.01	0.00	0.00	0.00	62.64	62.78
A22	1.5	0.78	1.01	0.05	0.05	0.00	0.00	0.00	62.64	64.62
A22	5.0	0.77	0.78	0.05	0.05	0.00	0.00	0.00	62.64	64.38
A22	10.0	0.54	0.54	0.05	0.05	0.00	0.00	0.00	62.64	64.09
A22	20.0	0.24	0.32	0.04	0.04	0.00	0.00	0.08	62.64	63.75
A22	30.0	0.18	0.29	0.01	0.02	0.00	0.00	0.09	62.94	63.53
A23	1.5	0.12	0.54	0.01	0.02	0.00	0.00	0.21	63.41	64.31
A23	5.0	0.12	0.53	0.01	0.02	0.00	0.00	0.22	63.41	64.30
A23	10.0	0.99	0.68	0.06	0.06	0.00	0.00	0.10	62.18	64.07
A23	20.0	0.87	0.37	0.05	0.06	0.00	0.00	0.07	62.18	63.61
A23	30.0	0.62	0.08	0.02	0.04	0.00	0.00	0.04	62.18	63.37
A24	1.5	0.16	1.19	0.01	0.01	0.00	0.00	0.25	62.94	64.56
A24	5.0	0.15	0.88	0.01	0.01	0.00	0.00	0.25	62.94	64.25
A24	10.0	0.15	0.51	0.01	0.01	0.00	0.00	0.26	62.94	63.88
A24	20.0	0.13	0.29	0.01	0.01	0.00	0.00	0.25	62.94	63.63
A24	30.0	0.15	0.28	0.01	0.02	0.00	0.00	0.15	62.80	63.42
A25	1.5	0.07	0.35	0.01	0.02	0.00	0.00	0.20	63.41	64.10
A25	5.0	0.07	0.39	0.01	0.02	0.00	0.00	0.21	63.41	64.09
A25	10.0	0.06	0.36	0.01	0.02	0.00	0.00	0.20	63.41	64.06
A25	20.0	0.98	0.42	0.06	0.07	0.00	0.00	0.10	62.18	63.82
A26	1.5	0.00	0.39	0.01	0.02	0.00	0.00	0.21	63.41	64.04
A26	5.0	0.00	0.28	0.01	0.02	0.00	0.00	0.19	63.41	63.91
A26	10.0	0.43	0.23	0.01	0.01	0.00	0.00	0.18	63.41	63.83
A26	20.0	0.00	0.17	0.01	0.02	0.00	0.00	0.01	63.41	63.69
A26	30.0	0.35	0.30	0.06	0.07	0.00	0.00	0.05	62.18	63.01
A27	1.5	0.30	0.70	0.03	0.04	0.00	0.00	0.42	62.18	63.67
A27	5.0	0.29	0.66	0.03	0.04	0.00	0.			

**Appendix 3.12 Detailed Prediction Result (Construction Phase, Kowloon, Mitigated)**

Kowloon Year 2027

Annual RSP Concentration (µg/m³)											
Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (KL)	Kowloon Portal	Vent Bldg (ST)	Nearby Chimneys	DHSR	Ambient Background	Total	
A01	1.5	0.27	0.75	0.02	0.04	0.00	0.00	0.29	26.36	27.73	
A01	5.0	0.26	0.71	0.02	0.04	0.00	0.00	0.27	26.36	27.66	
A01	10.0	0.22	0.57	0.02	0.04	0.00	0.00	0.23	26.36	27.45	
A01	20.0	0.09	0.33	0.02	0.04	0.00	0.00	0.12	26.36	26.95	
A01	30.0	0.04	0.19	0.01	0.01	0.00	0.00	0.07	26.36	26.68	
A02	1.5	0.17	0.59	0.02	0.03	0.00	0.00	0.27	26.36	27.44	
A02	5.0	0.16	0.55	0.02	0.03	0.00	0.00	0.25	26.36	27.38	
A02	10.0	0.14	0.47	0.02	0.03	0.00	0.00	0.22	26.36	27.25	
A02	20.0	0.09	0.30	0.02	0.03	0.00	0.00	0.12	26.36	26.93	
A02	30.0	0.05	0.18	0.01	0.01	0.00	0.00	0.06	26.36	26.68	
A03	1.5	0.26	0.56	0.02	0.03	0.00	0.00	0.21	26.36	27.44	
A03	5.0	0.25	0.53	0.02	0.04	0.00	0.00	0.19	26.36	27.39	
A03	10.0	0.21	0.44	0.02	0.04	0.00	0.00	0.16	26.36	27.23	
A03	20.0	0.10	0.29	0.02	0.03	0.00	0.00	0.09	26.36	26.89	
A03	30.0	0.05	0.18	0.01	0.01	0.00	0.00	0.04	26.36	26.66	
A04	1.5	0.53	0.65	0.03	0.04	0.00	0.00	0.18	26.36	27.79	
A04	5.0	0.46	0.66	0.03	0.04	0.00	0.00	0.16	26.36	27.71	
A04	10.0	0.29	0.53	0.03	0.04	0.00	0.00	0.13	26.36	27.38	
A04	20.0	0.12	0.31	0.02	0.03	0.00	0.00	0.07	26.36	26.90	
A04	30.0	0.06	0.19	0.01	0.01	0.00	0.00	0.04	26.36	26.66	
A05	1.5	0.54	0.67	0.03	0.04	0.00	0.00	0.17	26.36	27.81	
A05	5.0	0.53	0.68	0.03	0.04	0.00	0.00	0.16	26.36	27.80	
A05	10.0	0.42	0.54	0.03	0.04	0.00	0.00	0.13	26.36	27.52	
A05	20.0	0.18	0.31	0.02	0.03	0.00	0.00	0.07	26.36	26.98	
A05	30.0	0.09	0.19	0.01	0.01	0.00	0.00	0.04	26.36	26.69	
A06	1.5	0.50	0.74	0.03	0.04	0.00	0.00	0.15	26.36	27.82	
A06	5.0	0.50	0.74	0.03	0.04	0.00	0.00	0.14	26.36	27.81	
A06	10.0	0.45	0.56	0.03	0.04	0.00	0.00	0.12	26.36	27.56	
A06	20.0	0.23	0.32	0.02	0.04	0.00	0.00	0.07	26.36	27.05	
A06	30.0	0.11	0.19	0.01	0.04	0.00	0.00	0.04	26.36	26.73	
A07	1.5	0.47	0.79	0.03	0.04	0.00	0.00	0.15	26.36	27.84	
A07	5.0	0.48	0.78	0.03	0.04	0.00	0.00	0.14	26.36	27.83	
A07	10.0	0.45	0.57	0.03	0.04	0.00	0.00	0.12	26.36	27.57	
A07	20.0	0.27	0.32	0.03	0.04	0.00	0.00	0.07	26.36	27.09	
A07	30.0	0.13	0.19	0.02	0.02	0.00	0.00	0.04	26.36	26.75	
A08	1.5	0.40	0.44	0.03	0.14	0.00	0.00	0.14	26.36	27.67	
A08	5.0	0.41	0.64	0.03	0.04	0.00	0.00	0.13	26.36	27.60	
A08	10.0	0.40	0.50	0.03	0.04	0.00	0.00	0.12	26.36	27.45	
A08	20.0	0.30	0.31	0.03	0.04	0.00	0.00	0.08	26.36	27.10	
A08	30.0	0.16	0.19	0.02	0.02	0.00	0.00	0.04	26.36	26.78	
A09	1.5	0.43	1.00	0.03	0.04	0.00	0.00	0.14	26.36	27.99	
A09	5.0	0.44	0.94	0.03	0.04	0.00	0.00	0.13	26.36	27.94	
A09	10.0	0.43	0.65	0.03	0.04	0.00	0.00	0.12	26.36	27.62	
A09	20.0	0.33	0.35	0.03	0.04	0.00	0.00	0.08	26.36	27.18	
A09	30.0	0.19	0.20	0.02	0.02	0.00	0.00	0.04	26.36	26.82	
A10	1.5	0.34	1.24	0.02	0.03	0.00	0.00	0.08	26.36	28.56	
A10	5.0	0.34	1.08	0.02	0.03	0.00	0.00	0.07	26.36	28.48	
A10	10.0	0.14	0.62	0.02	0.03	0.00	0.00	0.04	26.36	27.65	
A10	20.0	0.07	0.31	0.02	0.03	0.00	0.00	0.02	26.36	27.05	
A10	30.0	0.04	0.18	0.01	0.01	0.00	0.00	0.12	26.36	26.72	
A10	40.0	0.02	0.12	0.00	0.01	0.00	0.00	0.08	26.36	26.59	
A10	50.0	0.01	0.00	0.00	0.00	0.00	0.00	0.06	26.36	26.51	
A11	1.5	0.26	1.26	0.01	0.04	0.00	0.00	0.04	26.36	28.63	
A11	5.0	0.04	0.93	0.01	0.02	0.00	0.00	0.90	26.36	28.26	
A11	10.0	0.04	0.55	0.01	0.02	0.00	0.00	0.85	26.36	27.82	
A11	20.0	0.03	0.26	0.01	0.02	0.00	0.00	0.47	26.36	27.15	
A11	30.0	0.02	0.16	0.01	0.02	0.00	0.00	0.16	26.36	26.72	
A12	1.5	0.38	1.03	0.03	0.04	0.00	0.00	0.05	26.36	28.18	
A12	5.0	0.38	1.32	0.04	0.04	0.00	0.00	0.19	26.36	29.83	
A13	1.5	0.15	0.33	0.02	0.04	0.00	0.00	0.65	26.36	27.53	
A13	5.0	0.15	0.33	0.02	0.04	0.00	0.00	0.65	26.36	27.53	
A13	10.0	0.12	0.23	0.02	0.04	0.00	0.00	0.21	26.36	27.54	
A13	20.0	0.07	0.18	0.01	0.01	0.00	0.00	0.13	26.36	27.38	
A13	30.0	0.04	0.10	0.01	0.01	0.00	0.00	0.08	26.36	27.10	
A13	40.0	0.02	0.06	0.00	0.00	0.00	0.00	0.06	26.36	26.82	
A13	50.0	0.01	0.04	0.00	0.00	0.00	0.00	0.04	26.36	26.66	
A14	1.5	0.42	0.36	0.05	0.14	0.00	0.00	0.21	26.36	27.54	
A14	5.0	0.43	0.23	0.09	0.15	0.00	0.00	0.13	26.36	27.38	
A14	10.0	0.27	0.47	0.10	0.18	0.00	0.00	0.13	26.36	27.62	
A14	20.0	0.17	0.30	0.09	0.17	0.00	0.00	0.10	26.36	27.33	
A14	30.0	0.10	0.18	0.05	0.11	0.00	0.00	0.07	26.36	27.04	
A14	40.0	0.06	0.11	0.03	0.07	0.00	0.00	0.05	26.36	26.82	
A14	50.0	0.04	0.07	0.02	0.04	0.00	0.00	0.04	26.36	26.66	
A15	1.5	0.28	0.43	0.03	0.13	0.00	0.00	0.14	26.36	27.64	
A15	5.0	0.28	0.43	0.03	0.13	0.00	0.00	0.14	26.36	27.64	
A15	10.0	0.27	0.32	0.07	0.08	0.00	0.00	0.12	26.36	27.62	
A15	20.0	0.25	0.19	0.03	0.03	0.00	0.00	0.07	26.36	26.92	
A15	30.0	0.11	0.12	0.02	0.02	0.00	0.00	0.04	26.36	26.66	
A15	40.0	0.06	0.08	0.01	0.01	0.00	0.00	0.03	26.36	26.55	
A15	50.0	0.04	0.05	0.01	0.01	0.00	0.00	0.03	26.36	26.51	
A16	1.5	0.43	0.59	0.03	0.04	0.00	0.00	0.03	26.36	28.49	
A16	5.0	0.43	0.59	0.03	0.04	0.00	0.00	0.03	26.36	28.49	
A16	10.0	0.42	0.43	0.03	0.04	0.00	0.00	0.02	26.36	28.45	
A16	20.0	0.25	0.19	0.03	0.03	0.00	0.00	0.02	26.36	28.00	
A16	30.0	0.11	0.12	0.02	0.02	0.00	0.00	0.04	26.36	26.66	
A16	40.0	0.06	0.08	0.01	0.01	0.00	0.00	0.03	26.36	26.55	
A16	50.0	0.04	0.05	0.01	0.01	0.00	0.00	0.03	26.36	26.51	
A17	1.5	0.28	0.43	0.03	0.13	0.00	0.00	0.14	26.36	27.64	
A17	5.0	0.28	0.43	0.03	0.13	0.00	0.00	0.14	26.36	27.64	
A17	10.0	0.27	0.32	0.07	0.08	0.00	0.00	0.12	26.36	27.62	
A17	20.0	0.25	0.19	0.03	0.03	0.00	0.00	0.07	26.36	26.92	
A17	30.0	0.11	0.12	0.02	0.02	0.00	0.00	0.04	26.36	26.66	
A17	40.0	0.06	0.08	0.01	0.01	0.00	0.00	0.03	26.36	26.55	
A17	50.0	0.04	0.05	0.01	0.01	0.00	0.00	0.03	26.36	26.51	
A18	1.5	0.40	0.13	0.03	0.04	0.00	0.00	0.02	26.36	26.45	
A18	5.0	0.40	0.13	0.03	0.04	0.00	0.00	0.02	26.36	26.45	
A18	10.0	0.40	0.13	0.03	0.04	0.00	0.00	0.02	26.36	26.45	
A18	20.0	0.29	0.40	0.02	0.03	0.00	0.00	0.07	26.36	27.16	
A18	30.0	0.15	0.24	0.01	0.04	0.00	0.00	0.04	26.36	26.82	
A18	40.0	0.10	0.15	0.01	0.01	0.00	0.00	0.02	26.36	26.65	
A18	50.0	0.08	0.10	0.00	0.00	0.00	0.00	0.02	26.36	26.57	
A19	1.5	0.39	0.98	0.03	0.03	0.00	0.00	0.11	26.36	27.97	
A19	5.0	0.39	0.87	0.03	0.04	0.00	0.00	0.11	26.36	27.85	
A19	10.0	0.39	0.69	0.03	0.04	0.00	0.00	0.09	26.36	27.66	
A19	20.0	0.29	0.35	0.02	0.02	0.00	0.00	0.05	26.36	27.06	
A19	30.0	0.11	0.21	0.01	0.01	0.00	0.00	0.03	26.36	26.79	
A19	40.0	0.08	0.13	0.01	0.01	0.00	0.00	0.02	26.36	26.67	
A19	50.0	0.07	0.09	0.00	0.00	0.00	0.00	0.02	26.36	26.61	
A20	1.5	0.24	0.90	0.02	0.03	0.00	0.00	0.07	26.36	27.68	
A20	5.0	0.24	0.90	0.02	0.03	0.00	0.00	0.07	26.36	27.68	
A20	10.0	0.23	0.73	0.02	0.03	0.00	0.00	0.07	26.36	27.40	
A20	20.0	0.15	0.44	0.01	0.04	0.00	0.00	0.04	26.36	27.24	
A20	30.0	0.11	0.21	0.01							

**Appendix 3.12 Detailed Prediction Result (Construction Phase, Kowloon, Mitigated)**

Kowloon, Year 2027

19th Highest Daily FSP Concentration (µg/m³)										
Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (KL)	Kowloon Portal	Vent Bldg (ST)	Nearby Chimneys	DHSR	Ambient Background	Total
A01	1.5	0.01	0.71	0.02	0.03	0.00	0.00	0.05	30.21	31.04
A01	5.0	0.01	0.49	0.02	0.03	0.00	0.00	0.05	30.21	30.44
A01	10.0	0.01	0.58	0.02	0.03	0.00	0.00	0.04	30.21	30.89
A01	20.0	0.00	0.36	0.01	0.03	0.00	0.00	0.02	30.21	30.64
A01	30.0	0.00	0.21	0.01	0.01	0.00	0.00	0.01	30.21	30.46
A02	1.5	0.01	0.62	0.02	0.03	0.00	0.00	0.05	30.21	30.93
A02	5.0	0.01	0.59	0.02	0.03	0.00	0.00	0.04	30.21	30.89
A02	10.0	0.01	0.51	0.02	0.03	0.00	0.00	0.04	30.21	30.81
A02	20.0	0.00	0.35	0.02	0.03	0.00	0.00	0.02	30.21	30.63
A02	30.0	0.00	0.22	0.01	0.01	0.00	0.00	0.01	30.21	30.47
A03	1.5	0.04	0.81	0.03	0.04	0.00	0.00	0.14	29.96	31.02
A03	5.0	0.04	0.78	0.03	0.04	0.00	0.00	0.13	29.96	30.97
A03	10.0	0.03	0.67	0.02	0.04	0.00	0.00	0.11	29.96	30.82
A03	20.0	0.01	0.35	0.01	0.03	0.00	0.00	0.01	30.21	30.63
A03	30.0	0.00	0.23	0.01	0.01	0.00	0.00	0.01	30.21	30.48
A04	1.5	0.19	1.15	0.04	0.06	0.00	0.00	0.12	29.96	31.51
A04	5.0	0.14	1.19	0.04	0.06	0.00	0.00	0.11	29.96	31.50
A04	10.0	0.06	0.95	0.04	0.06	0.00	0.00	0.09	29.96	31.16
A04	20.0	0.02	0.38	0.02	0.02	0.00	0.00	0.01	30.21	30.67
A04	30.0	0.01	0.24	0.01	0.02	0.00	0.00	0.01	30.50	30.50
A05	1.5	0.23	1.31	0.05	0.07	0.00	0.00	0.12	29.96	31.73
A05	5.0	0.23	1.36	0.05	0.07	0.00	0.00	0.11	29.96	31.77
A05	10.0	0.15	1.06	0.05	0.07	0.00	0.00	0.09	29.96	31.37
A05	20.0	0.04	0.39	0.02	0.04	0.00	0.00	0.01	30.21	30.72
A05	30.0	0.02	0.24	0.02	0.02	0.00	0.00	0.01	30.21	30.52
A06	1.5	0.27	1.53	0.06	0.09	0.00	0.00	0.10	29.96	32.01
A06	5.0	0.27	1.54	0.06	0.09	0.00	0.00	0.10	29.96	32.01
A06	10.0	0.22	1.11	0.06	0.09	0.00	0.00	0.08	29.96	31.52
A06	20.0	0.08	0.58	0.06	0.08	0.00	0.00	0.03	29.96	30.79
A06	30.0	0.04	0.25	0.02	0.03	0.00	0.00	0.01	30.21	30.55
A07	1.5	0.28	1.73	0.07	0.10	0.00	0.00	0.09	29.96	32.23
A07	5.0	0.28	1.72	0.07	0.10	0.00	0.00	0.09	29.96	32.22
A07	10.0	0.25	1.19	0.07	0.08	0.00	0.00	0.08	31.44	31.44
A07	20.0	0.12	0.61	0.06	0.09	0.00	0.00	0.03	29.96	30.87
A07	30.0	0.05	0.26	0.02	0.03	0.00	0.00	0.01	30.21	30.57
A08	1.5	0.25	1.49	0.07	0.10	0.00	0.00	0.09	29.96	31.96
A08	5.0	0.25	1.34	0.07	0.10	0.00	0.00	0.09	29.96	31.80
A08	10.0	0.24	1.02	0.07	0.10	0.00	0.00	0.08	29.96	31.46
A08	20.0	0.15	0.58	0.07	0.08	0.00	0.00	0.04	29.96	30.89
A08	30.0	0.05	0.26	0.02	0.03	0.00	0.00	0.01	30.21	30.58
A09	1.5	0.28	1.87	0.08	0.11	0.00	0.00	0.07	29.96	32.36
A09	5.0	0.28	1.69	0.08	0.11	0.00	0.00	0.07	29.96	32.17
A09	10.0	0.27	1.02	0.07	0.11	0.00	0.00	0.06	29.96	31.48
A09	20.0	0.12	0.46	0.05	0.07	0.00	0.00	0.02	30.21	30.93
A09	30.0	0.03	0.27	0.03	0.03	0.00	0.00	0.01	30.21	30.63
A10	1.5	0.08	1.60	0.01	0.02	0.00	0.00	0.11	30.21	32.03
A10	5.0	0.05	1.21	0.01	0.02	0.00	0.00	0.10	30.21	31.61
A10	10.0	0.02	0.66	0.01	0.02	0.00	0.00	0.09	30.21	31.01
A10	20.0	0.00	0.28	0.01	0.02	0.00	0.00	0.05	30.21	30.58
A10	30.0	0.00	0.17	0.00	0.01	0.00	0.00	0.02	30.21	30.41
A10	40.0	0.00	0.11	0.00	0.01	0.00	0.00	0.01	30.21	30.34
A10	50.0	0.00	0.08	0.00	0.00	0.00	0.00	0.01	30.21	30.30
A11	1.5	0.00	1.92	0.00	0.01	0.00	0.00	0.52	29.96	32.41
A11	5.0	0.00	1.26	0.01	0.01	0.00	0.00	0.28	30.21	31.77
A11	10.0	0.00	0.67	0.01	0.01	0.00	0.00	0.25	30.21	31.15
A11	20.0	0.00	0.29	0.01	0.01	0.00	0.00	0.16	30.21	30.68
A11	30.0	0.01	0.17	0.01	0.01	0.00	0.00	0.07	30.21	30.44
A12	1.5	0.02	1.04	0.02	0.04	0.00	0.00	0.15	30.21	31.40
A13	1.5	0.46	1.45	0.06	0.12	0.00	0.00	0.06	29.96	32.11
A14	1.5	0.00	0.11	0.01	0.03	0.00	0.00	0.08	30.21	30.45
A15	1.5	0.00	0.10	0.03	0.03	0.00	0.00	0.10	30.21	30.44
A16	1.5	0.00	0.05	0.02	0.03	0.00	0.00	0.01	30.21	30.33
A17	1.5	1.36	0.16	0.02	0.03	0.00	0.00	0.29	29.96	32.29
A18	1.5	0.51	0.39	0.24	0.04	0.00	0.00	0.04	30.21	31.71
A18	5.0	0.34	0.31	0.22	0.29	0.00	0.00	0.03	30.21	31.40
A18	10.0	0.18	0.23	0.19	0.17	0.00	0.00	0.03	30.21	31.00
A18	20.0	0.06	0.13	0.07	0.07	0.00	0.00	0.02	30.21	30.57
A18	30.0	0.02	0.09	0.04	0.04	0.00	0.00	0.01	30.21	30.42
A18	40.0	0.01	0.06	0.03	0.02	0.00	0.00	0.01	30.21	30.35
A18	50.0	0.01	0.03	0.01	0.01	0.00	0.00	0.01	30.21	30.27
A19	1.5	0.17	1.50	0.07	0.07	0.00	0.00	0.03	30.21	32.06
A19	5.0	0.17	1.32	0.07	0.08	0.00	0.00	0.03	30.21	31.88
A19	10.0	0.17	0.89	0.07	0.08	0.00	0.00	0.02	30.21	31.45
A19	20.0	0.12	0.48	0.06	0.07	0.00	0.00	0.01	30.21	30.96
A19	30.0	0.03	0.21	0.03	0.03	0.00	0.00	0.01	30.21	30.65
A19	40.0	0.03	0.21	0.01	0.01	0.00	0.00	0.00	30.21	30.48
A19	50.0	0.03	0.15	0.01	0.01	0.00	0.00	0.00	30.21	30.40
A20	1.5	0.23	1.37	0.09	0.12	0.00	0.00	0.01	30.25	32.05
A20	5.0	0.22	1.12	0.09	0.12	0.00	0.00	0.00	30.25	31.80
A20	10.0	0.13	0.69	0.07	0.06	0.00	0.00	0.01	30.36	31.33
A20	20.0	0.04	0.34	0.02	0.02	0.00	0.00	0.01	30.36	30.81
A20	30.0	0.03	0.21	0.02	0.03	0.00	0.00	0.00	30.36	30.65
A20	40.0	0.02	0.14	0.01	0.01	0.00	0.00	0.00	30.36	30.54
A20	50.0	0.02	0.10	0.01	0.01	0.00	0.00	0.00	30.36	30.49
A21	1.5	0.19	1.26	0.10	0.10	0.00	0.00	0.00	30.25	31.89
A21	5.0	0.18	1.07	0.10	0.12	0.00	0.00	0.00	30.25	31.71
A21	10.0	0.08	0.58	0.06	0.06	0.00	0.00	0.01	30.36	30.99
A21	20.0	0.02	0.31	0.02	0.02	0.00	0.00	0.00	30.36	30.74
A21	30.0	0.01	0.21	0.01	0.01	0.00	0.00	0.00	30.36	30.60
A21	40.0	0.01	0.15	0.00	0.00	0.00	0.00	0.00	30.36	30.52
A22	1.5	0.17	1.57	0.05	0.06	0.00	0.00	0.04	30.25	32.13
A22	5.0	0.16	1.19	0.05	0.06	0.00	0.00	0.03	30.25	31.76
A22	10.0	0.16	0.81	0.05	0.06	0.00	0.00	0.02	30.25	31.36
A22	20.0	0.15	0.49	0.05	0.05	0.00	0.00	0.01	30.25	30.95
A22	30.0	0.09	0.25	0.05	0.05	0.00	0.00	0.01	30.36	30.82
A23	1.5	0.17	1.15	0.05	0.06	0.00	0.00	0.04	29.96	31.43
A23	5.0	0.17	1.03	0.05	0.06	0.00	0.00	0.04	29.96	31.31
A23	10.0	0.16	0.82	0.05	0.06	0.00	0.00	0.04	29.96	31.09
A23	20.0	0.10	0.41	0.05	0.06	0.00	0.00	0.02	30.21	30.86
A23	30.0	0.09	0.28	0.05	0.06	0.00	0.00	0.01	30.21	30.71
A24	1.5	0.14	1.48	0.05	0.06	0.00	0.00	0.05	30.25	32.02
A24	5.0	0.14	1.19	0.05	0.06	0.00	0.00	0.05	30.25	31.74
A24	10.0	0.13	0.81	0.05	0.06	0.00	0.00	0.05	30.25	31.34
A24	20.0	0.11	0.50	0.04	0.05	0.00	0.00	0.05	30.25	31.00
A24	30.0	0.11	0.34	0.04	0.05	0.00	0.00	0.03	30.25	30.80
A25	1.5	0.17	1.30	0.04	0.05	0.00	0.00	0.06	29.96	31.22
A25	5.0	0.17	0.89	0.05	0.06	0.00	0.00	0.06	29.96	31.19
A25	10.0	0.16	0.80	0.05	0.06	0.00	0.00	0.05	29.96	31.08
A25	20.0	0.09	0.38	0.04	0.06	0.00	0.00	0.02	30.21	30.81
A26	1.5	0.12	0.82	0.05	0.06	0.00	0.00	0.10	29.96	31.09
A26	5.0	0.12	0.70	0.05	0.06	0.00	0.00	0.09	29.96	30.98
A26	10.0	0.00	0.32	0.01	0.01	0.00	0.00	0.01	30.21	30.59
A26	20.0	0.07	0.44	0.05	0.06	0.00	0.00	0.02	29.96	30.62
A26	30.0	0.03	0.22	0.01	0.02	0.00	0.00	0.00	30.21	30.49
A27	1.5	0.01	0.55	0.01	0.02	0.00	0.00	0.04	60.00	30.85
A27	5.0	0.01	0.49	0.01	0.02	0.00	0.00	0.03	60.00	30.79
A27	10.0	0.01	0.43	0.01	0.02	0.00	0.00	0.03		

**Appendix 3.12 Detailed Prediction Result (Construction Phase, Kowloon, Mitigated)**

Kowloon Year 2027

Annual FSP Concentration (µg/m <sup>3</sup> )										
Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (KL)	Kowloon Portal	Vent Bldg (ST)	Nearby Chimneys	DHSR	Ambient Background	Total
A01	1.5	0.04	0.69	0.02	0.04	0.00	0.00	0.04	14.41	15.24
A01	5.0	0.04	0.45	0.02	0.04	0.00	0.00	0.03	14.41	15.20
A01	10.0	0.04	0.53	0.02	0.04	0.00	0.00	0.03	14.41	15.06
A01	20.0	0.01	0.30	0.02	0.03	0.00	0.00	0.02	14.41	14.80
A01	30.0	0.01	0.18	0.01	0.01	0.00	0.00	0.01	14.41	14.62
A02	1.5	0.03	0.54	0.02	0.03	0.00	0.00	0.03	14.41	15.06
A02	5.0	0.03	0.43	0.02	0.03	0.00	0.00	0.03	14.41	14.94
A02	10.0	0.03	0.43	0.02	0.03	0.00	0.00	0.03	14.41	14.94
A02	20.0	0.01	0.28	0.02	0.03	0.00	0.00	0.02	14.41	14.77
A02	30.0	0.01	0.17	0.01	0.01	0.00	0.00	0.01	14.41	14.62
A03	1.5	0.04	0.52	0.02	0.03	0.00	0.00	0.03	14.41	15.05
A03	5.0	0.04	0.48	0.02	0.03	0.00	0.00	0.02	14.41	15.02
A03	10.0	0.03	0.41	0.02	0.03	0.00	0.00	0.02	14.41	14.93
A03	20.0	0.02	0.27	0.02	0.03	0.00	0.00	0.01	14.41	14.75
A03	30.0	0.01	0.17	0.01	0.01	0.00	0.00	0.01	14.41	14.61
A04	1.5	0.09	0.60	0.02	0.04	0.00	0.00	0.02	14.41	15.18
A04	5.0	0.07	0.61	0.03	0.04	0.00	0.00	0.02	14.41	15.18
A04	10.0	0.05	0.49	0.03	0.04	0.00	0.00	0.02	14.41	15.03
A04	20.0	0.02	0.28	0.02	0.03	0.00	0.00	0.01	14.41	14.76
A04	30.0	0.01	0.17	0.01	0.01	0.00	0.00	0.00	14.41	14.61
A05	1.5	0.09	0.62	0.02	0.04	0.00	0.00	0.02	14.41	15.20
A05	5.0	0.09	0.63	0.03	0.04	0.00	0.00	0.02	14.41	15.21
A05	10.0	0.07	0.50	0.03	0.04	0.00	0.00	0.02	14.41	15.06
A05	20.0	0.03	0.28	0.02	0.03	0.00	0.00	0.01	14.41	14.79
A05	30.0	0.01	0.17	0.01	0.01	0.00	0.00	0.00	14.41	14.63
A06	1.5	0.08	0.68	0.03	0.04	0.00	0.00	0.02	14.41	15.25
A06	5.0	0.08	0.68	0.03	0.04	0.00	0.00	0.02	14.41	15.25
A06	10.0	0.07	0.51	0.03	0.04	0.00	0.00	0.02	14.41	15.08
A06	20.0	0.04	0.29	0.02	0.04	0.00	0.00	0.01	14.41	14.81
A06	30.0	0.01	0.17	0.01	0.01	0.00	0.00	0.00	14.41	14.64
A07	1.5	0.08	0.73	0.03	0.04	0.00	0.00	0.02	14.41	15.30
A07	5.0	0.08	0.72	0.03	0.04	0.00	0.00	0.02	14.41	15.29
A07	10.0	0.07	0.52	0.03	0.04	0.00	0.00	0.01	14.41	15.09
A07	20.0	0.04	0.30	0.02	0.04	0.00	0.00	0.01	14.41	14.82
A07	30.0	0.02	0.18	0.01	0.02	0.00	0.00	0.00	14.41	14.65
A08	1.5	0.07	0.64	0.03	0.04	0.00	0.00	0.02	14.41	15.20
A08	5.0	0.07	0.58	0.03	0.04	0.00	0.00	0.02	14.41	15.14
A08	10.0	0.07	0.46	0.03	0.04	0.00	0.00	0.01	14.41	15.02
A08	20.0	0.05	0.28	0.03	0.04	0.00	0.00	0.01	14.41	14.82
A08	30.0	0.03	0.17	0.02	0.02	0.00	0.00	0.00	14.41	14.65
A09	1.5	0.07	0.69	0.03	0.04	0.00	0.00	0.02	14.41	15.48
A09	5.0	0.07	0.87	0.03	0.04	0.00	0.00	0.02	14.41	15.43
A09	10.0	0.07	0.60	0.03	0.04	0.00	0.00	0.01	14.41	15.16
A09	20.0	0.05	0.32	0.03	0.04	0.00	0.00	0.01	14.41	14.86
A09	30.0	0.03	0.18	0.02	0.02	0.00	0.00	0.00	14.41	14.67
A10	1.5	0.05	1.13	0.02	0.03	0.00	0.00	0.07	14.41	15.72
A10	5.0	0.05	0.90	0.02	0.03	0.00	0.00	0.07	14.41	15.47
A10	10.0	0.02	0.57	0.02	0.03	0.00	0.00	0.06	14.41	15.11
A10	20.0	0.01	0.28	0.02	0.03	0.00	0.00	0.03	14.41	14.78
A10	30.0	0.01	0.17	0.01	0.01	0.00	0.00	0.02	14.41	14.62
A10	40.0	0.00	0.11	0.00	0.00	0.00	0.00	0.01	14.41	14.54
A10	50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.41	14.49
A11	1.5	0.01	1.16	0.01	0.13	0.00	0.00	0.13	14.41	16.73
A11	5.0	0.01	0.86	0.01	0.00	0.00	0.00	0.12	14.41	15.42
A11	10.0	0.01	0.51	0.01	0.02	0.00	0.00	0.11	14.41	15.06
A11	20.0	0.00	0.24	0.01	0.02	0.00	0.00	0.06	14.41	14.74
A11	30.0	0.00	0.14	0.01	0.01	0.00	0.00	0.02	14.41	14.60
A12	1.5	0.06	0.95	0.02	0.04	0.00	0.00	0.04	14.41	15.44
A13	1.5	0.30	1.22	0.04	0.06	0.00	0.00	0.02	14.41	16.05
A14	1.5	0.02	0.31	0.02	0.04	0.00	0.00	0.08	14.41	14.87
A15	1.5	0.07	0.33	0.05	0.13	0.00	0.00	0.02	14.41	15.01
A16	1.5	0.07	0.21	0.09	0.14	0.00	0.00	0.02	14.41	14.93
A17	1.5	0.45	0.43	0.09	0.17	0.00	0.00	0.02	14.41	15.57
A18	1.5	0.32	0.49	0.08	0.15	0.00	0.00	0.02	14.41	15.47
A18	5.0	0.22	0.39	0.08	0.12	0.00	0.00	0.02	14.41	15.23
A18	10.0	0.11	0.29	0.07	0.07	0.00	0.00	0.01	14.41	14.97
A18	20.0	0.04	0.17	0.03	0.03	0.00	0.00	0.01	14.41	14.69
A18	30.0	0.02	0.11	0.02	0.02	0.00	0.00	0.00	14.41	14.57
A18	40.0	0.01	0.07	0.01	0.01	0.00	0.00	0.00	14.41	14.52
A18	50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.41	14.46
A19	1.5	0.07	1.08	0.03	0.03	0.00	0.00	0.01	14.41	15.63
A19	5.0	0.07	0.96	0.03	0.03	0.00	0.00	0.01	14.41	15.52
A19	10.0	0.07	0.68	0.03	0.04	0.00	0.00	0.01	14.41	15.23
A19	20.0	0.05	0.36	0.02	0.03	0.00	0.00	0.01	14.41	14.88
A19	30.0	0.03	0.21	0.01	0.02	0.00	0.00	0.00	14.41	14.69
A19	40.0	0.02	0.14	0.01	0.01	0.00	0.00	0.00	14.41	14.59
A19	50.0	0.01	0.09	0.00	0.00	0.00	0.00	0.00	14.41	14.53
A20	1.5	0.06	0.90	0.02	0.03	0.00	0.00	0.01	14.41	15.39
A20	5.0	0.06	0.80	0.03	0.03	0.00	0.00	0.01	14.36	15.30
A20	10.0	0.03	0.58	0.02	0.03	0.00	0.00	0.01	14.36	15.06
A20	20.0	0.03	0.32	0.02	0.02	0.00	0.00	0.01	14.36	14.75
A20	30.0	0.02	0.19	0.01	0.01	0.00	0.00	0.00	14.36	14.59
A20	40.0	0.01	0.12	0.00	0.01	0.00	0.00	0.00	14.36	14.51
A20	50.0	0.00	0.08	0.00	0.00	0.00	0.00	0.00	14.36	14.46
A21	1.5	0.04	0.82	0.02	0.02	0.00	0.00	0.01	14.36	15.28
A21	5.0	0.02	0.74	0.01	0.02	0.00	0.00	0.01	14.36	15.19
A21	10.0	0.03	0.52	0.01	0.02	0.00	0.00	0.01	14.36	14.95
A21	20.0	0.02	0.30	0.01	0.01	0.00	0.00	0.00	14.36	14.70
A21	30.0	0.01	0.20	0.00	0.00	0.00	0.00	0.00	14.36	14.58
A21	40.0	0.01	0.13	0.00	0.00	0.00	0.00	0.00	14.36	14.51
A22	1.5	0.04	0.97	0.02	0.02	0.00	0.00	0.01	14.36	15.42
A22	5.0	0.02	0.70	0.02	0.02	0.00	0.00	0.01	14.36	15.14
A22	10.0	0.03	0.42	0.02	0.02	0.00	0.00	0.01	14.36	14.87
A22	20.0	0.03	0.24	0.02	0.02	0.00	0.00	0.01	14.36	14.68
A22	30.0	0.03	0.16	0.02	0.02	0.00	0.00	0.01	14.36	14.59
A23	1.5	0.04	0.91	0.02	0.02	0.00	0.00	0.01	14.41	15.41
A23	5.0	0.04	0.67	0.02	0.03	0.00	0.00	0.01	14.41	15.17
A23	10.0	0.04	0.46	0.02	0.02	0.00	0.00	0.01	14.41	14.96
A23	20.0	0.03	0.28	0.02	0.02	0.00	0.00	0.01	14.41	14.77
A23	30.0	0.03	0.18	0.02	0.02	0.00	0.00	0.01	14.41	14.66
A24	1.5	0.03	0.83	0.01	0.02	0.00	0.00	0.01	14.36	15.26
A24	5.0	0.03	0.64	0.01	0.02	0.00	0.00	0.01	14.36	15.07
A24	10.0	0.03	0.39	0.01	0.02	0.00	0.00	0.01	14.36	14.82
A24	20.0	0.02	0.22	0.01	0.02	0.00	0.00	0.01	14.36	14.64
A24	30.0	0.02	0.14	0.01	0.01	0.00	0.00	0.00	14.36	14.56
A25	1.5	0.03	0.67	0.02	0.02	0.00	0.00	0.01	14.41	15.17
A25	5.0	0.03	0.57	0.02	0.02	0.00	0.00	0.01	14.41	15.07
A25	10.0	0.03	0.42	0.02	0.02	0.00	0.00	0.01	14.41	14.92
A25	20.0	0.03	0.26	0.02	0.02	0.00	0.00	0.01	14.41	14.75
A26	1.5	0.04	0.47	0.02	0.03	0.00	0.00	0.01	14.41	14.98
A26	5.0	0.04	0.39	0.02	0.03	0.00	0.00	0.01	14.41	14.90
A26	10.0	0.04	0.33	0.02	0.03	0.00	0.00	0.01	14.41	14.84
A26	20.0	0.03	0.23	0.02	0.03	0.00	0.00	0.01	14.41	14.73
A26	30.0	0.02	0.15	0.01	0.02	0.00	0.00	0.01	14.41	14.61
A27	1.5	0.02	0.47	0.02	0.03	0.00	0.00	0.01	14.41	14.98
A27	5.0	0.02	0.41	0.02	0.03	0.00	0.00	0.03	14.41	14.92
A27	10.0	0.02	0.35	0.02	0.03	0.00	0.00	0.02		



**Appendix 3.13 Detailed Prediction Result (Construction Phase, Shatin, Mitigated)**

Shatin Year 2027

Highest Hourly TSP Concentration (µg/m3)										
Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (S1)	ST Portal	Vent Bldg (K1)	Background	Total		
A61	1.5	0.64	0.23	0.00	0.01	0.00	147.22	148.11		
A61	5.0	0.65	0.22	0.00	0.01	0.00	147.22	148.11		
A61	10.0	0.65	0.22	0.00	0.01	0.00	147.22	148.11		
A61	20.0	0.64	0.20	0.00	0.00	0.00	147.22	148.06		
A61	30.0	0.61	0.18	0.00	0.00	0.00	147.22	148.02		
A61	40.0	0.53	0.18	0.00	0.00	0.00	147.22	147.93		
A61	50.0	0.41	0.17	0.00	0.00	0.00	147.22	147.81		
A61	60.0	0.31	0.17	0.00	0.00	0.00	147.22	147.71		
A61	70.0	0.16	0.17	0.00	0.00	0.00	147.22	147.56		
A61	80.0	0.03	0.15	0.00	0.00	0.00	147.22	147.41		
A61	90.0	0.00	0.12	0.00	0.00	0.00	147.22	147.35		
A61	100.0	0.00	0.09	0.00	0.00	0.00	147.22	147.31		
A62	1.5	0.68	0.89	0.00	0.01	0.00	147.22	148.80		
A62	5.0	0.69	0.89	0.00	0.01	0.00	147.22	148.61		
A62	10.0	0.69	0.89	0.00	0.01	0.00	147.22	148.34		
A62	20.0	0.69	0.89	0.00	0.01	0.00	147.22	148.15		
A62	30.0	0.69	0.89	0.00	0.01	0.00	147.22	148.15		
A62	40.0	0.69	0.89	0.00	0.01	0.00	147.22	148.15		
A62	50.0	0.69	0.89	0.00	0.01	0.00	147.22	148.15		
A62	60.0	0.69	0.89	0.00	0.01	0.00	147.22	148.15		
A62	70.0	0.69	0.89	0.00	0.01	0.00	147.22	148.15		
A62	80.0	0.69	0.89	0.00	0.01	0.00	147.22	148.15		
A62	90.0	0.69	0.89	0.00	0.01	0.00	147.22	148.15		
A62	100.0	0.69	0.89	0.00	0.01	0.00	147.22	148.15		
A63	1.5	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	5.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	10.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	20.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	30.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	40.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	50.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	60.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	70.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	80.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	90.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A63	100.0	0.69	0.23	0.00	0.01	0.00	147.22	148.15		
A64	1.5	0.75	0.18	0.00	0.01	0.00	147.22	148.17		
A64	5.0	0.74	0.18	0.00	0.01	0.00	147.22	148.16		
A64	10.0	0.71	0.18	0.00	0.01	0.00	147.22	148.13		
A64	20.0	0.62	0.18	0.00	0.01	0.00	147.22	148.04		
A64	30.0	0.53	0.18	0.00	0.01	0.00	147.22	147.95		
A64	40.0	0.50	0.18	0.00	0.01	0.00	147.22	147.91		
A64	50.0	0.46	0.18	0.00	0.01	0.00	147.22	147.87		
A64	60.0	0.42	0.18	0.00	0.01	0.00	147.22	147.82		
A64	70.0	0.19	0.15	0.00	0.01	0.00	147.22	147.57		
A64	80.0	0.02	0.11	0.00	0.00	0.00	147.22	147.35		
A64	90.0	0.00	0.07	0.00	0.00	0.00	147.22	147.29		
A64	100.0	0.00	0.04	0.00	0.00	0.00	147.22	147.26		
A65	1.5	1.01	0.33	0.00	0.01	0.00	147.22	148.58		
A65	5.0	1.00	0.28	0.00	0.01	0.00	147.22	148.51		
A65	10.0	0.96	0.26	0.00	0.01	0.00	147.22	148.44		
A65	1.5	1.01	0.22	0.00	0.01	0.00	147.22	148.46		
A65	5.0	0.98	0.22	0.00	0.01	0.00	147.22	148.44		
A65	10.0	0.91	0.22	0.00	0.01	0.00	147.22	148.36		
A65	20.0	0.69	0.22	0.00	0.01	0.00	147.22	148.14		
A65	30.0	0.55	0.22	0.00	0.01	0.00	147.22	147.99		
A65	40.0	0.57	0.22	0.00	0.01	0.00	147.22	148.02		
A65	50.0	0.60	0.21	0.00	0.01	0.00	147.22	148.04		
A65	60.0	0.39	0.18	0.00	0.01	0.00	147.22	147.80		
A65	70.0	0.04	0.13	0.00	0.01	0.00	147.22	147.39		
A65	80.0	0.00	0.07	0.00	0.00	0.00	147.22	147.30		
A65	90.0	0.00	0.04	0.00	0.00	0.00	147.22	147.26		
A65	100.0	0.00	0.01	0.00	0.00	0.00	147.22	147.23		
A66	1.5	1.07	0.23	0.00	0.01	0.00	147.22	148.54		
A66	5.0	1.05	0.23	0.00	0.01	0.00	147.22	148.51		
A66	10.0	0.97	0.23	0.00	0.01	0.00	147.22	148.44		
A66	20.0	0.77	0.23	0.00	0.01	0.00	147.22	148.23		
A66	30.0	0.64	0.23	0.00	0.01	0.00	147.22	148.09		
A66	40.0	0.49	0.23	0.00	0.01	0.00	147.22	147.92		
A66	50.0	0.35	0.23	0.00	0.01	0.00	147.22	147.75		
A66	60.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A66	70.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A66	80.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A66	90.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A66	100.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A67	1.5	1.07	0.23	0.00	0.01	0.00	147.22	148.54		
A67	5.0	1.05	0.23	0.00	0.01	0.00	147.22	148.51		
A67	10.0	0.97	0.23	0.00	0.01	0.00	147.22	148.44		
A67	20.0	0.77	0.23	0.00	0.01	0.00	147.22	148.23		
A67	30.0	0.64	0.23	0.00	0.01	0.00	147.22	148.09		
A67	40.0	0.49	0.23	0.00	0.01	0.00	147.22	147.92		
A67	50.0	0.35	0.23	0.00	0.01	0.00	147.22	147.75		
A67	60.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A67	70.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A67	80.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A67	90.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A67	100.0	0.29	0.23	0.00	0.01	0.00	147.22	147.67		
A68	1.5	2.49	0.29	0.00	0.01	0.00	147.22	150.02		
A68	5.0	2.15	0.29	0.00	0.01	0.00	147.22	149.67		
A68	10.0	1.51	0.29	0.00	0.01	0.00	147.22	149.03		
A68	20.0	1.60	0.25	0.00	0.01	0.00	147.22	149.09		
A68	30.0	1.14	0.24	0.00	0.01	0.00	147.22	148.73		
A68	40.0	0.30	0.24	0.00	0.01	0.00	147.22	147.27		
A68	50.0	0.00	0.01	0.00	0.00	0.00	147.22	147.23		
A68	60.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A68	70.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A68	80.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A68	90.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A68	100.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A69	1.5	1.70	0.29	0.00	0.01	0.00	147.22	149.23		
A69	5.0	1.89	0.28	0.00	0.01	0.00	147.22	149.40		
A69	10.0	1.62	0.39	0.00	0.01	0.00	147.22	149.24		
A69	20.0	1.64	0.32	0.00	0.01	0.00	147.22	149.19		
A69	30.0	1.58	0.29	0.00	0.01	0.00	147.22	149.10		
A69	40.0	1.29	0.26	0.00	0.00	0.00	147.22	148.78		
A69	50.0	0.56	0.21	0.00	0.00	0.00	147.22	148.00		
A69	60.0	0.03	0.14	0.00	0.00	0.00	147.22	147.41		
A69	70.0	0.00	0.08	0.00	0.00	0.00	147.22	147.31		
A69	80.0	0.00	0.03	0.00	0.00	0.00	147.22	147.26		
A69	90.0	0.00	0.01	0.00	0.00	0.00	147.22	147.23		
A69	100.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A70	1.5	2.86	0.37	0.00	0.01	0.00	147.22	150.46		
A70	5.0	2.62	0.37	0.00	0.01	0.00	147.22	150.23		
A70	10.0	2.10	0.37	0.00	0.01	0.00	147.22	149.70		
A70	20.0	1.67	0.36	0.00	0.00	0.00	147.22	149.26		
A70	30.0	1.26	0.36	0.00	0.00	0.00	147.22	148.77		
A70	40.0	0.03	0.14	0.00	0.00	0.00	147.22	147.40		
A70	50.0	0.00	0.05	0.00	0.00	0.00	147.22	147.28		
A70	60.0	0.00	0.01	0.00	0.00	0.00	147.22	147.23		
A70	70.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A70	80.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A70	90.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A70	100.0	0.00	0.00	0.00	0.00	0.00	147.22	147.22		
A71	1.5	2.86	0.37	0.00	0.01	0.00	147.22	150.46		
A71	5.0	2.62	0.37	0.00	0.01	0.00	147.22	150.23		
A71	10.0	2.10	0.37	0.00	0.01	0.00	147.22	149.70		
A71	20.0	1.67								

**Appendix 3.13 Detailed Prediction Result (Construction Phase, Shatin, Mitigated)**

Shatin Year 2027

10th Highest Daily RSP Concentration (µg/m <sup>3</sup> )									
Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (ST)	ST Portal	Vent Bldg (KL)	Background	Total	
A61	1.5	0.16	0.31	0.00	0.00	0.00	62.08	62.59	64.71
A61	5.0	0.16	0.31	0.00	0.00	0.00	62.08	62.56	
A61	10.0	0.17	0.25	0.00	0.00	0.00	62.08	62.51	
A61	20.0	0.17	0.17	0.00	0.00	0.00	62.08	62.43	
A61	30.0	0.16	0.13	0.00	0.00	0.00	62.08	62.38	
A61	40.0	0.15	0.11	0.00	0.00	0.00	62.08	62.35	
A61	50.0	0.10	0.10	0.00	0.00	0.00	62.08	62.29	
A61	60.0	0.05	0.09	0.00	0.00	0.00	62.08	62.23	
A61	70.0	0.00	0.06	0.01	0.01	0.00	62.12	62.19	
A61	80.0	0.00	0.05	0.01	0.01	0.00	62.12	62.19	
A61	90.0	0.00	0.04	0.00	0.00	0.00	62.12	62.18	
A61	100.0	0.00	0.04	0.00	0.00	0.00	62.12	62.16	
A62	1.5	0.14	0.46	0.00	0.00	0.00	62.08	62.68	
A62	5.0	0.14	0.35	0.00	0.00	0.00	62.08	62.58	
A62	10.0	0.15	0.21	0.00	0.00	0.00	62.08	62.45	
A62	20.0	0.15	0.15	0.00	0.00	0.00	62.08	62.39	
A63	1.5	0.18	0.46	0.00	0.00	0.00	62.08	62.73	
A63	5.0	0.19	0.39	0.00	0.00	0.00	62.08	62.67	
A63	10.0	0.19	0.28	0.00	0.00	0.00	62.08	62.55	
A64	1.5	0.37	0.24	0.00	0.01	0.00	62.08	62.71	
A64	5.0	0.38	0.24	0.00	0.01	0.00	62.08	62.71	
A64	10.0	0.38	0.23	0.00	0.01	0.00	62.08	62.70	
A64	20.0	0.37	0.21	0.00	0.01	0.00	62.08	62.68	
A64	30.0	0.34	0.19	0.00	0.01	0.00	62.08	62.63	
A64	40.0	0.28	0.18	0.00	0.01	0.00	62.08	62.55	
A64	50.0	0.20	0.16	0.00	0.01	0.00	62.08	62.45	
A64	60.0	0.11	0.15	0.00	0.01	0.00	62.08	62.36	
A64	70.0	0.05	0.13	0.00	0.01	0.00	62.08	62.28	
A64	80.0	0.01	0.09	0.00	0.01	0.00	62.12	62.23	
A64	90.0	0.01	0.08	0.00	0.00	0.00	62.12	62.21	
A64	100.0	0.01	0.07	0.00	0.00	0.00	62.12	62.20	
A65	1.5	0.41	0.27	0.00	0.00	0.00	62.08	62.81	
A65	5.0	0.41	0.27	0.00	0.00	0.00	62.08	62.77	
A65	10.0	0.41	0.23	0.00	0.00	0.00	62.08	62.74	
A66	1.5	0.54	0.26	0.00	0.01	0.00	62.08	62.89	
A66	5.0	0.54	0.26	0.00	0.01	0.00	62.08	62.89	
A66	10.0	0.53	0.26	0.00	0.01	0.00	62.08	62.88	
A66	20.0	0.49	0.24	0.00	0.01	0.00	62.08	62.82	
A66	30.0	0.42	0.23	0.00	0.01	0.00	62.08	62.74	
A66	40.0	0.36	0.21	0.00	0.01	0.00	62.08	62.63	
A66	50.0	0.29	0.20	0.00	0.01	0.00	62.08	62.58	
A66	60.0	0.16	0.19	0.00	0.01	0.00	62.08	62.44	
A66	70.0	0.05	0.14	0.01	0.02	0.00	62.12	62.34	
A66	80.0	0.03	0.13	0.00	0.01	0.00	62.12	62.29	
A66	90.0	0.03	0.11	0.00	0.00	0.00	62.12	62.27	
A66	100.0	0.03	0.10	0.00	0.00	0.00	62.12	62.25	
A67	1.5	0.54	0.28	0.00	0.01	0.00	62.08	62.91	
A67	5.0	0.54	0.27	0.00	0.01	0.00	62.08	62.90	
A67	10.0	0.53	0.26	0.00	0.01	0.00	62.08	62.88	
A67	20.0	0.50	0.24	0.00	0.01	0.00	62.08	62.83	
A67	30.0	0.42	0.20	0.00	0.01	0.00	62.08	62.74	
A68	1.5	1.97	0.57	0.02	0.02	0.00	62.12	64.71	
A68	5.0	1.98	0.57	0.02	0.02	0.00	62.12	64.72	
A68	10.0	1.96	0.57	0.02	0.02	0.00	62.12	64.69	
A68	20.0	1.80	0.52	0.02	0.02	0.00	62.12	64.49	
A68	30.0	1.17	0.45	0.02	0.02	0.00	62.12	63.79	
A68	40.0	0.71	0.37	0.02	0.02	0.00	62.12	63.24	
A68	50.0	0.43	0.29	0.01	0.02	0.00	62.12	62.87	
A68	60.0	0.29	0.23	0.01	0.01	0.00	62.12	62.66	
A68	70.0	0.24	0.18	0.00	0.00	0.00	62.12	62.55	
A68	80.0	0.21	0.14	0.00	0.00	0.00	62.12	62.48	
A69	1.5	2.54	0.64	0.02	0.02	0.00	62.12	65.35	
A69	20.0	2.24	0.59	0.02	0.02	0.00	62.12	64.99	
A70	1.5	0.67	0.37	0.00	0.00	0.00	62.08	63.13	
A70	5.0	0.67	0.33	0.00	0.00	0.00	62.08	63.09	
A70	10.0	0.64	0.30	0.00	0.00	0.00	62.08	63.03	
A70	20.0	0.45	0.27	0.00	0.00	0.00	62.08	62.81	
A70	30.0	0.18	0.25	0.01	0.01	0.00	62.12	62.58	
A70	40.0	0.17	0.21	0.01	0.01	0.00	62.12	62.53	
A70	50.0	0.11	0.18	0.01	0.01	0.00	62.12	62.44	
A70	60.0	0.06	0.15	0.01	0.01	0.00	62.12	62.34	
A70	70.0	0.03	0.12	0.00	0.00	0.00	62.12	62.28	
A70	80.0	0.03	0.10	0.00	0.00	0.00	62.12	62.25	
A71	1.5	1.37	0.43	0.00	0.00	0.00	62.08	63.90	
A71	5.0	1.34	0.43	0.00	0.00	0.00	62.08	63.86	
A71	10.0	1.26	0.41	0.00	0.00	0.00	62.08	63.76	
A71	20.0	0.99	0.43	0.01	0.01	0.00	62.12	63.57	
A71	30.0	0.74	0.38	0.01	0.01	0.00	62.12	63.27	
A71	40.0	0.54	0.32	0.01	0.01	0.00	62.12	63.01	
A71	50.0	0.39	0.26	0.01	0.01	0.00	62.12	62.80	
A71	60.0	0.27	0.21	0.01	0.01	0.00	62.12	62.62	
A71	70.0	0.17	0.17	0.01	0.01	0.00	62.12	62.48	
A71	80.0	0.13	0.13	0.00	0.00	0.00	62.12	62.39	
A72	1.5	1.12	0.54	0.01	0.01	0.00	62.12	63.80	
A72	5.0	1.11	0.52	0.01	0.01	0.00	62.12	63.77	
A72	10.0	1.07	0.48	0.01	0.01	0.00	62.12	63.70	
A72	20.0	0.89	0.43	0.01	0.01	0.00	62.12	63.46	
A72	30.0	0.68	0.36	0.01	0.01	0.00	62.12	63.19	
A72	40.0	0.52	0.30	0.01	0.01	0.00	62.12	62.96	
A72	50.0	0.39	0.24	0.01	0.01	0.00	62.12	62.77	
A72	60.0	0.28	0.19	0.01	0.01	0.00	62.12	62.61	
A72	70.0	0.18	0.15	0.01	0.01	0.00	62.12	62.47	
A72	80.0	0.13	0.12	0.00	0.00	0.00	62.12	62.38	
A73	1.5	0.30	0.27	0.00	0.00	0.00	62.08	62.65	
A73	5.0	0.30	0.26	0.00	0.00	0.00	62.08	62.65	
A73	10.0	0.30	0.25	0.00	0.00	0.00	62.08	62.64	
A73	20.0	0.30	0.23	0.00	0.00	0.00	62.08	62.61	
A73	30.0	0.29	0.20	0.00	0.00	0.00	62.08	62.58	
A73	40.0	0.26	0.18	0.00	0.00	0.00	62.08	62.52	
A73	50.0	0.15	0.15	0.00	0.00	0.00	62.08	62.39	
A73	60.0	0.09	0.12	0.01	0.01	0.00	62.12	62.35	
A74	1.5	2.08	0.58	0.00	0.00	0.00	61.82	64.48	
A74	5.0	0.14	0.37	0.00	0.00	0.00	63.88	64.41	
A74	10.0	0.14	0.31	0.00	0.00	0.00	63.88	64.34	
A74	20.0	0.35	0.23	0.00	0.00	0.00	63.61	64.19	
A74	30.0	0.39	0.27	0.00	0.00	0.00	63.00	63.66	
A74	40.0	0.29	0.17	0.00	0.00	0.00	63.00	63.47	
A74	50.0	0.23	0.12	0.00	0.00	0.00	63.00	63.35	
A74	60.0	0.19	0.08	0.00	0.00	0.00	63.00	63.27	
A74	70.0	0.16	0.06	0.00	0.00	0.00	63.00	63.22	
A74	80.0	0.14	0.05	0.00	0.00	0.00	63.00	63.19	
A75	1.5	0.75	0.50	0.01	0.00	0.00	63.88	64.14	
A75	20.0	0.78	0.37	0.00	0.00	0.00	63.61	64.76	
A75	30.0	0.48	0.25	0.00	0.00	0.00	63.00	63.74	
A75	40.0	0.33	0.15	0.00	0.00	0.00	63.00	63.49	
A75	50.0	0.26	0.10	0.00	0.00	0.00	63.00	63.36	
A75	60.0	0.21	0.07	0.00	0.00	0.00	63.00	63.29	
A75	70.0	0.17	0.06	0.00	0.00	0.00	63.00	63.23	
A76	1.5	1.73	0.43	0.00	0.00	0.00	61.69	63.85	
A77	1.5	0.49	0.47	0.00	0.00	0.00	63.00	63.96	
A77	5.0	0.49	0.52	0.00	0.00	0.00	63.00	64.01	
A77	10.0	0.34	0.43	0.00	0.00	0.00	63.61	63.97	
A77	20.0	0.45	0.23	0.00	0.00	0.00	63.00	63.68	
A77	30.0	0.44	0.17	0.00	0.00	0.00	63.00	63.61	
A77	40.0	0.39	0.15	0.00	0.00	0.00	63.00	63.54	
A77	50.0	0.24	0.13	0.00	0.00	0.00	63.00	63.37	
A77	60.0	0.10	0.11	0.00	0.00	0.00	63.00	63.15	
A77	70.0	0.06	0.09	0.00	0.00	0.00	63.00	63.15	
A77	80.0	0.06	0.07	0.00	0.00	0.00	63.00	63.13	
A78	1.5	0.95	0.06	0.00	0.00	0.00	63.00	63.11	
A79	1.5	2.97	0.37	0.00	0.00	0.00	61.82	64.16	
A79	5.0	2.64	0.35	0.00	0.00	0.00	61.82	64.82	
A79	10.0	2.42	0.30	0.00	0.00	0.00	61.82	64.59	
A80	1.5	2.82	0.45	0.00	0.00	0.00	63.88	67.16	
A80	5.0	3.16	0.29	0.00	0.00	0.00	63.61	67	

**Appendix 3.13 Detailed Prediction Result (Construction Phase, Shatin, Mitigated)**

Shatin Year 2027

Annual RSP Concentration (µg/m3)									
Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (ST)	ST Portal	Vent Bldg (KL)	Background	Total	
A61	26.54	0.23	0.01	0.01	0.01	0.01	26.43	26.94	26.43
A61	5.0	0.23	0.01	0.01	0.01	0.01	26.43	26.91	26.43
A61	10.0	0.23	0.19	0.01	0.01	0.00	26.43	26.87	26.43
A61	20.0	0.22	0.15	0.01	0.01	0.00	26.43	26.82	26.43
A61	30.0	0.21	0.12	0.01	0.01	0.00	26.43	26.78	26.43
A61	40.0	0.20	0.11	0.01	0.01	0.00	26.43	26.76	26.43
A61	50.0	0.18	0.10	0.01	0.01	0.00	26.43	26.73	26.43
A61	60.0	0.16	0.10	0.01	0.01	0.00	26.43	26.71	26.43
A61	70.0	0.14	0.09	0.01	0.01	0.00	26.43	26.68	26.43
A61	80.0	0.12	0.08	0.01	0.01	0.00	26.43	26.65	26.43
A61	90.0	0.09	0.07	0.01	0.01	0.00	26.43	26.61	26.43
A61	100.0	0.06	0.06	0.00	0.01	0.00	26.43	26.56	26.43
A62	1.5	0.22	0.38	0.01	0.01	0.00	26.43	27.05	26.43
A62	5.0	0.22	0.31	0.01	0.01	0.00	26.43	26.99	26.43
A62	10.0	0.22	0.22	0.01	0.01	0.00	26.43	26.89	26.43
A62	20.0	0.22	0.15	0.01	0.01	0.00	26.43	26.82	26.43
A63	1.5	0.25	0.30	0.01	0.01	0.00	26.43	27.00	26.43
A63	5.0	0.25	0.27	0.01	0.01	0.00	26.43	26.98	26.43
A63	10.0	0.25	0.22	0.01	0.01	0.00	26.43	26.92	26.43
A64	1.5	0.43	0.19	0.02	0.02	0.00	26.43	27.09	26.43
A64	5.0	0.43	0.19	0.02	0.02	0.00	26.43	27.08	26.43
A64	10.0	0.42	0.18	0.02	0.02	0.00	26.43	27.07	26.43
A64	20.0	0.39	0.18	0.01	0.02	0.00	26.43	27.03	26.43
A64	30.0	0.36	0.17	0.01	0.01	0.00	26.43	26.99	26.43
A64	40.0	0.34	0.16	0.01	0.01	0.00	26.43	26.95	26.43
A64	50.0	0.32	0.15	0.01	0.01	0.00	26.43	26.92	26.43
A64	60.0	0.30	0.14	0.01	0.01	0.00	26.43	26.90	26.43
A64	70.0	0.25	0.13	0.01	0.01	0.00	26.43	26.83	26.43
A64	80.0	0.17	0.10	0.01	0.01	0.00	26.43	26.73	26.43
A64	90.0	0.10	0.08	0.01	0.01	0.00	26.43	26.64	26.43
A64	100.0	0.08	0.08	0.00	0.00	0.00	26.43	26.59	26.43
A65	1.5	0.44	0.28	0.01	0.01	0.00	26.43	27.18	26.43
A65	5.0	0.44	0.25	0.01	0.01	0.00	26.43	27.14	26.43
A65	10.0	0.43	0.22	0.01	0.01	0.00	26.43	27.10	26.43
A66	1.5	0.66	0.25	0.02	0.02	0.00	26.43	27.38	26.43
A66	5.0	0.65	0.22	0.02	0.02	0.00	26.43	27.37	26.43
A66	10.0	0.63	0.25	0.02	0.02	0.00	26.43	27.35	26.43
A66	20.0	0.56	0.24	0.02	0.02	0.00	26.43	27.27	26.43
A66	30.0	0.51	0.23	0.01	0.02	0.00	26.43	27.20	26.43
A66	40.0	0.48	0.22	0.01	0.02	0.00	26.43	27.17	26.43
A66	50.0	0.48	0.22	0.01	0.02	0.00	26.43	27.15	26.43
A66	60.0	0.41	0.19	0.01	0.02	0.00	26.43	27.07	26.43
A66	70.0	0.27	0.16	0.01	0.02	0.00	26.43	26.89	26.43
A66	80.0	0.16	0.12	0.01	0.01	0.00	26.43	26.73	26.43
A66	90.0	0.12	0.09	0.01	0.01	0.00	26.43	26.65	26.43
A66	100.0	0.09	0.07	0.00	0.00	0.00	26.43	26.60	26.43
A67	1.5	0.61	0.25	0.02	0.02	0.00	26.43	27.33	26.43
A67	5.0	0.61	0.25	0.02	0.02	0.00	26.43	27.33	26.43
A67	10.0	0.59	0.25	0.01	0.02	0.00	26.43	27.30	26.43
A67	20.0	0.54	0.24	0.01	0.02	0.00	26.43	27.24	26.43
A67	30.0	0.49	0.23	0.01	0.01	0.00	26.43	27.18	26.43
A67	40.0	2.12	0.47	0.02	0.03	0.00	26.43	29.07	26.43
A68	5.0	2.04	0.47	0.02	0.03	0.00	26.43	28.99	26.43
A68	10.0	1.88	0.46	0.02	0.03	0.00	26.43	28.83	26.43
A68	20.0	1.81	0.42	0.02	0.03	0.00	26.43	28.72	26.43
A68	30.0	1.07	0.30	0.02	0.03	0.00	26.43	27.86	26.43
A68	40.0	0.55	0.19	0.02	0.02	0.00	26.43	27.22	26.43
A68	50.0	0.34	0.12	0.01	0.02	0.00	26.43	26.93	26.43
A68	60.0	0.23	0.09	0.01	0.01	0.00	26.43	26.77	26.43
A68	70.0	0.18	0.06	0.01	0.01	0.00	26.43	26.68	26.43
A68	80.0	0.14	0.05	0.00	0.01	0.00	26.43	26.63	26.43
A69	10.0	2.13	0.52	0.02	0.02	0.00	26.43	29.12	26.43
A69	20.0	2.06	0.47	0.02	0.02	0.00	26.43	29.01	26.43
A70	1.5	0.78	0.39	0.01	0.01	0.00	26.43	27.63	26.43
A70	5.0	0.78	0.33	0.01	0.01	0.00	26.43	27.58	26.43
A70	10.0	0.77	0.30	0.01	0.01	0.00	26.43	27.53	26.43
A70	20.0	0.71	0.28	0.01	0.01	0.00	26.43	27.45	26.43
A70	30.0	0.57	0.24	0.01	0.01	0.00	26.43	27.27	26.43
A70	40.0	0.39	0.19	0.01	0.01	0.00	26.43	27.04	26.43
A70	50.0	0.26	0.15	0.01	0.01	0.00	26.43	26.87	26.43
A70	60.0	0.19	0.11	0.01	0.01	0.00	26.43	26.75	26.43
A70	70.0	0.14	0.08	0.01	0.01	0.00	26.43	26.67	26.43
A70	80.0	0.12	0.06	0.00	0.00	0.00	26.43	26.61	26.43
A71	1.5	1.59	0.45	0.01	0.01	0.00	26.43	28.50	26.43
A71	5.0	1.55	0.44	0.01	0.01	0.00	26.43	28.45	26.43
A71	10.0	1.43	0.44	0.01	0.01	0.00	26.43	28.33	26.43
A71	20.0	1.31	0.41	0.01	0.01	0.00	26.43	28.19	26.43
A71	30.0	1.08	0.35	0.01	0.01	0.00	26.43	27.89	26.43
A71	40.0	0.59	0.25	0.01	0.01	0.00	26.43	27.30	26.43
A71	50.0	0.37	0.17	0.01	0.01	0.00	26.43	27.00	26.43
A71	60.0	0.26	0.11	0.01	0.01	0.00	26.43	26.82	26.43
A71	70.0	0.19	0.08	0.01	0.01	0.00	26.43	26.71	26.43
A71	80.0	0.15	0.06	0.00	0.00	0.00	26.43	26.65	26.43
A72	1.5	1.71	0.53	0.01	0.01	0.00	26.43	28.69	26.43
A72	5.0	1.68	0.49	0.01	0.01	0.00	26.43	28.62	26.43
A72	10.0	1.59	0.45	0.01	0.01	0.00	26.43	28.50	26.43
A72	20.0	1.36	0.39	0.01	0.01	0.00	26.43	28.21	26.43
A72	30.0	0.90	0.29	0.01	0.01	0.00	26.43	27.64	26.43
A72	40.0	0.50	0.20	0.01	0.01	0.00	26.43	27.15	26.43
A72	50.0	0.33	0.13	0.01	0.01	0.00	26.43	26.92	26.43
A72	60.0	0.23	0.09	0.01	0.01	0.00	26.43	26.77	26.43
A72	70.0	0.18	0.07	0.01	0.01	0.00	26.43	26.69	26.43
A72	80.0	0.14	0.05	0.00	0.00	0.00	26.43	26.63	26.43
A73	1.5	0.55	0.32	0.01	0.01	0.00	26.43	27.31	26.43
A73	5.0	0.54	0.31	0.01	0.01	0.00	26.43	27.30	26.43
A73	10.0	0.54	0.29	0.01	0.01	0.00	26.43	27.27	26.43
A73	20.0	0.51	0.26	0.01	0.01	0.00	26.43	27.21	26.43
A73	30.0	0.48	0.24	0.01	0.01	0.00	26.43	27.16	26.43
A73	40.0	0.45	0.23	0.01	0.01	0.00	26.43	27.12	26.43
A73	50.0	0.39	0.20	0.01	0.01	0.00	26.43	27.04	26.43
A73	60.0	0.31	0.17	0.01	0.01	0.00	26.43	26.92	26.43
A74	1.5	1.20	0.49	0.01	0.01	0.00	26.54	28.23	26.54
A74	5.0	1.17	0.39	0.01	0.01	0.00	26.54	28.12	26.54
A74	10.0	1.07	0.34	0.01	0.01	0.00	26.54	27.97	26.54
A74	20.0	0.77	0.27	0.01	0.01	0.00	26.54	27.59	26.54
A74	30.0	0.47	0.18	0.00	0.01	0.00	26.54	27.19	26.54
A74	40.0	0.32	0.12	0.00	0.01	0.00	26.54	26.98	26.54
A74	50.0	0.23	0.08	0.00	0.01	0.00	26.54	26.86	26.54
A74	60.0	0.17	0.05	0.00	0.00	0.00	26.54	26.77	26.54
A74	70.0	0.13	0.04	0.00	0.00	0.00	26.54	26.72	26.54
A74	80.0	0.11	0.03	0.00	0.00	0.00	26.54	26.68	26.54
A75	10.0	1.93	0.61	0.01	0.01	0.00	26.54	29.09	26.54
A75	20.0	1.18	0.37	0.00	0.01	0.00	26.54	28.10	26.54
A75	30.0	0.55	0.17	0.00	0.01	0.00	26.54	27.26	26.54
A75	40.0	0.33	0.10	0.00	0.00	0.00	26.54	26.98	26.54
A75	50.0	0.23	0.07	0.00	0.01	0.00	26.54	26.85	26.54
A75	60.0	0.17	0.05	0.00	0.00	0.00	26.54	26.76	26.54
A75	70.0	0.13	0.04	0.00	0.00	0.00	26.54	26.71	26.54
A75	80.0	0.12	0.04	0.00	0.00	0.00	26.54	26.70	26.54
A76	1.5	1.12	0.33	0.00	0.00	0.00	26.54	28.00	26.54
A77	1.5	0.36	0.36	0.00	0.00	0.00	26.54	27.25	26.54
A77	5.0	0.35	0.37	0.00	0.00	0.00	26.54	27.27	26.54
A77	10.0	0.34	0.36	0.00	0.00	0.00	26.54	27.24	26.54
A77	20.0	0.31	0.19	0.00	0.00	0.00	26.54	27.05	26.54
A77	30.0	0.30	0.15	0.00	0.00	0.00	26.54	26.99	26.54
A77	40.0	0.28	0.13	0.00	0.00	0.00	26.54	26.95	26.54
A77	50.0	0.22	0.11	0.00					



**Appendix 3.13 Detailed Prediction Result (Construction Phase, Shatin, Mitigated)**

Shatin Year 2027

19th Highest Daily FSP Concentration (µg/m3)									
Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (S1)	ST Portal	Vent Bldg (R1)	Background	Total	
A61	1.5	0.03	0.32	0.02	0.01	0.00	32.69	33.07	
A61	5.0	0.04	0.26	0.02	0.01	0.00	32.69	33.01	
A61	10.0	0.04	0.18	0.02	0.01	0.00	32.69	32.93	
A61	20.0	0.03	0.14	0.01	0.01	0.00	32.69	32.89	
A61	40.0	0.03	0.11	0.01	0.01	0.00	32.69	32.85	
A61	50.0	0.03	0.11	0.01	0.01	0.00	32.69	32.85	
A61	60.0	0.02	0.10	0.01	0.01	0.00	32.69	32.83	
A61	70.0	0.02	0.09	0.01	0.01	0.00	32.69	32.82	
A61	80.0	0.01	0.08	0.01	0.01	0.00	32.69	32.81	
A61	90.0	0.01	0.07	0.01	0.01	0.00	32.69	32.80	
A61	100.0	0.01	0.06	0.01	0.01	0.00	32.69	32.78	
A62	1.5	0.04	0.53	0.02	0.01	0.00	32.69	33.29	
A62	5.0	0.04	0.44	0.02	0.01	0.00	32.69	33.19	
A62	10.0	0.04	0.29	0.02	0.01	0.00	32.69	33.05	
A62	20.0	0.04	0.18	0.02	0.01	0.00	32.69	32.94	
A63	1.5	0.05	0.43	0.02	0.01	0.00	32.69	33.20	
A63	5.0	0.05	0.39	0.02	0.01	0.00	32.69	33.16	
A63	10.0	0.05	0.30	0.02	0.01	0.00	32.69	33.07	
A64	1.5	0.08	0.23	0.03	0.02	0.00	32.69	33.06	
A64	5.0	0.08	0.15	0.03	0.02	0.00	32.69	33.05	
A64	10.0	0.08	0.22	0.03	0.02	0.00	32.69	33.05	
A64	20.0	0.08	0.21	0.03	0.02	0.00	32.69	33.03	
A64	30.0	0.08	0.20	0.03	0.02	0.00	32.69	33.01	
A64	40.0	0.07	0.19	0.02	0.02	0.00	32.69	32.99	
A64	50.0	0.06	0.18	0.02	0.02	0.00	32.69	32.97	
A64	60.0	0.05	0.17	0.02	0.02	0.00	32.69	32.96	
A64	70.0	0.04	0.16	0.02	0.02	0.00	32.69	32.93	
A64	80.0	0.03	0.13	0.03	0.03	0.00	32.69	32.92	
A64	90.0	0.02	0.11	0.03	0.03	0.00	32.69	32.87	
A64	100.0	0.01	0.09	0.03	0.03	0.00	32.69	32.81	
A65	1.5	0.13	0.39	0.02	0.01	0.00	32.69	33.24	
A65	5.0	0.13	0.35	0.02	0.01	0.00	32.69	33.20	
A65	10.0	0.13	0.31	0.02	0.01	0.00	32.69	33.17	
A66	1.5	0.19	0.37	0.03	0.02	0.00	32.69	33.30	
A66	5.0	0.19	0.33	0.03	0.02	0.00	32.69	33.30	
A66	10.0	0.19	0.37	0.03	0.02	0.00	32.69	33.29	
A66	20.0	0.17	0.35	0.03	0.02	0.00	32.69	33.26	
A66	30.0	0.16	0.34	0.02	0.02	0.00	32.69	33.23	
A66	40.0	0.15	0.33	0.02	0.02	0.00	32.69	33.21	
A66	50.0	0.14	0.33	0.02	0.02	0.00	32.69	33.19	
A66	60.0	0.13	0.29	0.02	0.02	0.00	32.69	33.14	
A66	70.0	0.10	0.23	0.03	0.02	0.00	32.69	33.06	
A66	80.0	0.05	0.17	0.03	0.03	0.00	32.69	32.97	
A66	90.0	0.03	0.13	0.02	0.02	0.00	32.69	32.88	
A66	100.0	0.02	0.10	0.02	0.02	0.00	32.69	32.81	
A67	1.5	0.17	0.36	0.02	0.02	0.00	32.69	33.27	
A67	5.0	0.17	0.36	0.02	0.02	0.00	32.69	33.26	
A67	10.0	0.17	0.35	0.02	0.02	0.00	32.69	33.25	
A67	20.0	0.16	0.33	0.02	0.02	0.00	32.69	33.21	
A67	30.0	0.15	0.32	0.02	0.02	0.00	32.69	33.19	
A68	1.5	0.43	0.58	0.03	0.03	0.00	32.69	33.75	
A68	5.0	0.42	0.58	0.03	0.03	0.00	32.69	33.74	
A68	10.0	0.40	0.57	0.03	0.03	0.00	32.69	33.72	
A68	20.0	0.38	0.52	0.03	0.03	0.00	32.69	33.65	
A68	30.0	0.37	0.52	0.03	0.03	0.00	32.69	33.36	
A68	40.0	0.10	0.24	0.02	0.03	0.00	32.69	33.08	
A68	50.0	0.06	0.16	0.01	0.01	0.00	32.69	32.93	
A68	60.0	0.04	0.11	0.01	0.01	0.00	32.69	32.85	
A68	70.0	0.03	0.08	0.00	0.00	0.00	32.69	32.81	
A68	80.0	0.03	0.06	0.00	0.00	0.00	32.69	32.78	
A69	1.5	0.46	0.65	0.02	0.02	0.00	32.69	33.85	
A69	20.0	0.43	0.59	0.02	0.02	0.00	32.69	33.76	
A70	1.5	0.16	0.52	0.01	0.01	0.00	32.69	33.40	
A70	5.0	0.16	0.46	0.01	0.01	0.00	32.69	33.34	
A70	10.0	0.16	0.41	0.01	0.01	0.00	32.69	33.29	
A70	20.0	0.15	0.37	0.01	0.01	0.00	32.69	33.24	
A70	30.0	0.12	0.32	0.01	0.01	0.00	32.69	33.15	
A70	40.0	0.08	0.25	0.01	0.01	0.00	32.69	33.05	
A70	50.0	0.04	0.19	0.01	0.01	0.00	32.69	32.94	
A70	60.0	0.02	0.14	0.01	0.01	0.00	32.69	32.86	
A70	70.0	0.02	0.10	0.00	0.00	0.00	32.69	32.81	
A70	80.0	0.02	0.08	0.00	0.00	0.00	32.69	32.79	
A71	1.5	0.32	0.57	0.01	0.01	0.00	32.69	33.61	
A71	5.0	0.32	0.52	0.01	0.01	0.00	32.69	33.60	
A71	10.0	0.30	0.55	0.01	0.02	0.00	32.69	33.58	
A71	20.0	0.28	0.52	0.01	0.02	0.00	32.69	33.52	
A71	30.0	0.22	0.44	0.01	0.02	0.00	32.69	33.38	
A71	40.0	0.12	0.32	0.01	0.02	0.00	32.69	33.16	
A71	50.0	0.06	0.21	0.01	0.02	0.00	32.69	33.00	
A71	60.0	0.04	0.15	0.01	0.01	0.00	32.69	32.90	
A71	70.0	0.03	0.11	0.00	0.00	0.00	32.69	32.84	
A71	80.0	0.03	0.08	0.00	0.00	0.00	32.69	32.80	
A72	1.5	0.33	0.65	0.01	0.01	0.00	32.69	33.69	
A72	5.0	0.33	0.60	0.01	0.01	0.00	32.69	33.65	
A72	10.0	0.32	0.56	0.01	0.01	0.00	32.69	33.59	
A72	20.0	0.27	0.48	0.01	0.01	0.00	32.69	33.47	
A72	30.0	0.19	0.36	0.01	0.01	0.00	32.69	33.26	
A72	40.0	0.09	0.24	0.01	0.01	0.00	32.69	33.04	
A72	50.0	0.06	0.17	0.01	0.01	0.00	32.69	32.94	
A72	60.0	0.04	0.12	0.01	0.01	0.00	32.69	32.87	
A72	70.0	0.03	0.09	0.00	0.00	0.00	32.69	32.82	
A72	80.0	0.03	0.07	0.00	0.00	0.00	32.69	32.79	
A73	1.5	0.11	0.41	0.01	0.01	0.00	32.69	33.22	
A73	5.0	0.11	0.39	0.01	0.01	0.00	32.69	33.20	
A73	10.0	0.11	0.36	0.01	0.01	0.00	32.69	33.17	
A73	20.0	0.10	0.32	0.01	0.01	0.00	32.69	33.13	
A73	30.0	0.10	0.30	0.01	0.01	0.00	32.69	33.10	
A73	40.0	0.09	0.28	0.01	0.01	0.00	32.69	33.07	
A73	50.0	0.08	0.25	0.01	0.01	0.00	32.69	33.03	
A73	60.0	0.06	0.20	0.01	0.01	0.00	32.69	32.96	
A74	1.5	0.35	0.65	0.01	0.01	0.00	32.66	33.69	
A74	5.0	0.35	0.54	0.01	0.01	0.00	32.66	33.57	
A74	10.0	0.33	0.47	0.01	0.01	0.00	32.66	33.48	
A74	20.0	0.19	0.37	0.01	0.01	0.00	32.66	33.24	
A74	30.0	0.10	0.24	0.01	0.01	0.00	32.66	33.03	
A74	40.0	0.08	0.15	0.01	0.01	0.00	32.66	32.91	
A74	50.0	0.06	0.10	0.01	0.01	0.00	32.66	32.85	
A74	60.0	0.05	0.08	0.01	0.01	0.00	32.66	32.80	
A74	70.0	0.03	0.06	0.00	0.00	0.00	32.66	32.76	
A74	80.0	0.03	0.04	0.00	0.00	0.00	32.66	32.74	
A75	1.5	0.54	0.82	0.01	0.01	0.00	32.66	34.05	
A75	20.0	0.36	0.52	0.01	0.01	0.00	32.66	33.57	
A75	30.0	0.21	0.24	0.01	0.01	0.00	32.66	33.13	
A75	40.0	0.14	0.15	0.01	0.01	0.00	32.66	32.98	
A75	50.0	0.10	0.10	0.01	0.01	0.00	32.66	32.89	
A75	60.0	0.07	0.08	0.01	0.01	0.00	32.66	32.83	
A75	70.0	0.04	0.06	0.01	0.01	0.00	32.66	32.78	
A76	1.5	0.37	0.61	0.00	0.00	0.00	32.38	33.37	
A77	1.5	0.06	0.47	0.00	0.00	0.00	32.66	33.21	
A77	5.0	0.06	0.51	0.00	0.00	0.00	32.66	33.24	
A77	10.0	0.06	0.48	0.00	0.00	0.00	32.66	33.22	
A77	20.0	0.06	0.24	0.00	0.00	0.00	32.66	32.97	
A77	30.0	0.06	0.18	0.00	0.00	0.00	32.66	32.91	
A77	40.0	0.05	0.16	0.00	0.00	0.00	32.66	32.88	
A77	50.0	0.03	0.13	0.00	0.00	0.00	32.66	32.83	
A77	60.0	0.01	0.10	0.00	0.00	0.00	32.66	32.78	
A77	70.0	0.01	0.07	0.00	0.00	0.00	32.66	32.75	
A77	80.0	0.01	0.05	0.00	0.00	0.00	32.66	32.73	
A77	90.0	0.00	0.43	0.00	0.00	0.00	32.66	32.71	
A79	1.5	0.59	0.43	0.01	0.01	0.00	32.66	33.70	
A79	5.0	0.57	0.43	0.01	0.01	0.00	32.66	33.68	
A79	10.0	0.55	0.40	0.01	0.01	0.00	32.66	33.65	
A80	1.5	0.80	0.50	0.01	0.01	0.00	32.66	33.98	
A80	5.0	0.76	0.50	0.01	0.01	0.00	32.66	33.95	
A80	10.0	0.71	0.51	0.01	0.01	0.00	32.66	33.90	

**Appendix 3.13 Detailed Prediction Result (Construction Phase, Shatin, Mitigated)**

Shatin Year 2027

Annual FSP Concentration (µg/m3)									
Receptor ID	Height (mAG)	Construction Dust	Vehicular	Vent Bldg (ST)	ST Portal	Vent Bldg (KL)	Background	Total	Limit
A61	14.50	0.01	0.24	0.01	0.01	0.00	14.48	14.78	15.00
A61	5.0	0.04	0.21	0.01	0.01	0.00	14.48	14.75	15.00
A61	10.0	0.04	0.18	0.01	0.01	0.00	14.48	14.71	15.00
A61	20.0	0.04	0.13	0.01	0.01	0.00	14.48	14.67	15.00
A61	30.0	0.03	0.11	0.01	0.01	0.00	14.48	14.64	15.00
A61	40.0	0.03	0.10	0.01	0.01	0.00	14.48	14.63	15.00
A61	50.0	0.03	0.09	0.01	0.01	0.00	14.48	14.62	15.00
A61	60.0	0.03	0.09	0.01	0.01	0.00	14.48	14.61	15.00
A61	70.0	0.02	0.08	0.01	0.01	0.00	14.48	14.60	15.00
A61	80.0	0.02	0.08	0.01	0.01	0.00	14.48	14.59	15.00
A61	90.0	0.01	0.07	0.01	0.01	0.00	14.48	14.57	15.00
A61	100.0	0.01	0.06	0.00	0.00	0.00	14.48	14.56	15.00
A62	1.5	0.04	0.35	0.01	0.01	0.00	14.48	14.88	15.00
A62	5.0	0.04	0.29	0.01	0.01	0.00	14.48	14.82	15.00
A62	10.0	0.04	0.20	0.01	0.01	0.00	14.48	14.73	15.00
A62	20.0	0.04	0.13	0.01	0.01	0.00	14.48	14.67	15.00
A62	1.5	0.04	0.28	0.01	0.01	0.00	14.48	14.82	15.00
A63	5.0	0.04	0.25	0.01	0.01	0.00	14.48	14.79	15.00
A63	10.0	0.04	0.20	0.01	0.01	0.00	14.48	14.74	15.00
A64	1.5	0.07	0.17	0.01	0.02	0.00	14.48	14.76	15.00
A64	5.0	0.07	0.17	0.01	0.02	0.00	14.48	14.75	15.00
A64	10.0	0.07	0.17	0.01	0.02	0.00	14.48	14.75	15.00
A64	20.0	0.06	0.16	0.01	0.01	0.00	14.48	14.73	15.00
A64	30.0	0.06	0.15	0.01	0.01	0.00	14.48	14.72	15.00
A64	40.0	0.05	0.14	0.01	0.01	0.00	14.48	14.70	15.00
A64	50.0	0.05	0.14	0.01	0.01	0.00	14.48	14.70	15.00
A64	60.0	0.05	0.13	0.01	0.01	0.00	14.48	14.68	15.00
A64	70.0	0.04	0.11	0.01	0.01	0.00	14.48	14.66	15.00
A64	80.0	0.03	0.10	0.01	0.01	0.00	14.48	14.63	15.00
A64	90.0	0.02	0.08	0.01	0.01	0.00	14.48	14.59	15.00
A64	100.0	0.01	0.06	0.00	0.00	0.00	14.48	14.56	15.00
A65	1.5	0.07	0.26	0.01	0.01	0.00	14.48	14.84	15.00
A65	5.0	0.07	0.23	0.01	0.01	0.00	14.48	14.80	15.00
A65	10.0	0.07	0.20	0.01	0.01	0.00	14.48	14.77	15.00
A66	1.5	0.11	0.23	0.02	0.02	0.00	14.48	14.85	15.00
A66	5.0	0.11	0.23	0.02	0.02	0.00	14.48	14.85	15.00
A66	10.0	0.10	0.22	0.02	0.02	0.00	14.48	14.85	15.00
A66	20.0	0.09	0.22	0.01	0.02	0.00	14.48	14.82	15.00
A66	30.0	0.08	0.21	0.01	0.02	0.00	14.48	14.80	15.00
A66	40.0	0.08	0.20	0.01	0.01	0.00	14.48	14.79	15.00
A66	50.0	0.08	0.20	0.01	0.01	0.00	14.48	14.78	15.00
A66	60.0	0.07	0.18	0.01	0.02	0.00	14.48	14.75	15.00
A66	70.0	0.04	0.14	0.01	0.01	0.00	14.48	14.70	15.00
A66	80.0	0.03	0.11	0.01	0.01	0.00	14.48	14.64	15.00
A66	90.0	0.02	0.08	0.01	0.01	0.00	14.48	14.59	15.00
A66	100.0	0.01	0.06	0.00	0.00	0.00	14.48	14.56	15.00
A67	1.5	0.10	0.23	0.01	0.02	0.00	14.48	14.85	15.00
A67	5.0	0.10	0.23	0.01	0.02	0.00	14.48	14.84	15.00
A67	10.0	0.10	0.23	0.01	0.02	0.00	14.48	14.84	15.00
A67	20.0	0.09	0.22	0.01	0.01	0.00	14.48	14.81	15.00
A67	30.0	0.08	0.21	0.01	0.01	0.00	14.48	14.80	15.00
A68	1.5	0.35	0.43	0.02	0.02	0.00	14.48	15.31	15.00
A68	5.0	0.34	0.43	0.02	0.02	0.00	14.48	15.29	15.00
A68	10.0	0.31	0.43	0.02	0.02	0.00	14.48	15.27	15.00
A68	20.0	0.30	0.39	0.02	0.02	0.00	14.48	15.22	15.00
A68	30.0	0.18	0.28	0.01	0.02	0.00	14.48	14.98	15.00
A68	40.0	0.09	0.17	0.02	0.02	0.00	14.48	14.79	15.00
A68	50.0	0.06	0.11	0.01	0.02	0.00	14.48	14.68	15.00
A68	60.0	0.04	0.08	0.01	0.01	0.00	14.48	14.62	15.00
A68	70.0	0.03	0.06	0.01	0.01	0.00	14.48	14.58	15.00
A68	80.0	0.02	0.04	0.00	0.00	0.00	14.48	14.56	15.00
A69	10.0	0.35	0.47	0.02	0.02	0.00	14.48	15.35	15.00
A69	20.0	0.34	0.43	0.02	0.02	0.00	14.48	15.30	15.00
A70	1.5	0.13	0.35	0.01	0.01	0.00	14.48	14.99	15.00
A70	5.0	0.13	0.31	0.01	0.01	0.00	14.48	14.94	15.00
A70	10.0	0.13	0.28	0.01	0.01	0.00	14.48	14.91	15.00
A70	20.0	0.12	0.25	0.01	0.01	0.00	14.48	14.88	15.00
A70	30.0	0.09	0.22	0.01	0.01	0.00	14.48	14.82	15.00
A70	40.0	0.06	0.18	0.01	0.01	0.00	14.48	14.75	15.00
A70	50.0	0.04	0.13	0.01	0.01	0.00	14.48	14.68	15.00
A70	60.0	0.03	0.10	0.01	0.01	0.00	14.48	14.63	15.00
A70	70.0	0.02	0.07	0.00	0.01	0.00	14.48	14.59	15.00
A70	80.0	0.02	0.05	0.00	0.00	0.00	14.48	14.56	15.00
A71	1.5	0.26	0.41	0.01	0.01	0.00	14.48	15.18	15.00
A71	5.0	0.25	0.41	0.01	0.01	0.00	14.48	15.17	15.00
A71	10.0	0.24	0.40	0.01	0.01	0.00	14.48	15.14	15.00
A71	20.0	0.22	0.38	0.01	0.01	0.00	14.48	15.10	15.00
A71	30.0	0.18	0.32	0.01	0.01	0.00	14.48	15.00	15.00
A71	40.0	0.10	0.23	0.01	0.01	0.00	14.48	14.83	15.00
A71	50.0	0.06	0.15	0.01	0.01	0.00	14.48	14.72	15.00
A71	60.0	0.04	0.10	0.01	0.01	0.00	14.48	14.65	15.00
A71	70.0	0.03	0.07	0.01	0.01	0.00	14.48	14.60	15.00
A71	80.0	0.02	0.05	0.00	0.00	0.00	14.48	14.57	15.00
A72	1.5	0.28	0.48	0.01	0.01	0.00	14.48	15.26	15.00
A72	5.0	0.28	0.45	0.01	0.01	0.00	14.48	15.23	15.00
A72	10.0	0.26	0.41	0.01	0.01	0.00	14.48	15.18	15.00
A72	20.0	0.22	0.36	0.01	0.01	0.00	14.48	15.08	15.00
A72	30.0	0.15	0.27	0.01	0.01	0.00	14.48	14.92	15.00
A72	40.0	0.08	0.18	0.01	0.01	0.00	14.48	14.76	15.00
A72	50.0	0.05	0.12	0.01	0.01	0.00	14.48	14.68	15.00
A72	60.0	0.04	0.08	0.01	0.01	0.00	14.48	14.62	15.00
A72	70.0	0.03	0.06	0.00	0.01	0.00	14.48	14.58	15.00
A72	80.0	0.02	0.05	0.00	0.00	0.00	14.48	14.56	15.00
A73	1.5	0.09	0.29	0.01	0.01	0.00	14.48	14.87	15.00
A73	5.0	0.09	0.28	0.01	0.01	0.00	14.48	14.87	15.00
A73	10.0	0.09	0.26	0.01	0.01	0.00	14.48	14.85	15.00
A73	20.0	0.08	0.24	0.01	0.01	0.00	14.48	14.82	15.00
A73	30.0	0.08	0.22	0.01	0.01	0.00	14.48	14.79	15.00
A73	40.0	0.07	0.21	0.00	0.01	0.00	14.48	14.77	15.00
A73	50.0	0.06	0.18	0.00	0.01	0.00	14.48	14.74	15.00
A73	60.0	0.05	0.15	0.00	0.01	0.00	14.48	14.70	15.00
A74	1.5	0.19	0.45	0.01	0.01	0.00	14.50	15.15	15.00
A74	5.0	0.19	0.36	0.01	0.01	0.00	14.50	15.06	15.00
A74	10.0	0.17	0.31	0.01	0.01	0.00	14.50	15.00	15.00
A74	20.0	0.12	0.25	0.00	0.00	0.00	14.50	14.88	15.00
A74	30.0	0.08	0.16	0.00	0.01	0.00	14.50	14.75	15.00
A74	40.0	0.05	0.11	0.00	0.01	0.00	14.50	14.67	15.00
A74	50.0	0.04	0.07	0.00	0.01	0.00	14.50	14.62	15.00
A74	60.0	0.03	0.05	0.00	0.00	0.00	14.50	14.59	15.00
A74	70.0	0.02	0.04	0.00	0.00	0.00	14.50	14.56	15.00
A74	80.0	0.02	0.03	0.00	0.00	0.00	14.50	14.55	15.00
A75	10.0	0.31	0.56	0.00	0.00	0.00	14.50	15.38	15.00
A75	20.0	0.19	0.34	0.00	0.00	0.00	14.50	15.04	15.00
A75	30.0	0.09	0.16	0.00	0.00	0.00	14.50	14.75	15.00
A75	40.0	0.05	0.10	0.00	0.00	0.00	14.50	14.66	15.00
A75	50.0	0.04	0.07	0.00	0.00	0.00	14.50	14.61	15.00
A75	60.0	0.03	0.05	0.00	0.00	0.00	14.50	14.58	15.00
A75	70.0	0.02	0.04	0.00	0.00	0.00	14.50	14.56	15.00
A76	1.5	0.18	0.31	0.00	0.00	0.00	14.50	15.00	15.00
A77	1.5	0.06	0.32	0.00	0.00	0.00	14.50	14.98	15.00
A77	5.0	0.06	0.34	0.00	0.00	0.00	14.50	14.91	15.00
A77	10.0	0.06	0.33	0.00	0.00	0.00	14.50	14.89	15.00
A77	20.0	0.05	0.18	0.00	0.00	0.00	14.50	14.73	15.00
A77	30.0	0.05	0.14	0.00	0.00	0.00	14.50	14.69	15.00
A77	40.0	0.05	0.12	0.00	0.00	0.00	14.50	14.67	15.00
A77	50.0	0.04	0.10	0.00	0.00	0.00	14.50	14.64	15.00
A77	60.0	0.02	0.08	0.00					