

**Appendix G
Air Quality Monitoring Results**

24-hour TSP Monitoring Results at Station E-A14a (Block B, Merit Industrial Centre)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure (hPa)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
4-Jan-20	Fine	19.2	1020.9	1.33	1.33	1.33	1916.6	2.7137	2.8096	0.0959	9066.32	9090.32	24.00	50.0
10-Jan-20	Sunny	19.9	1016.4	1.33	1.33	1.33	1916.6	2.7163	2.8243	0.1080	9090.32	9114.32	24.00	56.3
16-Jan-20	Sunny	19.8	1017.7	1.33	1.33	1.33	1916.6	2.6691	2.7955	0.1264	9114.32	9138.32	24.00	65.9
21-Jan-20	Fine	18.8	1022.4	1.33	1.33	1.33	1916.6	2.6770	2.7727	0.0957	9138.32	9162.32	24.00	49.9
24-Jan-20	Sunny	21.5	1018.1	1.33	1.33	1.33	1916.6	2.6791	2.7409	0.0618	9162.32	9186.32	24.00	32.2
30-Jan-20	Sunny	14.7	1021.5	1.33	1.33	1.33	1916.6	2.6982	2.7437	0.0455	9186.32	9210.32	24.00	23.7
													Average	46.4
													Minimum	23.7
													Maximum	65.9

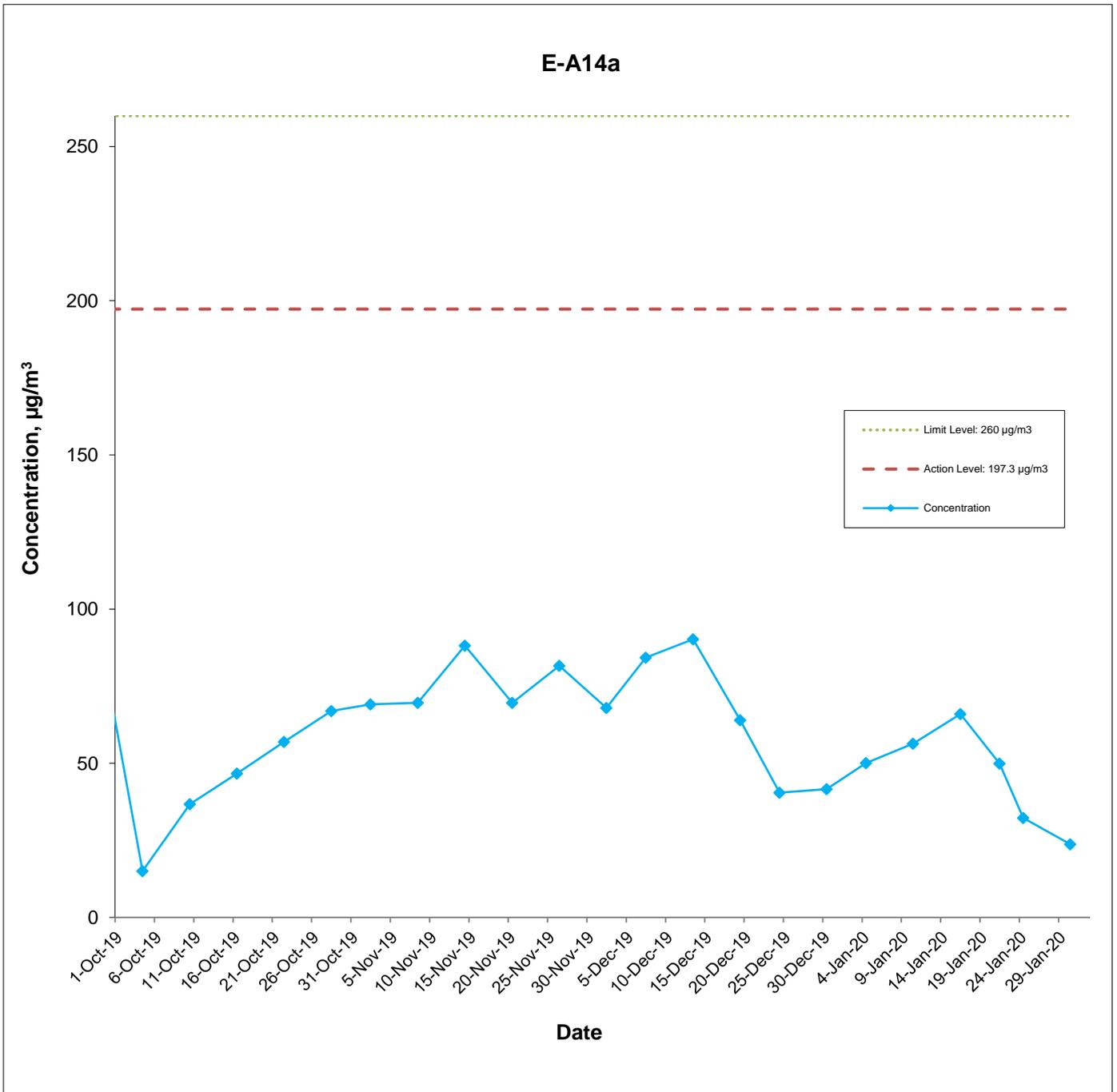
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Air Quality Monitoring Results

1-hour TSP Monitoring Results at Station E-A14a (Block B, Merit Industrial Centre)

Date	Start Time (hh:mm)	Weather Condition	1st Hour	2nd Hour	3rd Hour
			Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)
4-Jan-20	14:05	Fine	65.2	67.9	63.5
10-Jan-20	10:15	Sunny	66.2	65.1	62.7
16-Jan-20	10:05	Sunny	61.9	63.7	65.8
21-Jan-20	9:45	Fine	65.6	63.7	65.2
24-Jan-20	10:00	Sunny	59.5	59.8	59.7
30-Jan-20	9:50	Sunny	58.5	59.2	60.6
				Average	63.0
				Min	58.5
				Max	67.9

E-A14a



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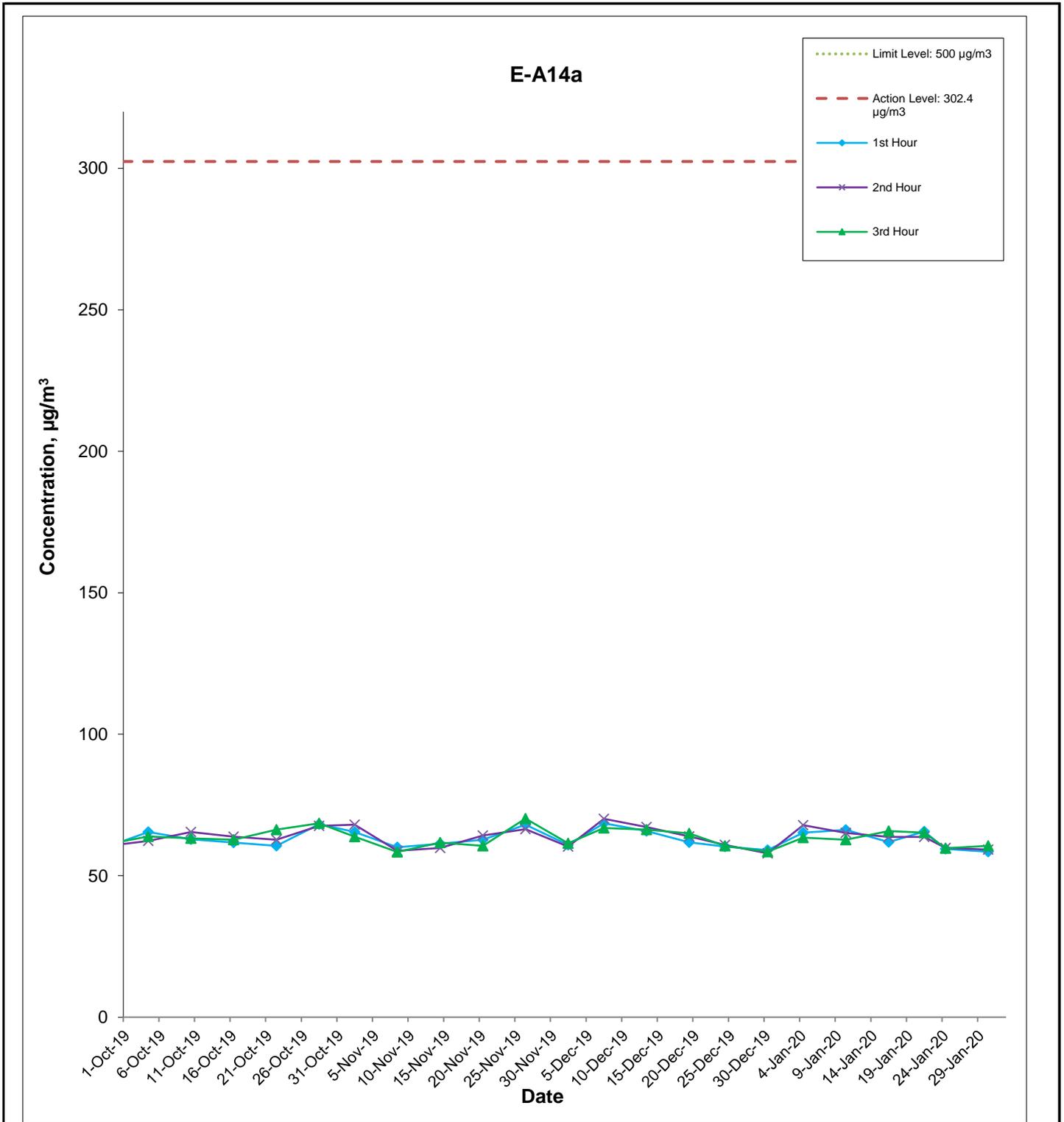
Central Kowloon Route - Kai Tak West (Contract No. HY/2014/07)



Graphical Presentation of Impact 24-hour TSP Monitoring Results

Date: February 2020

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Central Kowloon Route - Kai Tak West (Contract No. HY/2014/07)



**Graphical Presentation of Impact 1-hour TSP
Monitoring Results**

Date: February 2020

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Appendix G – Extract of Meteorological Observations for Hong Kong, January 2020

Date January	Number of hours of Reduced Visibility [#] (hours)	Total Bright Sunshine (hours)	Daily Global Solar Radiation (MJ/m ²)	Total Evaporation (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
1	0	0.2	4.92	1.6	080	33.5
2	1	3.6	8.36	1.5	050	24.7
3	2	8.9	15.70	2.3	040	21.6
4	1	8.6	15.20	2.2	060	18.4
5	0	6.6	14.66	2.5	060	34.8
6	0	6.7	14.99	2.5	060	24.5
7	0	8.0	13.10	2.3	020	11.8
8	0	8.1	16.17	4.2	010	20.3
9	0	5.0	12.61	2.4	070	35.6
10	0	6.1	12.75	2.2	060	26.3
11	4	7.0	13.60	3.9	040	16.1
12	0	7.9	14.40	2.8	360	24.4
13	0	2.5	10.42	1.5	050	29.8
14	0	9.4	16.17	2.8	060	27.3
15	2	5.8	13.99	2.9	070	37.8
16	7	7.2	15.21	3.1	060	28.0
17	0	0.1	6.34	2.6	010	20.4
18	0	6.5	13.83	2.5	040	25.7
19	2	1.1	9.52	2.7	050	24.8
20	0	2.9	11.06	2.0	020	21.2
21	0	4.9	12.30	2.3	060	33.5
22	3	4.3	11.39	1.5	030	18.5
23	0	7.6	14.44	2.0	020	16.8
24	0	4.6	13.16	2.7	040	26.1
25	1	0.9	8.21	1.5	060	37.5
26	0	1.5	7.59	3.5	360	25.8
27	0	2.7	9.19	2.3	350	28.7
28	0	4.4	10.35	2.4	360	29.3
29	0	7.2	14.87	4.4	360	34.8
30	0	10.2	20.55	4.0	360	31.3
31	0	10.2	19.51	2.4	070	25.2
Mean/Total	23	170.7	12.73	79.5	060	26.3
Normal*	221.9 [§]	143.0	10.17	71.3	060	25.3
Station	Hong Kong International Airport	King's Park			Waglan Island [^]	