

Appendix F - 24-hour TSP Impact Monitoring Results

Location CKL1 - Flat 121 Cha Kwo Ling Village

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	
				Initial	Final		Initial	Final		Initial	Final						
1-Mar-23	Sunny	292.8	768.0	3.4524	3.9025	0.4501	5666.6	5690.6	24.0	1.21	1.21	1.21	1746.9	257.6	191.0	260.0	
7-Mar-23	Sunny	293.9	766.2	3.3852	3.6715	0.2863	5714.6	5738.6	24.0	1.21	1.21	1.21	1743.3	164.2			
13-Mar-23	Cloudy	292.9	765.0	3.3432	3.5337	0.1905	5738.6	5762.6	24.0	1.21	1.21	1.21	1748.2	109.0			
17-Mar-23	Cloudy	295.0	763.1	3.3929	3.6288	0.2359	5781.8	5805.8	24.0	1.21	1.21	1.21	1742.0	135.4			
23-Mar-23	Sunny	298.3	758.5	3.3896	3.5633	0.1737	5805.8	5829.8	24.0	1.20	1.20	1.20	1730.8	100.4			
29-Mar-23	Rainy	293.4	761.6	3.3941	3.5387	0.1446	5829.8	5853.8	24.0	1.21	1.21	1.21	1744.4	82.9			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			82.9
														Max			257.6
														Average	141.6		

Location CKL2 - Flat 103 Cha Kwo Ling Village

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	
				Initial	Final		Initial	Final		Initial	Final						
1-Mar-23	Sunny	292.8	768.0	3.3729	4.0433	0.6704	17887.2	17911.2	24.0	1.21	1.22	1.22	1750.0	383.1	183.0	260.0	
7-Mar-23	Sunny	293.9	766.2	3.3213	3.8117	0.4904	17935.2	17959.2	24.0	1.22	1.21	1.21	1748.0	280.6			
13-Mar-23	Cloudy	292.9	765.0	3.2994	3.8242	0.5248	17983.2	18007.2	24.0	1.22	1.21	1.21	1749.1	300.0			
17-Mar-23	Fine	295.0	763.1	3.3235	3.7530	0.4295	18031.2	18055.2	24.0	1.21	1.21	1.21	1742.4	246.5			
23-Mar-23	Sunny	298.3	758.5	3.3569	3.7856	0.4287	18079.2	18103.2	24.0	1.20	1.20	1.20	1730.5	247.7			
29-Mar-23	Cloudy	293.4	761.6	3.3758	3.6433	0.2675	18127.2	18151.2	24.0	1.21	1.21	1.21	1745.0	153.3			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			153.3
														Max			383.1
														Average	268.5		

Location KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	
				Initial	Final		Initial	Final		Initial	Final						
1-Mar-23	Sunny	292.8	768.0	3.3419	3.4377	0.0958	17075.1	17099.1	24.0	1.22	1.22	1.22	1752.0	54.7	177.0	260.0	
7-Mar-23	Fine	293.9	766.2	3.3903	3.4811	0.0908	17099.1	17123.1	24.0	1.22	1.21	1.21	1747.3	51.9			
13-Mar-23	Cloudy	292.9	765.0	3.3695	3.4404	0.0709	17123.1	17147.1	24.0	1.22	1.22	1.22	1759.9	40.3			
17-Mar-23	Sunny	295.0	763.1	3.2912	3.3448	0.0536	17147.1	17171.1	24.0	1.22	1.22	1.22	1751.0	30.6			
23-Mar-23	Sunny	298.3	758.5	3.3348	3.3866	0.0519	17171.1	17195.1	24.0	1.21	1.21	1.21	1738.5	29.8			
29-Mar-23	Cloudy	293.4	761.6	3.3585	3.4336	0.0751	17195.1	17219.1	24.0	1.22	1.22	1.22	1755.3	42.8			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			29.8
														Max			54.7
														Average	41.7		

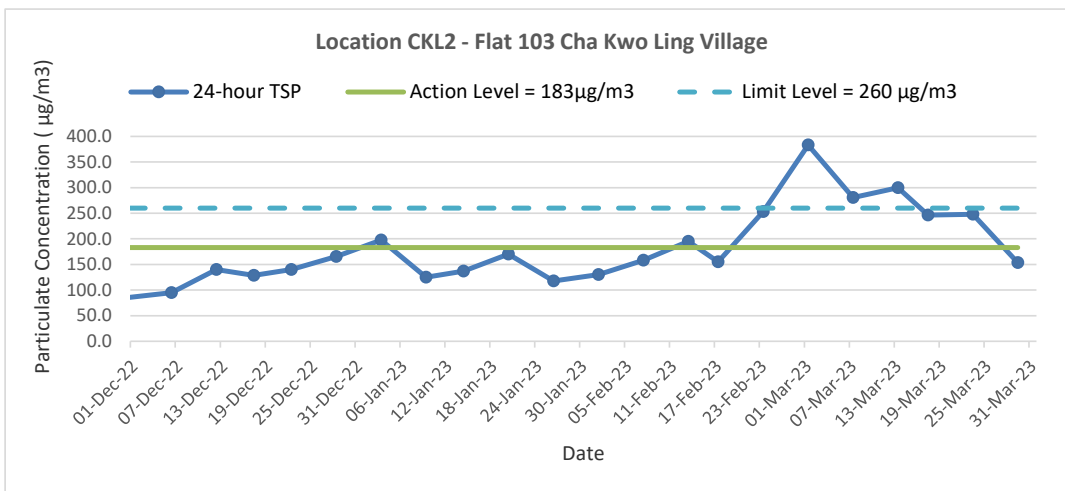
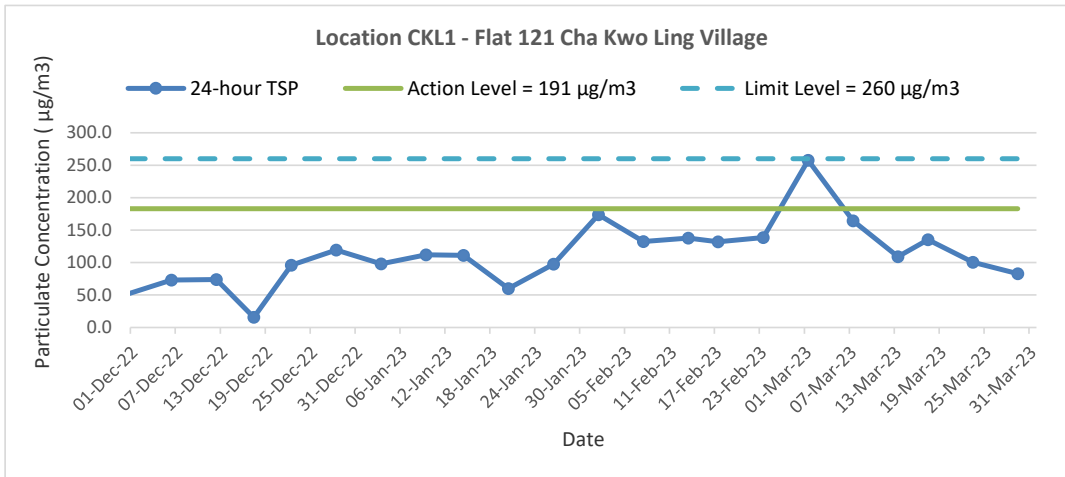
Location KER1 - Future Residential Development at Kerry Godown

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	
				Initial	Final		Initial	Final		Initial	Final						
1-Mar-23	Sunny	292.8	768.0	3.3693	3.6728	0.3035	14855.8	14879.8	24.0	1.22	1.22	1.22	1751.9	173.2	172.0	260.0	
7-Mar-23	Sunny	293.9	766.2	3.3417	3.5688	0.2271	14903.8	14927.8	24.0	1.22	1.21	1.21	1747.4	129.9			
13-Mar-23	Cloudy	292.9	765.0	3.3176	3.5329	0.2153	14927.8	14951.8	24.0	1.22	1.22	1.22	1761.4	122.2			
17-Mar-23	Sunny	295.0	763.1	3.3609	3.5508	0.1899	14951.8	14975.8	24.0	1.22	1.22	1.22	1754.2	108.2			
23-Mar-23	Sunny	298.3	758.5	3.3414	3.4686	0.1272	14975.8	14999.8	24.0	1.21	1.21	1.21	1741.3	73.0			
29-Mar-23	Cloudy	293.4	761.6	3.4115	3.5015	0.0900	14999.8	15023.8	24.0	1.22	1.22	1.22	1756.9	51.2			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			51.2
														Max			173.2
														Average	109.6		

Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

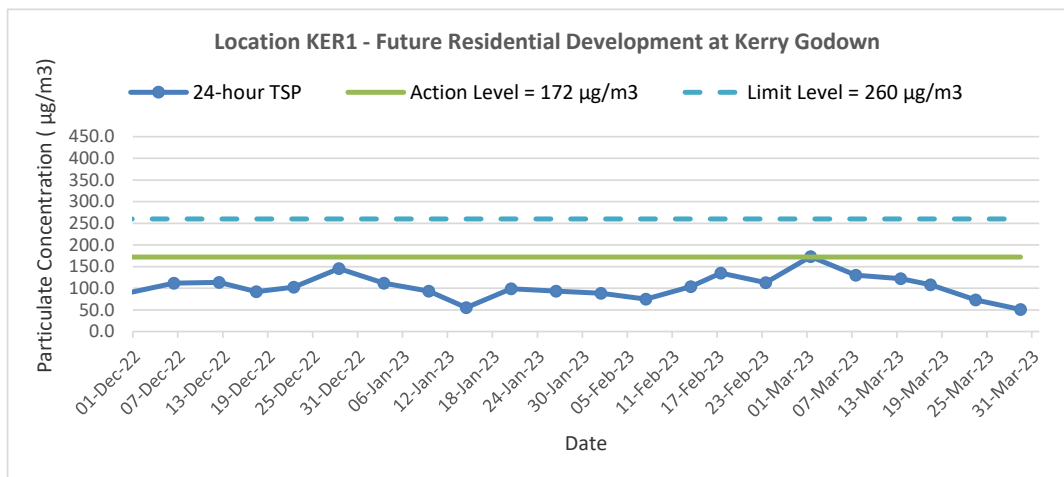
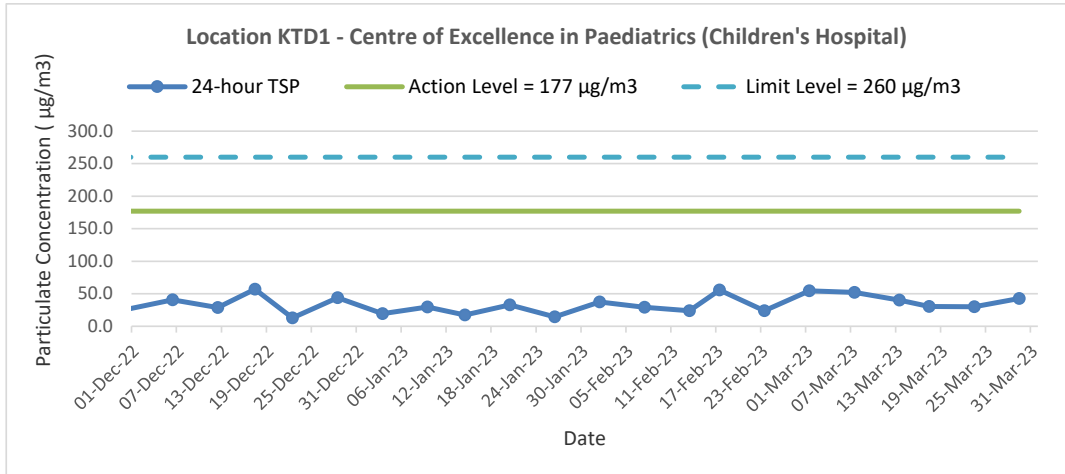
Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)	
				Initial	Final		Initial	Final		Initial	Final						
1-Mar-23	Sunny	292.8	768.0	3.5346	3.8227	0.2881	15497.2	15521.2	24.0	1.22	1.22	1.22	1751.5	164.5	157.0	260.0	
7-Mar-23	Sunny	293.9	766.2	3.3621	3.5669	0.2048	15545.2	15569.2	24.0	1.21	1.21	1.21	1746.9	117.2			
13-Mar-23	Cloudy	292.9	765.0	3.3380	3.6368	0.2988	15569.2	15593.2	24.0	1.22	1.22	1.22	1758.4	169.9			
17-Mar-23	Cloudy	295.0	763.1	3.3388	3.4917	0.1529	15617.2	15641.2	24.0	1.22	1.22	1.22	1752.6	87.3			
23-Mar-23	Sunny	298.3	758.5	3.3334	3.4547	0.1214	15641.2	15665.2	24.0	1.21	1.21	1.21	1738.3	69.8			
29-Mar-23	Cloudy	293.4	761.6	3.3173	3.4306	0.1132	15665.2	15689.2	24.0	1.22	1.22	1.22	1753.9	64.5			
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min			64.5
														Max			169.9
														Average	112.2		

24-hr TSP Concentration Levels



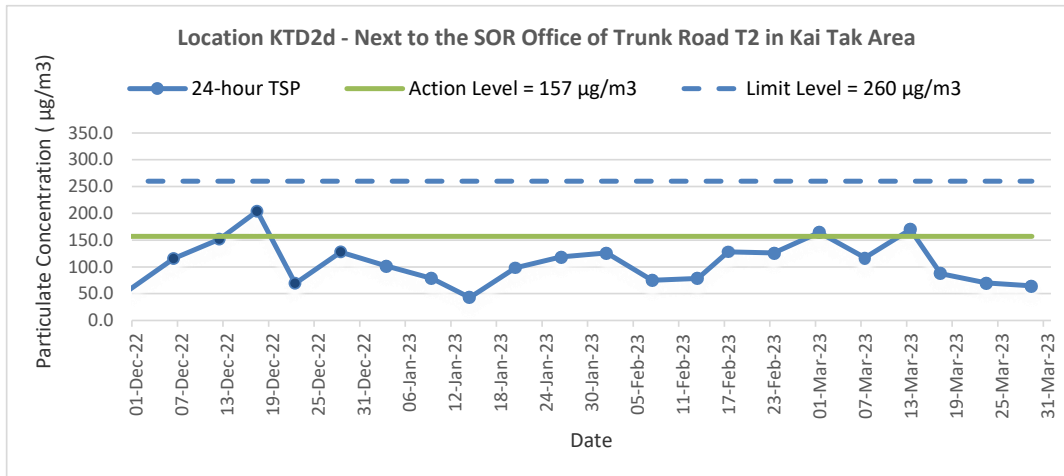
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Mar-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Mar-23	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Mar-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	