

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					
6-Apr-22	Sunny	295.6	763.9	3.3624	3.5842	0.2219	4086.9	4110.9	24.0	1.22	1.22	1.22	1750.7	126.7	191.0	260.0
11-Apr-22	Sunny	298.6	758.5	3.4129	3.5764	0.1634	4110.9	4134.9	24.0	1.21	1.21	1.21	1739.0	94.0		
14-Apr-22	Fine	297.9	758.7	3.3852	3.6652	0.2800	4134.9	4158.9	24.0	1.21	1.21	1.21	1740.7	160.9		
20-Apr-22	Sunny	295.9	761.8	3.3293	3.4958	0.1665	4156.9	4180.9	24.0	1.22	1.21	1.21	1748.0	95.3		
26-Apr-22	Sunny	301.1	757.6	3.2897	3.4381	0.1484	4178.9	4202.9	24.0	1.20	1.20	1.20	1732.1	85.7		
30-Apr-22	Sunny	296.1	760.3	3.3716	3.5428	0.1712	4202.9	4226.9	24.0	1.21	1.22	1.21	1746.4	98.0		
														Min		
														Max	160.9	
														Average	110.1	

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

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					
6-Apr-22	Sunny	295.6	763.9	3.3630	3.5512	0.1882	16244.5	16268.5	24.0	1.22	1.22	1.22	1750.9	107.5	183.0	260.0
11-Apr-22	Sunny	298.6	758.5	3.3716	3.4669	0.0953	16268.5	16292.5	24.0	1.21	1.21	1.21	1737.9	54.8		
14-Apr-22	Fine	297.9	758.7	3.3280	3.5108	0.1829	16292.6	16316.6	24.0	1.21	1.21	1.21	1739.9	105.1		
20-Apr-22	Sunny	295.9	761.8	3.2786	3.5653	0.2867	16335.7	16359.7	24.0	1.22	1.21	1.21	1747.9	164.0		
26-Apr-22	Sunny	301.1	757.6	3.2990	3.4936	0.1946	16359.7	16383.7	24.0	1.20	1.20	1.20	1731.0	112.4		
30-Apr-22	Sunny	296.1	760.3	3.3096	3.5368	0.2272	16383.7	16407.7	24.0	1.21	1.22	1.21	1746.9	130.1		
														Min		
														Max	164.0	
														Average	112.3	

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

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					
6-Apr-22	Sunny	295.6	763.9	3.3721	3.4893	0.1172	15586.0	15610.0	24.0	1.22	1.22	1.22	1754.4	66.8	177.0	260.0
11-Apr-22	Sunny	298.6	758.5	3.4160	3.4942	0.0782	15610.0	15634.0	24.0	1.21	1.21	1.21	1741.9	44.9		
14-Apr-22	Sunny	297.9	758.7	3.4270	3.5988	0.1718	15634.0	15658.0	24.0	1.21	1.21	1.21	1743.8	98.5		
20-Apr-22	Sunny	295.9	761.8	3.3441	3.4083	0.0642	15658.0	15682.0	24.0	1.22	1.21	1.22	1751.5	36.7		
26-Apr-22	Sunny	301.1	757.6	3.3758	3.4210	0.0451	15682.0	15706.0	24.0	1.21	1.20	1.21	1735.3	26.0		
30-Apr-22	Sunny	296.1	760.3	3.3326	3.4192	0.0865	15706.0	15730.0	24.0	1.21	1.22	1.22	1750.6	49.4		
														Min		
														Max	98.5	
														Average	53.7	

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

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					
6-Apr-22	Sunny	295.6	763.9	3.3703	3.5450	0.1747	13235.9	13259.9	24.0	1.22	1.22	1.22	1755.5	99.5	172.0	260.0
11-Apr-22	Sunny	298.6	758.5	3.3869	3.5467	0.1598	13259.9	13283.9	24.0	1.21	1.21	1.21	1741.5	91.7		
14-Apr-22	Sunny	297.9	758.7	3.3388	3.5981	0.2594	13283.9	13307.9	24.0	1.21	1.21	1.21	1742.9	148.8		
20-Apr-22	Sunny	295.9	761.8	3.3826	3.4762	0.0935	13307.9	13331.9	24.0	1.22	1.21	1.22	1752.3	53.4		
26-Apr-22	Sunny	301.1	757.6	3.3327	3.3872	0.0545	13331.9	13355.9	24.0	1.20	1.20	1.20	1734.1	31.4		
30-Apr-22	Sunny	296.1	760.3	3.3448	3.4456	0.0968	13355.9	13379.9	24.0	1.21	1.22	1.22	1751.1	55.3		
														Min		
														Max	148.8	
														Average	80.0	

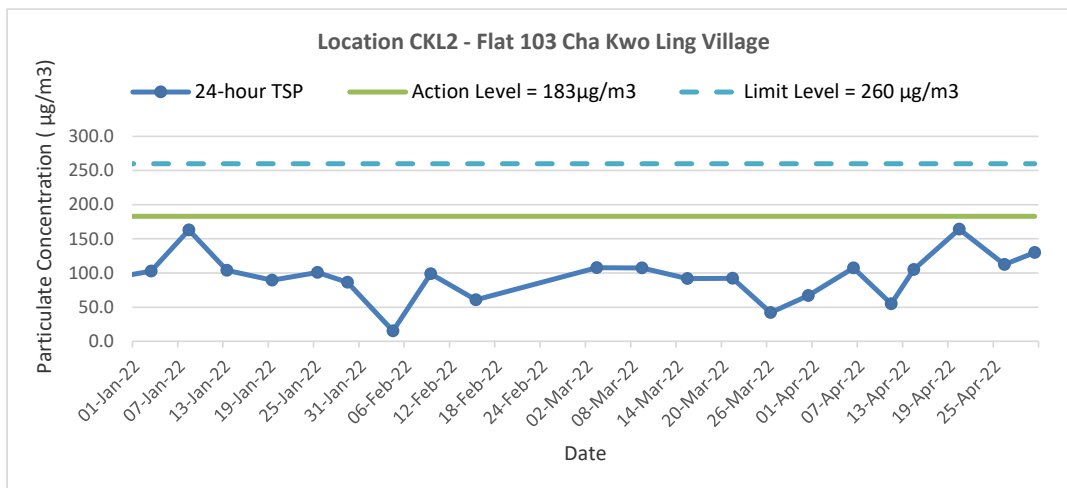
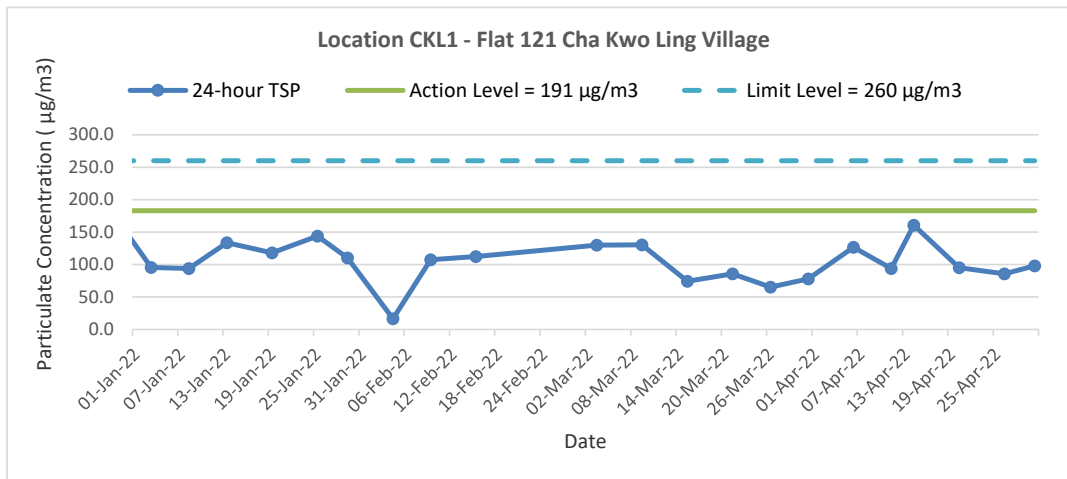
Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

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					
6-Apr-22	Sunny	295.6	763.9	3.3042	3.4171	0.1129	14007.8	14031.8	24.0	1.22	1.22	1.22	1754.8	64.3	157.0	260.0
11-Apr-22	Sunny	298.6	758.5	3.4047	3.4939	0.0891	14031.8	14055.8	24.0	1.21	1.21	1.21	1742.4	51.2		
14-Apr-22	Sunny	297.9	758.7	3.3867	3.5315	0.1448	14055.8	14079.8	24.0	1.21	1.21	1.21	1744.2	83.0		
20-Apr-22	Sunny	295.9	761.8	3.3648	3.4111	0.0463	14079.8	14103.8	24.0	1.22	1.21	1.22	1751.9	26.4		
26-Apr-22	Sunny	301.1	757.6	3.3376	3.4346	0.0969	14103.8	14127.8	24.0	1.21	1.21	1.21	1735.8	55.8		
30-Apr-22	Sunny	296.1	760.3	3.3441	3.4066	0.0625	14127.8	14151.8	24.0	1.21	1.22	1.22	1751.0	35.7		
														Min		
														Max	83.0	
														Average	52.7	

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

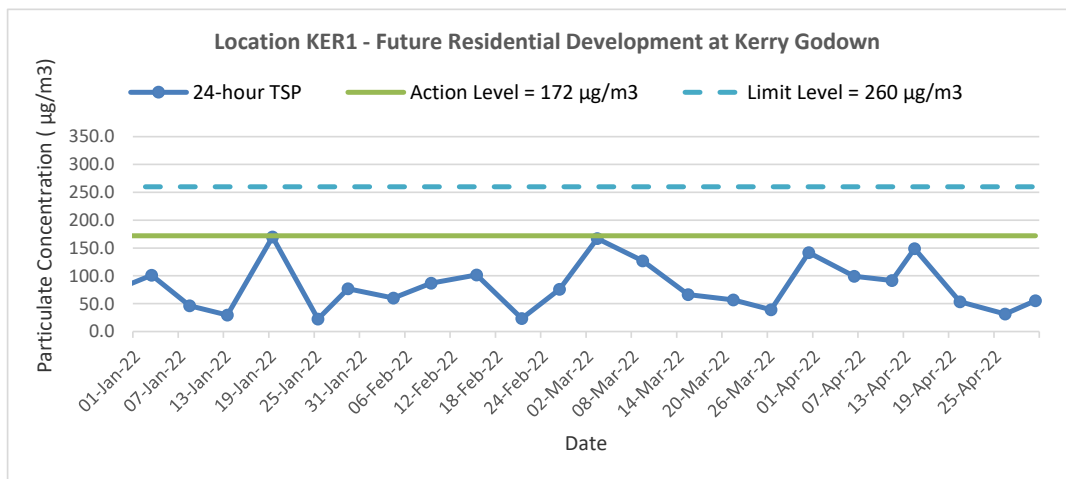
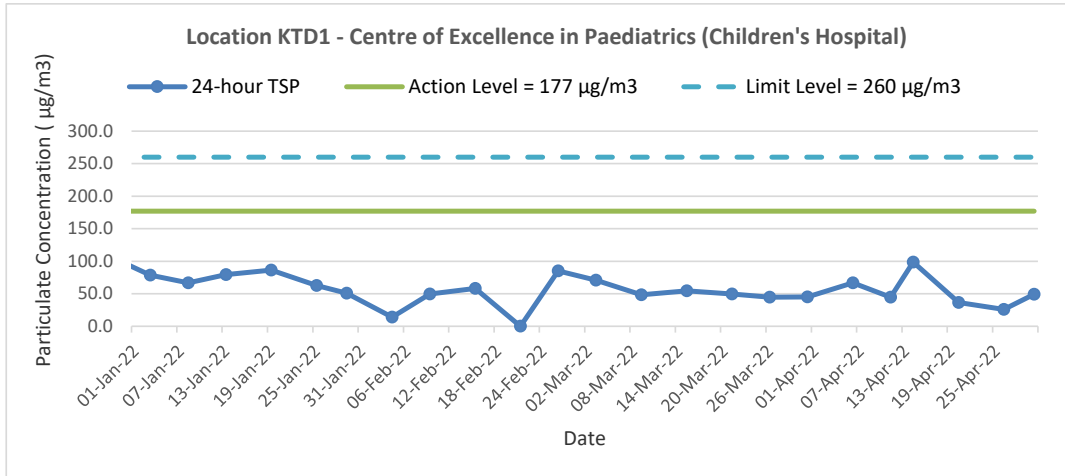
24-hr TSP Concentration Levels



Remark: Due to the site closure at CKL portion during the period from 20 Feb 2022 to 27 Feb 2022, monitoring works at station CKL1 and CKL2 were temporary suspended.

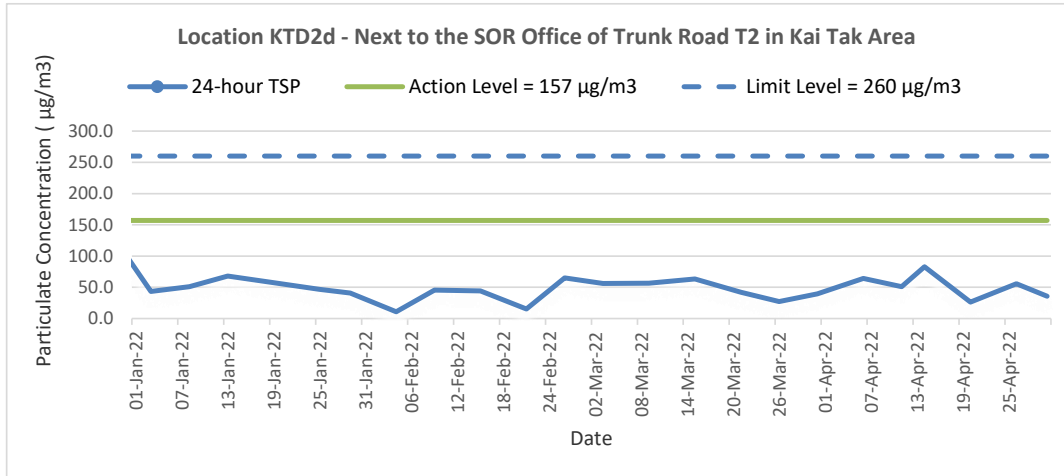
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Apr-22	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Apr-22	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 Apr-22	Project No. MA20003	CINOTECH
		Appendix F	