

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-Feb-23	Sunny	292.7	763.7	3.4066	3.7094	0.3028	5546.6	5570.6	24.0	1.21	1.21	1.21	1743.9	173.6	191.0	260.0
7-Feb-23	Cloudy	292.8	763.2	3.3826	3.5938	0.2312	5570.6	5594.6	24.0	1.21	1.21	1.21	1743.9	132.6		
13-Feb-23	Fine	293.4	763.2	3.3665	3.6064	0.2400	5594.6	5618.6	24.0	1.21	1.21	1.21	1741.6	137.8		
17-Feb-23	Sunny	292.9	765.8	3.3868	3.6173	0.2304	5618.6	5642.6	24.0	1.21	1.21	1.21	1745.4	132.0		
23-Feb-23	Sunny	292.0	765.1	3.5251	3.7670	0.2419	5642.6	5666.6	24.0	1.21	1.21	1.21	1746.8	138.5		
													Min	132.0		
													Max	173.6		
													Average	142.9		

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					
1-Feb-23	Sunny	292.7	763.7	3.3238	3.5509	0.2271	17695.2	17719.2	24.0	1.21	1.21	1.21	1745.9	130.1	183.0	260.0
7-Feb-23	Sunny	292.8	763.2	3.3762	3.6524	0.2762	17719.2	17743.2	24.0	1.21	1.21	1.21	1745.2	158.3		
13-Feb-23	Fine	293.4	763.2	3.3697	3.7096	0.3399	17743.2	17767.2	24.0	1.21	1.22	1.21	1743.5	195.0		
17-Feb-23	Fine	292.9	765.8	3.3027	3.5737	0.2710	17767.2	17791.2	24.0	1.22	1.21	1.21	1747.5	155.1		
23-Feb-23	Sunny	292.0	765.1	3.3527	3.7957	0.4430	17839.2	17863.2	24.0	1.22	1.21	1.21	1749.0	253.3		
													Min	130.1		
													Max	253.3		
													Average	178.3		

Note: ***Bold Italic*** means Action Level exceedance
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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-Feb-23	Sunny	292.7	763.7	3.3834	3.4486	0.0653	16955.1	16979.1	24.0	1.21	1.21	1.21	1747.9	37.3	177.0	260.0
7-Feb-23	Fine	292.8	763.2	3.3526	3.4038	0.0512	16979.1	17003.1	24.0	1.21	1.22	1.21	1747.1	29.3		
13-Feb-23	Fine	293.4	763.2	3.3717	3.4135	0.0419	17003.1	17027.1	24.0	1.21	1.22	1.21	1745.4	24.0		
17-Feb-23	Fine	292.9	765.8	3.3831	3.4807	0.0976	17027.1	17051.1	24.0	1.22	1.21	1.21	1749.5	55.8		
23-Feb-23	Sunny	292.0	765.1	3.3306	3.3726	0.0420	17051.1	17075.1	24.0	1.22	1.21	1.22	1750.3	24.0		
													Min	24.0		
													Max	55.8		
													Average	34.1		

Note: ***Bold Italic*** means Action Level exceedance
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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-Feb-23	Sunny	292.7	763.7	3.6998	3.8540	0.1542	14735.8	14759.8	24.0	1.21	1.21	1.21	1748.0	88.2	172.0	260.0
7-Feb-23	Sunny	292.8	763.2	3.4708	3.6018	0.1310	14759.8	14783.8	24.0	1.21	1.22	1.21	1747.2	75.0		
13-Feb-23	Fine	293.4	763.2	3.5390	3.7197	0.1808	14783.8	14807.8	24.0	1.21	1.22	1.21	1745.6	103.6		
17-Feb-23	Fine	292.9	765.8	3.3694	3.6060	0.2366	14807.8	14831.8	24.0	1.22	1.21	1.21	1749.5	135.2		
23-Feb-23	Sunny	292.0	765.1	3.3705	3.5681	0.1976	14831.8	14855.8	24.0	1.22	1.21	1.22	1751.0	112.9		
													Min	75.0		
													Max	135.2		
													Average	103.0		

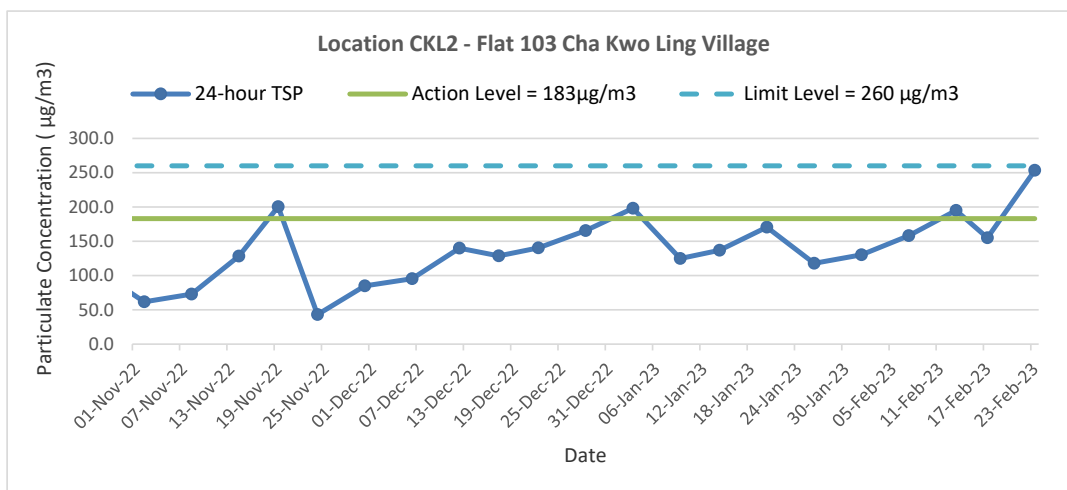
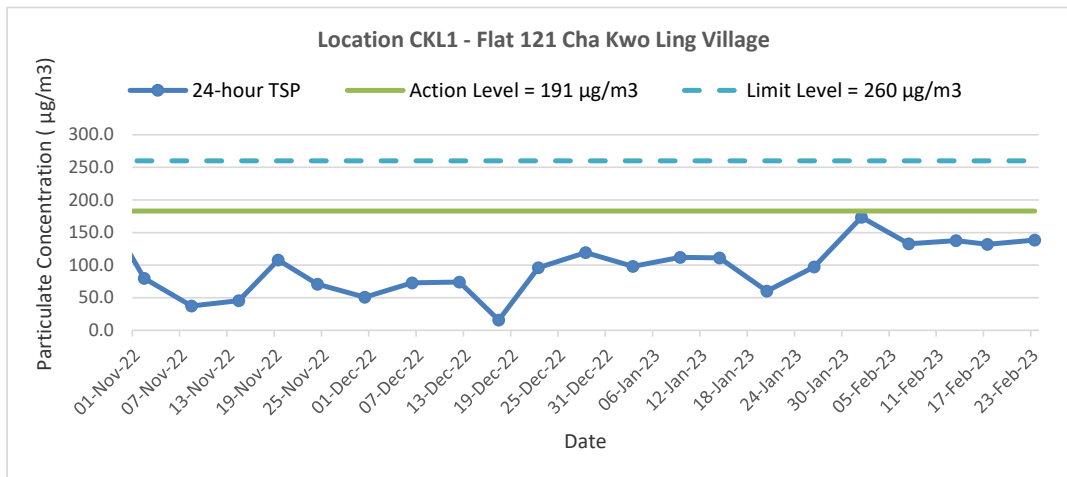
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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-Feb-23	Sunny	292.7	763.7	3.6863	3.9071	0.2207	15377.2	15401.2	24.0	1.21	1.21	1.21	1747.5	126.3	157.0	260.0
7-Feb-23	Cloudy	292.8	763.2	3.4708	3.6018	0.1310	15401.2	15425.2	24.0	1.21	1.22	1.21	1746.8	75.0		
13-Feb-23	Fine	293.4	763.2	3.5742	3.7111	0.1370	15425.2	15449.2	24.0	1.21	1.22	1.21	1745.1	78.5		
17-Feb-23	Fine	292.9	765.8	3.3969	3.6212	0.2242	15449.2	15473.2	24.0	1.22	1.21	1.21	1749.1	128.2		
23-Feb-23	Sunny	292.0	765.1	3.3725	3.5936	0.2211	15473.2	15497.2	24.0	1.22	1.21	1.22	1750.5	126.3		
													Min	75.0		
													Max	128.2		
													Average	106.9		

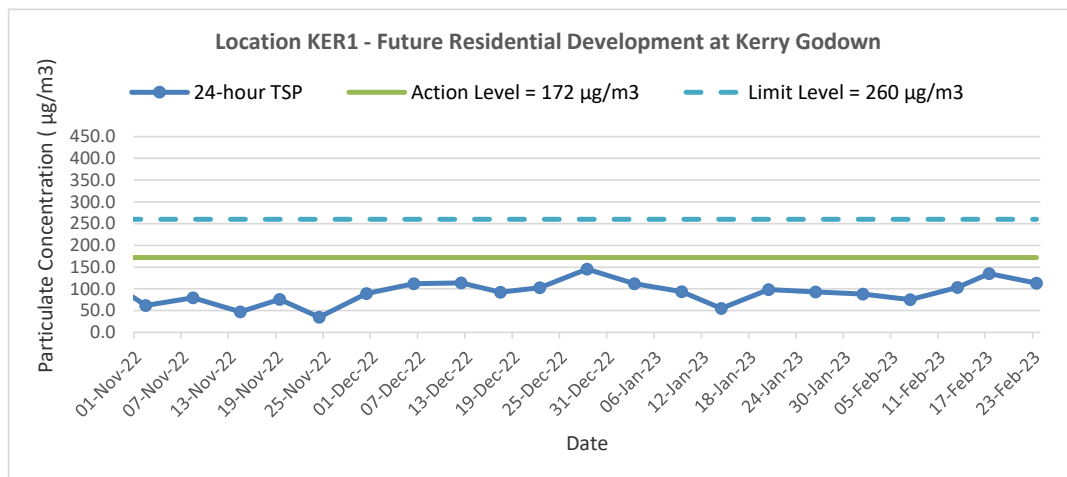
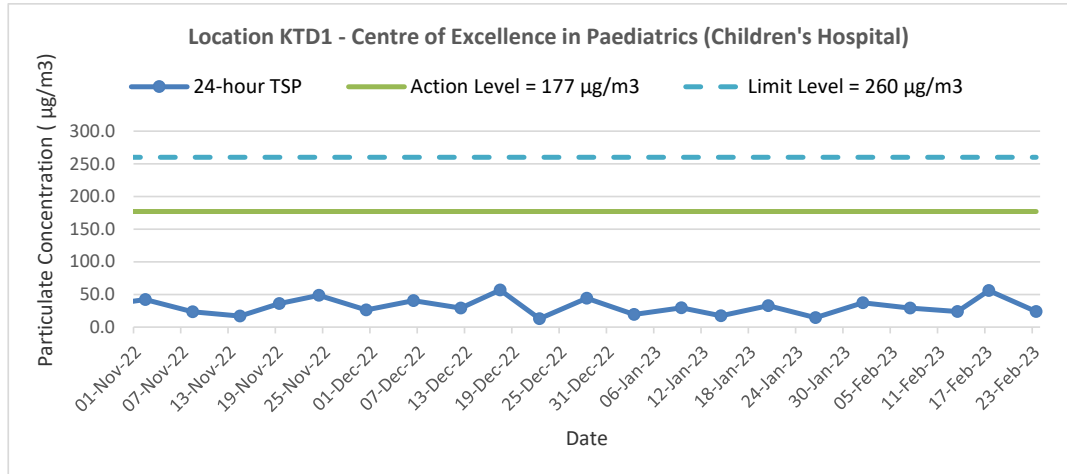
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24-hr TSP Concentration Levels



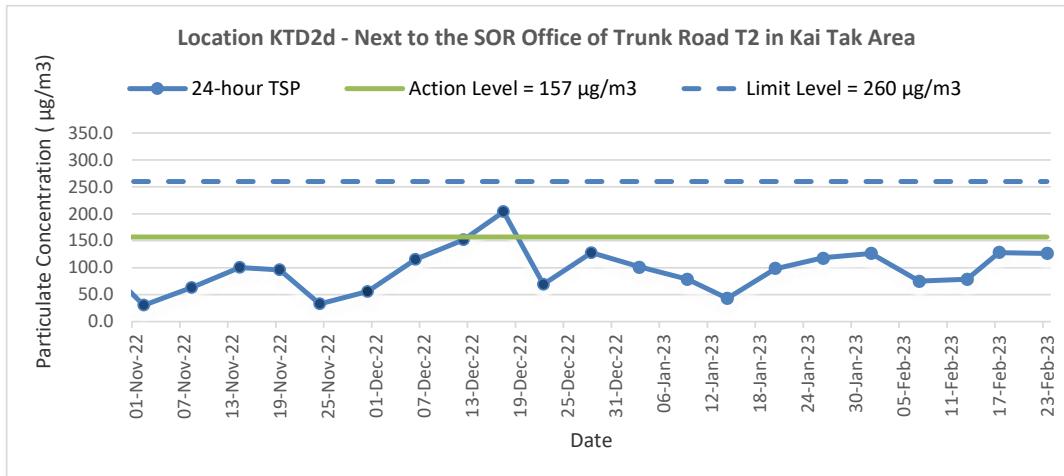
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Feb-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

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 Feb-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	Feb-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	