

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					
3-Jan-24	Sunny	290.9	766.3	3.3556	3.4793	0.1237	7080.7	7104.7	24.0	1.23	1.24	1.23	1777.7	69.6	191.0	260.0
9-Jan-24	Sunny	293.4	764.4	3.6900	3.9467	0.2567	7104.7	7128.7	24.0	1.21	1.21	1.21	1744.1	147.2		
15-Jan-24	Sunny	292.8	767.2	3.2936	3.5373	0.2436	7128.7	7152.7	24.0	1.21	1.22	1.21	1747.5	139.4		
20-Jan-24	Fine	293.3	764.7	3.3788	3.7722	0.3934	7152.7	7176.7	24.0	1.21	1.21	1.21	1744.0	225.6		
25-Jan-24	Sunny	286.7	772.0	3.3517	3.5284	0.1767	7176.7	7200.7	24.0	1.23	1.22	1.23	1767.3	100.0		
31-Jan-24	Fine	293.2	765.0	3.3536	3.4993	0.1457	7224.7	7248.7	24.0	1.21	1.21	1.21	1744.4	83.5		
													Min	69.6		
													Max	225.6		
													Average	127.5		

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					
3-Jan-24	Sunny	290.9	766.3	3.3317	3.5641	0.0723	19534.2	19558.2	24.0	1.23	1.23	1.23	1776.2	130.8	183.0	260.0
9-Jan-24	Sunny	293.4	764.4	3.2961	3.5545	0.2584	19558.2	19582.2	24.0	1.21	1.21	1.21	1742.3	148.3		
15-Jan-24	Fine	292.8	767.2	3.3490	3.5230	0.1740	19462.2	19486.2	24.0	1.21	1.21	1.21	1746.2	99.6		
20-Jan-24	Fine	293.3	764.7	3.3511	3.5295	0.1784	19606.2	19630.2	24.0	1.21	1.21	1.21	1742.9	102.4		
25-Jan-24	Sunny	286.7	772.0	3.3101	3.5608	0.2507	19630.2	19654.2	24.0	1.23	1.22	1.23	1765.2	142.0		
31-Jan-24	Fine	293.2	765.0	3.3449	3.5712	0.2263	19654.2	19678.2	24.0	1.21	1.21	1.21	1743.3	129.8		
													Min	99.6		
													Max	148.3		
													Average	125.5		

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					
3-Jan-24	Sunny	290.9	766.3	3.3345	3.4068	0.0723	18423.2	18447.2	24.0	1.22	1.23	1.22	1763.3	41.0	177.0	260.0
9-Jan-24	Fine	293.4	764.4	3.3470	3.4102	0.0632	18447.2	18471.2	24.0	1.23	1.23	1.23	1772.8	35.7		
15-Jan-24	Sunny	292.8	767.2	3.3404	3.4350	0.0947	18471.2	18495.2	24.0	1.22	1.22	1.22	1758.5	53.8		
20-Jan-24	Fine	293.3	764.7	3.3701	3.5750	0.0560	18495.2	18519.2	24.0	1.22	1.22	1.22	1755.6	31.9		
25-Jan-24	Fine	286.7	772.0	3.6937	3.7770	0.0833	18519.2	18543.2	24.0	1.24	1.23	1.24	1779.5	46.8		
31-Jan-24	Fine	293.2	765.0	3.3764	3.4636	0.0872	18543.2	18567.2	24.0	1.22	1.22	1.22	1755.3	49.7		
													Min	31.9		
													Max	53.8		
													Average	41.8		

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					
3-Jan-24	Sunny	290.9	766.3	3.3061	3.4846	0.1786	16225.5	16249.5	24.0	1.22	1.22	1.22	1761.6	101.4	172.0	260.0
9-Jan-24	Fine	293.4	764.4	3.6748	3.8526	0.1778	16249.5	16273.5	24.0	1.23	1.23	1.23	1771.3	100.4		
15-Jan-24	Sunny	292.8	767.2	3.6905	3.9472	0.2567	16273.5	16297.5	24.0	1.22	1.22	1.22	1756.7	146.1		
20-Jan-24	Sunny	293.3	764.7	3.3330	3.5146	0.1816	16297.5	16321.5	24.0	1.21	1.22	1.22	1753.7	103.5		
25-Jan-24	Sunny	286.7	772.0	3.3537	3.5306	0.1769	16321.5	16345.5	24.0	1.24	1.23	1.23	1778.1	99.5		
31-Jan-24	Fine	293.2	765.0	3.3966	3.5368	0.1403	16345.5	16369.5	24.0	1.22	1.22	1.22	1754.1	80.0		
													Min	80.0		
													Max	146.1		
													Average	105.1		

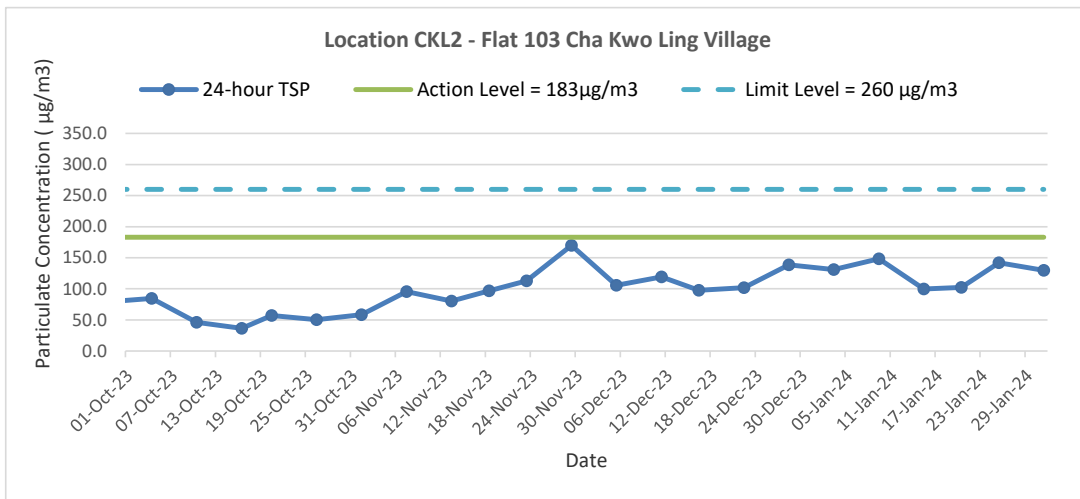
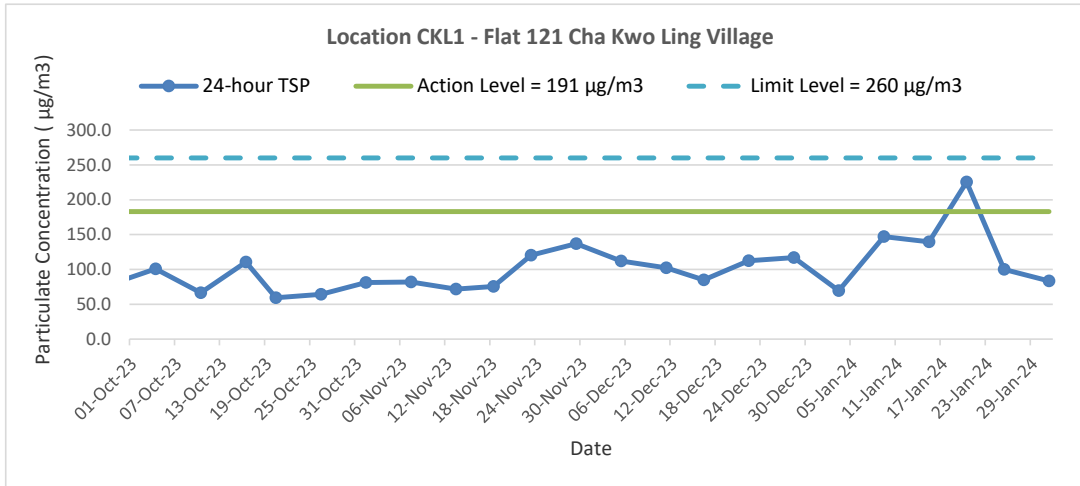
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
3-Jan-24	Sunny	290.9	766.3	3.3621	3.5162	0.1541	16877.7	16901.7	24.0	1.23	1.24	1.24	1780.4	86.5	157.0	260.0
9-Jan-24	Fine	293.4	764.4	3.3711	3.5126	0.1415	16901.7	16925.7	24.0	1.23	1.23	1.23	1768.9	80.0		
15-Jan-24	Sunny	292.8	767.2	3.3134	3.5611	0.2477	16925.7	16949.7	24.0	1.23	1.24	1.23	1775.8	139.5		
20-Jan-24	Fine	293.3	764.7	3.6757	3.9281	0.2524	16949.7	16973.7	24.0	1.23	1.23	1.23	1773.0	142.4		
25-Jan-24	Sunny	286.7	772.0	3.7172	3.9233	0.2060	16973.7	16997.7	24.0	1.25	1.24	1.25	1795.8	114.7		
31-Jan-24	Fine	293.2	765.0	3.3998	3.5028	0.1030	16997.7	17021.7	24.0	1.23	1.23	1.23	1772.7	58.1		
													Min	58.1		
													Max	142.4		
													Average	103.5		

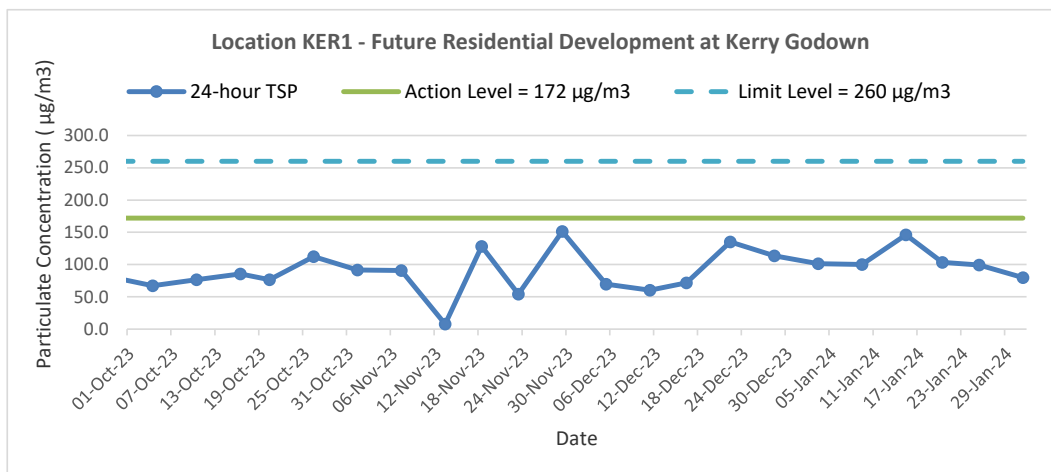
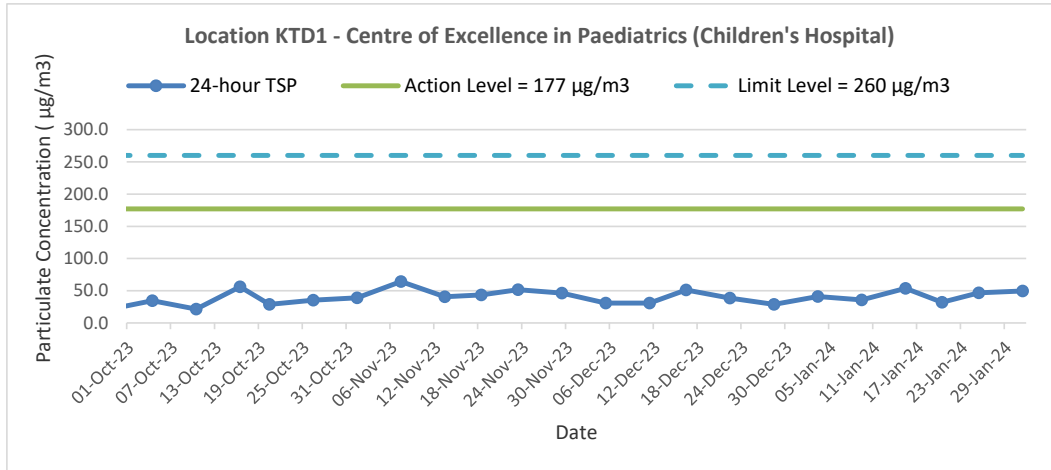
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24-hr TSP Concentration Levels

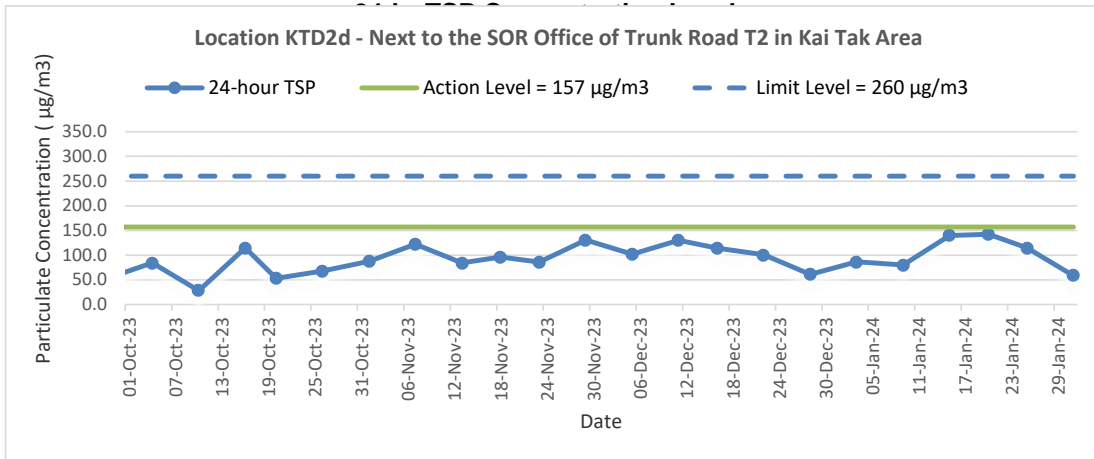


Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Jan-24	Project No. MA20003	
		Appendix F	

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	Jan-24	Project No.	MA20003	
			Appendix	F	



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