

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
6-Nov-24	Sunny	297.5	765.4	2.9393	3.0933	0.1540	14374.8	14398.8	24.0	1.23	1.23	1.23	1766.5	87.2	191.0	260.0
12-Nov-24	Fine	298.5	759.4	2.9559	3.1358	0.1799	14398.8	14422.8	24.0	1.22	1.22	1.22	1758.8	102.3		
18-Nov-24	Cloudy	295.2	764.3	2.9752	3.0770	0.1018	14422.8	14446.8	24.0	1.23	1.23	1.23	1771.6	57.5		
22-Nov-24	Fine	293.3	765.6	2.9591	3.1039	0.1448	14446.8	14470.8	24.0	1.23	1.23	1.23	1776.4	81.5		
28-Nov-24	Sunny	292.0	767.1	2.9551	3.1109	0.1557	14470.8	14494.8	24.0	1.24	1.24	1.24	1781.6	87.4		
													Min	57.5		
													Max	102.3		
													Average	83.2		

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
6-Nov-24	Sunny	297.5	765.4	2.9554	3.0985	0.1432	20975.0	21002.0	24.0	1.22	1.23	1.22	1763.3	81.2	183.0	260.0
12-Nov-24	Fine	298.5	759.4	2.9418	3.1740	0.2322	21002.0	21026.0	24.0	1.22	1.22	1.22	1755.5	132.3		
18-Nov-24	Cloudy	295.2	764.3	2.9787	3.1075	0.1289	21026.0	21050.0	24.0	1.22	1.23	1.23	1767.8	72.9		
22-Nov-24	Fine	293.3	765.6	2.9245	3.0830	0.1585	21050.0	21074.0	24.0	1.23	1.23	1.23	1773.4	89.4		
28-Nov-24	Sunny	292.0	767.1	2.9298	3.1079	0.1781	21074.0	21098.0	24.0	1.23	1.23	1.23	1777.9	100.2		
													Min	72.9		
													Max	132.3		
													Average	95.2		

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
6-Nov-24	Sunny	297.5	765.4	2.9210	3.0220	0.1011	19804.4	19828.4	24.0	1.23	1.23	1.23	1772.4	57.0	177.0	260.0
12-Nov-24	Cloudy	298.5	759.4	2.9513	3.0326	0.0813	19828.4	19852.4	24.0	1.22	1.22	1.22	1752.0	46.4		
18-Nov-24	Cloudy	295.2	764.3	2.9546	3.0048	0.0502	19852.4	19876.4	24.0	1.22	1.23	1.23	1764.4	28.5		
22-Nov-24	Fine	293.3	765.6	2.9271	2.9706	0.0435	19876.5	19900.5	24.0	1.23	1.23	1.23	1770.1	24.6		
28-Nov-24	Sunny	292.0	767.1	3.3833	3.4294	0.0461	19900.5	19924.5	24.0	1.23	1.23	1.23	1774.7	26.0		
													Min	24.6		
													Max	57.0		
													Average	36.5		

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
6-Nov-24	Sunny	297.5	765.4	2.9259	2.9963	0.0705	17636.6	17660.6	24.0	1.23	1.23	1.23	1773.2	39.7	172.0	260.0
12-Nov-24	Cloudy	298.5	759.4	2.9502	3.0686	0.1185	17660.6	17684.6	24.0	1.21	1.21	1.21	1747.6	67.8		
18-Nov-24	Cloudy	295.2	764.3	2.9622	3.0357	0.0735	17684.6	17708.6	24.0	1.22	1.23	1.22	1760.4	41.8		
22-Nov-24	Fine	293.3	765.6	2.9228	2.9524	0.0296	17708.6	17732.6	24.0	1.23	1.23	1.23	1766.2	16.8		
28-Nov-24	Sunny	292.0	767.1	3.3747	3.4528	0.0781	17732.6	17756.6	24.0	1.23	1.23	1.23	1771.0	44.1		
													Min	16.8		
													Max	67.8		
													Average	42.0		

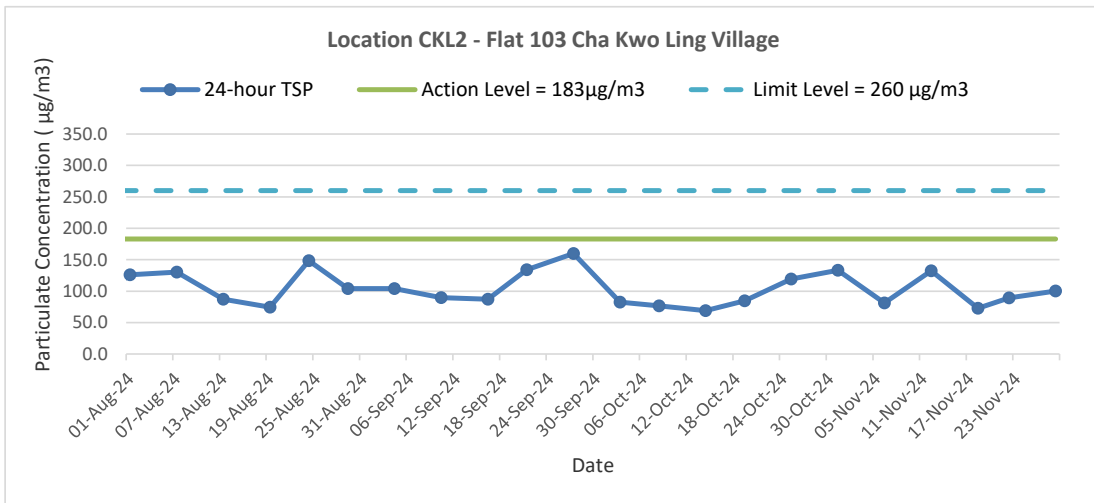
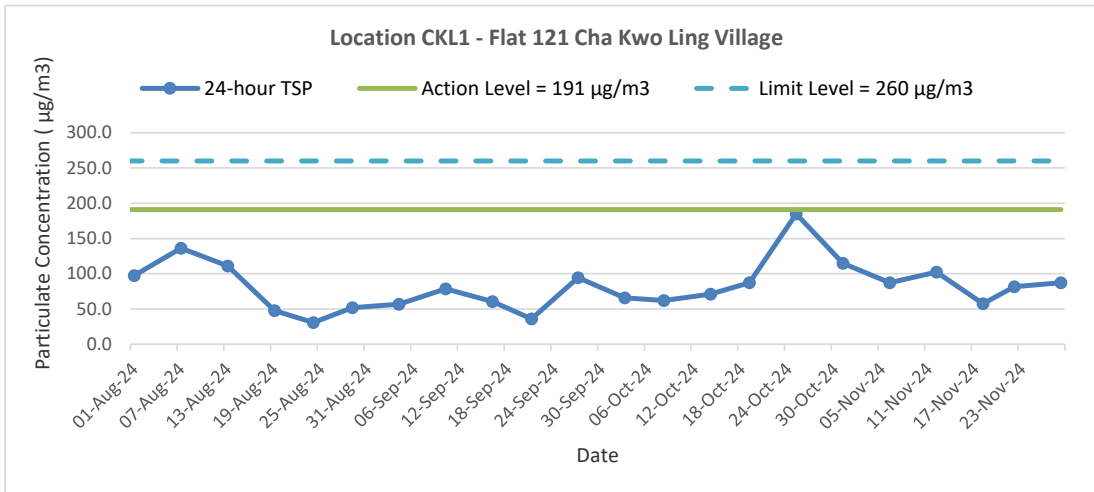
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
6-Nov-24	Sunny	297.5	765.4	2.8957	3.0820	0.1863	18386.2	18410.2	24.0	1.23	1.23	1.23	1775.3	104.9	157.0	260.0
12-Nov-24	Cloudy	298.5	759.4	2.9182	3.0678	0.1496	18410.2	18434.2	24.0	1.21	1.21	1.21	1748.0	85.6		
18-Nov-24	Cloudy	295.2	764.3	2.9575	3.0630	0.1055	18434.2	18458.2	24.0	1.22	1.23	1.22	1759.9	60.0		
22-Nov-24	Fine	293.3	765.6	2.9168	2.9896	0.0728	18458.2	18482.2	24.0	1.23	1.23	1.23	1765.4	41.2		
28-Nov-24	Sunny	292.0	767.1	3.3777	3.6163	0.2385	18482.2	18506.2	24.0	1.23	1.23	1.23	1769.8	134.8		
													Min	41.2		
													Max	134.8		
													Average	85.3		

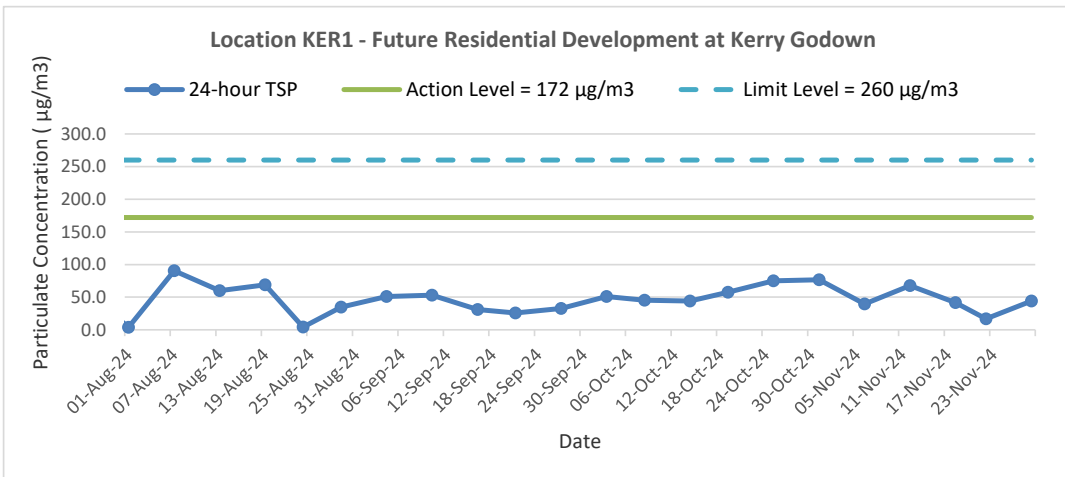
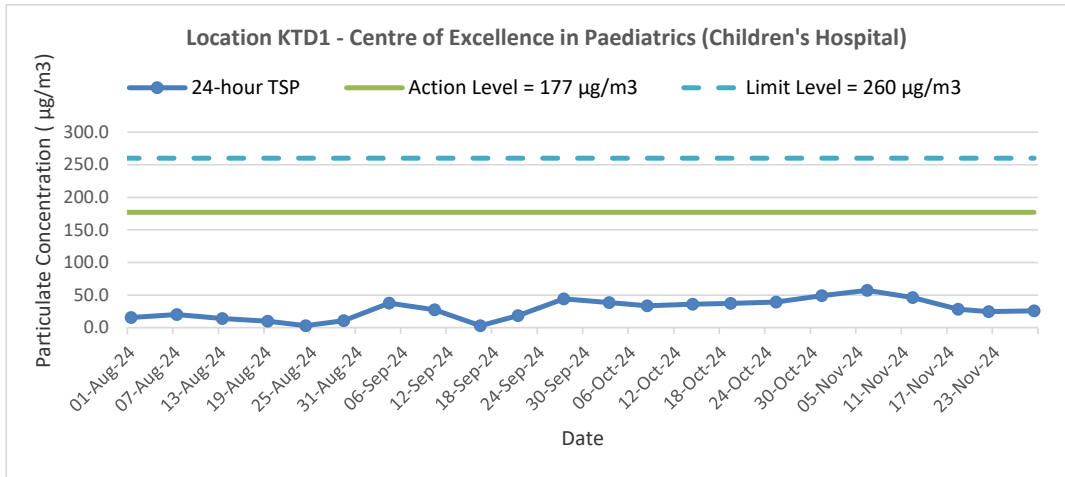
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24-hr TSP Concentration Levels



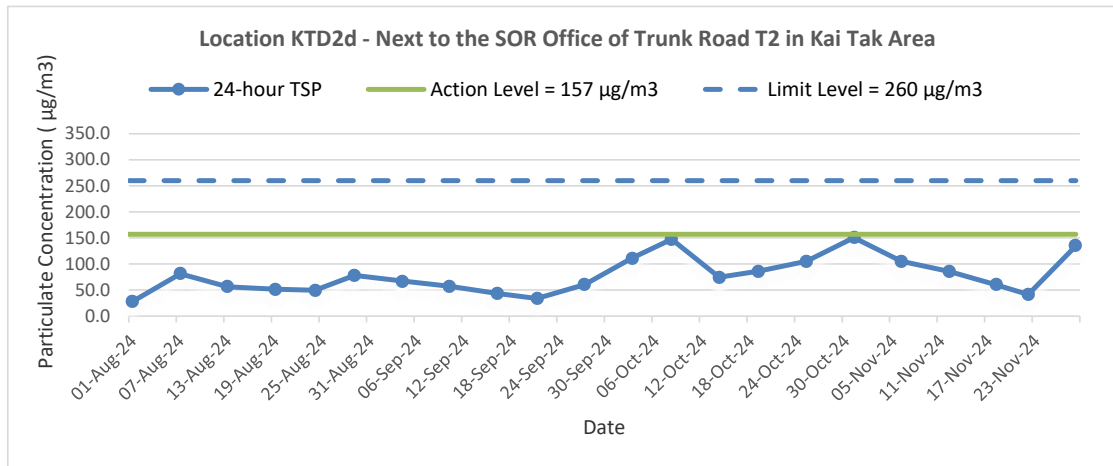
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Nov-24	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Nov-24	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	Nov-24	Project No.	MA20003	
			Appendix	F	