

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					
4-Oct-23	Fine	303.7	757.1	3.7185	3.8955	0.1770	6693.8	6717.9	24.0	1.22	1.22	1.22	1754.9	100.9	191.0	260.0
10-Oct-23	Sunny	298.5	763.2	3.7323	3.8499	0.1176	6717.9	6741.9	24.0	1.23	1.23	1.23	1771.6	66.4		
16-Oct-23	Fine	299.2	762.4	3.6988	3.8945	0.1958	6741.9	6765.9	24.0	1.23	1.23	1.23	1769.2	110.7		
20-Oct-23	Sunny	297.6	763.6	3.6927	3.7981	0.1054	6765.9	6789.9	24.0	1.23	1.23	1.23	1773.9	59.4		
26-Oct-23	Sunny	299.4	761.7	3.6976	3.8113	0.1136	6789.9	6813.9	24.0	1.23	1.23	1.23	1768.0	64.3		
													Min	59.4		
													Max	110.7		
													Average	80.3		

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					
4-Oct-23	Sunny	303.7	757.1	3.3530	3.5015	0.1485	19174.1	19198.1	24.0	1.22	1.22	1.22	1755.9	84.6	183.0	260.0
10-Oct-23	Fine	298.5	763.2	3.3830	3.4652	0.0822	19198.1	19222.1	24.0	1.23	1.23	1.23	1772.7	46.4		
16-Oct-23	Fine	299.2	762.4	3.4120	3.4765	0.0645	19222.1	19246.1	24.0	1.23	1.23	1.23	1770.4	36.4		
20-Oct-23	Fine	297.6	763.6	3.3371	3.4382	0.1011	19246.1	19270.1	24.0	1.23	1.24	1.23	1775.0	57.0		
26-Oct-23	Sunny	299.4	761.7	3.3338	3.4226	0.0888	19270.1	19294.1	24.0	1.23	1.23	1.23	1769.3	50.2		
													Min	36.4		
													Max	84.6		
													Average	54.9		

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					
4-Oct-23	Sunny	303.7	757.1	3.6869	3.7467	0.0599	18035.2	18059.2	24.0	1.21	1.21	1.21	1741.4	34.4	177.0	260.0
10-Oct-23	Fine	298.5	763.2	3.3529	3.3907	0.0377	18059.2	18083.2	24.0	1.22	1.22	1.22	1760.3	21.4		
16-Oct-23	Fine	299.2	762.4	3.3267	3.4254	0.0987	18083.2	18107.2	24.0	1.22	1.22	1.22	1757.7	56.2		
20-Oct-23	Sunny	297.6	763.6	3.6824	3.7330	0.0506	18110.2	18134.2	24.0	1.22	1.23	1.22	1762.9	28.7		
26-Oct-23	Sunny	299.4	761.7	3.3483	3.4106	0.0624	18134.2	18158.2	24.0	1.22	1.22	1.22	1756.5	35.5		
													Min	21.4		
													Max	56.2		
													Average	35.2		

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					
4-Oct-23	Sunny	303.7	757.1	3.3198	3.4369	0.1170	15815.6	15839.6	24.0	1.21	1.21	1.21	1742.3	67.2	172.0	260.0
10-Oct-23	Fine	298.5	763.2	3.3216	3.4561	0.1345	15839.6	15863.6	24.0	1.22	1.22	1.22	1760.9	76.4		
16-Oct-23	Cloudy	299.2	762.4	3.6859	3.8365	0.1506	15863.6	15887.6	24.0	1.22	1.22	1.22	1758.4	85.6		
20-Oct-23	Sunny	297.6	763.6	3.3465	3.4812	0.1347	15911.6	15935.6	24.0	1.22	1.23	1.22	1763.5	76.4		
26-Oct-23	Sunny	299.4	761.7	3.3470	3.5448	0.1978	15935.6	15959.6	24.0	1.22	1.22	1.22	1757.1	112.5		
													Min	67.2		
													Max	112.5		
													Average	83.6		

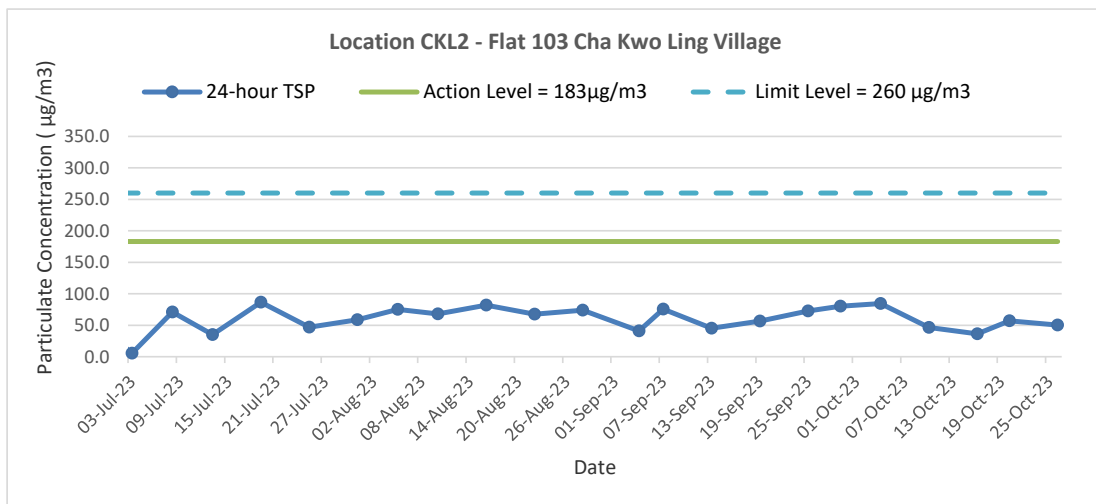
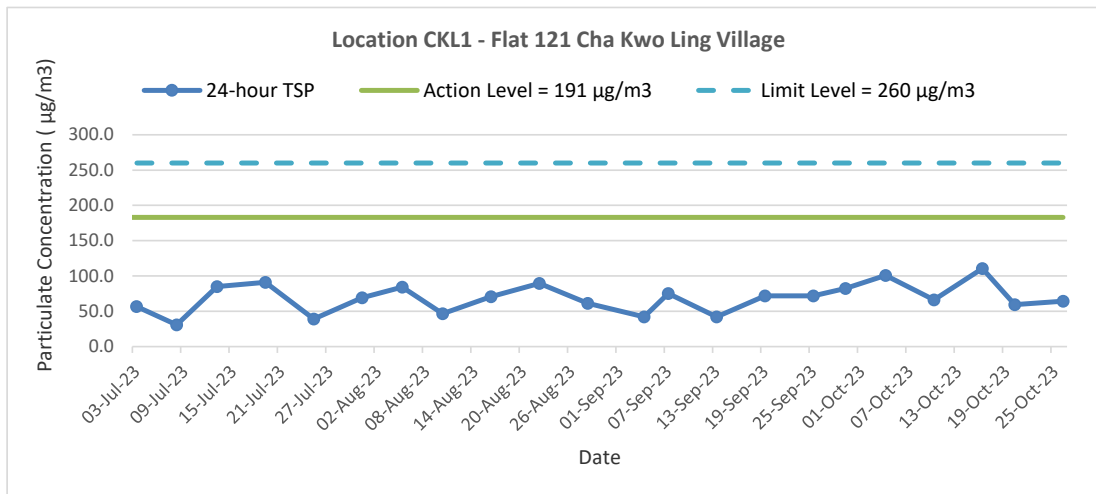
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
4-Oct-23	Sunny	303.7	757.1	3.7127	3.8601	0.1474	16505.3	16529.3	24.0	1.21	1.21	1.21	1742.0	84.6	157.0	260.0
10-Oct-23	Fine	298.5	763.2	3.3495	3.3985	0.0490	16529.3	16553.3	24.0	1.22	1.22	1.22	1759.8	27.8		
16-Oct-23	Fine	299.2	762.4	3.7194	3.9211	0.2017	16553.3	16577.3	24.0	1.22	1.22	1.22	1757.4	114.8		
20-Oct-23	Fine	297.6	763.6	3.6461	3.7398	0.0937	16577.3	16601.3	24.0	1.22	1.23	1.22	1762.2	53.2		
26-Oct-23	Sunny	299.4	761.7	3.7342	3.8532	0.1190	16601.3	16625.3	24.0	1.22	1.22	1.22	1756.2	67.8		
													Min	27.8		
													Max	114.8		
													Average	69.6		

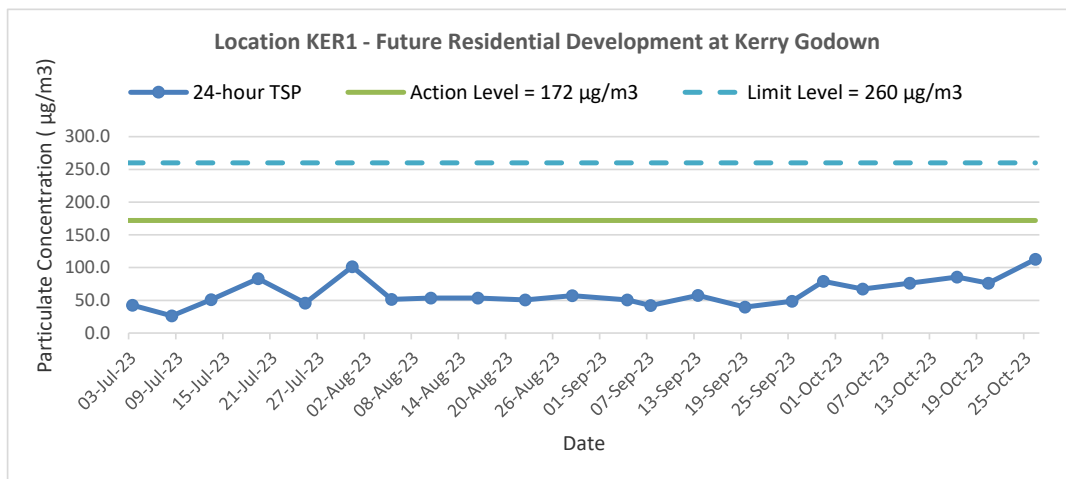
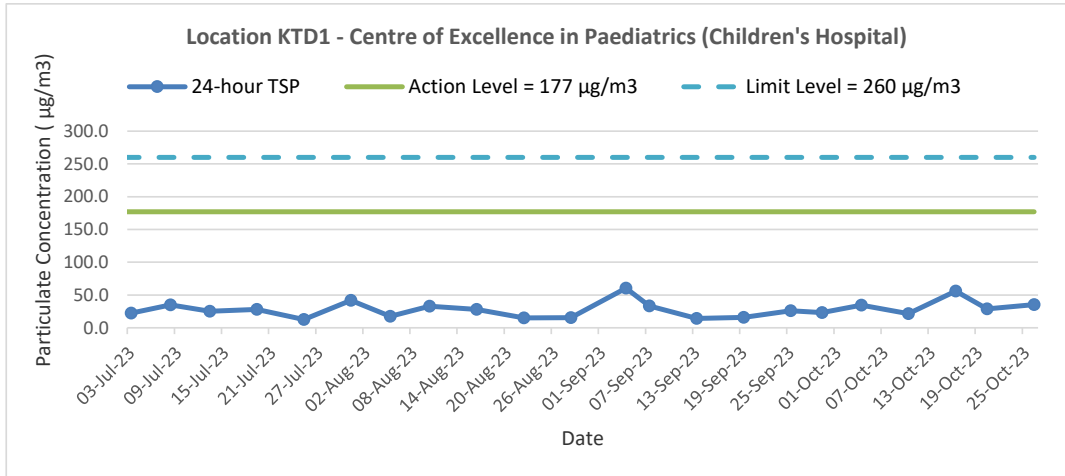
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24-hr TSP Concentration Levels



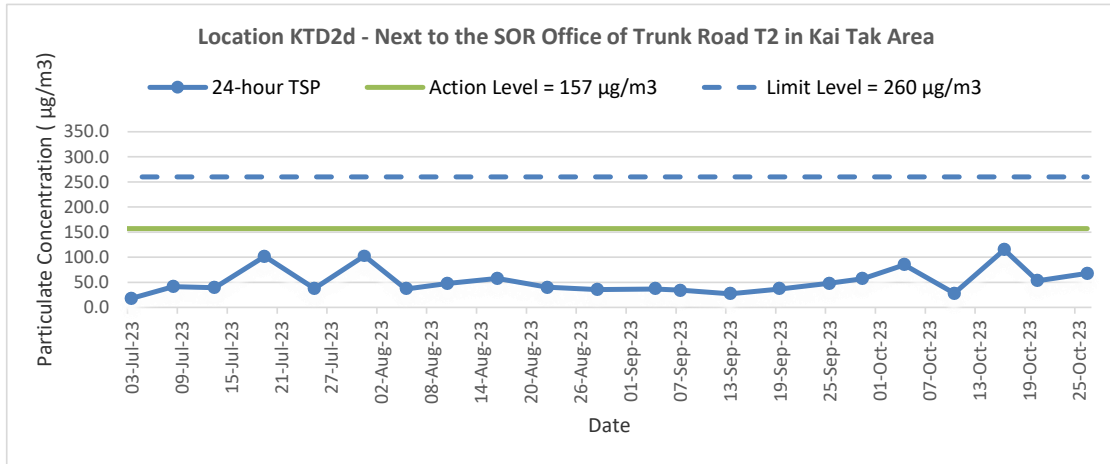
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Oct-23	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Oct-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 Oct-23	Project No. MA20003	
		Appendix F	