

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					
3-Oct-24	Sunny	299.6	761.4	2.8139	2.9306	0.1167	14230.8	14254.8	24.0	1.23	1.23	1.23	1768.7	66.0	191.0	260.0
8-Oct-24	Sunny	300.3	761.4	2.8115	2.9208	0.1093	14254.8	14278.8	24.0	1.23	1.23	1.23	1766.3	61.9		
14-Oct-24	Sunny	301.1	761.2	2.8511	2.9763	0.1252	14278.8	14302.8	24.0	1.23	1.23	1.23	1765.1	70.9		
19-Oct-24	Sunny	301.6	762.5	2.8054	2.9593	0.1538	14302.8	14326.8	24.0	1.22	1.23	1.23	1765.2	87.1		
25-Oct-24	Sunny	299.3	756.0	2.8124	3.1388	0.3264	14326.8	14350.8	24.0	1.23	1.22	1.23	1764.4	185.0		
31-Oct-24	Sunny	300.0	756.9	2.7735	2.9760	0.2025	14350.8	14374.8	24.0	1.22	1.23	1.22	1763.7	114.8		
													Min	61.9		
													Max	185.0		
													Average	97.6		

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					
3-Oct-24	Sunny	299.6	761.4	2.8076	2.9535	0.1459	20831.8	20855.8	24.0	1.23	1.23	1.23	1769.2	82.5	183.0	260.0
8-Oct-24	Sunny	300.3	761.4	2.7981	2.9332	0.1351	20855.8	20879.8	24.0	1.23	1.23	1.23	1767.5	76.4		
14-Oct-24	Sunny	301.1	761.2	2.8036	2.9254	0.1218	20882.0	20906.0	24.0	1.23	1.23	1.23	1765.5	69.0		
19-Oct-24	Sunny	301.6	762.5	2.7941	2.9433	0.1491	20906.0	20930.0	24.0	1.22	1.23	1.23	1765.5	84.5		
25-Oct-24	Sunny	299.3	756.0	2.8244	3.0351	0.2107	20930.0	20954.0	24.0	1.23	1.23	1.23	1764.8	119.4		
31-Oct-24	Sunny	300.0	756.9	2.8342	3.0695	0.2353	20954.0	20978.0	24.0	1.22	1.23	1.23	1764.1	133.4		
													Min	69.0		
													Max	133.4		
													Average	94.2		

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					
3-Oct-24	Sunny	299.6	761.4	2.7868	2.8544	0.0676	19653.8	19677.8	24.0	1.23	1.22	1.22	1763.5	38.4	177.0	260.0
8-Oct-24	Cloudy	300.3	761.4	2.8037	2.8625	0.0588	19677.8	19701.8	24.0	1.22	1.22	1.22	1761.7	33.4		
14-Oct-24	Sunny	301.1	761.2	2.8021	2.8655	0.0634	19708.4	19732.4	24.0	1.22	1.22	1.22	1759.7	36.0		
19-Oct-24	Sunny	301.6	762.5	2.8155	2.8809	0.0654	19732.4	19756.4	24.0	1.22	1.22	1.22	1759.7	37.1		
25-Oct-24	Sunny	299.3	756.0	2.8000	2.8690	0.0690	19756.4	19780.4	24.0	1.22	1.22	1.22	1759.0	39.2		
31-Oct-24	Sunny	300.0	756.9	2.8154	2.9017	0.0862	19780.4	19804.4	24.0	1.22	1.22	1.22	1758.3	49.0		
													Min	33.4		
													Max	49.0		
													Average	38.9		

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					
3-Oct-24	Sunny	299.6	761.4	2.7657	2.8559	0.0902	17485.9	17509.9	24.0	1.23	1.22	1.23	1764.3	51.1	172.0	260.0
8-Oct-24	Cloudy	300.3	761.4	2.7755	2.8552	0.0797	17509.9	17533.9	24.0	1.22	1.23	1.22	1762.5	45.2		
14-Oct-24	Sunny	301.1	761.2	2.8346	2.9122	0.0776	17533.9	17557.9	24.0	1.22	1.22	1.22	1760.5	44.1		
19-Oct-24	Sunny	301.6	762.5	2.8377	2.9390	0.1013	17564.6	17588.6	24.0	1.22	1.22	1.22	1760.5	57.5		
25-Oct-24	Sunny	299.3	756.0	2.8346	2.9670	0.1323	17588.6	17612.6	24.0	1.22	1.22	1.22	1759.8	75.2		
31-Oct-24	Sunny	300.0	756.9	2.8022	2.9370	0.1348	17612.6	17636.6	24.0	1.22	1.22	1.22	1759.8	76.6		
													Min	44.1		
													Max	76.6		
													Average	58.3		

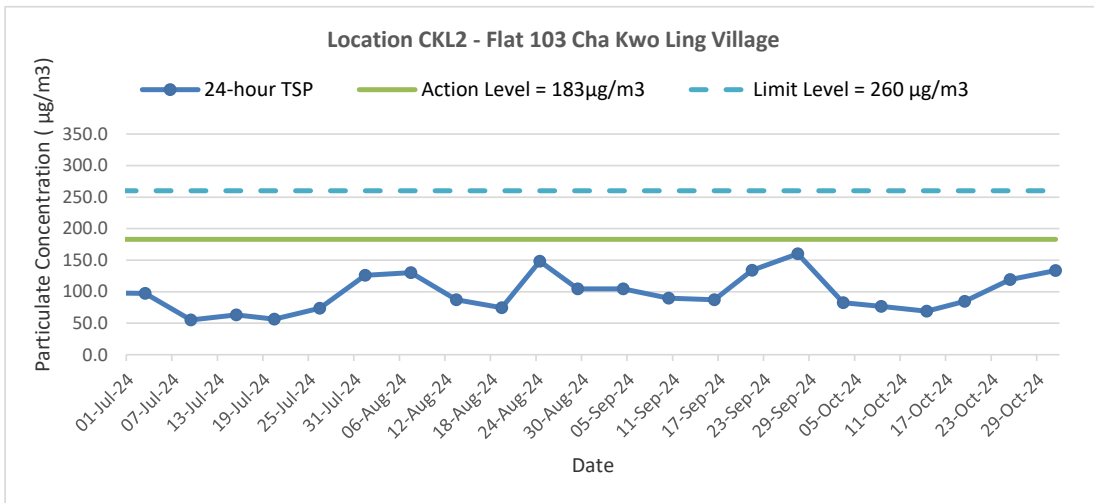
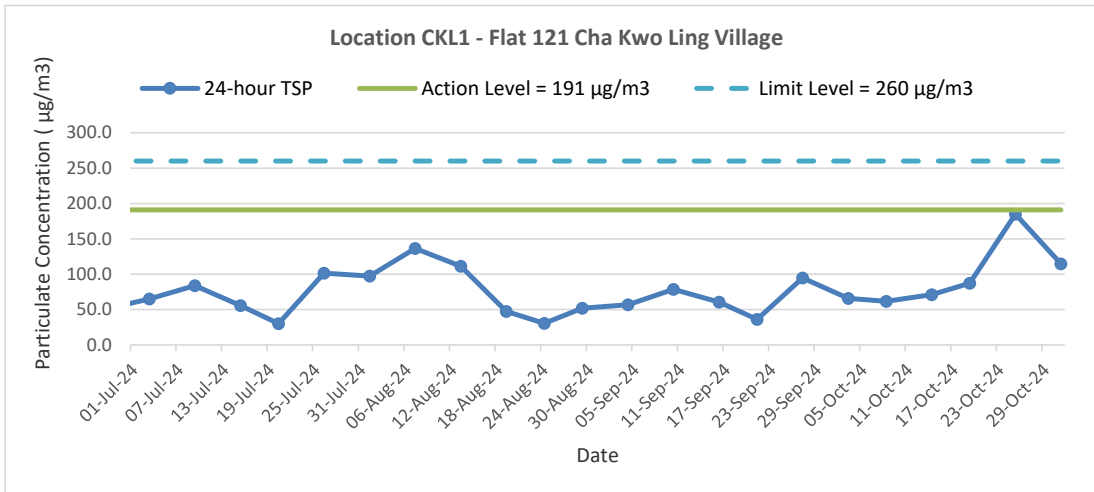
Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Oct-24	Sunny	299.6	761.4	2.7879	2.9849	0.1970	18233.6	18257.6	24.0	1.23	1.23	1.23	1766.3	111.5	157.0	260.0
8-Oct-24	Cloudy	300.3	761.4	2.7834	3.0439	0.2605	18257.6	18281.6	24.0	1.22	1.23	1.23	1764.5	147.6		
14-Oct-24	Sunny	301.1	761.2	2.8298	2.9611	0.1313	18290.2	18314.2	24.0	1.22	1.22	1.22	1762.5	74.5		
19-Oct-24	Sunny	301.6	762.5	2.8193	2.9718	0.1525	18314.2	18338.2	24.0	1.22	1.23	1.22	1762.5	86.5		
25-Oct-24	Sunny	299.3	756.0	2.8322	3.0176	0.1854	18338.2	18362.2	24.0	1.22	1.22	1.22	1761.7	105.2		
31-Oct-24	Sunny	300.0	756.9	2.8217	3.0868	0.2651	18362.2	18386.2	24.0	1.22	1.22	1.22	1761.0	150.5		
													Min	74.5		
													Max	150.5		
													Average	112.7		

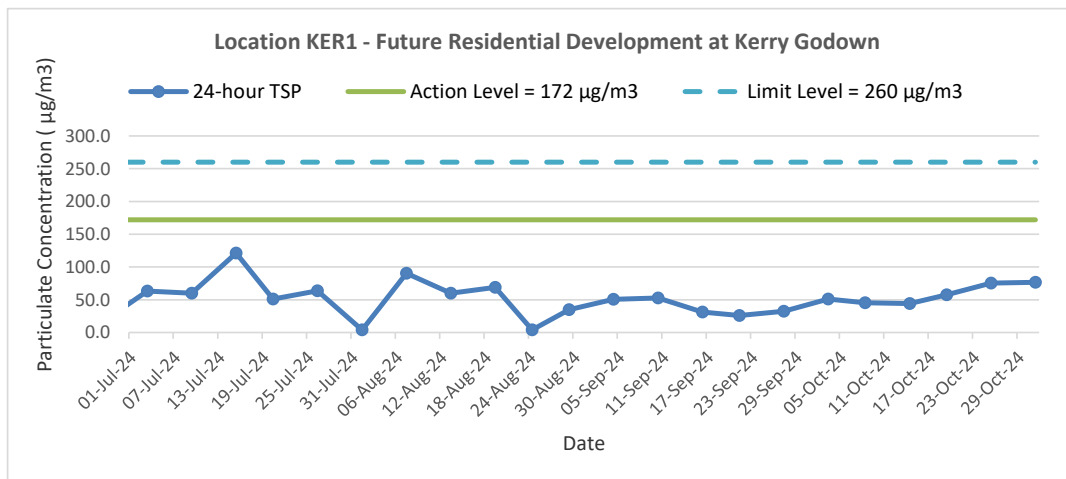
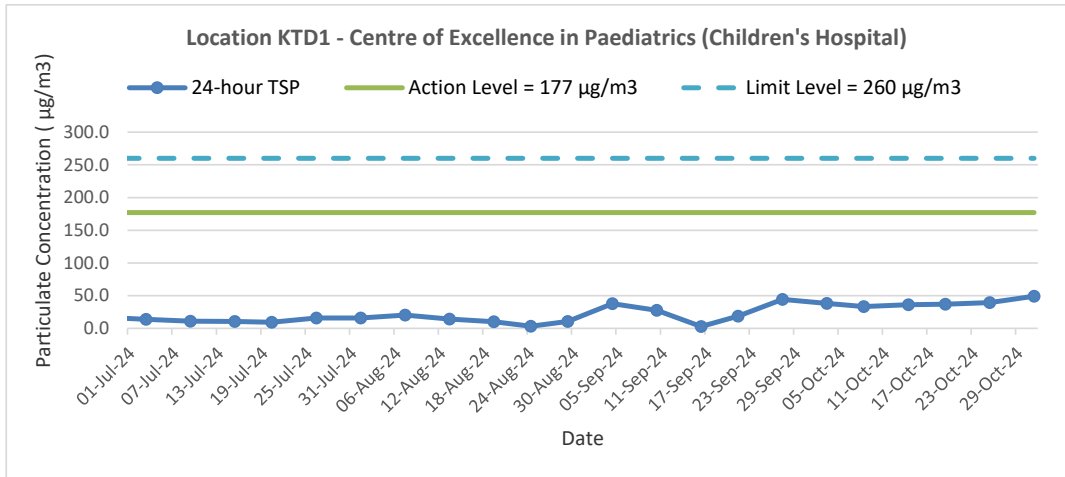
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24-hr TSP Concentration Levels



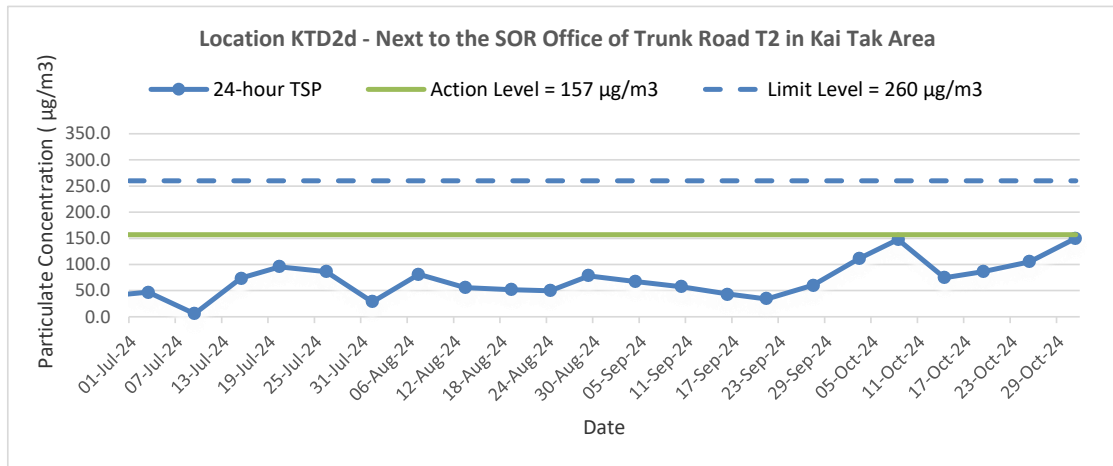
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Oct-24	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



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