

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					
5-Oct-22	Sunny	302.0	762.0	3.3118	3.5457	0.2339	4923.1	4947.1	24.0	1.22	1.22	1.22	1762.8	132.7	191.0	260.0
11-Oct-22	Sunny	297.7	763.1	3.3607	3.4584	0.0977	4947.1	4971.1	24.1	1.23	1.23	1.23	1778.7	54.9		
17-Oct-22	Fine	297.1	759.3	3.3780	3.6752	0.2971	4971.1	4995.1	24.0	1.22	1.24	1.23	1771.6	167.7		
22-Oct-22	Sunny	299.6	762.4	3.6892	3.8560	0.1668	4995.1	5019.1	24.0	1.23	1.23	1.23	1768.6	94.3		
27-Oct-22	Sunny	298.1	762.7	3.2814	3.6445	0.3631	4971.4	4995.4	24.0	1.23	1.23	1.23	1772.3	204.9		

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

Min	54.9
Max	204.9
Average	130.9

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					
5-Oct-22	Sunny	302.0	762.0	3.3000	3.5186	0.2186	17127.9	17151.9	24.0	1.23	1.23	1.23	1766.8	123.7	183.0	260.0
11-Oct-22	Sunny	297.7	763.1	3.3109	3.5296	0.2187	17151.9	17175.9	24.0	1.24	1.23	1.24	1778.8	122.9		
17-Oct-22	Fine	297.1	759.3	3.3010	3.6672	0.3662	17175.9	17199.9	24.0	1.23	1.24	1.23	1776.7	206.1		
22-Oct-22	Cloudy	299.6	762.4	3.3239	3.5050	0.1811	17199.9	17223.9	24.0	1.23	1.23	1.23	1773.3	102.1		
27-Oct-22	Sunny	298.1	762.7	3.3725	3.5640	0.1915	17223.9	17247.9	24.0	1.24	1.23	1.23	1777.4	107.7		

Note: ***Bold Italic*** means Action Level exceedance
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Min	102.1
Max	206.1
Average	132.5

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					
5-Oct-22	Sunny	302.0	762.0	3.3139	3.3567	0.0429	16403.0	16427.0	24.0	1.22	1.22	1.22	1754.4	24.4	177.0	260.0
11-Oct-22	Sunny	297.7	763.1	3.3129	3.3992	0.0863	16427.0	16451.0	24.1	1.23	1.23	1.23	1772.5	48.7		
17-Oct-22	Cloudy	297.1	759.3	3.3270	3.4639	0.1369	16451.0	16475.0	24.0	1.22	1.23	1.23	1764.4	77.6		
22-Oct-22	Sunny	299.6	762.4	3.3552	3.4477	0.0925	16475.1	16499.1	24.0	1.22	1.22	1.22	1761.0	52.6		
27-Oct-22	Windy	298.1	762.7	3.4123	3.4695	0.0572	16499.1	16523.0	24.0	1.23	1.22	1.23	1764.5	32.4		

Note: ***Bold Italic*** means Action Level exceedance
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Min	24.4
Max	77.6
Average	47.1

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					
5-Oct-22	Fine	302.0	762.0	3.3631	3.6490	0.2859	14064.0	14088.0	24.0	1.22	1.22	1.22	1755.5	162.9	172.0	260.0
11-Oct-22	Sunny	297.7	763.1	3.3309	3.6178	0.2869	14088.0	14112.0	24.0	1.23	1.23	1.23	1767.8	162.3		
17-Oct-22	Cloudy	297.1	759.3	3.3667	4.0751	0.7084	14112.0	14136.0	24.0	1.22	1.23	1.23	1765.6	401.2		
22-Oct-22	Sunny	299.6	762.4	3.3758	3.7256	0.3498	14136.0	14160.0	24.0	1.22	1.22	1.22	1762.2	198.5		
27-Oct-22	Sunny	298.1	762.7	3.6757	3.9106	0.2349	14183.0	14207.0	24.0	1.23	1.23	1.23	1766.4	133.0		

Note: ***Bold Italic*** means Action Level exceedance
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Min	133.0
Max	401.2
Average	211.6

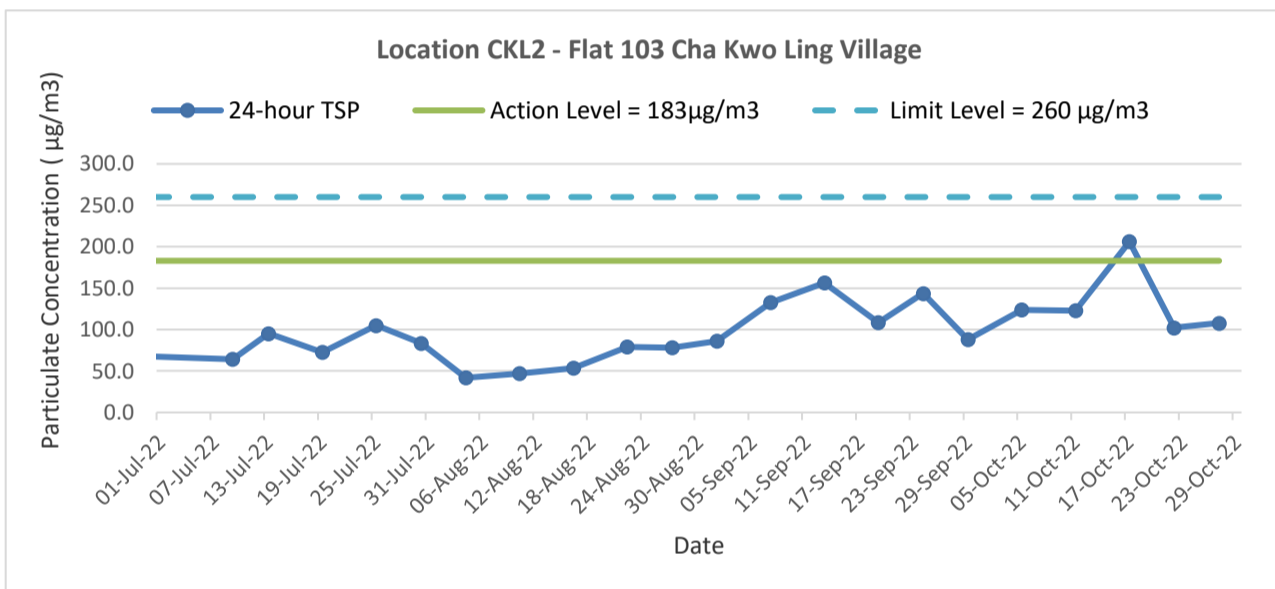
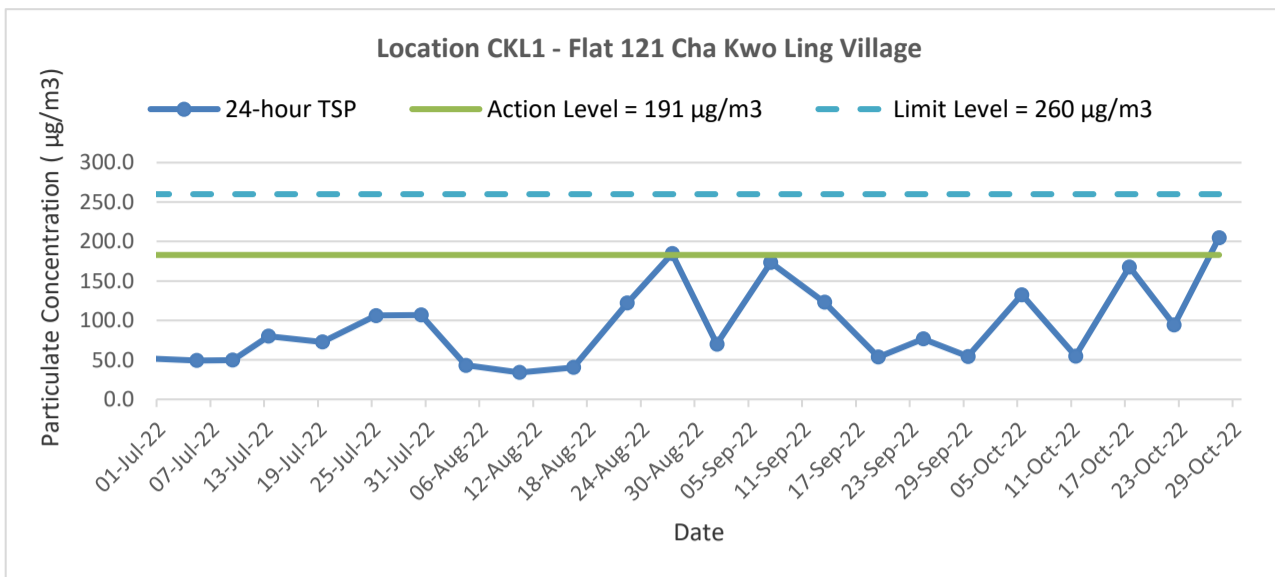
Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
5-Oct-22	Sunny	302.0	762.0	3.3488	3.5219	0.1731	14848.1	14872.1	24.0	1.22	1.22	1.22	1756.0	98.6	157.0	260.0
11-Oct-22	Sunny	297.7	763.1	3.3657	3.5843	0.2187	14872.1	14896.1	24.0	1.23	1.23	1.23	1769.5	123.6		
17-Oct-22	Cloudy	297.1	759.3	3.3593	3.8828	0.5235	14896.1	14920.1	24.0	1.22	1.23	1.23	1765.9	296.5		
22-Oct-22	Sunny	299.6	762.4	3.3500	3.6334	0.2834	14920.1	14944.1	24.0	1.22	1.22	1.22	1762.5	160.8		
27-Oct-22	Rainy	298.1	762.7	3.7079	3.9166	0.2087	14968.1	14992.1	24.0	1.23	1.23	1.23	1766.7	118.1		

Note: ***Bold Italic*** means Action Level exceedance
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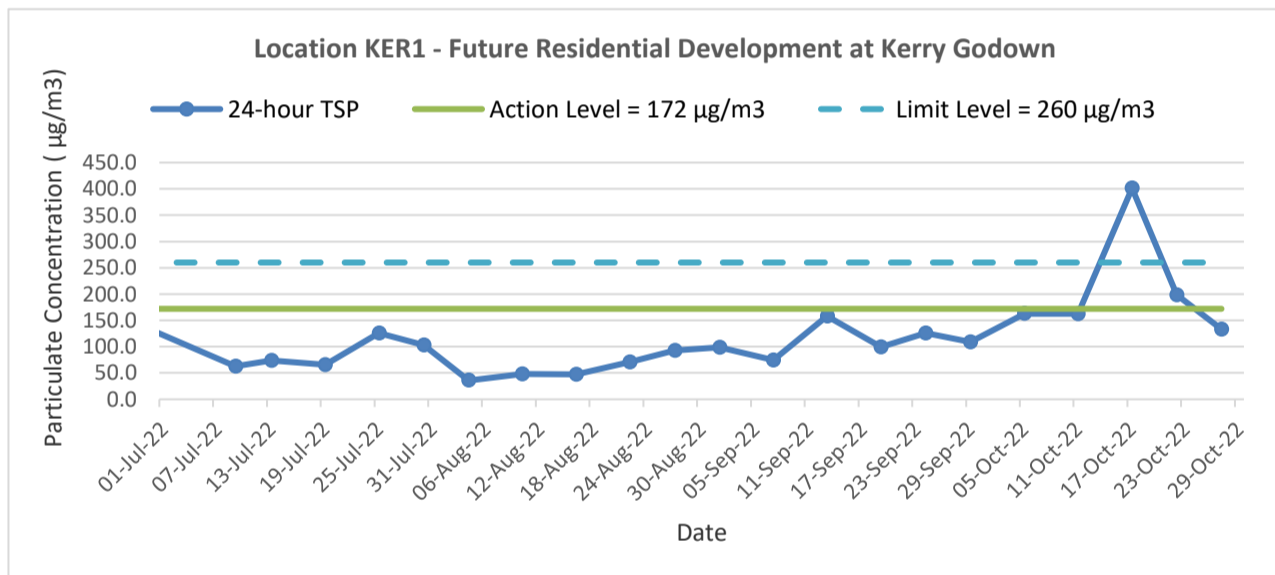
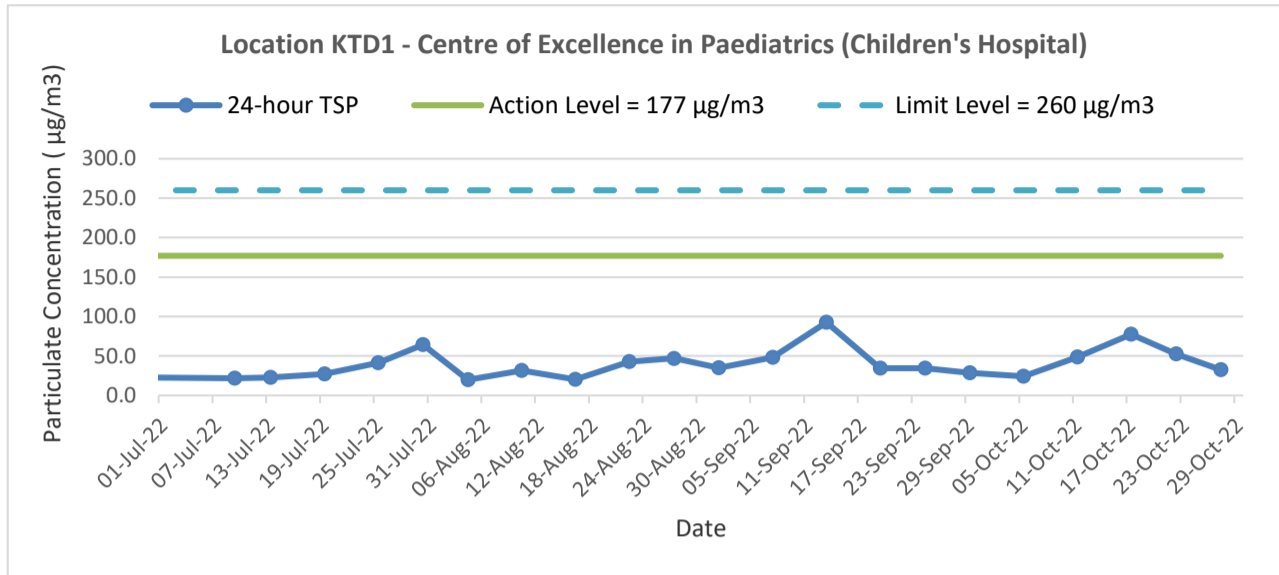
Min	98.6
Max	296.5
Average	159.5

24-hr TSP Concentration Levels



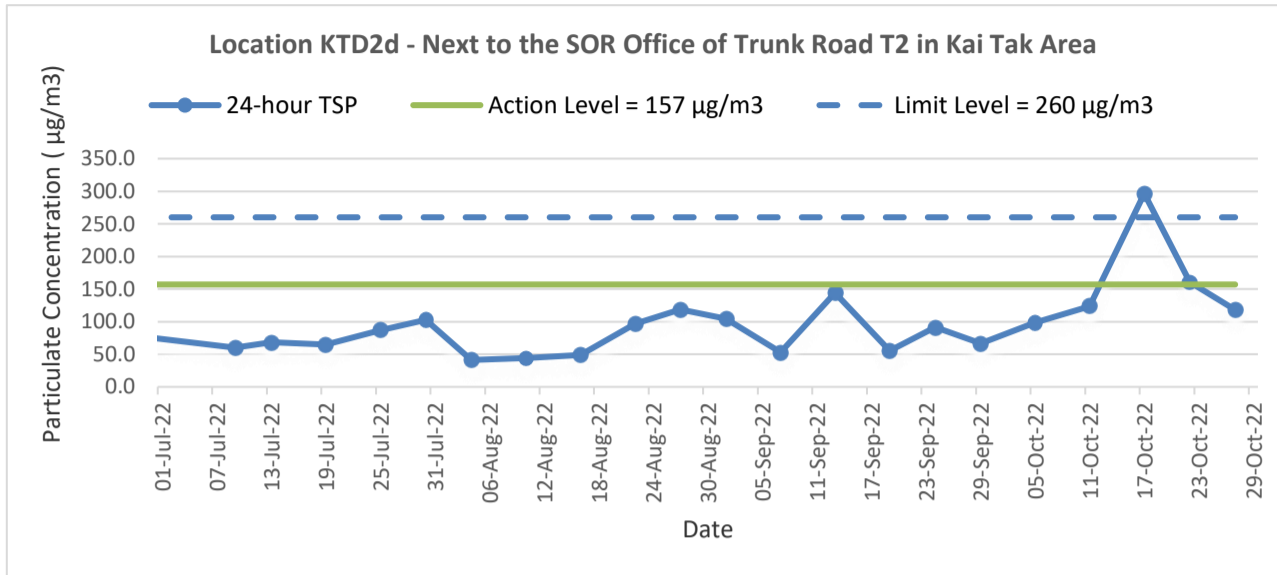
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Oct-22	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Oct-22	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	Oct-22	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	