

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-Aug-22	Rainy	299.6	755.5	3.3181	3.3939	0.0758	4659.0	4683.0	24.0	1.22	1.22	1.22	1758.2	43.1	191.0	260.0
10-Aug-22	Cloudy	300.1	755.5	3.3160	3.3762	0.0601	4683.0	4707.0	24.0	1.22	1.22	1.22	1758.6	34.2		
16-Aug-22	Sunny	301.8	755.3	3.3006	3.3718	0.0711	4707.0	4731.0	24.0	1.22	1.22	1.22	1753.1	40.6		
22-Aug-22	Sunny	303.6	755.5	3.4152	3.6289	0.2138	4731.0	4755.0	24.0	1.22	1.21	1.21	1749.3	122.2		
27-Aug-22	Sunny	303.1	757.6	3.4100	3.7337	0.3237	4755.0	4779.1	24.0	1.22	1.22	1.22	1753.0	184.6		
													Min	34.2		
													Max	184.6		
													Average	84.9		

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-Aug-22	Rainy	299.6	755.5	3.3186	3.3925	0.0739	16863.7	16887.7	24.0	1.22	1.22	1.22	1761.7	41.9	183.0	260.0
10-Aug-22	Rainy	300.1	755.5	3.3407	3.4236	0.0829	16887.7	16911.7	24.0	1.22	1.22	1.22	1760.5	47.1		
16-Aug-22	Rainy	301.8	755.3	3.3029	3.3970	0.0941	16911.7	16935.7	24.0	1.22	1.22	1.22	1755.9	53.6		
22-Aug-22	Sunny	303.6	755.5	3.3975	3.5363	0.1388	16935.7	16959.7	24.0	1.22	1.21	1.22	1751.0	79.3		
27-Aug-22	Sunny	303.1	757.6	3.4086	3.5459	0.1373	16959.7	16983.7	24.0	1.22	1.22	1.22	1754.3	78.3		
													Min	41.9		
													Max	79.3		
													Average	60.0		

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-Aug-22	Cloudy	299.6	755.5	3.3380	3.3731	0.0351	16138.9	16162.9	24.0	1.22	1.23	1.22	1763.5	19.9	177.0	260.0
10-Aug-22	Rainy	300.1	755.5	3.3537	3.4096	0.0559	16162.9	16186.9	24.0	1.22	1.22	1.22	1761.6	31.7		
16-Aug-22	Sunny	301.8	755.3	3.3819	3.4177	0.0358	16186.9	16210.9	24.0	1.22	1.22	1.22	1757.1	20.4		
22-Aug-22	Sunny	303.6	755.5	3.3986	3.4738	0.0752	16210.9	16234.9	24.0	1.22	1.22	1.22	1752.9	42.9		
27-Aug-22	Sunny	303.1	757.6	3.3742	3.4567	0.0825	16234.9	16258.9	24.0	1.22	1.22	1.22	1756.2	47.0		
													Min	19.9		
													Max	47.0		
													Average	32.4		

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-Aug-22	Cloudy	299.6	755.5	3.3350	3.3985	0.0635	13799.9	13823.9	24.0	1.22	1.23	1.22	1762.8	36.0	172.0	260.0
10-Aug-22	Rainy	300.1	755.5	3.4135	3.4987	0.0852	13823.9	13847.9	24.0	1.22	1.22	1.22	1760.8	48.4		
16-Aug-22	Cloudy	301.8	755.3	3.3691	3.4523	0.0831	13847.9	13871.9	24.0	1.22	1.22	1.22	1756.1	47.3		
22-Aug-22	Sunny	303.6	755.5	3.4028	3.5272	0.1244	13871.9	13895.9	24.0	1.22	1.22	1.22	1751.6	71.0		
27-Aug-22	Sunny	303.1	757.6	3.3704	3.5333	0.1629	13895.9	13919.9	24.0	1.22	1.22	1.22	1755.1	92.8		
													Min	36.0		
													Max	92.8		
													Average	59.1		

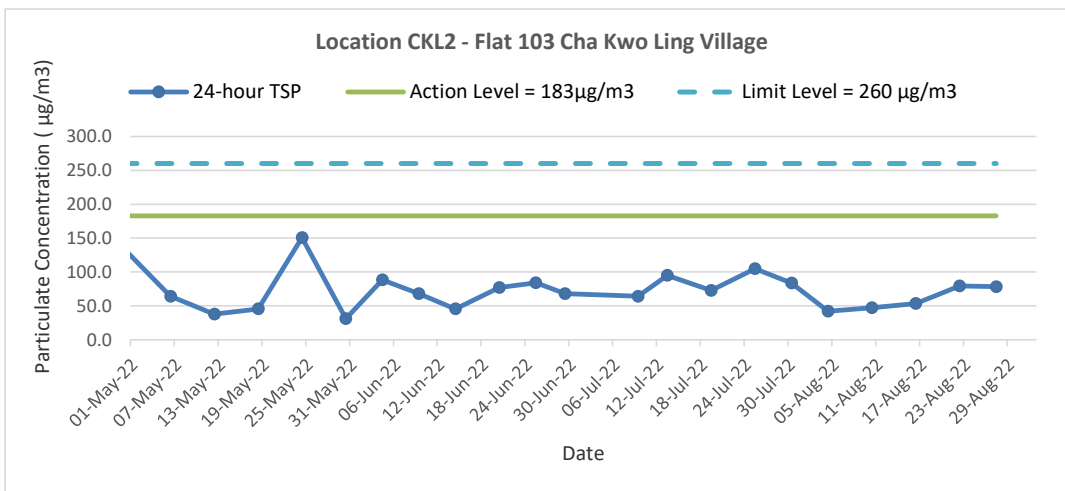
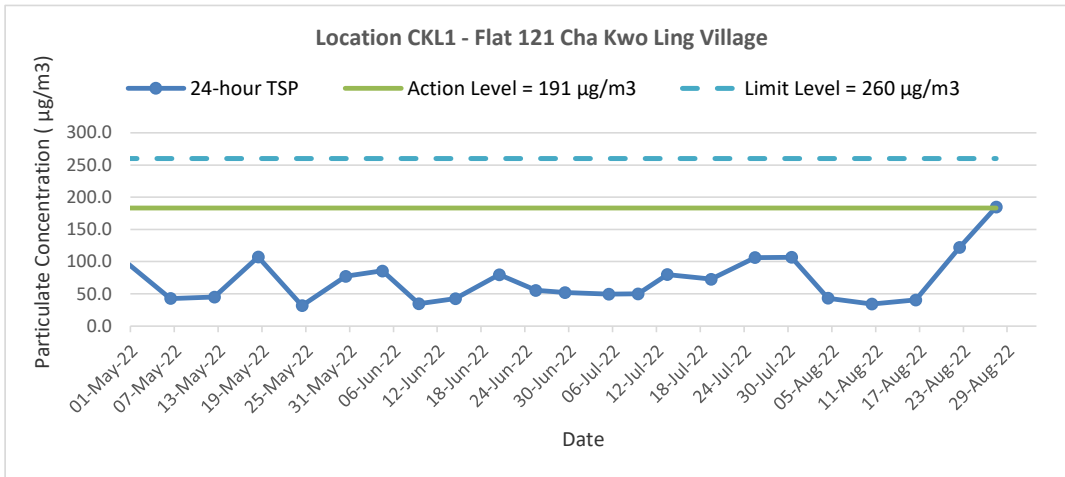
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
4-Aug-22	Cloudy	299.6	755.5	3.3368	3.4099	0.0732	14559.9	14583.9	24.0	1.22	1.23	1.22	1763.2	41.5	157.0	260.0
10-Aug-22	Rainy	300.1	755.5	3.3819	3.4597	0.0778	14583.9	14607.9	24.0	1.22	1.22	1.22	1761.2	44.2		
16-Aug-22	Rainy	301.8	755.3	3.3342	3.4206	0.0864	14607.9	14631.9	24.0	1.22	1.22	1.22	1756.6	49.2		
22-Aug-22	Sunny	303.6	755.5	3.4030	3.5731	0.1702	14631.9	14655.9	24.0	1.22	1.22	1.22	1752.2	97.1		
27-Aug-22	Sunny	303.1	757.6	3.3775	3.5857	0.2083	14655.9	14679.9	24.0	1.22	1.22	1.22	1755.7	118.6		
													Min	41.5		
													Max	118.6		
													Average	70.1		

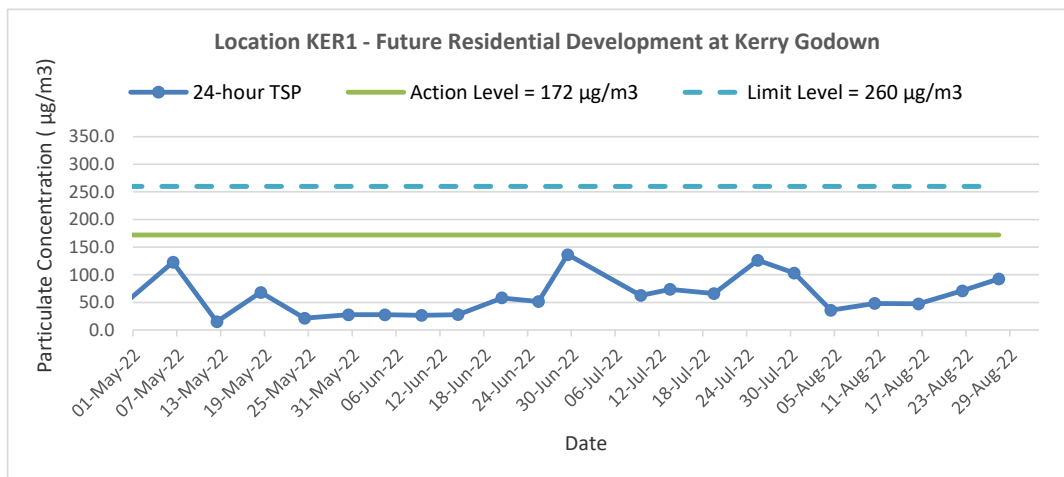
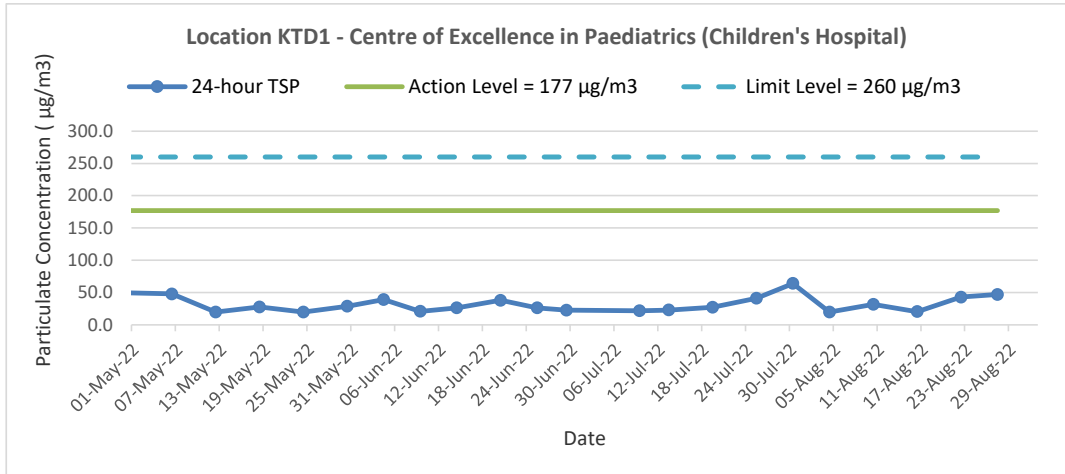
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24-hr TSP Concentration Levels



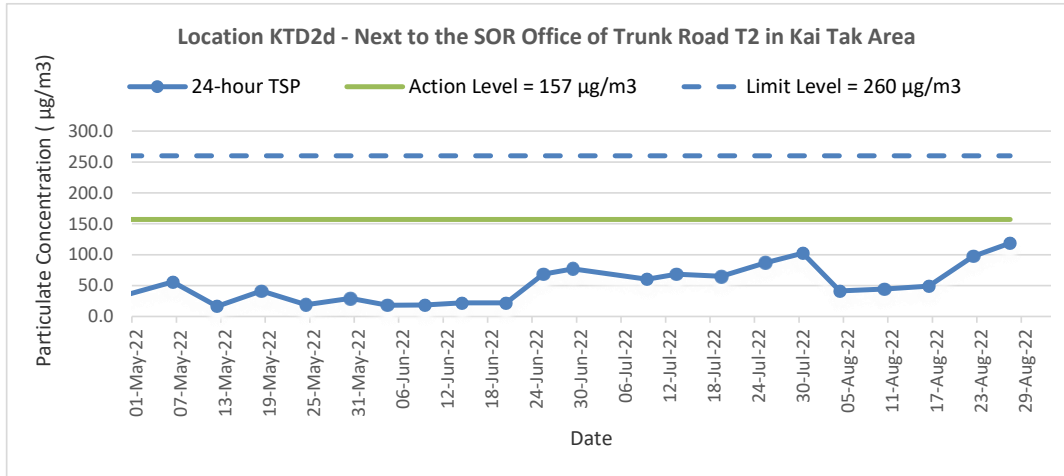
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Aug-22	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



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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 Aug-22	Project No. MA20003	CINOTECH
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