

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					
1-Sep-22	Sunny	302.5	756.2	3.3186	3.4415	0.1229	4779.1	4803.1	24.0	1.22	1.22	1.22	1752.4	70.1	191.0	260.0
7-Sep-22	Sunny	302.0	761.3	3.3023	3.6081	0.3058	4803.1	4827.1	24.0	1.22	1.22	1.22	1762.3	173.5		
13-Sep-22	Sunny	304.7	756.4	3.3970	3.6127	0.2157	4827.1	4851.1	24.0	1.22	1.22	1.22	1752.7	123.1		
19-Sep-22	Cloudy	301.9	756.3	3.3229	3.4174	0.0944	4851.1	4875.1	24.0	1.22	1.22	1.22	1758.1	53.7		
24-Sep-22	Sunny	301.6	759.1	3.3773	3.5122	0.1349	4875.1	4899.1	24.0	1.22	1.22	1.22	1762.0	76.5		
29-Sep-22	Rainy	300.2	759.4	3.3314	3.4273	0.0959	4899.1	4923.1	24.0	1.22	1.23	1.23	1764.5	54.3		
													Min	53.7		
													Max	173.5		
													Average	91.9		

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					
1-Sep-22	Sunny	302.5	756.2	3.3321	3.4834	0.1513	16983.7	17007.7	24.0	1.22	1.22	1.22	1754.5	86.2	183.0	260.0
7-Sep-22	Sunny	302.0	761.3	3.3733	3.6077	0.2345	17007.7	17031.7	24.0	1.23	1.23	1.23	1766.2	132.7		
13-Sep-22	Sunny	304.7	756.4	3.2975	3.5721	0.2746	17031.7	17055.7	24.0	1.22	1.22	1.22	1754.6	156.5		
19-Sep-22	Cloudy	301.9	756.3	3.3207	3.5119	0.1912	17055.7	17079.7	24.0	1.22	1.22	1.22	1762.3	108.5		
24-Sep-22	Sunny	301.6	759.1	3.2895	3.5429	0.2534	17079.7	17103.7	24.0	1.23	1.23	1.23	1765.1	143.6		
29-Sep-22	Rainy	300.2	759.4	3.3400	3.4957	0.1557	17103.7	17127.7	24.0	1.23	1.23	1.23	1768.7	88.0		
													Min	86.2		
													Max	156.5		
													Average	119.3		

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					
1-Sep-22	Sunny	302.5	756.2	3.3621	3.4233	0.0612	16258.9	16282.9	24.0	1.22	1.22	1.22	1756.4	34.9	177.0	260.0
7-Sep-22	Sunny	302.0	761.3	3.4244	3.5090	0.0846	16282.9	16306.9	24.0	1.22	1.22	1.22	1763.4	48.0		
13-Sep-22	Sunny	304.7	756.4	3.3064	3.4678	0.1614	16306.9	16330.9	24.0	1.21	1.21	1.21	1741.9	92.7		
19-Sep-22	Sunny	301.9	756.3	3.3040	3.3641	0.0601	16330.9	16354.9	24.0	1.21	1.22	1.21	1749.0	34.4		
24-Sep-22	Sunny	301.6	759.1	3.4129	3.4729	0.0601	16355.0	16379.0	24.0	1.22	1.22	1.22	1752.6	34.3		
29-Sep-22	Rainy	300.2	759.4	3.3552	3.4055	0.0503	16379.0	16403.0	24.0	1.22	1.22	1.22	1757.1	28.6		
													Min	28.6		
													Max	92.7		
													Average	45.5		

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
1-Sep-22	Sunny	302.5	756.2	3.3059	3.4797	0.1738	13919.9	13943.9	24.0	1.22	1.22	1.22	1755.3	99.0	172.0	260.0
7-Sep-22	Sunny	302.0	761.3	3.2981	3.4299	0.1308	13943.9	13967.9	24.0	1.22	1.22	1.22	1761.9	74.2		
13-Sep-22	Sunny	304.7	756.4	3.3474	3.6230	0.2756	13967.9	13992.0	24.0	1.21	1.21	1.21	1743.6	158.1		
19-Sep-22	Sunny	301.9	756.3	3.2828	3.4569	0.1740	13992.0	14016.0	24.0	1.21	1.22	1.22	1750.0	99.4		
24-Sep-22	Sunny	301.6	759.1	3.4045	3.6247	0.2203	14016.0	14040.0	24.0	1.22	1.22	1.22	1753.7	125.6		
29-Sep-22	Rainy	300.2	759.4	3.3559	3.5478	0.1918	14040.0	14064.0	24.0	1.22	1.22	1.22	1757.4	109.2		
													Min	74.2		
													Max	158.1		
													Average	110.9		

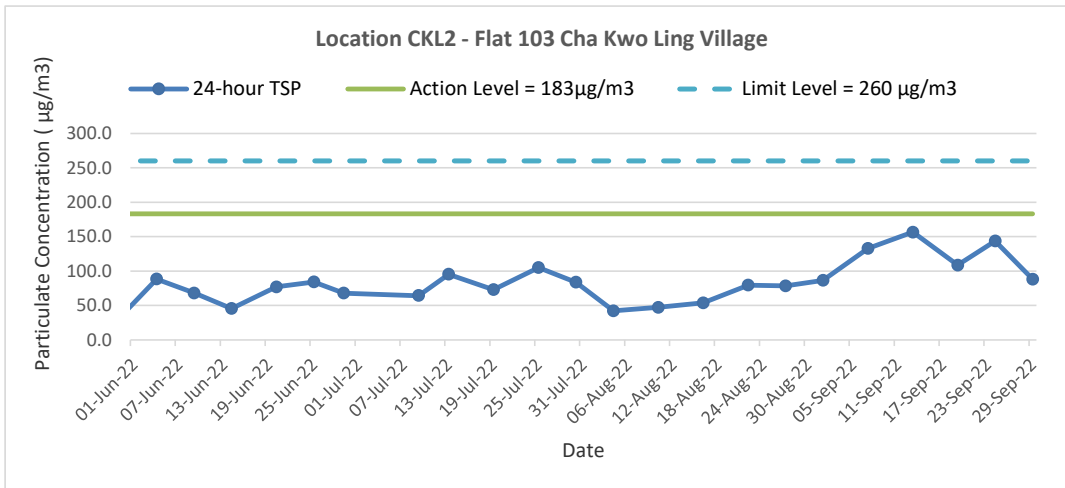
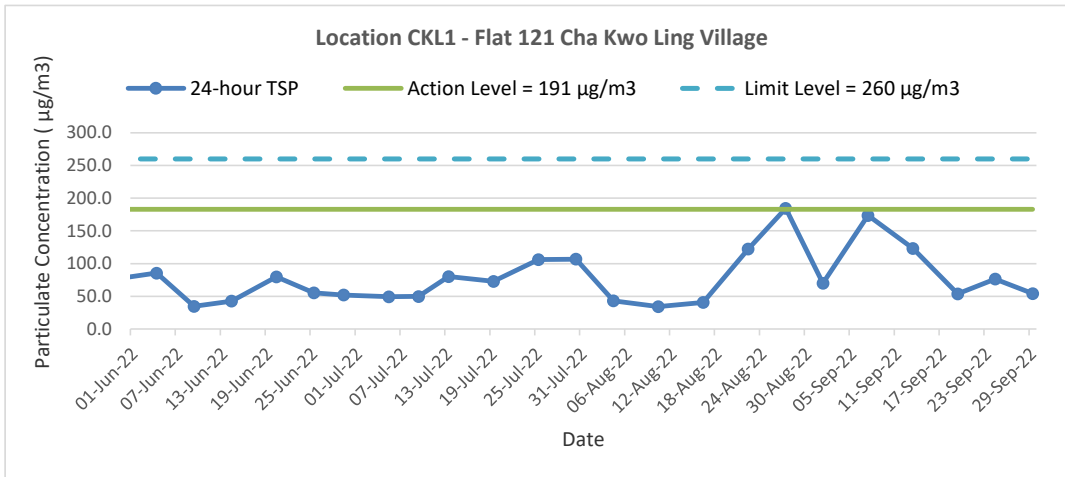
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
1-Sep-22	Sunny	302.5	756.2	3.3718	3.5555	0.1837	14679.9	14703.9	24.0	1.22	1.22	1.22	1755.9	104.6	157.0	260.0
7-Sep-22	Sunny	302.0	761.3	3.3928	3.4863	0.0935	14727.9	14751.9	24.0	1.22	1.22	1.22	1762.3	53.0		
13-Sep-22	Sunny	304.7	756.4	3.3244	3.5762	0.2518	14752.0	14776.0	24.0	1.21	1.21	1.21	1744.5	144.4		
19-Sep-22	Sunny	301.9	756.3	3.3072	3.4039	0.0967	14776.0	14800.0	24.0	1.22	1.22	1.22	1750.7	55.3		
24-Sep-22	Sunny	301.6	759.1	3.3596	3.5201	0.1605	14800.0	14824.1	24.0	1.22	1.22	1.22	1755.7	91.4		
29-Sep-22	Rainy	300.2	759.4	3.3491	3.4661	0.1169	14824.1	14848.1	24.0	1.22	1.22	1.22	1759.4	66.5		
													Min	53.0		
													Max	144.4		
													Average	85.9		

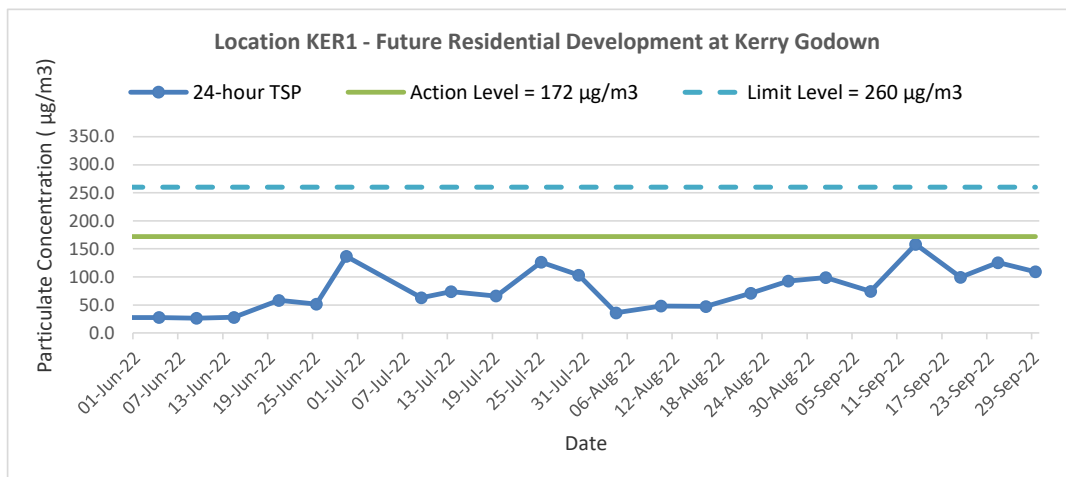
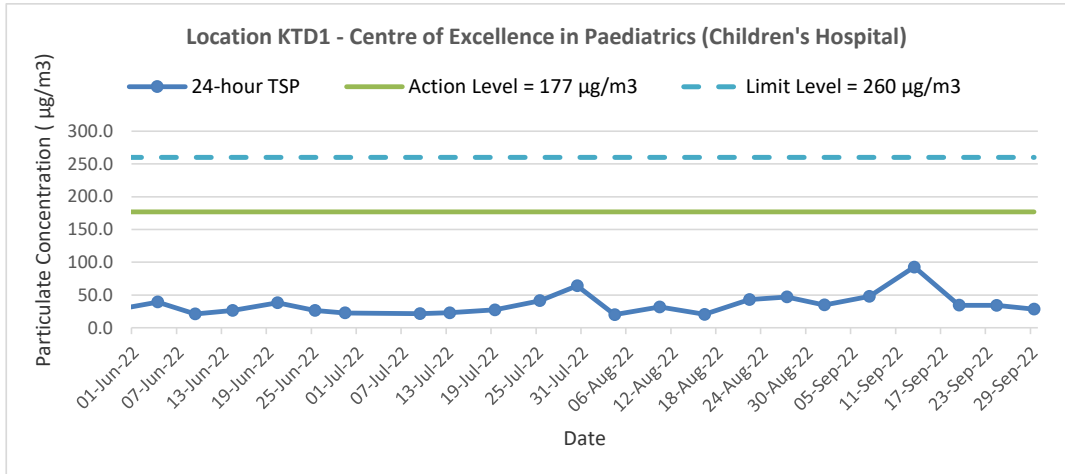
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24-hr TSP Concentration Levels



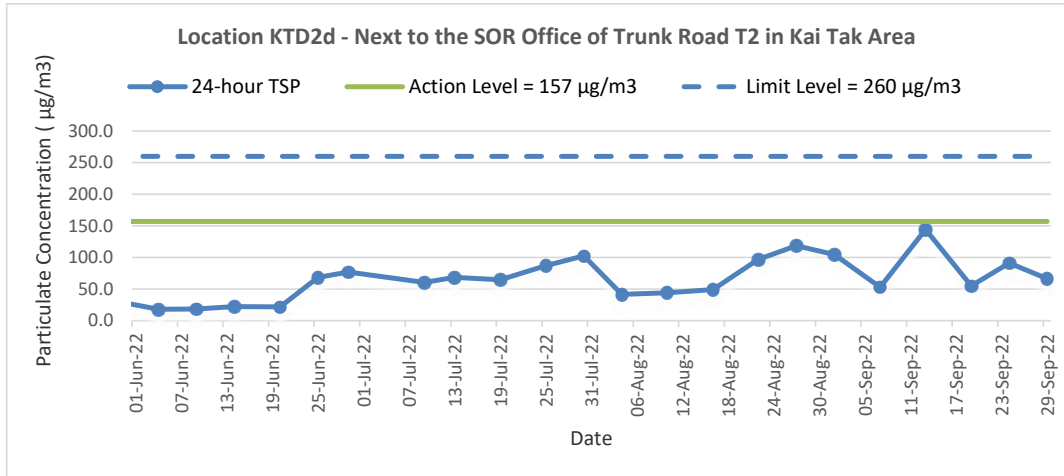
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Sep-22	Project No. MA20003	
		Appendix F	

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 Sep-22	Project No. MA20003	
		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	Project No.	CINOTECH
	Sep-22	MA20003	
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