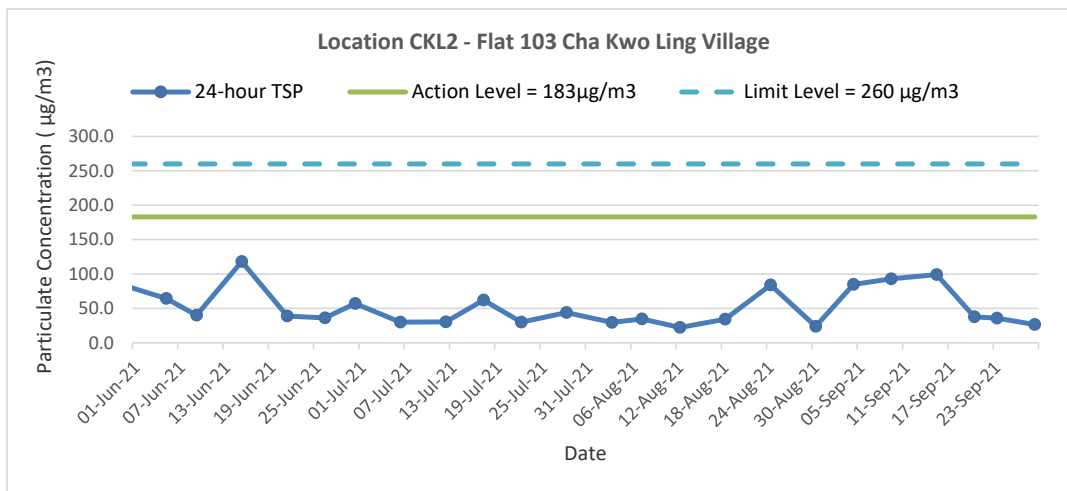
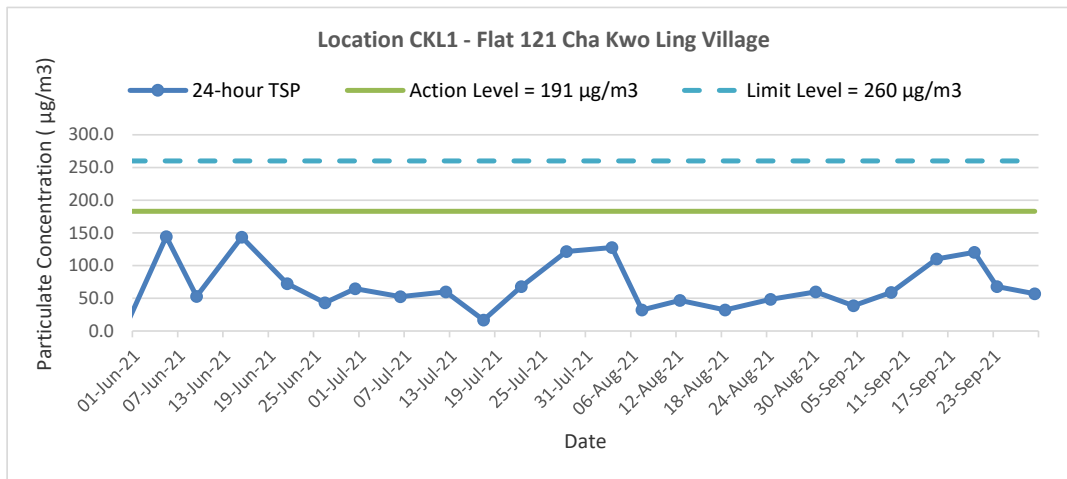
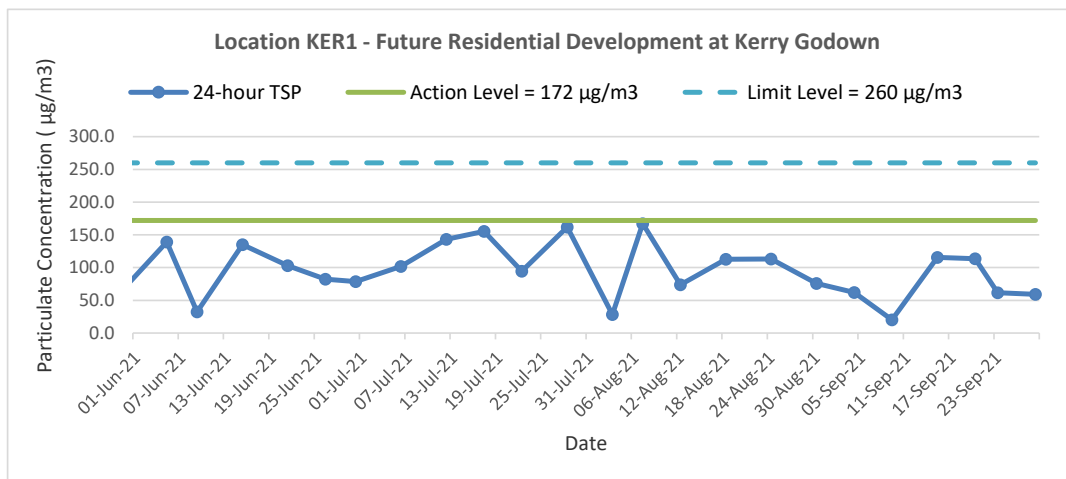
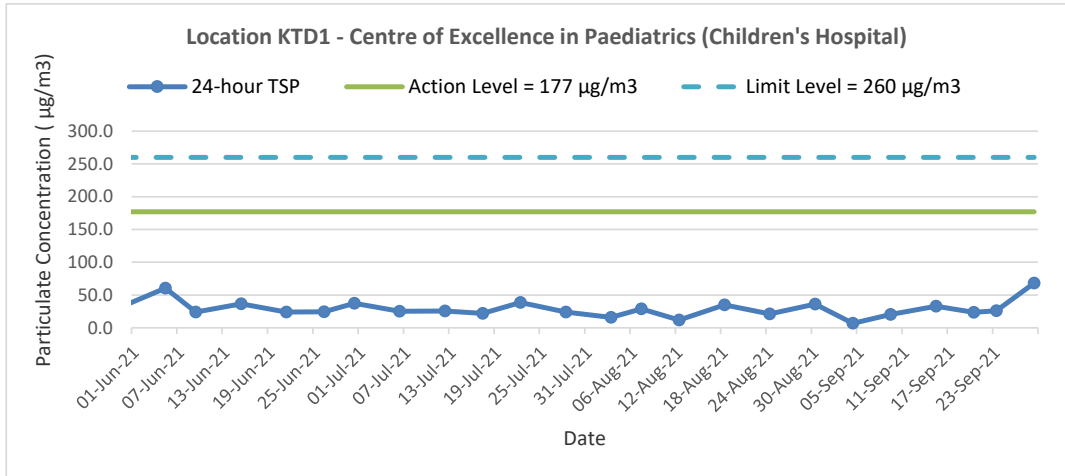


24-hr TSP Concentration Levels



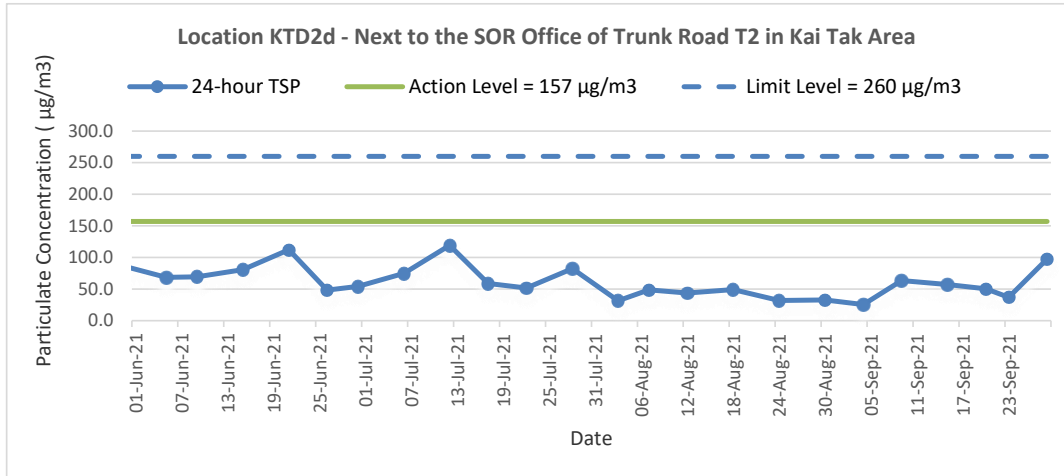
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Sep-21	Project No. MA20003	
		Appendix F	

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-21	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-21	Project No. MA20003	
		Appendix F	

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						
4-Sep-21	Sunny	302.8	757.9	3.3861	3.4540	0.0679	3018.8	3042.8	24.0	1.22	1.22	1.22	1754.3	38.7	191.0	260.0	
9-Sep-21	Sunny	303.3	757.6	3.6839	3.7871	0.1032	3042.8	3066.8	24.0	1.22	1.21	1.22	1750.2	59.0			
15-Sep-21	Cloudy	302.7	758.7	3.6789	3.8719	0.1930	3066.8	3090.8	24.0	1.22	1.22	1.22	1752.6	110.1			
20-Sep-21	Sunny	302.2	758.5	3.3536	3.5649	0.2113	3090.8	3114.8	24.0	1.22	1.22	1.22	1753.6	120.5			
23-Sep-21	Sunny	301.7	761.0	3.3125	3.4317	0.1191	3114.8	3138.8	24.0	1.22	1.22	1.22	1757.0	67.8			
28-Sep-21	Sunny	302.7	757.7	3.7148	3.8148	0.1000	3138.8	3162.8	24.0	1.22	1.22	1.22	1751.8	57.1			
														Min			38.7
														Max			120.5
														Average	75.5		

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						
4-Sep-21	Sunny	302.8	757.9	3.6893	3.8380	0.1487	15029.8	15053.8	24.0	1.22	1.22	1.22	1756.1	84.7	183.0	260.0	
9-Sep-21	Sunny	303.3	757.6	3.7097	3.8722	0.1625	15056.5	15080.5	24.0	1.22	1.22	1.22	1751.1	92.8			
15-Sep-21	Cloudy	302.7	758.7	3.6613	3.8350	0.1737	15080.5	15104.5	24.0	1.22	1.22	1.22	1753.8	99.0			
20-Sep-21	Sunny	302.2	758.5	3.3975	3.4638	0.0663	15104.5	15128.5	24.0	1.22	1.22	1.22	1754.9	37.8			
23-Sep-21	Cloudy	301.7	761.0	3.6431	3.7063	0.0632	15128.5	15152.5	24.0	1.22	1.22	1.22	1758.6	35.9			
28-Sep-21	Sunny	302.7	757.7	3.2953	3.3419	0.0466	15152.5	15176.5	24.0	1.22	1.22	1.22	1752.9	26.6			
														Min			26.6
														Max			99.0
														Average	62.8		

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

Appendix F - 24-hour TSP Impact Monitoring Results

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					
4-Sep-21	Sunny	302.8	757.9	3.3805	3.3924	0.0119	14607.0	14631.0	24.0	1.22	1.22	1.22	1758.6	6.8	177.0	260.0
9-Sep-21	Sunny	303.3	757.6	3.7011	3.7366	0.0355	14631.0	14655.0	24.0	1.22	1.22	1.22	1757.1	20.2		
15-Sep-21	Cloudy	302.7	758.7	3.3689	3.4271	0.0582	14655.0	14679.0	24.0	1.22	1.22	1.22	1759.8	33.1		
20-Sep-21	Cloudy	302.2	758.5	3.3743	3.4155	0.0412	14679.0	14703.0	24.0	1.22	1.22	1.22	1760.9	23.4		
23-Sep-21	Cloudy	301.7	761.0	3.4029	3.4491	0.0463	14703.0	14727.0	24.0	1.23	1.22	1.23	1764.6	26.2		
28-Sep-21	Sunny	302.7	757.7	3.7050	3.8248	0.1198	14727.0	14751.0	24.0	1.22	1.22	1.22	1758.9	68.1		
													Min	6.8		
													Max	68.1		
													Average	29.6		

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

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					
4-Sep-21	Sunny	302.8	757.9	3.3771	3.4863	0.1092	12294.5	12318.5	24.0	1.22	1.22	1.22	1758.7	62.1	172.0	260.0
9-Sep-21	Sunny	303.3	757.6	3.3835	3.4190	0.0355	12318.5	12342.5	24.0	1.22	1.22	1.22	1756.9	20.2		
15-Sep-21	Cloudy	302.7	758.7	3.3109	3.5146	0.2037	12342.5	12366.5	24.0	1.22	1.22	1.22	1760.0	115.7		
20-Sep-21	Cloudy	302.2	758.5	3.3699	3.5699	0.1999	12366.5	12390.5	24.0	1.22	1.22	1.22	1761.3	113.5		
23-Sep-21	Cloudy	301.7	761.0	3.3726	3.4816	0.1090	12392.7	12416.7	24.0	1.23	1.22	1.23	1765.7	61.7		
28-Sep-21	Sunny	302.7	757.7	3.3628	3.4668	0.1040	12416.7	12440.7	24.0	1.22	1.22	1.22	1759.0	59.1		
													Min	20.2		
													Max	115.7		
													Average	72.1		

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					
4-Sep-21	Sunny	302.8	757.9	3.3951	3.4399	0.0448	13044.9	13068.9	24.0	1.22	1.22	1.22	1757.3	25.5	172.0	260.0
9-Sep-21	Sunny	303.3	757.6	3.3595	3.4709	0.1114	13068.9	13092.9	24.0	1.22	1.22	1.22	1755.3	63.5		
15-Sep-21	Cloudy	302.7	758.7	3.3057	3.4061	0.1004	13092.9	13116.9	24.0	1.22	1.22	1.22	1759.9	57.1		
20-Sep-21	Cloudy	302.2	758.5	3.3636	3.4524	0.0888	13116.9	13140.9	24.0	1.22	1.22	1.22	1760.4	50.4		
23-Sep-21	Cloudy	301.7	761.0	3.3964	3.4614	0.0650	13141.0	13165.0	24.0	1.23	1.22	1.23	1765.4	36.8		
28-Sep-21	Sunny	302.7	757.7	3.7124	3.8838	0.1714	13164.9	13188.9	24.0	1.22	1.22	1.22	1752.4	97.8		
													Min	25.5		
													Max	97.8		
													Average	55.2		

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