

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-Aug-24	Fine	303.0	757.0	3.3525	3.5229	0.1705	8018.9	8042.9	24.0	1.21	1.22	1.22	1749.7	97.4	191.0	260.0
7-Aug-24	Fine	303.7	755.9	3.4045	3.6429	0.2384	13966.0	13990.0	24.0	1.21	1.21	1.21	1747.1	136.4		
13-Aug-24	Cloudy	302.5	755.6	3.3366	3.5311	0.1944	13990.0	14014.0	24.0	1.21	1.22	1.22	1749.7	111.1		
19-Aug-24	Fine	300.8	755.0	3.3395	3.4229	0.0834	14014.8	14038.8	24.0	1.22	1.22	1.22	1753.2	47.6		
24-Aug-24	Fine	303.2	757.5	3.3020	3.3556	0.0536	14038.8	14062.8	24.0	1.22	1.21	1.22	1749.8	30.6		
29-Aug-24	Cloudy	303.4	755.3	3.3291	3.4200	0.0909	14062.8	14086.8	24.0	1.21	1.21	1.21	1747.2	52.0		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	30.6		
													Max	136.4		
													Average	79.2		

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-Aug-24	Sunny	303.0	757.0	3.3652	3.5858	0.2206	20543.7	20567.7	24.0	1.22	1.22	1.22	1752.1	125.9	183.0	260.0
7-Aug-24	Sunny	303.7	755.9	3.3872	3.6150	0.2279	20567.7	20591.7	24.0	1.21	1.21	1.21	1748.7	130.3		
13-Aug-24	Rainy	302.5	755.6	3.3401	3.4929	0.1528	20615.7	20639.7	24.0	1.22	1.22	1.22	1751.3	87.2		
19-Aug-24	Fine	300.8	755.0	3.3462	3.4771	0.1309	20639.8	20663.8	24.0	1.22	1.22	1.22	1754.9	74.6		
24-Aug-24	Fine	303.2	757.5	3.3222	3.5821	0.2599	20663.8	20687.8	24.0	1.22	1.22	1.22	1751.5	148.4		
29-Aug-24	Fine	303.4	755.3	3.3377	3.5200	0.1823	20687.8	20711.8	24.0	1.21	1.22	1.21	1748.8	104.2		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	74.6		
													Max	148.4		
													Average	111.8		

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-Aug-24	Fine	303.0	757.0	3.3261	3.3536	0.0274	19388.1	19412.1	24.0	1.22	1.22	1.22	1753.3	15.7	177.0	260.0
7-Aug-24	Sunny	303.7	755.9	3.3396	3.3748	0.0352	19412.1	19436.1	24.0	1.22	1.22	1.22	1750.6	20.1		
13-Aug-24	Cloudy	302.5	755.6	3.3258	3.3504	0.0247	19436.1	19460.1	24.0	1.22	1.22	1.22	1753.3	14.1		
19-Aug-24	Rainy	300.8	755.0	3.3103	3.3278	0.0175	19460.1	19484.1	24.0	1.22	1.22	1.22	1756.9	10.0		
24-Aug-24	Cloudy	303.2	757.5	3.3323	3.3378	0.0055	19484.1	19508.1	24.0	1.22	1.22	1.22	1753.4	3.1		
29-Aug-24	Fine	303.4	755.3	3.3417	3.3605	0.0188	19932.0	19956.0	24.0	1.22	1.22	1.22	1750.7	10.7		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	3.1		
													Max	20.1		
													Average	12.3		

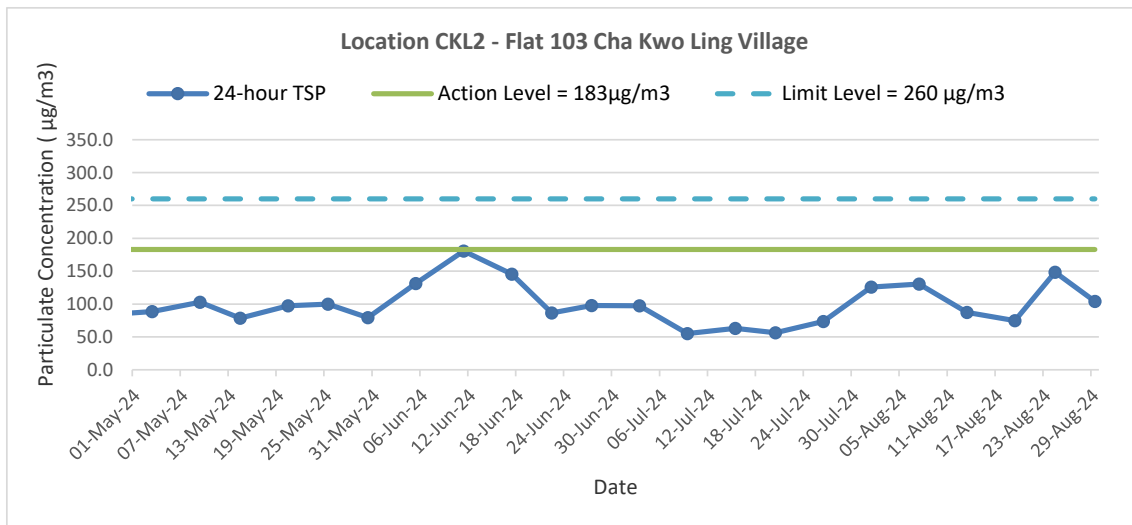
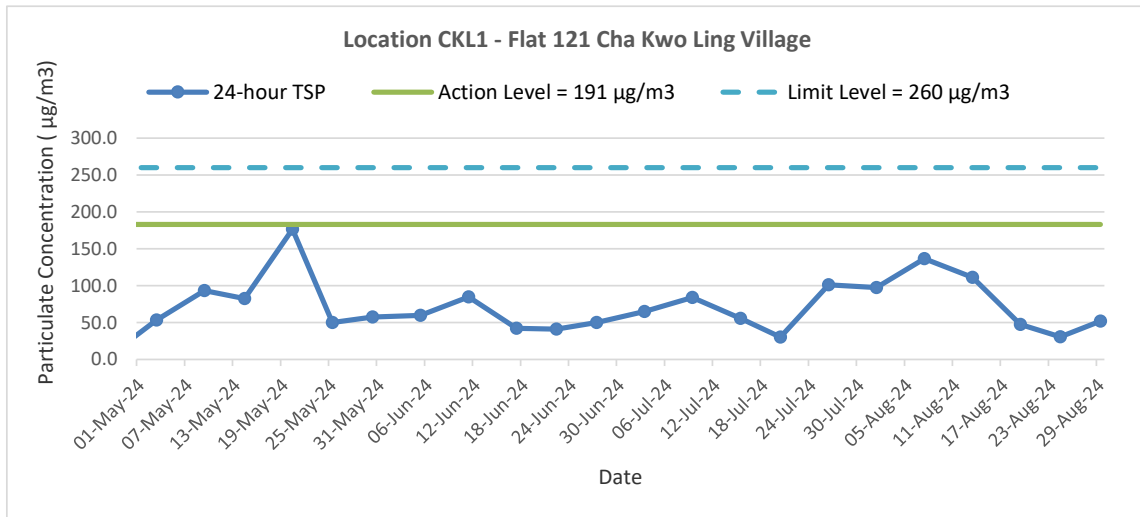
Location KER1 - Future Residential Development at Kerry Godown

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-Aug-24	Fine	303.0	757.0	3.3374	3.3442	0.0068	17184.3	17208.4	24.0	1.22	1.22	1.22	1756.5	3.8	172.0	260.0
7-Aug-24	Cloudy	303.7	755.9	3.3308	3.4890	0.1582	17208.4	17232.4	24.0	1.22	1.22	1.22	1750.8	90.4		
13-Aug-24	Cloudy	302.5	755.6	3.3016	3.4066	0.1050	17259.5	17283.5	24.0	1.22	1.22	1.22	1753.6	59.9		
19-Aug-24	Rainy	300.8	755.0	3.3432	3.4640	0.1208	17283.5	17307.5	24.0	1.22	1.22	1.22	1757.3	68.7		
24-Aug-24	Cloudy	303.2	757.5	3.3624	3.3696	0.0072	17307.5	17331.5	24.0	1.22	1.22	1.22	1753.7	4.1		
29-Aug-24	Fine	303.4	755.3	3.3077	3.3686	0.0608	17331.5	17355.5	24.0	1.22	1.22	1.22	1750.9	34.7		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	3.8		
													Max	90.4		
													Average	43.6		

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

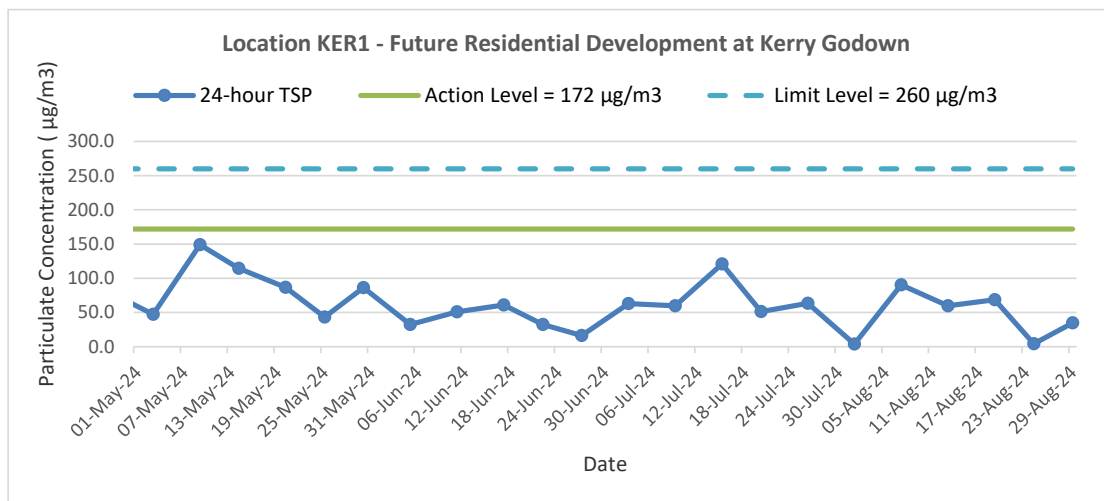
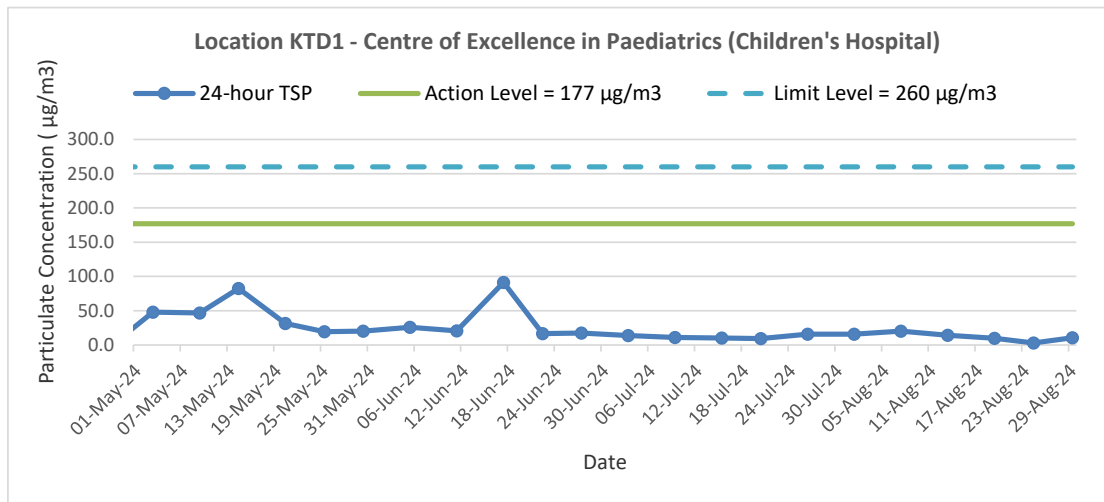
Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
1-Aug-24	Sunny	303.0	757.0	3.3489	3.3982	0.0494	17969.6	17993.6	24.0	1.22	1.22	1.22	1754.6	28.1	157.0	260.0
7-Aug-24	Sunny	303.7	755.9	3.3375	3.4794	0.1419	17993.6	18017.6	24.0	1.22	1.22	1.22	1751.8	81.0		
13-Aug-24	Cloudy	302.5	755.6	3.3346	3.4329	0.0983	18017.6	18041.6	24.0	1.22	1.22	1.22	1754.6	56.0		
19-Aug-24	Rainy	300.8	755.0	3.3306	3.4212	0.0906	18041.6	18065.6	24.0	1.22	1.22	1.22	1758.2	51.5		
24-Aug-24	Cloudy	303.2	757.5	3.3385	3.4255	0.0870	18065.6	18089.6	24.0	1.22	1.22	1.22	1754.7	49.6		
29-Aug-24	Fine	303.4	755.3	3.3168	3.4539	0.1371	18089.6	18113.6	24.0	1.22	1.22	1.22	1751.9	78.2		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	28.1		
													Max	81.0		
													Average	57.4		

24-hr TSP Concentration Levels



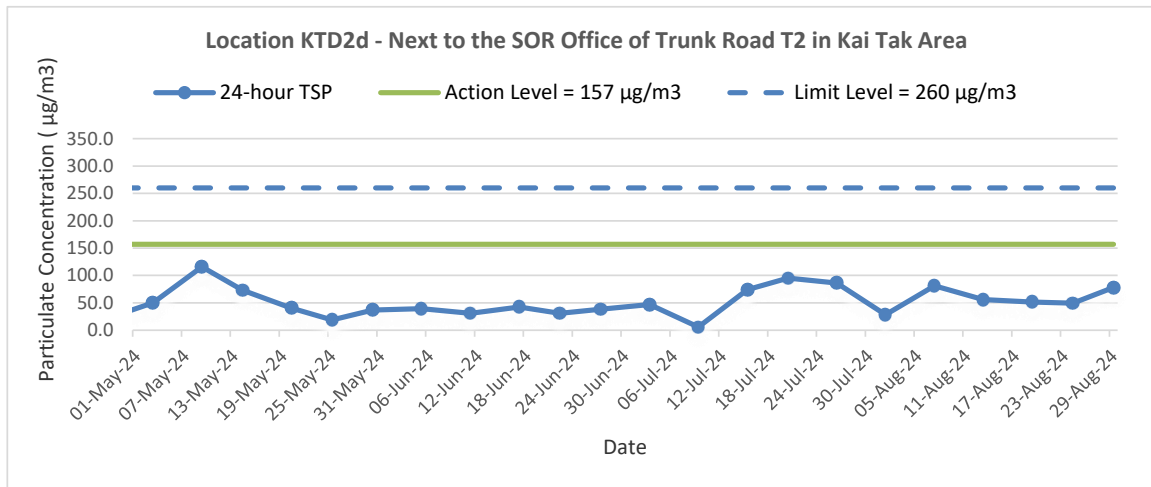
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Aug-24	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



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