

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-Jun-23	Rainy	302.1	756.9	3.3521	3.4465	0.0945	6165.8	6189.8	24.0	1.21	1.21	1.21	1747.3	54.1	191.0	260.0
10-Jun-23	Sunny	302.4	752.3	3.3195	3.3832	0.0637	6189.8	6213.8	24.0	1.21	1.21	1.21	1742.5	36.6		
16-Jun-23	Rainy	299.3	757.1	3.3243	3.4200	0.0956	6213.8	6237.8	24.0	1.22	1.22	1.22	1753.8	54.5		
21-Jun-23	Fine	303.2	756.5	3.3158	3.3838	0.0680	6237.8	6261.8	24.0	1.21	1.21	1.21	1744.3	39.0		
27-Jun-23	Cloudy	302.5	758.3	3.3101	3.3760	0.0660	6261.8	6285.8	24.0	1.21	1.21	1.21	1747.6	37.7		
													Min	36.6		
													Max	54.5		
													Average	44.4		

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					
5-Jun-23	Rainy	302.1	756.9	3.3492	3.4543	0.1051	18600.3	18624.3	24.0	1.19	1.19	1.19	1714.2	61.3	183.0	260.0
10-Jun-23	Fine	302.4	752.3	3.3574	3.5052	0.1478	18624.3	18648.3	24.0	1.19	1.19	1.19	1709.3	86.5		
16-Jun-23	Rainy	299.3	757.1	3.2950	3.4586	0.1636	18648.3	18672.3	24.0	1.19	1.20	1.20	1720.8	95.1		
21-Jun-23	Cloudy	303.2	756.5	3.3042	3.3333	0.0291	18696.5	18720.5	24.0	1.19	1.19	1.19	1711.2	17.0		
27-Jun-23	Fine	302.5	758.3	3.2922	3.4120	0.1198	18720.5	18744.5	24.0	1.19	1.19	1.19	1714.6	69.9		
													Min	17.0		
													Max	95.1		
													Average	65.9		

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					
5-Jun-23	Rainy	302.1	756.9	3.2745	3.3198	0.0453	17507.1	17531.1	24.0	1.20	1.21	1.21	1735.3	26.1	177.0	260.0
10-Jun-23	Sunny	302.4	752.3	3.3371	3.3675	0.0305	17531.1	17555.1	24.0	1.20	1.20	1.20	1730.1	17.6		
16-Jun-23	Rainy	299.3	757.1	3.3536	3.3969	0.0433	17555.1	17579.1	24.0	1.21	1.21	1.21	1742.3	24.9		
21-Jun-23	Fine	303.2	756.5	3.3721	3.4003	0.0282	17579.1	17603.1	24.0	1.20	1.20	1.20	1732.1	16.3		
27-Jun-23	Cloudy	302.5	758.3	3.3464	3.3666	0.0202	17603.1	17627.1	24.0	1.20	1.21	1.21	1735.6	11.6		
													Min	11.6		
													Max	26.1		
													Average	19.3		

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					
5-Jun-23	Rainy	302.1	756.9	3.3301	3.5138	0.1837	15311.6	15335.6	24.0	1.21	1.21	1.21	1737.3	105.8	172.0	260.0
10-Jun-23	Sunny	302.4	752.3	3.3582	3.4322	0.0740	15335.6	15359.6	24.0	1.20	1.20	1.20	1732.1	42.7		
16-Jun-23	Rainy	299.3	757.1	3.3133	3.4076	0.0942	15359.6	15383.6	24.0	1.21	1.21	1.21	1744.4	54.0		
21-Jun-23	Cloudy	303.2	756.5	3.3262	3.3741	0.0479	15383.6	15407.6	24.0	1.20	1.20	1.20	1734.1	27.6		
27-Jun-23	Cloudy	302.5	758.3	3.3749	3.4809	0.1061	15407.6	15431.6	24.0	1.21	1.21	1.21	1737.7	61.0		
													Min	27.6		
													Max	105.8		
													Average	58.2		

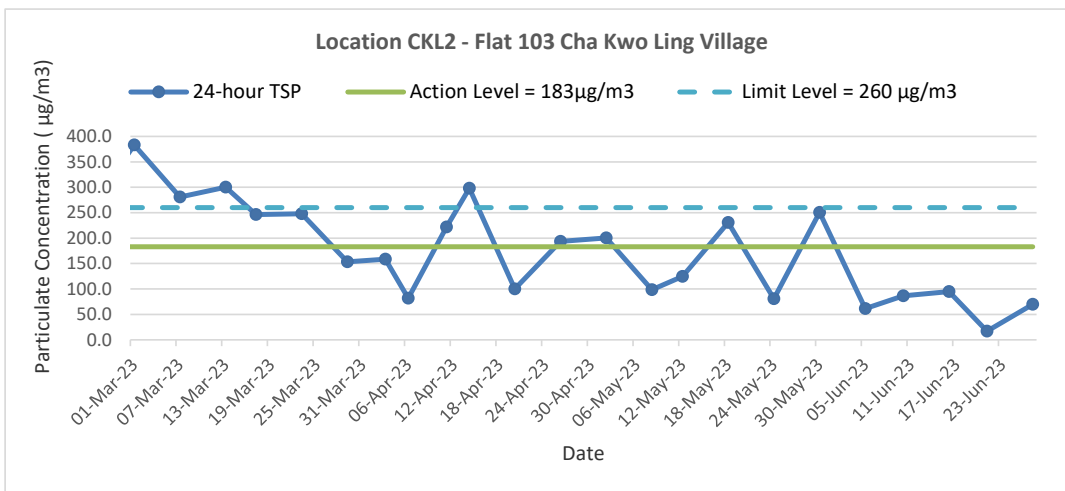
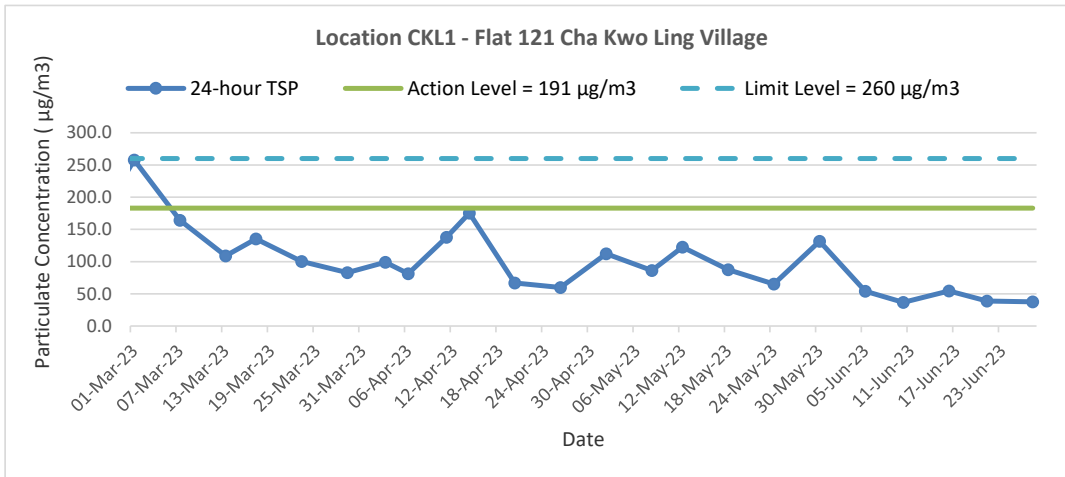
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
5-Jun-23	Rainy	302.1	756.9	3.3431	3.4943	0.1512	15977.3	16001.3	24.0	1.21	1.21	1.21	1736.9	87.0	157.0	260.0
10-Jun-23	Sunny	302.4	752.3	3.3334	3.3854	0.0520	16001.3	16025.3	24.0	1.20	1.20	1.20	1731.9	30.0		
16-Jun-23	Rainy	299.3	757.1	3.3675	3.4501	0.0825	16025.3	16049.3	24.0	1.21	1.21	1.21	1743.7	47.3		
21-Jun-23	Fine	303.2	756.5	3.3195	3.3541	0.0346	16049.3	16073.3	24.0	1.20	1.20	1.20	1733.9	19.9		
27-Jun-23	Cloudy	302.5	758.3	3.3477	3.4125	0.0648	16073.3	16097.3	24.0	1.21	1.21	1.21	1737.3	37.3		
													Min	19.9		
													Max	87.0		
													Average	44.3		

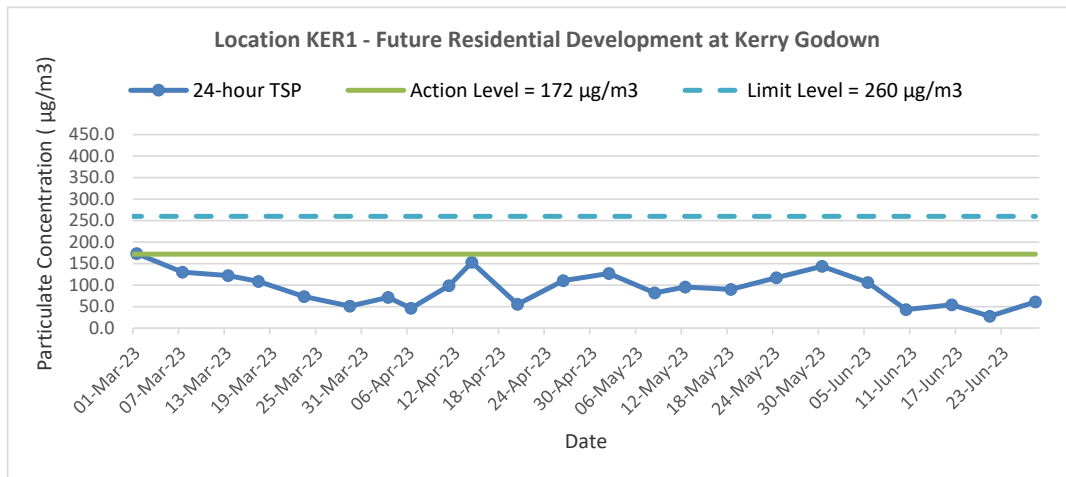
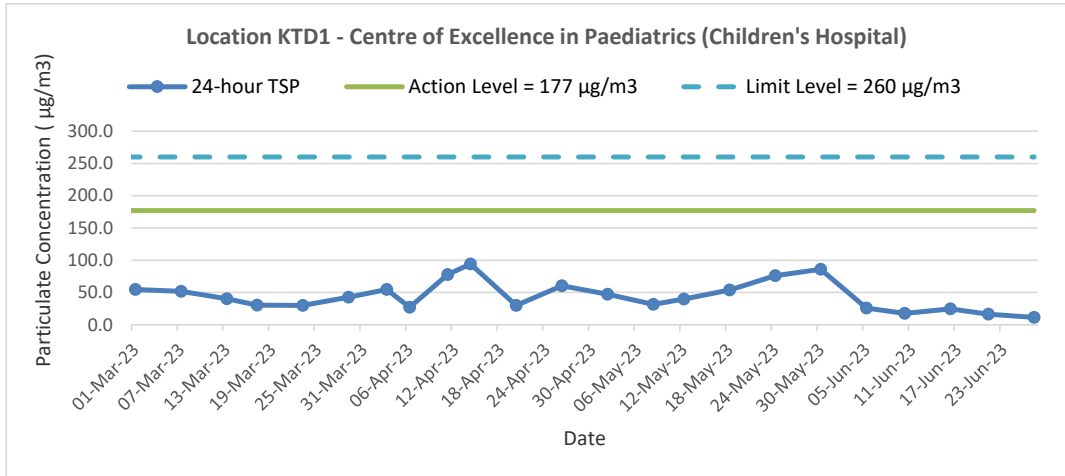
Note: ***Bold Italic*** means Action Level exceedance
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24-hr TSP Concentration Levels



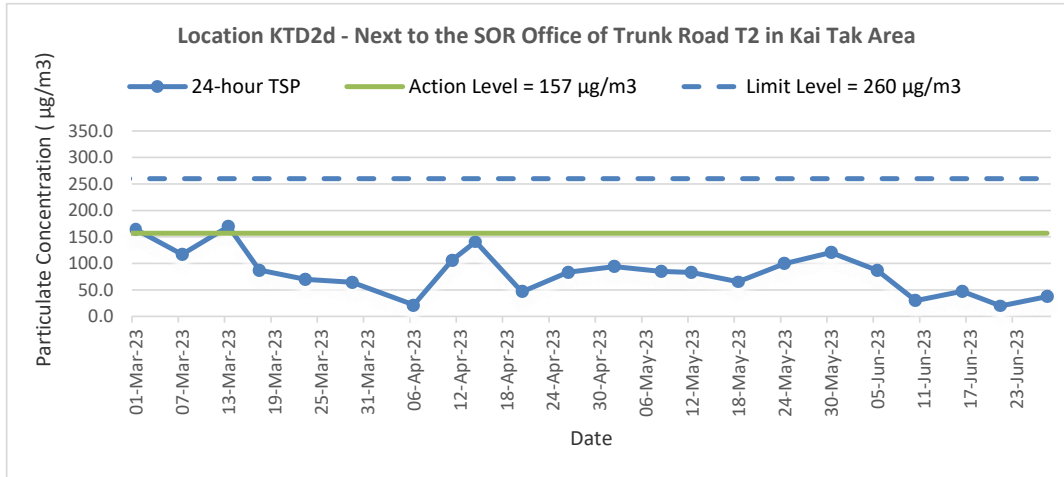
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Jun-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Jun-23	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 Jun-23	Project No. MA20003	CINOTECH
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