

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					
5-Jun-24	Cloudy	298.5	758.3	3.3386	3.4431	0.1045	7800.8	7824.8	24.0	1.22	1.21	1.22	1751.0	59.7	191.0	260.0
11-Jun-24	Cloudy	302.3	756.6	3.3474	3.4948	0.1474	7824.8	7848.8	24.0	1.21	1.21	1.21	1740.7	84.7		
17-Jun-24	Fine	303.0	755.7	3.3168	3.3899	0.0731	7848.8	7872.8	24.0	1.21	1.21	1.21	1738.3	42.1		
22-Jun-24	Cloudy	303.9	755.9	3.3481	3.4195	0.0714	7872.8	7896.8	24.0	1.21	1.21	1.21	1736.6	41.1		
27-Jun-24	Fine	303.9	758.4	3.3672	3.4542	0.0870	7896.9	7920.9	24.0	1.21	1.21	1.21	1738.9	50.0		
														Min		
														Max	84.7	
														Average	55.5	

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					
5-Jun-24	Fine	298.5	758.3	3.3400	3.5700	0.2300	20254.7	20278.7	24.0	1.22	1.22	1.22	1752.3	131.3	183.0	260.0
11-Jun-24	Rainy	302.3	756.6	3.3262	3.6410	0.3148	20278.7	20302.7	24.0	1.21	1.21	1.21	1742.2	180.7		
17-Jun-24	Fine	303.0	755.7	3.3535	3.6070	0.2535	20302.7	20326.7	24.0	1.21	1.21	1.21	1739.8	145.7		
22-Jun-24	Cloudy	303.9	755.9	3.3197	3.4698	0.1501	20326.7	20350.7	24.0	1.21	1.21	1.21	1738.1	86.4		
27-Jun-24	Fine	303.9	758.4	3.3745	3.5450	0.1705	20375.7	20399.7	24.0	1.21	1.21	1.21	1740.3	98.0		
														Min		
														Max	180.7	
														Average	128.4	

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

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					
5-Jun-24	Rainy	298.5	758.3	3.3571	3.4025	0.0455	19148.1	19172.1	24.0	1.22	1.21	1.22	1749.6	26.0	177.0	260.0
11-Jun-24	Cloudy	302.3	756.6	3.3128	3.3485	0.0357	19172.1	19196.1	24.0	1.21	1.21	1.21	1738.9	20.5		
17-Jun-24	Sunny	303.0	755.7	3.3435	3.5021	0.1586	19196.1	19220.1	24.0	1.21	1.21	1.21	1736.4	91.3		
22-Jun-24	Fine	303.9	755.9	3.3434	3.3720	0.0286	19220.1	19244.1	24.0	1.20	1.21	1.20	1734.6	16.5		
27-Jun-24	Fine	303.9	758.4	3.3553	3.3852	0.0299	19244.1	19268.1	24.0	1.21	1.21	1.21	1736.9	17.2		
														Min		
														Max	91.3	
														Average	41.4	

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
5-Jun-24	Cloudy	298.5	758.3	3.3575	3.4140	0.0566	16945.3	16969.3	24.0	1.22	1.21	1.21	1748.9	32.4	172.0	260.0
11-Jun-24	Cloudy	302.3	756.6	3.3332	3.4219	0.0887	16969.3	16993.3	24.0	1.21	1.21	1.21	1737.4	51.0		
17-Jun-24	Fine	303.0	755.7	3.3685	3.4741	0.1056	16993.3	17017.3	24.0	1.20	1.20	1.20	1734.7	60.9		
22-Jun-24	Fine	303.9	755.9	3.3056	3.3617	0.0560	17017.3	17041.3	24.0	1.20	1.20	1.20	1732.8	32.3		
27-Jun-24	Fine	303.9	758.4	3.3434	3.3720	0.0286	17041.3	17065.3	24.0	1.21	1.20	1.21	1735.3	16.5		
														Min		
														Max	60.9	
														Average	38.6	

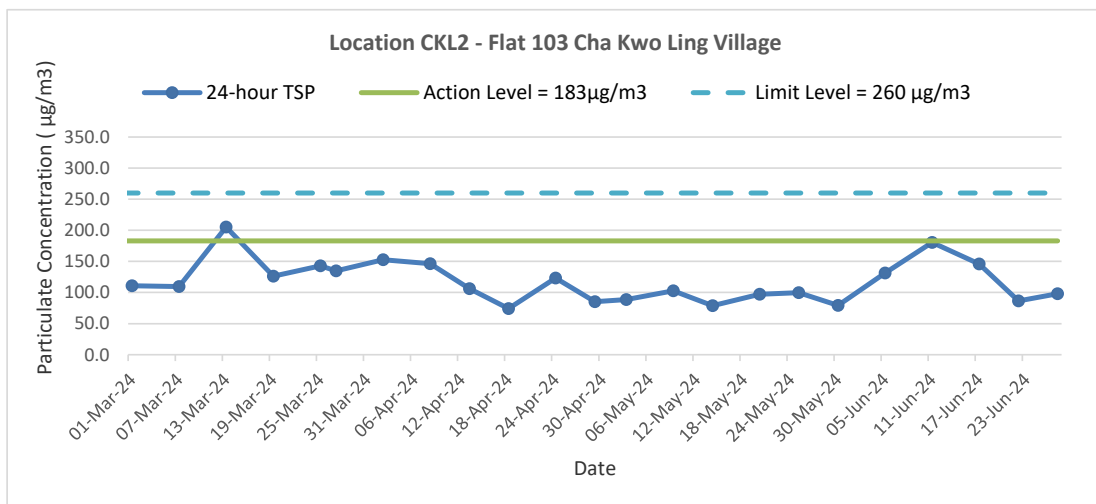
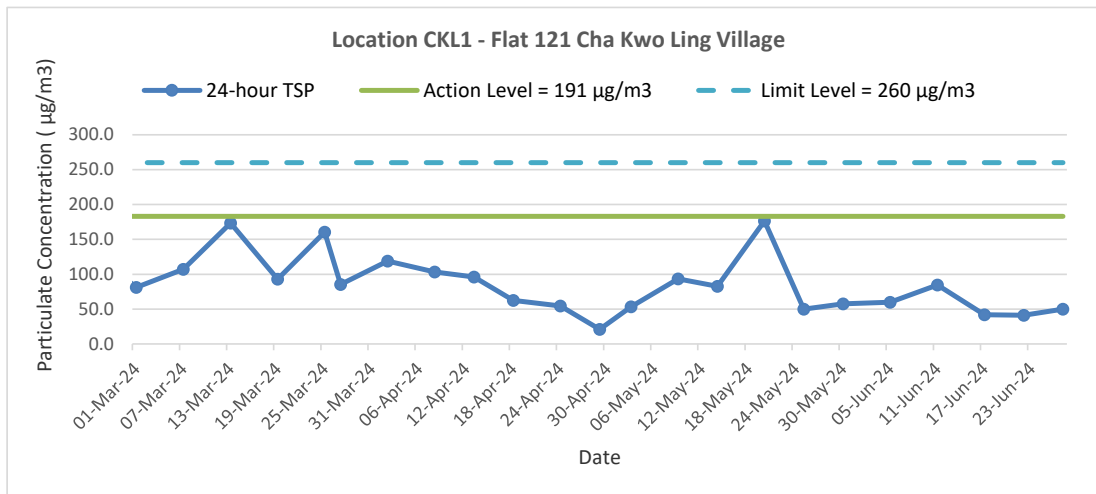
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
5-Jun-24	Cloudy	298.5	758.3	3.3665	3.4358	0.0693	17679.9	17703.9	24.0	1.22	1.21	1.21	1749.2	39.6	157.0	260.0
11-Jun-24	Cloudy	302.3	756.6	3.3330	3.3871	0.0541	17703.9	17727.9	24.0	1.21	1.21	1.21	1738.7	31.1		
17-Jun-24	Fine	303.0	755.7	3.3092	3.3832	0.0740	17727.9	17751.9	24.0	1.21	1.21	1.21	1736.3	42.7		
22-Jun-24	Cloudy	303.9	755.9	3.3438	3.3971	0.0533	17751.9	17775.9	24.0	1.20	1.21	1.20	1734.5	30.7		
27-Jun-24	Fine	303.9	758.4	3.3092	3.3759	0.0667	17775.9	17799.9	24.0	1.21	1.21	1.21	1736.8	38.4		
														Min		
														Max	42.6	
														Average	36.5	

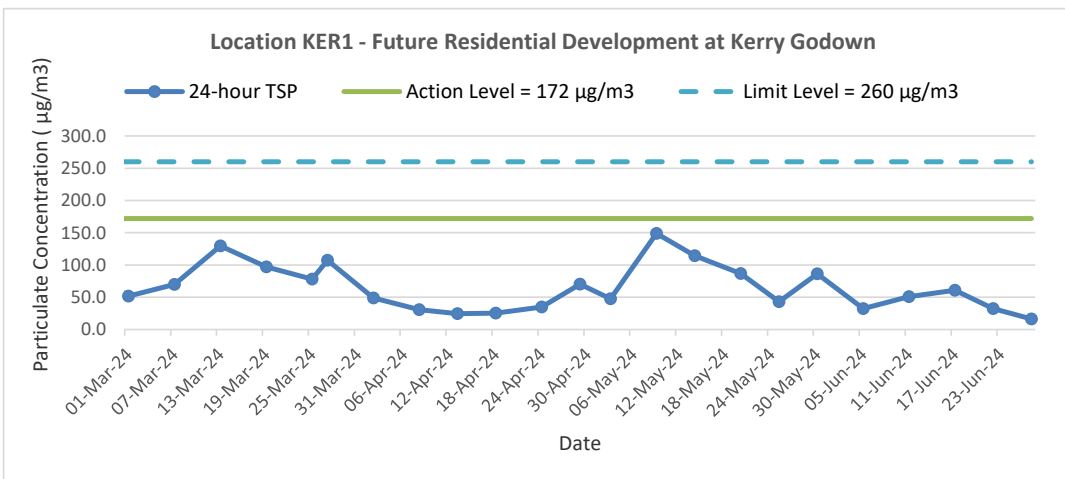
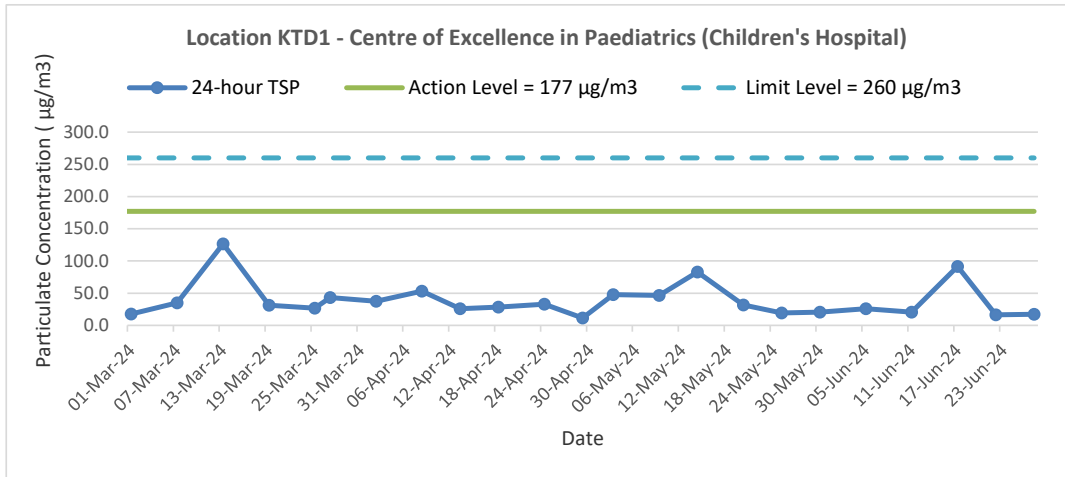
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24-hr TSP Concentration Levels



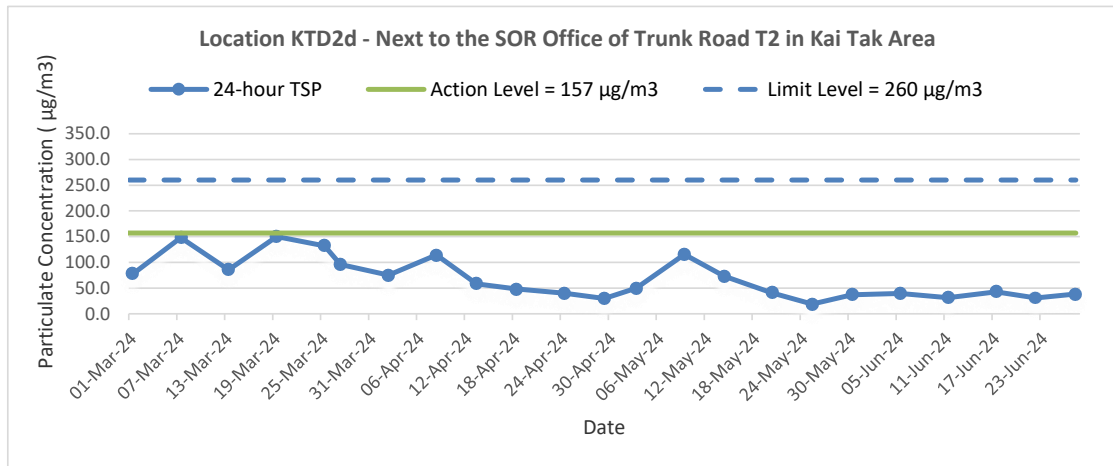
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Jun-24	Project No. MA20003	
	Appendix F		

24-hr TSP Concentration Levels



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