

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					
2-Apr-24	Fine	300.2	758.3	3.3542	3.5599	0.2057	7512.8	7536.8	24.0	1.20	1.20	1.20	1732.5	118.7	191.0	260.0
8-Apr-24	Fine	297.0	761.5	3.3085	3.4884	0.1799	7536.8	7560.8	24.0	1.21	1.21	1.21	1742.7	103.2		
13-Apr-24	Sunny	300.3	759.8	3.3378	3.5042	0.1664	7560.8	7584.8	24.0	1.20	1.20	1.20	1733.5	96.0		
18-Apr-24	Rainy	300.3	757.4	3.3611	3.4695	0.1084	7584.8	7608.8	24.0	1.20	1.20	1.20	1731.5	62.6		
24-Apr-24	Rainy	299.3	757.0	3.3973	3.4915	0.0942	7608.8	7632.8	24.0	1.20	1.20	1.20	1733.4	54.3		
29-Apr-24	Cloudy	301.2	756.1	3.3733	3.4093	0.0359	7632.8	7656.8	24.0	1.20	1.20	1.20	1728.2	20.8		
													Min	20.8		
													Max	118.7		
													Average	75.9		

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
2-Apr-24	Fine	300.2	758.3	3.3019	3.5669	0.2650	19966.6	19990.6	24.0	1.21	1.21	1.21	1735.9	152.7	183.0	260.0
8-Apr-24	Sunny	297.0	761.5	3.2742	3.5295	0.2553	19990.6	20014.6	24.0	1.21	1.22	1.21	1746.1	146.2		
13-Apr-24	Fine	300.3	759.8	3.3501	3.5349	0.1848	20014.6	20038.6	24.0	1.21	1.21	1.21	1736.9	106.4		
18-Apr-24	Rainy	300.3	757.4	3.3429	3.4713	0.1284	20038.6	20062.6	24.0	1.21	1.20	1.20	1734.9	74.0		
24-Apr-24	Fine	299.3	757.0	3.3372	3.5511	0.2139	20062.6	20086.6	24.0	1.21	1.21	1.21	1736.8	123.2		
29-Apr-24	Cloudy	301.2	756.1	3.3450	3.4929	0.1479	20086.6	20110.6	24.0	1.20	1.20	1.20	1731.7	85.4		
													Min	74.0		
													Max	152.7		
													Average	114.6		

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					
2-Apr-24	Fine	300.2	758.3	3.2729	3.3373	0.0644	18860.0	18884.0	24.0	1.19	1.19	1.19	1717.9	37.5	177.0	260.0
8-Apr-24	Fine	297.0	761.5	3.3018	3.3936	0.0918	18884.0	18908.1	24.0	1.20	1.20	1.20	1728.6	53.1		
13-Apr-24	Cloudy	300.3	759.8	3.3197	3.3643	0.0447	18908.1	18932.1	24.0	1.19	1.19	1.19	1719.0	26.0		
18-Apr-24	Rainy	300.3	757.4	3.3781	3.4266	0.0486	18932.1	18956.1	24.0	1.19	1.19	1.19	1716.9	28.3		
24-Apr-24	Cloudy	299.3	757.0	3.2905	3.3471	0.0565	18956.1	18980.1	24.0	1.19	1.19	1.19	1718.9	32.9		
29-Apr-24	Fine	301.2	756.1	3.3505	3.3700	0.0195	18980.1	19004.1	24.0	1.19	1.19	1.19	1713.5	11.4		
													Min	26.0		
													Max	53.1		
													Average	46.7		

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					
2-Apr-24	Fine	300.2	758.3	3.3298	3.4135	0.0837	16633.6	16657.6	24.0	1.19	1.19	1.19	1715.7	48.8	172.0	260.0
8-Apr-24	Sunny	297.0	761.5	3.3743	3.4276	0.0533	16657.6	16681.6	24.0	1.20	1.20	1.20	1727.3	30.9		
13-Apr-24	Cloudy	300.3	759.8	3.2708	3.3128	0.0419	16681.6	16705.6	24.0	1.19	1.19	1.19	1716.8	24.4		
18-Apr-24	Fine	300.3	757.4	3.3072	3.3509	0.0436	16729.3	16753.3	24.0	1.19	1.19	1.19	1714.5	25.4		
24-Apr-24	Cloudy	299.3	757.0	3.3239	3.3840	0.0600	16753.3	16777.3	24.0	1.19	1.19	1.19	1716.7	35.0		
29-Apr-24	Cloudy	301.2	756.1	3.3058	3.4261	0.1203	16777.3	16801.3	24.0	1.19	1.19	1.19	1710.8	70.3		
													Min	24.4		
													Max	70.3		
													Average	39.1		

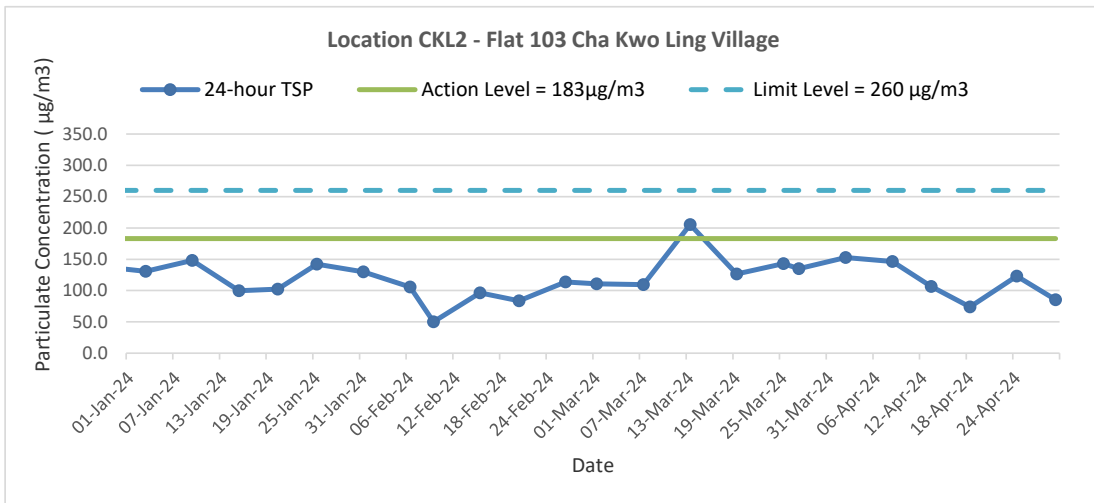
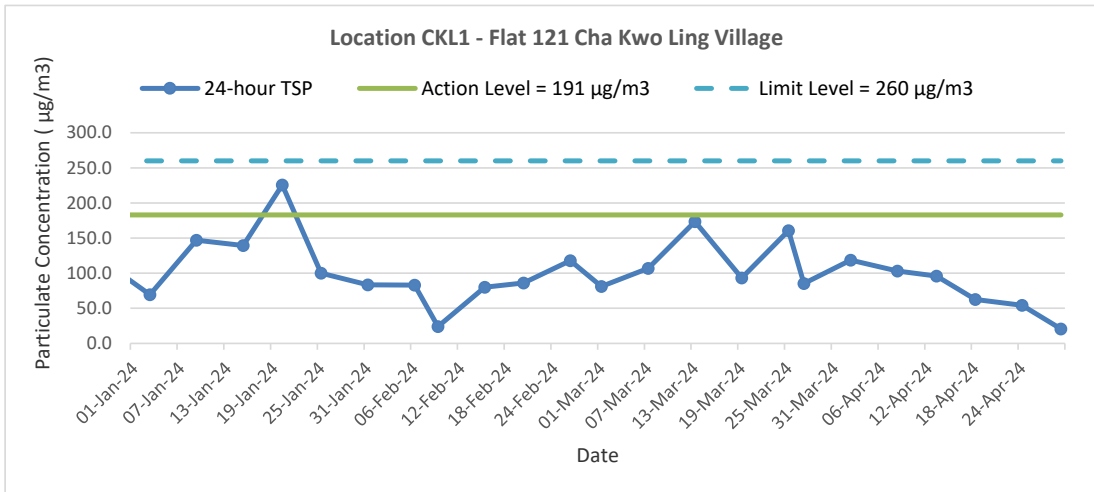
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
2-Apr-24	Fine	300.2	758.3	3.3578	3.4867	0.1289	17391.9	17415.9	24.0	1.19	1.19	1.19	1719.2	75.0	157.0	260.0
8-Apr-24	Sunny	297.0	761.5	3.3277	3.5260	0.1983	17415.9	17439.9	24.0	1.20	1.20	1.20	1729.5	114.7		
13-Apr-24	Cloudy	300.3	759.8	3.3206	3.4205	0.0999	17439.9	17463.9	24.0	1.20	1.19	1.19	1720.2	58.1		
18-Apr-24	Rainy	300.3	757.4	3.3614	3.4443	0.0829	17463.9	17487.9	24.0	1.19	1.19	1.19	1718.2	48.2		
24-Apr-24	Fine	299.3	757.0	3.3166	3.3852	0.0687	17487.9	17511.9	24.0	1.20	1.19	1.19	1720.1	39.9		
29-Apr-24	Fine	301.2	756.1	3.3105	3.3613	0.0508	17511.9	17535.9	24.0	1.19	1.19	1.19	1714.9	29.6		
													Min	29.6		
													Max	114.7		
													Average	60.9		

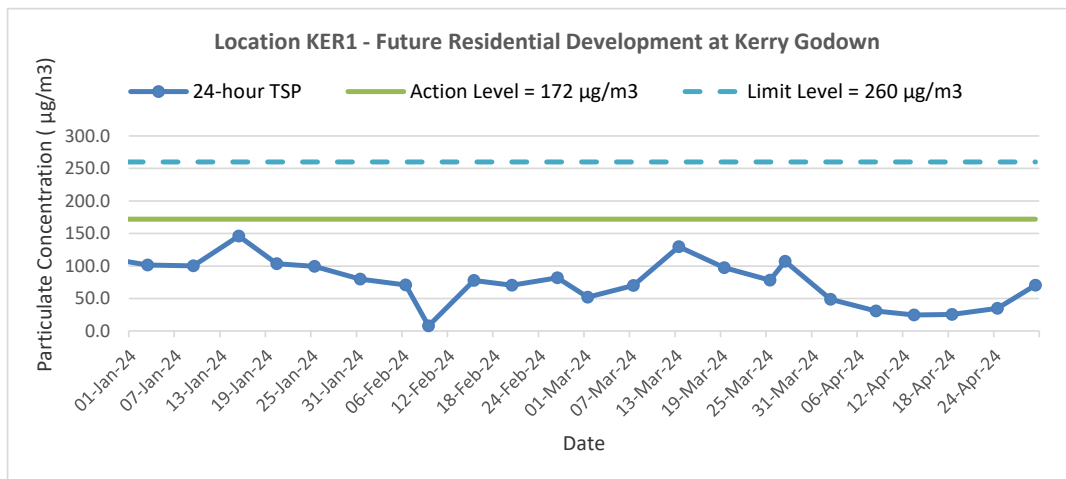
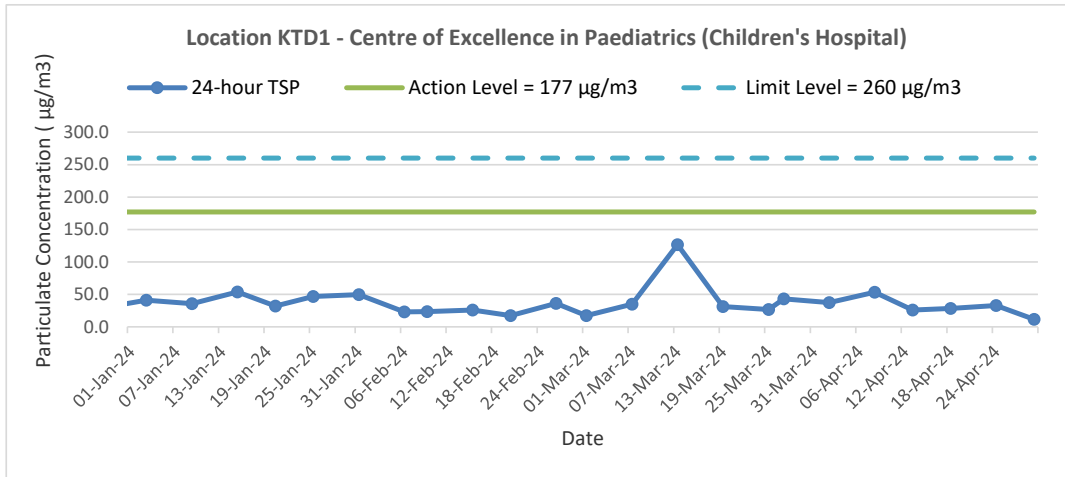
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24-hr TSP Concentration Levels



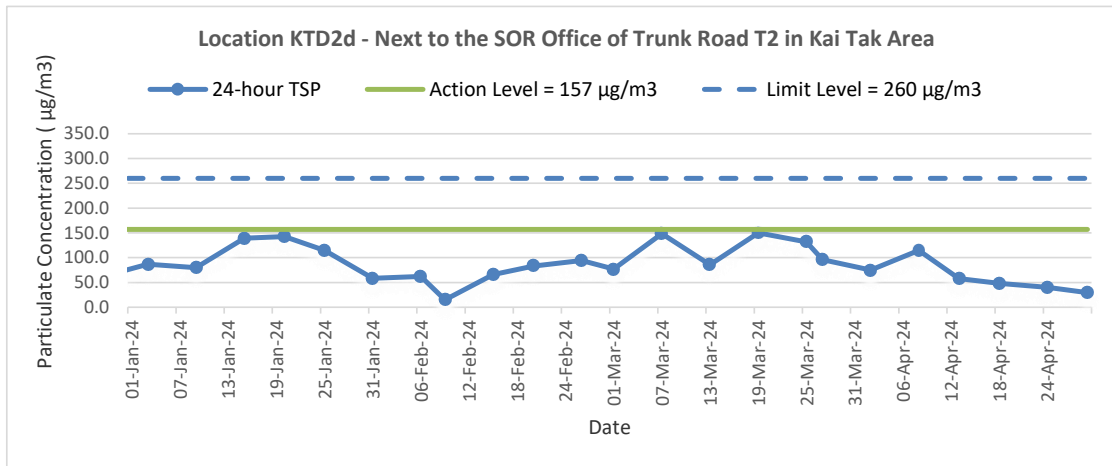
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Apr-24	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



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