

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					
6-May-22	Cloudy	298.5	760.5	3.3761	3.4505	0.0744	4250.9	4274.9	24.0	1.22	1.22	1.22	1750.9	42.5	191.0	260.0
12-May-22	Fine	298.7	755.2	3.3960	3.4742	0.0783	4274.9	4298.9	24.0	1.21	1.21	1.21	1745.8	44.8		
18-May-22	Sunny	297.9	760.6	3.4176	3.6046	0.1870	4298.9	4322.9	24.0	1.22	1.22	1.22	1752.4	106.7		
24-May-22	Cloudy	297.9	757.3	3.4111	3.4665	0.0554	4322.9	4346.9	24.0	1.22	1.21	1.21	1749.5	31.7		
30-May-22	Cloudy	301.7	755.8	3.3052	3.4389	0.1337	4346.9	4370.9	24.0	1.21	1.21	1.21	1739.5	76.8		
													Min	31.7		
													Max	106.7		
													Average	60.5		

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
6-May-22	Rainy	298.5	760.5	3.3734	3.4852	0.1118	16431.7	16455.7	24.0	1.22	1.22	1.22	1752.4	63.8	183.0	260.0
12-May-22	Cloudy	298.7	755.2	3.3309	3.3963	0.0654	16455.7	16479.7	24.0	1.21	1.21	1.21	1746.5	37.4		
18-May-22	Fine	297.9	760.6	3.3915	3.4708	0.0793	16479.7	16503.7	24.0	1.22	1.22	1.22	1754.1	45.2		
24-May-22	Sunny	297.9	757.3	3.2998	3.5618	0.2620	16503.7	16527.7	24.0	1.22	1.21	1.22	1750.7	149.7		
30-May-22	Cloudy	301.7	755.8	3.3183	3.3724	0.0541	16527.7	16551.7	24.0	1.21	1.21	1.21	1739.4	31.1		
													Min	31.1		
													Max	149.7		
													Average	65.4		

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					
6-May-22	Rainy	298.5	760.5	3.3406	3.4241	0.0835	15730.0	15754.0	24.0	1.21	1.21	1.21	1744.2	47.9	177.0	260.0
12-May-22	Rainy	298.7	755.2	3.3799	3.4142	0.0343	15730.0	15754.0	24.0	1.22	1.22	1.22	1751.2	19.6		
18-May-22	Sunny	297.9	760.6	3.2877	3.3358	0.0481	15778.0	15802.0	24.0	1.22	1.22	1.22	1759.1	27.4		
24-May-22	Cloudy	297.9	757.3	3.3077	3.3425	0.0347	15802.0	15826.5	24.0	1.22	1.22	1.22	1755.2	19.8		
30-May-22	Cloudy	301.7	755.8	3.2970	3.3470	0.0499	15826.0	15850.0	24.0	1.21	1.21	1.21	1744.4	28.6		
													Min	19.6		
													Max	47.9		
													Average	28.7		

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
6-May-22	Rainy	298.5	760.5	3.3444	3.5582	0.2138	13379.9	13403.9	24.0	1.21	1.21	1.21	1741.9	122.7	172.0	260.0
12-May-22	Rainy	298.7	755.2	3.3414	3.3678	0.0264	13403.9	13427.9	24.0	1.21	1.21	1.21	1748.9	15.1		
18-May-22	Sunny	297.9	760.6	3.3049	3.4239	0.1190	13427.8	13451.8	24.0	1.22	1.22	1.22	1755.9	67.8		
24-May-22	Cloudy	297.9	757.3	3.3134	3.3511	0.0377	13451.8	13475.8	24.0	1.22	1.22	1.22	1753.2	21.5		
30-May-22	Cloudy	301.7	755.8	3.3021	3.3502	0.0481	13475.8	13499.8	24.0	1.21	1.21	1.21	1741.5	27.6		
													Min	15.1		
													Max	122.7		
													Average	50.9		

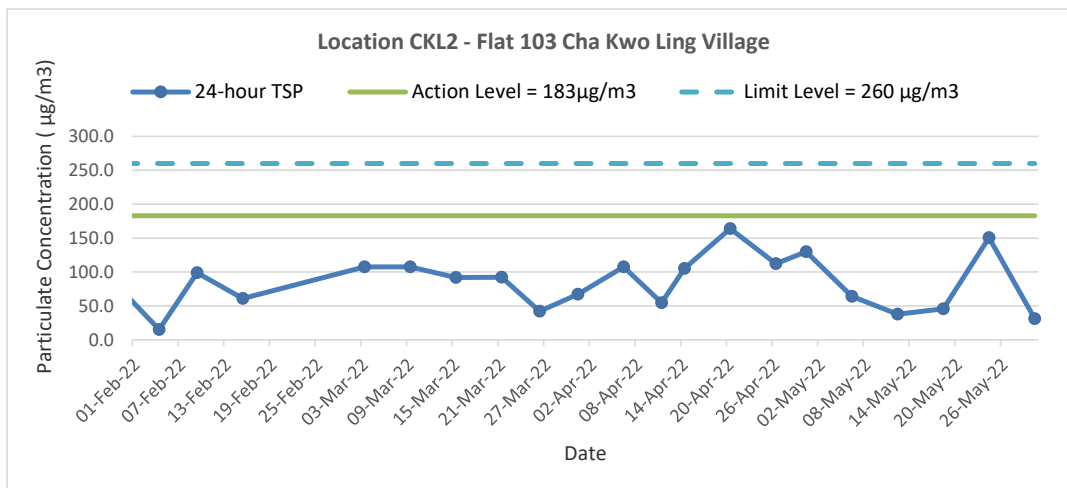
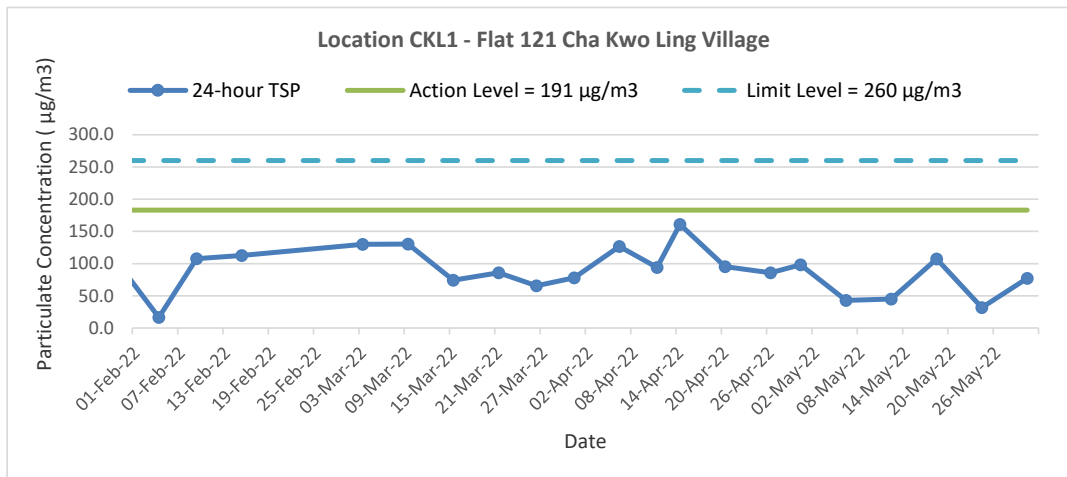
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
6-May-22	Rainy	298.5	760.5	3.3719	3.4693	0.0974	14151.8	14175.8	24.0	1.21	1.21	1.21	1744.7	55.8	157.0	260.0
12-May-22	Rainy	298.7	755.2	3.3401	3.3687	0.0286	14175.8	14199.8	24.0	1.22	1.22	1.22	1750.5	16.3		
18-May-22	Sunny	297.9	760.6	3.2831	3.3552	0.0721	14199.8	14223.8	24.0	1.22	1.22	1.22	1759.3	41.0		
24-May-22	Cloudy	297.9	757.3	3.3673	3.4005	0.0332	14223.8	14247.8	24.0	1.22	1.22	1.22	1755.3	18.9		
30-May-22	Cloudy	301.7	755.8	3.3051	3.3558	0.0507	14247.8	14271.8	24.0	1.21	1.21	1.21	1744.2	29.1		
													Min	16.3		
													Max	55.8		
													Average	32.2		

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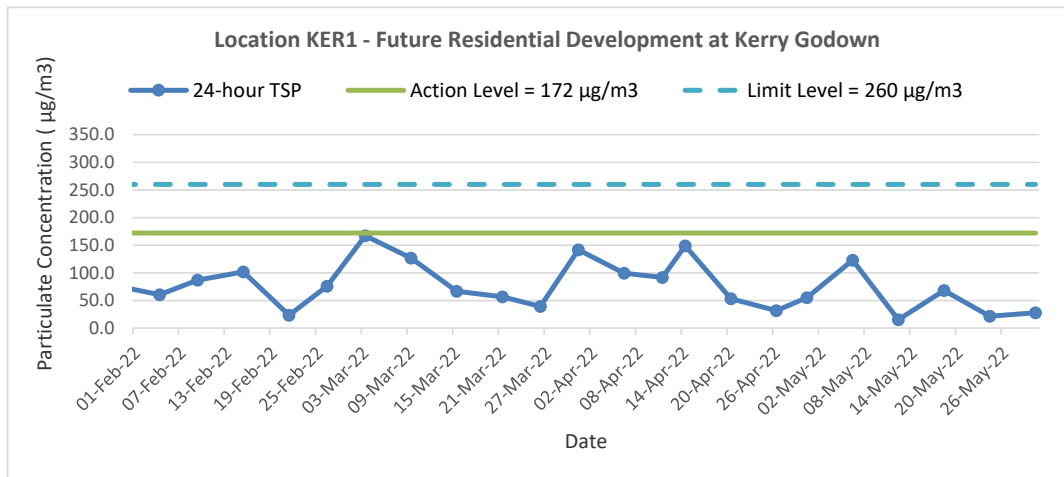
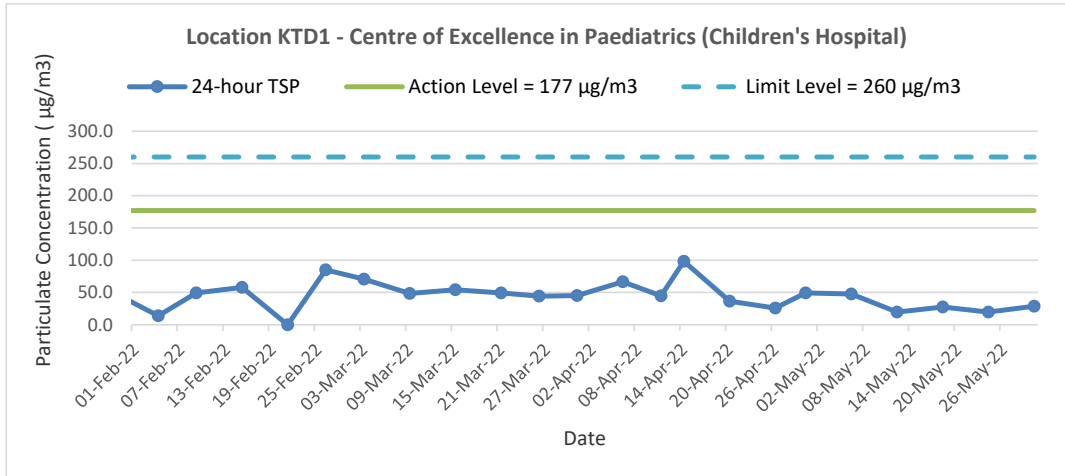
24-hr TSP Concentration Levels



Remark: Due to the site closure at CKL portion during the period from 20 Feb 2022 to 27 Feb 2022, monitoring works at station CKL1 and CKL2 were temporary suspended.

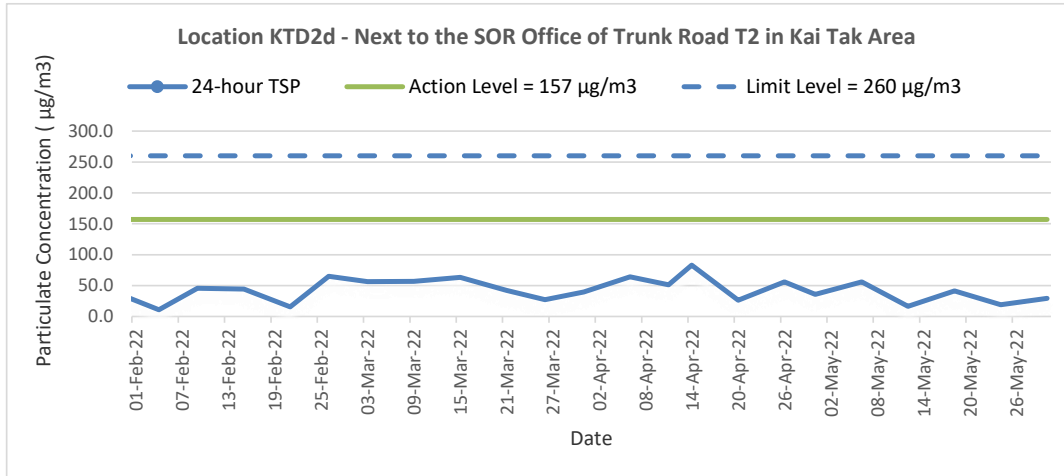
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	May-22	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

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 May-22	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



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