

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-Jul-22	Cloudy	301.9	754.7	3.3774	3.4631	0.0858	4515.0	4539.0	24.0	1.21	1.21	1.21	1738.2	49.3	191.0	260.0
9-Jul-22	Sunny	303.2	755.6	3.3677	3.4549	0.0872	4539.0	4563.0	24.0	1.22	1.22	1.22	1750.3	49.8		
13-Jul-22	Sunny	303.7	755.3	3.3092	3.4492	0.1400	4563.0	4587.0	24.0	1.21	1.21	1.21	1749.0	80.1		
19-Jul-22	Sunny	303.8	757.1	3.4324	3.5598	0.1274	4587.0	4611.0	24.0	1.21	1.22	1.22	1750.3	72.8		
25-Jul-22	Sunny	304.6	756.7	3.3604	3.5461	0.1857	4611.0	4635.0	24.0	1.21	1.21	1.21	1748.2	106.2		
30-Jul-22	Sunny	303.2	754.2	3.3144	3.5013	0.1869	4635.0	4659.0	24.0	1.22	1.21	1.21	1749.9	106.8		
													Min	49.3		
													Max	106.8		
													Average	77.5		

Note: **Italic** means Action Level exceedance
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-Jul-22	Cloudy	301.9	754.7	3.3490	3.4531	0.1040	16719.7	16743.7	24.0	1.21	1.21	1.21	1737.8	59.9	183.0	260.0
9-Jul-22	Sunny	303.2	755.6	3.3889	3.5014	0.1125	16743.7	16767.7	24.0	1.22	1.22	1.22	1752.0	64.2		
13-Jul-22	Sunny	303.7	755.3	3.3104	3.4771	0.1666	16767.7	16791.7	24.0	1.22	1.22	1.22	1750.6	95.2		
19-Jul-22	Sunny	303.8	757.1	3.3745	3.5019	0.1275	16791.7	16815.7	24.0	1.22	1.22	1.22	1752.1	72.7		
25-Jul-22	Sunny	304.6	756.7	3.3693	3.5530	0.1838	16815.7	16839.7	24.0	1.21	1.22	1.22	1750.5	105.0		
30-Jul-22	Sunny	303.2	754.2	3.3182	3.4645	0.1463	16839.7	16863.7	24.0	1.22	1.21	1.22	1750.8	83.5		
													Min	59.9		
													Max	105.0		
													Average	80.1		

Note: **Italic** means Action Level exceedance
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-Jul-22	Cloudy	301.9	754.7	3.2733	3.3383	0.0650	15994.9	16018.9	24.0	1.21	1.21	1.21	1743.0	37.3	177.0	260.0
9-Jul-22	Sunny	303.2	755.6	3.3436	3.3813	0.0377	16018.9	16042.9	24.0	1.21	1.21	1.21	1740.7	21.9		
13-Jul-22	Sunny	303.7	755.3	3.3578	3.3980	0.0402	16042.9	16066.9	24.0	1.22	1.22	1.22	1752.6	29.2		
19-Jul-22	Sunny	303.8	757.1	3.3412	3.3890	0.0478	16066.9	16090.9	24.0	1.22	1.22	1.22	1754.1	27.2		
25-Jul-22	Sunny	304.6	756.7	3.3475	3.4198	0.0723	16090.9	16114.9	24.0	1.22	1.22	1.22	1751.8	41.3		
30-Jul-22	Sunny	303.2	754.2	3.3086	3.4210	0.1124	16114.9	16138.9	24.0	1.22	1.22	1.22	1752.8	64.1		
													Min	21.7		
													Max	64.1		
													Average	35.7		

Note: **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-Jul-22	Cloudy	301.9	754.7	3.3869	3.4699	0.0830	13655.9	13679.9	24.0	1.21	1.21	1.21	1739.9	47.7	172.0	260.0
9-Jul-22	Sunny	303.2	755.6	3.3531	3.4621	0.1090	13679.9	13703.9	24.0	1.21	1.21	1.21	1737.4	62.7		
13-Jul-22	Sunny	303.7	755.3	3.4041	3.5335	0.1294	13703.9	13727.9	24.0	1.22	1.22	1.22	1751.2	73.9		
19-Jul-22	Sunny	303.8	757.1	3.3539	3.4695	0.1156	13727.9	13751.9	24.0	1.22	1.22	1.22	1752.9	65.9		
25-Jul-22	Sunny	304.6	756.7	3.3494	3.5702	0.2208	13751.9	13775.9	24.0	1.21	1.22	1.22	1750.4	126.1		
30-Jul-22	Sunny	303.2	754.2	3.3258	3.5067	0.1808	13775.9	13799.9	24.0	1.22	1.22	1.22	1751.5	103.2		
													Min	47.7		
													Max	126.1		
													Average	79.9		

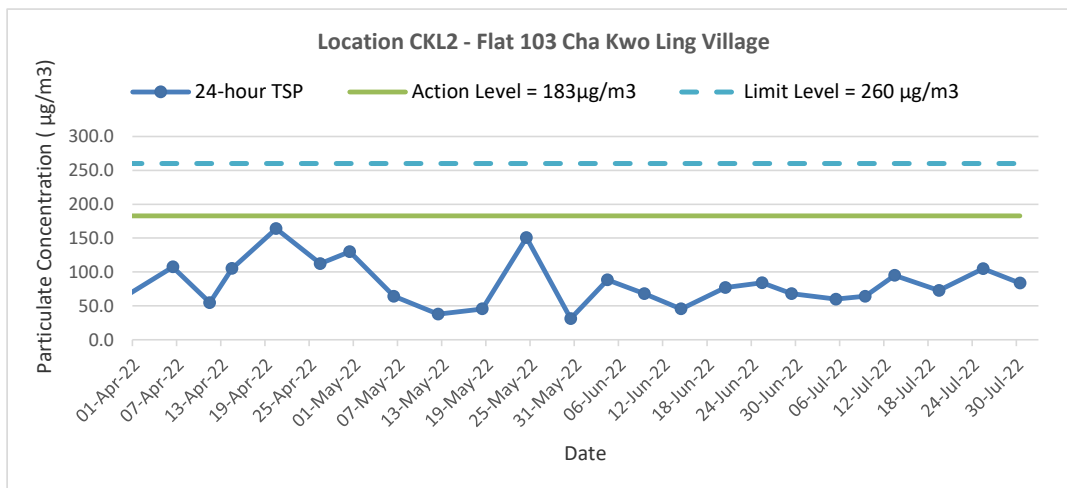
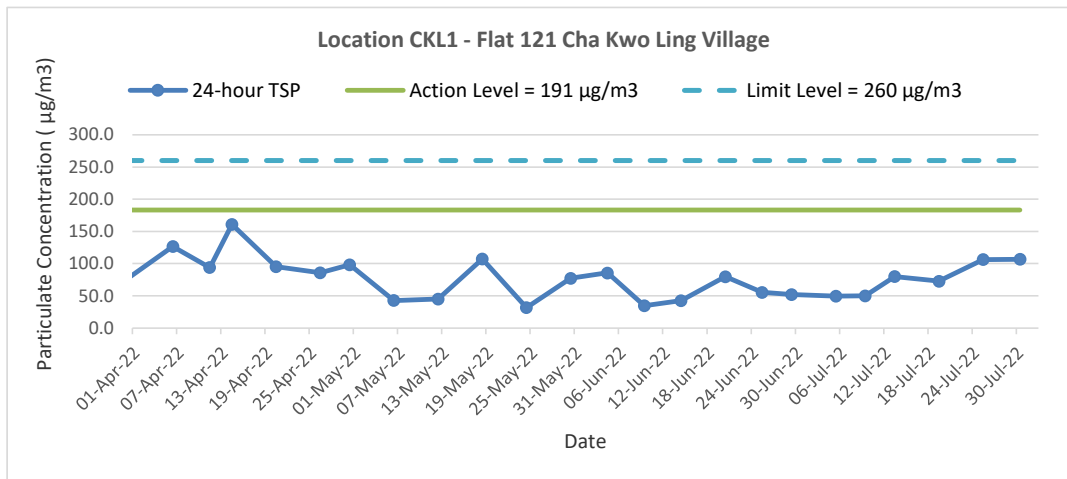
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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-Jul-22	Cloudy	301.9	754.7	3.2884	3.4328	0.1445	14415.9	14439.9	24.0	1.21	1.21	1.21	1742.7	82.9	157.0	260.0
9-Jul-22	Sunny	303.2	755.6	3.3193	3.4244	0.1052	14439.9	14463.9	24.0	1.21	1.21	1.21	1740.4	60.4		
13-Jul-22	Sunny	303.7	755.3	3.3384	3.4582	0.1198	14463.9	14487.9	24.0	1.22	1.22	1.22	1751.8	68.4		
19-Jul-22	Sunny	303.8	757.1	3.3775	3.4912	0.1137	14487.9	14511.9	24.0	1.22	1.22	1.22	1753.4	64.8		
25-Jul-22	Sunny	304.6	756.7	3.3066	3.4588	0.1522	14511.9	14535.9	24.0	1.22	1.22	1.22	1751.0	86.9		
30-Jul-22	Sunny	303.2	754.2	3.3101	3.4897	0.1795	14535.9	14559.9	24.0	1.22	1.22	1.22	1752.1	102.5		
													Min	60.4		
													Max	102.5		
													Average	77.6		

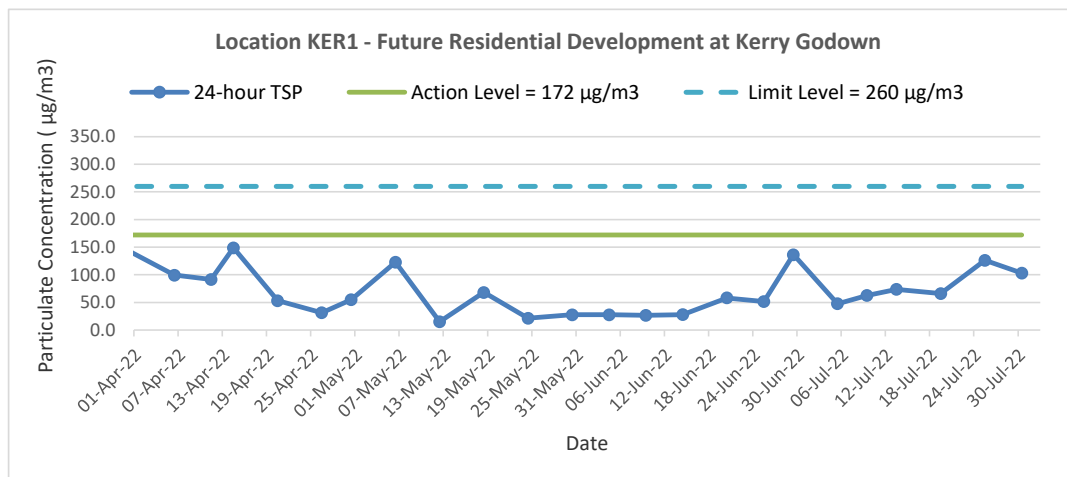
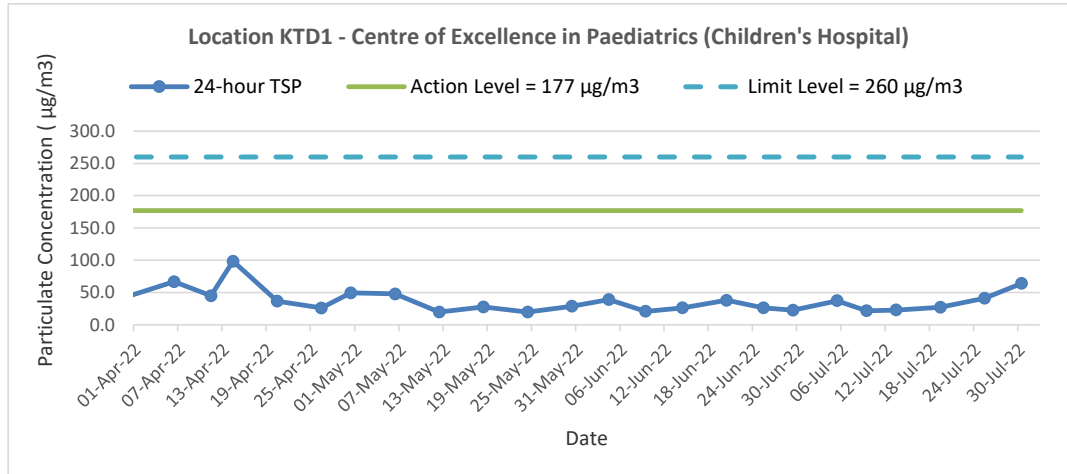
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24-hr TSP Concentration Levels



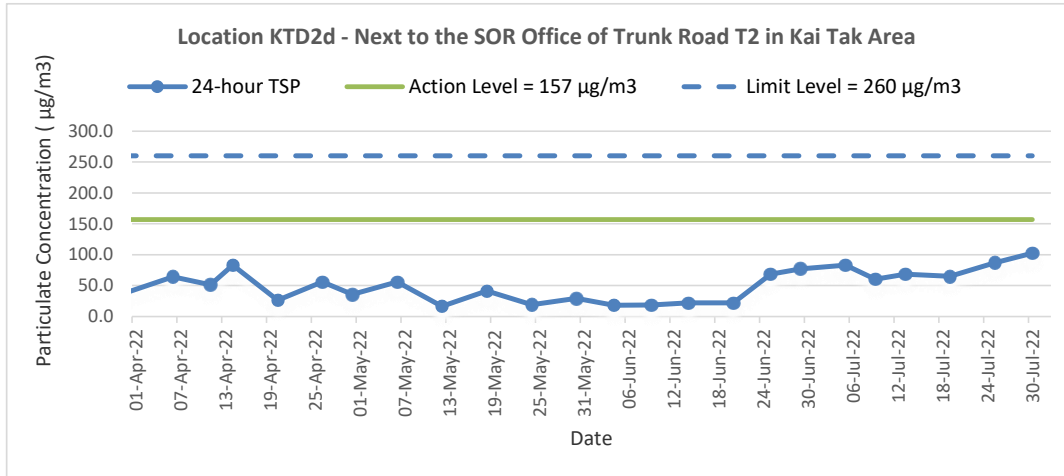
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date July-22	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



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24-hr TSP Concentration Levels



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