

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					
3-Jul-23	Cloudy	302.1	757.6	3.3577	3.4572	0.0995	6285.8	6309.8	24.0	1.21	1.21	1.21	1748.5	56.9	191.0	260.0
8-Jul-23	Sunny	303.5	758.6	3.3493	3.4036	0.0543	6309.8	6333.8	24.0	1.22	1.22	1.22	1749.9	31.0		
13-Jul-23	Sunny	304.1	755.2	3.3532	3.5019	0.1487	6333.8	6357.8	24.0	1.21	1.21	1.21	1745.4	85.2		
19-Jul-23	Fine	302.2	757.0	3.3237	3.4834	0.1597	6357.8	6381.8	24.0	1.22	1.22	1.22	1751.5	91.2		
25-Jul-23	Sunny	304.4	754.2	3.3620	3.4300	0.0680	6381.8	6405.8	24.0	1.21	1.21	1.21	1744.0	39.0		
31-Jul-23	Sunny	302.2	755.1	3.3230	3.4443	0.1213	6405.8	6429.8	24.0	1.22	1.21	1.22	1749.6	69.3		
													Min	31.0		
													Max	91.2		
													Average	62.1		

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					
3-Jul-23	Sunny	302.1	757.6	3.3270	3.3366	0.0096	18744.6	18768.6	24.0	1.19	1.19	1.19	1714.7	5.6	183.0	260.0
8-Jul-23	Sunny	303.5	758.6	3.3836	3.5080	0.1244	18768.6	18792.6	24.0	1.22	1.22	1.22	1750.5	71.1		
13-Jul-23	Sunny	304.1	755.2	3.3399	3.4011	0.0612	18792.6	18816.6	24.0	1.21	1.21	1.21	1745.9	35.1		
19-Jul-23	Fine	302.2	757.0	3.3517	3.5037	0.1520	18816.6	18840.8	24.0	1.22	1.22	1.22	1752.1	86.8		
25-Jul-23	Sunny	304.4	754.2	3.3300	3.4120	0.0820	18861.1	18885.1	24.0	1.21	1.21	1.21	1745.1	47.0		
31-Jul-23	Sunny	302.2	755.1	3.3343	3.4368	0.1025	18885.1	18909.1	24.0	1.22	1.21	1.22	1750.2	58.6		
													Min	5.6		
													Max	86.8		
													Average	50.7		

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
3-Jul-23	Cloudy	302.1	757.6	3.3175	3.3562	0.0386	17627.1	17651.1	24.0	1.21	1.21	1.21	1736.5	22.3	177.0	260.0
8-Jul-23	Sunny	303.5	758.6	3.3488	3.4093	0.0605	17651.1	17675.1	24.0	1.20	1.20	1.20	1733.5	34.9		
13-Jul-23	Sunny	304.1	755.2	3.3395	3.3835	0.0440	17675.1	17699.1	24.0	1.22	1.22	1.22	1752.2	25.1		
19-Jul-23	Sunny	302.2	757.0	3.3443	3.3935	0.0492	17699.1	17723.1	24.0	1.22	1.22	1.22	1758.8	28.0		
25-Jul-23	Sunny	304.4	754.2	3.3336	3.3556	0.0220	17723.1	17747.1	24.0	1.22	1.21	1.22	1750.6	12.6		
31-Jul-23	Sunny	302.2	755.1	3.3377	3.4112	0.0736	17747.1	17771.1	24.0	1.22	1.22	1.22	1756.8	41.9		
													Min	12.6		
													Max	41.9		
													Average	27.4		

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
3-Jul-23	Cloudy	302.1	757.6	3.3728	3.4467	0.0739	15431.6	15455.6	24.0	1.21	1.21	1.21	1737.9	42.5	172.0	260.0
8-Jul-23	Sunny	303.5	758.6	3.3315	3.3771	0.0456	15455.6	15479.6	24.0	1.21	1.21	1.21	1735.5	26.3		
13-Jul-23	Sunny	304.1	755.2	3.3456	3.4347	0.0891	15479.6	15503.6	24.0	1.22	1.21	1.22	1749.8	50.9		
19-Jul-23	Sunny	302.2	757.0	3.3294	3.4752	0.1458	15503.6	15527.6	24.0	1.22	1.22	1.22	1756.4	83.0		
25-Jul-23	Sunny	304.4	754.2	3.3431	3.4233	0.0802	15527.6	15551.6	24.0	1.22	1.21	1.21	1748.2	45.9		
31-Jul-23	Sunny	302.2	755.1	3.3499	3.5281	0.1782	15551.6	15575.6	24.0	1.22	1.22	1.22	1754.4	101.5		
													Min	26.3		
													Max	101.5		
													Average	58.4		

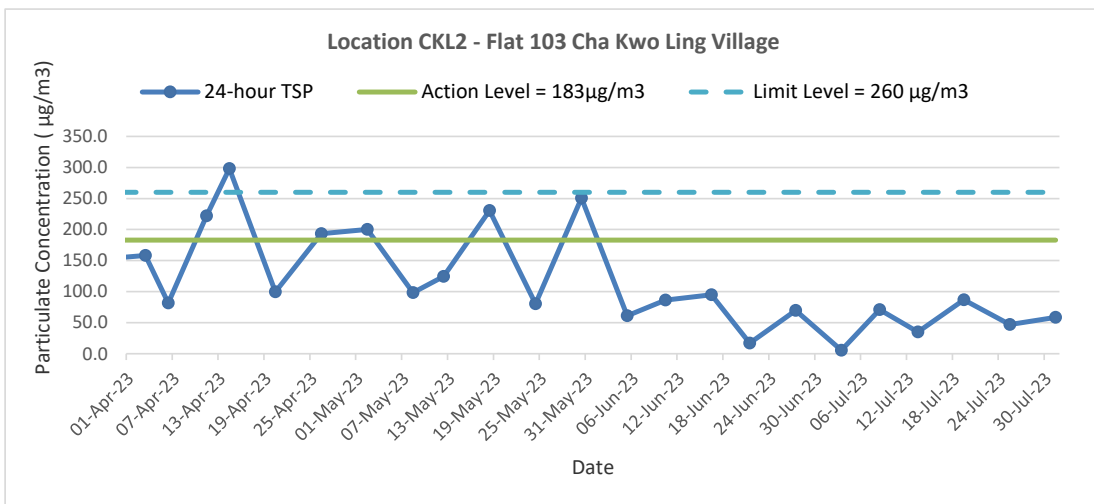
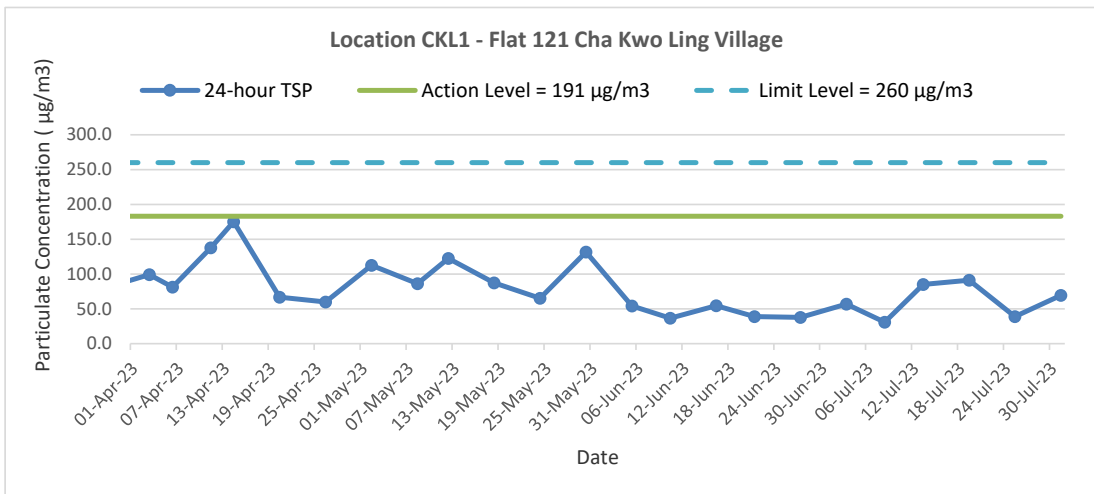
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
3-Jul-23	Cloudy	302.1	757.6	3.3691	3.4003	0.0312	16097.3	16121.3	24.0	1.21	1.21	1.21	1737.5	18.0	157.0	260.0
8-Jul-23	Sunny	303.5	758.6	3.3766	3.4487	0.0721	16121.3	16145.3	24.0	1.21	1.20	1.21	1735.2	41.6		
13-Jul-23	Sunny	304.1	755.2	3.3667	3.4353	0.0685	16145.3	16169.3	24.0	1.22	1.21	1.22	1750.6	39.2		
19-Jul-23	Sunny	302.2	757.0	3.3529	3.5314	0.1785	16169.3	16193.3	24.0	1.22	1.22	1.22	1756.9	101.6		
25-Jul-23	Sunny	304.4	754.2	3.3412	3.4072	0.0660	16193.3	16217.3	24.0	1.22	1.21	1.21	1749.1	37.7		
31-Jul-23	Sunny	302.2	755.1	3.3338	3.5140	0.1803	16217.3	16241.3	24.0	1.22	1.22	1.22	1755.0	102.7		
													Min	18.0		
													Max	102.7		
													Average	56.8		

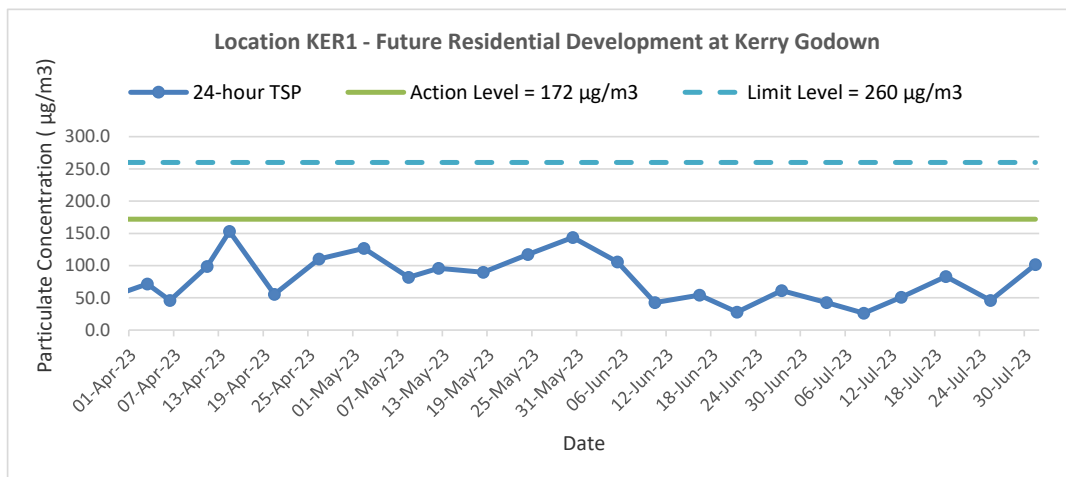
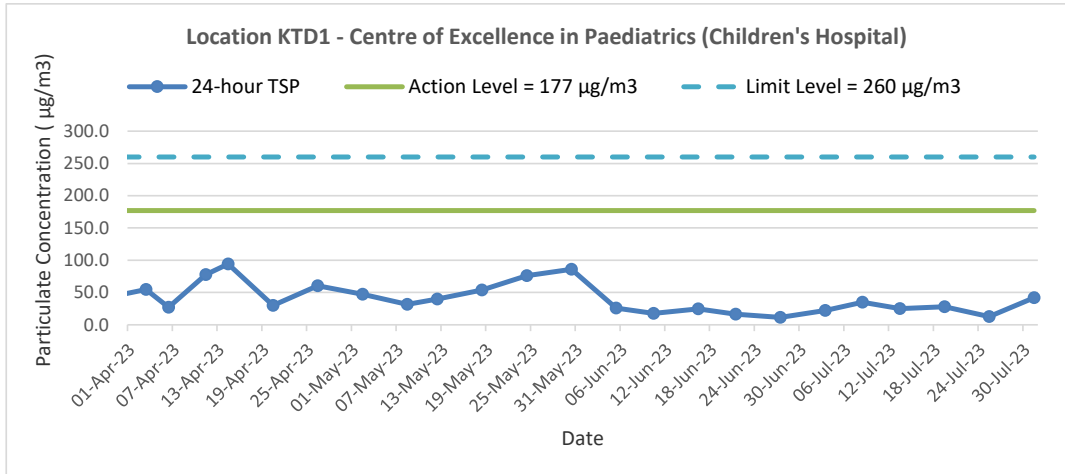
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24-hr TSP Concentration Levels



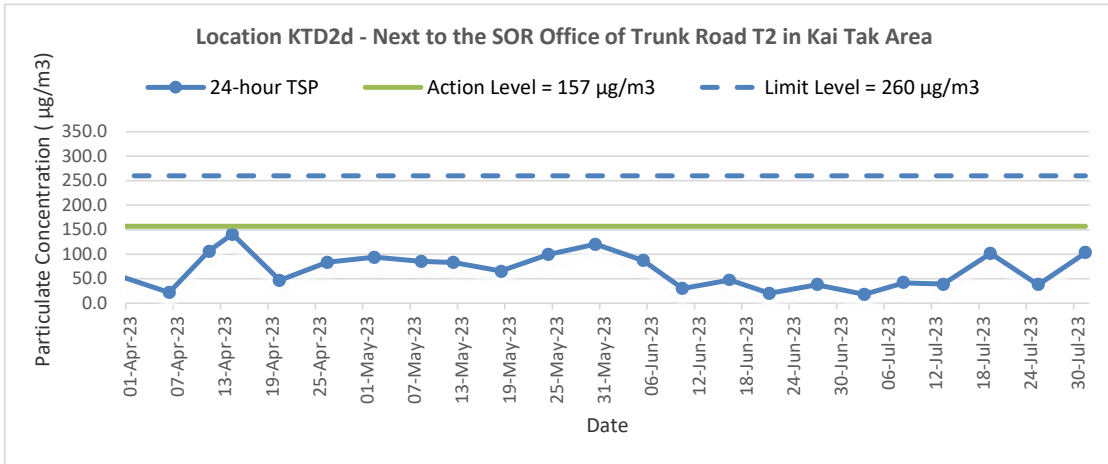
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Jul-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



<p>Title</p> <p style="text-align: center;">Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron</p>	<p>Date</p> <p style="text-align: center;">Jul-23</p>	<p>Project No.</p> <p style="text-align: center;">MA20003</p>	
<p style="text-align: center;">Graphical Presentation of 24-hour TSP Monitoring Results</p>	<p>Appendix</p> <p style="text-align: center;">F</p>	<p style="text-align: center;">F</p>	

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 Jul-23	Project No. MA20003	CINOTECH
		Appendix F	