

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					
3-Jul-24	Fine	303.4	759.7	3.3739	3.4870	0.1131	7920.9	7944.9	24.0	1.21	1.21	1.21	1741.9	64.9	191.0	260.0
9-Jul-24	Fine	303.8	757.3	3.3026	3.4493	0.1467	7944.9	7968.9	24.0	1.21	1.21	1.21	1748.2	83.9		
15-Jul-24	Cloudy	302.4	757.3	3.2984	3.3957	0.0973	7970.9	7994.9	24.0	1.22	1.22	1.22	1751.6	55.5		
20-Jul-24	Sunny	303.2	756.5	3.3238	3.3768	0.0529	7994.9	8018.9	24.0	1.21	1.21	1.21	1748.8	30.3		
26-Jul-24	Fine	302.3	750.2	3.3490	3.5259	0.1769	8018.9	8042.9	24.0	1.21	1.21	1.21	1745.1	101.4		
													Min	30.3		
													Max	101.4		
													Average	67.2		

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					
3-Jul-24	Sunny	303.4	759.7	3.3517	3.5212	0.1695	20398.7	20422.7	24.0	1.21	1.21	1.21	1742.6	87.3	183.0	260.0
9-Jul-24	Fine	303.8	757.3	3.3233	3.4200	0.0967	20422.7	20446.7	24.0	1.21	1.22	1.22	1749.8	55.3		
15-Jul-24	Rainy	302.4	757.3	3.3188	3.4293	0.1105	20471.7	20495.7	24.0	1.22	1.22	1.22	1753.2	63.0		
20-Jul-24	Sunny	303.2	756.5	3.3181	3.4168	0.0987	20495.7	20519.7	24.0	1.22	1.22	1.22	1749.6	56.4		
26-Jul-24	Fine	302.3	750.2	3.3542	3.4827	0.1285	20517.7	20541.7	24.0	1.21	1.22	1.21	1746.6	73.6		
													Min	55.3		
													Max	97.3		
													Average	69.1		

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					
3-Jul-24	Fine	303.4	759.7	3.3632	3.3869	0.0237	19268.1	19292.1	24.0	1.21	1.21	1.21	1739.3	13.6	177.0	260.0
9-Jul-24	Fine	303.8	757.3	3.3373	3.3560	0.0187	19292.1	19316.1	24.0	1.21	1.21	1.21	1736.0	10.8		
15-Jul-24	Cloudy	302.4	757.3	3.3589	3.3771	0.0182	19316.1	19340.1	24.0	1.22	1.22	1.22	1756.0	10.4		
20-Jul-24	Sunny	303.2	756.5	3.3794	3.3961	0.0167	19340.1	19364.1	24.0	1.22	1.22	1.22	1752.3	9.5		
26-Jul-24	Fine	302.3	750.2	3.3613	3.3893	0.0279	19364.1	19388.1	24.0	1.21	1.22	1.21	1748.6	16.0		
													Min	9.5		
													Max	16.0		
													Average	12.1		

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

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					
3-Jul-24	Fine	303.4	759.7	3.3083	3.4179	0.1096	17065.3	17089.3	24.0	1.21	1.21	1.21	1737.9	63.1	172.0	260.0
9-Jul-24	Fine	303.8	757.3	3.3402	3.4441	0.1039	17089.3	17113.3	24.0	1.20	1.20	1.20	1734.3	59.9		
15-Jul-24	Fine	302.4	757.3	3.3715	3.5840	0.2125	17113.4	17137.4	24.0	1.22	1.22	1.22	1755.5	121.0		
20-Jul-24	Sunny	303.2	756.5	3.3097	3.3994	0.0897	17137.4	17161.4	24.0	1.22	1.22	1.22	1752.5	51.2		
26-Jul-24	Fine	302.3	750.2	3.3397	3.4509	0.1111	17161.3	17185.3	24.0	1.21	1.22	1.21	1748.7	63.6		
													Min	51.2		
													Max	121.0		
													Average	71.8		

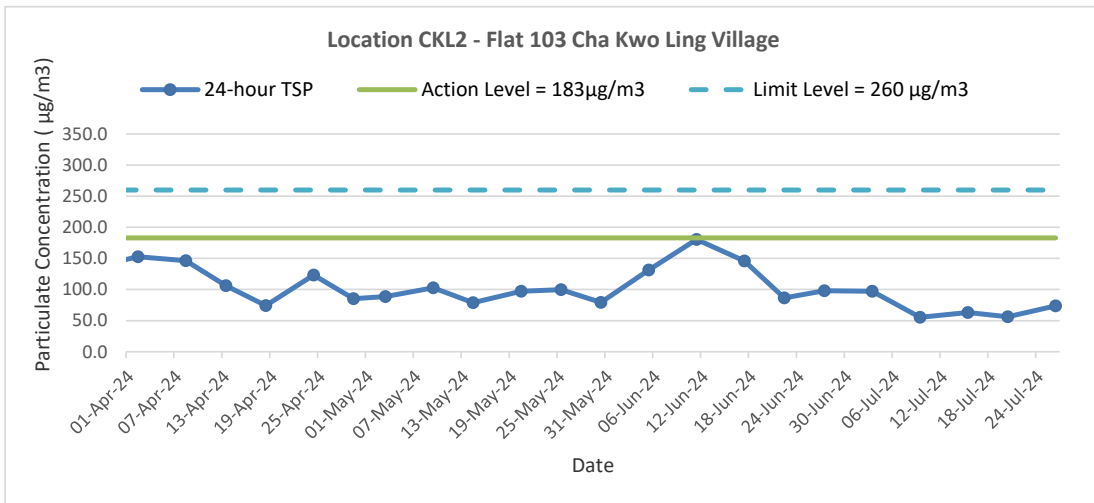
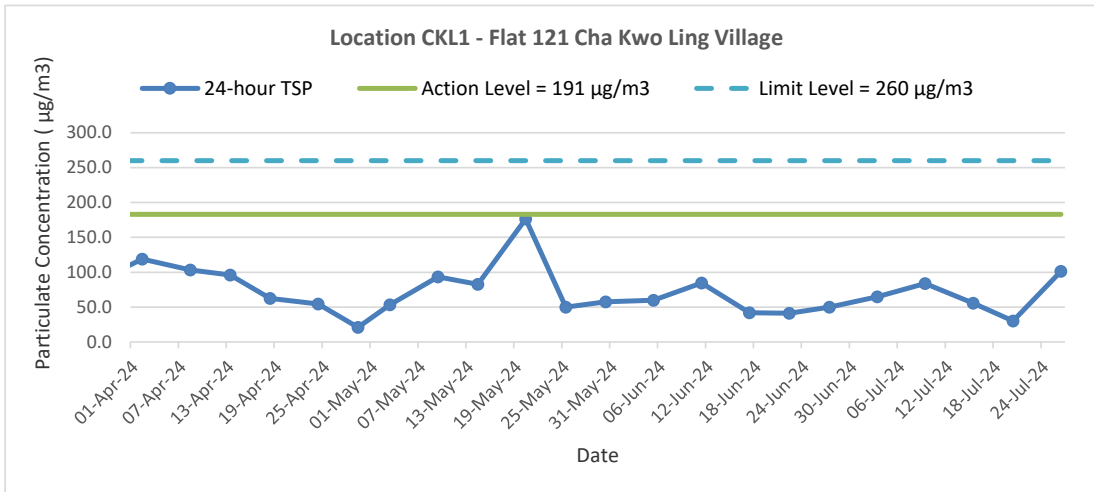
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
3-Jul-24	Fine	303.4	759.7	3.3510	3.4330	0.0820	17799.9	17823.9	24.0	1.21	1.21	1.21	1739.2	47.1	157.0	260.0
9-Jul-24	Fine	303.8	757.3	3.3185	3.3286	0.0101	17823.9	17847.9	24.0	1.21	1.21	1.21	1736.0	5.8		
15-Jul-24	Sunny	302.4	757.3	3.3007	3.4306	0.1299	17897.6	17921.6	24.0	1.22	1.22	1.22	1756.5	74.0		
20-Jul-24	Fine	303.2	756.5	3.3912	3.5582	0.1670	17921.6	17945.6	24.0	1.22	1.22	1.22	1753.6	95.2		
26-Jul-24	Fine	302.3	750.2	3.2843	3.4349	0.1506	17945.6	17969.6	24.0	1.21	1.22	1.22	1749.8	86.1		
													Min	5.8		
													Max	95.2		
													Average	61.6		

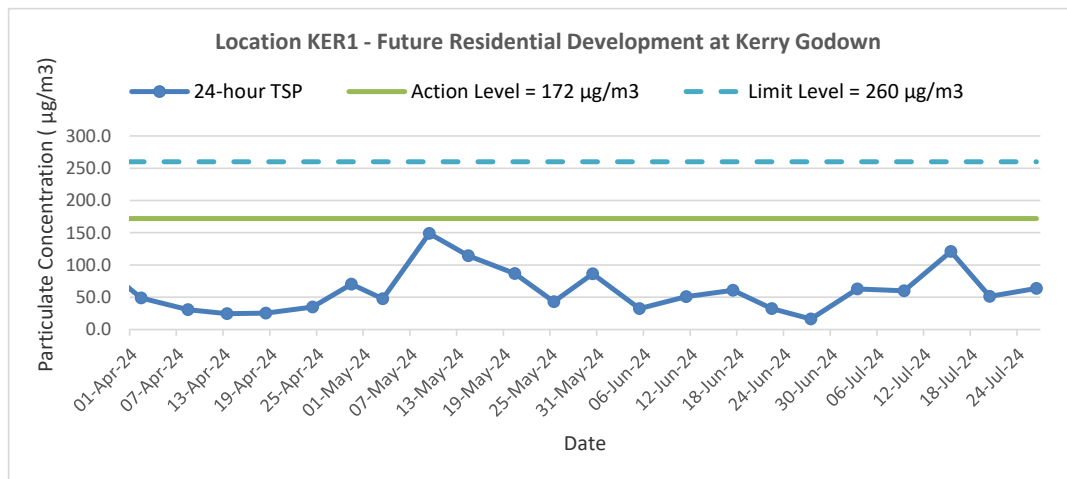
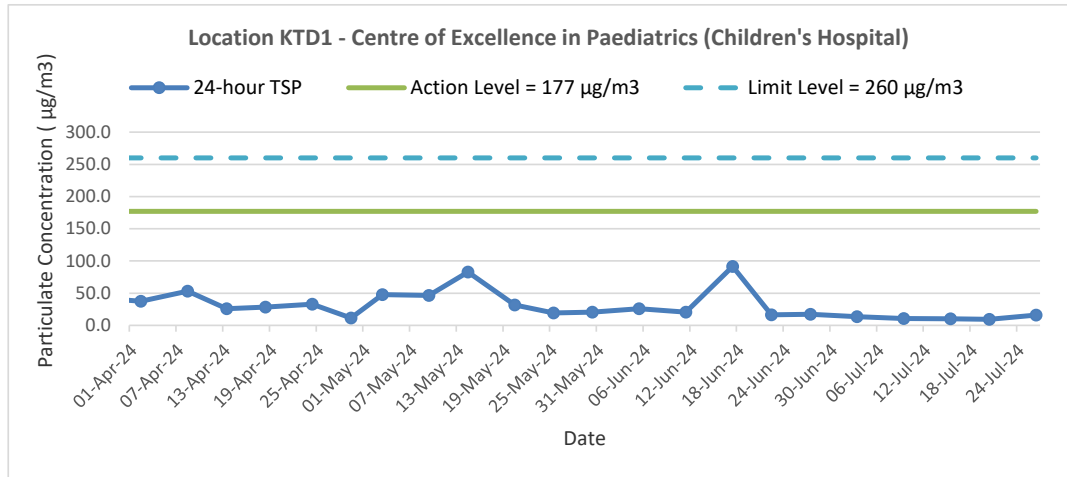
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24-hr TSP Concentration Levels



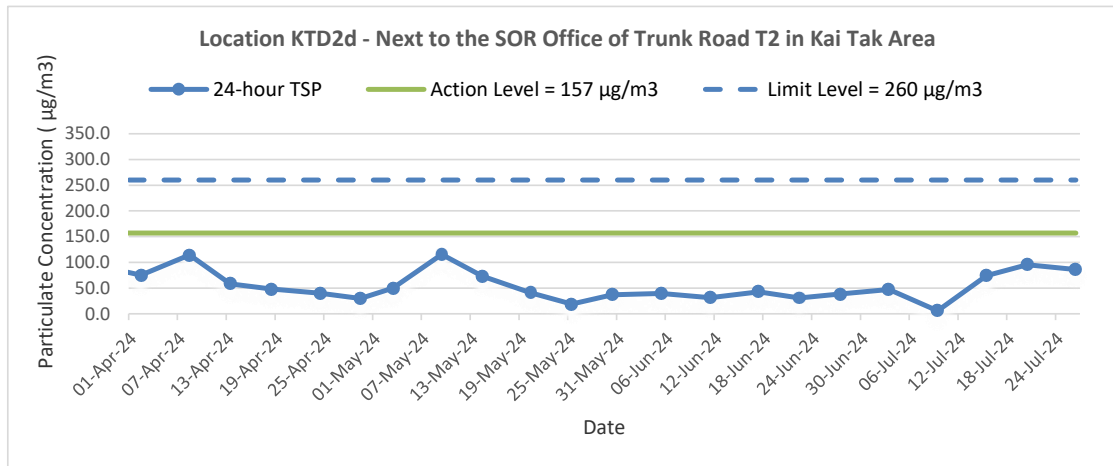
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Jul-24	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



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