

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-May-24	Cloudy	297.2	759.1	3.3204	3.4135	0.0931	7656.8	7680.8	24.0	1.21	1.21	1.21	1740.1	53.5	191.0	260.0
9-May-24	Fine	298.6	762.4	3.3153	3.4792	0.1639	7680.8	7704.8	24.0	1.22	1.22	1.22	1754.5	93.4		
14-May-24	Sunny	299.0	761.6	3.3766	3.5213	0.1447	7704.8	7728.8	24.0	1.22	1.22	1.22	1752.8	82.5		
20-May-24	Cloudy	297.9	756.7	3.3990	3.7080	0.3090	7728.8	7752.8	24.0	1.22	1.22	1.22	1750.8	176.5		
25-May-24	Fine	299.9	757.9	3.3721	3.4593	0.0872	7752.8	7776.8	24.0	1.21	1.21	1.21	1747.4	49.9		
30-May-24	Rainy	299.4	755.6	3.3666	3.4672	0.1006	7776.8	7800.8	24.0	1.21	1.21	1.21	1746.5	57.6		
													Min	49.9		
													Max	176.5		
													Average	85.6		

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-May-24	Cloudy	297.2	759.1	3.3290	3.4836	0.1546	20110.7	20134.7	24.0	1.21	1.21	1.21	1743.5	88.7	183.0	260.0
9-May-24	Cloudy	298.6	762.4	3.3332	3.5138	0.1806	20134.7	20158.7	24.0	1.22	1.22	1.22	1755.7	102.9		
14-May-24	Fine	299.0	761.6	3.3941	3.5321	0.1380	20158.7	20182.7	24.0	1.22	1.22	1.22	1754.1	78.7		
20-May-24	Fine	297.9	756.7	3.3280	3.4987	0.1707	20182.7	20206.7	24.0	1.22	1.22	1.22	1752.1	97.4		
25-May-24	Cloudy	299.9	757.9	3.3295	3.5039	0.1744	20206.7	20230.7	24.0	1.22	1.21	1.21	1748.8	99.7		
30-May-24	Rainy	299.4	755.6	3.3121	3.4506	0.1385	20230.7	20254.7	24.0	1.22	1.21	1.21	1747.9	79.2		
													Min	78.7		
													Max	102.9		
													Average	91.1		

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-May-24	Cloudy	297.2	759.1	3.3682	3.4505	0.0824	19004.0	19028.0	24.0	1.20	1.20	1.20	1723.7	47.8	177.0	260.0
9-May-24	Fine	298.6	762.4	3.3279	3.4083	0.0804	19028.1	19052.1	24.0	1.20	1.20	1.20	1725.6	46.6		
14-May-24	Sunny	299.0	761.6	3.3766	3.5213	0.1447	19052.1	19076.1	24.0	1.22	1.22	1.22	1751.5	82.6		
20-May-24	Cloudy	297.9	756.7	3.3681	3.4233	0.0553	19076.1	19100.1	24.0	1.22	1.21	1.21	1749.4	31.6		
25-May-24	Fine	299.9	757.9	3.3599	3.3938	0.0339	19076.1	19100.1	24.0	1.21	1.21	1.21	1745.9	19.4		
30-May-24	Rainy	299.4	755.6	3.3284	3.3639	0.0356	19124.1	19148.1	24.0	1.21	1.21	1.21	1744.9	20.4		
													Min	19.4		
													Max	82.6		
													Average	41.4		

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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-May-24	Cloudy	297.2	759.1	3.3608	3.4426	0.0818	16801.3	16825.3	24.0	1.20	1.20	1.20	1724.3	47.4	172.0	260.0
9-May-24	Fine	298.6	762.4	3.2924	3.5493	0.2569	16825.3	16849.3	24.0	1.20	1.20	1.20	1724.1	149.0		
14-May-24	Sunny	299.0	761.6	3.2817	3.4819	0.2003	16849.3	16873.3	24.0	1.22	1.22	1.22	1750.9	114.4		
20-May-24	Cloudy	297.9	756.7	3.3388	3.4903	0.1515	16873.3	16897.3	24.0	1.21	1.21	1.21	1748.6	86.6		
25-May-24	Fine	299.9	757.9	3.3353	3.4106	0.0754	16897.3	16921.3	24.0	1.21	1.21	1.21	1744.8	43.2		
30-May-24	Rainy	299.4	755.6	3.3617	3.5123	0.1506	16921.3	16945.3	24.0	1.21	1.21	1.21	1743.9	86.4		
													Min	43.2		
													Max	149.0		
													Average	87.8		

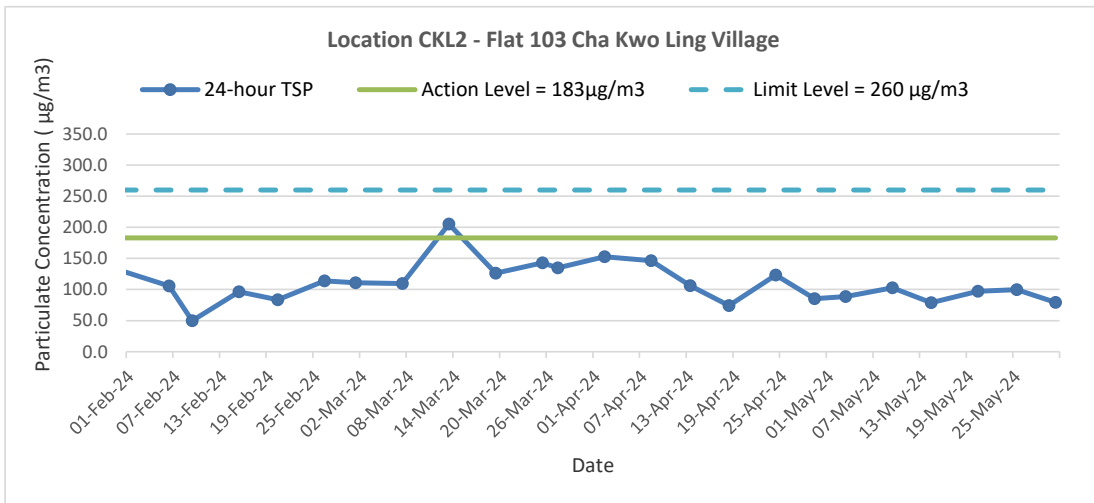
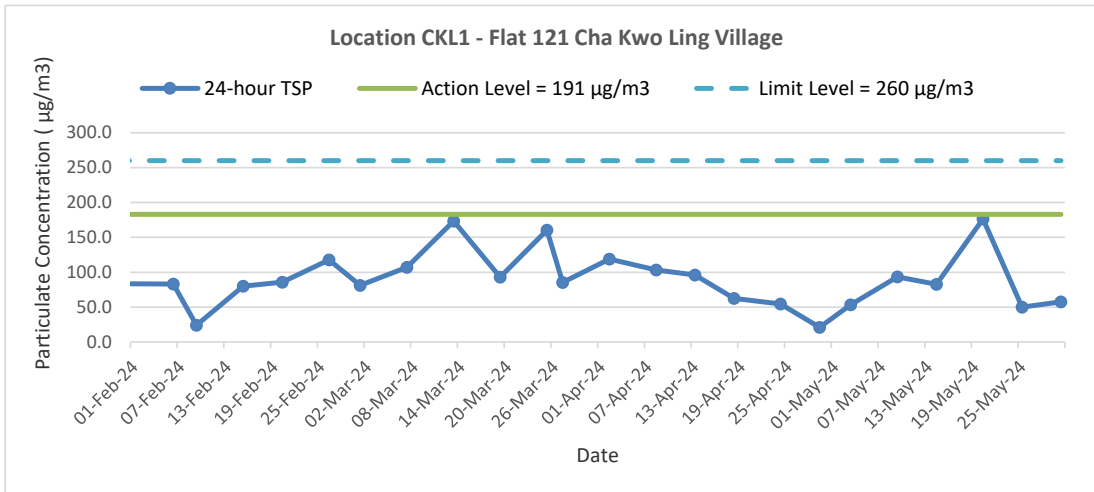
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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-May-24	Cloudy	297.2	759.1	3.3139	3.3999	0.0859	17535.9	17559.9	24.0	1.20	1.20	1.20	1726.9	49.8	157.0	260.0
9-May-24	Fine	298.6	762.4	3.6841	3.8837	0.1996	17559.9	17583.9	24.0	1.20	1.20	1.20	1726.7	115.6		
14-May-24	Sunny	299.0	761.6	3.3360	3.4637	0.1277	17583.9	17607.9	24.0	1.22	1.22	1.22	1751.0	72.9		
20-May-24	Cloudy	297.9	756.7	3.3678	3.4388	0.0710	17607.9	17631.9	24.0	1.21	1.21	1.21	1748.9	40.6		
25-May-24	Cloudy	299.9	757.9	3.3823	3.4151	0.0328	17631.9	17655.9	24.0	1.21	1.21	1.21	1745.5	18.8		
30-May-24	Rainy	299.4	755.6	3.3343	3.3988	0.0645	17655.9	17679.9	24.0	1.21	1.21	1.21	1744.6	37.0		
													Min	18.8		
													Max	115.6		
													Average	55.8		

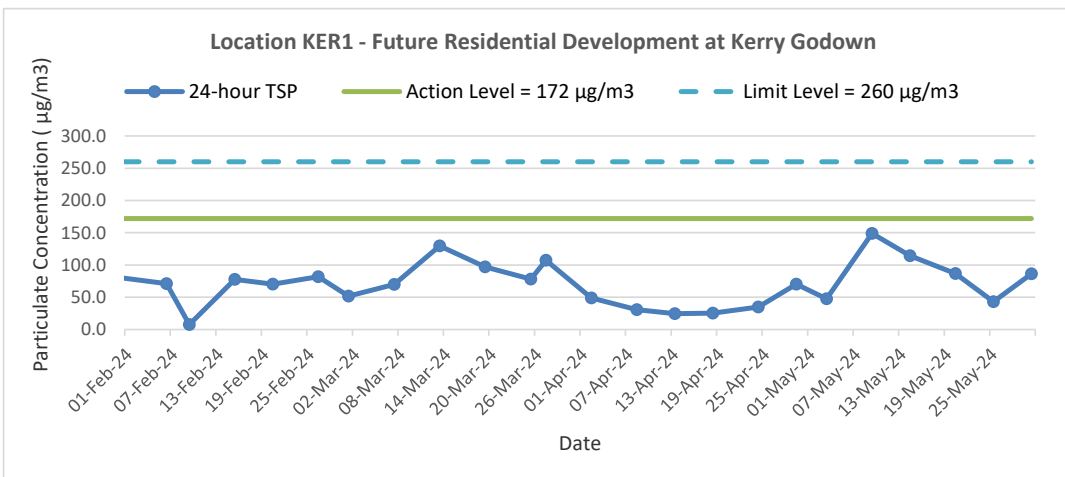
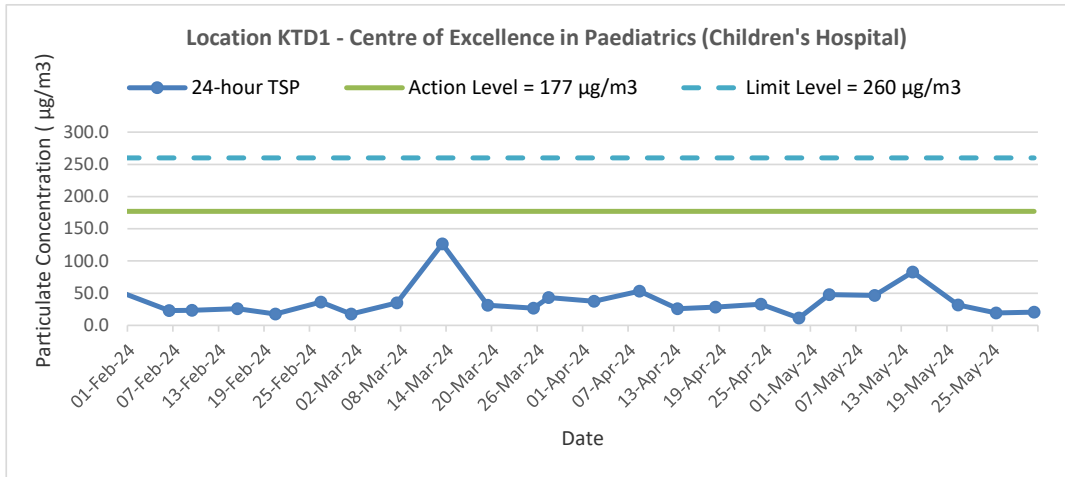
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24-hr TSP Concentration Levels



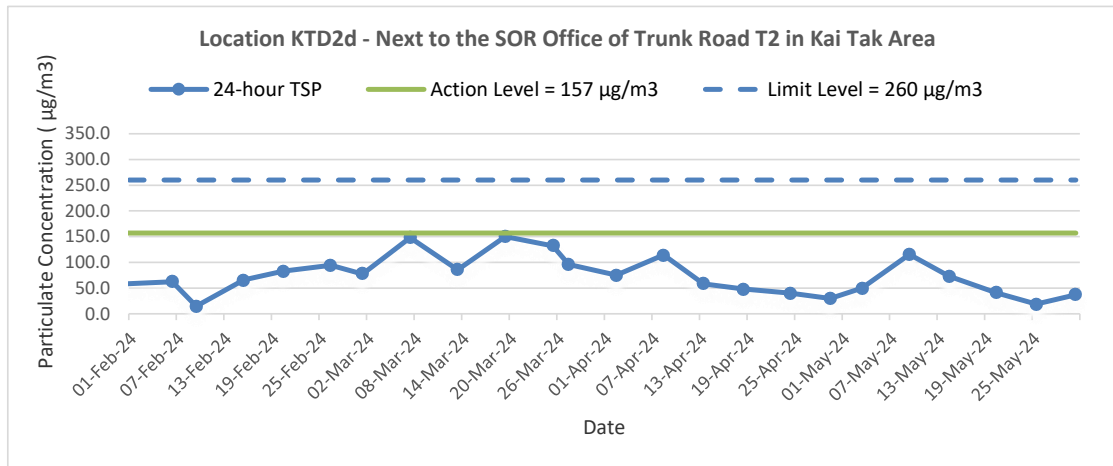
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	May-24	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



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