

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					
5-Dec-23	Fine	294.6	763.5	3.6937	3.8917	0.1979	6957.9	6981.9	24.0	1.23	1.23	1.23	1766.1	112.1	191.0	260.0
11-Dec-23	Fine	297.5	762.6	3.7316	3.9112	0.1796	6981.9	7005.9	24.0	1.22	1.22	1.22	1758.6	102.1		
16-Dec-23	Fine	289.2	768.0	3.3449	3.4962	0.1514	7005.9	7029.9	24.0	1.23	1.24	1.24	1783.6	84.9		
22-Dec-23	Cloudy	283.8	773.5	3.3342	3.5367	0.2024	7029.9	7053.9	24.0	1.25	1.25	1.25	1802.1	112.3		
29-Dec-23	Sunny	293.1	765.8	3.3247	3.5323	0.2075	7056.7	7080.7	24.0	1.23	1.23	1.23	1772.0	117.1		
													Min	84.9		
													Max	117.1		
													Average	105.7		

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance
 * 24-hr TSP Monitoring at CKL1 was rescheduled to 29 Dec 2023 due to the cut off unexpectedly by circuit breaker

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					
5-Dec-23	Cloudy	294.6	763.5	3.3188	3.5055	0.1867	18302.2	18326.2	24.0	1.22	1.23	1.23	1764.7	105.8	183.0	260.0
11-Dec-23	Sunny	297.5	762.6	3.3444	3.5537	0.2093	19438.1	19462.1	24.0	1.22	1.22	1.22	1757.7	119.1		
16-Dec-23	Cloudy	289.2	768.0	3.3490	3.5230	0.1740	19462.1	19486.1	24.0	1.23	1.24	1.24	1780.9	97.7		
22-Dec-23	Cloudy	283.8	773.5	3.3455	3.5286	0.1831	19486.1	19510.1	24.0	1.25	1.25	1.25	1798.1	101.8		
28-Dec-23	Cloudy	292.8	767.3	3.3372	3.5830	0.2458	19510.2	19534.2	24.0	1.23	1.23	1.23	1772.1	138.7		
													Min	97.7		
													Max	138.7		

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					
5-Dec-23	Fine	294.6	763.5	3.3495	3.4040	0.0545	18302.2	18326.2	24.0	1.23	1.23	1.23	1768.7	30.8	177.0	260.0
11-Dec-23	Sunny	297.5	762.6	3.3632	3.4175	0.0543	18326.2	18350.2	24.0	1.22	1.22	1.22	1761.1	30.8		
16-Dec-23	Fine	289.2	768.0	3.3580	3.4495	0.0915	18350.2	18374.2	24.0	1.24	1.25	1.24	1787.9	51.2		
22-Dec-23	Cloudy	283.8	773.5	3.3264	3.3962	0.0698	18374.2	18398.2	24.0	1.26	1.26	1.26	1808.2	38.6		
28-Dec-23	Sunny	292.8	767.3	3.3383	3.3894	0.0511	18398.2	18423.2	24.0	1.23	1.23	1.23	1777.4	28.7		
													Min	28.7		
													Max	51.2		
													Average	36.0		

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					
5-Dec-23	Fine	294.6	763.5	3.3479	3.4708	0.1229	16103.7	16127.7	24.0	1.23	1.23	1.23	1767.2	69.5	172.0	260.0
11-Dec-23	Fine	297.5	762.6	3.3678	3.4737	0.1059	16127.7	16151.7	24.0	1.22	1.22	1.22	1759.7	60.2		
16-Dec-23	Fine	289.2	768.0	3.3433	3.4712	0.1279	16151.7	16175.7	24.0	1.23	1.25	1.24	1786.2	71.6		
22-Dec-23	Cloudy	283.8	773.5	3.3465	3.5909	0.2444	16175.7	16199.7	24.0	1.25	1.25	1.25	1806.2	135.3		
28-Dec-23	Sunny	292.8	767.3	3.3019	3.5033	0.2014	16201.5	16225.5	24.0	1.23	1.23	1.23	1775.8	113.4		
													Min	60.2		
													Max	135.3		
													Average	90.0		

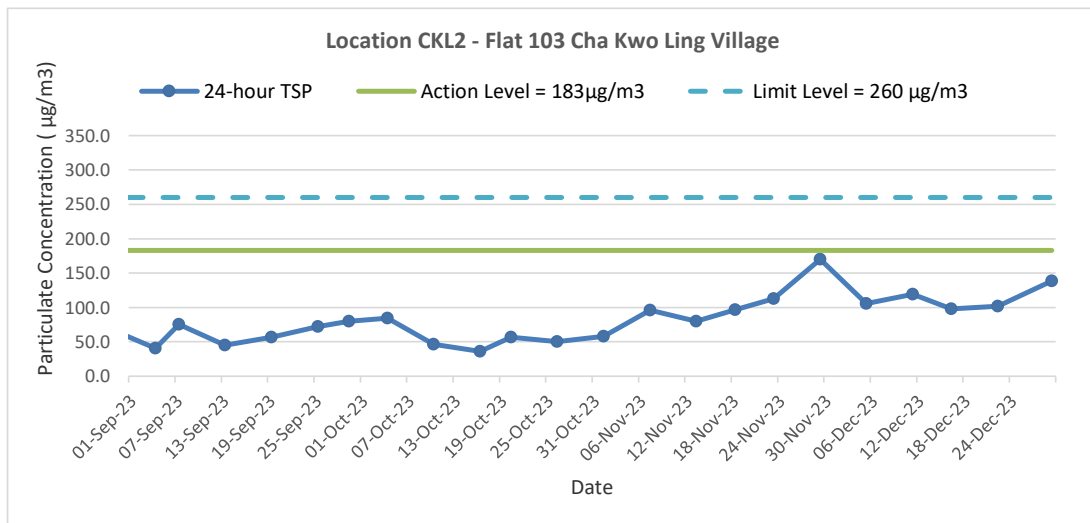
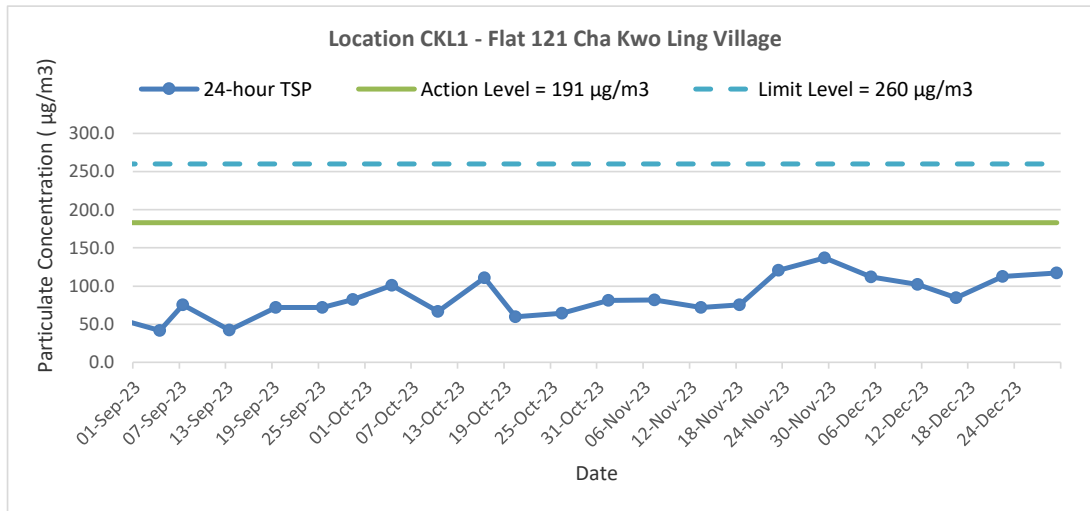
Note: ***Bold Italic*** means Action Level exceedance
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Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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					
5-Dec-23	Fine	294.6	763.5	3.6954	3.8752	0.1798	16756.9	16780.9	24.0	1.23	1.23	1.23	1765.0	101.9	157.0	260.0
11-Dec-23	Fine	297.5	762.6	3.3523	3.5806	0.2282	16780.9	16804.9	24.0	1.22	1.22	1.22	1757.2	129.9		
16-Dec-23	Fine	289.2	768.0	3.3400	3.5432	0.2032	16804.9	16828.9	24.0	1.23	1.24	1.24	1782.9	114.0		
22-Dec-23	Cloudy	283.8	773.5	3.3278	3.5097	0.1819	16828.9	16852.9	24.0	1.25	1.25	1.25	1801.9	101.0		
28-Dec-23	Sunny	292.8	767.3	3.3158	3.4236	0.1078	16853.7	16877.7	24.0	1.23	1.23	1.23	1773.2	60.8		
													Min	60.8		
													Max	129.9		
													Average	101.5		

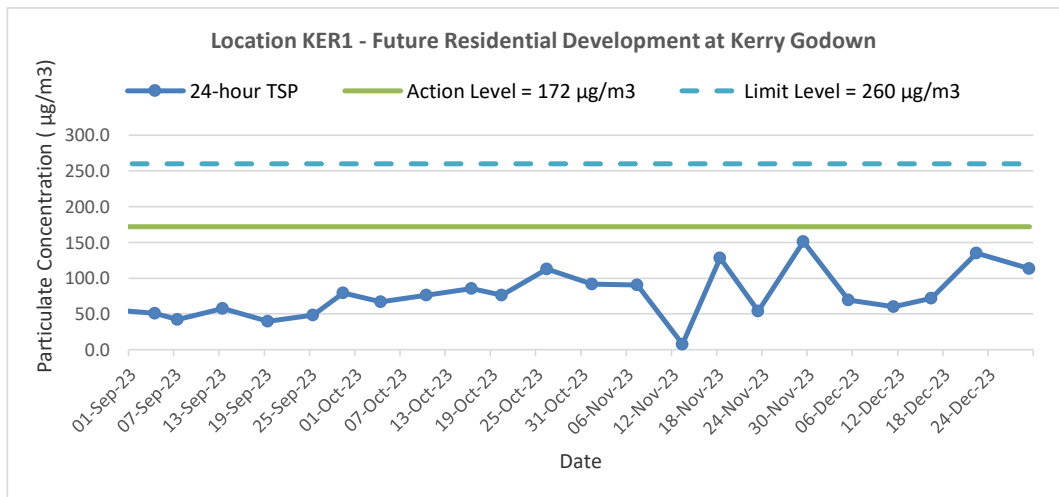
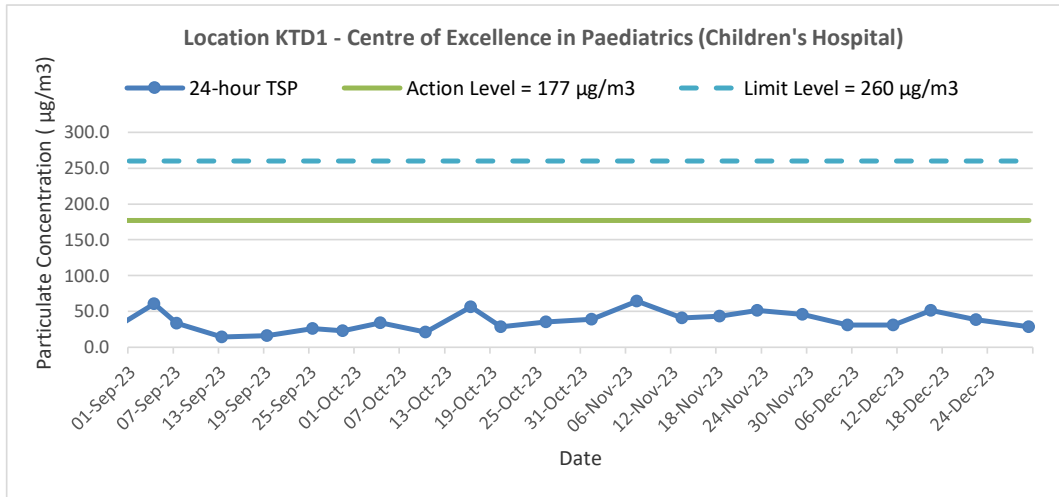
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24-hr TSP Concentration Levels



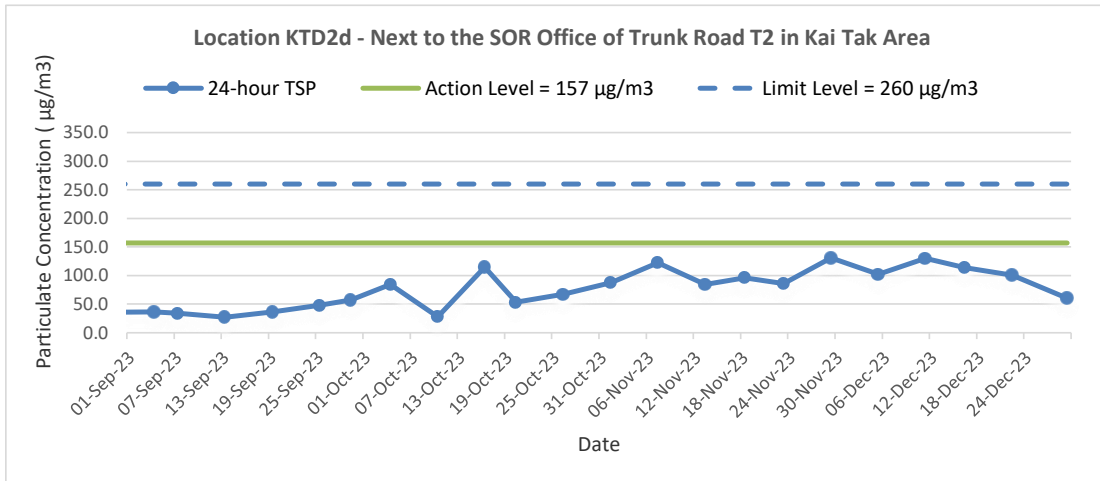
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Dec-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



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

24-hr TSP Concentration Levels



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