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. ($\mu g/m^3$)	Action Level (μg/m3)	Limit Level (μg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Sep-26	Fine	301.0	752.1	2.8067	2.8415	0.0348	17290.0	17314.0	24.0	1.22	1.22	1.22	1754.0	19.8	191.0	260.0
9-Sep-26	Sunny	302.1	759.3	2.7984	2.8434	0.0450	17314.0	17338.0	24.0	1.22	1.22	1.22	1756.8	25.6		
15-Sep-26	Sunny	301.4	761.1	2.8909	2.9292	0.0383	17338.0	17362.0	24.0	1.22	1.22	1.22	1759.9	21.8		
21-Sep-26	Sunny	302.2	760.7	2.8493	2.8803	0.0310	17362.0	17386.0	24.0	1.22	1.22	1.22	1757.8	17.7		
25-Sep-26	Sunny	302.0	760.2	2.8066	2.8317	0.0251	17386.0	17410.0	24.0	1.22	1.22	1.22	1757.7	14.3		
30-Sep-26	Sunny	303.5	760.2	2.8220	2.8448	0.0227	17410.0	17434.0	24.0	1.22	1.22	1.22	1754.4	12.9		
													Min	12.9		
													Max	25.6		
													Average	18.7		

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. ($\mu g/m^3$)	Action Level (μg/m3)	Limit Level (μg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Sep-26	Fine	301.0	752.1	2.8262	2.8735	0.0473	23884.2	23908.2	24.0	1.22	1.22	1.22	1751.8	27.0	183.0	260.0
9-Sep-26	Sunny	302.1	759.3	2.8185	2.9119	0.0934	23908.2	23932.2	24.0	1.22	1.22	1.22	1759.9	53.1		
15-Sep-26	Sunny	301.4	761.1	2.8340	2.9070	0.0730	23932.2	23956.2	24.0	1.22	1.22	1.22	1763.1	41.4		
21-Sep-26	Sunny	302.2	760.7	2.8073	2.9035	0.0962	23956.2	23980.2	24.0	1.22	1.22	1.22	1761.0	54.6		
25-Sep-26	Sunny	302.0	760.2	2.8181	2.8721	0.0540	23980.2	24004.2	24.0	1.22	1.22	1.22	1760.8	30.7		
30-Sep-26	Fine	303.5	760.2	2.8098	2.8389	0.0291	23956.2	23980.2	24.0	1.22	1.22	1.22	1757.4	16.6		
													Min	16.6		
													Max	54.6		
													Average	37.2		

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. ($\mu g/m^3$)	Action Level (μg/m3)	Limit Level (μg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Sep-26	Fine	301.0	752.1	2.8215	2.8768	0.0553	22660.7	22684.7	24.0	1.22	1.22	1.22	1753.9	31.5	177.0	260.0
9-Sep-26	Sunny	302.1	759.3	2.8303	2.9114	0.0811	22684.7	22708.7	24.0	1.22	1.22	1.22	1758.0	46.1		
15-Sep-26	Sunny	301.4	761.1	2.8351	2.9191	0.0839	22708.7	22732.7	24.0	1.22	1.22	1.22	1761.1	47.7		
21-Sep-26	Fine	302.2	760.7	2.8502	2.9057	0.0555	22732.8	22756.8	24.0	1.22	1.22	1.22	1759.0	31.5		
25-Sep-26	Sunny	302.0	760.2	2.8409	2.9024	0.0616	22756.8	22780.8	24.0	1.22	1.22	1.22	1758.9	35.0		
30-Sep-26	Sunny	303.5	760.2	2.8233	2.8535	0.0302	22780.8	22804.8	24.0	1.22	1.22	1.22	1755.6	17.2		
													Min	17.2		
													Max	47.7		
													Average	34.8		

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

Location KER1c - Site Boundary at Cheung Yip Street

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. ($\mu g/m^3$)	Action Level (μg/m3)	Limit Level (μg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Sep-26	Fine	301.0	752.1	2.8438	2.8806	0.0367	20182.0	20206.0	24.0	1.22	1.22	1.22	1751.4	21.0	172.0	260.0
9-Sep-26	Sunny	302.1	759.3	2.8256	2.8874	0.0618	20206.0	20230.0	24.0	1.22	1.22	1.22	1756.1	35.2		
15-Sep-26	Sunny	301.4	761.1	2.8272	2.8761	0.0489	20230.0	20254.0	24.0	1.22	1.22	1.22	1759.9	27.8		
21-Sep-26	Sunny	302.2	760.7	2.8497	2.8941	0.0444	15123.2	15147.2	24.0	1.22	1.22	1.22	1757.4	25.3		
25-Sep-26	Sunny	302.0	760.2	2.8163	2.8904	0.0741	15147.2	15171.2	24.0	1.22	1.22	1.22	1757.2	42.2		
30-Sep-26	Sunny	303.5	760.2	2.8191	2.8427	0.0237	15171.2	15195.2	24.0	1.22	1.22	1.22	1753.2	13.5		
													Min	13.5		
													Max	42.2		
													Average	27.5		

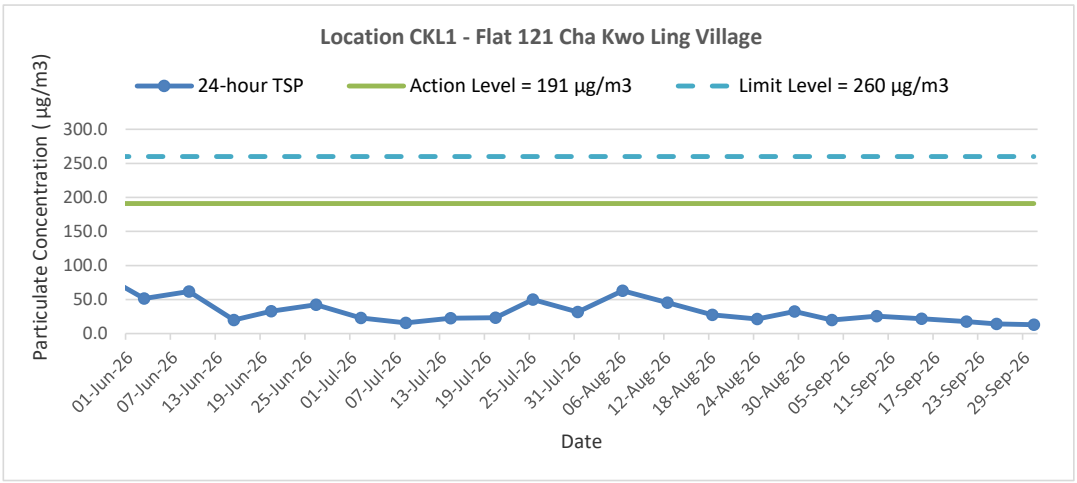
Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

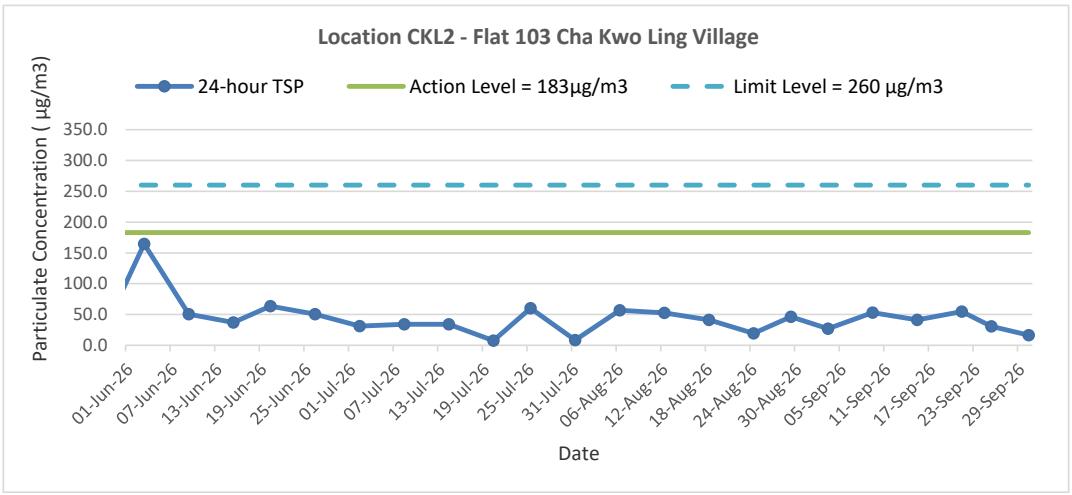
Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

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. ($\mu g/m^3$)	Action Level (μg/m3)	Limit Level (μg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Sep-26	Fine	301.0	752.1	2.8366	2.8554	0.0188	21296.3	21320.3	24.0	1.22	1.22	1.22	1755.2	10.7	157.0	260.0
9-Sep-26	Sunny	302.1	759.3	2.8305	2.8603	0.0299	21320.3	21344.3	24.0	1.22	1.22	1.22	1756.0	17.0		
15-Sep-26	Sunny	301.4	761.1	2.8469	2.8724	0.0254	21344.3	21368.3	24.0	1.22	1.22	1.22	1759.7	14.5		
21-Sep-26	Fine	302.2	760.7	2.8474	2.8826	0.0352	21368.3	21392.3	24.0	1.22	1.22	1.22	1757.0	20.0		
25-Sep-26	Sunny	302.0	760.2	2.8424	2.8614	0.0189	21392.3	21416.3	24.0	1.22	1.22	1.22	1756.9	10.8		
30-Sep-26	Sunny	303.5	760.2	2.8202	2.8358	0.0156	21416.3	21440.3	24.0	1.22	1.22	1.22	1753.7	8.9		
													Min	8.9		
													Max	20.0		
													Average	13.6		

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

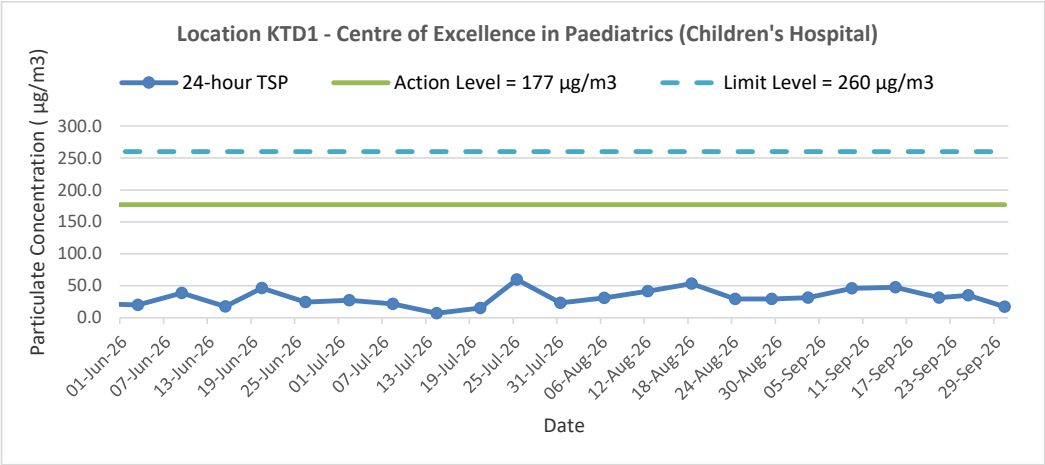
24-hr TSP Concentration Levels

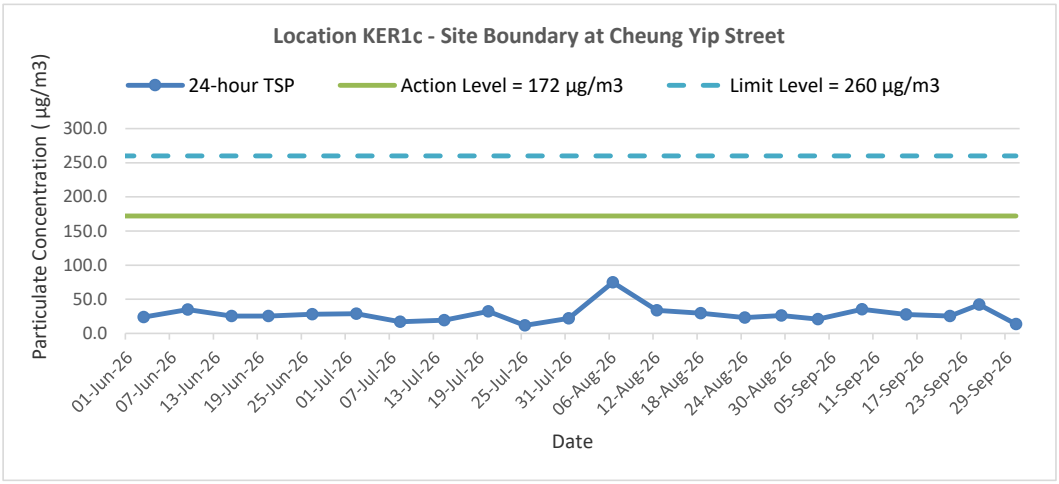




Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date: Sep-26	Project No.: MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results		Appendix: F	

24-hr TSP Concentration Levels

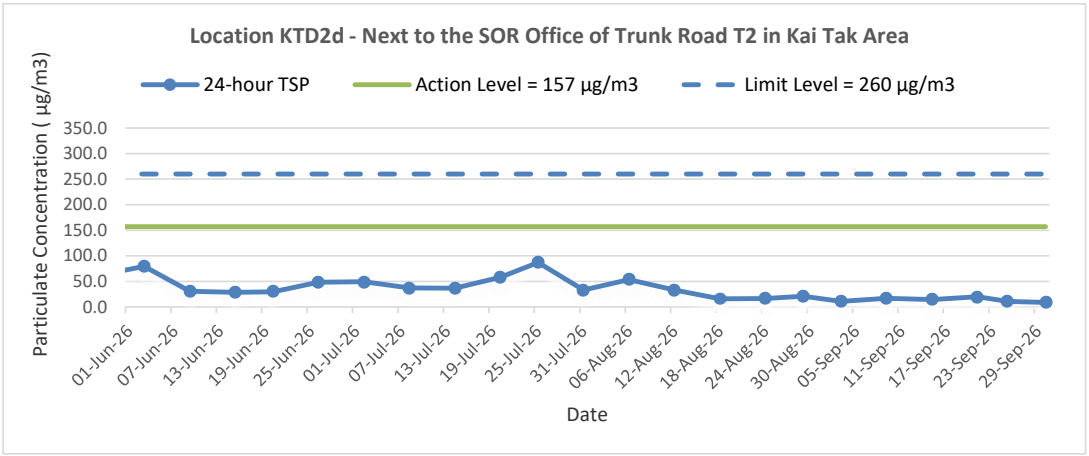




Remark: The 24-hr TSP air quality monitoring at KER1 was suspended since 16 March 2026 due to the power supply failure, and resumed at the relocated station KER1c in June 2026 after EPD's approval.

Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date: Sep-26	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: Sep-26	Project No.: MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results		Appendix: F	