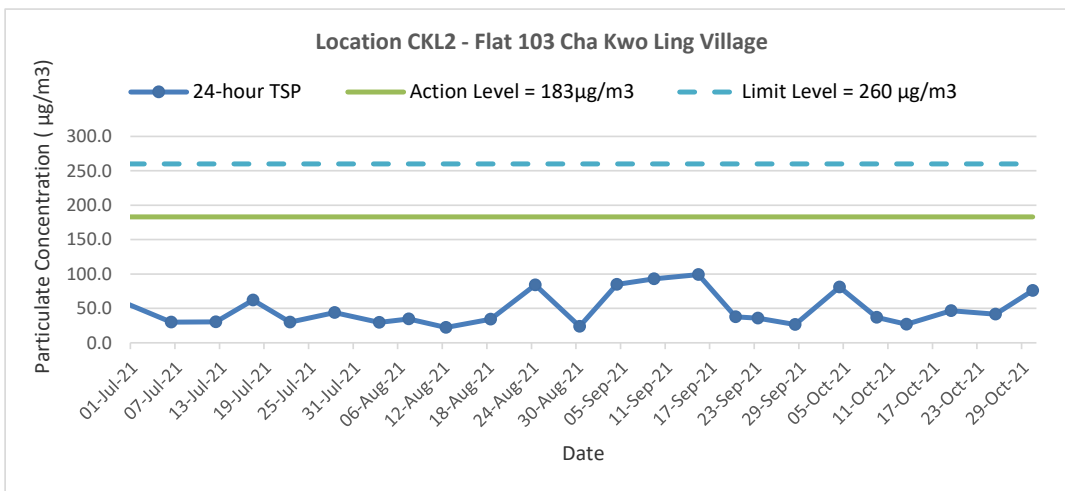
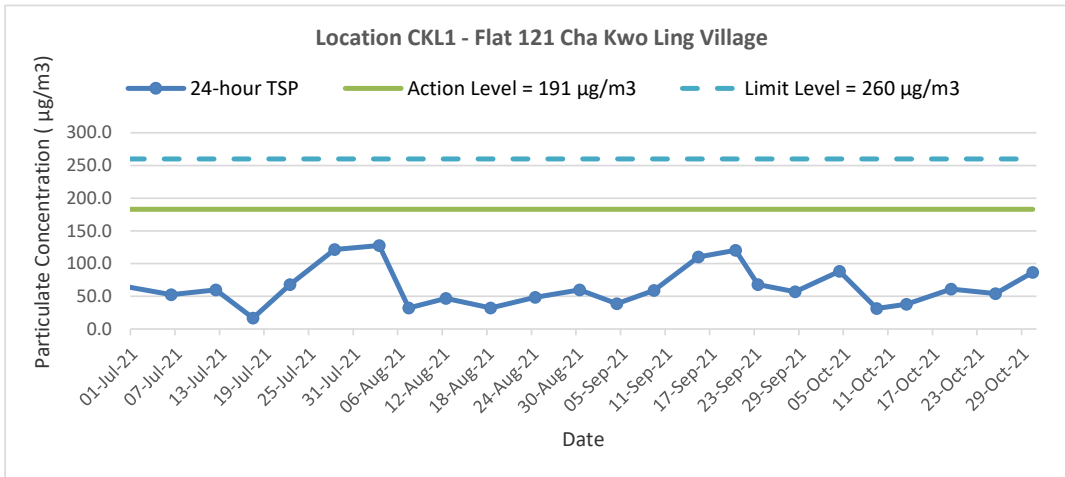
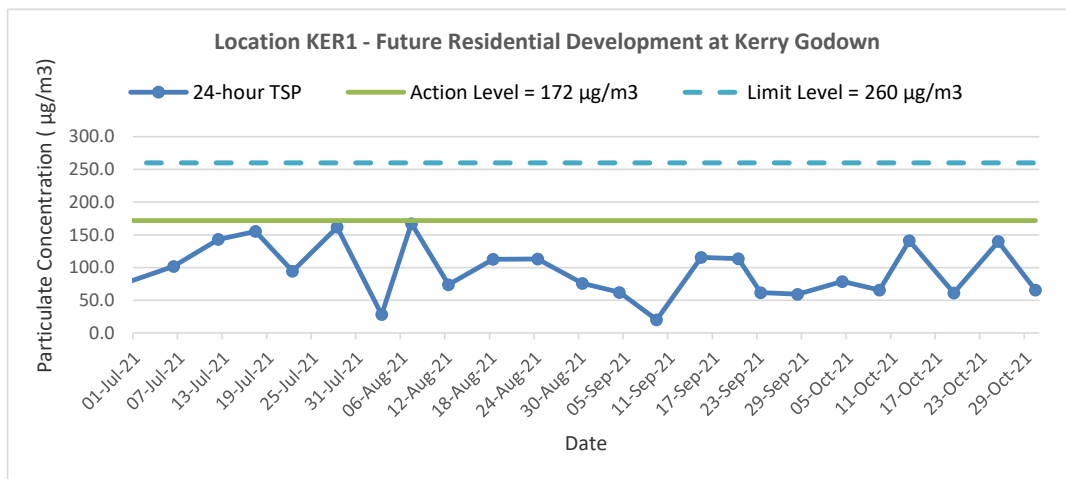
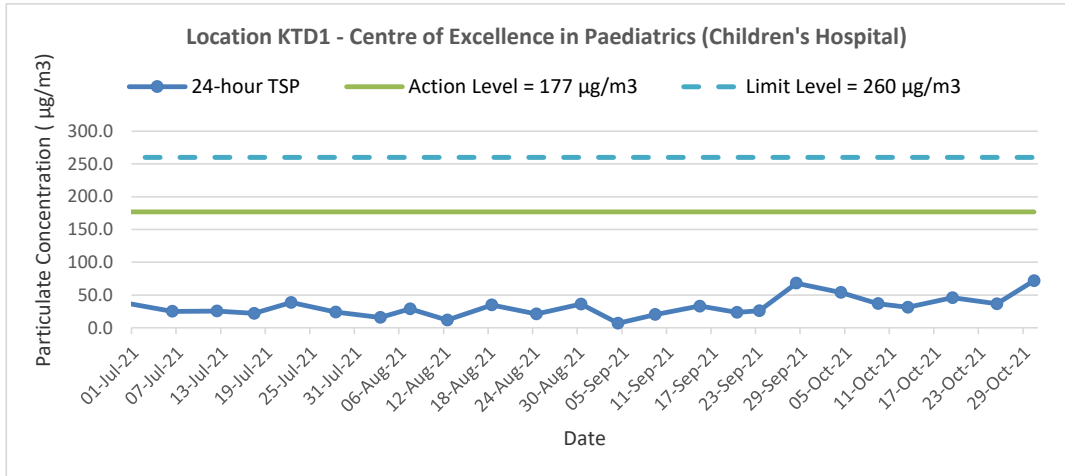


24-hr TSP Concentration Levels



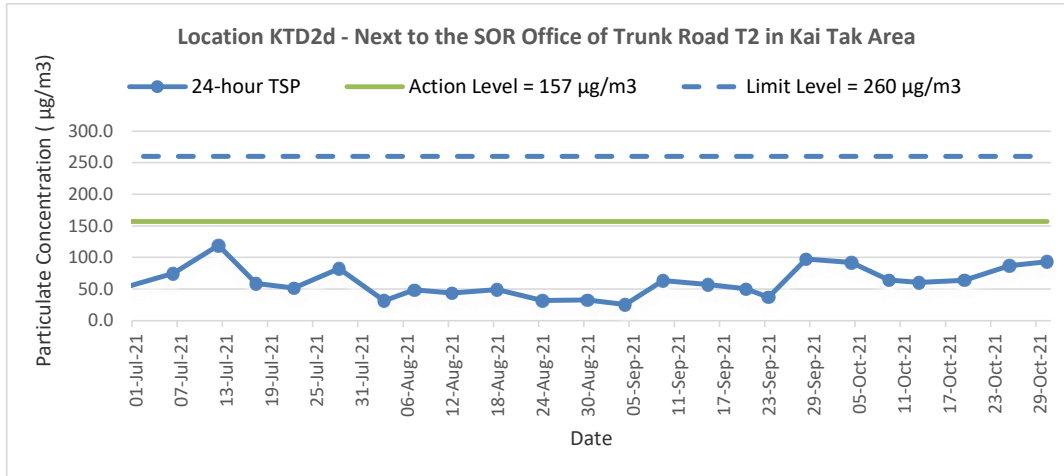
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Oct-21	Project No. MA20003	
		Appendix F	

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 Oct-21	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Oct-21	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

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					
4-Oct-21	Sunny	303.0	760.0	3.3335	3.4881	0.1546	3138.8	3162.8	24.0	1.22	1.22	1.22	1753.2	88.2	191.0	260.0
9-Oct-21	Fine	299.7	755.8	3.4150	3.4703	0.0553	3162.8	3186.8	24.0	1.22	1.22	1.22	1757.0	31.5		
13-Oct-21	Rainy	299.8	755.4	3.3588	3.4251	0.0663	3186.8	3210.8	24.0	1.22	1.22	1.22	1756.2	37.7		
19-Oct-21	Sunny	299.3	763.6	3.4011	3.5088	0.1076	3210.8	3234.8	24.0	1.23	1.22	1.23	1765.1	61.0		
25-Oct-21	Sunny	297.1	763.2	3.4297	3.5252	0.0955	3258.8	3282.8	24.0	1.23	1.23	1.23	1769.7	54.0		
30-Oct-21	Sunny	297.4	765.1	3.3532	3.5068	0.1536	3282.8	3306.8	24.0	1.23	1.23	1.23	1770.9	86.8		
													Min	31.5		
													Max	88.2		
													Average	59.8		

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					
4-Oct-21	Sunny	303.0	760.0	3.3833	3.5252	0.1419	15176.5	15200.5	24.0	1.22	1.22	1.22	1754.4	80.9	183.0	260.0
9-Oct-21	Fine	299.7	755.8	3.3054	3.3704	0.0650	15200.5	15224.5	24.0	1.22	1.22	1.22	1758.6	36.9		
13-Oct-21	Rainy	299.8	755.4	3.3728	3.4204	0.0476	15224.5	15248.5	24.0	1.22	1.22	1.22	1757.8	27.1		
19-Oct-21	Sunny	299.3	763.6	3.3703	3.4528	0.0825	15248.7	15272.7	24.0	1.23	1.23	1.23	1767.7	46.7		
25-Oct-21	Sunny	297.1	763.2	3.3792	3.4531	0.0739	15296.7	15320.7	24.0	1.23	1.23	1.23	1772.8	41.7		
30-Oct-21	Sunny	297.4	765.1	3.3708	3.5055	0.1347	15320.7	15344.7	24.0	1.23	1.23	1.23	1774.1	75.9		
													Min	27.1		
													Max	80.9		
													Average	51.5		

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

Appendix F - 24-hour TSP Impact Monitoring Results

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					
4-Oct-21	Sunny	303.0	760.0	3.3434	3.4382	0.0948	14775.1	14799.1	24.0	1.22	1.22	1.22	1753.5	54.0	177.0	260.0
9-Oct-21	Fine	299.7	755.8	3.6845	3.7494	0.0649	14799.1	14823.1	24.0	1.22	1.22	1.22	1757.8	36.9		
13-Oct-21	Rainy	299.8	755.4	3.3574	3.4126	0.0551	14823.1	14847.1	24.0	1.22	1.22	1.22	1757.0	31.4		
19-Oct-21	Sunny	299.3	763.6	3.3955	3.4764	0.0809	14847.1	14871.1	24.0	1.23	1.23	1.23	1766.9	45.8		
25-Oct-21	Sunny	297.1	763.2	3.3880	3.4528	0.0648	14871.1	14895.1	24.0	1.23	1.23	1.23	1772.1	36.6		
30-Oct-21	Sunny	297.4	765.1	3.3809	3.5086	0.1277	14895.1	14919.1	24.0	1.23	1.23	1.23	1773.4	72.0		
													Min	31.4		
													Max	72.0		
													Average	46.1		

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					
4-Oct-21	Sunny	303.0	760.0	3.7144	3.8527	0.1383	12435.7	12459.7	24.0	1.22	1.22	1.22	1754.4	78.8	172.0	260.0
9-Oct-21	Fine	299.7	755.8	3.6415	3.7569	0.1154	12459.7	12483.7	24.0	1.22	1.22	1.22	1759.1	65.6		
13-Oct-21	Rainy	299.8	755.4	3.3258	3.5739	0.2481	12483.7	12507.7	24.0	1.22	1.22	1.22	1758.2	141.1		
19-Oct-21	Sunny	299.3	763.6	3.3611	3.4694	0.1083	12507.7	12531.7	24.0	1.23	1.23	1.23	1769.2	61.2		
25-Oct-21	Sunny	297.1	763.2	3.3258	3.5739	0.2481	12531.7	12555.7	24.0	1.23	1.23	1.23	1775.0	139.8		
30-Oct-21	Sunny	297.4	765.1	3.3705	3.4869	0.1164	12555.7	12579.7	24.0	1.23	1.23	1.23	1776.4	65.5		
													Min	61.2		
													Max	141.1		
													Average	92.0		

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. (µg/m ³)	Action Level (µg/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
4-Oct-21	Sunny	303.0	760.0	3.3635	3.5251	0.1616	13188.9	13212.9	24.0	1.22	1.22	1.22	1754.4	92.1	172.0	260.0
9-Oct-21	Fine	299.7	755.8	3.6750	3.7878	0.1129	13212.9	13236.9	24.0	1.22	1.22	1.22	1759.9	64.1		
13-Oct-21	Rainy	299.8	755.4	3.3243	3.4310	0.1067	13237.0	13261.0	24.0	1.22	1.22	1.22	1758.8	60.6		
19-Oct-21	Sunny	299.3	763.6	3.4230	3.5361	0.1131	13261.0	13285.0	24.0	1.23	1.23	1.23	1771.6	63.8		
25-Oct-21	Sunny	297.1	763.2	3.3943	3.5489	0.1545	13285.0	13309.0	24.0	1.24	1.23	1.23	1778.3	86.9		
30-Oct-21	Sunny	297.4	765.1	3.3920	3.5585	0.1665	13309.0	13333.0	24.0	1.24	1.24	1.24	1780.0	93.5		
													Min	60.6		
													Max	93.5		
													Average	76.9		

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