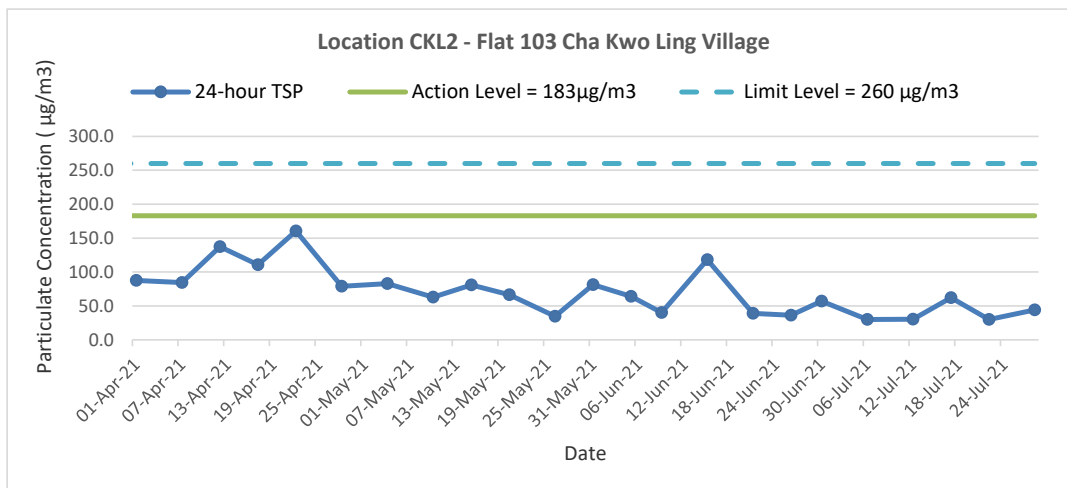
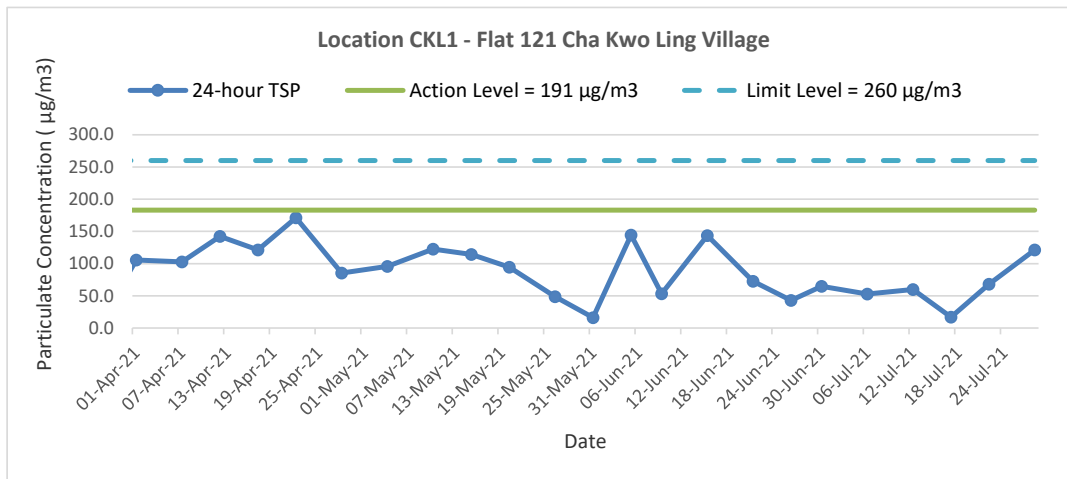
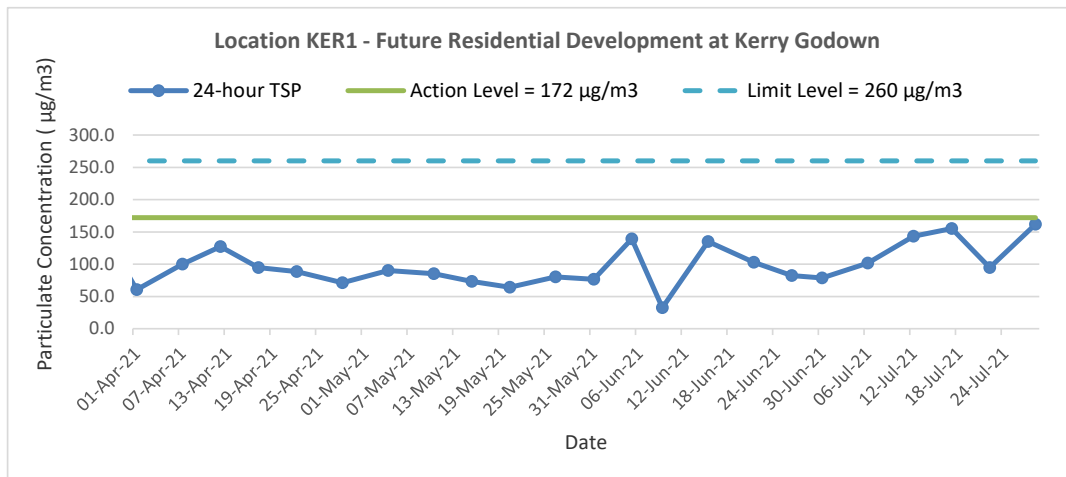
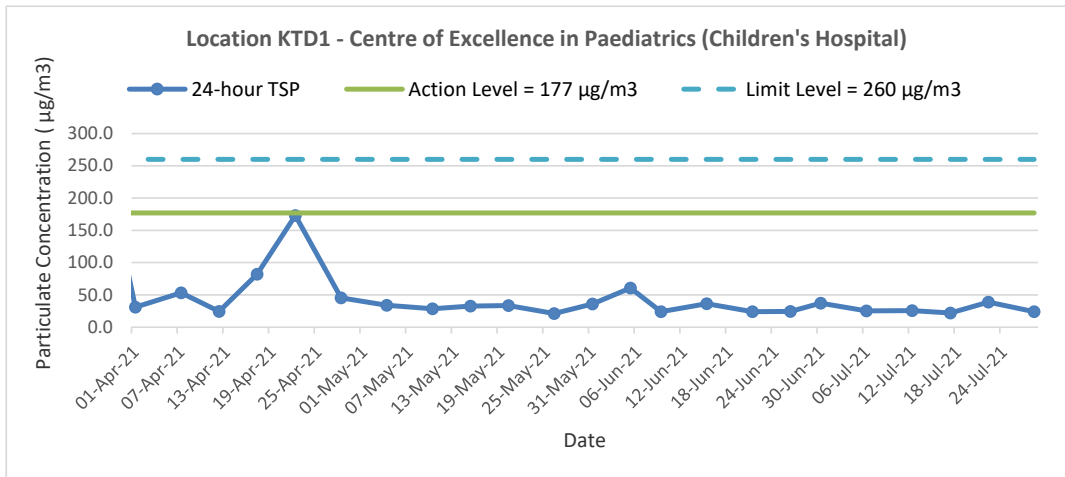


24-hr TSP Concentration Levels



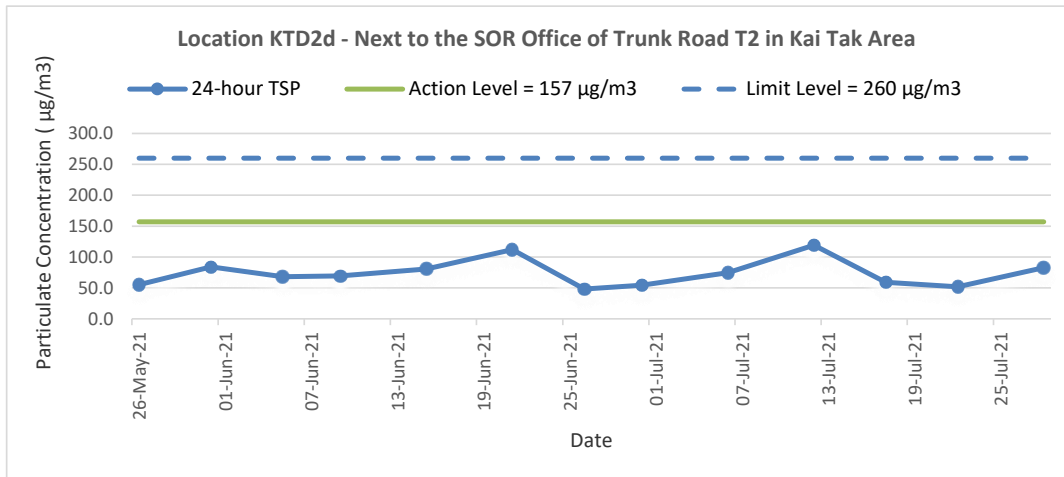
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Jul-21	Project No. MA20003	
		Appendix F	

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 Jul-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	Jul-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/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
6-Jul-21	Sunny	302.4	756.8	3.6619	3.7534	0.0915	2608.0	2632.0	24.0	1.21	1.21	1.21	1737.9	52.6	191.0	260.0
12-Jul-21	Sunny	304.0	758.0	3.6679	3.7727	0.1048	2632.0	2656.0	24.0	1.22	1.22	1.22	1751.7	59.8		
17-Jul-21	Fine	300.9	754.4	3.7121	3.7418	0.0298	2656.0	2680.0	24.0	1.22	1.22	1.22	1755.6	17.0		
22-Jul-21	Sunny	302.8	750.7	3.6483	3.7674	0.1191	2686.3	2710.3	24.0	1.22	1.21	1.21	1747.7	68.1		
28-Jul-21	Sunny	303.2	750.1	3.6640	3.8760	0.2120	2710.3	2734.3	24.0	1.21	1.21	1.21	1746.3	121.4		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	17.0		
													Max	121.4		
													Average	63.8		

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					
6-Jul-21	Sunny	302.4	756.8	3.6636	3.7155	0.0519	14795.4	14819.4	24.0	1.20	1.21	1.20	1735.0	29.9	183.0	260.0
12-Jul-21	Sunny	304.0	758.0	3.6526	3.7059	0.0533	14819.4	14843.4	24.0	1.22	1.22	1.22	1753.0	30.4		
17-Jul-21	Fine	300.9	754.4	3.6578	3.7671	0.1092	14843.4	14867.4	24.0	1.22	1.22	1.22	1757.7	62.1		
22-Jul-21	Sunny	302.8	750.7	3.6784	3.7311	0.0527	14867.4	14891.4	24.0	1.22	1.21	1.21	1747.6	30.2		
28-Jul-21	Sunny	303.2	750.1	3.6579	3.7348	0.0770	14891.4	14915.4	24.0	1.21	1.21	1.21	1746.6	44.1		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	29.9		
													Max	62.1		
													Average	39.3		

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					
6-Jul-21	Sunny	302.4	756.8	3.7277	3.7718	0.0441	14343.0	14367.0	24.0	1.21	1.21	1.21	1748.1	25.2	177.0	260.0
12-Jul-21	Sunny	304.0	758.0	3.6748	3.7194	0.0447	14367.0	14391.0	24.0	1.21	1.21	1.21	1745.3	25.6		
17-Jul-21	Sunny	300.9	754.4	3.6882	3.7266	0.0383	14391.1	14415.1	24.0	1.21	1.22	1.22	1749.7	21.9		
22-Jul-21	Sunny	302.8	750.7	3.6978	3.7653	0.0675	14415.1	14439.1	24.0	1.21	1.21	1.21	1740.9	38.8		
28-Jul-21	Sunny	303.2	750.1	3.6856	3.7274	0.0418	14439.1	14463.1	24.0	1.21	1.21	1.21	1739.4	24.1		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	21.9		
													Max	38.8		
													Average	27.1		

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					
6-Jul-21	Sunny	302.4	756.8	3.6666	3.8442	0.1776	12023.7	12047.7	24.0	1.21	1.21	1.21	1744.6	101.8	172.0	260.0
12-Jul-21	Sunny	304.0	758.0	3.6581	3.9073	0.2491	12047.6	12071.6	24.0	1.21	1.21	1.21	1741.2	143.1		
17-Jul-21	Fine	300.9	754.4	3.6575	3.9288	0.2712	12071.6	12095.6	24.0	1.21	1.21	1.21	1746.4	155.3		
22-Jul-21	Sunny	302.8	750.7	3.6991	3.8633	0.1641	12095.6	12119.6	24.0	1.21	1.20	1.21	1736.1	94.5		
28-Jul-21	Sunny	303.2	750.1	3.7045	3.9850	0.2806	12119.6	12143.6	24.0	1.20	1.21	1.20	1734.2	161.8		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	94.5		
													Max	161.8		
													Average	131.3		

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					
6-Jul-21	Sunny	302.4	756.8	3.6665	3.7970	0.1305	12780.8	12804.8	24.0	1.21	1.21	1.21	1743.8	74.8	172.0	260.0
12-Jul-21	Sunny	304.0	758.0	3.6302	3.8376	0.2074	12804.9	12828.9	24.0	1.21	1.21	1.21	1739.8	119.2		
17-Jul-21	Cloudy	300.9	754.4	3.6741	3.7772	0.1031	12828.9	12852.9	24.0	1.21	1.21	1.21	1745.9	59.1		
22-Jul-21	Sunny	302.8	750.7	3.6910	3.7808	0.0898	12852.9	12876.9	24.0	1.21	1.20	1.20	1733.6	51.8		
28-Jul-21	Sunny	303.2	750.1	3.6773	3.8215	0.1442	12876.9	12900.9	24.0	1.21	1.21	1.21	1745.5	82.6		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	51.8		
													Max	119.2		
													Average	77.5		