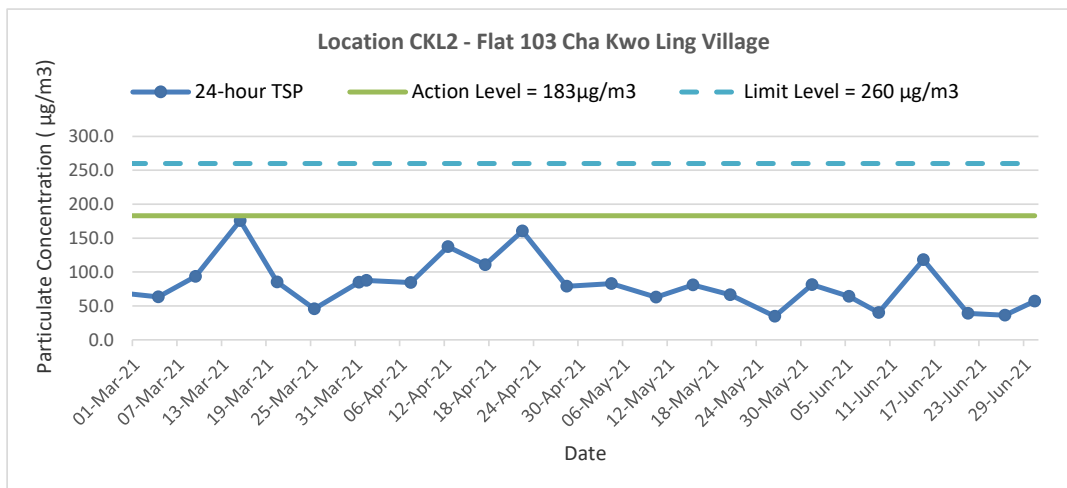
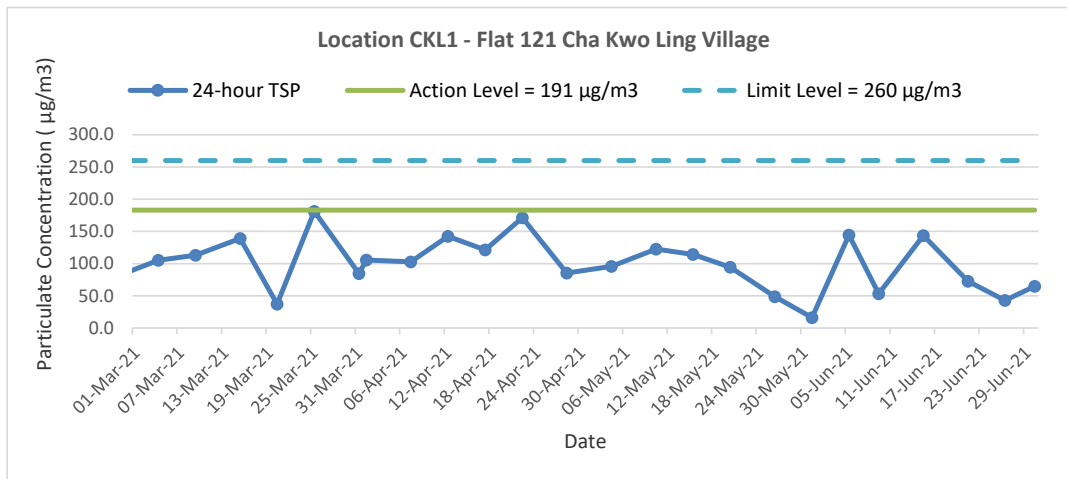
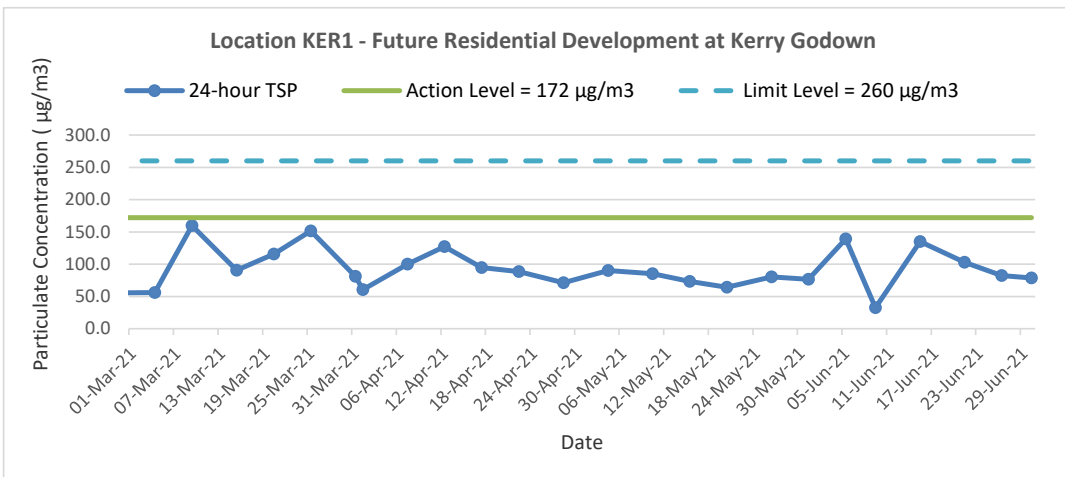
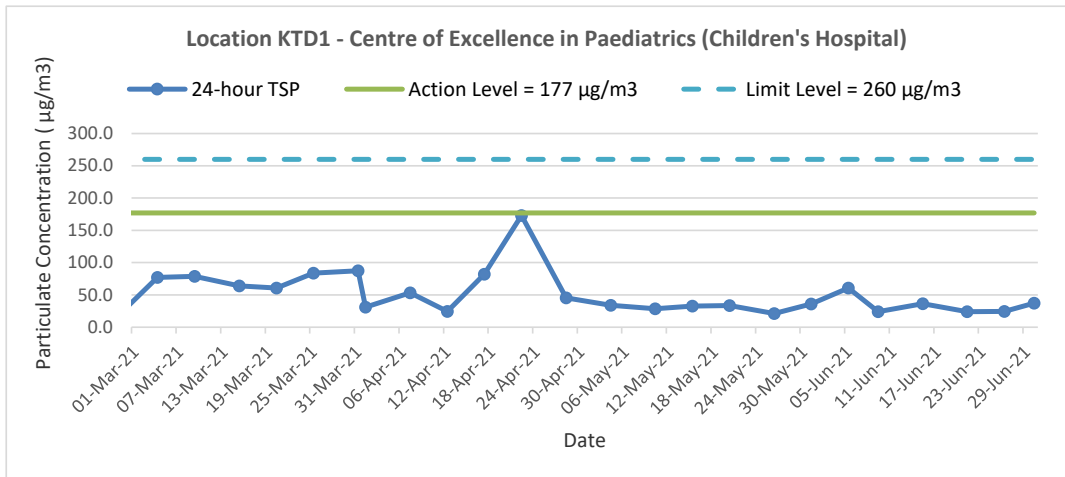


24-hr TSP Concentration Levels



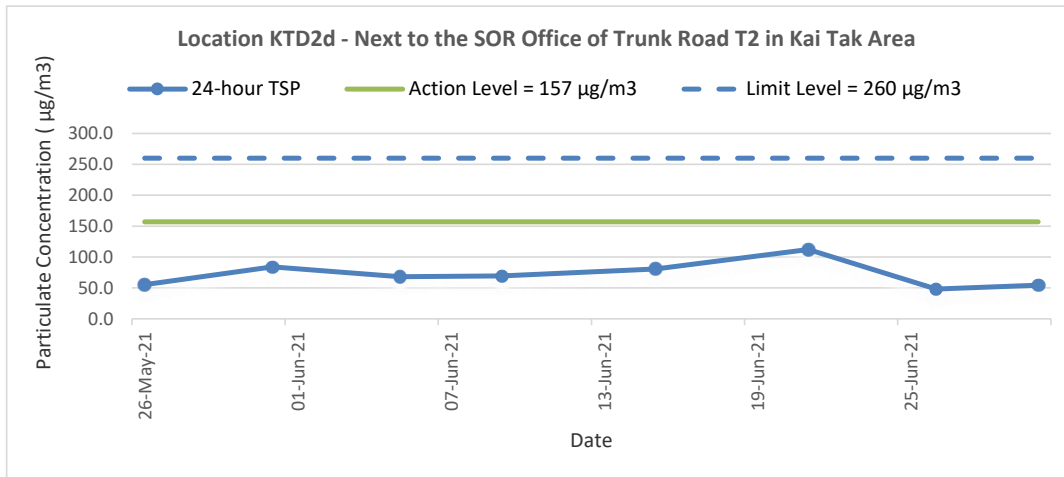
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Jun-21	Project No. MA20003	
		Appendix F	

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 Jun-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	Jun-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					
5-Jun-21	Fine	300.8	754.3	3.7132	3.9646	0.2513	2464.0	2488.0	24.0	1.21	1.21	1.21	1739.5	144.5	191.0	260.0
9-Jun-21	Sunny	301.4	755.8	3.7426	3.8349	0.0923	2488.0	2512.0	24.0	1.21	1.21	1.21	1739.4	53.1		
15-Jun-21	Cloudy	303.1	755.0	3.6740	3.9231	0.2491	2512.0	2536.0	24.0	1.20	1.20	1.20	1734.5	143.6		
21-Jun-21	Fine	301.7	754.1	3.7187	3.8446	0.1259	2536.0	2560.0	24.0	1.20	1.21	1.21	1736.9	72.5		
26-Jun-21	Cloudy	301.7	756.1	3.7024	3.7772	0.0748	2560.0	2584.0	24.0	1.21	1.21	1.21	1739.0	43.0		
30-Jun-21	Fine	303.2	755.6	3.6942	3.8067	0.1125	2584.0	2608.0	24.0	1.20	1.20	1.20	1734.8	64.8		

Note:

Bold Italic means Action Level exceedance

Bold Italic with underline means Limit Level exceedance

Min	43.0
Max	144.5
Average	86.9

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					
5-Jun-21	Fine	300.8	754.3	3.6961	3.8076	0.1115	14675.4	14699.4	24.0	1.21	1.21	1.21	1736.9	64.2	183.0	260.0
9-Jun-21	Sunny	301.4	755.8	3.7133	3.7828	0.0695	14699.4	14723.4	24.0	1.21	1.20	1.21	1736.8	40.0		
15-Jun-21	Cloudy	303.1	755.0	3.6835	3.8878	0.2044	14723.4	14747.4	24.0	1.20	1.20	1.20	1731.0	118.1		
21-Jun-21	Fine	301.7	754.1	3.6961	3.7637	0.0676	14747.4	14771.4	24.0	1.20	1.21	1.20	1733.9	39.0		
26-Jun-21	Cloudy	301.7	756.1	3.6738	3.7366	0.0628	14771.4	14795.4	24.0	1.21	1.20	1.21	1736.3	36.2		
30-Jun-21	Fine	303.2	755.6	3.7010	3.8000	0.0990	14795.4	14819.4	24.0	1.20	1.20	1.20	1731.4	57.2		

Note:

Bold Italic means Action Level exceedance

Bold Italic with underline means Limit Level exceedance

Min	36.2
Max	118.1
Average	59.1

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
5-Jun-21	Fine	300.8	754.3	3.7070	3.8128	0.1058	14199.0	14223.0	24.0	1.22	1.21	1.22	1749.8	60.5	177.0	260.0
9-Jun-21	Sunny	301.4	755.8	3.6916	3.7334	0.0418	14223.0	14247.0	24.0	1.22	1.21	1.22	1749.8	23.9		
15-Jun-21	Cloudy	303.1	755.0	3.7071	3.7708	0.0637	14247.0	14271.0	24.0	1.21	1.21	1.21	1744.5	36.5		
21-Jun-21	Fine	301.7	754.1	3.6934	3.7355	0.0421	14271.0	14295.0	24.0	1.21	1.22	1.21	1747.1	24.1		
26-Jun-21	Cloudy	301.7	756.1	3.7135	3.7562	0.0427	14295.0	14319.0	24.0	1.22	1.21	1.21	1749.3	24.4		
30-Jun-21	Fine	303.2	755.6	3.6873	3.7522	0.0649	14319.0	14343.0	24.0	1.21	1.21	1.21	1744.9	37.2		
												Min	23.9			
												Max	60.5			
												Average	34.4			

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
5-Jun-21	Fine	300.8	754.3	3.6298	3.8726	0.2428	11796.9	11820.9	24.0	1.21	1.21	1.21	1746.6	139.0	172.0	260.0
9-Jun-21	Sunny	301.4	755.8	3.6750	3.7318	0.0568	11820.9	11844.9	24.0	1.21	1.21	1.21	1746.5	32.5		
15-Jun-21	Cloudy	303.1	755.0	3.7117	3.9467	0.2350	11844.9	11868.9	24.0	1.21	1.21	1.21	1740.3	135.0		
21-Jun-21	Fine	301.7	754.1	3.7213	3.9007	0.1795	11951.7	11975.7	24.0	1.21	1.21	1.21	1743.4	103.0		
26-Jun-21	Cloudy	301.7	756.1	3.6590	3.8024	0.1434	11975.7	11999.7	24.0	1.21	1.21	1.21	1746.0	82.1		
30-Jun-21	Fine	303.2	755.6	3.6804	3.8171	0.1367	11999.7	12023.7	24.0	1.21	1.21	1.21	1740.8	78.5		
												Min	32.5			
												Max	139.0			
												Average	95.0			

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
5-Jun-21	Fine	300.8	754.3	3.6677	3.7870	0.1193	12636.8	12660.8	24.0	1.21	1.21	1.21	1746.2	68.3	172.0	260.0
9-Jun-21	Sunny	301.4	755.8	3.7081	3.8293	0.1211	12660.8	12684.8	24.0	1.21	1.21	1.21	1746.1	69.4		
15-Jun-21	Cloudy	303.1	755.0	3.7025	3.8430	0.1405	12684.8	12708.8	24.0	1.21	1.21	1.21	1739.4	80.8		
21-Jun-21	Fine	301.7	754.1	3.7168	3.9123	0.1955	12708.8	12732.8	24.0	1.21	1.21	1.21	1742.4	112.2		
26-Jun-21	Cloudy	301.7	756.1	3.6569	3.7410	0.0842	12732.8	12756.8	24.0	1.21	1.21	1.21	1745.5	48.2		
30-Jun-21	Fine	303.2	755.6	3.6611	3.7557	0.0945	12756.8	12780.8	24.0	1.21	1.21	1.21	1739.3	54.4		
												Min	48.2			
												Max	112.2			
												Average	72.2			

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