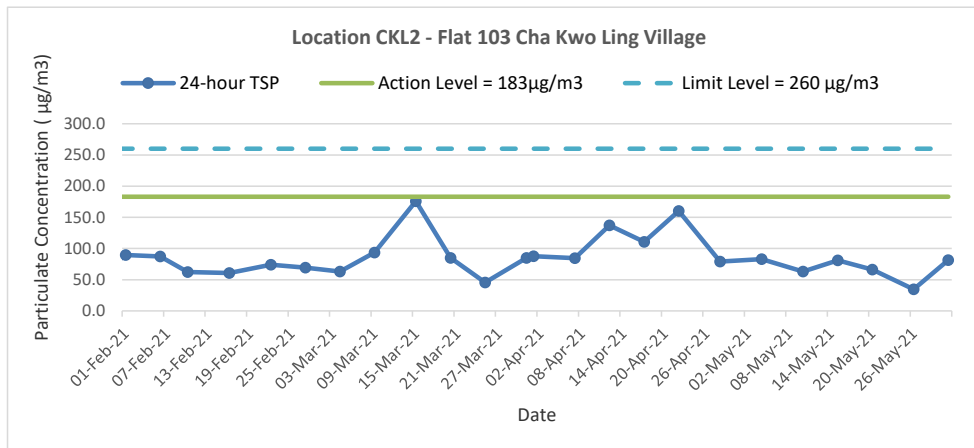
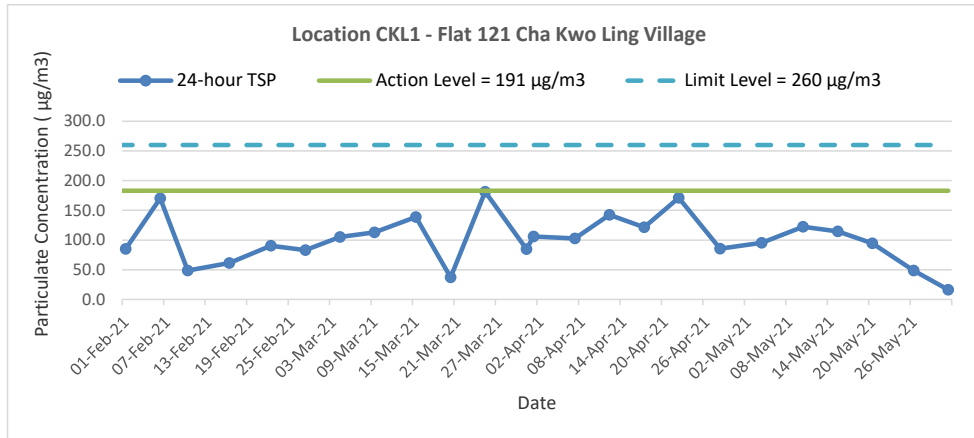
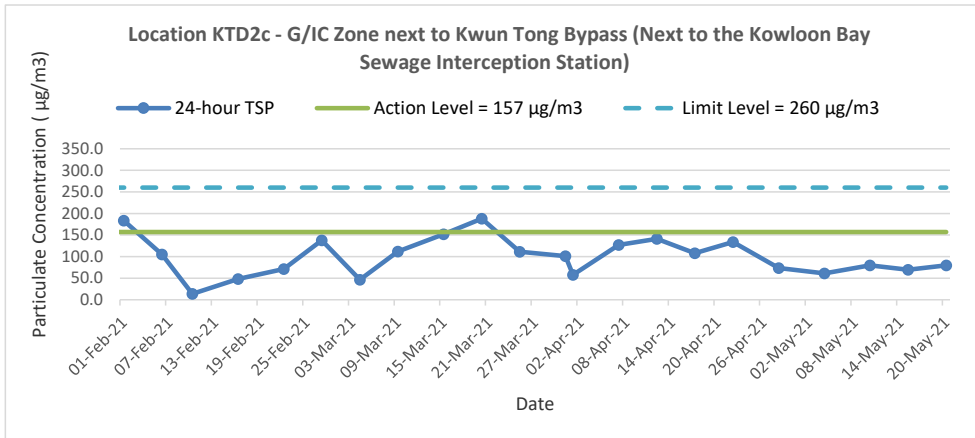
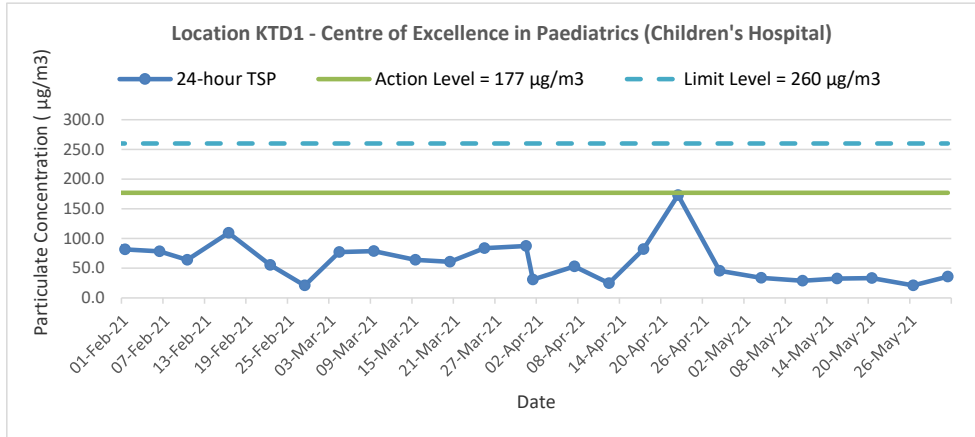


24-hr TSP Concentration Levels



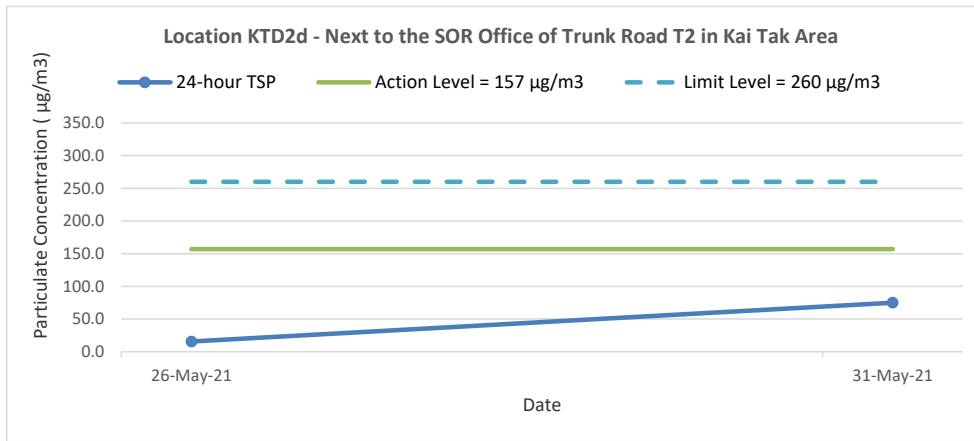
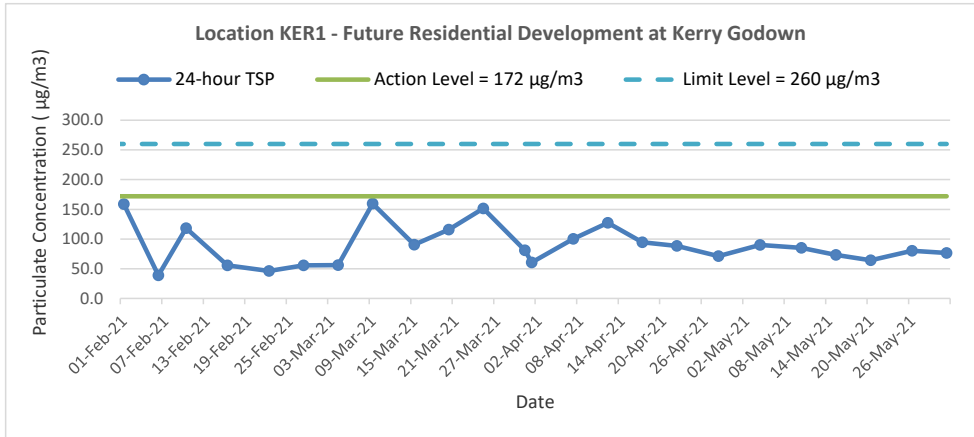
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	May-21	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



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

24-hr TSP Concentration Levels



Note:

(1): Monitoring station KTD2c has been suspended and relocated to KTD2d on 24 May 2021.

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

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					
4-May-21	Fine	299.6	760.0	3.6437	3.8094	0.1657	2319.8	2343.8	24.0	1.20	1.21	1.20	1734.9	95.5	191.0	260.0
10-May-21	Sunny	301.8	757.4	3.7115	3.9244	0.2129	2344.0	2368.0	24.0	1.21	1.21	1.21	1739.9	122.4		
15-May-21	Sunny	303.1	757.8	3.7079	3.9067	0.1988	2368.0	2392.0	24.0	1.21	1.21	1.21	1737.3	114.4		
20-May-21	Sunny	303.6	757.0	3.7200	3.8843	0.1642	2392.0	2416.0	24.0	1.21	1.20	1.20	1735.9	94.6		
26-May-21	Sunny	303.2	758.1	3.7022	3.7869	0.0847	2416.0	2440.0	24.0	1.21	1.21	1.21	1737.2	48.8		
31-May-21	Sunny	301.1	755.1	3.6903	3.7185	0.0282	2440.0	2464.0	24.0	1.20	1.21	1.21	1739.5	16.2		
Note: <i>Bold italic</i> means Action Level exceedance <i>Bold italic with underline</i> means Limit Level exceedance													Min	16.2		
													Max	122.4		
													Average	82.0		

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					
4-May-21	Fine	299.6	760.0	3.6501	3.7935	0.1434	14507.4	14531.4	24.0	1.20	1.20	1.20	1729.3	82.9	183.0	260.0
10-May-21	Sunny	301.8	757.4	3.6676	3.7770	0.1095	14531.4	14555.4	24.0	1.21	1.21	1.21	1737.4	63.0		
15-May-21	Sunny	303.1	757.8	3.6723	3.8129	0.1406	14555.4	14579.4	24.0	1.20	1.20	1.20	1734.3	81.1		
20-May-21	Sunny	303.6	757.0	3.6463	3.7610	0.1147	14579.4	14603.4	24.0	1.20	1.20	1.20	1731.8	66.3		
26-May-21	Sunny	303.2	758.1	3.6848	3.7450	0.0602	14603.4	14627.4	24.0	1.20	1.20	1.20	1734.2	34.7		
31-May-21	Sunny	301.1	755.1	3.7075	3.8486	0.1412	14651.4	14675.4	24.0	1.20	1.21	1.21	1736.9	81.3		
Note: <i>Bold italic</i> means Action Level exceedance <i>Bold italic with underline</i> means Limit Level exceedance													Min	34.7		
													Max	82.9		
													Average	68.2		

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					
4-May-21	Sunny	299.6	760.0	3.7125	3.7714	0.0588	14055.0	14079.0	24.0	1.21	1.21	1.21	1739.8	33.8	177.0	260.0
10-May-21	Fine	301.8	757.4	3.6916	3.7413	0.0498	14079.0	14103.0	24.0	1.20	1.20	1.20	1731.5	28.7		
15-May-21	Sunny	303.1	757.8	3.7005	3.7571	0.0565	14103.0	14127.0	24.0	1.20	1.20	1.20	1728.6	32.7		
20-May-21	Sunny	303.6	757.0	3.6838	3.7414	0.0575	14127.0	14151.0	24.0	1.20	1.20	1.20	1726.4	33.3		
26-May-21	Sunny	303.2	758.1	3.7050	3.7416	0.0366	14151.0	14175.0	24.0	1.20	1.20	1.20	1728.6	21.2		
31-May-21	Sunny	301.1	755.1	3.6672	3.7295	0.0623	14175.0	14199.0	24.0	1.20	1.21	1.20	1731.0	36.0		
													Min	21.2		
													Max	36.0		
													Average	31.0		

Note:

Bold Italic means Action Level exceedance

Bold Italic with underline means Limit Level exceedance

Location KTD2c - G/IC Zone next to Kwun Tong Bypass (Next to the Kowloon Bay Sewage Interception Station)

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-May-21	Sunny	299.6	760.0	2.6689	2.7746	0.1058	12492.7	12516.7	24.0	1.20	1.20	1.20	1732.5	61.0	157.0	260.0
10-May-21	Fine	301.8	757.4	3.7019	3.8393	0.1373	12516.7	12540.7	24.0	1.20	1.19	1.20	1721.1	79.8		
15-May-21	Sunny	303.1	757.8	3.7085	3.8284	0.1199	12540.7	12564.7	24.0	1.19	1.19	1.19	1717.2	69.8		
20-May-21	Sunny	303.6	757.0	3.7172	3.8535	0.1363	12564.7	12588.7	24.0	1.19	1.19	1.19	1714.1	79.5		
31-May-21	Fine	303.6	757.0	3.7172	3.8535	0.1363	12564.7	12588.7	24.0	1.19	1.19	1.19	1714.1	79.5		
													Min	61.0		
													Max	79.8		
													Average	72.5		

Note:

Bold Italic means Action Level exceedance

Bold Italic with underline means Limit Level exceedance

Monitoring station KTD2c has been suspended and relocated to KTD2d on 24 May 2021.

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					
4-May-21	Sunny	299.6	760.0	3.6900	3.8461	0.1561	11652.8	11676.8	24.0	1.20	1.20	1.20	1734.4	90.0	172.0	260.0
10-May-21	Sunny	301.8	757.4	3.6983	3.8453	0.1470	11676.9	11700.9	24.0	1.20	1.20	1.20	1724.6	85.2		
15-May-21	Sunny	303.1	757.8	3.7054	3.8315	0.1261	11700.9	11724.9	24.0	1.20	1.19	1.20	1721.2	73.3		
20-May-21	Sunny	303.6	757.0	3.7069	3.8173	0.1104	11724.9	11748.9	24.0	1.19	1.19	1.19	1718.5	64.3		
26-May-21	Sunny	303.2	758.1	3.6250	3.7628	0.1379	11748.9	11772.9	24.0	1.20	1.20	1.20	1721.1	80.1		
31-May-21	Sunny	301.1	755.1	3.6422	3.7740	0.1318	11772.9	11796.9	24.0	1.19	1.20	1.20	1724.0	76.5		
													Min	64.3		
													Max	90.0		
													Average	78.2		

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					
26-May-21	Sunny	303.2	758.1	3.6502	3.7467	0.0966	12588.7	12612.7	24.0	1.21	1.21	1.21	1742.8	55.4	172.0	260.0
31-May-21	Sunny	301.1	755.1	3.6262	3.7735	0.1472	12612.8	12636.8	24.0	1.21	1.22	1.21	1746.2	84.3		
													Min	55.4		
													Max	84.3		
													Average	69.9		

Note:

Bold Italic means Action Level exceedance

Bold Italic with underline means Limit Level exceedance

Monitoring station KTD2c has been suspended and relocated to KTD2d on 24 May 2021.