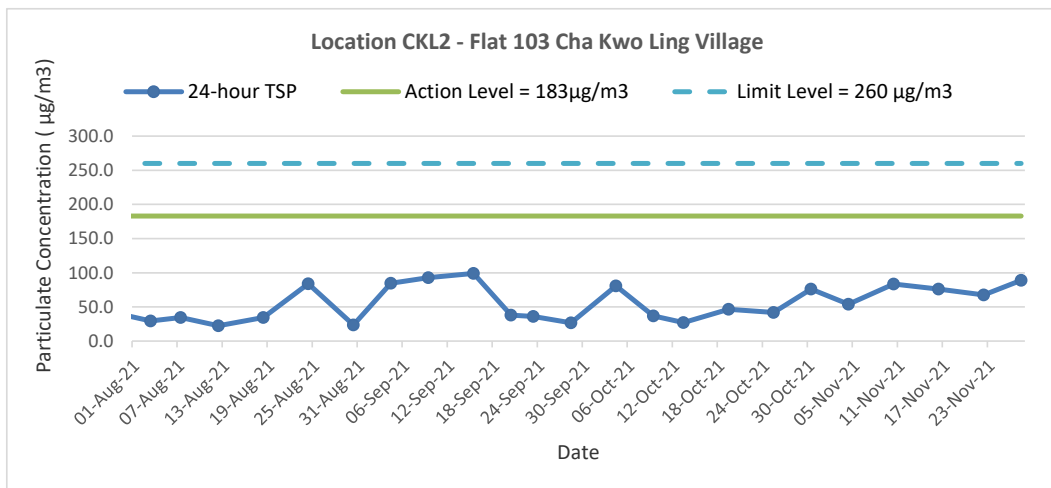
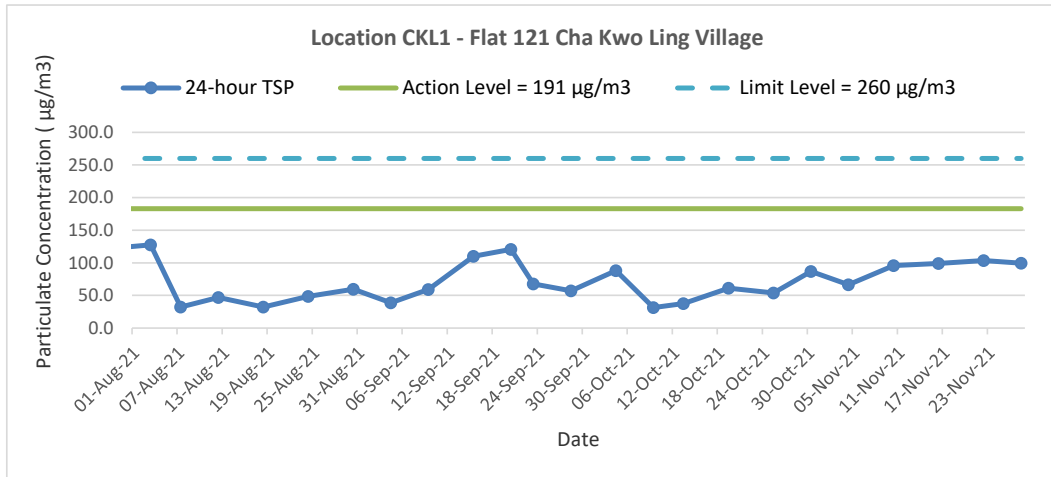
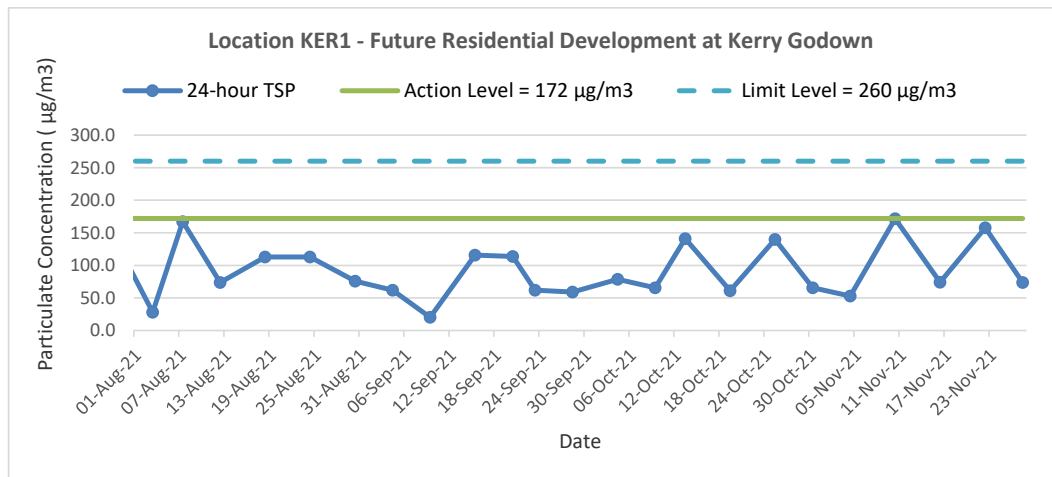
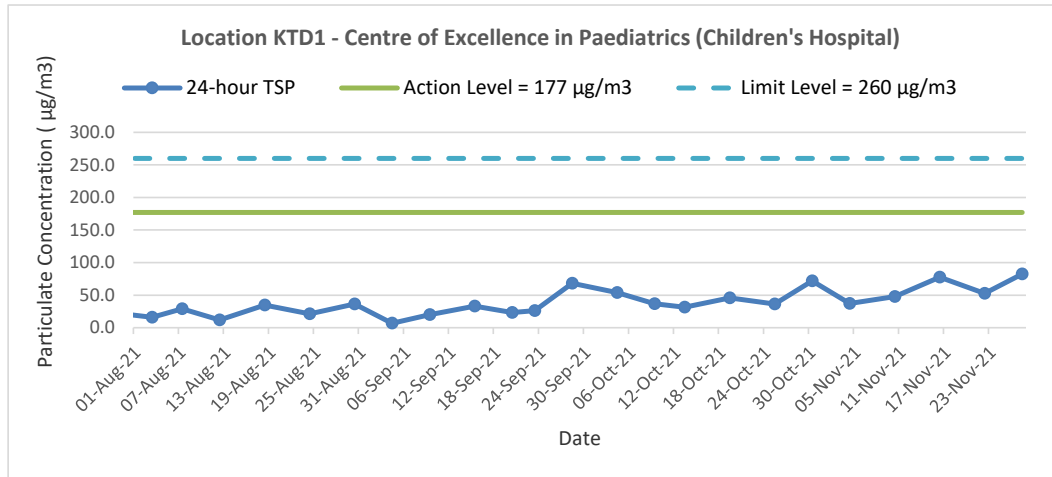


24-hr TSP Concentration Levels



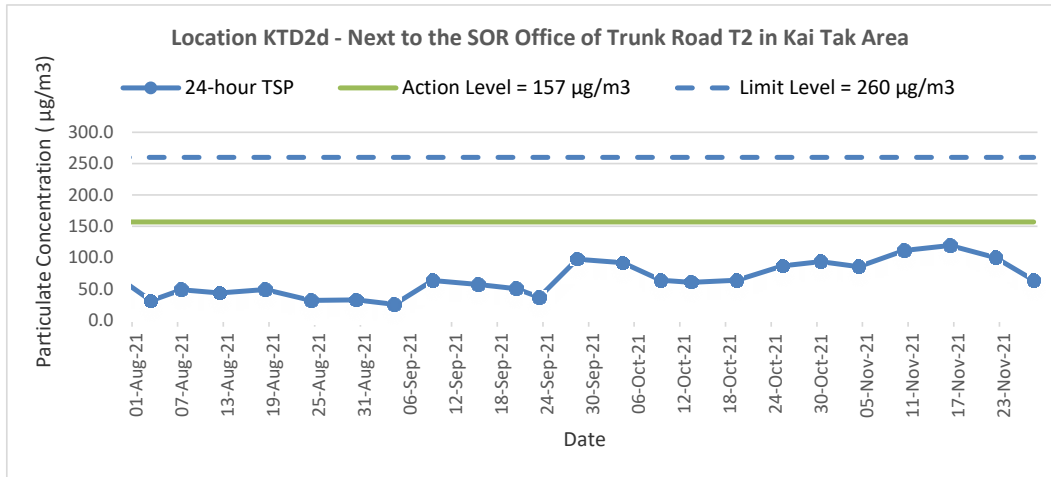
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Nov-21	Project No. MA20003	
		Appendix F	

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 Nov-21	Project No. MA20003	<div style="text-align: center; font-size: 2em; font-weight: bold; letter-spacing: 0.5em;">CINOTECH</div>
		Appendix F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Nov-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-Nov-21	Sunny	298.6	761.3	3.2987	3.4158	0.1172	3306.8	3330.8	24.0	1.23	1.22	1.23	1764.6	66.4	191.0	260.0
10-Nov-21	Sunny	294.0	764.7	3.6757	3.8453	0.1696	3330.8	3354.8	24.0	1.23	1.23	1.23	1772.6	95.7		
16-Nov-21	Sunny	296.4	763.8	3.3251	3.5000	0.1749	3354.8	3378.8	24.0	1.23	1.23	1.23	1766.1	99.0		
22-Nov-21	Cloudy	290.9	765.3	3.3065	3.4907	0.1842	3378.8	3402.8	24.0	1.23	1.24	1.24	1780.8	103.4		
27-Nov-21	Sunny	294.4	765.9	3.2936	3.4696	0.1760	3402.8	3426.8	24.0	1.23	1.23	1.23	1772.7	99.3		
													Min	66.4		
													Max	103.4		
													Average	92.8		

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-Nov-21	Sunny	298.6	761.3	3.3393	3.4346	0.0953	15344.5	15368.5	24.0	1.23	1.23	1.23	1767.1	53.9	183.0	260.0
10-Nov-21	Sunny	294.0	764.7	3.6704	3.8184	0.1480	15368.5	15392.5	24.0	1.23	1.23	1.23	1774.8	83.4		
16-Nov-21	Sunny	296.4	763.8	3.3490	3.4832	0.1342	15392.5	15416.5	24.0	1.23	1.23	1.23	1767.6	75.9		
22-Nov-21	Cloudy	290.9	765.3	3.3246	3.4449	0.1203	15416.5	15440.5	24.0	1.23	1.24	1.24	1784.1	67.4		
27-Nov-21	Sunny	294.4	765.9	3.3019	3.4599	0.1580	15440.5	15464.5	24.0	1.23	1.23	1.23	1775.0	89.0		
													Min	53.9		
													Max	89.0		
													Average	73.9		

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
4-Nov-21	Sunny	298.6	761.3	3.3937	3.4591	0.0654	14919.1	14943.1	24.0	1.23	1.23	1.23	1766.3	37.0	177.0	260.0
10-Nov-21	Sunny	294.0	764.7	3.3763	3.4615	0.0851	14945.4	14969.4	24.0	1.24	1.24	1.24	1782.7	47.8		
16-Nov-21	Sunny	296.4	763.8	3.4110	3.5483	0.1374	14969.4	14993.4	24.0	1.23	1.23	1.23	1774.7	77.4		
22-Nov-21	Cloudy	290.9	765.3	3.3460	3.4407	0.0947	14993.4	15017.4	24.0	1.24	1.25	1.24	1791.2	52.9		
27-Nov-21	Sunny	294.4	765.9	3.7194	3.8660	0.1466	15007.4	15031.4	24.0	1.24	1.24	1.24	1782.1	82.3		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	37.0		
													Max	82.3		
													Average	59.5		

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-Nov-21	Sunny	298.6	761.3	3.3495	3.4431	0.0936	12576.2	12600.2	24.0	1.23	1.23	1.23	1768.6	52.9	172.0	260.0
10-Nov-21	Sunny	294.0	764.7	3.3719	3.6784	0.3066	12600.8	12624.8	24.0	1.24	1.24	1.24	1785.9	171.6		
16-Nov-21	Sunny	296.4	763.8	3.3372	3.4686	0.1314	12625.1	12649.1	24.0	1.23	1.23	1.23	1777.9	73.9		
22-Nov-21	Cloudy	290.9	765.3	3.3201	3.6037	0.2836	12649.2	12673.2	24.0	1.24	1.25	1.25	1796.2	157.9		
27-Nov-21	Sunny	294.4	765.9	3.4070	3.5387	0.1317	12673.2	12697.2	24.0	1.24	1.24	1.24	1786.1	73.7		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	52.9		
													Max	171.6		
													Average	106.0		

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					
4-Nov-21	Sunny	298.6	761.3	3.3613	3.5133	0.1520	13333.0	13357.0	24.0	1.23	1.23	1.23	1770.9	85.8	172.0	260.0
10-Nov-21	Sunny	294.0	764.7	3.3720	3.5718	0.1999	13357.0	13381.0	24.0	1.25	1.24	1.24	1791.0	111.6		
16-Nov-21	Sunny	296.4	763.8	3.3844	3.5971	0.2128	13381.0	13405.0	24.0	1.24	1.24	1.24	1781.7	119.4		
22-Nov-21	Cloudy	290.9	765.3	3.3255	3.5056	0.1801	13405.0	13429.0	24.0	1.25	1.26	1.25	1802.9	99.9		
27-Nov-21	Sunny	294.4	765.9	3.7279	3.8403	0.1124	13429.0	13453.0	24.0	1.22	1.22	1.22	1753.3	64.1		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance													Min	64.1		
													Max	119.4		
													Average	96.2		