

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					
1-Nov-23	Fine	298.8	763.5	3.7076	3.8516	0.1440	6813.9	6837.9	24.0	1.23	1.23	1.23	1771.0	81.3	191.0	260.0
7-Nov-23	Cloudy	298.6	763.1	3.7076	3.8516	0.1440	6837.9	6861.9	24.0	1.22	1.22	1.22	1756.5	82.0		
13-Nov-23	Sunny	294.4	768.0	3.7587	3.8861	0.1273	6861.9	6885.9	24.0	1.23	1.23	1.23	1771.5	71.9		
18-Nov-23	Sunny	293.0	767.4	3.6941	3.8279	0.1338	6885.9	6909.9	24.0	1.23	1.23	1.23	1773.6	75.4		
23-Nov-23	Sunny	296.0	764.5	3.6832	3.8956	0.2124	6909.9	6933.9	24.0	1.22	1.23	1.22	1763.9	120.4		
30-Nov-23	Fine	296.3	765.5	3.3805	3.6221	0.2416	6933.9	6957.9	24.0	1.23	1.22	1.23	1764.1	137.0		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min	71.9	
														Max	137.0	
														Average	94.6	

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					
1-Nov-23	Sunny	298.8	763.5	3.3631	3.4664	0.1033	19270.1	19294.1	24.0	1.23	1.23	1.23	1773.7	58.2	183.0	260.0
7-Nov-23	Fine	298.6	763.1	3.3509	3.5190	0.1681	19294.1	19318.1	24.0	1.22	1.22	1.22	1755.8	95.7		
13-Nov-23	Fine	294.4	768.0	3.4028	3.5446	0.1418	19318.1	19342.1	24.0	1.23	1.23	1.23	1769.0	80.2		
18-Nov-23	Sunny	293.0	767.4	3.3227	3.4939	0.1712	19342.1	19366.1	24.0	1.23	1.23	1.23	1771.7	96.6		
23-Nov-23	Sunny	296.0	764.5	3.3523	3.5516	0.1993	19366.1	19390.1	24.0	1.22	1.22	1.22	1762.6	113.1		
30-Nov-23	Sunny	295.7	765.5	3.3165	3.6159	0.2994	19390.1	19414.1	24.0	1.22	1.23	1.23	1765.8	169.6		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min	58.2	
														Max	169.6	
														Average	102.2	

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					
1-Nov-23	Fine	298.8	763.5	3.6772	3.7458	0.0687	18158.2	18182.2	24.0	1.22	1.22	1.22	1759.7	39.0	177.0	260.0
7-Nov-23	Cloudy	298.6	763.1	3.6980	3.8110	0.1130	18182.2	18206.2	24.0	1.22	1.22	1.22	1760.0	64.2		
13-Nov-23	Sunny	294.4	768.0	3.6974	3.7698	0.0724	18206.2	18230.2	24.0	1.23	1.23	1.23	1774.5	40.8		
18-Nov-23	Fine	293.0	767.4	3.7059	3.7630	0.0771	18230.2	18254.2	24.0	1.24	1.23	1.23	1778.9	43.4		
23-Nov-23	Fine	296.0	764.5	3.3363	3.4272	0.0909	18254.2	18278.2	24.0	1.23	1.23	1.23	1766.2	51.4		
30-Nov-23	Fine	296.3	765.5	3.4017	3.4833	0.0816	18278.2	18302.2	24.0	1.23	1.23	1.23	1767.2	48.2		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min	39.0	
														Max	64.2	
														Average	47.5	

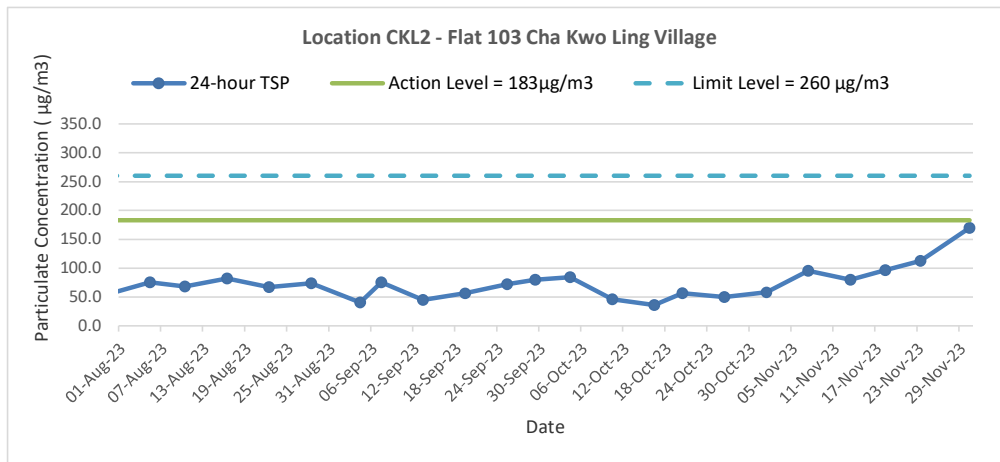
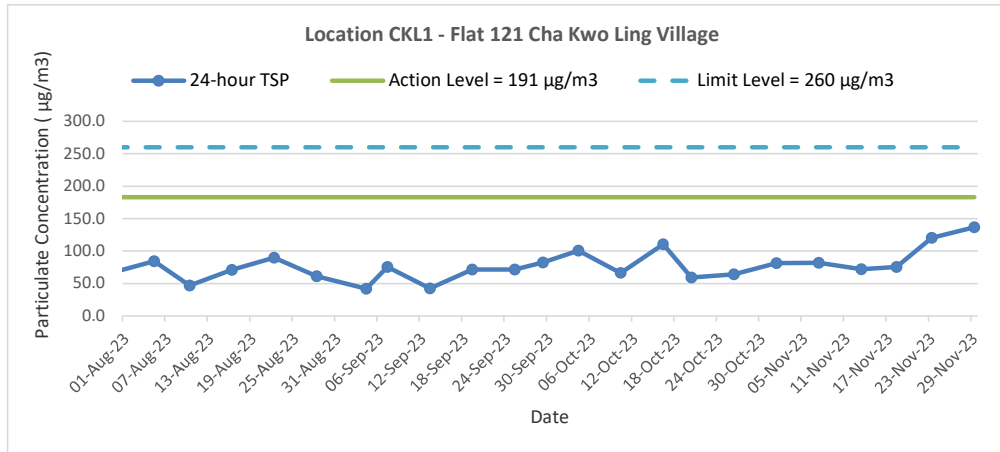
Location KER1 - Future Residential Development at Kerry Godown

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					
1-Nov-23	Fine	298.8	763.5	3.6996	3.8611	0.1615	15959.6	15983.6	24.0	1.22	1.22	1.22	1760.3	91.8	172.0	260.0
7-Nov-23	Cloudy	298.6	763.1	3.7209	3.8805	0.1597	15983.6	16007.6	24.0	1.22	1.22	1.22	1761.3	90.6		
13-Nov-23	Sunny	294.4	768.0	3.7472	3.7610	0.0138	16007.6	16031.6	24.0	1.23	1.23	1.23	1772.2	7.8		
18-Nov-23	Fine	293.0	767.4	3.7066	3.9340	0.2274	16031.6	16055.6	24.0	1.23	1.23	1.23	1775.3	128.1		
23-Nov-23	Sunny	296.0	764.5	3.2960	3.3917	0.0957	16055.6	16079.7	24.0	1.22	1.23	1.23	1765.5	54.2		
30-Nov-23	Fine	296.3	765.5	3.3779	3.6451	0.2673	16079.7	16103.7	24.0	1.23	1.23	1.23	1765.0	151.4		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min	7.8	
														Max	151.4	
														Average	87.3	

Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

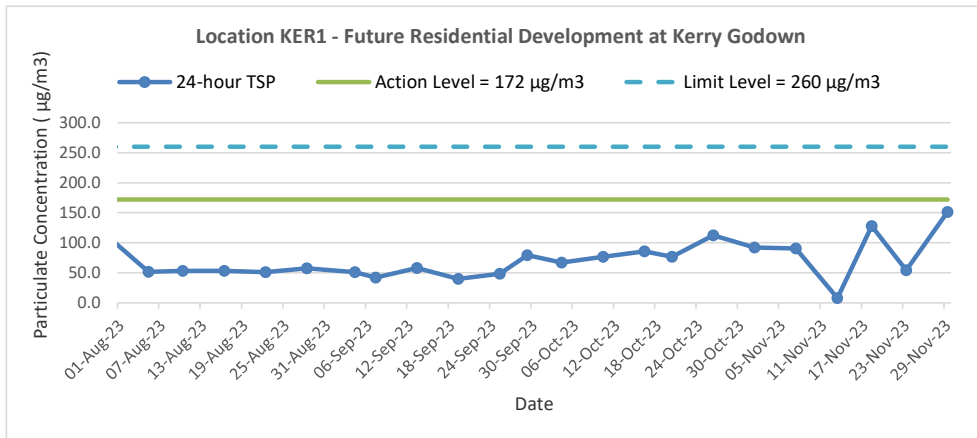
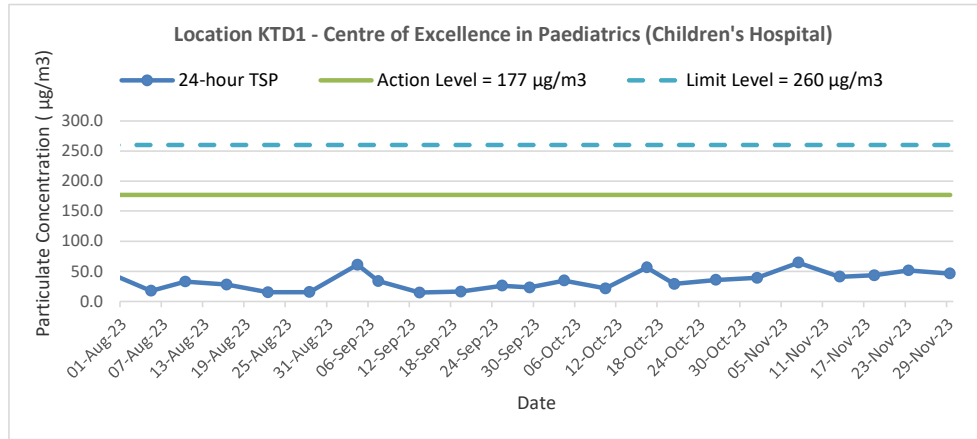
Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
1-Nov-23	Fine	298.8	763.5	3.7110	3.8649	0.1539	16612.9	16636.9	24.0	1.22	1.22	1.22	1759.2	87.5	157.0	260.0
7-Nov-23	Cloudy	298.6	763.1	3.7030	3.9180	0.2150	16636.9	16660.9	24.0	1.22	1.22	1.22	1759.5	122.2		
13-Nov-23	Sunny	294.4	768.0	3.7030	3.8524	0.1494	16660.9	16684.9	24.0	1.23	1.23	1.23	1770.5	84.4		
18-Nov-23	Sunny	293.0	767.4	3.7226	3.8930	0.1705	16684.9	16708.9	24.0	1.23	1.23	1.23	1772.7	96.2		
23-Nov-23	Sunny	296.0	764.5	3.3353	3.4864	0.1512	16708.9	16732.9	24.0	1.22	1.22	1.22	1762.7	85.7		
30-Nov-23	Fine	296.3	765.5	3.4006	3.6311	0.2306	16732.9	16756.9	24.0	1.22	1.22	1.22	1762.9	130.8		
Note: <i>Bold Italic</i> means Action Level exceedance <i>Bold Italic with underline</i> means Limit Level exceedance														Min	84.4	
														Max	130.8	
														Average	101.1	

24-hr TSP Concentration Levels



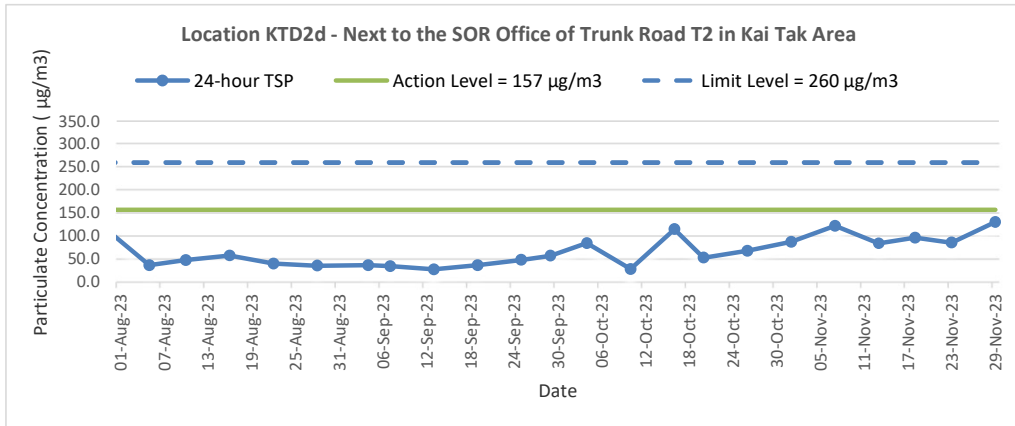
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Nov-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Nov-23	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	Nov-23	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	