

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-Mar-24	Cloudy	285.7	767.3	3.3684	3.5119	0.1435	7368.7	7392.7	24.0	1.22	1.23	1.23	1766.1	81.2	191.0	260.0
7-Mar-24	Cloudy	291.8	764.3	3.6968	3.8848	0.1879	7392.7	7416.7	24.0	1.22	1.22	1.22	1757.6	106.9		
13-Mar-24	Fine	292.6	764.5	3.7101	4.0147	0.3046	7416.7	7440.7	24.0	1.22	1.22	1.22	1755.8	173.5		
19-Mar-24	Fine	294.0	766.7	3.3123	3.4757	0.1633	7440.7	7464.7	24.0	1.22	1.22	1.22	1754.5	93.1		
25-Mar-24	Fine	299.1	762.8	3.3471	3.6262	0.2791	7464.7	7488.7	24.0	1.21	1.21	1.21	1739.1	160.5		
27-Mar-24	Sunny	296.6	763.2	3.3027	3.4516	0.1489	7488.7	7512.7	24.0	1.21	1.21	1.21	1745.3	85.3		
Note: <i>Bold italic</i> means Action Level exceedance																
<i>Bold italic with underline</i> means Limit Level exceedance																
Min 81.2																
Max 173.5																
Average 116.8																

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/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
1-Mar-24	Cloudy	285.7	767.3	3.3464	3.5417	0.1953	19798.6	19822.6	24.0	1.22	1.23	1.22	1763.3	110.8	183.0	260.0
7-Mar-24	Cloudy	291.8	764.3	3.3097	3.5026	0.1929	19822.6	19846.6	24.0	1.22	1.22	1.22	1761.6	109.5		
13-Mar-24	Fine	292.6	764.5	3.3075	3.6687	0.3612	19846.6	19870.6	24.0	1.22	1.22	1.22	1759.0	205.3		
19-Mar-24	Fine	294.0	766.7	3.3522	3.5744	0.2222	19870.6	19894.6	24.0	1.22	1.22	1.22	1757.7	126.4		
25-Mar-24	Sunny	299.1	762.8	3.3008	3.5500	0.2492	19918.6	19942.6	24.0	1.21	1.21	1.21	1742.5	143.0		
27-Mar-24	Sunny	296.6	763.2	3.3670	3.6027	0.2357	19942.6	19966.6	24.0	1.22	1.21	1.21	1748.6	134.8		
Note: <i>Bold italic</i> means Action Level exceedance																
<i>Bold italic with underline</i> means Limit Level exceedance																
Min 109.5																
Max 205.3																
Average 138.3																

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-Mar-24	Cloudy	285.7	767.3	3.3517	3.3827	0.0310	18687.2	18711.2	24.0	1.23	1.24	1.23	1777.4	17.5	177.0	260.0
7-Mar-24	Cloudy	291.8	764.3	3.7082	3.7698	0.0616	18711.2	18735.2	24.0	1.22	1.22	1.22	1759.0	35.0		
13-Mar-24	Sunny	292.6	764.5	3.6985	3.9191	0.2206	18735.2	18759.2	24.0	1.21	1.21	1.21	1742.1	126.6		
19-Mar-24	Fine	294.0	766.7	3.3831	3.4375	0.0544	18759.2	18783.2	24.0	1.21	1.21	1.21	1740.8	31.2		
25-Mar-24	Sunny	299.1	762.8	3.3173	3.3632	0.0459	18807.2	18831.2	24.0	1.20	1.20	1.20	1724.8	26.6		
27-Mar-24	Sunny	296.6	763.2	3.3366	3.4115	0.0749	18807.2	18831.2	24.0	1.21	1.20	1.20	1731.2	43.2		
Note: <i>Bold italic</i> means Action Level exceedance																
<i>Bold italic with underline</i> means Limit Level exceedance																
Min 17.5																
Max 126.6																
Average 46.7																

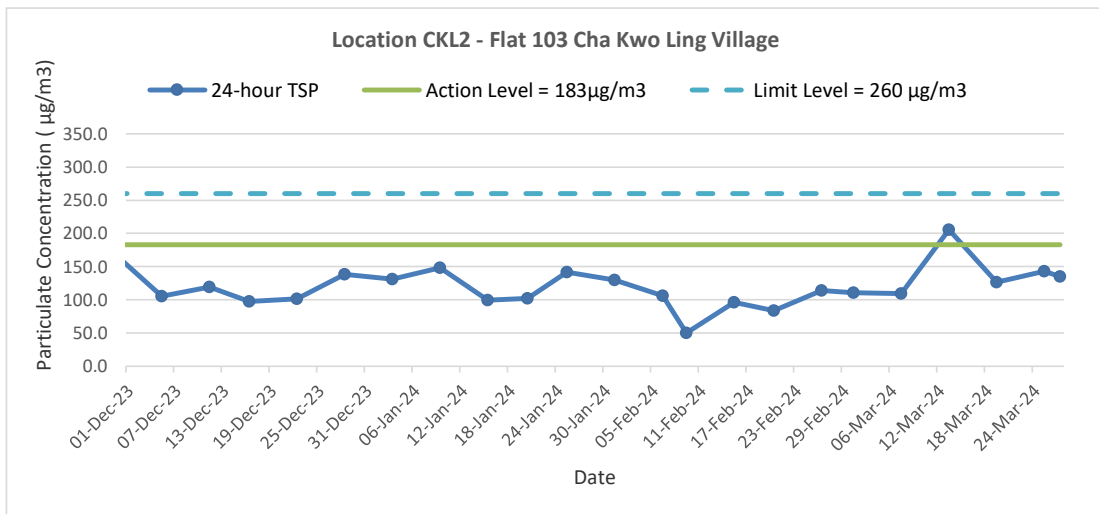
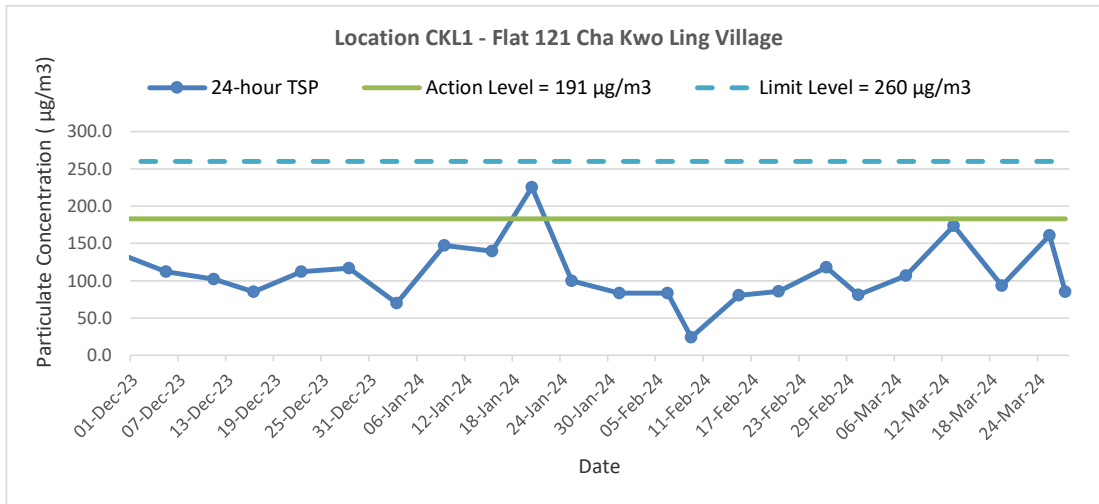
Location KER1 - Future Residential Development at Kerry Godown

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-Mar-24	Cloudy	285.7	767.3	3.3466	3.4388	0.0922	16489.6	16513.6	24.0	1.23	1.23	1.23	1776.0	51.9	172.0	260.0
7-Mar-24	Cloudy	291.8	764.3	3.3774	3.5006	0.1231	16513.6	16537.6	24.0	1.22	1.22	1.22	1757.2	70.1		
13-Mar-24	Fine	292.6	764.5	3.6736	3.8993	0.2256	16537.6	16561.6	24.0	1.21	1.21	1.21	1742.0	129.5		
19-Mar-24	Fine	294.0	766.7	3.3623	3.5314	0.1691	16561.6	16585.6	24.0	1.21	1.21	1.21	1740.6	97.1		
25-Mar-24	Sunny	299.1	762.8	3.3267	3.4610	0.1343	16585.6	16609.6	24.0	1.20	1.20	1.20	1723.2	77.9		
27-Mar-24	Sunny	296.6	763.2	3.3456	3.5309	0.1854	16609.6	16633.6	24.0	1.20	1.20	1.20	1730.1	107.1		
Note: <i>Bold italic</i> means Action Level exceedance																
<i>Bold italic with underline</i> means Limit Level exceedance																
Min 51.9																
Max 129.5																
Average 89.0																

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

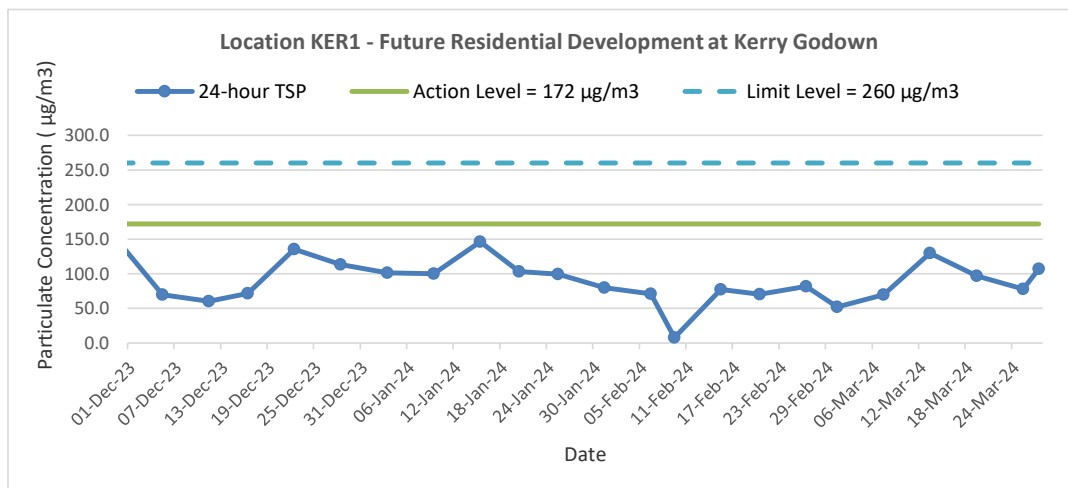
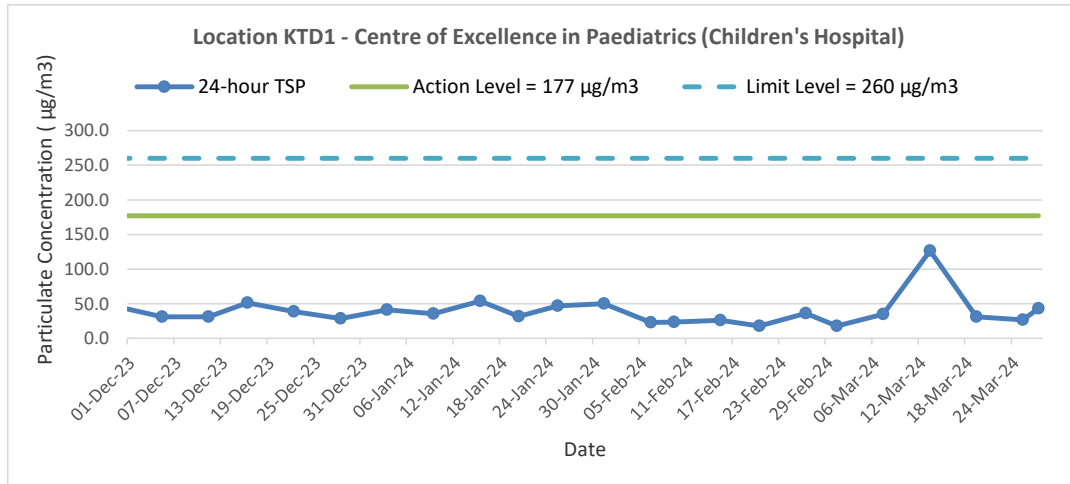
Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m ³)	Limit Level (µg/m ³)
				Initial	Final		Initial	Final		Initial	Final					
1-Mar-24	Cloudy	285.7	767.3	3.7185	3.8550	0.1385	17141.7	17165.7	24.0	1.24	1.25	1.25	1793.8	77.2	157.0	260.0
7-Mar-24	Cloudy	291.8	764.3	3.3350	3.5981	0.2631	17165.7	17189.7	24.0	1.23	1.23	1.23	1775.5	148.2		
13-Mar-24	Fine	292.6	764.5	3.3200	3.4692	0.1492	17264.7	17288.7	24.0	1.21	1.21	1.21	1742.6	85.6		
19-Mar-24	Fine	294.0	766.7	3.3964	3.6578	0.2615	17288.7	17312.7	24.0	1.21	1.21	1.21	1742.1	150.1		
25-Mar-24	Sunny	299.1	762.8	3.3585	3.5860	0.2276	17312.7	17336.7	24.0	1.20	1.20	1.20	1725.9	131.9		
27-Mar-24	Sunny	296.6	763.2	3.3380	3.5043	0.1663	17336.7	17360.7	24.0	1.21	1.20	1.20	1732.0	96.0		
Note: <i>Bold italic</i> means Action Level exceedance																
<i>Bold italic with underline</i> means Limit Level exceedance																
Min 77.2																
Max 150.1																
Average 114.8																

24-hr TSP Concentration Levels



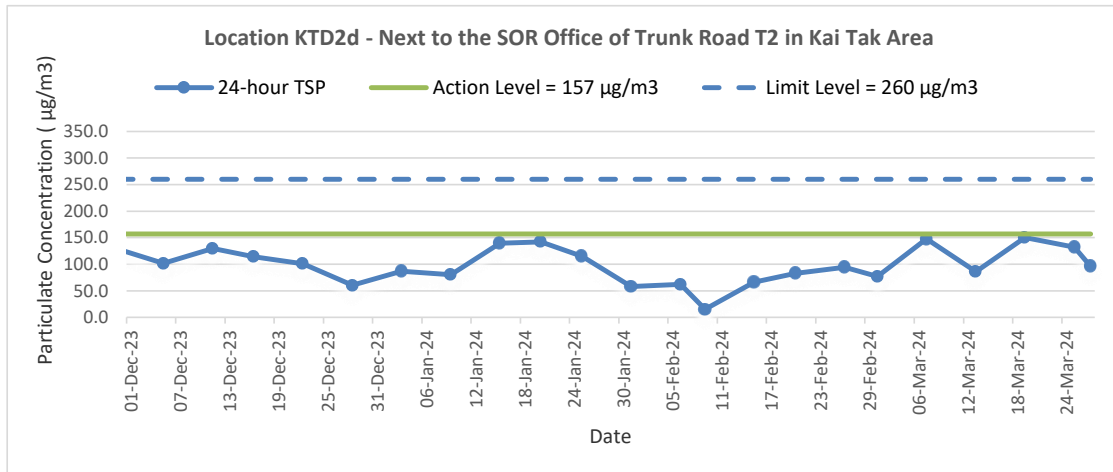
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Mar-24	Project No. MA20003	CINOTECH
		Appendix F	

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 Mar-24	Project No. MA20003	CINOTECH
		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 Mar-24	Project No. MA20003	
		Appendix F	