

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					
3-Apr-23	Fine	295.3	758.9	3.3581	3.5303	0.1722	5853.8	5877.8	24.0	1.21	1.20	1.21	1737.7	99.1	191.0	260.0
6-Apr-23	Cloudy	296.6	760.8	3.3717	3.5125	0.1408	5901.8	5925.8	24.0	1.20	1.21	1.21	1736.5	81.1		
11-Apr-23	Fine	297.6	760.5	3.3439	3.5829	0.2390	5925.8	5949.8	24.0	1.20	1.20	1.20	1734.0	137.8		
14-Apr-23	Sunny	298.8	758.5	3.3118	3.6147	0.3029	5949.8	5973.8	24.0	1.20	1.20	1.20	1729.8	175.1		
20-Apr-23	Fine	297.1	755.3	3.3462	3.4619	0.1158	5973.8	5997.8	24.0	1.20	1.20	1.20	1730.8	66.9		
26-Apr-23	Cloudy	295.2	762.2	3.4232	3.5272	0.1040	5997.8	6021.8	24.0	1.21	1.21	1.21	1740.9	59.7		
													Min	59.7		
													Max	175.1		
													Average	103.3		

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					
3-Apr-23	Fine	295.3	758.9	3.2940	3.5693	0.2753	18151.2	18175.2	24.0	1.21	1.20	1.21	1737.9	158.4	183.0	260.0
6-Apr-23	Cloudy	296.6	760.8	3.3510	3.4930	0.1420	18175.2	18199.2	24.0	1.20	1.21	1.21	1736.6	81.8		
11-Apr-23	Fine	297.6	760.5	3.3488	3.7337	0.3849	18199.2	18223.2	24.0	1.20	1.20	1.20	1733.9	222.0		
14-Apr-23	Sunny	298.8	758.5	3.3222	3.8378	0.5156	18247.2	18271.2	24.0	1.20	1.20	1.20	1729.4	298.1		
20-Apr-23	Fine	297.1	755.3	3.3923	3.5650	0.1727	18295.2	18319.2	24.0	1.20	1.20	1.20	1730.5	99.8		
26-Apr-23	Fine	295.2	762.2	3.3792	3.7160	0.3368	18319.2	18343.2	24.0	1.21	1.21	1.21	1741.2	193.4		
													Min	81.8		
													Max	298.1		
													Average	175.6		

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

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					
3-Apr-23	Fine	295.3	758.9	3.3330	3.4282	0.0953	17219.1	17243.1	24.0	1.22	1.21	1.21	1746.7	54.5	177.0	260.0
6-Apr-23	Cloudy	296.6	760.8	3.3705	3.4177	0.0472	17243.1	17267.1	24.0	1.21	1.22	1.21	1745.3	27.1		
11-Apr-23	Fine	297.6	760.5	3.3622	3.4976	0.1353	17267.1	17291.1	24.0	1.21	1.21	1.21	1742.3	77.7		
14-Apr-23	Sunny	298.8	758.5	3.3210	3.4844	0.1634	17291.1	17315.1	24.0	1.21	1.20	1.21	1737.3	94.0		
20-Apr-23	Cloudy	297.1	755.3	3.3560	3.4084	0.0524	17315.1	17339.1	24.0	1.21	1.21	1.21	1738.4	30.1		
26-Apr-23	Cloudy	295.2	762.2	3.2953	3.4013	0.1061	17339.1	17363.1	24.0	1.22	1.21	1.22	1750.4	60.6		
													Min	27.1		
													Max	94.0		
													Average	57.3		

Note: ***Bold Italic*** means Action Level exceedance
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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					
3-Apr-23	Fine	295.3	758.9	3.3246	3.4498	0.1252	15023.8	15047.8	24.0	1.22	1.21	1.21	1749.3	71.6	172.0	260.0
6-Apr-23	Cloudy	296.6	760.8	3.4044	3.4847	0.0804	15047.8	15071.8	24.0	1.21	1.22	1.21	1747.9	46.0		
11-Apr-23	Fine	297.6	760.5	3.3581	3.5303	0.1722	15071.8	15095.8	24.0	1.21	1.21	1.21	1745.0	98.7		
14-Apr-23	Sunny	298.8	758.5	3.3511	3.6178	0.2667	15095.8	15119.8	24.0	1.21	1.21	1.21	1740.1	153.3		
20-Apr-23	Cloudy	297.1	755.3	3.3497	3.4466	0.0969	15119.8	15143.8	24.0	1.21	1.21	1.21	1741.2	56.6		
26-Apr-23	Cloudy	295.2	762.2	3.2806	3.4739	0.1933	15143.8	15167.8	24.0	1.22	1.22	1.22	1752.8	110.3		
													Min	46.0		
													Max	153.3		
													Average	89.2		

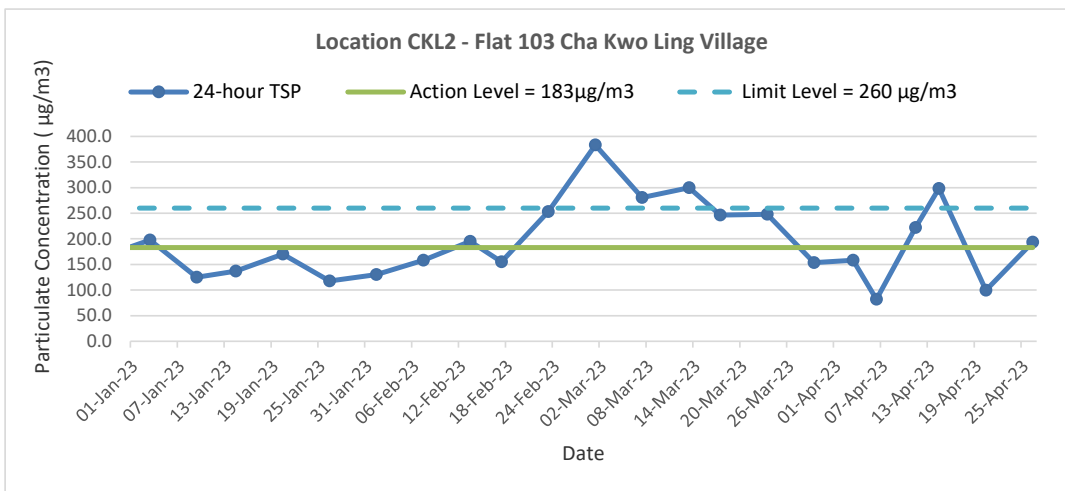
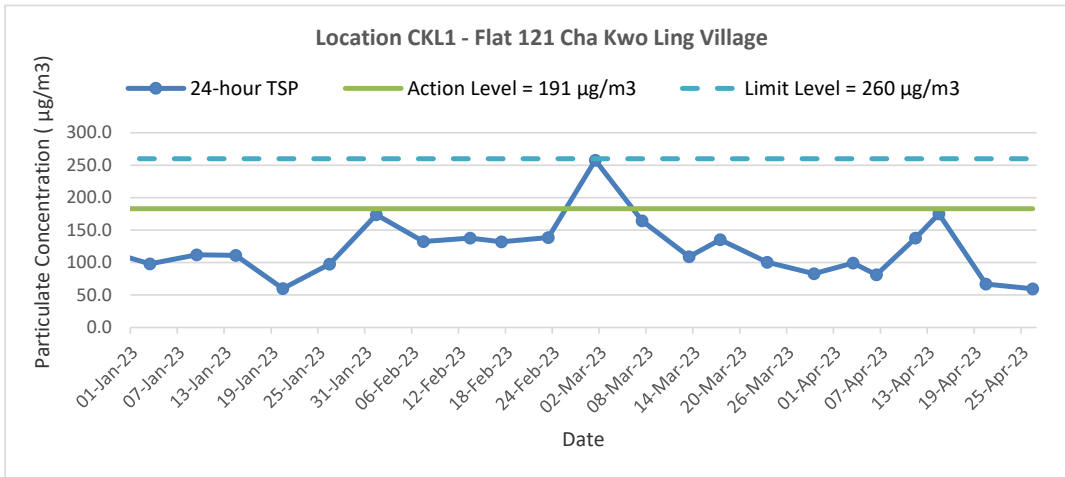
Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

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					
3-Apr-23	Cloudy	295.3	758.9	3.3032	3.4349	0.1317	15689.2	15713.2	24.0	1.22	1.21	1.21	1746.3	75.4	157.0	260.0
6-Apr-23	Cloudy	296.6	760.8	3.3952	3.4333	0.0381	15713.2	15737.2	24.0	1.21	1.22	1.21	1744.9	21.8		
11-Apr-23	Fine	297.6	760.5	3.3881	3.5737	0.1855	15737.2	15761.2	24.0	1.21	1.21	1.21	1741.9	106.5		
14-Apr-23	Sunny	298.8	758.5	3.2921	3.5374	0.2453	15761.2	15785.2	24.0	1.21	1.20	1.21	1737.1	141.2		
20-Apr-23	Cloudy	297.1	755.3	3.3429	3.4239	0.0810	15785.2	15809.2	24.0	1.21	1.21	1.21	1738.2	46.6		
26-Apr-23	Cloudy	295.2	762.2	3.3329	3.4788	0.1460	15809.2	15833.2	24.0	1.22	1.21	1.22	1749.9	83.4		
													Min	21.8		
													Max	141.2		
													Average	79.2		

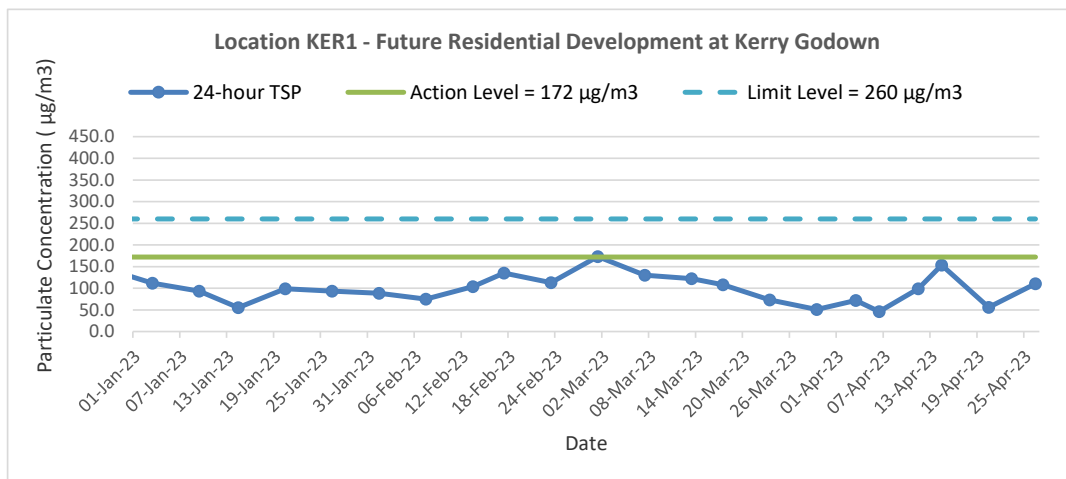
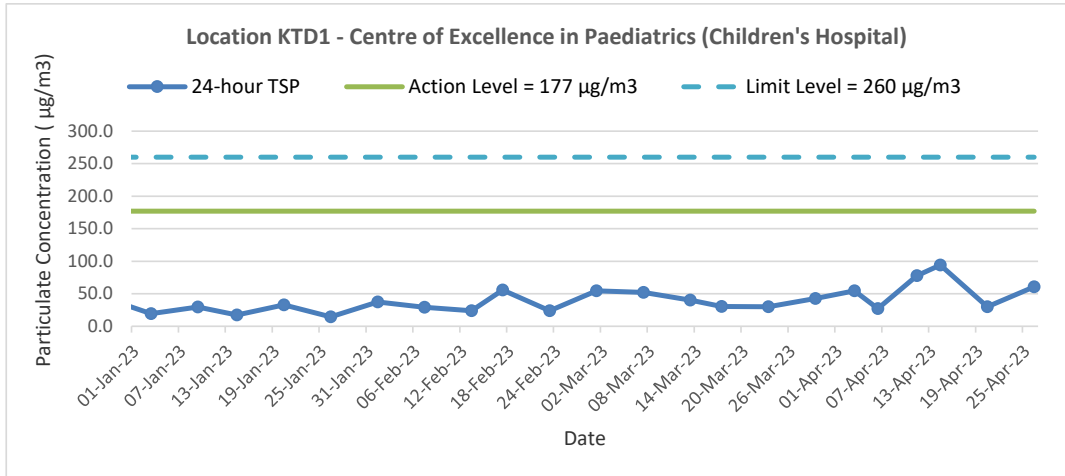
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24-hr TSP Concentration Levels



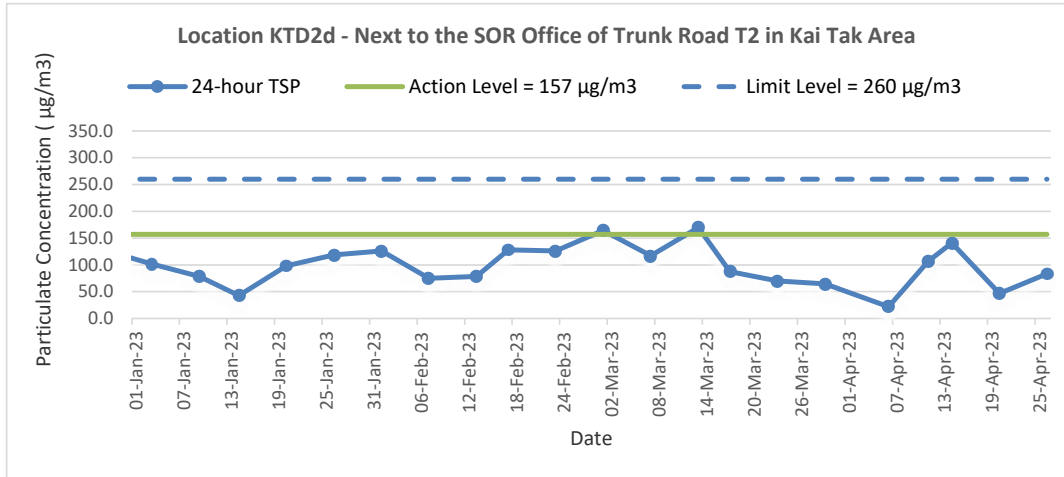
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Apr-23	Project No. MA20003	
		Appendix F	

24-hr TSP Concentration Levels



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