

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					
2-Dec-21	Sunny	290.7	767.2	3.3424	3.4116	0.0692	3462.8	3486.8	24.0	1.24	1.24	1.24	1783.0	38.8	191.0	260.0
8-Dec-21	Sunny	293.2	767.7	3.3605	3.6019	0.2414	3486.9	3510.9	24.0	1.23	1.23	1.23	1777.5	135.8		
14-Dec-21	Fine	294.0	764.0	3.3643	3.6181	0.2538	3510.9	3534.9	24.0	1.23	1.23	1.23	1772.0	143.2		
20-Dec-21	Rainy	290.3	762.7	3.3061	3.3870	0.0809	3534.9	3558.9	24.0	1.24	1.23	1.24	1779.8	45.4		
23-Dec-21	Fine	292.9	763.8	3.3219	3.4415	0.1197	3558.9	3582.9	24.0	1.23	1.23	1.23	1774.4	67.4		
29-Dec-21	Sunny	291.3	768.9	3.3340	3.6513	0.3173	3582.9	3606.9	24.0	1.24	1.24	1.24	1783.2	177.9		

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

Min	38.8
Max	143.2
Average	86.1

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					
2-Dec-21	Sunny	290.7	767.2	3.3451	3.4349	0.0898	15488.5	15512.5	24.0	1.24	1.24	1.24	1786.5	50.3	183.0	260.0
8-Dec-21	Fine	293.2	767.7	3.3236	3.5154	0.1918	15655.2	15679.2	24.0	1.24	1.24	1.24	1779.6	107.8		
14-Dec-21	Rainy	294.0	764.0	3.3007	3.4078	0.1071	15679.2	15703.2	24.0	1.23	1.23	1.23	1774.9	60.3		
20-Dec-21	Sunny	290.3	762.7	3.3308	3.4320	0.1012	15703.2	15727.2	24.0	1.24	1.24	1.24	1782.2	56.8		
23-Dec-21	Fine	292.9	763.8	3.3170	3.4000	0.0830	15727.2	15751.2	24.0	1.23	1.23	1.23	1777.6	46.7		
29-Dec-21	Sunny	291.3	768.9	3.3169	3.4831	0.1662	15751.2	15775.2	24.0	1.24	1.24	1.24	1786.8	93.0		

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

Min	46.7
Max	107.8
Average	64.4

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					
2-Dec-21	Sunny	290.7	767.2	3.3511	3.4684	0.1173	15031.4	15055.4	24.0	1.25	1.24	1.25	1793.6	65.4	177.0	260.0
8-Dec-21	Sunny	293.2	767.7	3.3184	3.4572	0.1388	15055.4	15079.4	24.0	1.21	1.21	1.21	1748.0	79.4		
14-Dec-21	Sunny	294.0	764.0	3.3803	3.5129	0.1326	15055.4	15079.4	24.0	1.21	1.21	1.21	1742.2	76.1		
20-Dec-21	Cloudy	290.3	762.7	3.3103	3.3548	0.0445	15103.5	15127.5	24.0	1.22	1.21	1.22	1750.4	25.4		
23-Dec-21	Fine	292.9	763.8	3.3149	3.4104	0.0955	15127.5	15151.4	24.0	1.21	1.21	1.21	1744.0	54.8		
29-Dec-21	Sunny	291.3	768.9	3.3387	3.5239	0.1852	15151.4	15175.4	24.0	1.22	1.22	1.22	1754.0	105.6		
													Min	25.4		
													Max	79.4		
													Average	60.2		

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

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					
2-Dec-21	Sunny	290.7	767.2	3.3580	3.6415	0.2836	12697.2	12721.2	24.0	1.25	1.25	1.25	1798.9	157.6	172.0	260.0
8-Dec-21	Sunny	293.2	767.7	3.3149	3.4392	0.1243	12721.2	12745.2	24.0	1.21	1.21	1.21	1743.5	71.3		
14-Dec-21	Sunny	294.0	764.0	3.3261	3.5878	0.2617	12745.2	12769.2	24.0	1.21	1.20	1.21	1737.0	150.7		
20-Dec-21	Cloudy	290.3	762.7	3.3058	3.5218	0.2160	12769.3	12793.3	24.0	1.21	1.21	1.21	1746.3	123.7		
23-Dec-21	Fine	292.9	763.8	3.2885	3.4968	0.2083	12793.3	12817.3	24.0	1.21	1.21	1.21	1739.1	119.7		
29-Dec-21	Sunny	291.3	768.9	3.3178	3.4465	0.1287	12817.3	12841.3	24.0	1.21	1.22	1.22	1750.3	73.5		
													Min	71.3		
													Max	157.6		
													Average	124.6		

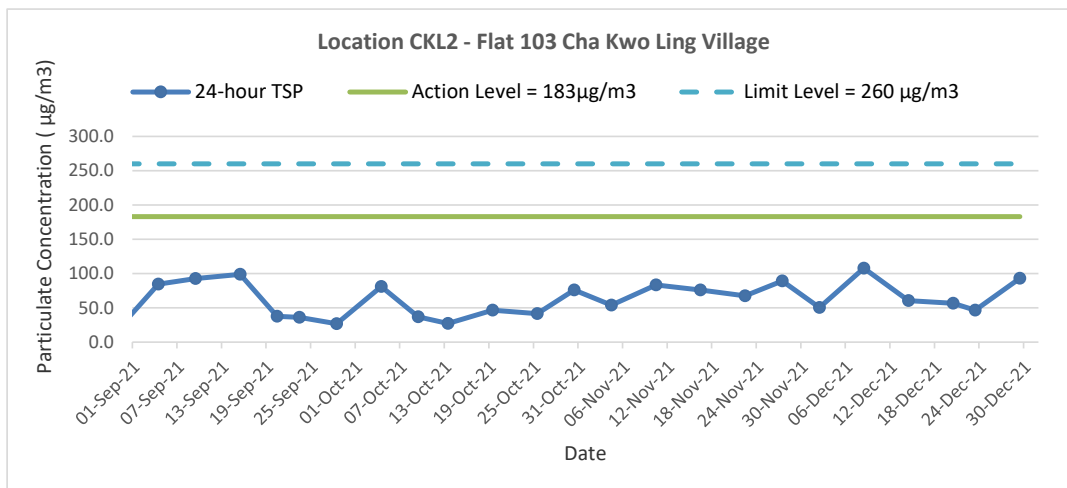
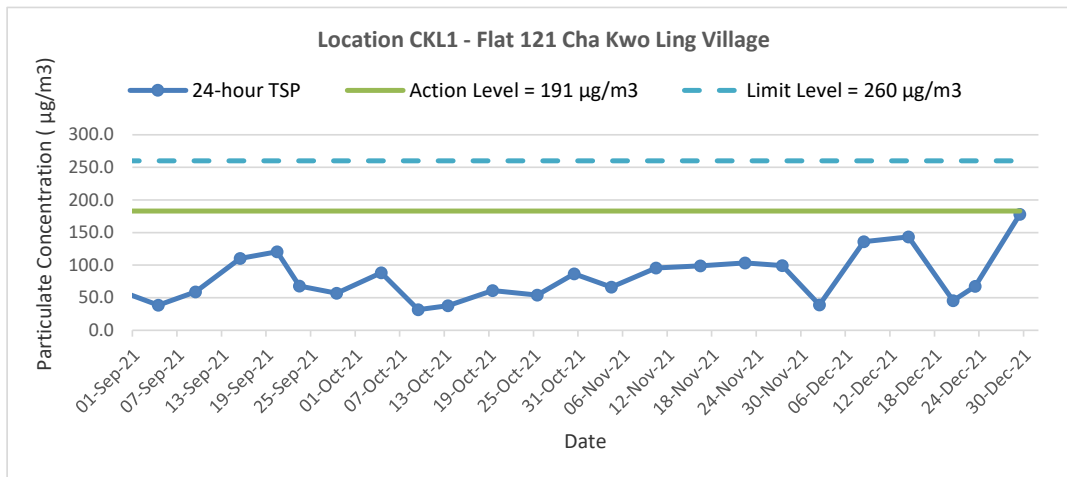
Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

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					
2-Dec-21	Sunny	290.7	767.2	3.2924	3.4744	0.1821	13453.0	13477.0	24.0	1.23	1.23	1.23	1767.1	103.0	172.0	260.0
8-Dec-21	Sunny	293.2	767.7	3.3346	3.5581	0.2235	13477.0	13501.0	24.0	1.22	1.22	1.22	1759.7	127.0		
14-Dec-21	Sunny	294.0	764.0	3.3791	3.4959	0.1168	13501.0	13525.0	24.0	1.22	1.21	1.22	1752.3	66.7		
20-Dec-21	Cloudy	290.3	762.7	3.3152	3.4263	0.1112	13525.0	13549.0	24.0	1.23	1.22	1.22	1762.9	63.1		
23-Dec-21	Fine	292.9	763.8	3.3253	3.4829	0.1576	13549.0	13573.0	24.0	1.22	1.22	1.22	1755.6	89.8		
29-Dec-21	Sunny	291.3	768.9	3.3063	3.5404	0.2341	13573.0	13597.0	24.0	1.23	1.23	1.23	1767.4	132.5		
													Min	63.1		
													Max	127.0		
													Average	89.9		

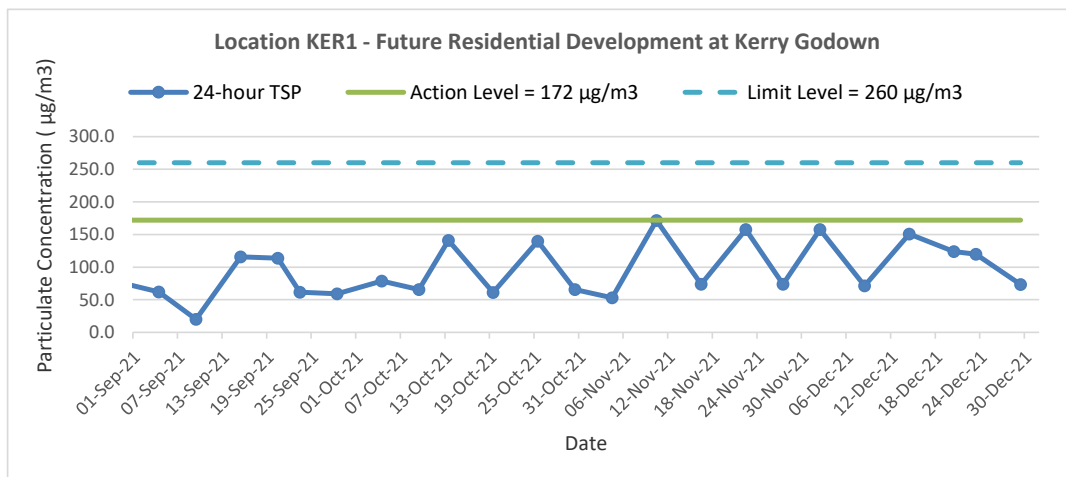
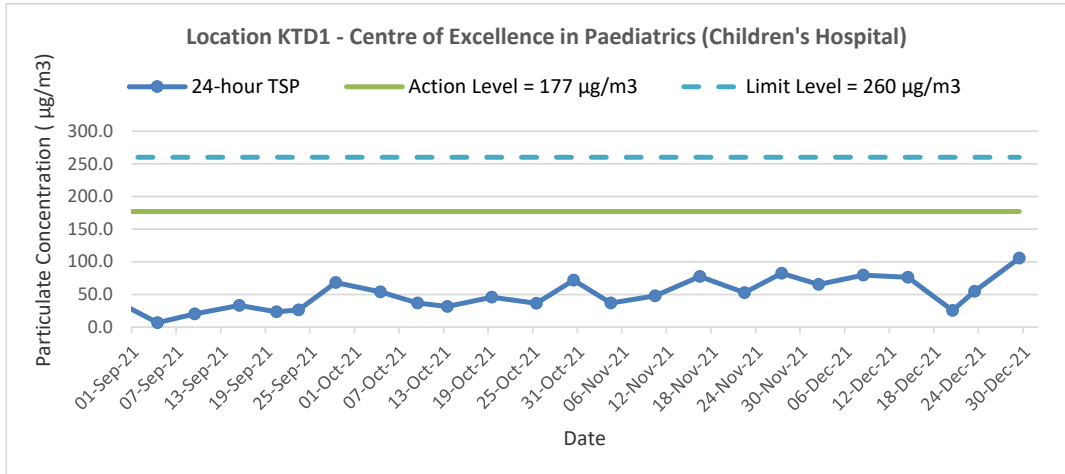
Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

24-hr TSP Concentration Levels



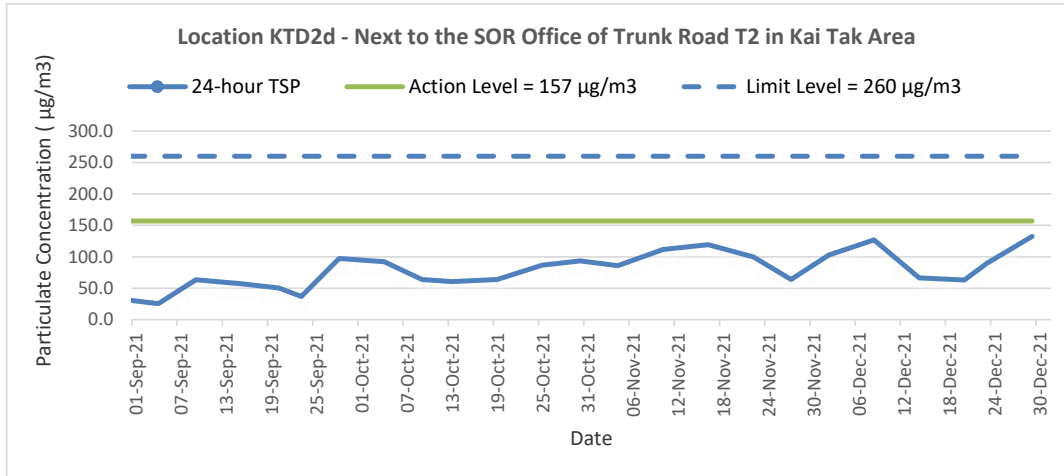
Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Date Dec-21	Project No. MA20003	
		Appendix F	

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 Dec-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 Dec-21	Project No. MA20003	
		Appendix F	