

## Appendix F - 24-hour TSP Monitoring Results

### Location AM1 - Tin Hau Temple

Start Date	Weather	Air	Atmospheric	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m <sup>3</sup> /min.)		Av. flow	Total vol.	Conc.
	Condition	Temp. (K)	Pressure, Pa (mmHg)	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	(µg/m <sup>3</sup> )
2-Dec-20	Sunny	291.7	766.6	3.5074	3.7194	0.2120	7570.7	7594.7	24.0	1.25	1.25	1.25	1797.7	117.9
8-Dec-20	Sunny	292.9	765.0	3.4873	3.6740	0.1867	7594.7	7618.7	24.0	1.24	1.23	1.24	1778.5	105.0
29-Dec-20	Sunny	291.1	765.1	2.6593	2.8906	0.2313	7666.7	7690.7	24.0	1.24	1.26	1.25	1797.9	128.7
													Min	105.0
													Max	128.7
													Average	117.2

### Location AM2 - Sai Tso Wan Recreation Ground

Start Date	Weather	Air	Atmospheric	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m <sup>3</sup> /min.)		Av. flow	Total vol.	Conc.
	Condition	Temp. (K)	Pressure, Pa (mmHg)	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	(µg/m <sup>3</sup> )
2-Dec-20	Sunny	291.7	766.6	3.4932	3.5838	0.0906	28720.8	28744.8	24.0	1.24	1.25	1.25	1794.8	50.5
8-Dec-20	Sunny	292.9	765.0	3.2731	3.3797	0.1066	28744.8	28768.8	24.0	1.24	1.24	1.24	1789.3	59.6
29-Dec-20	Sunny	291.1	765.1	2.6707	2.9260	0.2553	28756.8	28780.8	24.0	1.23	1.25	1.24	1785.0	143.0
													Min	50.5
													Max	143.0
													Average	84.4

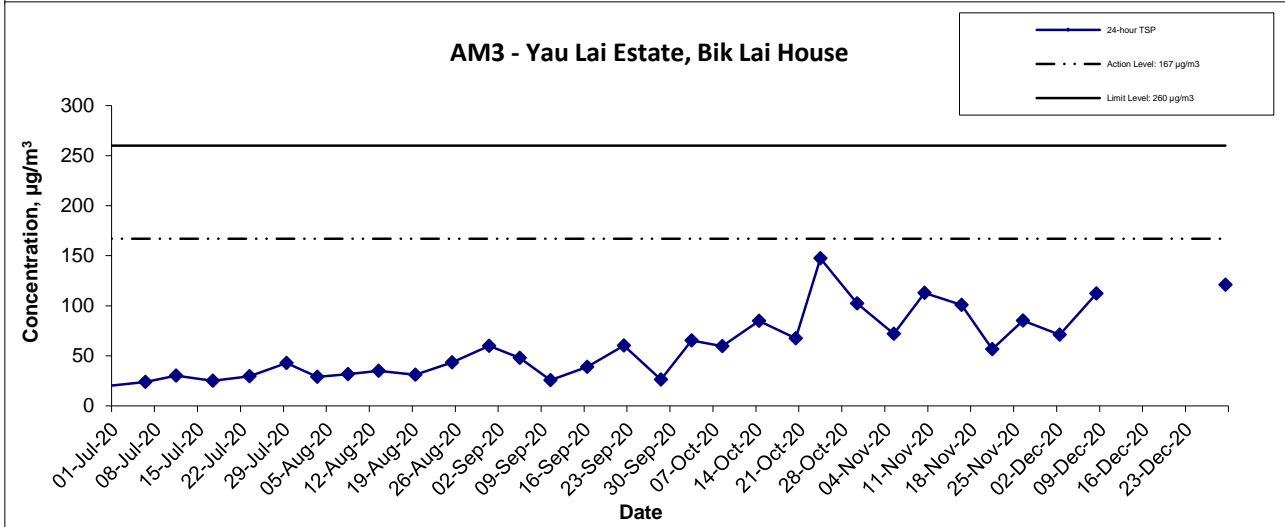
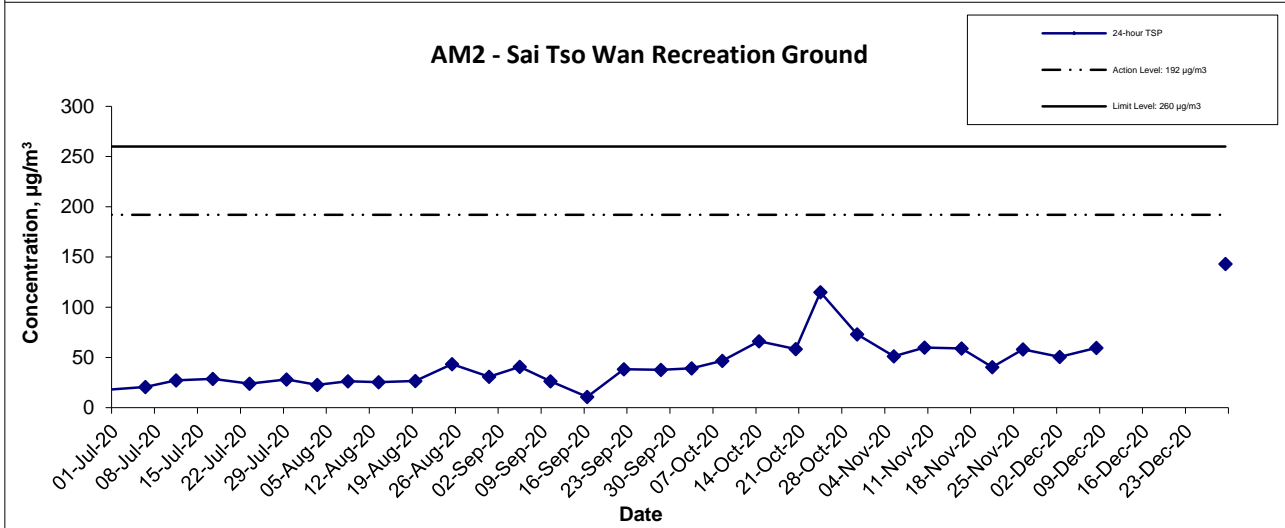
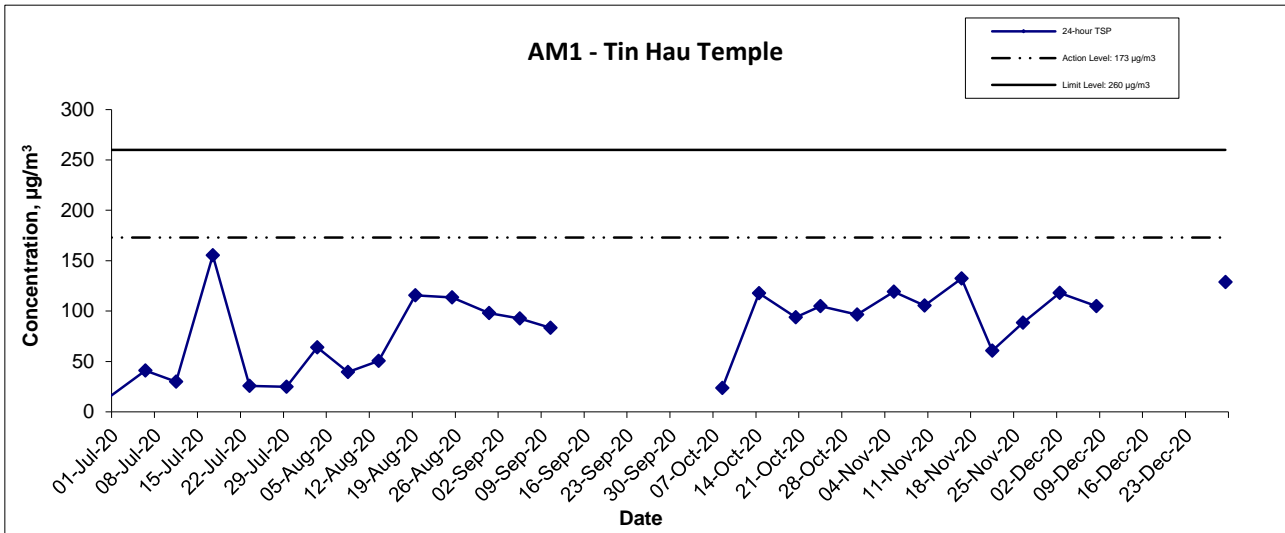
### Location AM3 - Yau Lai Estate, Bik Lai House

Start Date	Weather	Air	Atmospheric	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m <sup>3</sup> /min.)		Av. flow	Total vol.	Conc.
	Condition	Temp. (K)	Pressure, Pa (mmHg)	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	(µg/m <sup>3</sup> )
2-Dec-20	Sunny	291.7	766.6	3.5193	3.6475	0.1282	3053.0	3077.0	24.0	1.25	1.25	1.25	1800.5	71.2
8-Dec-20	Sunny	292.9	765.0	3.4778	3.6779	0.2001	3077.0	3101.0	24.0	1.24	1.24	1.24	1781.7	112.3
29-Dec-20	Sunny	291.1	765.1	2.6807	2.8971	0.2164	3101.0	3125.0	24.0	1.23	1.25	1.24	1787.6	121.1
													Min	71.2
													Max	121.1
													Average	101.5

### Location AM4(A) - Cha Kwo Ling Public Cargo Working Area Administrative Office

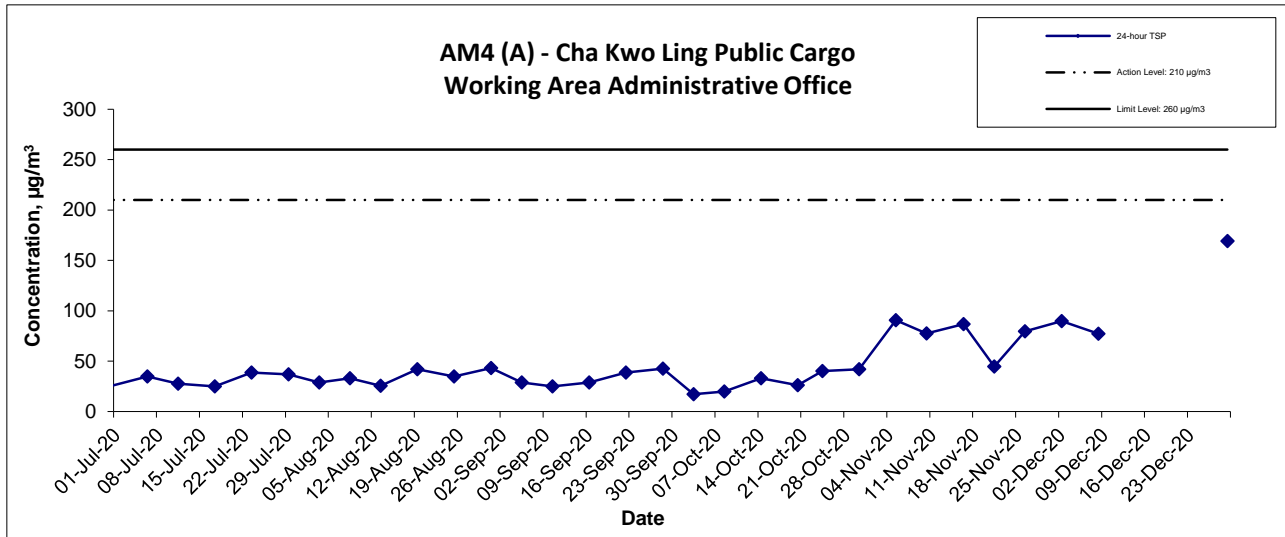
Start Date	Weather	Air	Atmospheric	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m <sup>3</sup> /min.)		Av. flow	Total vol.	Conc.
	Condition	Temp. (K)	Pressure, Pa (mmHg)	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	(µg/m <sup>3</sup> )
2-Dec-20	Sunny	291.7	766.6	3.5074	3.6684	0.1610	13939.4	13963.4	24.0	1.24	1.25	1.25	1794.9	89.7
8-Dec-20	Sunny	292.9	765.0	3.4944	3.6317	0.1373	13963.4	13987.4	24.0	1.23	1.23	1.23	1775.4	77.3
29-Dec-20	Sunny	291.1	765.1	2.6547	2.9558	0.3011	13986.4	14010.4	24.0	1.23	1.24	1.24	1780.7	169.1
													Min	77.3
													Max	169.1
													Average	112.0

### 24-hr TSP Concentration Levels



Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron  Graphical Presentation of 24-hour TSP Monitoring Results	Scale	Project	
	Date	Appendix	
	N.T.S	No. MA20003	
	Dec-20	F	

### 24-hr TSP Concentration Levels



**Notes:**

- 1) The major activities being carried out on site during the reporting period is/are presented in Section 1.10
- 2) The weather conditions during the reporting month are presented in Appendix C.
- 3) Other factors which might affect the monitoring results are presented in Section 2.17.
- 4) Measurement cannot be carried out for AM1 between 12 Sep 2020 - 7 Oct 2020 as no power supply due to technical problems in the system of the Temple.
- 5) As notice by Engineer that no construction activity was carried out at the Portion T1, monitoring between 10 Dec 2020 to 23 Dec 2020 was then suspended.

Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron  Graphical Presentation of 24-hour TSP Monitoring Results	Scale N.T.S	Project No. MA20003	
	Date Dec-20	Appendix F	