

## Appendix F - 24-hour TSP Monitoring Results

### Location AM1 - Tin Hau Temple

Start Date	Weather	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m <sup>3</sup> /min.)		Av. flow	Total vol.	Conc.
	Condition	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	(µg/m <sup>3</sup> )
4-Aug-22	Cloudy	3.3035	3.4216	0.1181	10386.7	10410.7	24.0	1.22	1.22	1.22	1754.8	67.3
10-Aug-22	Sunny	3.3210	3.4843	0.1633	10410.7	10434.7	24.0	1.22	1.22	1.22	1754.5	93.1
16-Aug-22	Sunny	3.3067	3.4633	0.1566	10434.7	10458.7	24.0	1.21	1.22	1.22	1749.8	89.5
22-Aug-22	Sunny	3.3431	3.6433	0.3002	10458.7	10482.7	24.0	1.21	1.21	1.21	1745.4	172.0
27-Aug-22	Fine	3.3320	3.5740	0.2420	10506.5	10530.5	24.0	1.22	1.21	1.21	1748.8	138.4
											Min	67.3
											Max	172.0
											Average	112.0

### Location AM2 - Sai Tso Wan Recreation Ground

Start Date	Weather	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m <sup>3</sup> /min.)		Av. flow	Total vol.	Conc.
	Condition	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	(µg/m <sup>3</sup> )
4-Aug-22	Rainy	3.3577	3.4115	0.0538	31507.1	31531.1	24.0	1.22	1.22	1.22	1754.9	30.7
10-Aug-22	Rainy	3.2973	3.3537	0.0564	31531.1	31555.1	24.0	1.22	1.22	1.22	1754.7	32.1
16-Aug-22	Cloudy	3.3270	3.3775	0.0505	31555.1	31579.1	24.0	1.21	1.22	1.22	1749.7	28.9
22-Aug-22	Fine	3.3292	3.4157	0.0865	31579.1	31603.1	24.0	1.21	1.21	1.21	1744.9	49.6
27-Aug-22	Fine	3.2949	3.3900	0.0951	31603.1	31627.1	24.0	1.22	1.21	1.21	1748.7	54.4
											Min	28.9
											Max	54.4
											Average	39.1

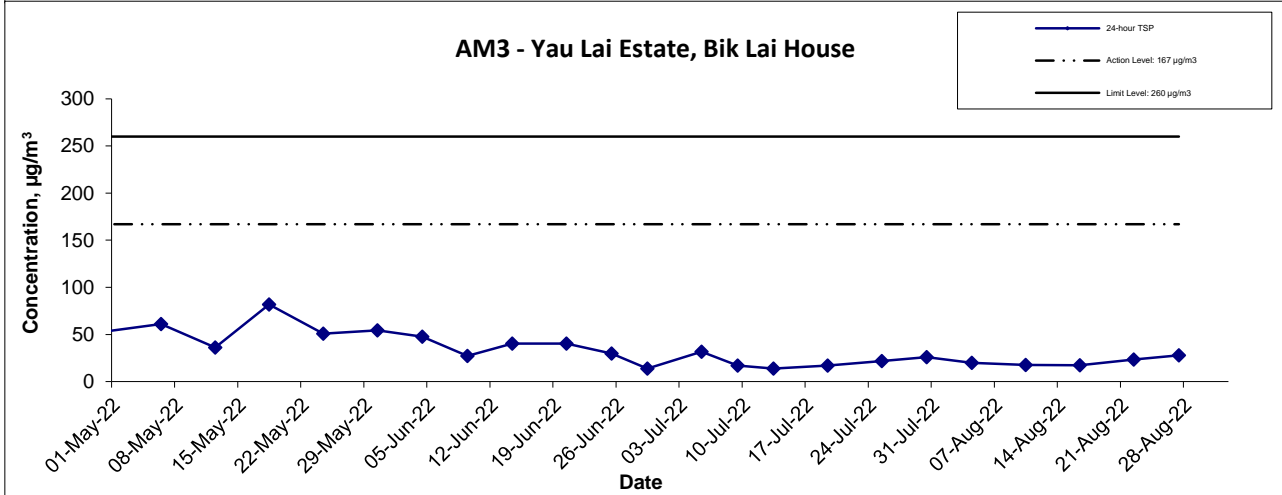
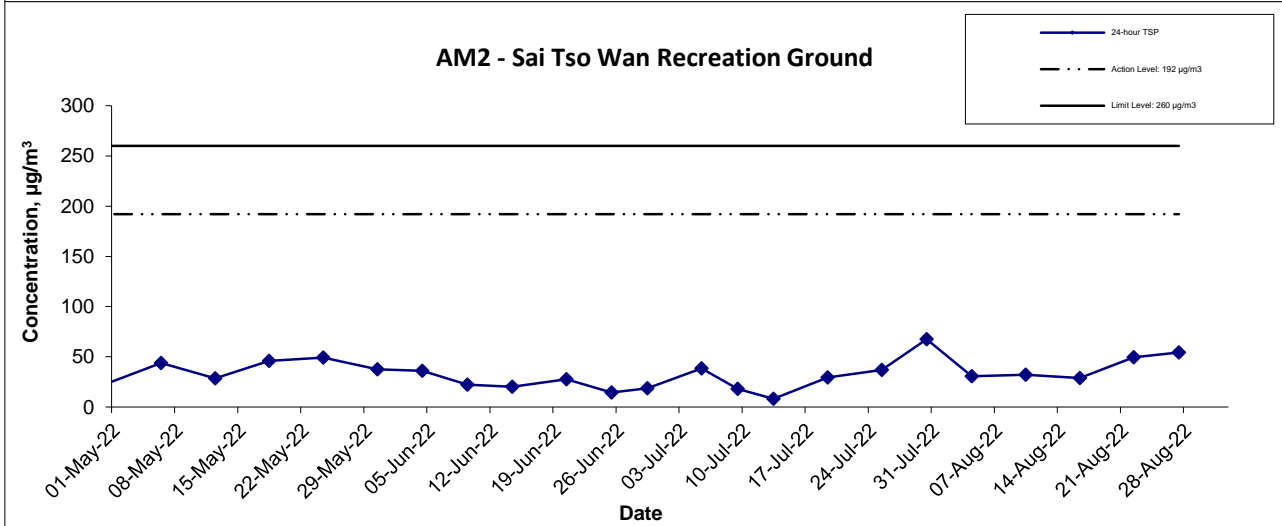
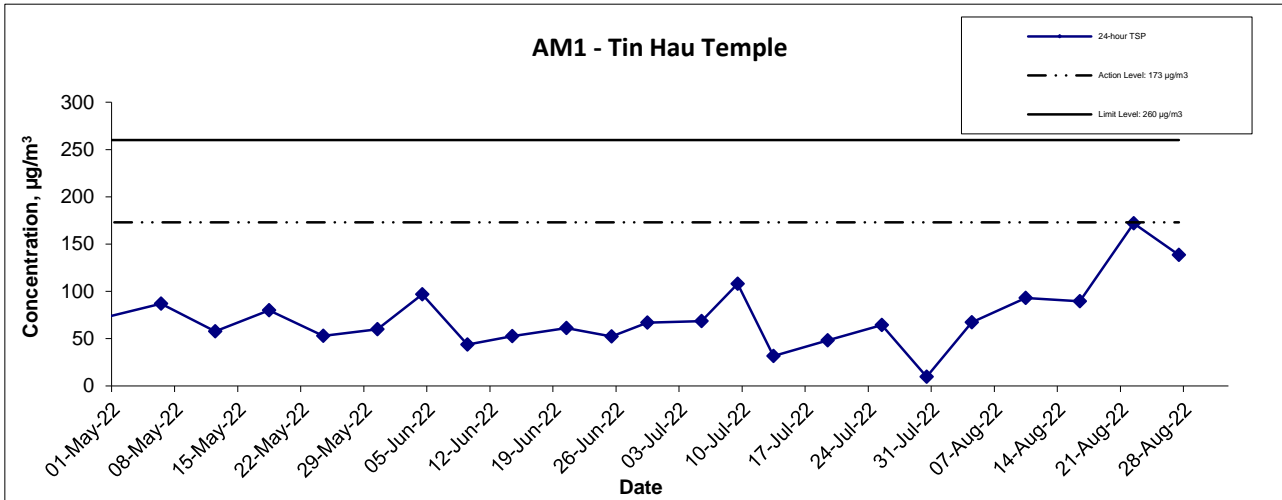
### Location AM3 - Yau Lai Estate, Bik Lai House

Start Date	Weather	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m <sup>3</sup> /min.)		Av. flow	Total vol.	Conc.
	Condition	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	(µg/m <sup>3</sup> )
4-Aug-22	Rainy	3.3611	3.3961	0.0350	5849.6	5873.6	24.0	1.22	1.22	1.22	1754.4	19.9
10-Aug-22	Rainy	3.2836	3.3147	0.0311	5873.6	5897.6	24.0	1.22	1.22	1.22	1755.7	17.7
16-Aug-22	Cloudy	3.3166	3.3468	0.0302	5897.6	5921.6	24.0	1.21	1.22	1.22	1751.4	17.2
22-Aug-22	Sunny	3.3375	3.3782	0.0407	5921.6	5945.6	24.0	1.21	1.21	1.21	1745.3	23.3
27-Aug-22	Fine	3.3144	3.3630	0.0486	5945.6	5969.6	24.0	1.22	1.21	1.22	1750.4	27.8
											Min	17.2
											Max	27.8
											Average	21.2

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

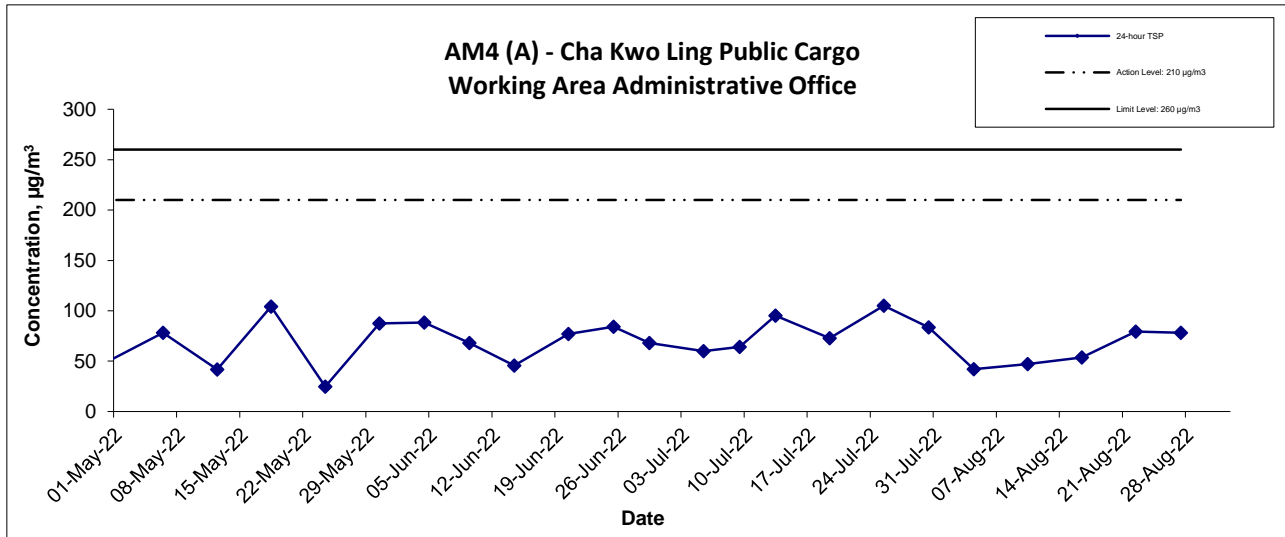
Start Date	Weather	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m <sup>3</sup> /min.)		Av. flow	Total vol.	Conc.
	Condition	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	(µg/m <sup>3</sup> )
4-Aug-22	Rainy	3.3186	3.3925	0.0739	16863.7	16887.7	24.0	1.22	1.22	1.22	1761.7	41.9
10-Aug-22	Rainy	3.3407	3.4236	0.0829	16887.7	16911.7	24.0	1.22	1.22	1.22	1760.5	47.1
16-Aug-22	Rainy	3.3029	3.3970	0.0941	16911.7	16935.7	24.0	1.22	1.22	1.22	1755.9	53.6
22-Aug-22	Sunny	3.3975	3.5363	0.1388	16935.7	16959.7	24.0	1.22	1.21	1.22	1751.0	79.3
27-Aug-22	Sunny	3.4086	3.5459	0.1373	16959.7	16983.7	24.0	1.22	1.22	1.22	1754.3	78.3
											Min	41.9
											Max	79.3
											Average	60.0

\*In June 2022, the 24 TSP Monitoring at AM4(A) is suspended and under application for relocation. Once the proposal for relocation is approved, the monitoring at AM4(A) will be conducted at AM4(B). For the time being, as the station CKL2 for the 24 hr TSP monitoring, carried out under EM&A works for Trunk Road T2 Project (EP-451/2013), is located in close proximity to AM4(A); the results from CKL2 are adopted as reference for the 24 TSP monitoring at AM4(A), which has similar environment when compared with that for CKL2.



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Graphical Presentation of 24-hour TSP Monitoring Results	Date Aug-22	Appendix F	

### 24-hr TSP Concentration Levels



**Notes:**

- 1) The major activitie(s) 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) \*In June 2022, the 24 TSP Monitoring at AM4(A) is suspended and under application for relocation. Once the proposal for relocation is approved, the monitoring at AM4(A) will at conducted at AM4(B). For the time being, as the station CKL2 for the 24 hr TSP monitoring, carried out under EM&A works for Trunk Road T2 Project (EP-451/2013), is located in close proximity to AM4(A); the results from CKL2 are adopted as reference for the 24 TSP monitoring at AM4(A), which has similar environment when compared with that for CKL2.

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 Aug-22	Appendix F	