

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 ³ /min.)		Av. flow	Total vol.	Conc.
	Condition	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m ³ /min)	(m ³)	(µg/m ³)
5-Jul-22	Cloudy	3.3653	3.4853	0.1200	10241.5	10265.5	24.0	1.21	1.21	1.21	1747.9	68.7
9-Jul-22	Sunny	3.3412	3.5295	0.1883	10265.5	10289.5	24.0	1.21	1.21	1.21	1745.5	107.9
13-Jul-22	Sunny	3.3174	3.3725	0.0551	10289.5	10313.5	24.0	1.21	1.21	1.21	1743.9	31.6
19-Jul-22	Sunny	3.3180	3.4023	0.0843	10313.5	10337.5	24.0	1.21	1.21	1.21	1745.5	48.3
25-Jul-22	Sunny	3.3040	3.4163	0.1123	10337.5	10361.5	24.0	1.21	1.21	1.21	1743.8	64.4
30-Jul-22	Sunny	3.3708	3.3877	0.0169	10361.5	10385.5	24.0	1.21	1.21	1.21	1744.2	9.7
											Min	9.7
											Max	107.9
											Average	55.1

Location AM2 - Sai Tso Wan Recreation Ground

Start Date	Weather	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m ³ /min.)		Av. flow	Total vol.	Conc.
	Condition	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m ³ /min)	(m ³)	(µg/m ³)
5-Jul-22	Cloudy	3.3473	3.4142	0.0669	31362.8	31386.8	24.0	1.21	1.21	1.21	1746.8	38.3
9-Jul-22	Sunny	3.3522	3.3838	0.0316	31386.8	31410.8	24.0	1.21	1.21	1.21	1744.2	18.1
13-Jul-22	Sunny	3.3178	3.3320	0.0142	31410.8	31434.8	24.0	1.21	1.21	1.21	1742.5	8.1
19-Jul-22	Sunny	3.3136	3.3649	0.0513	31434.8	31458.8	24.0	1.21	1.21	1.21	1744.3	29.4
25-Jul-22	Sunny	3.3050	3.3703	0.0653	31458.8	31483.1	24.3	1.21	1.21	1.21	1763.4	37.0
30-Jul-22	Sunny	3.3183	3.4360	0.1177	31483.1	31507.1	24.0	1.21	1.21	1.21	1743.6	67.5
											Min	8.1
											Max	67.5
											Average	33.1

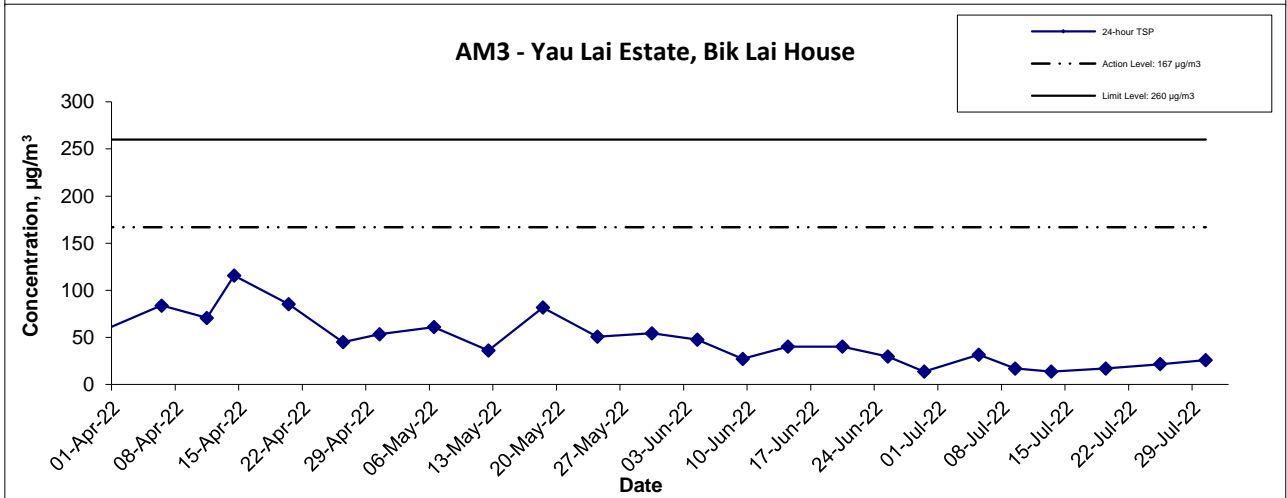
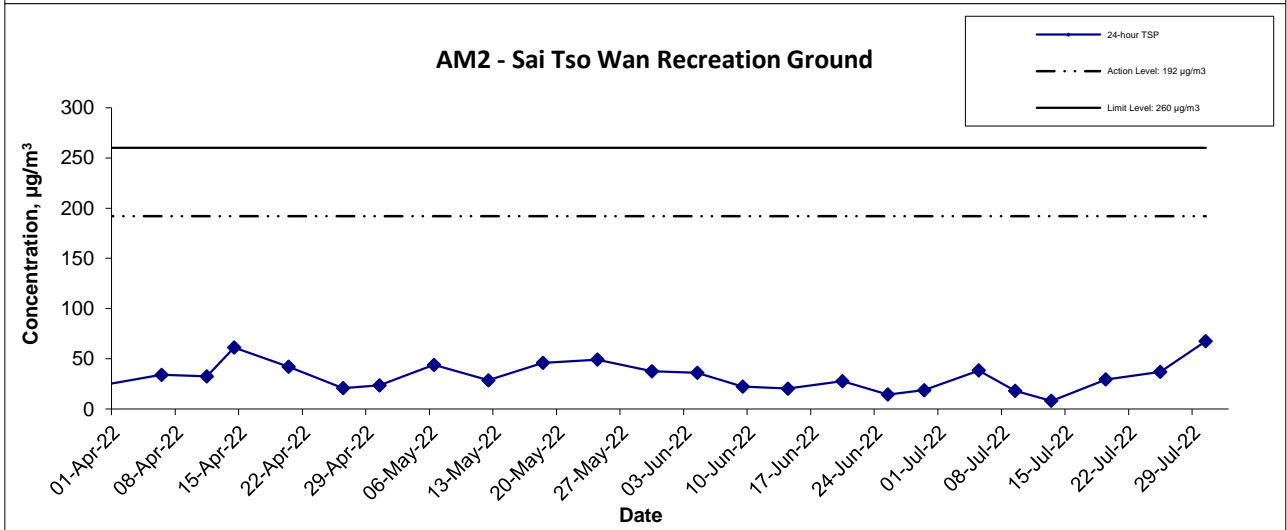
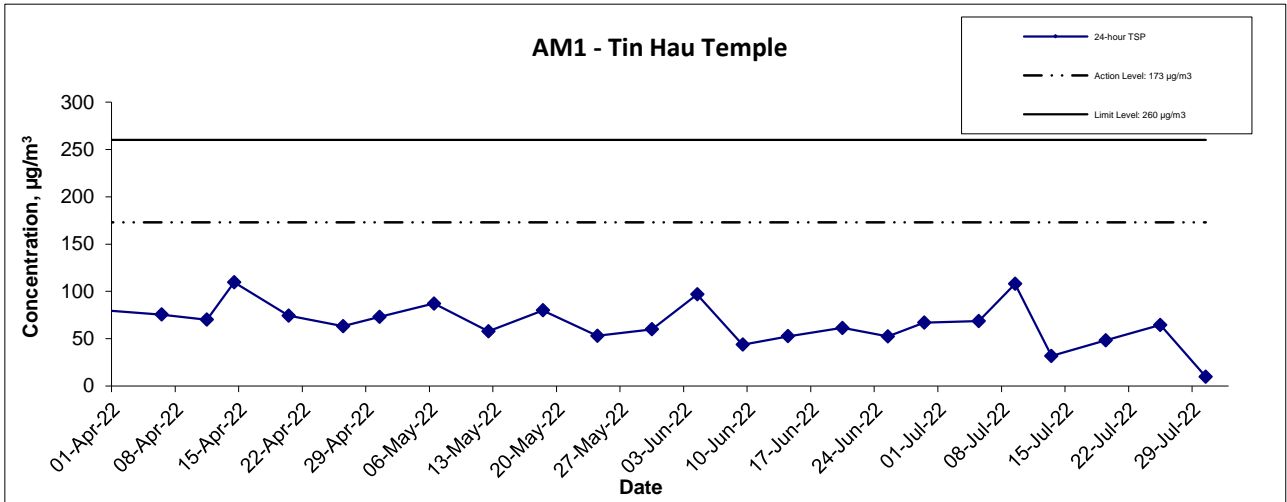
Location AM3 - Yau Lai Estate, Bik Lai House

Start Date	Weather	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m ³ /min.)		Av. flow	Total vol.	Conc.
	Condition	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m ³ /min)	(m ³)	(µg/m ³)
5-Jul-22	Cloudy	3.3730	3.4288	0.0558	5705.5	5729.6	24.1	1.21	1.21	1.21	1754.6	31.8
9-Jul-22	Sunny	3.3452	3.3751	0.0299	5729.6	5753.6	24.0	1.21	1.21	1.21	1744.7	17.1
13-Jul-22	Sunny	2.6830	2.7070	0.0240	5753.6	5777.6	24.0	1.21	1.21	1.21	1743.1	13.8
19-Jul-22	Sunny	3.3178	3.3474	0.0296	5777.6	5801.6	24.0	1.21	1.21	1.21	1744.8	17.0
25-Jul-22	Sunny	3.3177	3.3554	0.0377	5801.6	5825.6	24.0	1.21	1.21	1.21	1742.3	21.6
30-Jul-22	Sunny	3.3123	3.3574	0.0451	5825.6	5849.6	24.0	1.21	1.21	1.21	1743.4	25.9
											Min	13.8
											Max	31.8
											Average	20.7

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

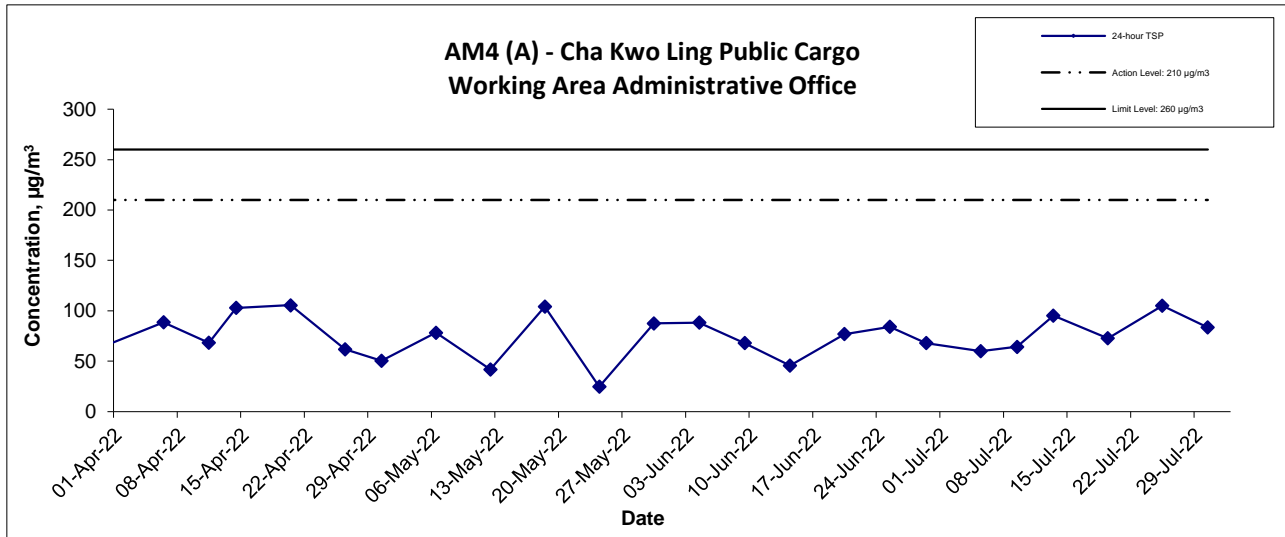
Start Date	Weather	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m ³ /min.)		Av. flow	Total vol.	Conc.
	Condition	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m ³ /min)	(m ³)	(µg/m ³)
5-Jul-22	Cloudy	3.3490	3.4531	0.1040	16719.7	16743.7	24.0	1.21	1.21	1.21	1737.8	59.9
9-Jul-22	Sunny	3.3889	3.5014	0.1125	16743.7	16767.7	24.0	1.22	1.22	1.22	1752.0	64.2
13-Jul-22	Sunny	3.3104	3.4771	0.1666	16767.7	16791.7	24.0	1.22	1.22	1.22	1750.6	95.2
19-Jul-22	Sunny	3.3745	3.5019	0.1275	16791.7	16815.7	24.0	1.22	1.22	1.22	1752.1	72.7
25-Jul-22	Sunny	3.3693	3.5530	0.1838	16815.7	16839.7	24.0	1.21	1.22	1.22	1750.5	105.0
30-Jul-22	Sunny	3.3182	3.4645	0.1463	16839.7	16863.7	24.0	1.22	1.21	1.22	1750.8	83.5
											Min	59.9
											Max	105.0
											Average	80.1

*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.



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	CINOTECH
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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.

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