

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-Jun-23	Rainy	3.3047	3.4302	0.1255	11874.6	11898.6	24.0	1.21	1.21	1.21	1740.9	72.1
10-Jun-23	Fine	3.3108	3.3377	0.0269	11898.6	11922.6	24.0	1.21	1.21	1.21	1735.9	15.5
16-Jun-23	Rainy	3.3225	3.3456	0.0231	11922.6	11946.6	24.0	1.23	1.23	1.23	1767.6	13.1
21-Jun-23	Rainy	3.3950	3.4187	0.0237	11946.6	11970.6	24.0	1.22	1.22	1.22	1757.8	13.5
27-Jun-23	Sunny	3.3503	3.3954	0.0451	11970.6	11994.6	24.0	1.22	1.22	1.22	1761.3	25.6
											Min	13.1
											Max	72.1
											Average	27.9

Location AM2 - Sai Tso Wan Recreation Ground

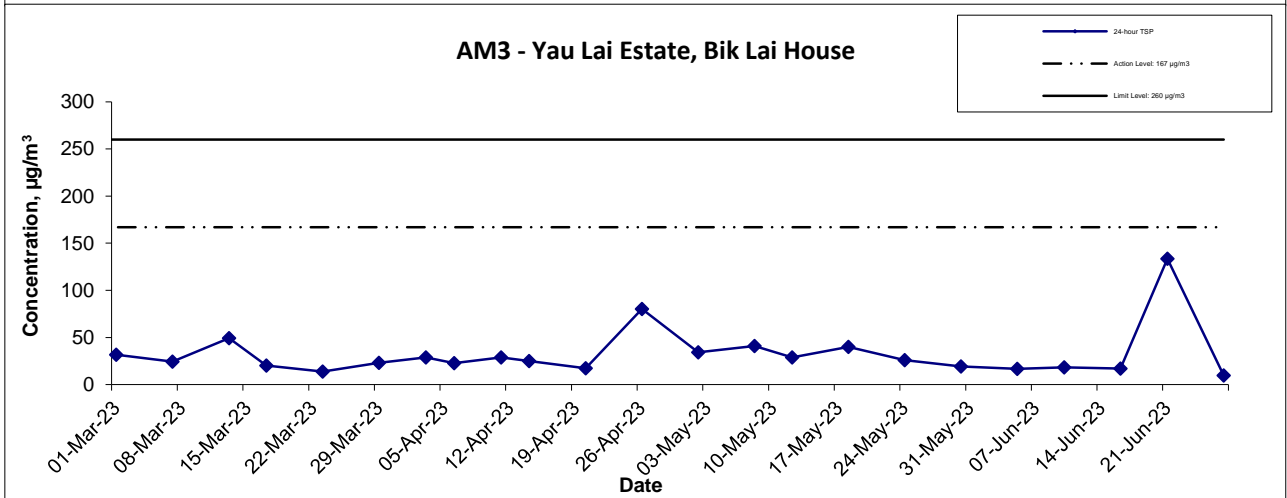
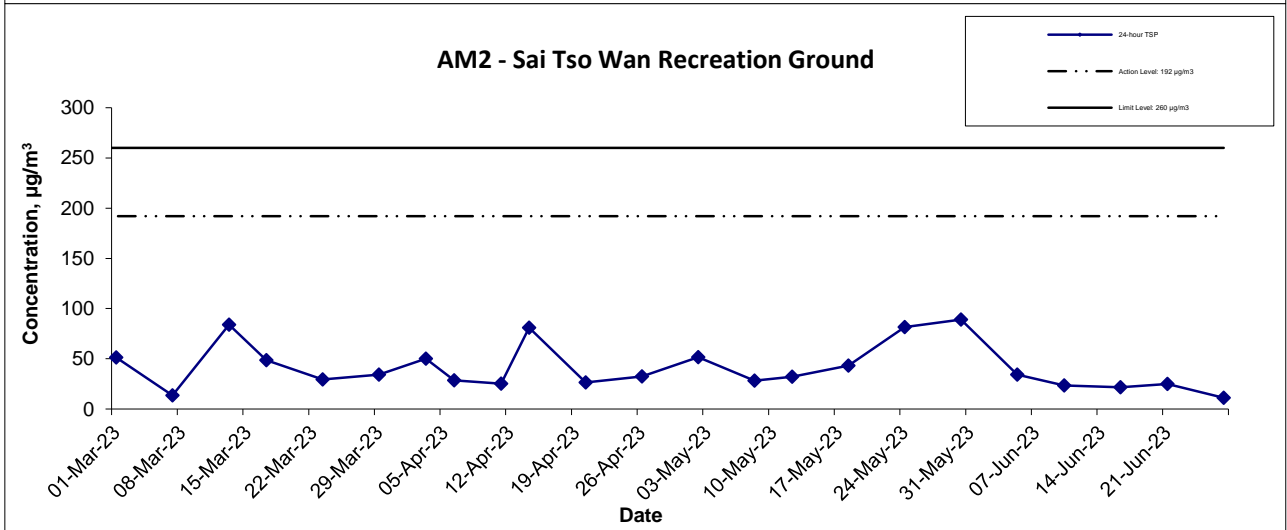
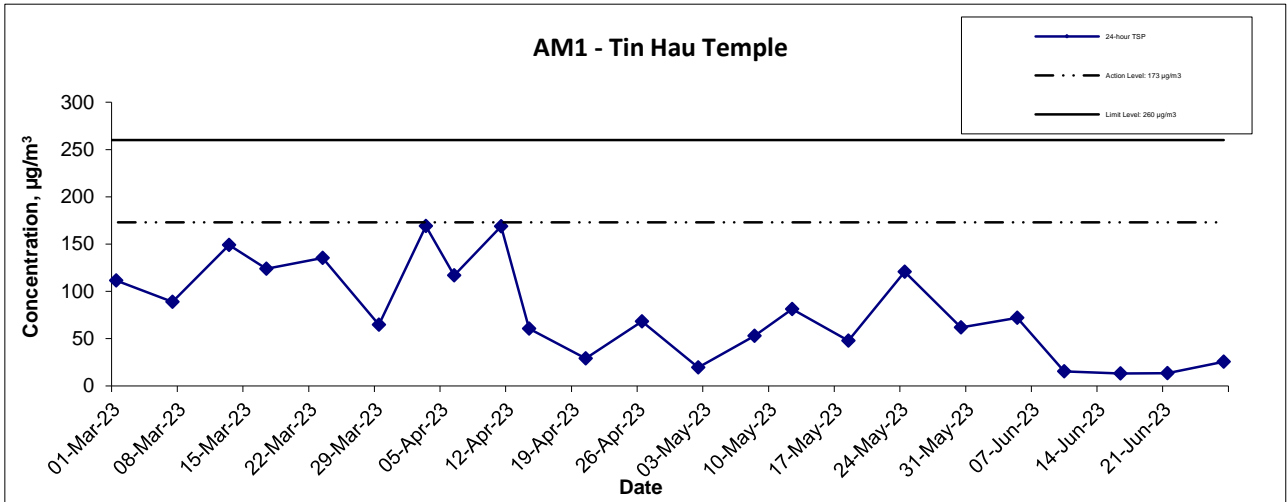
Start Date	Weather	Filter Weight (g)		Particulate	Elapse Time		Sampling	Flow Rate (m ³ /min.)		Av. flow	Total vol.	Conc.
	Condition	Initial	Final	Weight (g)	Initial	Final	Time(hrs.)	Initial	Final	(m ³ /min)	(m ³)	(µg/m ³)
5-Jun-23	Fine	3.3326	3.3923	0.0597	32944.7	32968.7	24.0	1.21	1.21	1.21	1739.1	34.3
10-Jun-23	Cloudy	3.3662	3.4066	0.0404	32968.7	32992.7	24.0	1.20	1.20	1.20	1733.2	23.3
16-Jun-23	Rainy	3.2864	3.3249	0.0385	32992.7	33016.7	24.0	1.23	1.23	1.23	1767.8	21.8
21-Jun-23	Rainy	3.3405	3.3845	0.0440	33016.7	33040.7	24.0	1.22	1.22	1.22	1757.0	25.0
27-Jun-23	Sunny	3.3855	3.4054	0.0199	33040.7	33064.7	24.0	1.22	1.22	1.22	1760.8	11.3
											Min	11.3
											Max	34.3
											Average	23.2

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-Jun-23	Rainy	3.3326	3.3615	0.0289	7173.7	7197.7	24.0	1.21	1.21	1.21	1740.2	16.6
10-Jun-23	Fine	3.3615	3.3930	0.0315	7197.7	7221.7	24.0	1.20	1.20	1.20	1734.4	18.2
16-Jun-23	Rainy	3.3468	3.3766	0.0298	7221.7	7245.7	24.0	1.23	1.23	1.23	1767.9	16.9
21-Jun-23	Cloudy	3.3348	3.5695	0.2347	7245.7	7269.7	24.0	1.22	1.22	1.22	1756.6	133.6
27-Jun-23	Fine	3.3842	3.4014	0.0172	7293.7	7317.7	24.0	1.22	1.22	1.22	1760.6	9.8
											Min	9.8
											Max	133.6
											Average	39.0

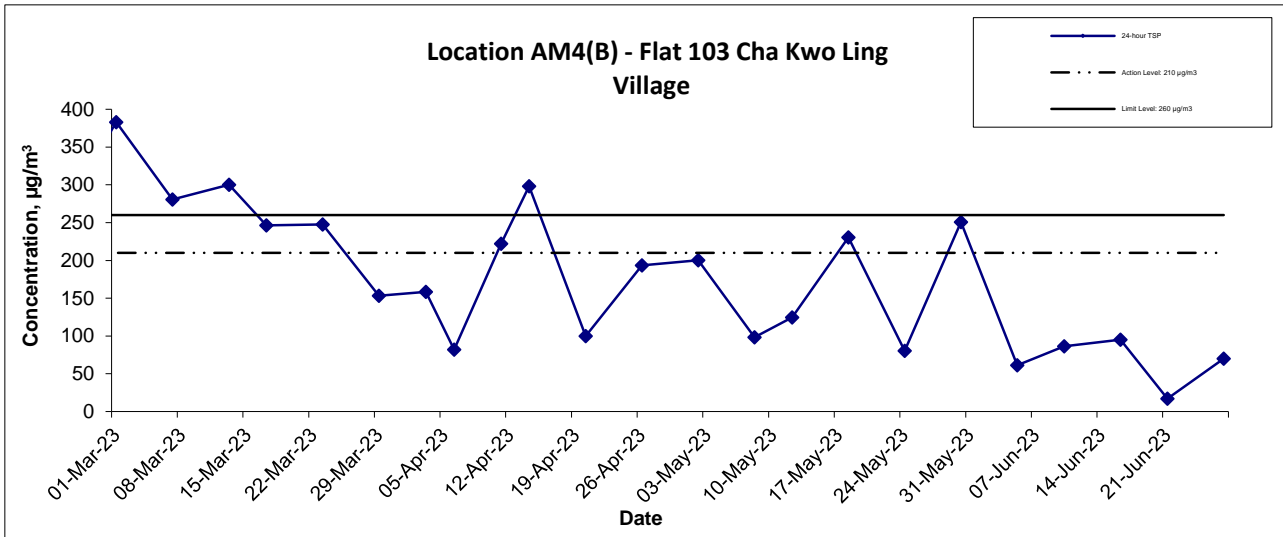
Location AM4(B) - Flat 103 Cha Kwo Ling Village

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-Jun-23	Cloudy	3.3492	3.4543	0.1051	18600.3	18624.3	24.0	1.19	1.19	1.19	1714.2	61.3
10-Jun-23	Fine	3.3574	3.5052	0.1478	18624.3	18648.3	24.0	1.19	1.19	1.19	1709.3	86.5
16-Jun-23	Rainy	3.2950	3.4586	0.1636	18648.3	18672.3	24.0	1.19	1.20	1.20	1720.8	95.1
21-Jun-23	Cloudy	3.3042	3.3333	0.0291	18696.5	18720.5	24.0	1.19	1.19	1.19	1711.2	17.0
27-Jun-23	Fine	3.2922	3.4120	0.1198	18720.5	18744.5	24.0	1.19	1.19	1.19	1714.6	69.9
											Min	17.0
											Max	95.1
											Average	65.9



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
	Date Jun-23	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 2.18.

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