



Location: CMA2a - Causeway Bay Community Centre

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 169.5

Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Apr-21	08:00	Cloudy	CMA2a 24hr_007628	2.9206	3.0965	3743.20	3767.20	24.00	1.36	1.36	1.36	1955	90.0
05-May-21	08:00	Cloudy	CMA2a 24hr_007638	2.9366	3.1468	3770.20	3794.20	24.00	1.35	1.36	1.36	1953	107.6
12-May-21	12:00	Cloudy	CMA2a 24hr_007657	2.9307	2.9907	3799.20	3823.20	24.00	1.15	1.15	1.15	1661	36.1
17-May-21	12:00	Cloudy	CMA2a 24hr_007692	2.9251	2.9711	3823.20	3847.20	24.00	1.03	1.03	1.03	1486	30.9
22-May-21	12:00	Cloudy	CMA2a 24hr_007670	2.8969	2.9315	3850.20	3874.20	24.00	1.03	1.03	1.03	1483	23.3

Remarks: Due to the electricity interruption, 24-hr TSP monitoring was rescheduled from 11 May 2021 to 12 May 2021

Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 323.4

Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
30-Apr-21	08:20	Cloudy	CMA2a 1hr_1_007635	2.9516	2.9664	3767.20	3768.20	1.00	1.36	1.36	1.36	81	181.9
30-Apr-21	09:24	Cloudy	CMA2a 1hr_2_007637	2.9358	2.9471	3768.20	3769.20	1.00	1.36	1.36	1.36	81	138.9
30-Apr-21	10:29	Cloudy	CMA2a 1hr_3_007639	2.9185	2.9340	3769.20	3770.20	1.00	1.36	1.36	1.36	81	190.5
06-May-21	08:27	Cloudy	CMA2a 1hr_1_007619	2.9304	2.9403	3794.20	3795.20	1.00	1.36	1.36	1.36	81	121.5
06-May-21	09:33	Cloudy	CMA2a 1hr_2_007673	2.8980	2.9076	3795.20	3796.20	1.00	1.36	1.36	1.36	81	117.8
06-May-21	10:37	Cloudy	CMA2a 1hr_3_007648	2.8848	2.8937	3796.20	3797.20	1.00	1.36	1.36	1.36	81	109.2
12-May-21	08:45	Cloudy	CMA2a 1hr_1_007649	2.8888	2.9020	3797.20	3798.20	1.00	1.15	1.15	1.15	69	190.8
12-May-21	09:47	Cloudy	CMA2a 1hr_2_007655	2.9133	2.9176	3797.20	3798.20	1.00	1.15	1.15	1.15	69	62.1
12-May-21	10:50	Cloudy	CMA2a 1hr_3_007656	2.9245	2.9282	3798.20	3799.20	1.00	1.15	1.15	1.15	69	53.5
18-May-21	08:45	Cloudy	CMA2a 1hr_1_005500	2.6867	2.6901	3847.20	3848.20	1.00	1.03	1.03	1.03	62	54.9
18-May-21	09:47	Cloudy	CMA2a 1hr_2_007667	2.8809	2.8843	3848.20	3849.20	1.00	1.03	1.03	1.03	62	54.9
18-May-21	10:50	Cloudy	CMA2a 1hr_3_007668	2.8988	2.9023	3849.20	3850.20	1.00	1.03	1.03	1.03	62	56.5
24-May-21	08:15	Cloudy	CMA2a 1hr_1_005401	2.6993	2.7036	3874.20	3875.20	1.00	1.03	1.03	1.03	62	69.4
24-May-21	09:17	Cloudy	CMA2a 1hr_2_005402	2.6853	2.6904	3875.20	3876.20	1.00	1.03	1.03	1.03	62	82.3
24-May-21	10:19	Cloudy	CMA2a 1hr_3_005403	2.6960	2.7019	3876.20	3877.20	1.00	1.03	1.03	1.03	62	95.2

*Remark: Due to electricity interruption of the elapsed-time meter, final reading of elapse time in the first round of 1-hour TSP monitoring was intervened, but 1hour TSP sampling was still conducted.



Location: MA1b - Harbour Building

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 173.4
 Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Apr-21	08:00	Cloudy	MA1b 24hr 007631	2.9221	3.0300	8667.31	8691.31	24.00	1.20	1.20	1.20	1732	62.3
05-May-21	08:00	Cloudy	MA1b 24hr 007643	2.8965	3.0426	8694.31	8718.31	24.00	1.20	1.20	1.20	1731	84.4
11-May-21	08:00	Cloudy	MA1b 24hr 007653	2.9408	2.9859	8721.31	8745.31	24.00	0.82	0.82	0.82	1184	38.1
17-May-21	08:00	Cloudy	MA1b 24hr 007664	2.9186	2.9586	8748.31	8772.31	24.00	0.82	0.82	0.82	1183	33.8
22-May-21	08:00	Cloudy	MA1b 24hr 005497	2.6686	2.7055	8775.31	8799.31	24.00	0.82	0.82	0.82	1179	31.3

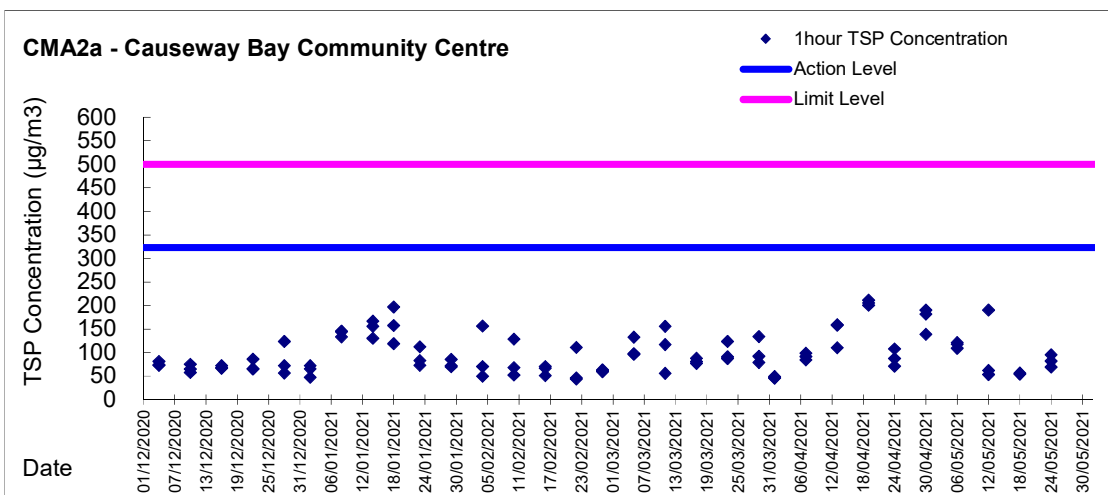
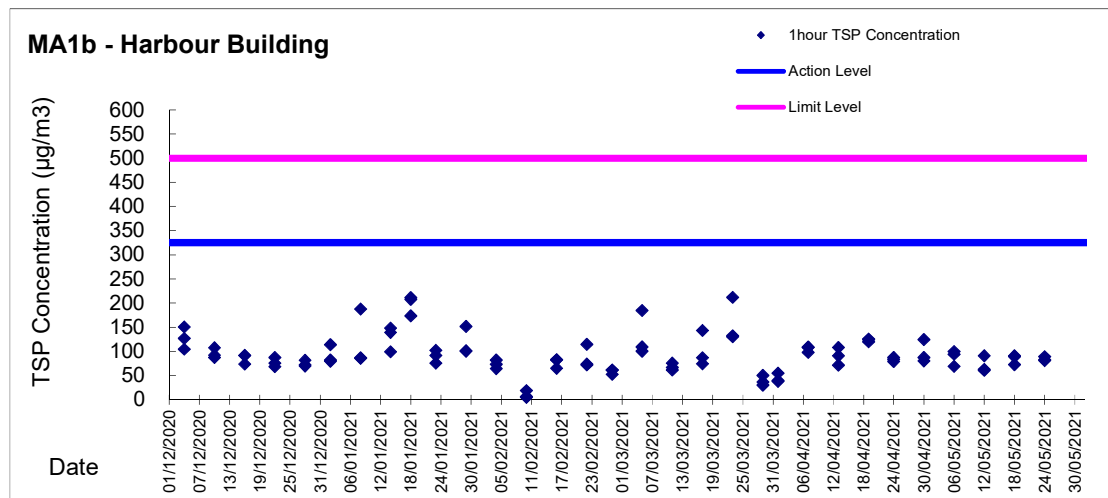
Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 325.1
 Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
30-Apr-21	13:00	Cloudy	MA1b 1hr 1 007641	2.9134	2.9224	8691.31	8692.31	1.00	1.20	1.20	1.20	72	124.9
30-Apr-21	14:03	Cloudy	MA1b 1hr 2 007640	2.9206	2.9269	8692.31	8693.31	1.00	1.20	1.20	1.20	72	87.4
30-Apr-21	15:06	Cloudy	MA1b 1hr 3 007642	2.9072	2.9130	8693.31	8694.31	1.00	1.20	1.20	1.20	72	80.5
06-May-21	13:29	Cloudy	MA1b 1hr 1 007650	2.8973	2.9045	8718.31	8719.31	1.00	1.20	1.20	1.20	72	99.7
06-May-21	14:33	Cloudy	MA1b 1hr 2 007651	2.8955	2.9023	8719.31	8720.31	1.00	1.20	1.20	1.20	72	94.2
06-May-21	15:37	Cloudy	MA1b 1hr 3 007652	2.8950	2.9000	8720.31	8721.31	1.00	1.20	1.20	1.20	72	69.2
12-May-21	08:20	Cloudy	MA1b 1hr 1 007661	2.9329	2.9359	8745.31	8746.31	1.00	0.82	0.82	0.82	49	60.8
12-May-21	09:25	Cloudy	MA1b 1hr 2 007662	2.9341	2.9372	8746.31	8747.31	1.00	0.82	0.82	0.82	49	62.9
12-May-21	10:30	Cloudy	MA1b 1hr 3 007663	2.9165	2.9210	8747.31	8748.31	1.00	0.82	0.82	0.82	49	91.3
18-May-21	08:20	Cloudy	MA1b 1hr 1 007671	2.8918	2.8954	8772.31	8773.31	1.00	0.82	0.82	0.82	49	73.1
18-May-21	09:25	Cloudy	MA1b 1hr 2 007672	2.9011	2.9056	8773.31	8774.31	1.00	0.82	0.82	0.82	49	91.3
18-May-21	10:30	Cloudy	MA1b 1hr 3 005499	2.6719	2.6763	8774.31	8775.31	1.00	0.82	0.82	0.82	49	89.3
24-May-21	13:00	Cloudy	MA1b 1hr 1 005405	2.6820	2.6861	8799.31	8800.31	1.00	0.82	0.82	0.82	49	83.1
24-May-21	14:02	Cloudy	MA1b 1hr 2 005406	2.6918	2.6958	8800.31	8801.31	1.00	0.82	0.82	0.82	49	81.1
24-May-21	15:04	Cloudy	MA1b 1hr 3 005409	2.7001	2.7045	8801.31	8802.31	1.00	0.82	0.82	0.82	49	89.2



Graphic Presentation of 1 hour TSP Result



Graphic Presentation of 24 hour TSP Result

