

APPENDIX D AIR QUALITY MONITORING RESULTS

Site: Lamma Power Station Extension

Month: August 2025

24 hour TSP Measurement:-

Date	TSP concentration ($\mu\text{g}/\text{m}^3$)				Weather Information (From Hong Kong Observatory)		
	Reservoir (AM1)	East Gate (AM2)	Ash Lagoon (AM3)	Tai Yuen Village (AM4)	Mean Wind Speed (km/hr)	Prevailing Wind Dir. (°)	Mean R.H. (%)
1/8/2025	34	40	24	13	21.1	230	79
7/8/2025	31	50	36	22	5.6	180	80
13/8/2025	26	39	23	19	20.0	250	77
19/8/2025	25	28	29	28	18.5	110	94
25/8/2025	20	33	16	13	22.3	80	76
31/8/2025	13	15	14	8	15.6	80	75

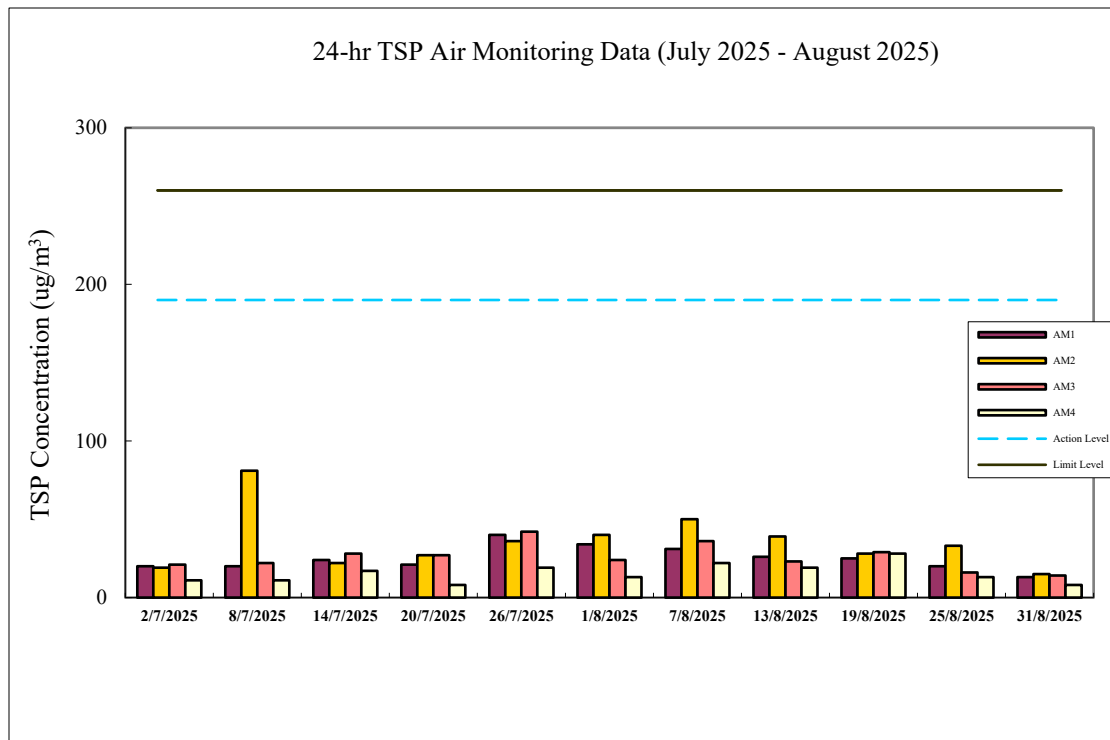
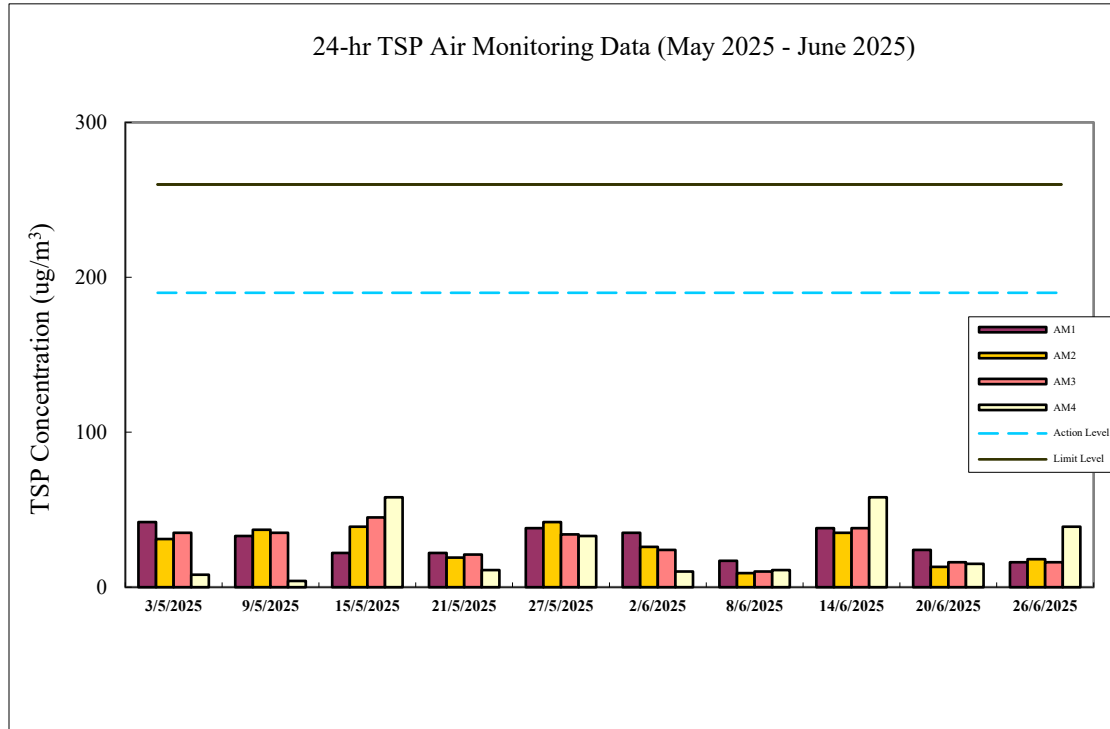
1 hour TSP Measurement:-

Date	Time	TSP concentration ($\mu\text{g}/\text{m}^3$)		
		Reservoir (AM1)	East Gate (AM2)	Ash Lagoon (AM3)
1/8/2025	15:00 - 15:59	31	46	18
	16:00 - 16:59	32	42	26
	17:00 - 17:59	32	40	14
7/8/2025	15:00 - 15:59	24	94	36
	16:00 - 16:59	33	180	39
	17:00 - 17:59	36	123	31
13/8/2025	15:00 - 15:59	34	54	19
	16:00 - 16:59	35	57	21
	17:00 - 17:59	39	49	33
19/8/2025	15:00 - 15:59	31	39	36
	16:00 - 16:59	36	33	19
	17:00 - 17:59	24	23	9
25/8/2025	15:00 - 15:59	30	72	42
	16:00 - 16:59	35	69	40
	17:00 - 17:59	19	38	13
31/8/2025	15:00 - 15:59	17	20	23
	16:00 - 16:59	20	20	16
	17:00 - 17:59	14	20	21

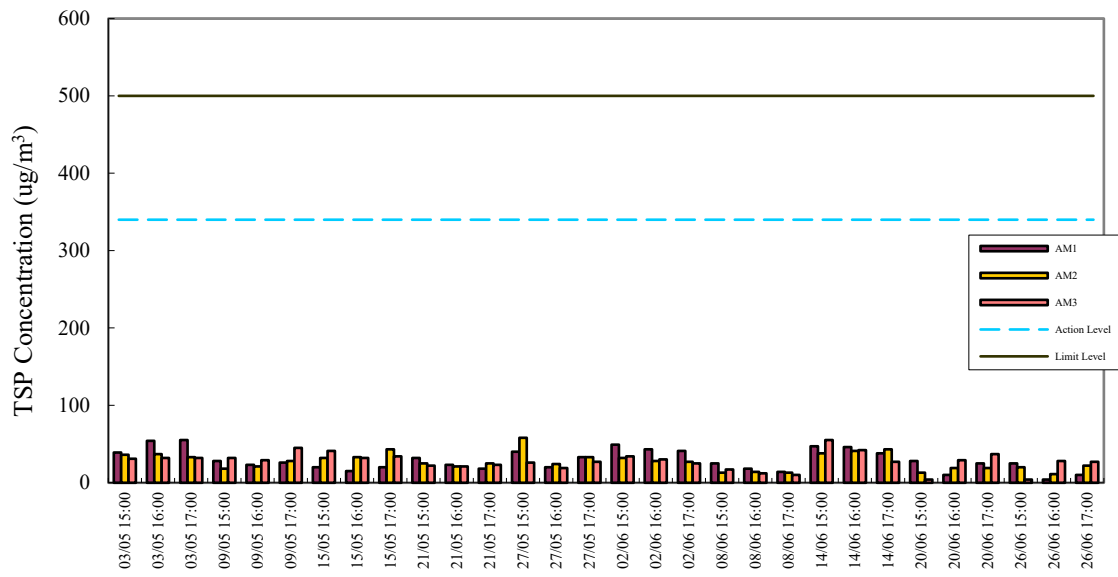
	1-hr TSP ($\mu\text{g}/\text{m}^3$)	24-hr TSP ($\mu\text{g}/\text{m}^3$)
Action Level	340	190
Limit Level	500	260
Calibration:	Calibration details are shown in appendix F.	

Equipment used:

Location	1-hr TSP	24-hr TSP
Reservoir, East Gate and Ash Lagoon	TEOM	TEOM
Tai Yuen Village	-	MINIVOL Portable Sampler



1-hr TSP Air Monitoring Data (May 2025 - June 2025)



1-hr TSP Air Monitoring Data (July 2025 - August 2025)

