

Appendix A3 - Baseline Air Quality Monitoring Results

AM1 - Tseung Kong Wai

1-hour TSP ($\mu\text{g}/\text{m}^3$)					
Date	Weather	Start Time	1st Hour	2nd Hour	3rd Hour
24-Jun-24	Cloudy	8:45	7.0	7.0	9.0
25-Jun-24	Rainy	8:45	11.0	11.0	8.0
26-Jun-24	Fine	8:45	52.0	50.0	44.0
27-Jun-24	Fine	8:45	16.0	14.0	12.0
28-Jun-24	Fine	8:45	12.0	14.0	17.0
29-Jun-24	Fine	8:45	17.0	18.0	20.0
30-Jun-24	Fine	8:45	13.0	11.0	11.0
1-Jul-24	Fine	8:45	24.0	25.0	35.0
2-Jul-24	Fine	8:45	29.0	30.0	31.0
3-Jul-24	Sunny	8:45	10.0	11.0	12.0
4-Jul-24	Sunny	8:45	19.0	13.0	23.0
5-Jul-24	Sunny	8:45	48.0	50.0	48.0
6-Jul-24	Sunny	8:45	19.0	14.0	11.0
7-Jul-24	Sunny	8:45	6.0	5.0	5.0
Average			20.0		
Min			5.0		
Max			52.0		

AM2 - Farm House

1-hour TSP ($\mu\text{g}/\text{m}^3$)					
Date	Weather	Start Time	1st Hour	2nd Hour	3rd Hour
24-Jun-24	Cloudy	8:30	8.0	8.0	8.0
25-Jun-24	Rainy	8:30	4.0	6.0	11.0
26-Jun-24	Fine	8:30	42.0	38.0	36.0
27-Jun-24	Fine	8:30	3.0	2.0	6.0
28-Jun-24	Fine	8:30	1.0	1.0	7.0
29-Jun-24	Fine	8:30	9.0	14.0	7.0
30-Jun-24	Fine	8:30	12.0	14.0	9.0
1-Jul-24	Fine	8:30	21.0	21.0	29.0
2-Jul-24	Fine	8:30	30.0	20.0	17.0
3-Jul-24	Sunny	8:30	7.0	7.0	12.0
4-Jul-24	Sunny	8:30	11.0	33.0	27.0
5-Jul-24	Sunny	8:30	39.0	40.0	49.0
6-Jul-24	Sunny	8:30	20.0	16.0	18.0
7-Jul-24	Sunny	8:30	5.0	10.0	10.0
Average			16.4		
Min			1.0		
Max			49.0		

AM3 - Planned Port Back-up, Storage and Workshop

1-hour TSP ($\mu\text{g}/\text{m}^3$)					
Date	Weather	Start Time	1st Hour	2nd Hour	3rd Hour
24-Jun-24	Cloudy	8:35	9.0	9.0	15.0
25-Jun-24	Rainy	8:35	17.0	11.0	14.0
26-Jun-24	Fine	8:35	36.0	38.0	42.0
27-Jun-24	Fine	8:35	19.0	19.0	18.0
28-Jun-24	Fine	8:35	10.0	11.0	13.0
29-Jun-24	Fine	8:35	25.0	20.0	22.0
30-Jun-24	Fine	8:35	15.0	10.0	7.0
1-Jul-24	Fine	8:35	34.0	33.0	40.0
2-Jul-24	Fine	8:35	36.0	27.0	26.0
3-Jul-24	Sunny	8:35	14.0	9.0	12.0
4-Jul-24	Sunny	8:35	20.0	22.0	15.0
5-Jul-24	Sunny	8:35	36.0	41.0	57.0
6-Jul-24	Sunny	8:35	14.0	14.0	16.0
7-Jul-24	Sunny	8:35	4.0	6.0	11.0
Average			20.6		
Min			4.0		
Max			57.0		