

Appendix C: Environmental Monitoring Results

Air Quality Monitoring

Air Quality Monitoring: 1-hour TSP Monitoring Results

AM1a - Tat Tung Road Garden

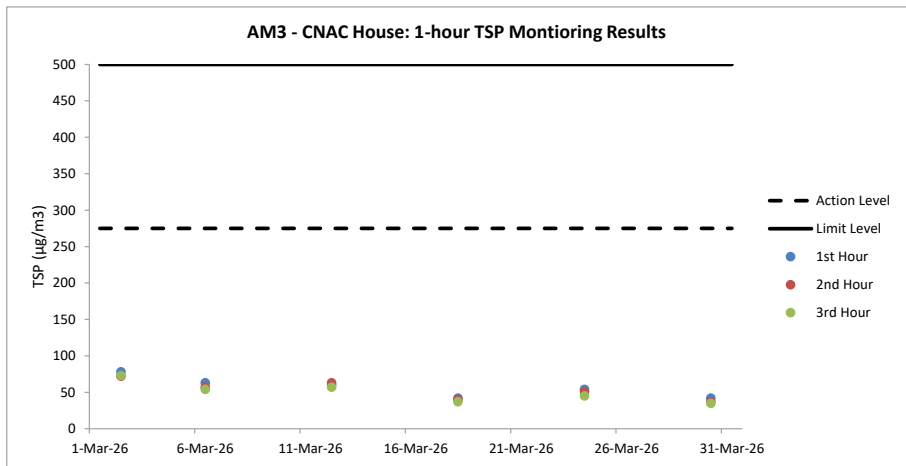
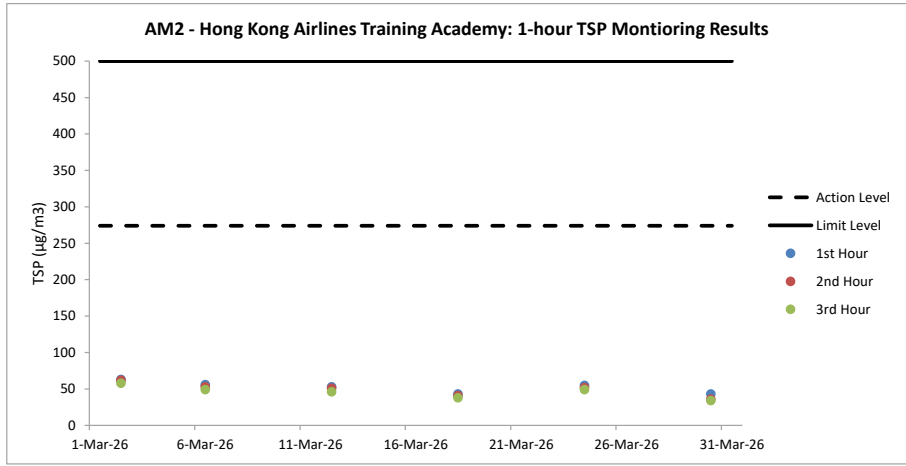
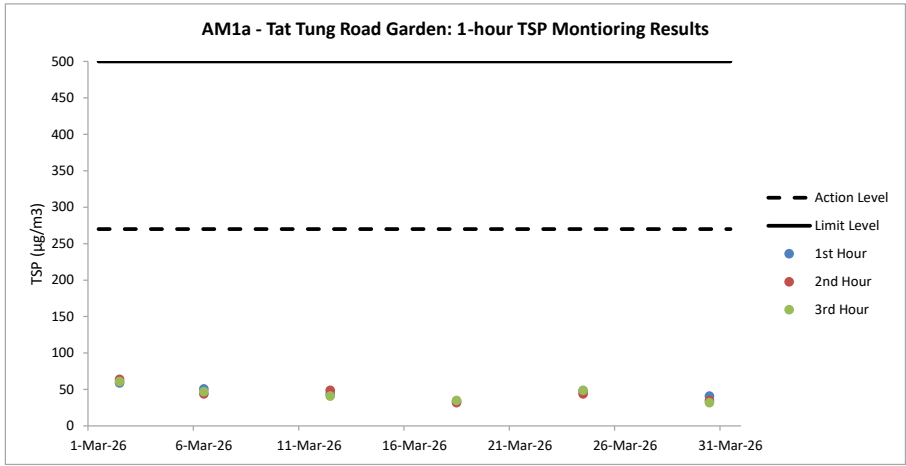
Date	Start Time	Finish Time	Weather Condition	TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
2-Mar-26	9:20	10:20	Cloudy	59	270	500
2-Mar-26	10:20	11:20	Cloudy	64	270	500
2-Mar-26	11:20	12:20	Cloudy	61	270	500
6-Mar-26	9:20	10:20	Fine	51	270	500
6-Mar-26	10:20	11:20	Fine	44	270	500
6-Mar-26	11:20	12:20	Fine	47	270	500
12-Mar-26	9:25	10:25	Sunny	44	270	500
12-Mar-26	10:25	11:25	Sunny	49	270	500
12-Mar-26	11:25	12:25	Sunny	41	270	500
18-Mar-26	9:30	10:30	Sunny	34	270	500
18-Mar-26	10:30	11:30	Sunny	32	270	500
18-Mar-26	11:30	12:30	Sunny	35	270	500
24-Mar-26	9:25	10:25	Sunny	48	270	500
24-Mar-26	10:25	11:25	Sunny	44	270	500
24-Mar-26	11:25	12:25	Sunny	49	270	500
30-Mar-26	13:52	14:52	Cloudy	41	270	500
30-Mar-26	14:52	15:52	Cloudy	35	270	500
30-Mar-26	15:52	16:52	Cloudy	32	270	500

AM2 - Hong Kong Airlines Training Academy

Date	Start Time	Finish Time	Weather Condition	TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
2-Mar-26	13:06	14:06	Cloudy	63	274	500
2-Mar-26	14:06	15:06	Cloudy	62	274	500
2-Mar-26	15:06	16:06	Cloudy	58	274	500
6-Mar-26	13:05	14:05	Fine	56	274	500
6-Mar-26	14:05	15:05	Fine	53	274	500
6-Mar-26	15:05	16:05	Fine	49	274	500
12-Mar-26	13:09	14:09	Sunny	53	274	500
12-Mar-26	14:09	15:09	Sunny	51	274	500
12-Mar-26	15:09	16:09	Sunny	46	274	500
18-Mar-26	13:10	14:10	Sunny	43	274	500
18-Mar-26	14:10	15:10	Sunny	41	274	500
18-Mar-26	15:10	16:10	Sunny	38	274	500
24-Mar-26	13:10	14:10	Sunny	55	274	500
24-Mar-26	14:10	15:10	Sunny	52	274	500
24-Mar-26	15:10	16:10	Sunny	49	274	500
30-Mar-26	10:02	11:02	Cloudy	43	274	500
30-Mar-26	11:02	12:02	Cloudy	36	274	500
30-Mar-26	12:02	13:02	Cloudy	34	274	500

AM3 - CNAC House

Date	Start Time	Finish Time	Weather Condition	TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
2-Mar-26	13:25	14:25	Cloudy	78	275	500
2-Mar-26	14:25	15:25	Cloudy	72	275	500
2-Mar-26	15:25	16:25	Cloudy	73	275	500
6-Mar-26	13:26	14:26	Fine	63	275	500
6-Mar-26	14:26	15:26	Fine	57	275	500
6-Mar-26	15:26	16:26	Fine	54	275	500
12-Mar-26	13:28	14:28	Sunny	60	275	500
12-Mar-26	14:28	15:28	Sunny	63	275	500
12-Mar-26	15:28	16:28	Sunny	57	275	500
18-Mar-26	13:28	14:28	Sunny	42	275	500
18-Mar-26	14:28	15:28	Sunny	40	275	500
18-Mar-26	15:28	16:28	Sunny	37	275	500
24-Mar-26	13:28	14:28	Sunny	54	275	500
24-Mar-26	14:28	15:28	Sunny	51	275	500
24-Mar-26	15:28	16:28	Sunny	45	275	500
30-Mar-26	10:20	11:20	Cloudy	42	275	500
30-Mar-26	11:20	12:20	Cloudy	37	275	500
30-Mar-26	12:20	13:20	Cloudy	35	275	500



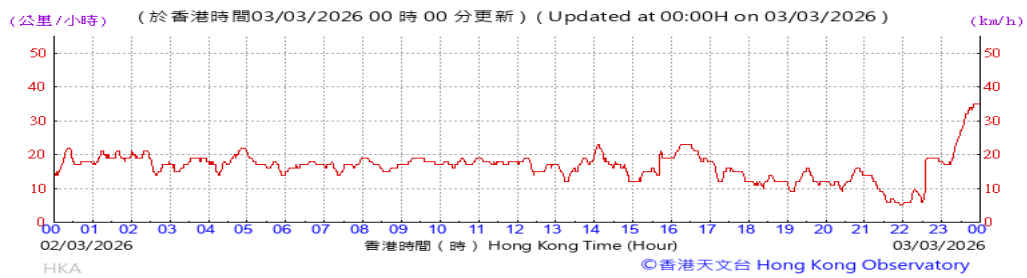
Appendix C – Extract of Wind Data for Chek Lap Kok Wind Station

2 March 2026

Wind Direction:

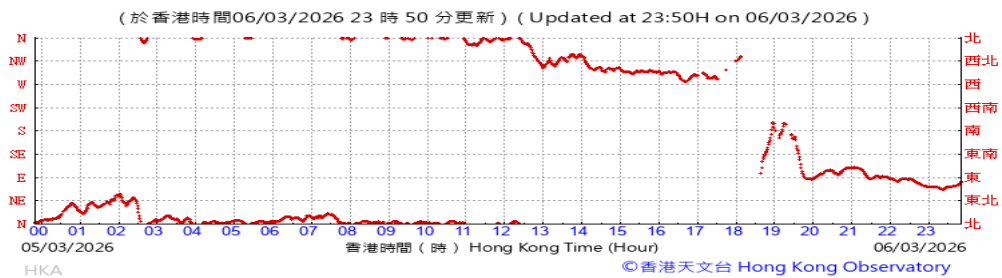


Wind Speed:

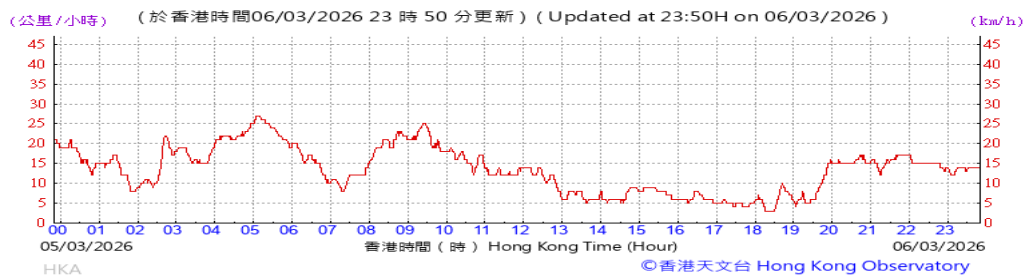


6 March 2026

Wind Direction:

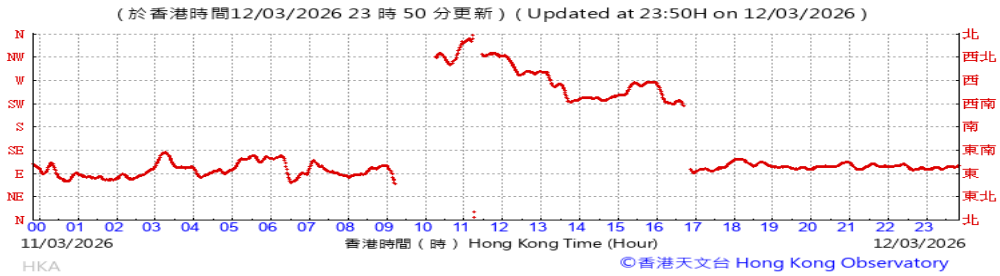


Wind Speed:



12 March 2026

Wind Direction:

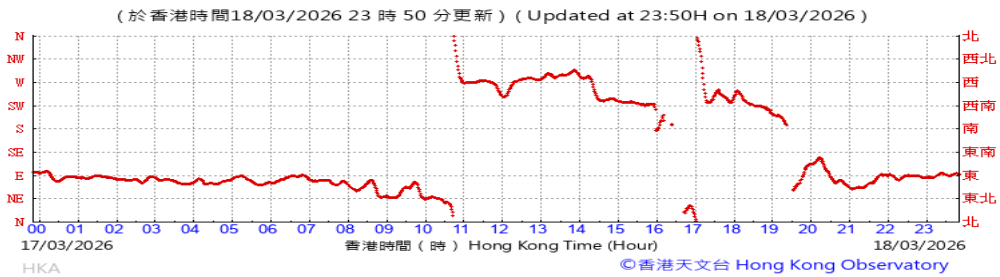


Wind Speed:



18 March 2026

Wind Direction:

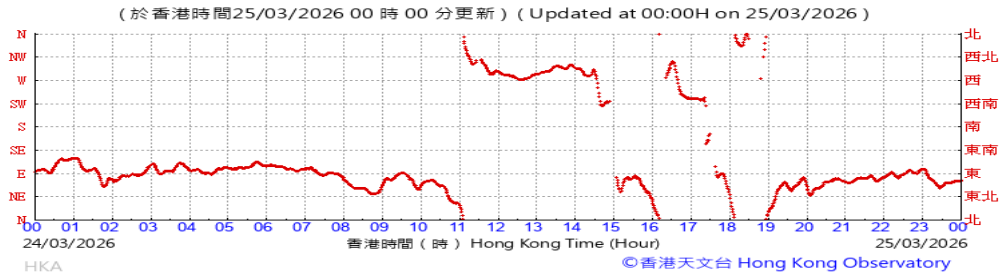


Wind Speed:

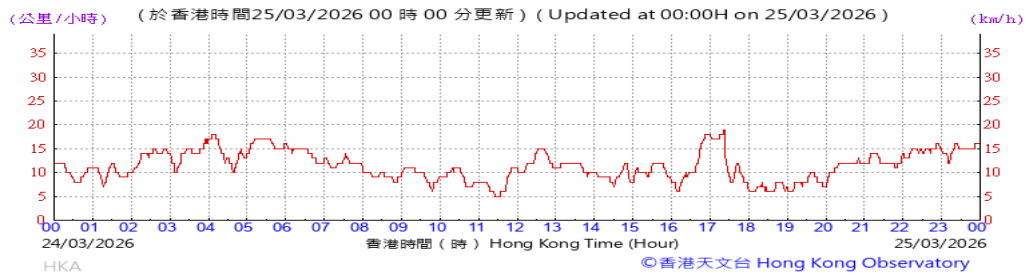


24 March 2026

Wind Direction:

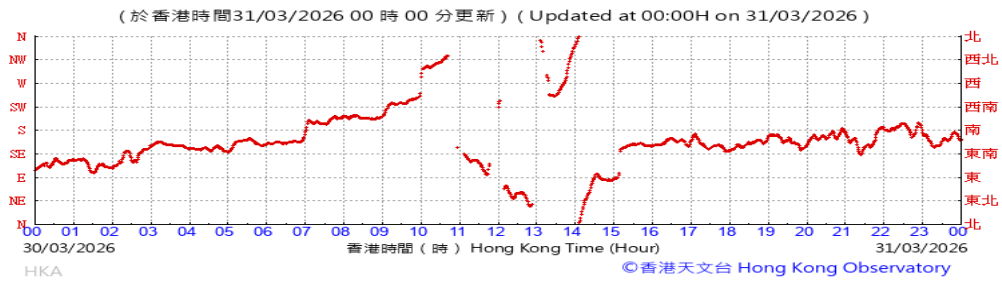


Wind Speed:



30 March 2026

Wind Direction:



Wind Speed:



Noise Monitoring

Noise Monitoring Results

NM1 - Seaview Crescent

Date	Weather	Time	Measured $L_{eq(5min)}$, dB(A)	Measured L_{10} , dB(A)	Measured L_{90} , dB(A)	Baseline $L_{eq(30min)}$, dB(A)	$L_{eq(30min)}$, dB(A)	Limit Level $L_{eq(30min)}$, dB(A)
5-Mar-26	Sunny	13:09	65.7	67.3	63.5	65.3	52*	75
5-Mar-26	Sunny	13:14	65.7	66.8	63.9			
5-Mar-26	Sunny	13:19	65.5	67.1	63.6			
5-Mar-26	Sunny	13:24	66.0	67.6	63.9			
5-Mar-26	Sunny	13:29	65.1	66.5	63.6			
5-Mar-26	Sunny	13:34	64.7	67.1	61.6	65.3	57*	75
11-Mar-26	Sunny	11:25	66.0	67.5	63.8			
11-Mar-26	Sunny	11:30	65.1	66.1	63.7			
11-Mar-26	Sunny	11:35	65.9	67.8	64.0			
11-Mar-26	Sunny	11:40	66.0	67.1	63.4			
11-Mar-26	Sunny	11:45	66.0	67.5	64.1	65.3	64	75
11-Mar-26	Sunny	11:50	66.2	67.8	64.0			
17-Mar-26	Cloudy	13:09	64.1	66.1	62.4			
17-Mar-26	Cloudy	13:14	65.5	67.5	63.2			
17-Mar-26	Cloudy	13:19	64.3	66.3	62.8			
17-Mar-26	Cloudy	13:24	65.5	67.3	63.3	65.3	65	75
17-Mar-26	Cloudy	13:29	63.0	66.8	60.2			
17-Mar-26	Cloudy	13:34	61.1	64.9	60.1			
23-Mar-26	Sunny	11:19	62.6	65.1	57.9			
23-Mar-26	Sunny	11:24	65.1	66.2	63.1			
23-Mar-26	Sunny	11:29	66.0	67.6	63.8			
23-Mar-26	Sunny	11:34	65.0	66.0	63.6			
23-Mar-26	Sunny	11:39	65.0	66.7	62.6			
23-Mar-26	Sunny	11:44	65.4	67.6	62.7			

* indicates measured noise level is higher than the baseline level and correction against baseline noise level was performed.

NM2 - Ling Liang Church E Wun Secondary School

Date	Weather	Time	Measured $L_{eq(5min)}$, dB(A)	Measured L_{10} , dB(A)	Measured L_{90} , dB(A)	Baseline $L_{eq(30min)}$, dB(A)	$L_{eq(30min)}$, dB(A)	Limit Level $L_{eq(30min)}$, dB(A)
5-Mar-26	Sunny	13:09	65.7	67.3	63.5	65.0	65	70
5-Mar-26	Sunny	13:14	65.7	66.8	63.9			
5-Mar-26	Sunny	13:19	65.5	67.1	63.6			
5-Mar-26	Sunny	13:24	66.0	67.6	63.9			
5-Mar-26	Sunny	13:29	65.1	66.5	63.6			
5-Mar-26	Sunny	13:34	64.7	67.1	61.6	65.0	65	70
11-Mar-26	Sunny	11:25	66.0	67.5	63.8			
11-Mar-26	Sunny	11:30	65.1	66.1	63.7			
11-Mar-26	Sunny	11:35	65.9	67.8	64.0			
11-Mar-26	Sunny	11:40	66.0	67.1	63.4			
11-Mar-26	Sunny	11:45	66.0	67.5	64.1	65.0	64	70
11-Mar-26	Sunny	11:50	66.2	67.8	64.0			
17-Mar-26	Cloudy	13:09	64.1	66.1	62.4			
17-Mar-26	Cloudy	13:14	65.5	67.5	63.2			
17-Mar-26	Cloudy	13:19	64.3	66.3	62.8			
17-Mar-26	Cloudy	13:24	65.5	67.3	63.3	65.0	64	65 [^]
17-Mar-26	Cloudy	13:29	63.0	66.8	60.2			
17-Mar-26	Cloudy	13:34	61.1	64.9	60.1			
23-Mar-26	Sunny	11:19	62.6	65.1	57.9			
23-Mar-26	Sunny	11:24	65.1	66.2	63.1			
23-Mar-26	Sunny	11:29	66.0	67.6	63.8			
23-Mar-26	Sunny	11:34	65.0	66.0	63.6			
23-Mar-26	Sunny	11:39	65.0	66.7	62.6			
23-Mar-26	Sunny	11:44	65.4	67.6	62.7			

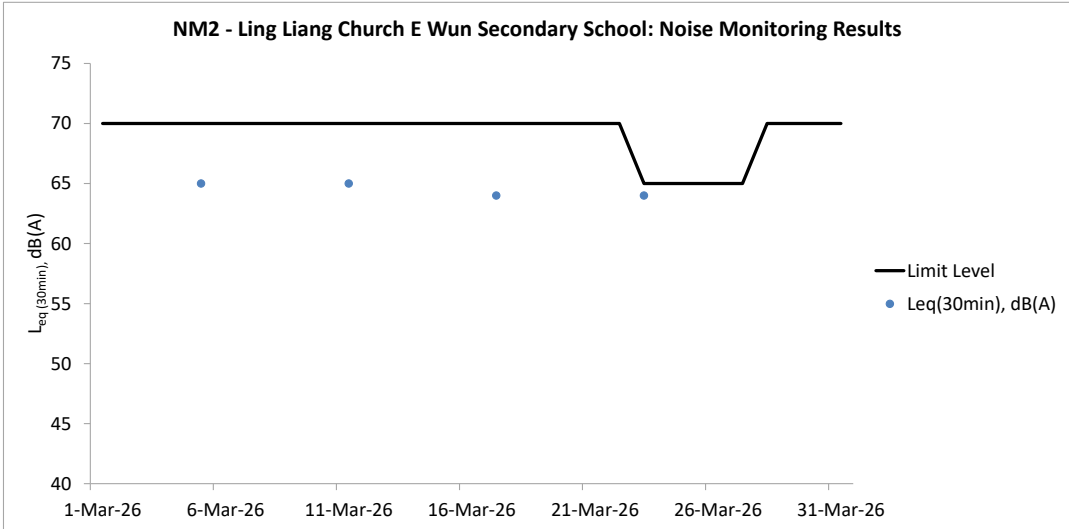
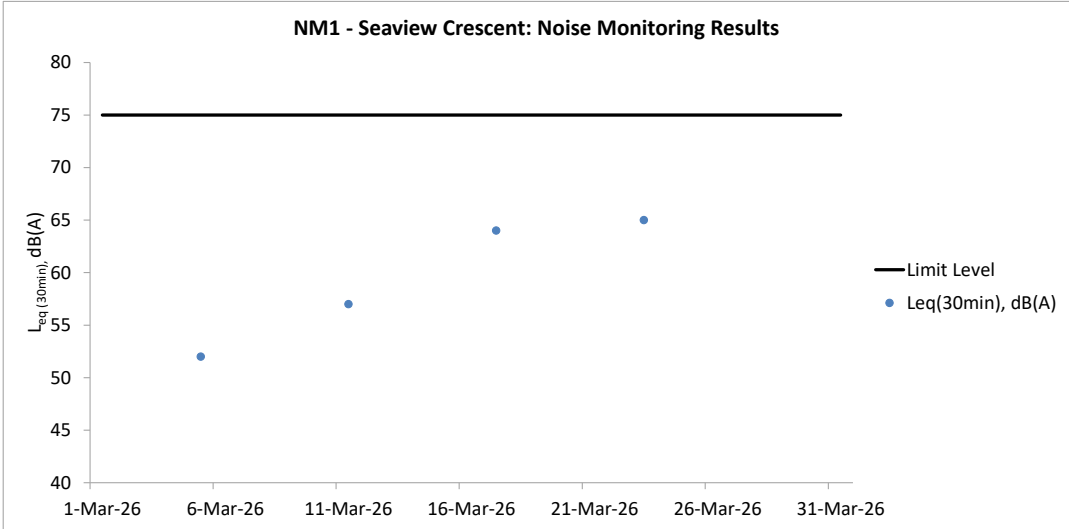
[^] indicates limit level was reduced to 65 dB(A) during examination period.

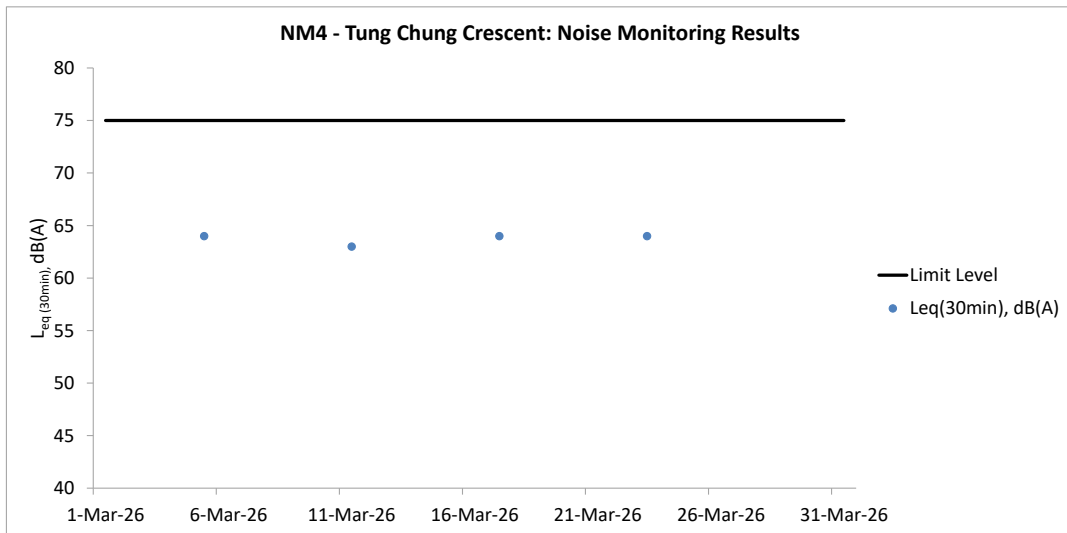
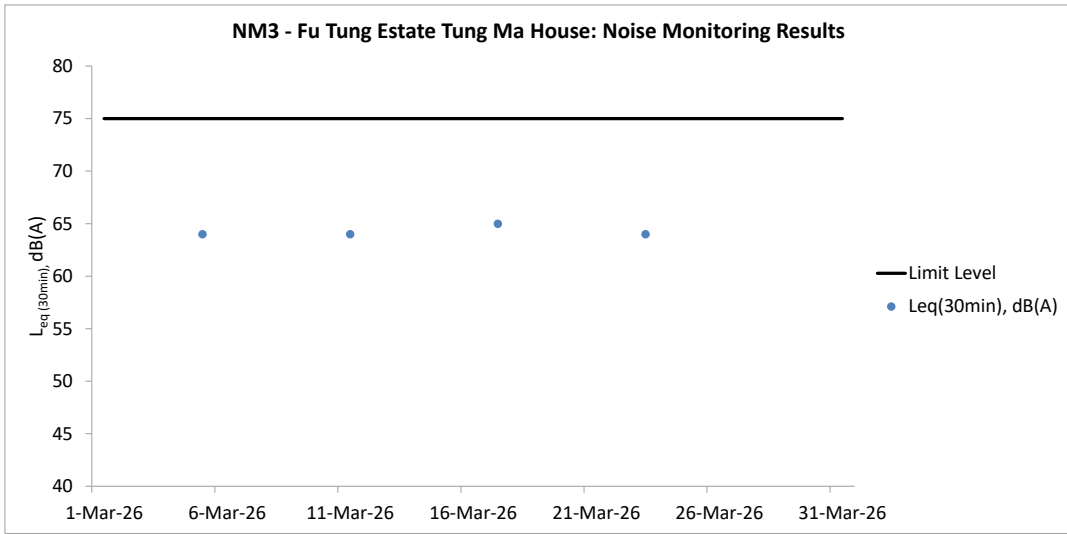
NM3 - Fu Tung Estate Tung Ma House

Date	Weather	Time	Measured $L_{eq(5min)}$, dB(A)	Measured L_{10} , dB(A)	Measured L_{90} , dB(A)	Baseline $L_{eq(30min)}$, dB(A)	$L_{eq(30min)}$, dB(A)	Limit Level $L_{eq(30min)}$, dB(A)
5-Mar-26	Sunny	10:20	64.2	66.5	61.4	66.1	64	75
5-Mar-26	Sunny	10:25	64.1	65.3	62.1			
5-Mar-26	Sunny	10:30	65.1	67.1	62.7			
5-Mar-26	Sunny	10:35	63.5	64.7	61.7			
5-Mar-26	Sunny	10:40	64.3	65.9	62.4			
5-Mar-26	Sunny	10:45	64.0	65.5	62.5			
11-Mar-26	Sunny	14:03	64.4	66.8	61.1	66.1	64	75
11-Mar-26	Sunny	14:08	64.1	65.9	62.3			
11-Mar-26	Sunny	14:13	64.1	65.7	62.7			
11-Mar-26	Sunny	14:18	65.2	66.5	62.5			
11-Mar-26	Sunny	14:23	63.9	66.4	62.0			
11-Mar-26	Sunny	14:28	64.0	66.6	62.9			
17-Mar-26	Cloudy	10:14	64.9	66.1	63.3	66.1	65	75
17-Mar-26	Cloudy	10:19	64.2	65.8	62.3			
17-Mar-26	Cloudy	10:24	65.1	66.7	63.2			
17-Mar-26	Cloudy	10:29	64.3	65.8	62.2			
17-Mar-26	Cloudy	10:34	63.5	65.6	61.9			
17-Mar-26	Cloudy	10:39	64.6	66.2	62.6			
23-Mar-26	Sunny	13:53	64.6	66.4	62.6	66.1	64	75
23-Mar-26	Sunny	13:58	64.2	65.2	63.1			
23-Mar-26	Sunny	14:03	64.3	66.5	62.1			
23-Mar-26	Sunny	14:08	63.7	64.9	62.3			
23-Mar-26	Sunny	14:13	64.5	65.8	63.0			
23-Mar-26	Sunny	14:18	64.0	65.9	62.9			

NM4 - Tung Chung Crescent

Date	Weather	Time	Measured $L_{eq(5min)}$, dB(A)	Measured L_{10} , dB(A)	Measured L_{90} , dB(A)	Baseline $L_{eq(30min)}$, dB(A)	$L_{eq(30min)}$, dB(A)	Limit Level $L_{eq(30min)}$, dB(A)
5-Mar-26	Sunny	11:14	65.3	67.1	62.6	64.6	64	75
5-Mar-26	Sunny	11:19	64.0	65.4	61.8			
5-Mar-26	Sunny	11:24	62.9	65.3	61.3			
5-Mar-26	Sunny	11:29	63.8	66.8	61.8			
5-Mar-26	Sunny	11:34	63.3	64.6	61.4			
5-Mar-26	Sunny	11:39	63.7	65.9	61.7			
11-Mar-26	Sunny	13:15	63.3	66.3	62.0	64.6	63	75
11-Mar-26	Sunny	13:20	63.8	65.8	62.0			
11-Mar-26	Sunny	13:25	63.9	65.4	61.8			
11-Mar-26	Sunny	13:30	62.8	64.7	61.2			
11-Mar-26	Sunny	13:35	62.9	65.1	61.5			
11-Mar-26	Sunny	13:40	63.8	65.5	62.1			
17-Mar-26	Cloudy	11:01	64.6	67.0	61.9	64.6	64	75
17-Mar-26	Cloudy	11:06	63.4	65.2	61.5			
17-Mar-26	Cloudy	11:11	63.6	65.3	61.5			
17-Mar-26	Cloudy	11:16	64.1	65.7	62.2			
17-Mar-26	Cloudy	11:21	64.4	66.9	61.6			
17-Mar-26	Cloudy	11:26	64.6	66.2	62.6			
23-Mar-26	Sunny	13:04	63.4	64.6	62.0	64.6	64	75
23-Mar-26	Sunny	13:09	62.9	64.0	61.6			
23-Mar-26	Sunny	13:14	64.0	65.4	62.3			
23-Mar-26	Sunny	13:19	63.0	65.3	61.8			
23-Mar-26	Sunny	13:24	64.1	66.0	62.0			
23-Mar-26	Sunny	13:29	63.2	64.4	62.0			





Water Quality Monitoring

**Airport Tung Chung Link
Water Quality Monitoring**

Water Quality Monitoring Results on 31 March 26 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)					
							Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C3	Cloudy	Moderate	12:46	2.6	Surface	-	-	-	-	-	-	-	-	-	-	6.3	-	2.9	-	7.6				
						-	-	-	-	-	-	-	-	-										
					Middle	1.3	23.6	23.6	8.1	8.1	28.0	28.0	87.6	87.6	6.3		6.3		2.8		2.9	8.1		
						1.3	23.6		8.1		28.0		87.5		6.3				2.9			7.1		
					Bottom	-	-	-	-	-	-	-	-	-	-		-		-		-	-	-	-
						-	-	-	-	-	-	-	-	-	-		-		-		-	-	-	-
C4	Cloudy	Rough	12:04	8.4	Surface	1.0	23.6	23.6	8.1	8.1	28.4	28.4	90.6	90.7	6.5	6.5	7.5	7.7	7.6	7.9				
						1.0	23.6		8.1		28.4		90.7		6.5		7.2		7.8					
					Middle	4.2	23.6	23.6	8.1	8.1	28.4	28.4	90.5	90.5	6.5		6.5		7.8		7.7	7.5		
						4.2	23.6		8.1		28.4		90.4		6.5				7.8			7.2		
					Bottom	7.4	23.6	23.6	8.1	8.1	28.4	28.4	90.5	90.5	6.5		6.5		7.9		7.7	7.5		
						7.4	23.6		8.1		28.4		90.5		6.5				7.8			9.8		
IM2	Cloudy	Moderate	12:35	2.8	Surface	-	-	-	-	-	-	-	-	-	6.3	-	4.2	-	8.2					
						-	-	-	-	-	-	-	-	-										
					Middle	1.4	23.7	23.7	8.1	8.1	28.7	28.4	85.8	86.6		6.2		6.3		4.4	4.2	8.6		
						1.4	23.6		8.1		28.0		87.3			6.3				4.0		7.8		
					Bottom	-	-	-	-	-	-	-	-	-		-		-		-	-	-	-	
						-	-	-	-	-	-	-	-	-		-		-		-	-	-	-	
IM3	Cloudy	Moderate	12:13	4.1	Surface	1.0	23.8	23.8	8.1	8.1	28.8	28.8	87.6	87.6	6.3	6.3	5.4	5.5	8.2	6.0				
						1.0	23.8		8.1		28.8		87.6		6.3		5.4		7.2					
					Middle	-	-	-	-	-	-	-	-	-	-		-		-		-	-		
						-	-	-	-	-	-	-	-	-	-		-		-		-	-		
					Bottom	3.1	23.8	23.8	8.1	8.1	28.8	28.8	87.6	87.6	6.3		6.3		5.4		5.5	5.1		
						3.1	23.8		8.1		28.8		87.6		6.3				5.6			3.6		
SR3	Cloudy	Moderate	12:25	3.7	Surface	1.0	23.7	23.7	8.1	8.1	28.7	28.7	85.8	85.7	6.2	6.2	4.5	5.5	5.7	5.5				
						1.0	23.7		8.1		28.7		85.5		6.1		4.9		8.4					
					Middle	-	-	-	-	-	-	-	-	-	-		-		-		-	-		
						-	-	-	-	-	-	-	-	-	-		-		-		-	-		
					Bottom	2.7	23.7	23.7	8.1	8.1	28.7	28.7	84.5	84.5	6.1		6.1		6.5		5.5	4.1		
						2.7	23.7		8.1		28.7		84.4		6.1				5.9			3.7		

DA: Depth-averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

**Airport Tung Chung Link
Water Quality Monitoring**

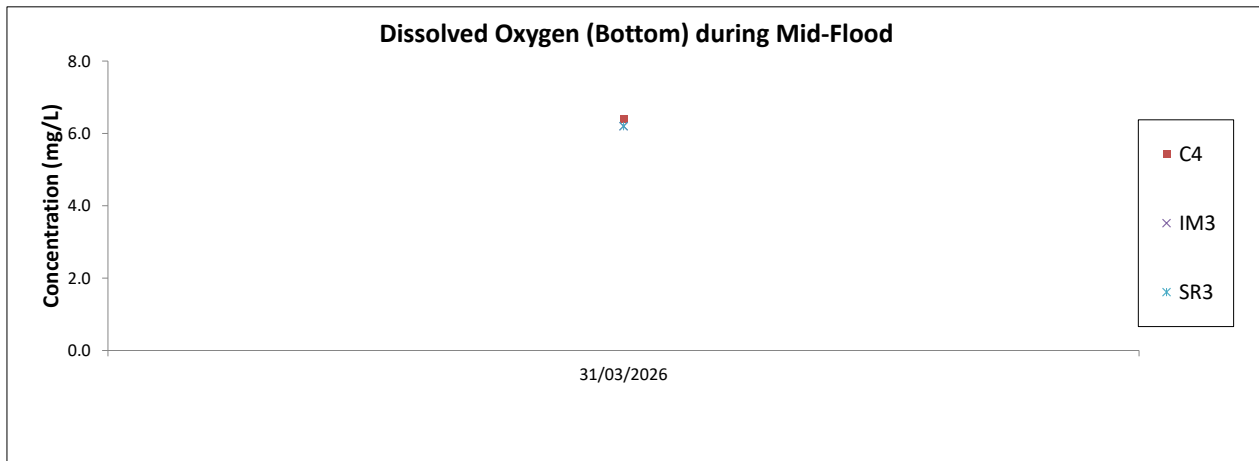
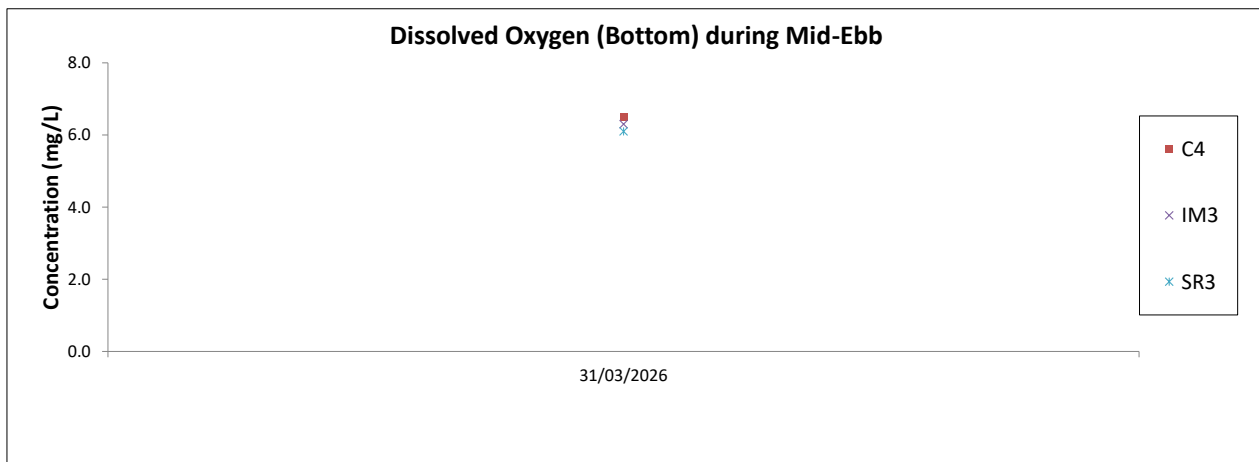
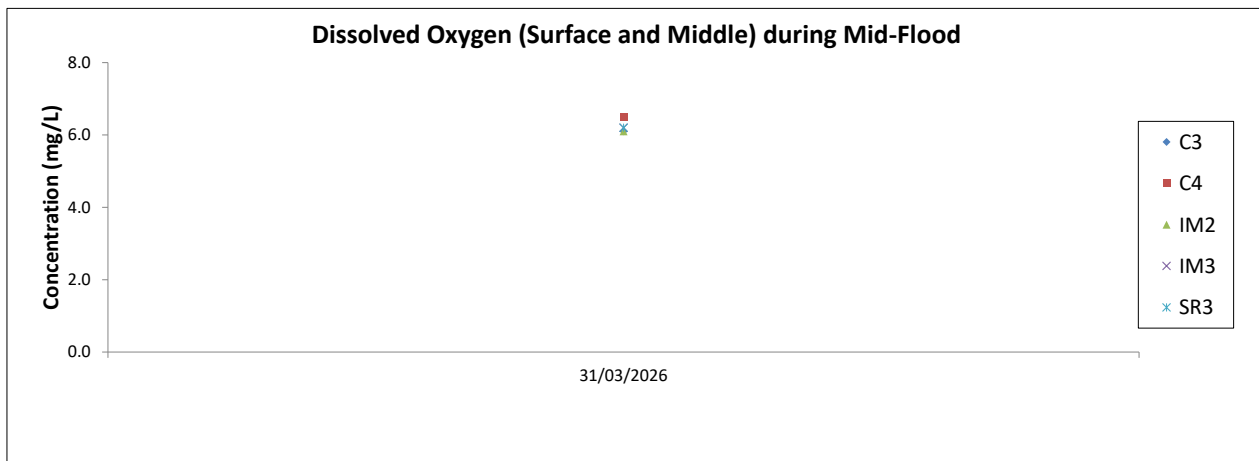
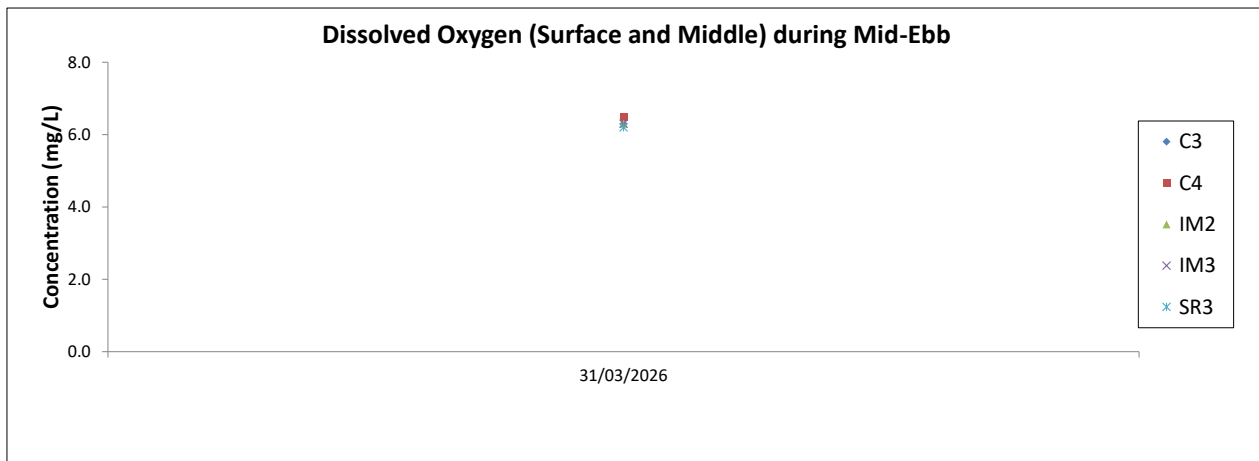
Water Quality Monitoring Results on 31 March 26 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)			
							Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C3	Cloudy	Moderate	06:13	2.6	Surface	-	-	-	-	-	-	-	-	-	-	6.1	-	5.7	-	6.0		
						-	-	-	-	-	-	-	-	-								
					Middle	1.3	23.7	23.7	8.1	8.1	28.7	28.7	84.6	84.6	6.1		6.1		5.7		5.6	6.4
						1.3	23.7		8.1		28.7		84.6		6.1				5.6			5.6
					Bottom	-	-	-	-	-	-	-	-	-	-		-		-		-	-
						-	-	-	-	-	-	-	-	-	-		-		-		-	-
C4	Cloudy	Rough	06:53	8.8	Surface	1.0	23.6	23.6	8.1	8.1	28.3	28.3	90.3	90.4	6.5	6.5	6.9	8.1	8.8	8.3		
						1.0	23.6		8.1		28.3		90.4		6.5		6.9		8.4			
					Middle	4.4	23.6	23.6	8.1	8.1	28.4	28.4	89.9	89.9	6.5		6.5		8.2		8.4	7.4
						4.4	23.6		8.1		28.4		89.8		6.5				8.4			8.4
					Bottom	7.8	23.6	23.6	8.1	8.1	28.4	28.4	89.3	89.4	6.4		6.4		9.1		9.0	8.7
						7.8	23.6		8.1		28.4		89.4		6.4				9.0			8.3
IM2	Cloudy	Moderate	06:23	2.8	Surface	-	-	-	-	-	-	-	-	-	6.1	-	7.4	-	6.9			
						-	-	-	-	-	-	-	-	-								
					Middle	1.4	23.7	23.7	8.1	8.1	28.7	28.7	84.8	84.8		6.1		6.1		7.3	7.5	7.8
						1.4	23.7		8.1		28.7		84.7			6.1				7.5		6.0
					Bottom	-	-	-	-	-	-	-	-	-		-		-		-	-	-
						-	-	-	-	-	-	-	-	-		-		-		-	-	-
IM3	Cloudy	Moderate	06:42	3.8	Surface	1.0	23.7	23.7	8.1	8.1	28.8	28.8	87.0	87.0	6.2	6.2	5.1	5.5	7.8	7.0		
						1.0	23.7		8.1		28.8		87.0		6.2		5.2		8.8			
					Middle	-	-	-	-	-	-	-	-	-	-		-		-		-	-
						-	-	-	-	-	-	-	-	-	-		-		-		-	
					Bottom	2.8	23.7	23.7	8.0	8.0	28.8	28.8	87.0	87.0	6.2		6.2		5.9		5.8	5.7
						2.8	23.7		8.0		28.8		87.0		6.2				5.8			5.8
SR3	Cloudy	Moderate	06:31	4.6	Surface	1.0	23.7	23.7	8.0	8.0	28.7	28.7	85.8	85.8	6.2	6.2	4.3	4.4	7.4	6.2		
						1.0	23.7		8.0		28.7		85.8		6.2		4.3		7.2			
					Middle	-	-	-	-	-	-	-	-	-	-		-		-		-	-
						-	-	-	-	-	-	-	-	-	-		-		-		-	
					Bottom	5.6	23.7	23.7	8.0	8.0	28.7	28.7	86.1	86.1	6.2		6.2		4.4		4.4	4.6
						5.6	23.7		8.0		28.7		86.1		6.2				4.4			5.6

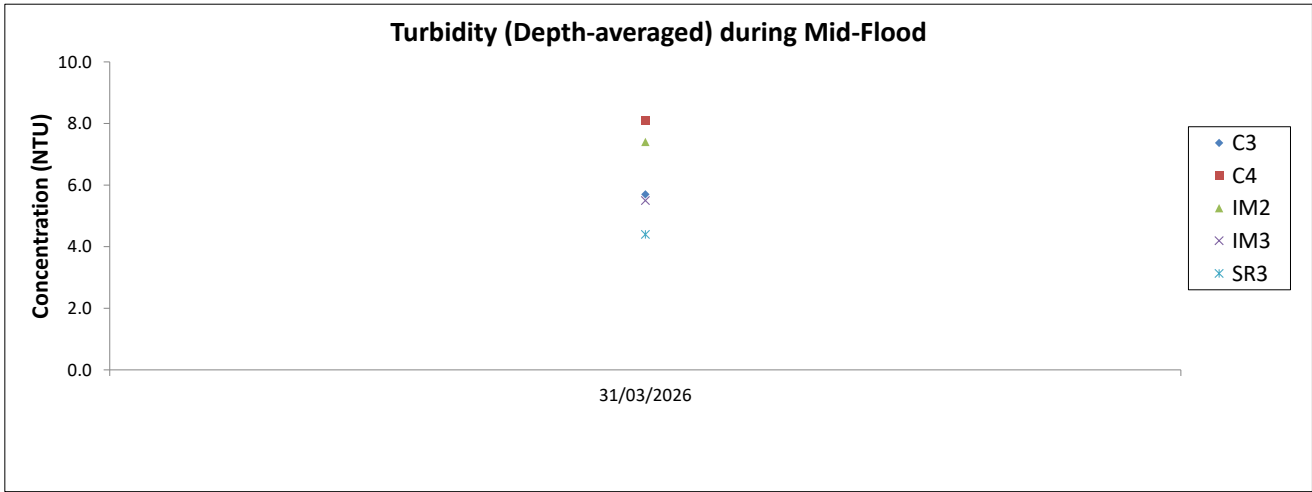
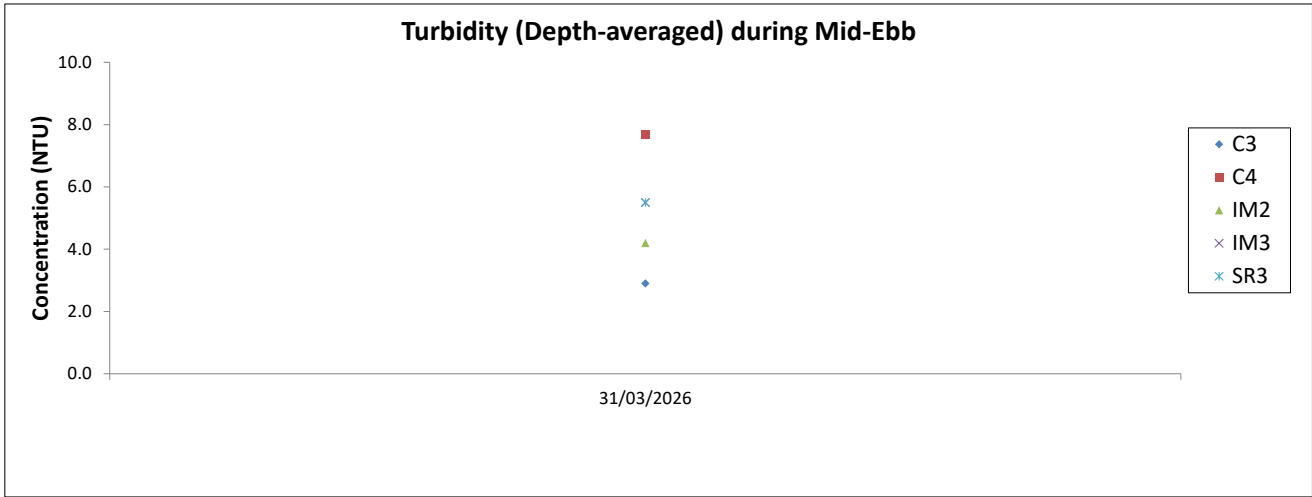
DA: Depth-averaged

Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

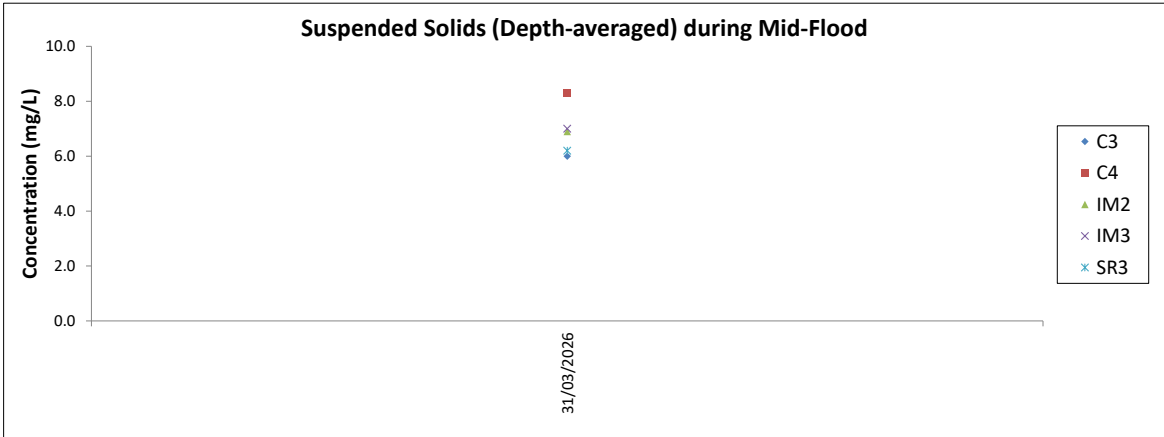
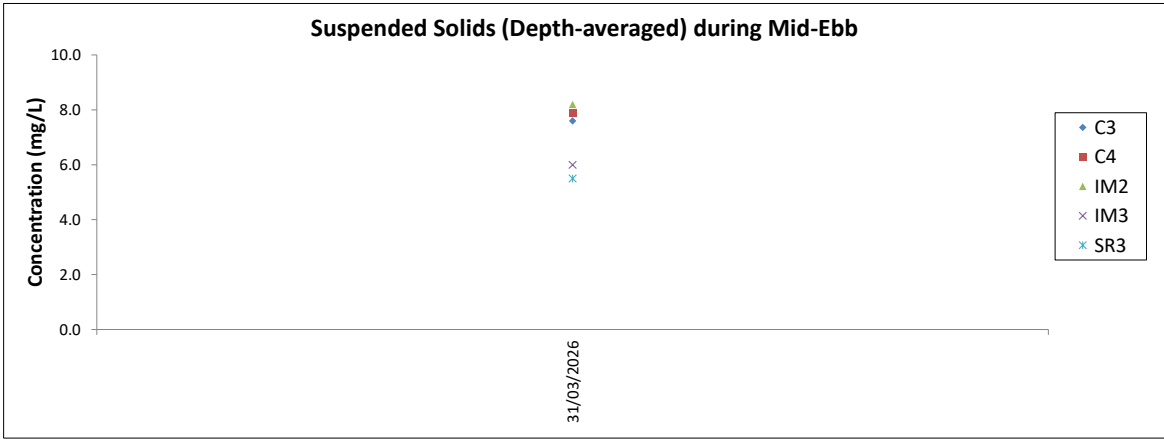
Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**



Note: QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.
As the water depths at C3 and IM2 were less than 3m, only middle depths were sampled at these stations.



Note: QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.



Note: QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.