

## **Appendix C. Monitoring Results**

## **Air Quality Monitoring Results**

**1-hour TSP Results**

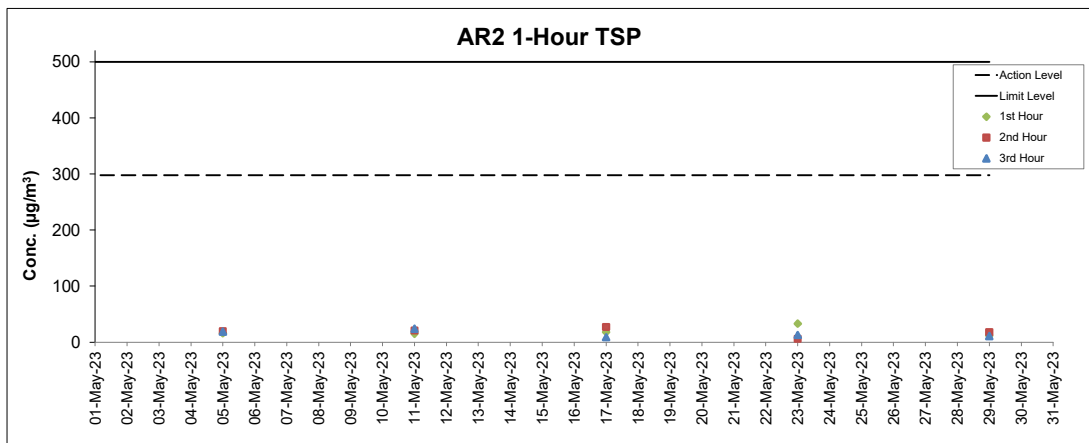
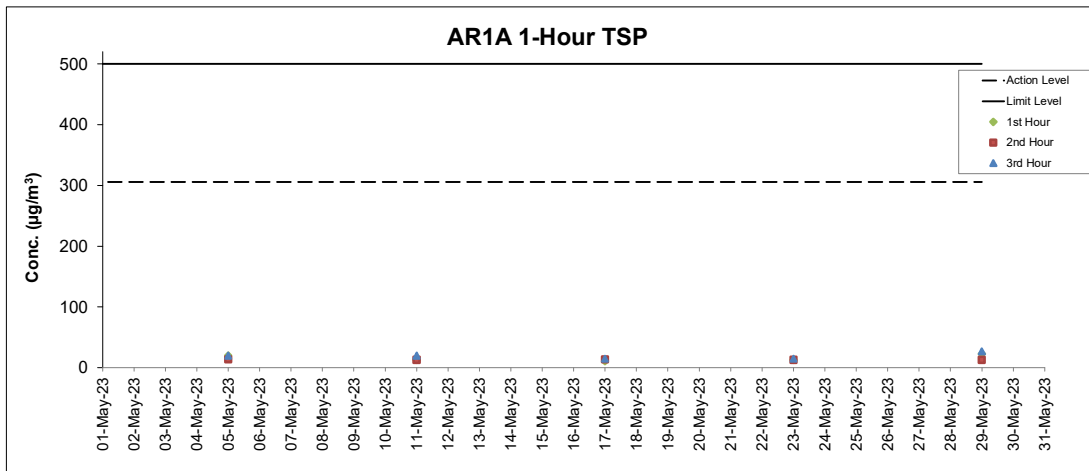
**Station: AR1A- Man Tung Road Park**

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ( $\mu\text{g}/\text{m}^3$ )	Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
5-May-23	8:16	Cloudy	5.3	143	20	306	500
5-May-23	9:16	Cloudy	4.7	144	14	306	500
5-May-23	10:16	Cloudy	4.4	143	20	306	500
11-May-23	8:47	Cloudy	7.2	80	13	306	500
11-May-23	9:47	Cloudy	7.8	84	13	306	500
11-May-23	10:47	Cloudy	7.2	83	20	306	500
17-May-23	9:49	Cloudy	4.4	112	11	306	500
17-May-23	10:49	Cloudy	1.7	136	14	306	500
17-May-23	11:49	Cloudy	4.2	113	15	306	500
23-May-23	9:37	Cloudy	2.8	321	13	306	500
23-May-23	10:37	Cloudy	4.7	45	13	306	500
23-May-23	11:37	Cloudy	3.1	58	15	306	500
29-May-23	8:20	Sunny	2.2	44	23	306	500
29-May-23	9:20	Sunny	2.5	328	13	306	500
29-May-23	10:20	Sunny	2.8	274	27	306	500

**1-hour TSP Results**

**Station: AR2- Village House, Tin Sum**

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ( $\mu\text{g}/\text{m}^3$ )	Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
5-May-23	12:38	Cloudy	3.3	140	16	298	500
5-May-23	13:38	Cloudy	4.2	159	20	298	500
5-May-23	14:38	Cloudy	4.2	141	19	298	500
11-May-23	12:57	Cloudy	6.4	84	15	298	500
11-May-23	13:57	Cloudy	5.8	95	21	298	500
11-May-23	14:57	Cloudy	3.9	76	24	298	500
17-May-23	14:11	Cloudy	5.6	198	18	298	500
17-May-23	15:20	Cloudy	6.4	203	27	298	500
17-May-23	16:20	Cloudy	6.1	205	9	298	500
23-May-23	15:23	Cloudy	7.8	100	33	298	500
23-May-23	16:23	Cloudy	7.8	101	6	298	500
23-May-23	17:23	Cloudy	7.8	91	13	298	500
29-May-23	12:11	Sunny	3.1	260	12	298	500
29-May-23	13:11	Sunny	3.1	260	18	298	500
29-May-23	14:11	Sunny	3.1	253	11	298	500



**Notes**

1. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
2. Weather conditions during monitoring are presented in the data tables above.
3. QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.

## **Noise Monitoring Results**

**Noise Measurement Results**

**Station: NM1A- Man Tung Road Park**

Date	Weather	Time	Measured L <sub>10</sub> dB(A)	Measured L <sub>90</sub> dB(A)	L <sub>eq(30mins)</sub> dB(A) ^
5-May-23	Cloudy	9:02	57.7	54.0	59
5-May-23	Cloudy	9:07	57.9	54.0	
5-May-23	Cloudy	9:12	58.4	53.7	
5-May-23	Cloudy	9:17	57.8	54.0	
5-May-23	Cloudy	9:22	56.9	53.6	
5-May-23	Cloudy	9:27	57.2	53.6	61
11-May-23	Cloudy	8:13	60.2	55.8	
11-May-23	Cloudy	8:18	60.8	55.8	
11-May-23	Cloudy	8:23	60.3	56.1	
11-May-23	Cloudy	8:28	60.5	56.5	
11-May-23	Cloudy	8:33	59.3	55.3	
11-May-23	Cloudy	8:38	60.3	56.3	62
17-May-23	Cloudy	7:57	60.2	56.9	
17-May-23	Cloudy	8:02	61.0	56.8	
17-May-23	Cloudy	8:07	60.8	56.4	
17-May-23	Cloudy	8:12	60.8	56.0	
17-May-23	Cloudy	8:17	60.1	56.2	
17-May-23	Cloudy	8:22	61.3	56.2	62
23-May-23	Cloudy	10:09	60.8	56.9	
23-May-23	Cloudy	10:14	61.0	56.8	
23-May-23	Cloudy	10:19	59.8	56.2	
23-May-23	Cloudy	10:24	60.0	56.0	
23-May-23	Cloudy	10:29	60.8	56.3	
23-May-23	Cloudy	10:34	61.3	56.1	66
29-May-23	Sunny	9:37	64.8	60.4	
29-May-23	Sunny	9:42	65.1	61.4	
29-May-23	Sunny	9:47	64.3	61.0	
29-May-23	Sunny	9:52	64.3	60.6	
29-May-23	Sunny	9:57	63.6	60.6	
29-May-23	Sunny	10:02	63.3	59.9	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

**Noise Measurement Results**

**Station: NM4- Ching Chung Hau Po Woon Primary School**

Date	Weather	Time	Measured L <sub>10</sub> dB(A)	Measured L <sub>90</sub> dB(A)	L <sub>eq(30mins)</sub> dB(A) ^
4-May-23	Sunny	13:22	68.1	57.7	65
4-May-23	sunny	13:27	61.4	57.3	
4-May-23	sunny	13:32	65.5	58.0	
4-May-23	sunny	13:37	62.2	57.6	
4-May-23	sunny	13:42	62.9	57.5	
4-May-23	sunny	13:47	63.1	58.1	
12-May-23	Overcast	11:23	64.3	59.3	63
12-May-23	Overcast	11:28	60.9	57.4	
12-May-23	Overcast	11:33	61.1	57.1	
12-May-23	Overcast	11:38	61.1	56.9	
12-May-23	Overcast	11:43	60.7	56.0	
12-May-23	Overcast	11:48	60.7	57.6	61
18-May-23	Sunny	13:45	60.5	55.7	
18-May-23	Sunny	13:50	59.8	55.8	
18-May-23	Sunny	13:55	59.9	55.8	
18-May-23	Sunny	14:00	59.5	55.6	
18-May-23	Sunny	14:05	59.7	56.6	
18-May-23	Sunny	14:10	58.9	55.2	62
22-May-23	Sunny	9:45	60.2	56.2	
22-May-23	Sunny	9:50	60.1	56.5	
22-May-23	Sunny	9:55	59.5	55.8	
22-May-23	Sunny	10:00	61.4	57.3	
22-May-23	Sunny	10:05	60.5	56.7	
22-May-23	Sunny	10:10	60.9	57.7	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

(\*) The measurement result was corrected with reference to the baseline monitoring levels.

## Noise Measurement Results

### Station: NM5- Village House, Tin Sum

Date	Weather	Time	Measured L <sub>10</sub> dB(A)	Measured L <sub>90</sub> dB(A)	L <sub>eq(30mins)</sub> dB(A) ^
5-May-23	Cloudy	13:08	69.8	55.3	67*
5-May-23	Cloudy	13:13	67.6	53.9	
5-May-23	Cloudy	13:18	68.9	54.2	
5-May-23	Cloudy	13:23	70.1	53.8	
5-May-23	Cloudy	13:28	65.6	52.2	
5-May-23	Cloudy	13:33	57.6	51.8	
11-May-23	Cloudy	12:33	64.5	57.1	65*
11-May-23	Cloudy	12:38	63.9	58.1	
11-May-23	Cloudy	12:43	64.3	58.3	
11-May-23	Cloudy	12:48	65.9	58.9	
11-May-23	Cloudy	12:53	64.8	58.8	
11-May-23	Cloudy	12:58	66.3	58.0	
17-May-23	Cloudy	13:05	63.0	59.5	64*
17-May-23	Cloudy	13:10	63.6	59.3	
17-May-23	Cloudy	13:15	63.4	59.5	
17-May-23	Cloudy	13:20	63.1	59.2	
17-May-23	Cloudy	13:25	62.4	59.4	
17-May-23	Cloudy	13:30	63.1	59.5	
23-May-23	Cloudy	13:15	56.9	51.6	58
23-May-23	Cloudy	13:20	55.9	52.5	
23-May-23	Cloudy	13:25	56.5	52.9	
23-May-23	Cloudy	13:30	55.9	52.3	
23-May-23	Cloudy	13:35	56.7	52.7	
23-May-23	Cloudy	13:40	55.3	52.0	
29-May-23	Sunny	13:25	63.1	58.5	62*
29-May-23	Sunny	13:30	63.1	59.2	
29-May-23	Sunny	13:35	62.6	59.5	
29-May-23	Sunny	13:40	62.9	59.0	
29-May-23	Sunny	13:45	62.8	58.6	
29-May-23	Sunny	13:50	62.2	58.7	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

(\*) The measurement result was corrected with reference to the baseline monitoring levels.

## Noise Measurement Results

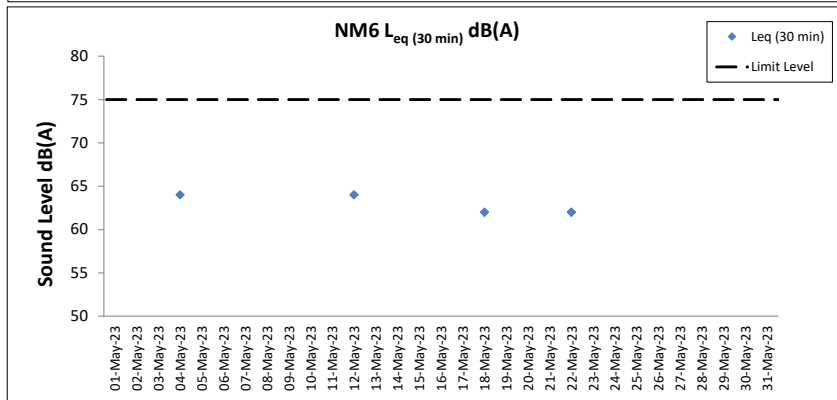
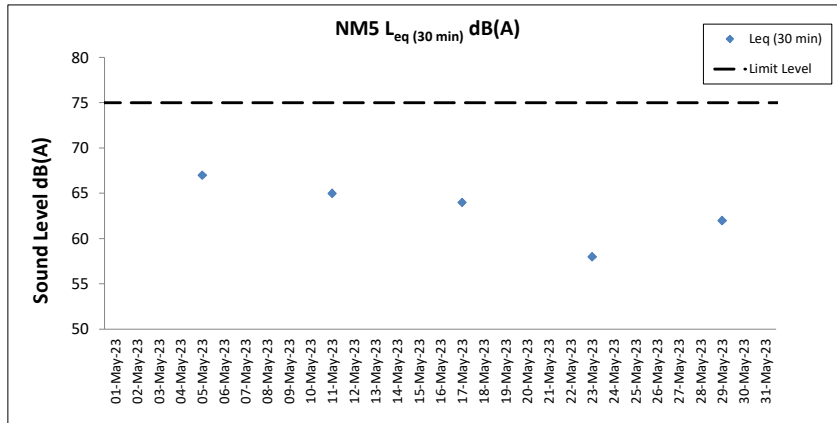
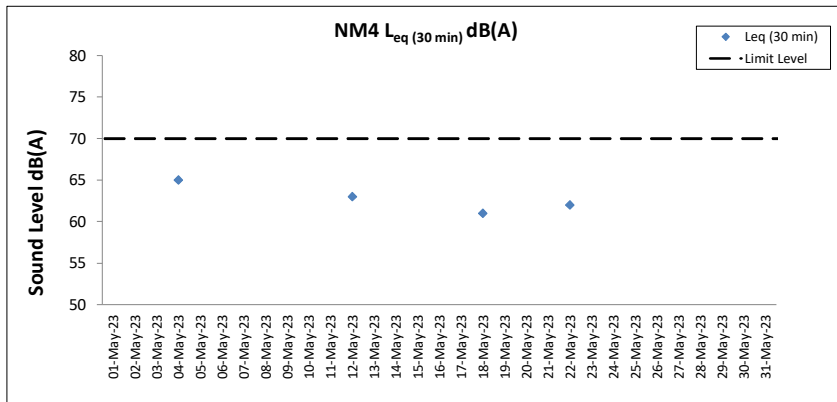
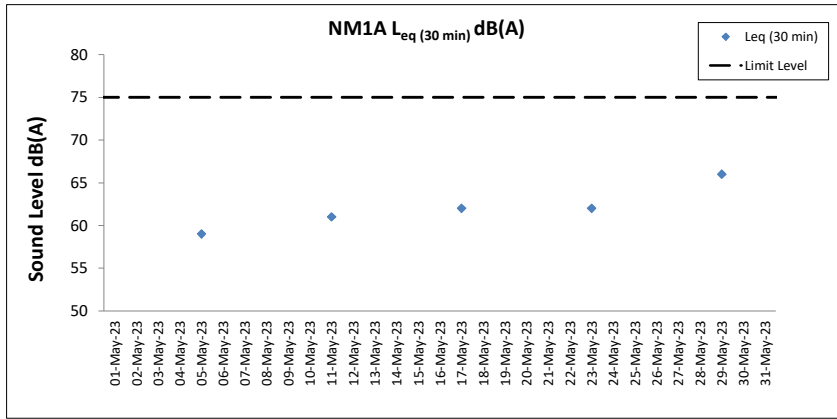
### Station: NM6- House No.1 Sha Lo Wan

Date	Weather	Time	Measured L <sub>10</sub> dB(A)	Measured L <sub>90</sub> dB(A)	L <sub>eq(30mins)</sub> dB(A) ^
4-May-23	Sunny	15:51	63.4	50.0	64
4-May-23	Sunny	15:56	68.5	48.4	
4-May-23	Sunny	16:01	62.7	48.8	
4-May-23	Sunny	16:06	65.3	51.4	
4-May-23	Sunny	16:11	60.9	47.4	
4-May-23	Sunny	16:16	59.2	46.5	
12-May-23	Overcast	9:51	64.4	57.8	64
12-May-23	Overcast	9:56	61.4	57.4	
12-May-23	Overcast	10:01	63.1	57.6	
12-May-23	Overcast	10:06	60.7	57.5	
12-May-23	Overcast	10:11	60.8	57.0	
12-May-23	Overcast	10:16	60.9	57.7	
18-May-23	Sunny	15:36	66.9	49.2	62*
18-May-23	Sunny	15:41	64.8	46.8	
18-May-23	Sunny	15:46	59.5	48.7	
18-May-23	Sunny	15:51	63.2	47.7	
18-May-23	Sunny	15:56	71.8	49.5	
18-May-23	Sunny	16:01	58.3	46.9	
22-May-23	Sunny	12:05	60.9	57.0	62
22-May-23	Sunny	12:10	60.7	55.7	
22-May-23	Sunny	12:15	61.4	56.9	
22-May-23	Sunny	12:20	61.4	56.4	
22-May-23	Sunny	12:25	62.2	56.8	
22-May-23	Sunny	12:30	59.6	55.8	

Remarks:

(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.

(\*) The measurement result was corrected with reference to the baseline monitoring levels.



**Notes**

1. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.
2. Weather conditions during monitoring are presented in the data tables above.
3. QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.

## **Water Quality Monitoring Results**



**Expansion of Hong Kong International Airport into a Three-Runway System**  
**Water Quality Monitoring**

**Water Quality Monitoring Results on 02 May 23 during Mid-Ebb Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C1	Cloudy	Moderate	11:13	8.2	Surface	1.0	0.3	209	24.0	8.3	8.3	31.9	31.9	111.8	111.6	7.8	7.7	2.4	2.3	6	5	815628	804253	
						1.0	0.3	213	24.0	8.3	8.3	31.9	31.9	111.4	111.6	7.8	7.7	2.4	2.3	7				
					Middle	4.1	0.3	213	24.0	8.3	8.3	32.0	32.0	107.9	108.0	7.5	7.6	2.0	2.3	6				
						4.1	0.3	218	24.0	8.3	8.3	32.0	32.0	108.1	108.0	7.5	7.6	1.9	2.3	4				
					Bottom	7.2	0.4	206	24.0	8.3	8.3	32.0	32.0	108.9	109.2	7.6	7.6	2.5	2.3	5				
						7.2	0.3	208	24.0	8.3	8.3	32.0	32.0	109.4	109.2	7.6	7.6	2.7	2.3	4				
C2	Cloudy	Moderate	09:41	12.2	Surface	1.0	0.2	160	24.7	8.2	8.2	29.5	29.5	113.2	112.9	7.9	7.5	3.3	4.6	4	5	825698	806933	
						1.0	0.2	162	24.7	8.2	8.2	29.5	29.5	112.5	112.9	7.9	7.5	3.4	4.6	4				
					Middle	6.1	0.2	178	24.0	8.2	8.2	32.9	32.9	100.4	100.4	7.0	7.0	4.4	4.6	5				
						6.1	0.1	182	24.0	8.2	8.2	33.0	32.9	100.3	100.3	7.0	7.0	4.6	4.6	5				
					Bottom	11.2	0.1	175	24.0	8.2	8.2	33.0	32.9	95.4	95.7	6.6	6.7	6.2	4.6	5				
						11.2	0.1	180	24.0	8.2	8.2	32.9	32.9	96.0	95.7	6.7	6.7	5.5	4.6	5				
C3	Fine	Rough	11:33	10.2	Surface	1.0	0.3	68	23.2	8.2	8.2	30.3	30.3	126.1	126.1	9.1	8.8	2.2	2.1	6	5	822085	817795	
						1.0	0.3	63	23.2	8.2	8.2	30.3	30.3	126.1	126.1	9.1	8.8	2.2	2.1	5				
					Middle	5.1	0.3	82	23.1	8.1	8.1	30.3	30.3	118.9	118.9	8.6	8.5	1.8	2.1	5				
						5.1	0.4	87	23.1	8.1	8.1	30.3	30.3	118.8	118.9	8.5	8.5	1.9	2.1	5				
					Bottom	9.2	0.4	60	23.0	8.1	8.1	30.5	30.5	111.4	111.4	8.0	8.0	2.4	2.1	5				
						9.2	0.4	60	23.0	8.1	8.1	30.5	30.5	111.3	111.4	8.0	8.0	2.4	2.1	5				
IM1	Cloudy	Moderate	10:51	6.1	Surface	1.0	0.2	169	24.1	8.4	8.4	31.9	31.9	112.5	112.3	7.8	7.7	3.8	3.9	5	5	818357	806475	
						1.0	0.1	169	24.0	8.4	8.4	32.0	31.9	112.0	112.3	7.8	7.7	3.8	3.9	4				
					Middle	3.1	0.2	188	24.0	8.3	8.3	32.2	32.2	107.6	107.4	7.5	7.5	4.3	3.9	5				
						3.1	0.2	190	24.0	8.3	8.3	32.2	32.2	107.1	107.4	7.5	7.5	4.4	3.9	5				
					Bottom	5.1	0.2	168	24.0	8.3	8.3	32.3	32.3	101.9	101.9	7.1	7.1	3.5	3.9	7				
						5.1	0.2	171	24.0	8.3	8.3	32.3	32.3	101.9	101.9	7.1	7.1	3.5	3.9	6				
IM2	Cloudy	Moderate	10:46	6.5	Surface	1.0	0.1	183	24.1	8.3	8.3	31.7	31.7	111.0	110.8	7.7	7.5	3.0	4.5	5	5	819202	806242	
						1.0	0.1	177	24.1	8.3	8.3	31.7	31.7	110.5	110.8	7.7	7.5	3.1	4.5	6				
					Middle	3.3	0.1	195	24.0	8.3	8.3	32.0	32.0	105.1	105.1	7.3	7.3	5.2	4.5	5				
						3.3	0.2	199	24.0	8.3	8.3	32.0	32.0	105.1	105.1	7.3	7.3	5.2	4.5	6				
					Bottom	5.5	0.1	201	24.0	8.3	8.3	32.0	32.0	105.7	105.9	7.4	7.4	5.2	4.5	5				
						5.5	0.1	195	24.0	8.3	8.3	32.0	32.0	106.0	105.9	7.4	7.4	5.1	4.5	5				
IM7	Cloudy	Moderate	10:17	7.5	Surface	1.0	0.2	116	24.1	8.3	8.3	31.2	31.3	114.8	114.6	8.0	7.7	4.6	5.1	5	5	821369	806851	
						1.0	0.2	116	24.1	8.3	8.3	31.4	31.3	114.4	114.6	8.0	7.7	4.7	5.1	4				
					Middle	3.8	0.2	121	24.0	8.3	8.3	31.8	31.7	106.4	106.4	7.4	7.4	5.7	5.1	4				
						3.8	0.2	125	24.0	8.3	8.3	31.7	31.7	106.4	106.4	7.4	7.4	5.6	5.1	5				
					Bottom	6.5	0.1	122	24.1	8.3	8.3	31.5	31.4	107.1	107.3	7.5	7.5	5.1	5.1	5				
						6.5	0.1	126	24.1	8.3	8.3	31.3	31.4	107.5	107.3	7.5	7.5	4.8	5.1	5				

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

**Expansion of Hong Kong International Airport into a Three-Runway System**  
**Water Quality Monitoring**

**Water Quality Monitoring Results on 02 May 23 during Mid-Ebb Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Fine	Rough	09:48	8.9	Surface	1.0	0.3	93	<u>23.4</u>	23.4	8.2	8.2	28.3	28.3	129.4	129.4	9.4	9.3	1.7	2.2	4	5	822248	809834
						1.0	0.3	94	23.4		8.2		28.3		129.4		9.4		1.7		5			
					Middle	4.5	0.3	92	23.4	8.2	8.2	28.5	28.4	127.5	127.5	9.2	9.2	1.8	5					
						4.5	0.3	91	23.4	8.2	8.2	28.4	28.4	127.4	127.4	9.2	9.2	1.7	5					
					Bottom	7.9	0.3	82	<u>23.3</u>	23.3	8.1	8.1	29.3	29.3	115.1	115.1	8.3	8.3	3.2	8.3	5			
						7.9	0.2	85	23.3		8.1		29.3		115.0		8.3		3.3		4			
IM11	Fine	Rough	10:04	7.8	Surface	1.0	0.5	93	<u>23.4</u>	23.4	8.2	8.2	28.2	28.2	123.3	123.3	8.9	8.7	2.0	3.1	6	6	821500	810530
						1.0	0.4	86	23.4		8.2		28.2		123.2		8.9		2.1		5			
					Middle	3.9	0.4	79	23.3	23.3	8.1	8.1	28.6	28.6	115.8	115.7	8.4	8.4	2.4	8.4	6			
						3.9	0.4	77	23.3		8.1		28.6		115.5		8.4		2.5		5			
					Bottom	6.8	0.5	77	<u>23.1</u>	23.1	8.1	8.1	29.9	29.9	105.4	105.4	7.6	7.6	4.8	7.6	7			
						6.8	0.5	70	23.1		8.1		29.9		105.4		7.6		4.7		6			
IM12	Fine	Rough	10:09	7.5	Surface	1.0	0.4	102	<u>23.4</u>	23.4	8.2	8.2	28.2	28.2	124.4	124.3	9.0	8.9	1.9	2.5	5	5	821169	811528
						1.0	0.4	103	23.4		8.2		28.2		124.1		9.0		1.9		5			
					Middle	3.8	0.5	114	23.4	23.4	8.2	8.1	28.3	28.3	120.5	120.4	8.7	8.7	2.2	8.7	4			
						3.8	0.5	118	23.4		8.1		28.3		120.3		8.7		2.2		5			
					Bottom	6.5	0.4	98	<u>23.2</u>	23.2	8.1	8.1	29.6	29.5	112.3	112.5	8.1	8.1	3.4	8.1	5			
						6.5	0.4	103	23.2		8.1		29.5		112.6		8.1		3.4		4			
SR1A	Fine	Moderate	10:45	5.2	Surface	1.0	0.0	128	<u>23.4</u>	23.4	8.2	8.2	28.0	28.0	125.3	125.3	9.1	9.1	2.3	2.5	4	5	819979	812664
						1.0	0.1	135	23.4		8.2		28.0		125.3		9.1		2.3		6			
					Middle	2.6	0.0	153	-	-	-	-	-	-	-	-	-	-	-	-	-			
						2.6	0.0	159	-		-		-		-		-		-		-			
					Bottom	4.2	0.0	129	<u>23.3</u>	23.3	8.2	8.2	28.5	28.5	119.8	119.9	8.7	8.7	2.6	8.7	4			
						4.2	0.0	123	23.3		8.2		28.5		119.9		8.7		2.6		5			
SR2	Fine	Moderate	11:03	4.8	Surface	1.0	0.5	43	<u>23.0</u>	23.0	8.1	8.1	30.3	30.3	113.1	113.0	8.2	8.2	2.2	2.3	5	5	821477	814177
						1.0	0.5	48	23.0		8.1		30.3		112.9		8.1		2.2		5			
					Middle	-	0.4	28	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	0.4	23	-		-		-		-		-		-					
					Bottom	3.8	0.4	67	<u>23.0</u>	23.0	8.1	8.1	30.4	30.4	111.6	111.6	8.0	8.0	2.4	8.0	5			
						3.8	0.5	69	23.0		8.1		30.4		111.5		8.0		2.5		6			
SR3	Cloudy	Moderate	10:06	9.2	Surface	1.0	0.3	154	<u>25.1</u>	25.1	8.2	8.2	29.3	29.3	117.6	117.5	8.2	7.9	3.2	4.0	5	5	822142	807591
						1.0	0.3	146	<u>25.1</u>		8.2		29.3		117.4		8.2		3.3		5			
					Middle	4.6	0.2	161	<u>24.4</u>	24.4	8.2	8.2	32.4	32.3	109.0	109.0	7.6	7.6	4.4	7.6	5			
						4.6	0.2	157	24.4		8.2		32.3		109.0		7.6		4.4		5			
					Bottom	8.2	0.3	150	<u>24.3</u>	24.3	8.2	8.2	32.7	32.7	101.9	101.9	7.1	7.1	4.5	7.1	5			
						8.2	0.3	148	24.3		8.2		32.7		101.9		7.1		4.4		5			
SR4A	Cloudy	Moderate	11:40	9.4	Surface	1.0	0.1	79	<u>24.1</u>	24.1	8.4	8.4	31.9	31.9	118.3	118.3	8.2	8.0	9.5	6.1	5	5	817186	807825
						1.0	0.1	77	24.1		8.4		31.9		118.2		8.2		9.5		6			
					Middle	4.7	0.0	81	<u>24.0</u>	24.0	8.3	8.3	32.3	32.3	111.0	111.0	7.7	7.7	4.4	7.7	5			
						4.7	-	85	24.0		8.3		32.3		111.0		7.7		4.4		5			
					Bottom	8.4	0.0	66	<u>24.0</u>	24.0	8.3	8.3	32.3	32.3	112.7	112.9	7.8	7.9	4.3	7.9	5			
						8.4	0.0	69	24.0		8.3		32.3		113.0		7.9		4.4		4			
SR8	Fine	Moderate	10:16	5.6	Surface	1.0	-	-	<u>23.3</u>	23.3	8.2	8.2	28.8	28.8	118.1	118.2	8.5	8.6	2.8	3.3	6	6	820382	811627
						1.0	-	-	23.3		8.2		28.7		118.3		8.6		2.7		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	-	-	-		-		-		-		-		-					
					Bottom	4.6	-	-	<u>23.2</u>	23.2	8.1	8.1	29.5	29.5	109.0	109.0	7.9	7.9	3.8	7.9	5			
						4.6	-	-	23.2		8.1		29.5		108.9		7.9		3.8		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

**Expansion of Hong Kong International Airport into a Three-Runway System**  
**Water Quality Monitoring**

**Water Quality Monitoring Results on 02 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA							
C1	Cloudy	Moderate	04:49	8.2	Surface	1.0	0.3	41	23.8	23.8	8.3	8.3	31.6	31.7	116.8	116.4	8.3	8.0	2.8	4.3	6	6	815641	804248			
						1.0	0.3	42	23.8		8.3		31.7		116.0		8.2		2.9		7						
					Middle	4.1	0.3	52	23.8	23.8	8.3	8.3	31.8	31.8	108.8	108.8	7.7	7.7	5.0	7.8	5.0				7.8	6	7
						4.1	0.3	49	23.8		8.3		31.8		108.8		7.7		5.0		7						
					Bottom	7.2	0.4	22	23.8	23.8	8.3	8.3	31.8	31.8	110.0	110.2	7.8	7.8	4.9	7.8	4.9				7.8	6	6
						7.2	0.3	24	23.8		8.3		31.8		110.4		7.8		4.9		6						
C2	Cloudy	Moderate	06:32	11.7	Surface	1.0	0.4	338	24.4	24.4	8.2	8.2	27.0	27.2	115.3	115.3	8.2	7.7	3.0	3.9	5	5	825673	806926			
						1.0	0.4	333	24.3		8.2		27.3		115.3		8.2		3.1		4						
					Middle	5.9	0.4	347	23.7	23.7	8.2	8.2	29.5	29.5	100.4	100.4	7.2	7.2	3.9	6.8	3.9				6.8	6	6
						5.9	0.3	341	23.7		8.2		29.5		100.4		7.2		3.9		6						
					Bottom	10.7	0.3	333	23.6	23.6	8.2	8.2	29.8	29.8	94.6	94.5	6.8	6.8	4.6	6.8	4.6				6.8	6	5
						10.7	0.3	326	23.5		8.2		29.8		94.4		6.7		4.8		5						
C3	Fine	Rough	03:52	9.8	Surface	1.0	0.4	280	23.0	23.0	8.0	8.0	30.7	30.7	110.6	110.5	8.0	7.6	2.9	3.8	4	5	822126	817795			
						1.0	0.4	285	23.0		8.0		30.7		110.4		7.9		2.9		4						
					Middle	4.9	0.4	268	22.9	22.9	8.0	7.9	30.9	30.9	101.6	101.6	7.3	7.3	3.8	7.3	3.8				7.3	5	4
						4.9	0.4	261	22.9		7.9		30.9		101.6		7.3		3.8		4						
					Bottom	8.8	0.3	263	22.9	22.9	7.9	7.9	30.9	30.9	101.5	101.5	7.3	7.3	4.6	7.3	4.6				7.3	5	6
						8.8	0.3	256	22.9		7.9		30.9		101.5		7.3		4.6		6						
IM1	Cloudy	Moderate	05:14	6.5	Surface	1.0	0.3	7	23.9	23.9	8.3	8.3	32.0	32.0	115.0	114.6	8.1	7.7	3.3	3.6	6	6	818339	806461			
						1.0	0.2	359	23.8		8.3		32.0		114.1		8.1		3.3		7						
					Middle	3.3	0.3	-	23.8	23.8	8.3	8.3	32.2	32.2	104.4	104.1	7.3	7.3	3.6	7.3	3.6				7.3	5	6
						3.3	0.3	352	23.8		8.3		32.2		103.8		7.3		3.6		6						
					Bottom	5.5	0.3	19	23.8	23.8	8.3	8.3	32.1	32.1	102.3	102.8	7.2	7.3	3.8	7.3	3.8				7.3	5	4
						5.5	0.4	24	23.8		8.3		32.1		103.3		7.3		3.9		4						
IM2	Cloudy	Moderate	05:18	6.7	Surface	1.0	0.3	352	23.8	23.8	8.3	8.3	31.5	31.6	117.4	117.1	8.3	8.0	3.6	4.8	6	5	819201	806249			
						1.0	0.3	349	23.8		8.3		31.6		116.7		8.3		3.8		6						
					Middle	3.4	0.3	14	23.8	23.8	8.3	8.3	31.9	31.9	108.2	108.0	7.7	7.6	4.2	7.6	4.2				7.6	6	5
						3.4	0.3	19	23.8		8.3		31.9		107.7		7.6		4.2		5						
					Bottom	5.7	0.2	354	23.8	23.8	8.3	8.3	31.8	31.8	107.4	107.5	7.6	7.6	6.6	7.6	6.6				7.6	4	4
						5.7	0.3	356	23.8		8.3		31.8		107.5		7.6		6.4		4						
IM7	Cloudy	Moderate	05:51	8.3	Surface	1.0	0.1	10	24.1	24.1	8.3	8.3	30.3	30.3	116.1	116.0	8.3	7.8	3.2	4.4	5	5	821365	806818			
						1.0	0.2	10	24.0		8.3		30.4		115.9		8.3		3.5		5						
					Middle	4.2	0.1	6	23.8	23.8	8.3	8.3	31.8	31.8	103.3	103.3	7.3	7.3	5.2	7.3	5.2				7.3	5	6
						4.2	0.1	359	23.8		8.3		31.8		103.2		7.3		5.2		5						
					Bottom	7.3	0.2	344	23.8	23.8	8.3	8.3	31.9	31.9	104.0	104.2	7.4	7.4	4.5	7.4	4.5				7.4	6	5
						7.3	0.2	339	23.8		8.3		31.9		104.3		7.4		4.6		5						

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

**Expansion of Hong Kong International Airport into a Three-Runway System**  
**Water Quality Monitoring**

**Water Quality Monitoring Results on 02 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Fine	Rough	05:37	8.1	Surface	1.0	0.4	293	<u>23.5</u>	23.5	8.2	8.2	28.2	28.2	130.6	130.5	9.4	9.3	1.3	2.0	6	6	822245	809826		
						1.0	0.4	292	23.5		8.2	8.2	28.2	28.2	130.4	130.5	9.4		1.4		6					
					Middle	4.1	0.4	313	23.4	23.4	8.2	8.2	28.6	28.6	125.8	125.6	9.1	8.6	1.9	2.8	6				5	4
						4.1	0.4	316	23.4		8.2	8.2	28.7	28.7	125.4	119.4	9.1		2.0		6					
					Bottom	7.1	0.4	285	<u>23.3</u>	23.3	8.2	8.2	29.2	29.2	119.3	119.4	8.6	8.1	2.7	3.0	5				5	4
						7.1	0.5	288	23.3		8.2	8.2	29.2	29.2	119.5	112.3	8.6		2.8		4					
IM11	Fine	Rough	05:21	7.4	Surface	1.0	0.4	282	<u>23.4</u>	23.4	8.2	8.2	28.2	28.3	127.6	127.5	9.2	8.8	1.6	2.6	4	5	821501	810563		
						1.0	0.4	284	23.4		8.2	8.2	28.3	28.3	127.3	116.1	9.2		1.8		5					
					Middle	3.7	0.4	292	23.2	23.2	8.1	8.1	29.2	29.2	116.2	116.1	8.4	8.1	3.2	3.0	4				5	5
						3.7	0.4	289	23.2		8.1	8.1	29.2	29.2	116.0	112.3	8.4		3.1		5					
					Bottom	6.4	0.5	285	<u>23.2</u>	23.2	8.1	8.1	29.4	29.4	112.3	112.3	8.1	8.1	3.0	3.0	5				5	4
						6.4	0.4	280	23.2		8.1	8.1	29.4	29.4	112.2	112.3	8.1		3.0		5					
IM12	Fine	Rough	05:10	7.1	Surface	1.0	0.4	273	<u>23.3</u>	23.3	8.1	8.1	29.4	29.4	116.6	116.5	8.4	8.2	2.0	2.8	7	6	821176	811505		
						1.0	0.4	266	23.3		8.1	8.1	29.4	29.4	116.4	109.9	8.4		2.0		6					
					Middle	3.6	0.4	275	23.2	23.2	8.1	8.1	29.7	29.8	110.1	109.9	7.9	7.3	2.8	3.6	6				5	4
						3.6	0.4	267	23.1		8.1	8.1	29.8	29.8	109.7	101.1	7.9		2.8		5					
					Bottom	6.1	0.4	281	<u>23.0</u>	23.0	8.1	8.1	30.2	30.2	101.0	101.1	7.3	7.3	3.6	3.5	5				4	
						6.1	0.4	283	23.0		8.1	8.1	30.2	30.2	101.2	101.1	7.3		3.5		4					
SR1A	Fine	Moderate	04:29	4.5	Surface	1.0	0.1	177	<u>23.3</u>	23.3	8.2	8.2	29.0	29.0	121.4	121.4	8.8	8.8	1.5	1.9	4	6	819982	812655		
						1.0	0.0	179	23.3		8.2	8.2	29.0	29.0	121.3	114.3	8.8		1.5		6					
					Middle	2.3	0.0	174	-	-	-	-	-	-	-	-	-	8.2	-	2.4	-				6	6
						2.3	0.1	180	-		-	-	-	-	-	-	-		-		-					
					Bottom	3.5	0.1	168	<u>23.1</u>	23.1	8.1	8.1	29.9	29.9	114.3	114.3	8.2	8.2	2.4	2.3	6				6	
						3.5	0.0	161	23.1		8.1	8.1	29.9	29.9	114.3	114.3	8.2		2.3		6					
SR2	Fine	Rough	04:11	4.1	Surface	1.0	0.1	260	<u>23.0</u>	23.0	8.0	8.0	30.7	30.7	111.7	111.7	8.0	8.0	4.3	4.7	4	5	821446	814149		
						1.0	0.1	256	23.0		8.0	8.0	30.7	30.7	111.6	105.0	8.0		4.3		5					
					Middle	-	0.1	240	-	-	-	-	-	-	-	-	-	7.5	-	5.1	-				5	4
						-	0.1	236	-		-	-	-	-	-	-	-		-							
					Bottom	3.1	0.1	250	22.9	22.9	8.0	8.0	31.0	31.0	104.9	105.0	7.5	7.5	5.1	5.1	4				5	
						3.1	0.2	251	22.9		8.0	8.0	31.0	31.0	105.0	104.9	7.5		5.1		5					
SR3	Cloudy	Moderate	05:58	8.5	Surface	1.0	0.2	354	<u>24.0</u>	24.0	8.2	8.2	26.8	26.7	115.9	115.7	8.4	7.9	3.0	3.8	4	5	822131	807554		
						1.0	0.3	356	24.0		8.2	8.2	26.7	26.7	115.4	104.4	8.3		3.1		5					
					Middle	4.3	0.2	323	<u>23.9</u>	23.9	8.2	8.2	29.5	29.5	104.4	104.4	7.4	7.4	3.6	4.9	4				5	
						4.3	0.2	323	23.9		8.2	8.2	29.5	29.5	104.4	104.9	7.4		3.5		4					
					Bottom	7.5	0.2	356	<u>23.9</u>	23.9	8.2	8.2	30.2	30.2	104.9	104.9	7.4	7.4	4.9	4.8	5				5	
						7.5	0.2	357	23.9		8.2	8.2	30.2	30.2	104.9	107.5	7.4		4.8		5					
SR4A	Cloudy	Moderate	04:22	8.7	Surface	1.0	0.0	132	<u>23.8</u>	23.8	8.3	8.3	31.7	31.7	114.3	114.2	8.1	8.0	3.6	4.1	6	5	817174	807820		
						1.0	0.0	127	23.8		8.3	8.3	31.7	31.7	114.0	111.9	8.1		3.6		5					
					Middle	4.4	-	117	<u>23.8</u>	23.8	8.2	8.2	32.0	32.0	112.0	111.8	7.9	7.6	3.9	4.7	6				5	
						4.4	0.0	114	23.8		8.2	8.2	32.0	32.0	111.8	107.5	7.9		4.0		5					
					Bottom	7.7	0.0	115	<u>23.8</u>	23.8	8.2	8.2	32.2	32.2	107.4	107.5	7.6	7.3	4.7	3.8	5				4	
						7.7	0.1	118	23.8		8.2	8.2	32.2	32.2	107.5	107.5	7.6		4.7		5					
SR8	Fine	Moderate	05:01	4.9	Surface	1.0	-	-	<u>23.2</u>	23.2	8.1	8.1	29.7	29.8	108.6	108.6	7.8	7.8	2.7	3.2	4	5	820384	811621		
						1.0	-	-	23.2		8.1	8.1	29.8	29.8	108.5	107.3	7.8		2.7		5					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	7.3	-	3.7	-				4	
						-	-	-	-		-	-	-	-	-	-	-		-							
					Bottom	3.9	-	-	<u>23.0</u>	23.0	8.1	8.1	30.2	30.2	101.6	101.7	7.3	7.3	3.7	3.8	4				5	
						3.9	-	-	23.0		8.1	8.1	30.2	30.2	101.8	101.7	7.3		3.8		5					

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

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on **04 May 23** during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Sunny	Moderate	12:19	8.0	Surface	1.0	0.5	207	25.0	8.1	8.1	31.0	31.1	117.0	116.8	8.1	7.7	2.6	4.0	4	6	815625	804264	
						1.0	0.5	207	24.9	8.1	8.1	31.1	31.1	116.6	116.8	8.1	7.7	2.5	4.0	5				
					Middle	4.0	0.4	216	24.8	24.8	8.1	8.1	31.8	31.8	106.0	106.0	7.3	7.3	2.9	4.0				6
						4.0	0.4	219	24.8	24.8	8.1	8.1	31.8	31.8	105.9	106.0	7.3	7.3	2.9	4.0				6
					Bottom	7.0	0.4	222	24.8	24.8	8.1	8.1	31.9	31.9	105.0	105.0	7.3	7.3	6.7	7.3				6
						7.0	0.4	222	24.8	24.8	8.1	8.1	31.9	31.9	105.0	105.0	7.3	7.3	6.4	7.3				7
C2	Sunny	Moderate	10:44	12.0	Surface	1.0	0.2	181	24.7	24.7	8.1	8.1	30.7	30.7	105.8	105.7	7.4	7.4	5.5	7.4	4	5	825699	806948
						1.0	0.2	186	24.7	24.7	8.1	8.1	30.7	30.7	105.6	105.7	7.4	7.4	5.5	7.4	5			
					Middle	6.0	0.2	188	24.7	24.7	8.1	8.1	30.9	30.9	105.4	105.5	7.4	7.4	7.5	7.4	6			
						6.0	0.2	182	24.7	24.7	8.1	8.1	30.9	30.9	105.5	105.5	7.4	7.4	7.4	7.4	5			
					Bottom	11.0	0.2	149	24.7	24.7	8.1	8.1	30.8	30.8	106.0	106.1	7.4	7.4	9.1	7.4	6			
						11.0	0.2	145	24.7	24.7	8.1	8.1	30.8	30.8	106.2	106.1	7.4	7.4	9.2	7.4	6			
C3	Fine	Calm	11:53	9.6	Surface	1.0	0.4	68	23.5	23.5	8.0	8.0	30.0	30.0	100.9	100.7	7.2	7.2	4.9	5.3	5	5	822132	817811
						1.0	0.5	71	23.5	23.5	8.0	8.0	30.0	30.0	100.4	100.7	7.2	7.2	4.9	5.3	4			
					Middle	4.8	0.4	58	23.5	23.5	8.0	8.0	30.0	30.1	100.0	99.9	7.2	7.2	5.1	7.2	4			
						4.8	0.4	57	23.5	23.5	8.0	8.0	30.1	30.1	99.8	99.9	7.1	7.1	5.1	7.1	5			
					Bottom	8.6	0.4	65	23.5	23.5	7.9	7.9	30.1	30.1	99.5	99.4	7.1	7.1	6.0	7.1	6			
						8.6	0.4	70	23.5	23.5	7.9	7.9	30.1	30.1	99.3	99.4	7.1	7.1	6.0	7.1	5			
IM1	Sunny	Moderate	11:54	6.5	Surface	1.0	0.2	188	24.9	24.9	8.1	8.1	30.9	30.9	114.2	114.1	7.9	7.7	2.9	2.9	6	5	818344	806454
						1.0	0.3	190	24.9	24.9	8.1	8.1	30.9	30.9	114.0	114.1	7.9	7.7	2.8	2.9	6			
					Middle	3.3	0.3	169	24.7	24.7	8.1	8.1	31.9	31.9	107.6	107.7	7.5	7.5	2.8	7.5	4			
						3.3	0.3	168	24.7	24.7	8.1	8.1	31.9	31.9	107.7	107.7	7.5	7.5	2.8	7.5	4			
					Bottom	5.5	0.3	169	24.7	24.7	8.1	8.1	31.7	31.7	108.2	108.3	7.5	7.5	3.0	7.5	5			
						5.5	0.3	173	24.7	24.7	8.1	8.1	31.6	31.6	108.4	108.3	7.5	7.5	3.0	7.5	4			
IM2	Sunny	Moderate	11:50	6.8	Surface	1.0	0.2	179	24.7	24.7	8.1	8.1	31.5	31.5	105.8	105.8	7.4	7.4	3.5	3.8	4	6	819192	806248
						1.0	0.1	180	24.7	24.7	8.1	8.1	31.5	31.5	105.8	105.8	7.4	7.4	3.5	3.8	5			
					Middle	3.4	0.2	210	24.7	24.7	8.1	8.1	31.6	31.6	105.2	105.2	7.3	7.3	3.7	7.3	6			
						3.4	0.2	204	24.7	24.7	8.1	8.1	31.6	31.6	105.1	105.1	7.3	7.3	3.7	7.3	6			
					Bottom	5.8	0.2	204	24.7	24.7	8.1	8.1	31.7	31.7	104.3	104.3	7.2	7.2	4.0	7.2	7			
						5.8	0.2	197	24.7	24.7	8.1	8.1	31.7	31.7	104.2	104.3	7.2	7.2	4.3	7.2	8			
IM7	Sunny	Moderate	11:16	8.2	Surface	1.0	0.2	120	24.7	24.7	8.1	8.1	31.0	31.1	105.6	105.5	7.4	7.3	4.4	4.4	5	5	821347	806822
						1.0	0.2	125	24.7	24.7	8.1	8.1	31.1	31.1	105.3	105.5	7.3	7.3	4.5	7.3	6			
					Middle	4.1	0.2	117	24.7	24.7	8.1	8.1	31.4	31.4	104.5	104.5	7.3	7.3	4.5	7.3	6			
						4.1	0.2	109	24.7	24.7	8.1	8.1	31.4	31.4	104.5	104.5	7.3	7.3	4.5	7.3	5			
					Bottom	7.2	0.2	94	24.7	24.7	8.1	8.1	31.3	31.2	104.4	104.4	7.3	7.3	4.4	7.3	5			
						7.2	0.2	99	24.7	24.7	8.1	8.1	31.2	31.2	104.4	104.4	7.3	7.3	4.4	7.3	4			

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

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on **04 May 23** during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
IM10	Fine	Calm	10:58	9.2	Surface	1.0	0.5	89	24.2	24.2	8.0	8.0	27.7	27.7	109.0	108.9	7.8	7.8	2.4	3.5	5	5	822254	809815		
						1.0	0.4	89	24.2		8.0	8.0	27.8	27.8	108.8	108.9	7.8		2.4		5					
					Middle	4.6	0.5	109	24.2	24.2	8.0	8.0	27.8	27.8	108.6	108.6	7.8	7.8	3.9	7.8	5				7.8	5
						4.6	0.6	110	24.2		8.0	8.0	27.8	27.8	108.6	108.6	7.8		3.9		5					
					Bottom	8.2	0.5	96	24.2	24.3	8.0	8.0	27.9	27.8	108.5	108.6	7.8	7.8	4.1	7.8	6				7.8	6
						8.2	0.5	92	24.3		8.0	8.0	27.8	27.8	108.6	108.6	7.8		4.1		5					
IM11	Fine	Calm	11:04	8.0	Surface	1.0	0.6	103	23.8	23.8	8.0	8.0	28.3	28.3	101.0	100.9	7.3	7.2	2.2	3.4	6	6	821504	810524		
						1.0	0.5	103	23.8		8.0	8.0	28.4	28.4	100.7	100.9	7.2		2.1		5					
					Middle	4.0	0.6	77	23.8	23.8	7.9	7.9	28.4	28.4	100.1	99.9	7.2	7.1	3.7	7.1	6				7.1	6
						4.0	0.6	72	23.8		7.9	7.9	28.4	28.4	99.6	99.9	7.2		3.7		5					
					Bottom	7.0	0.6	74	23.8	23.8	7.9	7.9	28.4	28.4	98.6	98.2	7.1	7.1	4.3	7.1	7				7.1	7
						7.0	0.6	75	23.8		7.9	7.9	28.3	28.4	97.7	98.2	7.0		4.4		6					
IM12	Fine	Calm	11:09	7.8	Surface	1.0	0.6	97	23.7	23.7	8.0	8.0	28.8	28.8	100.0	99.8	7.2	7.2	3.4	4.6	6	6	821162	811502		
						1.0	0.6	99	23.7		8.0	8.0	28.8	28.8	99.6	99.8	7.2		3.5		5					
					Middle	3.9	0.7	81	23.7	23.7	8.0	7.9	28.8	28.8	99.4	99.3	7.1	7.1	4.9	7.1	6				7.1	6
						3.9	0.7	78	23.7		7.9	7.9	28.8	28.8	99.2	99.3	7.1		5.0		6					
					Bottom	6.8	0.6	105	23.7	23.7	7.9	7.9	28.8	28.8	99.0	98.9	7.1	7.1	5.6	7.1	6				7.1	6
						6.8	0.6	112	23.7		7.9	7.9	28.8	28.8	98.8	98.9	7.1		5.6		6					
SR1A	Fine	Calm	11:23	4.6	Surface	1.0	0.1	130	24.2	24.2	8.0	8.0	28.8	28.8	104.8	104.6	7.5	7.5	2.6	3.0	4	5	819976	812663		
						1.0	0.1	128	24.2		8.0	8.0	28.8	28.8	104.3	104.6	7.4		2.6		5					
					Middle	2.3	0.0	143	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						2.3	0.1	138	-		-	-	-	-	-	-	-		-		-					-
					Bottom	3.6	0.0	104	24.2	24.2	8.0	7.9	28.8	28.8	103.4	103.2	7.4	7.4	3.5	7.4	4				7.4	4
						3.6	0.1	111	24.2		7.9	7.9	28.8	28.8	103.0	103.2	7.3		3.4		5					
SR2	Fine	Calm	11:37	4.6	Surface	1.0	0.5	34	24.3	24.3	7.9	7.9	28.3	28.3	106.0	104.1	7.6	7.5	2.8	3.4	5	5	821472	814167		
						1.0	0.5	34	24.2		7.9	7.9	28.3	28.3	102.2	104.1	7.3		2.8		4					
					Middle	-	0.5	28	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	0.5	28	-		-	-	-	-	-	-	-		-		-					
					Bottom	3.6	0.5	64	24.2	24.3	7.9	7.9	28.4	28.3	101.2	100.8	7.2	7.2	4.0	7.2	5				7.2	5
						3.6	0.5	58	24.3		7.9	7.9	28.2	28.3	100.3	100.8	7.1		3.9		5					
SR3	Sunny	Moderate	11:10	9.1	Surface	1.0	0.4	162	24.8	24.8	8.1	8.1	30.4	30.5	103.2	103.2	7.2	7.2	3.3	4.3	6	5	822124	807589		
						1.0	0.4	162	24.7		8.1	8.1	30.5	30.5	103.2	103.2	7.2		3.5		7					
					Middle	4.6	0.4	153	24.7	24.7	8.1	8.1	30.8	30.9	103.3	103.4	7.2	7.2	4.5	7.2	5				7.2	5
						4.6	0.4	148	24.7		8.1	8.1	30.9	30.9	103.4	103.4	7.2		4.6		4					
					Bottom	8.1	0.4	153	24.8	24.8	8.1	8.1	31.0	31.0	103.2	103.2	7.2	7.2	5.1	7.2	5				7.2	5
						8.1	0.4	157	24.8		8.1	8.1	31.0	31.0	103.1	103.2	7.2		5.0		4					
SR4A	Sunny	Moderate	12:49	9.0	Surface	1.0	0.0	63	25.2	25.2	8.2	8.2	29.6	29.7	118.1	117.9	8.2	8.0	2.8	4.1	7	6	817181	807796		
						1.0	0.0	62	25.1		8.2	8.2	29.8	29.7	117.6	117.9	8.2		3.0		6					
					Middle	4.5	0.0	52	24.8	24.8	8.1	8.1	31.2	31.2	111.0	110.7	7.7	7.7	4.7	7.7	6				7.7	6
						4.5	-	45	24.8		8.1	8.1	31.3	31.2	110.4	110.7	7.7		4.9		6					
					Bottom	8.0	0.0	96	24.8	24.8	8.1	8.1	31.3	31.3	107.4	107.5	7.5	7.5	4.8	7.5	5				7.5	5
						8.0	0.1	92	24.8		8.1	8.1	31.2	31.3	107.5	107.5	7.5		4.6		4					
SR8	Fine	Calm	11:13	4.6	Surface	1.0	-	-	23.8	23.8	7.9	7.9	28.4	28.5	100.8	100.7	7.2	7.2	3.2	4.1	4	4	820401	811604		
						1.0	-	-	23.8		7.9	7.9	28.5	28.5	100.5	100.7	7.2		3.2		4					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	-	-	-		-	-	-	-	-	-	-		-		-					
					Bottom	3.6	-	-	23.8	23.9	7.9	7.9	28.5	28.4	99.6	99.4	7.1	7.1	5.0	7.1	5				7.1	5
						3.6	-	-	23.9		7.9	7.9	28.4	28.4	99.1	99.4	7.1		5.0		4					

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

**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 04 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
C1	Cloudy	Moderate	05:43	8.8	Surface	1.0	0.3	42	24.7	24.7	8.1	8.1	30.2	30.2	108.7	108.4	7.6	7.2	3.1	4.2	5	5	815639	804266		
						1.0	0.3	48	24.7	8.1	8.1	30.2	30.2	108.1	108.4	7.6	7.2	3.0	4.2	4						
					Middle	4.4	0.4	43	24.7	24.7	8.0	8.0	32.3	32.3	96.6	96.7	6.7	6.8	1.8	4.2	5				5	
						4.4	0.4	38	24.7	24.7	8.0	8.0	32.3	32.3	96.7	96.7	6.7	6.8	1.9	4.2	4					
					Bottom	7.8	0.4	26	24.7	24.7	8.0	8.0	31.9	31.8	97.4	97.6	6.8	6.8	7.3	4.2	5					5
						7.8	0.3	31	24.7	24.7	8.0	8.0	31.7	31.8	97.7	97.6	6.8	6.8	7.9	4.2	6					
C2	Cloudy	Moderate	07:23	12.2	Surface	1.0	0.4	340	24.7	24.7	8.1	8.1	30.7	30.7	105.2	105.1	7.3	7.3	7.4	8.3	6	825686	806950			
						1.0	0.4	343	24.7	24.7	8.1	8.1	30.8	30.7	105.0	105.1	7.3	7.3	7.7							
					Middle	6.1	0.4	358	24.7	24.7	8.1	8.1	30.9	30.9	104.7	104.7	7.3	7.3	9.8					6		
						6.1	0.4	356	24.7	24.7	8.1	8.1	30.9	30.9	104.7	104.7	7.3	7.3	9.7							
					Bottom	11.2	0.4	332	24.7	24.7	8.1	8.1	30.9	30.9	104.8	104.8	7.3	7.3	7.7						6	
						11.2	0.4	331	24.7	24.7	8.1	8.1	30.9	30.9	104.8	104.8	7.3	7.3	7.8							
C3	Fine	Calm	06:34	11.8	Surface	1.0	0.5	249	23.8	23.8	7.9	7.9	27.2	27.2	105.4	105.4	7.6	7.6	2.1	3.4	5	822113	817799			
						1.0	0.6	241	23.8	23.8	7.9	7.9	27.2	27.2	105.4	105.4	7.6	7.6	2.1							
					Middle	5.9	0.5	248	23.9	23.9	7.9	7.9	26.9	26.9	105.3	105.3	7.6	7.6	3.7					4		
						5.9	0.5	254	23.9	23.9	7.9	7.9	26.9	26.9	105.3	105.3	7.6	7.6	3.7							
					Bottom	10.8	0.6	247	23.9	23.9	7.9	7.9	26.8	26.7	105.2	105.2	7.6	7.6	4.5						4	
						10.8	0.6	251	23.9	23.9	7.9	7.9	26.6	26.7	105.1	105.2	7.6	7.6	4.5							
IM1	Cloudy	Moderate	06:06	6.6	Surface	1.0	0.2	23	24.7	24.7	8.1	8.1	31.7	31.8	107.5	107.4	7.5	7.4	3.4	4.5	4	818359	806456			
						1.0	0.2	17	24.7	24.7	8.1	8.1	31.8	31.8	107.3	107.4	7.4	7.4	3.3							
					Middle	3.3	0.2	17	24.7	24.7	8.1	8.1	32.0	32.0	105.7	105.6	7.3	7.3	4.5					4		
						3.3	0.2	24	24.7	24.7	8.1	8.1	32.0	32.0	105.4	105.6	7.3	7.3	4.6							
					Bottom	5.6	0.2	9	24.7	24.7	8.1	8.1	32.1	32.1	104.2	104.2	7.2	7.2	5.5						4	
						5.6	0.2	11	24.7	24.7	8.1	8.1	32.1	32.1	104.1	104.2	7.2	7.2	6.0							
IM2	Cloudy	Moderate	06:10	6.9	Surface	1.0	0.2	357	24.8	24.8	8.1	8.1	31.1	31.1	113.6	113.5	7.9	7.7	3.3	3.4	4	819192	806225			
						1.0	0.3	359	24.8	24.8	8.1	8.1	31.1	31.1	113.4	113.5	7.9	7.7	3.3							
					Middle	3.5	0.2	20	24.7	24.7	8.1	8.1	31.6	31.6	108.5	108.5	7.5	7.5	3.3					4		
						3.5	0.2	17	24.7	24.7	8.1	8.1	31.6	31.6	108.5	108.5	7.5	7.5	3.3							
					Bottom	5.9	0.3	9	24.7	24.7	8.1	8.1	31.8	31.8	107.2	107.1	7.4	7.4	3.6						4	
						5.9	0.3	5	24.7	24.7	8.1	8.1	31.8	31.8	107.0	107.1	7.4	7.4	3.5							
IM7	Cloudy	Moderate	06:45	8.0	Surface	1.0	0.2	0	24.9	24.9	8.1	8.1	30.0	30.0	109.9	109.9	7.7	7.5	2.7	5.2	5	821336	806833			
						1.0	0.3	352	24.9	24.9	8.1	8.1	30.0	30.0	109.8	109.9	7.7	7.5	2.8							
					Middle	4.0	0.2	20	24.7	24.7	8.1	8.1	31.3	31.3	105.4	105.3	7.3	7.3	4.3					4		
						4.0	0.2	16	24.7	24.7	8.1	8.1	31.3	31.3	105.2	105.3	7.3	7.3	4.4							
					Bottom	7.0	0.3	349	24.7	24.7	8.1	8.1	31.5	31.5	104.6	104.7	7.3	7.3	8.3						6	
						7.0	0.3	351	24.7	24.7	8.2	8.1	31.5	31.5	104.7	104.7	7.3	7.3	9.0							

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

**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 04 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Fine	Calm	07:43	8.6	Surface	1.0	0.3	290	24.0	8.0	8.0	28.2	28.2	107.8	107.6	7.7	7.5	3.0	4.2	4	5	822238	809854			
						1.0	0.3	286	23.9	24.0	8.0	8.0	28.2	28.2	107.3	107.6	7.7	7.5	3.0	4.2				4		
					Middle	4.3	0.3	299	23.8	23.8	7.9	7.9	28.3	28.3	101.4	101.3	7.3	7.3	4.2	4.2				4	5	
						4.3	0.2	301	23.8	23.8	7.9	7.9	28.3	28.3	101.2	101.3	7.3	7.3	4.2	4.2				5		
					Bottom	7.6	0.4	283	23.9	23.9	7.9	7.9	28.3	28.2	101.2	101.2	7.3	7.3	5.4	7.3				5	5	
						7.6	0.4	283	23.9	23.9	7.9	7.9	28.1	28.2	101.1	101.2	7.3	7.3	5.3	7.3				5		
IM11	Fine	Calm	07:36	8.0	Surface	1.0	0.3	293	23.8	8.0	8.0	28.4	28.4	100.2	100.1	7.2	7.2	4.0	5.3	5	5	821484	810522			
						1.0	0.3	289	23.8	23.8	8.0	8.0	28.4	28.4	99.9	100.1	7.2	7.2	4.1	5.3				6		
					Middle	4.0	0.3	283	23.8	23.8	7.9	7.9	28.4	28.4	99.5	99.4	7.2	7.2	5.4	5.3				5	5	
						4.0	0.3	284	23.8	23.8	7.9	7.9	28.4	28.4	99.2	99.4	7.1	7.1	5.4	5.3				5		
					Bottom	7.0	0.3	275	23.8	23.8	7.9	7.9	28.4	28.4	98.6	98.4	7.1	7.1	6.6	7.1				4	4	
						7.0	0.3	270	23.8	23.8	7.9	7.9	28.4	28.4	98.2	98.4	7.1	7.1	6.6	7.1				4		
IM12	Fine	Calm	07:28	7.2	Surface	1.0	0.3	295	24.0	8.0	7.9	28.2	28.2	106.0	105.7	7.6	7.5	3.2	4.6	4	4	821169	811495			
						1.0	0.3	298	23.9	24.0	7.9	7.9	28.2	28.2	105.4	105.7	7.6	7.5	3.2	4.6				4		
					Middle	3.6	0.4	287	23.9	23.9	7.9	7.9	28.3	28.3	101.4	101.3	7.3	7.3	4.9	7.2				4	4	
						3.6	0.4	280	23.9	23.9	7.9	7.9	28.3	28.3	101.1	101.3	7.3	7.3	4.8	7.2				4		
					Bottom	6.2	0.4	278	23.9	24.0	7.9	7.9	28.3	28.1	100.7	100.6	7.2	7.2	5.7	7.2				4	4	
						6.2	0.4	276	24.0	24.0	7.9	7.9	28.0	28.1	100.4	100.6	7.2	7.2	5.7	7.2				4		
SR1A	Fine	Calm	07:07	4.0	Surface	1.0	-	209	23.9	7.9	7.9	29.0	29.0	100.5	100.3	7.2	7.2	4.5	4.8	5	6	819972	812660			
						1.0	0.0	213	23.9	23.9	7.9	7.9	29.0	29.0	100.1	100.3	7.2	7.2	4.6	4.8				4		
					Middle	2.0	0.0	198	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						2.0	0.0	194	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
					Bottom	3.0	0.0	192	23.9	23.9	7.9	7.9	29.0	29.0	99.4	99.2	7.1	7.1	5.0	7.1				6	7	
						3.0	0.0	195	23.9	23.9	7.9	7.9	29.0	29.0	99.0	99.2	7.1	7.1	5.0	7.1				7		
SR2	Fine	Calm	06:54	5.8	Surface	1.0	0.1	281	23.8	7.9	7.9	27.7	27.6	105.3	105.3	7.6	7.6	3.0	3.7	5	5	821480	814181			
						1.0	0.2	276	23.8	23.8	7.9	7.9	27.6	27.6	105.3	105.3	7.6	7.6	3.1	3.7				6		
					Middle	-	0.1	254	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						-	0.1	253	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
					Bottom	4.8	0.1	291	23.8	23.8	7.9	7.9	27.4	27.4	105.4	105.4	7.6	7.6	4.4	7.6				5	4	
						4.8	0.1	293	23.8	23.8	7.9	7.9	27.4	27.4	105.4	105.4	7.6	7.6	4.4	7.6				4		
SR3	Cloudy	Moderate	06:51	9.0	Surface	1.0	0.2	350	24.9	8.1	8.1	29.9	29.9	103.7	103.6	7.2	7.2	1.5	2.6	5	5	822146	807581			
						1.0	0.2	356	24.9	24.9	8.1	8.1	29.9	29.9	103.5	103.6	7.2	7.2	1.5	2.6				6		
					Middle	4.5	0.3	335	24.7	24.7	8.1	8.1	30.3	30.3	102.0	102.0	7.1	7.1	2.8	7.1				6	5	
						4.5	0.3	341	24.7	24.7	8.1	8.1	30.3	30.3	102.0	102.0	7.1	7.1	2.8	7.1				5		
					Bottom	8.0	0.3	5	24.7	24.7	8.1	8.1	30.7	30.6	101.6	101.6	7.1	7.1	3.5	7.1				5	4	
						8.0	0.3	2	24.7	24.7	8.1	8.1	30.6	30.6	101.5	101.6	7.1	7.1	3.4	7.1				4		
SR4A	Cloudy	Moderate	05:18	8.6	Surface	1.0	0.0	144	24.8	8.1	8.1	30.1	30.1	112.2	112.2	7.8	7.6	4.2	5.2	5	5	817205	807827			
						1.0	0.0	136	24.8	24.8	8.1	8.1	30.1	30.1	112.1	112.2	7.8	7.6	4.4	5.2				4		
					Middle	4.3	0.0	154	24.7	24.7	8.1	8.1	31.5	31.5	106.3	106.3	7.4	7.4	5.6	7.4				5	5	
						4.3	0.1	158	24.7	24.7	8.1	8.1	31.5	31.5	106.2	106.3	7.4	7.4	5.6	7.4				5		
					Bottom	7.6	0.0	147	24.7	24.7	8.1	8.1	31.6	31.6	106.1	106.1	7.4	7.4	5.6	7.4				5	6	
						7.6	0.0	145	24.7	24.7	8.1	8.1	31.6	31.6	106.1	106.1	7.4	7.4	5.6	7.4				6		
SR8	Fine	Calm	07:24	5.0	Surface	1.0	-	-	23.9	7.9	7.9	28.7	28.7	99.0	98.9	7.1	7.1	4.0	4.2	4	5	820404	811626			
						1.0	-	-	23.9	23.9	7.9	7.9	28.7	28.7	98.7	98.9	7.1	7.1	4.0	4.2				5		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
					Bottom	4.0	-	-	23.9	23.9	7.9	7.9	28.7	28.7	98.2	97.9	7.0	7.0	4.3	7.0				5	6	
						4.0	-	-	23.9	23.9	7.9	7.9	28.7	28.7	97.5	97.9	7.0	7.0	4.3	7.0				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



Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on **06 May 23** during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
C1	Fine	Moderate	13:18	8.4	Surface	1.0	0.5	202	25.4	25.4	8.1	8.1	31.7	31.8	102.8	102.3	7.1	6.8	5.4	8.2	8	7	815642	804233		
						1.0	0.5	196	25.3		8.1		31.8		101.7		7.0		5.7		7					
					Middle	4.2	0.5	215	25.3	25.3	8.1	8.1	32.0	32.0	96.0	96.1	6.6	6.7	6.6	6.7	8.7				6	6
						4.2	0.6	215	25.3		8.1		32.0		96.1		6.6		6.6		6					
					Bottom	7.4	0.5	227	25.3	25.3	8.1	8.1	32.0	32.0	97.5	97.6	6.7	6.7	6.7	6.7	10.3				6	6
						7.4	0.5	226	25.3		8.1		32.0		97.7		6.7		6.7		6					
C2	Fine	Moderate	11:43	11.4	Surface	1.0	0.4	175	25.9	25.9	8.1	8.1	29.6	29.6	101.2	101.1	7.0	6.9	7.9	8.9	6	4	825693	806941		
						1.0	0.4	174	25.9		8.1		29.6		101.0		7.0		7.4		4					
					Middle	5.7	0.3	153	25.4	25.4	8.1	8.1	30.8	30.8	98.1	98.1	6.8	6.8	6.8	6.8	10.0				2	2
						5.7	0.3	157	25.4		8.1		30.8		98.0		6.8		10.0		3					
					Bottom	10.4	0.3	154	25.5	25.5	8.1	8.1	30.4	30.4	97.9	97.9	6.8	6.8	6.8	6.8	9.0				3	3
						10.4	0.4	156	25.5		8.1		30.3		97.9		6.8		9.2		3					
C3	Fine	Calm	12:38	10.0	Surface	1.0	0.5	84	24.4	24.4	7.8	7.8	28.4	28.4	86.1	85.8	6.1	6.0	2.1	3.4	5	4	822100	817821		
						1.0	0.5	87	24.4		7.8		28.4		85.4		6.1		2.1		4					
					Middle	5.0	0.5	81	24.4	24.4	7.8	7.8	28.5	28.5	83.5	82.8	5.9	5.4	5.9	5.4	3.1				3	3
						5.0	0.5	80	24.4		7.8		28.5		82.1		5.8		3.1		3					
					Bottom	9.0	0.4	86	24.4	24.4	7.8	7.8	28.6	28.5	77.3	75.8	5.5	5.4	5.5	5.4	5.0				3	3
						9.0	0.4	80	24.4		7.8		28.4		74.3		5.3		5.0		3					
IM1	Fine	Moderate	12:58	6.7	Surface	1.0	0.3	199	26.1	26.1	8.1	8.1	30.3	30.3	103.0	103.0	7.0	7.0	3.0	7.3	4	5	818371	806457		
						1.0	0.3	204	26.0		8.1		30.4		103.0		7.0		3.0		5					
					Middle	3.4	0.3	170	25.7	25.7	8.1	8.1	31.1	31.2	100.7	100.6	6.9	6.8	6.9	6.8	9.5				6	6
						3.4	0.4	170	25.7		8.1		31.2		100.5		6.9		9.9		4					
					Bottom	5.7	0.3	172	25.6	25.7	8.1	8.1	31.3	31.2	100.0	100.0	6.8	6.8	6.8	6.8	9.1				5	5
						5.7	0.3	173	25.7		8.1		31.2		100.0		6.8		9.4		5					
IM2	Fine	Moderate	12:53	7.5	Surface	1.0	0.4	208	25.5	25.5	8.1	8.1	31.3	31.4	98.6	98.6	6.8	6.8	7.3	8.9	8	6	819179	806257		
						1.0	0.4	213	25.4		8.1		31.4		98.5		6.8		7.5		7					
					Middle	3.8	0.4	208	25.3	25.3	8.1	8.1	31.7	31.7	97.7	97.7	6.7	6.7	6.7	6.7	9.0				6	6
						3.8	0.5	203	25.3		8.1		31.7		97.6		6.7		8.9		6					
					Bottom	6.5	0.4	214	25.4	25.4	8.1	8.1	31.7	31.6	97.6	97.6	6.7	6.7	6.7	6.7	10.1				5	5
						6.5	0.4	209	25.4		8.1		31.6		97.6		6.7		10.4		4					
IM7	Fine	Moderate	12:23	8.3	Surface	1.0	0.2	149	25.9	25.9	8.1	8.1	29.5	29.5	103.3	103.2	7.1	7.0	3.6	7.2	3	4	821339	806827		
						1.0	0.2	142	25.8		8.1		29.6		103.0		7.1		3.8		4					
					Middle	4.2	0.2	125	25.7	25.7	8.1	8.1	30.6	30.6	100.6	100.6	6.9	6.9	6.9	6.9	8.3				4	4
						4.2	0.2	123	25.7		8.1		30.7		100.5		6.9		8.3		4					
					Bottom	7.3	0.2	161	25.7	25.7	8.1	8.1	30.5	30.5	100.4	100.5	6.9	6.9	6.9	6.9	9.8				4	4
						7.3	0.2	166	25.7		8.1		30.5		100.5		6.9		9.4		4					

DA: Depth-Averaged

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

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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on **06 May 23** during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA					
IM10	Fine	Calm	11:43	9.2	Surface	1.0	0.5	118	24.7	24.7	7.9	7.9	27.3	27.3	92.2	92.2	6.6	6.6	4.4	5.4	3	4	822252	809820			
						1.0	0.5	124	24.7		7.9		27.3		92.1		6.6		4.4		4						
					Middle	4.6	0.5	104	24.7	24.8	7.9	7.9	27.4	27.4	91.9	92.0	6.5	6.5	5.8	6.5	5.8	6.5			3	4	
						4.6	0.5	98	24.8		7.9		27.4		92.0		6.5		5.8		3						
					Bottom	8.2	0.5	114	24.8	24.9	7.9	7.9	27.5	27.4	92.1	92.2	6.5	6.5	6.1	6.5	6.1	6.5			4	4	
						8.2	0.5	118	24.9		7.9		27.4		92.2		6.5		6.0		4						
IM11	Fine	Calm	11:49	7.8	Surface	1.0	0.6	105	24.6	24.6	7.8	7.8	27.6	27.6	84.6	84.1	6.0	6.0	3.2	4.4	3	3	821502	810558			
						1.0	0.6	111	24.6		7.8		27.6		83.6		6.0		3.2		2						
					Middle	3.9	0.6	88	24.5	24.5	7.8	7.8	27.7	27.7	80.7	78.5	5.8	5.8	4.6	5.4	4.7	5.3			3	3	
						3.9	0.6	90	24.5		7.8		27.7		76.3		5.4		4.7		3						
					Bottom	6.8	0.5	103	24.5	24.5	7.8	7.8	27.7	27.7	74.3	73.6	5.3	5.2	5.4	5.2	5.4	5.3			3	3	
						6.8	0.5	96	24.5		7.8		27.6		72.9		5.2		5.3		3						
IM12	Fine	Calm	11:54	7.4	Surface	1.0	0.7	104	24.7	24.7	7.8	7.8	27.4	27.4	84.8	84.1	6.0	6.0	4.1	5.2	3	3	821138	811511			
						1.0	0.7	109	24.7		7.8		27.4		83.3		5.9		4.1		2						
					Middle	3.7	0.7	88	24.6	24.6	7.8	7.8	27.5	27.5	77.4	76.6	5.5	5.5	5.0	5.4	5.1	5.1			4	4	
						3.7	0.6	83	24.6		7.8		27.5		75.8		5.4		5.1		3						
					Bottom	6.4	0.7	75	24.6	24.6	7.8	7.8	27.6	27.6	71.6	70.4	5.1	4.9	6.4	4.9	6.4	5.0			4	4	
						6.4	0.6	81	24.6		7.8		27.5		69.2		4.9		6.5		4						
SR1A	Fine	Calm	12:08	5.2	Surface	1.0	0.0	110	24.5	24.5	7.8	7.8	27.9	27.9	84.4	84.2	6.0	6.0	5.4	6.0	4	3	819973	812653			
						1.0	-	105	24.5		7.8		27.9		84.0		6.0		5.3		3						
					Middle	2.6	-	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3
						2.6	0.1	110	-		-		-		-		-		-		-				-		-
					Bottom	4.2	0.0	90	24.5	24.5	7.8	7.8	28.0	28.0	82.3	81.9	5.9	5.8	7.0	5.8	7.0	5.9			3	2	
						4.2	0.1	87	24.5		7.8		28.0		81.4		5.8		7.0		2						
SR2	Fine	Calm	12:22	4.8	Surface	1.0	0.5	55	24.6	24.6	7.9	7.9	27.6	27.6	91.4	91.4	6.5	6.5	5.4	6.5	2	3	821457	814159			
						1.0	0.5	52	24.6		7.9		27.6		91.4		6.5		5.4		3						
					Middle	-	0.5	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3
						-	0.5	68	-		-		-		-		-		-		-						
					Bottom	3.8	0.5	21	24.6	24.6	7.9	7.9	27.6	27.6	91.3	91.3	6.5	6.5	6.1	6.5	6.1	6.5			2	3	
						3.8	0.6	25	24.6		7.9		27.6		91.2		6.5		6.0		3						
SR3	Fine	Moderate	12:15	8.9	Surface	1.0	0.5	160	25.6	25.6	8.1	8.1	29.7	29.7	95.4	95.3	6.6	6.6	5.2	6.6	3	4	822147	807578			
						1.0	0.4	156	25.6		8.1		29.8		95.2		6.6		5.3		4						
					Middle	4.5	0.5	138	25.5	25.5	8.1	8.1	30.2	30.2	94.9	94.9	6.5	6.6	6.1	6.6	6.1	6.6			4	4	
						4.5	0.5	133	25.5		8.1		30.2		94.9		6.6		6.1		4						
					Bottom	7.9	0.5	168	25.6	25.6	8.1	8.1	30.1	30.0	95.8	95.8	6.6	6.6	5.4	6.6	5.4	6.6			6	5	
						7.9	0.5	163	25.6		8.1		30.0		95.8		6.6		5.3		5						
SR4A	Fine	Moderate	13:55	9.2	Surface	1.0	0.0	30	25.7	25.7	8.1	8.1	30.8	30.8	99.0	98.9	6.8	6.8	4.4	6.7	6	7	817165	807805			
						1.0	0.0	36	25.7		8.1		30.8		98.8		6.8		4.5		7						
					Middle	4.6	0.0	50	25.5	25.5	8.1	8.1	31.0	31.0	96.7	96.7	6.6	6.6	5.4	6.6	5.6	6.6			7	7	
						4.6	-	44	25.5		8.1		31.0		96.6		6.6		5.6		7						
					Bottom	8.2	0.0	16	25.5	25.5	8.1	8.1	31.0	31.0	96.7	96.8	6.6	6.6	6.2	6.6	6.2	6.6			7	7	
						8.2	0.0	10	25.5		8.1		31.0		96.8		6.6		6.2		7						
SR8	Fine	Calm	11:58	5.4	Surface	1.0	-	-	24.7	24.7	7.8	7.8	27.5	27.5	87.1	86.5	6.2	6.1	5.3	6.2	2	3	820404	811641			
						1.0	-	-	24.7		7.8		27.5		85.9		6.1		5.3		2						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3
						-	-	-	-		-		-		-		-		-		-						
					Bottom	4.4	-	-	24.7	24.7	7.8	7.8	27.5	27.5	80.3	79.7	5.7	5.6	6.8	5.7	6.8	5.6			4	3	
						4.4	-	-	24.7		7.8		27.5		79.1		5.6		6.8		3						

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

**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 06 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA				
C1	Cloudy	Moderate	05:50	8.9	Surface	1.0	0.1	21	25.4	25.4	8.1	8.1	31.6	31.6	99.5	99.5	6.8	6.7	5.3	7.6	4	3	815618	804259		
						1.0	0.1	26	25.4		8.1		31.6		99.5		6.8		5.3		3					
					Middle	4.5	0.2	16	25.1	25.1	8.1	8.1	32.2	32.2	95.4	95.3	6.6	6.6	7.1	6.6	7.0				6.6	3
						4.5	0.1	15	25.1		8.1		32.2		95.2		6.5		7.0		3					
					Bottom	7.9	0.2	1	25.2	25.2	8.1	8.1	32.3	32.3	95.9	96.0	6.6	6.6	10.6	6.6	10.4				6.6	3
						7.9	0.2	356	25.2		8.1		32.3		96.1		6.6		10.4		3					
C2	Cloudy	Moderate	07:24	12.0	Surface	1.0	0.3	337	25.7	25.7	8.1	8.1	29.7	29.8	99.8	99.6	6.9	6.9	9.0	9.3	7	8	825667	806938		
						1.0	0.3	334	25.6		8.1		29.8		99.4		6.9		8.7		8					
					Middle	6.0	0.3	341	25.5	25.5	8.1	8.1	30.8	30.8	98.1	98.1	6.8	6.7	7.7	6.7	7.1				6.7	8
						6.0	0.3	340	25.5		8.1		30.8		98.0		6.8		7.1		9					
					Bottom	11.0	0.3	349	25.5	25.5	8.1	8.1	30.8	30.8	97.7	97.7	6.7	6.7	11.4	6.7	11.9				6.7	9
						11.0	0.3	353	25.5		8.1		30.8		97.7		6.7		11.9		9					
C3	Fine	Calm	07:14	11.4	Surface	1.0	0.5	261	24.5	24.5	7.8	7.8	28.0	28.0	98.8	97.5	7.0	6.9	1.2	2.2	3	3	822086	817799		
						1.0	0.5	260	24.5		7.8		28.0		96.2		6.8		1.2		4					
					Middle	5.7	0.5	268	24.5	24.5	7.8	7.8	28.0	28.0	95.7	95.6	6.8	6.7	2.3	6.7	2.2				6.7	3
						5.7	0.5	269	24.5		7.8		28.0		95.4		6.8		2.2		3					
					Bottom	10.4	0.5	233	24.5	24.5	7.8	7.8	28.0	28.0	94.6	94.3	6.7	6.7	3.1	6.7	3.1				6.7	3
						10.4	0.5	232	24.5		7.8		27.9		94.0		6.7		3.1		2					
IM1	Cloudy	Moderate	06:14	6.9	Surface	1.0	0.1	48	25.6	25.6	8.1	8.1	31.0	31.1	103.0	102.9	7.1	7.0	4.1	6.4	3	3	818371	806471		
						1.0	0.1	46	25.6		8.1		31.1		102.7		7.1		4.0		3					
					Middle	3.5	0.1	21	25.3	25.3	8.1	8.1	31.7	31.8	101.0	100.7	6.9	6.9	8.8	6.9	8.9				6.9	3
						3.5	0.1	17	25.3		8.1		31.8		100.4		6.9		8.9		3					
					Bottom	5.9	0.0	47	25.3	25.3	8.1	8.1	31.7	31.7	98.1	98.2	6.7	6.7	6.5	6.7	6.2				6.7	4
						5.9	0.0	52	25.3		8.1		31.7		98.3		6.7		6.2		4					
IM2	Cloudy	Moderate	06:19	7.2	Surface	1.0	0.1	287	25.6	25.6	8.1	8.1	31.6	31.6	104.3	104.2	7.1	7.1	4.4	7.6	8	6	819178	806212		
						1.0	0.1	280	25.6		8.1		31.6		104.1		7.1		4.5		7					
					Middle	3.6	0.2	291	25.4	25.4	8.1	8.1	31.9	31.9	101.5	101.5	7.0	6.9	7.0	6.9	7.0				6.9	6
						3.6	0.2	284	25.3		8.1		31.9		101.4		7.0		7.0		5					
					Bottom	6.2	0.1	283	25.3	25.4	8.1	8.1	32.0	32.0	101.1	101.2	6.9	6.9	11.0	6.9	11.5				6.9	4
						6.2	0.2	278	25.4		8.1		31.9		101.3		6.9		11.5		3					
IM7	Cloudy	Moderate	06:58	7.7	Surface	1.0	0.1	318	25.9	25.9	8.1	8.1	28.7	28.7	101.5	101.6	7.0	7.0	3.0	5.0	6	5	821355	806823		
						1.0	0.1	324	25.9		8.1		28.7		101.7		7.0		3.1		5					
					Middle	3.9	0.2	341	25.6	25.6	8.1	8.1	30.5	30.5	100.9	100.9	6.9	6.9	5.6	6.9	5.8				6.9	4
						3.9	0.1	337	25.6		8.1		30.5		100.8		6.9		5.8		5					
					Bottom	6.7	0.2	347	25.6	25.6	8.1	8.1	30.7	30.7	100.5	100.5	6.9	6.9	6.2	6.9	6.0				6.9	4
						6.7	0.2	347	25.6		8.1		30.7		100.5		6.9		6.0		4					

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



Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 09 May 23 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value
C1	Cloudy	Moderate	15:21	8.4	Surface	1.0	0.7	206	25.1	25.1	8.0	8.0	33.3	33.4	91.8	91.8	6.3	6.3	5.9	6.8	4	5	815626	804245	
						1.0	0.7	199	25.1		8.0		33.4		91.8		6.3		5.9		5				
					Middle	4.2	0.7	201	25.1	8.0	8.0	33.6	33.6	91.4	91.4	6.2	6.2	6.2	6.2	6.7	6.2				4
						4.2	0.7	206	25.0	8.0	33.6	91.3		6.2		6.7		4							
					Bottom	7.4	0.7	196	25.0	8.0	8.0	33.6	33.6	91.3	91.4	6.2	6.3	6.3	6.3	8.1	6.3				5
						7.4	0.7	191	25.0	8.0	33.5	91.5		6.3		8.0		5							
C2	Cloudy	Moderate	13:47	11.7	Surface	1.0	0.6	165	25.3	25.3	8.0	8.0	29.1	29.2	88.0	88.0	6.1	6.1	4.1	4.5	3	3	825668	806958	
						1.0	0.6	162	25.3		8.0		29.2		88.0		6.1		4.3		2				
					Middle	5.9	0.5	179	25.2	8.0	8.0	29.5	29.5	87.8	87.8	6.1	6.1	6.1	6.1	4.9	6.1				3
						5.9	0.5	182	25.2	8.0	29.5	87.8		6.1		4.9		3							
					Bottom	10.7	0.6	192	25.3	8.0	8.0	29.3	29.3	87.7	87.7	6.1	6.1	6.1	6.1	4.5	6.1				4
						10.7	0.6	193	25.3	8.0	29.2	87.6		6.1		4.4		4							
C3	Misty	Rough	14:54	10.0	Surface	1.0	0.5	59	24.1	24.1	8.0	8.0	28.9	29.0	85.1	85.0	6.1	6.0	2.2	3.8	4	4	822094	817822	
						1.0	0.5	64	24.1		8.0		29.0		84.8		6.0		2.3		4				
					Middle	5.0	0.6	87	23.9	8.0	8.0	30.3	30.3	82.9	82.9	5.9	5.9	6.0	6.0	3.9	6.0				3
						5.0	0.5	89	23.9	8.0	30.3	82.8		5.9		4.0		4							
					Bottom	9.0	0.6	71	24.0	8.0	8.0	30.3	30.3	82.4	82.4	5.8	5.8	5.8	5.8	5.1	5.8				3
						9.0	0.6	67	23.9	8.0	30.3	82.3		5.8		5.1		3							
IM1	Cloudy	Moderate	15:00	7.4	Surface	1.0	0.5	185	25.3	25.3	8.0	8.0	31.6	31.6	91.9	92.0	6.3	6.3	3.8	7.7	4	4	818346	806434	
						1.0	0.5	190	25.2		8.1		31.7		92.0		6.3		3.8		4				
					Middle	3.7	0.4	195	25.1	8.0	8.0	33.0	33.0	91.4	91.4	6.3	6.2	6.3	6.2	7.6	6.2				3
						3.7	0.5	197	25.1	8.0	33.1	91.3		6.2		7.9		4							
					Bottom	6.4	0.5	172	25.0	8.0	8.0	33.5	33.4	90.0	89.9	6.2	6.2	6.2	6.2	11.7	6.2				3
						6.4	0.4	178	25.0	8.0	33.4	89.8		6.1		11.8		3							
IM2	Cloudy	Moderate	14:56	7.6	Surface	1.0	0.6	189	25.2	25.2	8.1	8.1	32.0	32.1	92.3	92.3	6.3	6.3	4.6	7.4	4	4	819199	806224	
						1.0	0.6	195	25.2		8.1		32.2		92.2		6.3		4.7		5				
					Middle	3.8	0.6	202	25.1	8.0	8.0	33.5	33.5	91.1	91.1	6.2	6.2	6.3	6.2	6.9	6.2				4
						3.8	0.5	209	25.1	8.0	33.5	91.1		6.2		7.1		4							
					Bottom	6.6	0.6	206	25.0	8.0	8.0	33.5	33.5	90.9	90.9	6.2	6.2	6.2	6.2	10.9	6.2				4
						6.6	0.6	208	25.0	8.0	33.6	90.8		6.2		10.2		4							
IM7	Cloudy	Moderate	14:26	8.1	Surface	1.0	0.3	163	25.2	25.2	8.0	8.0	30.7	30.8	90.1	90.0	6.2	6.2	5.8	8.2	5	5	821367	806855	
						1.0	0.3	165	25.2		8.0		31.0		89.9		6.2		6.5		5				
					Middle	4.1	0.3	164	25.1	8.0	8.0	32.1	32.1	89.5	89.5	6.2	6.2	6.2	6.2	8.3	6.2				4
						4.1	0.3	171	25.1	8.0	32.1	89.5		6.2		8.1		5							
					Bottom	7.1	0.3	141	25.0	8.0	8.0	32.4	32.4	89.4	89.5	6.2	6.2	6.2	6.2	10.2	6.2				4
						7.1	0.3	136	24.9	8.0	32.4	89.5		6.2		10.6		5							

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



**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 09 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA								
C1	Cloudy	Moderate	08:07	7.8	Surface	1.0	0.4	44	25.1	25.1	8.0	8.0	33.1	33.1	92.6	92.5	6.3	6.3	6.3	6.3	8.0	8.0	8	8	815596	804239				
						1.0	0.4	45	25.1		8.0		33.2		92.4		6.3										8.0	8		
					Middle	3.9	0.4	28	25.0	25.0	8.0	8.0	33.6	33.6	92.2	92.2	6.3	6.3	6.3	6.3	6.3	6.3	6.4	7.9			7.9	10	8	
						3.9	0.3	24	25.0		8.0		33.6		92.2		6.3													6.8
					Bottom	6.8	0.4	12	24.7	24.7	8.0	8.0	33.8	33.8	92.9	93.1	6.4	6.4	6.4	6.4	6.4	6.4	6.4	9.0			9.0	8	8	
						6.8	0.4	9	24.6		8.0		33.8		93.3		6.4													9.0
C2	Cloudy	Moderate	09:34	11.4	Surface	1.0	0.4	336	25.3	25.3	8.0	8.0	29.0	29.0	87.8	87.8	6.1	6.1	6.1	6.1	3.9	4.2	5	4	825690	806937				
						1.0	0.4	338	25.3		8.0		29.0		87.8		6.1										4.2	4		
					Middle	5.7	0.5	339	25.2	25.2	8.0	8.0	30.0	30.1	87.3	87.3	6.1	6.1	6.1	6.1	6.1	6.1	8.8	7.6			7.6	4	3	
						5.7	0.4	343	25.2		8.0		30.1		87.3		6.1													8.1
					Bottom	10.4	0.5	350	25.1	25.1	8.0	8.0	30.3	30.3	87.3	87.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	10.2			7.6	7.6	2	3
						10.4	0.5	354	25.1		8.0		30.3		87.2		6.1													
C3	Misty	Moderate	08:00	11.8	Surface	1.0	0.4	250	24.0	24.0	7.9	7.9	29.8	29.9	85.6	85.5	6.1	6.1	6.1	6.1	2.8	2.8	4	4	822113	817804				
						1.0	0.5	255	24.0		7.9		29.0		85.4		6.1										2.8	4		
					Middle	5.9	0.4	263	23.9	23.9	7.9	7.9	30.8	30.8	84.5	84.5	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0			5	4		
						5.9	0.4	256	23.9		7.9		30.8		84.4		6.0												4.1	4
					Bottom	10.8	0.4	233	23.9	23.9	7.9	7.9	30.8	30.8	84.1	84.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1			4.0	5	4	
						10.8	0.5	229	23.9		7.9		30.8		84.0		5.9													5.2
IM1	Cloudy	Moderate	08:32	6.9	Surface	1.0	0.3	14	25.1	25.1	8.0	8.0	31.9	31.9	92.6	92.6	6.4	6.4	6.4	6.4	5.8	5.9	8	8	818354	806435				
						1.0	0.3	9	25.1		8.0		31.9		92.6		6.4										5.9	8		
					Middle	3.5	0.3	18	25.1	25.1	8.0	8.0	32.8	32.9	91.9	91.8	6.3	6.3	6.3	6.3	6.3	6.3	8.4	7.7			7.7	7	7	
						3.5	0.3	14	25.1		8.0		32.9		91.7		6.3													8.8
					Bottom	5.9	0.2	33	25.1	25.1	8.0	8.0	33.3	33.3	91.4	91.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	8.5			7.7	7.7	5	7
						5.9	0.2	39	25.1		8.0		33.3		91.4		6.2													
IM2	Cloudy	Moderate	08:36	7.4	Surface	1.0	0.2	7	25.2	25.2	8.0	8.0	31.4	31.4	91.9	92.0	6.3	6.3	6.3	6.3	4.2	4.4	8	8	819167	806218				
						1.0	0.2	4	25.2		8.1		31.5		92.0		6.3										4.4	8		
					Middle	3.7	0.2	19	25.1	25.1	8.1	8.0	32.7	32.7	91.5	91.5	6.3	6.3	6.3	6.3	6.3	6.3	9.3	7.6			7.6	6	7	
						3.7	0.2	14	25.1		8.0		32.8		91.4		6.3													9.9
					Bottom	6.4	0.3	26	25.0	25.0	8.0	8.0	33.4	33.4	90.9	90.9	6.2	6.2	6.2	6.2	6.2	6.2	6.2	9.0			7.6	7.6	5	7
						6.4	0.3	25	24.9		8.0		33.5		90.8		6.2													
IM7	Cloudy	Moderate	09:10	7.7	Surface	1.0	0.2	348	25.3	25.3	8.0	8.0	29.9	29.9	90.2	90.1	6.3	6.3	6.3	6.3	4.5	4.6	3	4	821326	806835				
						1.0	0.1	341	25.3		8.0		30.0		90.0		6.2										4.6	4		
					Middle	3.9	0.2	355	25.1	25.1	8.0	8.0	31.4	31.4	88.7	88.7	6.1	6.1	6.1	6.1	6.1	6.1	8.0	7.9			7.9	4	5	
						3.9	0.2	357	25.1		8.0		31.5		88.7		6.1													8.4
					Bottom	6.7	0.2	11	25.1	25.1	8.1	8.1	31.9	31.9	88.4	88.4	6.1	6.1	6.1	6.1	6.1	6.1	6.1	10.8			7.9	7.9	6	5
						6.7	0.2	8	25.1		8.1		31.9		88.4		6.1													

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**

**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 09 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)	Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA	
IM10	Misty	Moderate	09:12	10.6	Surface	1.0	0.5	298	24.3	8.0	8.0	26.4	26.4	87.6	87.5	6.3	6.3	2.9	2.9	3	4	822236	809840			
						1.0	0.5	303	24.3	8.0	8.0	26.5	26.4	87.4	87.5	6.3	6.2	2.9	2.9	4						
					Middle	5.3	0.5	291	24.1	8.0	8.0	28.5	28.5	84.9	84.8	6.1	6.0	4.6	4.6	4				4		
						5.3	0.5	295	24.1	8.0	8.0	28.5	28.5	84.7	84.8	6.0	5.9	4.5	4.5	5				5		
					Bottom	9.6	0.5	309	24.1	8.0	8.0	28.5	28.5	82.8	82.7	5.9	5.9	5.0	5.0	4				4		
						9.6	0.5	310	24.0	8.0	8.0	28.5	28.5	82.6	82.7	5.9	5.9	5.1	5.1	5				5		
IM11	Misty	Moderate	09:04	8.4	Surface	1.0	0.6	283	24.3	7.9	7.9	27.2	27.2	83.4	83.3	6.0	6.0	2.2	2.2	4	5	821477	810547			
						1.0	0.6	282	24.3	7.9	7.9	27.3	27.2	83.1	83.3	6.0	5.9	2.3	2.3	5						
					Middle	4.2	0.6	275	24.2	7.9	7.9	27.5	27.6	81.8	81.7	5.9	5.8	3.6	3.6	4				4		
						4.2	0.6	270	24.2	7.9	7.9	27.6	27.6	81.5	81.7	5.8	5.8	3.7	3.7	5				5		
					Bottom	7.4	0.5	278	24.1	7.9	7.9	27.7	27.7	80.6	80.5	5.8	5.8	4.2	4.2	5				5		
						7.4	0.5	274	24.0	7.9	7.9	27.7	27.7	80.4	80.5	5.8	5.8	4.3	4.3	4				4		
IM12	Misty	Moderate	08:57	10.0	Surface	1.0	0.5	272	24.3	7.9	7.9	27.5	27.5	83.5	83.4	6.0	6.0	1.1	1.1	3	4	821147	811519			
						1.0	0.5	266	24.3	7.9	7.9	27.6	27.5	83.2	83.4	6.0	5.9	1.2	1.2	4						
					Middle	5.0	0.5	275	24.2	7.9	7.9	28.0	28.0	81.4	81.3	5.8	5.8	2.8	2.8	4				4		
						5.0	0.4	271	24.2	7.9	7.9	28.0	28.0	81.1	81.3	5.8	5.7	2.7	2.7	4				4		
					Bottom	9.0	0.5	293	24.0	7.9	7.9	28.1	28.1	79.7	79.6	5.7	5.7	3.9	3.9	4				4		
						9.0	0.5	291	23.9	7.9	7.9	28.2	28.1	79.4	79.6	5.7	5.7	3.9	3.9	4				4		
SR1A	Misty	Moderate	08:37	4.8	Surface	1.0	0.0	175	24.0	7.9	7.9	27.0	27.0	78.7	78.6	5.7	5.7	2.1	2.1	2	4	819983	812654			
						1.0	-	168	24.0	7.9	7.9	27.0	27.0	78.5	78.6	5.7	5.7	2.2	2.2	3						
					Middle	2.4	0.1	169	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
						2.4	0.1	174	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
					Bottom	3.8	0.1	193	23.7	7.9	7.9	27.5	27.5	77.5	77.3	5.6	5.6	3.0	3.0	5				5		
						3.8	0.1	188	23.6	7.9	7.9	27.4	27.5	77.1	77.3	5.6	5.6	3.1	3.1	4				4		
SR2	Misty	Moderate	08:20	4.6	Surface	1.0	0.2	255	24.2	7.9	7.9	27.4	27.4	82.0	81.9	5.9	5.9	2.5	2.5	4	3	821462	814185			
						1.0	0.2	249	24.2	7.9	7.9	27.4	27.4	81.8	81.9	5.9	5.9	2.6	2.6	3						
					Middle	-	0.1	258	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3
						-	0.1	263	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3
					Bottom	3.6	0.2	239	24.2	7.9	7.9	27.4	27.4	81.1	81.0	5.8	5.8	5.3	5.3	3				3		
						3.6	0.2	242	24.2	7.9	7.9	27.4	27.4	80.9	81.0	5.8	5.8	5.2	5.2	3				3		
SR3	Cloudy	Moderate	09:17	8.4	Surface	1.0	0.4	332	25.3	8.0	8.0	29.0	29.0	88.6	88.6	6.2	6.2	3.8	3.8	5	4	822136	807547			
						1.0	0.4	326	25.3	8.0	8.0	29.1	29.0	88.6	88.6	6.2	6.2	4.0	4.0	4						
					Middle	4.2	0.4	347	25.2	8.0	8.0	30.3	30.4	88.8	88.8	6.2	6.2	7.0	7.0	4				4		
						4.2	0.3	352	25.2	8.0	8.0	30.5	30.4	88.8	88.8	6.2	6.2	7.5	7.5	4				4		
					Bottom	7.4	0.4	354	25.2	8.0	8.0	30.7	30.7	88.8	88.8	6.2	6.2	7.7	7.7	4				4		
						7.4	0.4	349	25.2	8.0	8.0	30.7	30.7	88.8	88.8	6.2	6.2	7.7	7.7	3				3		
SR4A	Cloudy	Moderate	07:40	9.4	Surface	1.0	0.0	177	25.2	8.0	8.0	31.7	31.7	91.8	91.8	6.3	6.3	7.1	7.1	9	9	817172	807792			
						1.0	0.0	184	25.2	8.0	8.0	31.7	31.7	91.7	91.8	6.3	6.3	7.3	7.3	8						
					Middle	4.7	0.0	185	25.1	8.0	8.0	32.2	32.2	91.4	91.5	6.3	6.3	8.6	8.6	9				9		
						4.7	0.1	178	25.1	8.0	8.0	32.2	32.2	91.5	91.5	6.3	6.3	8.4	8.4	8				8		
					Bottom	8.4	0.0	190	25.1	8.0	8.0	32.2	32.2	92.3	92.4	6.3	6.3	7.1	7.1	9				9		
						8.4	0.0	185	25.1	8.0	8.0	32.2	32.2	92.4	92.4	6.3	6.3	7.1	7.1	9				9		
SR8	Misty	Moderate	08:52	5.8	Surface	1.0	-	-	24.2	7.9	7.9	28.1	28.1	80.3	80.2	5.7	5.7	2.6	2.6	4	4	820408	811620			
						1.0	-	-	24.2	7.9	7.9	28.1	28.1	80.1	80.2	5.7	5.7	2.5	2.5	4						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
					Bottom	4.8	-	-	23.9	7.9	7.9	28.3	28.3	79.4	79.4	5.7	5.7	3.6	3.6	3				3		
						4.8	-	-	23.9	7.9	7.9	28.3	28.3	79.3	79.3	5.7	5.7	3.6	3.6	4				4		

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



Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 11 May 23 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
C1	Cloudy	Moderate	17:02	8.3	Surface	1.0	0.7	226	25.0	25.0	8.0	8.0	32.2	32.3	93.7	93.6	6.5	6.5	7.4	8.0	2	3	815609	804252		
						1.0	0.7	227	25.0		8.0		32.3		93.5		6.4		7.7		3					
					Middle	4.2	0.6	217	24.9	24.9	8.0	8.0	32.9	32.9	93.9	93.9	6.5	6.5	7.8	6.6	8.6	6.6			2	3
						4.2	0.7	213	24.9		8.0		32.9		93.9		6.5		7.8		3					
					Bottom	7.3	0.7	202	24.9	24.9	8.0	8.0	32.8	32.8	95.1	95.3	6.5	6.6	8.6	6.6	8.9	6.6			3	3
						7.3	0.7	209	24.9		8.0		32.7		95.4		6.6		8.9		3					
C2	Cloudy	Moderate	15:33	12.3	Surface	1.0	0.4	166	25.0	25.0	8.0	8.0	28.4	28.5	91.2	91.2	6.4	6.4	2.1	2.4	3	3	825679	806956		
						1.0	0.4	172	25.0		8.0		28.5		91.1		6.4		2.3		2					
					Middle	6.2	0.4	188	25.0	25.0	8.0	8.0	29.0	29.0	90.1	90.0	6.3	6.3	2.5	6.3	2.5	6.3			2	2
						6.2	0.4	193	25.0		8.0		29.1		89.8		6.3		2.5		2					
					Bottom	11.3	0.4	159	25.0	25.0	8.0	8.0	30.7	30.6	88.6	90.3	6.2	6.4	2.5	6.4	2.4	6.4			2	4
						11.3	0.5	165	25.0		8.0		30.6		92.0		6.4		2.4		4					
C3	Misty	Moderate	16:43	10.4	Surface	1.0	0.5	57	23.8	23.8	7.9	7.9	30.2	30.2	83.8	83.7	6.0	5.9	1.1	1.7	2	3	822102	817792		
						1.0	0.5	58	23.8		7.9		30.3		83.6		5.9		1.1		3					
					Middle	5.2	0.5	52	23.8	23.8	7.9	7.9	30.5	30.5	83.4	83.5	5.9	5.9	1.6	6.0	1.5	6.0			3	4
						5.2	0.5	58	23.8		7.9		30.5		83.5		5.9		1.5		3					
					Bottom	9.4	0.5	74	23.8	23.8	7.9	7.9	30.5	30.5	84.3	84.5	6.0	6.0	2.4	6.0	2.4	6.0			4	2
						9.4	0.6	66	23.8		7.9		30.5		84.6		6.0		2.4		2					
IM1	Cloudy	Moderate	16:40	6.2	Surface	1.0	0.4	191	25.0	25.0	8.0	8.0	31.1	31.1	95.2	95.2	6.6	6.6	4.1	6.7	3	3	818360	806456		
						1.0	0.4	194	25.0		8.0		31.1		95.2		6.6		4.1		4					
					Middle	3.1	0.4	183	24.9	24.9	8.0	8.0	32.0	32.1	93.7	93.7	6.5	6.5	7.0	6.5	9.3	6.5			2	2
						3.1	0.4	182	24.9		8.0		32.1		93.6		6.5		7.0		2					
					Bottom	5.2	0.4	178	24.9	24.9	8.0	8.0	32.8	32.8	94.2	94.3	6.5	6.5	9.6	6.5	9.6	6.5			2	2
						5.2	0.3	175	24.9		8.0		32.7		94.4		6.5		9.6		<2					
IM2	Cloudy	Moderate	16:34	7.5	Surface	1.0	0.5	197	24.9	24.9	8.0	8.0	31.8	31.9	93.8	93.7	6.5	6.5	8.4	8.7	2	2	819198	806227		
						1.0	0.4	201	24.9		8.0		32.0		93.6		6.5		8.0		2					
					Middle	3.8	0.4	196	24.9	24.9	8.0	8.0	32.6	32.7	93.2	93.3	6.4	6.4	10.0	6.5	8.7	6.5			2	2
						3.8	0.4	200	24.9		8.0		32.7		93.4		6.4		10.0		<2					
					Bottom	6.5	0.5	218	24.9	24.9	8.0	8.0	32.8	32.8	94.7	94.9	6.5	6.5	8.2	6.5	8.2	6.5			2	2
						6.5	0.5	224	24.9		8.0		32.8		95.0		6.5		8.2		<2					
IM7	Cloudy	Moderate	16:01	8.5	Surface	1.0	0.3	169	25.0	25.0	8.0	8.0	28.2	28.2	93.0	93.0	6.6	6.6	4.5	7.1	2	2	821360	806855		
						1.0	0.3	175	24.9		8.0		28.2		92.9		6.6		4.4		2					
					Middle	4.3	0.3	177	24.9	24.9	8.0	8.0	30.9	31.0	93.5	93.6	6.5	6.5	8.4	6.6	8.2	6.6			3	3
						4.3	0.2	175	24.9		8.0		31.1		93.7		6.5		8.4		3					
					Bottom	7.5	0.3	178	24.7	24.7	8.0	8.0	31.5	31.6	94.5	94.7	6.6	6.6	8.7	6.6	8.7	6.6			2	2
						7.5	0.2	173	24.6		8.0		31.6		94.8		6.6		8.7		2					

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Water Quality Monitoring

Water Quality Monitoring Results on 11 May 23 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
IM10	Misty	Moderate	15:36	9.8	Surface	1.0	0.5	96	23.9	23.9	7.9	7.9	26.8	26.9	92.2	92.1	6.7	6.4	1.8	3.0	4	4	822255	809852		
						1.0	0.5	94	23.9		7.9		27.0		92.0		6.6		1.9		5					
					Middle	4.9	0.5	107	24.0	24.0	7.9	7.9	28.0	28.0	86.1	86.1	6.2	6.2	3.0	6.3	4	6.3			3	6.3
						4.9	0.5	113	24.0		7.9		28.0		86.1		6.2		3.1		4					
					Bottom	8.8	0.5	103	24.0	24.0	7.9	7.9	28.1	28.1	87.0	87.1	6.2	6.3	4.1	6.3	3	6.3			3	6.3
						8.8	0.5	106	23.9		7.9		28.1		87.2		6.3		4.1		2					
IM11	Misty	Moderate	15:44	8.6	Surface	1.0	0.6	102	24.0	24.0	7.9	7.9	28.0	28.0	86.4	86.4	6.2	6.2	1.9	3.2	2	3	821496	810546		
						1.0	0.6	101	24.0		7.9		28.0		86.3		6.2		2.0		2					
					Middle	4.3	0.6	111	24.0	24.0	7.9	7.9	28.3	28.3	86.2	86.4	6.2	6.2	3.1	6.3	3	6.3			3	6.3
						4.3	0.6	109	24.0		7.9		28.3		86.6		6.2		3.2		3					
					Bottom	7.6	0.6	112	23.8	23.8	7.9	7.9	28.4	28.4	87.2	87.5	6.3	6.3	4.6	6.3	3	6.3			3	6.3
						7.6	0.6	109	23.8		7.9		28.4		87.7		6.3		4.6		3					
IM12	Misty	Moderate	15:51	8.6	Surface	1.0	0.6	110	24.0	24.0	7.9	7.9	28.6	28.6	86.7	86.7	6.2	6.3	2.6	3.0	2	2	821150	811533		
						1.0	0.6	108	24.0		7.9		28.6		86.7		6.2		2.7		2					
					Middle	4.3	0.6	97	24.0	24.0	7.9	7.9	28.6	28.6	87.6	87.8	6.3	6.3	3.0	6.4	2	6.4			2	6.4
						4.3	0.6	98	24.0		7.9		28.6		87.9		6.3		3.1		2					
					Bottom	7.6	0.7	118	23.9	23.9	7.9	7.9	28.6	28.6	89.4	89.5	6.4	6.4	3.4	6.4	3	6.4			3	6.4
						7.6	0.7	121	23.9		7.9		28.6		89.6		6.4		3.5		2					
SR1A	Misty	Moderate	16:05	5.6	Surface	1.0	-	103	23.9	23.9	7.9	7.9	28.0	28.0	87.0	87.0	6.3	6.3	1.6	2.0	3	2	819978	812654		
						1.0	0.0	101	23.8		7.9		28.0		87.0		6.3		1.5		2					
					Middle	2.8	0.0	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
						2.8	-	93	-		-		-		-		-		-		-					
					Bottom	4.6	0.0	67	23.8	23.8	7.9	7.9	28.0	27.9	87.4	87.4	6.3	6.3	2.5	6.3	2	6.3			2	6.3
						4.6	-	71	23.8		7.9		27.9		87.4		6.3		2.5		2					
SR2	Misty	Moderate	16:24	5.4	Surface	1.0	0.6	58	23.9	23.9	7.9	7.9	28.4	28.4	90.2	90.2	6.5	6.5	1.5	1.5	<2	2	821482	814163		
						1.0	0.6	59	23.9		7.9		28.4		90.2		6.5		1.5		<2					
					Middle	-	0.6	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
						-	0.6	65	-		-		-		-		-		-							
					Bottom	4.4	0.6	44	23.9	23.9	7.9	7.9	28.5	28.5	90.1	90.1	6.5	6.5	1.5	6.5	1.5	6.5			<2	6.5
						4.4	0.6	49	23.9		7.9		28.5		90.1		6.5		1.6		2					
SR3	Cloudy	Moderate	15:54	8.9	Surface	1.0	0.5	161	25.0	25.0	8.0	8.0	28.9	29.0	91.5	91.5	6.4	6.4	3.4	7.4	3	3	822143	807562		
						1.0	0.5	155	25.0		8.0		29.1		91.4		6.4		3.8		2					
					Middle	4.5	0.6	153	24.9	24.9	8.0	8.0	29.8	29.9	91.9	92.0	6.4	6.4	9.9	6.4	3	6.4			3	6.4
						4.5	0.6	158	24.9		8.0		29.9		92.0		6.4		9.8		3					
					Bottom	7.9	0.5	167	24.9	24.9	8.0	8.0	30.3	30.2	92.5	92.7	6.5	6.5	8.9	6.5	2	6.5			2	6.5
						7.9	0.4	173	24.9		8.0		30.2		92.9		6.5		8.6		2					
SR4A	Cloudy	Moderate	17:29	8.9	Surface	1.0	0.0	12	25.0	25.0	8.0	8.0	31.9	31.9	92.3	92.4	6.4	6.4	7.2	8.9	2	2	817187	807828		
						1.0	0.0	8	25.0		8.0		31.9		92.4		6.4		7.6		2					
					Middle	4.5	0.0	37	24.9	24.9	8.0	8.0	32.0	32.0	93.3	93.4	6.4	6.5	9.4	6.4	2	6.4			2	6.4
						4.5	-	31	24.9		8.0		32.0		93.5		6.5		9.7		<2					
					Bottom	7.9	0.0	16	24.9	24.9	8.0	8.0	32.0	32.0	93.9	94.1	6.5	6.5	9.7	6.5	<2	6.5			2	6.5
						7.9	0.0	9	24.9		8.0		32.0		94.2		6.5		9.9		2					
SR8	Misty	Moderate	15:55	5.2	Surface	1.0	-	-	23.9	23.9	7.9	7.9	28.5	28.5	86.8	86.8	6.2	6.2	2.0	2.1	2	2	820413	811629		
						1.0	-	-	23.9		7.9		28.5		86.8		6.2		2.1		<2					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
						-	-	-	-		-		-		-		-		-							
					Bottom	4.2	-	-	23.9	23.9	7.9	7.9	28.6	28.5	89.5	89.6	6.4	6.4	2.2	6.4	3	6.4			3	6.4
						4.2	-	-	23.9		7.9		28.5		89.7		6.4		2.3		2					

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

**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 11 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA				
C1	Cloudy	Moderate	04:29	8.2	Surface	1.0	0.0	109	25.0	25.0	8.0	8.0	31.9	32.0	92.7	92.7	6.4	6.4	9.7	6.4	2	2	815642	804246						
						1.0	0.0	115	25.0		8.0		32.1		92.6		6.4		9.7		2									
					Middle	4.1	0.1	85	24.9	24.9	8.0	8.0	32.7	32.7	92.5	92.6	6.4	6.4	6.2	6.4	6.1				6.4	6.4	6.4	<2	2	
						4.1	0.1	78	24.9		8.0		32.8		92.6		6.4		6.1		2									
					Bottom	7.2	0.1	95	24.9	25.0	8.0	8.0	32.8	32.7	93.1	93.2	6.4	6.4	7.6	6.4	7.2				6.4	7.2	6.4	2	2	
						7.2	0.1	99	25.0		8.0		32.7		93.3		6.4		7.2		2									
C2	Cloudy	Moderate	05:50	11.2	Surface	1.0	0.2	187	25.0	25.0	8.0	8.0	28.4	28.4	92.3	92.3	6.5	6.5	2.1	6.3	2.1	4.1	3	825678	806953					
						1.0	0.2	192	25.0		8.0		28.4		92.2		6.5		2.1		4									
					Middle	5.6	0.3	185	25.0	25.0	8.0	8.0	28.5	28.5	87.4	87.3	6.2	6.1	2.1	6.1	2.0					6.1	2.1	6.1	3	3
						5.6	0.2	184	25.0		8.0		28.5		87.1		6.1		2.0		4									
					Bottom	10.2	0.2	187	24.9	24.9	8.0	8.0	30.8	30.7	87.5	87.6	6.1	6.1	8.5	6.1	8.1					6.1	8.1	6.1	2	2
						10.2	0.2	193	24.9		8.0		30.7		87.6		6.1		8.1		2									
C3	Misty	Moderate	05:19	11.4	Surface	1.0	0.1	77	23.8	23.8	7.8	7.8	29.0	29.1	88.5	88.5	6.3	6.1	1.0	6.1	1.0	1.8	3	822116	817787					
						1.0	0.1	84	23.8		7.8		29.1		88.4		6.3		1.0		3									
					Middle	5.7	0.1	50	23.8	23.8	7.9	7.9	30.1	30.2	83.2	83.1	5.9	5.9	1.4	5.9	1.5					5.9	1.4	5.9	2	2
						5.7	0.1	55	23.8		7.9		30.2		83.0		5.9		1.5		<2									
					Bottom	10.4	0.1	74	23.8	23.8	7.9	7.9	30.1	30.0	83.2	83.3	5.9	5.9	2.8	5.9	2.8					5.9	2.8	5.9	3	3
						10.4	0.1	69	23.8		7.9		29.8		83.3		5.9		2.8		2									
IM1	Cloudy	Moderate	04:50	6.4	Surface	1.0	0.0	51	24.9	24.9	8.0	8.0	31.5	31.6	93.3	93.3	6.5	6.5	5.6	6.5	5.6	8.9	3	818371	806459					
						1.0	0.0	48	24.9		8.0		31.7		93.3		6.5		5.8		3									
					Middle	3.2	0.1	40	24.9	24.9	8.0	8.0	32.5	32.5	93.8	93.9	6.5	6.5	9.2	6.5	9.3					6.5	9.3	6.5	3	3
						3.2	0.0	40	24.9		8.0		32.5		93.9		6.5		9.3		2									
					Bottom	5.4	0.1	66	24.9	24.9	8.0	8.0	32.6	32.6	94.7	94.9	6.5	6.5	11.7	6.5	11.7					6.5	11.7	6.5	2	2
						5.4	0.1	60	24.9		8.0		32.6		95.0		6.5		11.7		<2									
IM2	Cloudy	Moderate	04:55	6.9	Surface	1.0	0.0	33	24.9	24.9	8.0	8.0	31.3	31.4	92.2	92.2	6.4	6.4	6.6	6.4	6.6	7.6	2	819165	806241					
						1.0	0.0	40	24.9		8.0		31.5		92.1		6.4		6.7		2									
					Middle	3.5	0.0	40	24.9	24.9	8.0	8.0	32.2	32.2	91.7	91.7	6.3	6.3	7.8	6.3	7.9					6.3	7.9	6.3	<2	2
						3.5	0.1	33	24.9		8.0		32.3		91.7		6.3		7.9		<2									
					Bottom	5.9	0.0	33	24.9	24.9	8.0	8.0	32.5	32.5	91.8	91.9	6.3	6.3	8.3	6.3	8.3					6.3	8.3	6.3	2	2
						5.9	0.0	30	24.9		8.0		32.5		91.9		6.3		8.4		2									
IM7	Cloudy	Moderate	05:27	7.5	Surface	1.0	0.1	139	25.0	25.0	8.0	8.0	28.4	28.4	92.4	92.4	6.5	6.5	3.4	6.5	3.4	5.8	3	821340	806855					
						1.0	0.1	141	25.0		8.0		28.4		92.3		6.5		3.9		3									
					Middle	3.8	0.0	148	24.9	24.9	8.0	8.0	28.7	28.7	92.9	92.9	6.5	6.5	5.7	6.5	6.1					6.5	6.1	6.5	2	2
						3.8	0.0	145	24.9		8.0		28.7		92.9		6.5		6.1		3									
					Bottom	6.5	0.1	136	24.9	24.9	8.0	8.0	31.4	31.4	93.7	93.9	6.5	6.5	8.0	6.5	8.0					6.5	8.0	6.5	3	3
						6.5	0.0	132	24.9		8.0		31.4		94.1		6.5		8.0		3									

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



**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 13 May 23 during Mid-Ebb Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	07:49	7.6	Surface	1.0	0.1	218	24.7	8.2	8.2	30.8	30.8	93.8	93.8	6.5	6.5	3.0	3.0	4	4	815627	804254	
						1.0	0.1	220	24.7	8.2	8.2	30.8	30.8	93.8	93.8	6.5	6.5	3.0	3.0	4	4			
					Middle	3.8	0.1	187	24.6	8.2	8.2	32.6	32.6	93.1	93.1	6.4	6.4	2.3	2.4	4	5			
						3.8	0.1	183	24.6	8.2	8.2	32.6	32.6	93.0	93.0	6.4	6.4	2.4	2.4	5	5			
					Bottom	6.6	0.1	195	24.6	8.2	8.2	33.2	33.2	90.4	90.5	6.2	6.2	5.0	5.1	4	4			
						6.6	0.1	201	24.6	8.2	8.2	33.2	33.2	90.5	90.5	6.2	6.2	5.1	5.1	4	4			
C2	Cloudy	Rough	09:35	9.1	Surface	1.0	0.2	157	24.9	8.2	8.2	28.7	28.7	92.6	92.6	6.5	6.5	1.3	1.3	5	4	825661	806943	
						1.0	0.2	163	24.9	8.2	8.2	28.7	28.7	92.6	92.6	6.5	6.5	1.3	1.3	4	4			
					Middle	4.6	0.2	181	24.8	8.2	8.2	30.3	30.3	88.0	88.0	6.1	6.1	3.4	3.5	4	5			
						4.6	0.2	173	24.8	8.2	8.2	30.3	30.3	88.0	88.0	6.1	6.1	3.5	3.5	5	5			
					Bottom	8.1	0.3	166	24.7	8.2	8.2	31.1	31.1	89.0	89.0	6.2	6.2	4.2	4.2	2	2			
						8.1	0.3	171	24.7	8.2	8.2	31.1	31.1	89.0	89.0	6.2	6.2	4.2	4.2	2	2			
C3	Rainy	Calm	08:01	12.4	Surface	1.0	0.1	60	23.7	7.9	7.9	29.1	29.2	85.8	85.7	6.1	6.1	1.2	1.2	2	3	822121	817796	
						1.0	0.1	64	23.7	7.9	7.9	29.2	29.2	85.6	85.6	6.1	6.1	1.2	1.2	3	3			
					Middle	6.2	0.0	61	23.7	7.9	7.9	29.6	29.7	84.8	84.8	6.1	6.1	2.3	2.3	3	4			
						6.2	0.0	67	23.6	7.9	7.9	29.7	29.7	84.7	84.7	6.1	6.1	2.3	2.3	4	4			
					Bottom	11.4	0.1	67	23.6	7.9	7.9	30.0	30.0	86.7	86.9	6.2	6.2	3.8	3.8	4	4			
						11.4	0.1	62	23.6	7.9	7.9	29.9	30.0	87.1	86.9	6.2	6.2	3.8	3.8	4	4			
IM1	Cloudy	Moderate	08:17	6.7	Surface	1.0	0.1	201	24.6	8.2	8.2	30.5	30.5	94.7	94.7	6.6	6.6	2.0	2.0	4	4	818338	806473	
						1.0	0.1	195	24.6	8.2	8.2	30.5	30.5	94.7	94.7	6.6	6.6	2.0	2.0	4	4			
					Middle	3.4	0.1	183	24.7	8.2	8.2	33.0	33.0	92.3	92.3	6.4	6.4	3.5	3.5	3	4			
						3.4	0.1	176	24.7	8.2	8.2	33.0	33.0	92.3	92.3	6.4	6.4	3.5	3.5	4	4			
					Bottom	5.7	0.1	188	24.6	8.2	8.2	33.2	33.2	89.5	89.5	6.2	6.2	5.3	5.3	4	4			
						5.7	0.1	194	24.6	8.2	8.2	33.2	33.2	89.5	89.5	6.2	6.2	5.4	5.4	3	3			
IM2	Cloudy	Moderate	08:30	6.5	Surface	1.0	0.1	199	24.6	8.2	8.2	30.9	30.9	92.4	92.4	6.5	6.4	3.2	3.4	7	6	819161	806237	
						1.0	0.1	192	24.6	8.2	8.2	30.9	30.9	92.3	92.4	6.4	6.4	3.4	3.4	6	6			
					Middle	3.3	0.1	215	24.7	8.2	8.2	32.9	32.9	91.3	91.4	6.3	6.3	4.5	4.5	6	6			
						3.3	0.1	217	24.7	8.2	8.2	32.9	32.9	91.4	91.4	6.3	6.3	4.5	4.5	6	6			
					Bottom	5.5	0.1	201	24.6	8.2	8.2	33.3	33.3	90.7	90.8	6.3	6.3	5.2	5.3	5	5			
						5.5	0.1	198	24.6	8.2	8.2	33.3	33.3	90.8	90.8	6.3	6.3	5.3	5.3	5	5			
IM7	Cloudy	Moderate	08:53	7.8	Surface	1.0	0.1	209	24.6	8.2	8.2	30.8	30.8	94.9	94.9	6.6	6.6	2.0	2.0	4	3	821371	806833	
						1.0	0.1	206	24.6	8.2	8.2	30.8	30.8	94.8	94.8	6.6	6.6	2.0	2.0	3	3			
					Middle	3.9	0.1	180	24.6	8.2	8.2	31.1	31.1	94.2	94.2	6.6	6.6	2.2	2.2	3	2			
						3.9	0.1	181	24.6	8.2	8.2	31.1	31.1	94.1	94.1	6.6	6.6	2.2	2.2	2	2			
					Bottom	6.8	0.1	187	24.6	8.2	8.2	33.1	33.1	91.0	91.0	6.3	6.3	4.7	4.7	2	2			
						6.8	0.0	183	24.6	8.2	8.2	33.1	33.1	91.0	91.0	6.3	6.3	4.6	4.6	3	3			

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



**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 13 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C1	Rainy	Rough	12:38	8.2	Surface	1.0	0.2	39	24.7	24.7	8.2	8.2	31.1	31.1	95.7	95.7	6.7	6.7	2.8	4.3	3	3	815604	804228		
						1.0	0.3	45	24.7		8.2		31.1		95.7		6.7		2.8		3					
					Middle	4.1	0.2	14	24.7	24.7	8.2	8.2	31.1	31.1	94.2	94.2	6.6	6.6	3.8	6.5	1.4	1.8			2	2
						4.1	0.2	13	24.7		8.2		31.1		94.2		6.6		3.8		2					
					Bottom	7.2	0.3	51	24.6	24.6	8.2	8.2	32.4	32.4	93.1	93.1	6.4	6.4	6.2	6.2	2.4	6.2			2	2
						7.2	0.3	52	24.6		8.2		32.4		93.1		6.4		6.2		2					
C2	Rainy	Rough	11:08	9.8	Surface	1.0	0.1	357	24.9	24.9	8.2	8.2	28.6	28.6	93.2	93.2	6.6	6.6	1.4	1.8	2	2	825695	806957		
						1.0	0.1	0	24.9		8.2		28.6		93.2		6.6		1.4		2					
					Middle	4.9	0.1	336	24.8	24.8	8.2	8.2	28.7	28.7	91.3	91.3	6.4	6.4	1.5	6.5	1.5	6.5			2	2
						4.9	0.2	338	24.8		8.2		28.7		91.3		6.4		1.5		3					
					Bottom	8.8	0.2	3	24.8	24.8	8.2	8.2	30.5	30.5	89.1	89.2	6.2	6.2	2.4	6.2	2.4	6.2			2	2
						8.8	0.1	9	24.8		8.2		30.5		89.3		6.2		2.4		2					
C3	Rainy	Calm	12:16	9.0	Surface	1.0	0.4	261	23.7	23.7	7.9	7.9	28.2	28.2	87.9	87.7	6.3	6.3	1.4	2.4	3	3	822123	817804		
						1.0	0.3	261	23.6		7.9		28.2		87.4		6.3		1.5		2					
					Middle	4.5	0.4	275	23.6	23.6	7.9	7.9	30.3	30.3	82.8	82.7	5.9	5.9	2.2	6.1	2.2	6.1			3	3
						4.5	0.4	278	23.6		7.9		30.4		82.6		5.9		2.2		3					
					Bottom	8.0	0.4	274	23.6	23.6	7.9	7.9	30.8	30.8	81.9	81.9	5.8	5.8	3.6	5.8	3.5	5.8			4	4
						8.0	0.4	277	23.6		7.9		30.8		81.9		5.8		3.5		3					
IM1	Rainy	Rough	12:14	7.5	Surface	1.0	0.2	2	24.8	24.8	8.2	8.2	30.6	30.6	95.6	95.6	6.7	6.7	2.4	4.5	3	3	818356	806467		
						1.0	0.2	359	24.8		8.2		30.6		95.6		6.7		2.4		4					
					Middle	3.8	0.2	358	24.7	24.7	8.2	8.2	31.3	31.2	94.6	94.6	6.6	6.6	3.0	6.7	3.1	6.6			2	2
						3.8	0.1	1	24.7		8.2		31.2		94.6		6.6		3.1		3					
					Bottom	6.5	0.1	33	24.6	24.6	8.2	8.2	33.3	33.3	91.1	91.1	6.3	6.3	8.0	6.3	8.1	6.3			2	2
						6.5	0.1	30	24.6		8.2		33.3		91.1		6.3		8.1		3					
IM2	Rainy	Rough	12:04	7.2	Surface	1.0	0.1	343	24.7	24.7	8.2	8.2	30.7	30.7	95.4	95.4	6.7	6.7	1.5	3.2	<2	2	819195	806254		
						1.0	0.2	344	24.7		8.2		30.7		95.4		6.7		1.5		<2					
					Middle	3.6	0.2	311	24.7	24.7	8.2	8.2	32.5	32.5	93.8	93.8	6.5	6.5	3.2	6.6	3.2	6.5			2	2
						3.6	0.2	306	24.7		8.2		32.4		93.8		6.5		3.2		<2					
					Bottom	6.2	0.2	318	24.6	24.6	8.2	8.2	33.3	33.3	91.0	91.0	6.3	6.3	4.9	6.3	4.9	6.3			2	2
						6.2	0.2	319	24.6		8.2		33.3		91.0		6.3		4.9		2					
IM7	Rainy	Rough	11:41	8.5	Surface	1.0	0.1	299	24.9	24.9	8.2	8.2	28.3	28.3	91.8	91.8	6.5	6.5	2.3	3.7	2	2	821358	806844		
						1.0	0.1	301	24.9		8.2		28.3		91.7		6.5		2.3		2					
					Middle	4.3	0.1	295	24.8	24.8	8.2	8.2	29.9	29.9	91.1	91.1	6.4	6.4	3.4	6.5	<2	6.4			<2	6.4
						4.3	0.1	295	24.8		8.2		29.9		91.1		6.4		3.5		<2					
					Bottom	7.5	0.1	315	24.8	24.8	8.2	8.2	31.5	31.5	90.2	90.2	6.3	6.3	5.2	6.3	5.3	6.3			2	2
						7.5	0.1	308	24.8		8.2		31.5		90.2		6.3		5.3		<2					

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





Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 16 May 23 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	10:32	8.6	Surface	1.0	0.4	206	<u>24.6</u>	24.6	8.1	8.1	<u>24.6</u>	24.6	92.3	92.3	6.7	6.5	1.5	3.1	2	3	815624	804265
						1.0	0.4	200	24.6		8.1		24.6	92.2	6.7	1.6	3							
					Middle	4.3	0.3	208	<u>24.3</u>	8.1	8.1	28.8	28.9	88.0	87.9	6.3	6.5	3.4	3					
						4.3	0.4	212	24.2	8.1	8.1	29.0	28.9	87.8	87.9	6.2	6.3	3.5	3					
					Bottom	7.6	0.4	209	<u>24.2</u>	24.2	8.0	8.0	29.8	29.7	88.4	88.5	6.3	6.3	4.1	3				
						7.6	0.4	201	24.2		8.0		29.7	88.6	88.5	6.3	6.3	4.3	4					
C2	Cloudy	Moderate	12:13	11.1	Surface	1.0	0.7	163	<u>24.9</u>	24.9	8.2	8.2	23.5	23.6	90.2	90.1	6.5	6.2	1.8	2.6	<2	2	825663	806925
						1.0	0.7	169	24.9		8.2		23.6	89.9	6.5	1.9	<2							
					Middle	5.6	0.7	182	<u>24.5</u>	24.5	8.2	8.2	27.6	27.6	83.0	83.1	5.9	6.2	2.6	<2				
						5.6	0.7	186	24.5		8.2		27.6	83.2	5.9	2.7	<2							
					Bottom	10.1	0.7	166	<u>24.6</u>	24.6	8.1	8.1	27.5	27.5	84.9	85.0	6.0	6.1	3.4	2				
						10.1	0.7	170	24.6		8.1		27.5	85.1	6.1	6.1	3.3	2						
C3	Misty	Calm	09:25	11.0	Surface	1.0	0.3	93	<u>24.2</u>	24.2	7.7	7.7	25.3	25.3	90.3	90.2	6.6	6.4	2.0	2.9	2	2	822123	817779
						1.0	0.2	96	24.2		7.7		25.3	90.1	6.5	2.1	3							
					Middle	5.5	0.2	101	<u>24.1</u>	24.1	7.7	7.7	27.2	27.1	87.1	87.2	6.3	6.3	3.1	2				
						5.5	0.2	107	24.1		7.7		27.0	87.3	6.3	3.2	2							
					Bottom	10.0	0.2	94	<u>24.1</u>	24.1	7.7	7.7	26.8	26.7	87.5	87.5	6.3	6.3	3.6	2				
						10.0	0.2	88	24.1		7.7		26.6	87.5	6.3	6.3	3.6	3						
IM1	Cloudy	Moderate	10:53	6.7	Surface	1.0	0.2	195	<u>24.7</u>	24.7	8.1	8.1	24.8	24.8	90.4	88.8	6.5	6.3	2.7	3.5	<2	2	818369	806470
						1.0	0.2	202	24.6		8.1		24.8	87.1	6.3	2.9	<2							
					Middle	3.4	0.2	170	<u>24.6</u>	24.6	8.1	8.1	27.6	27.6	87.1	87.2	6.2	6.3	3.4	<2				
						3.4	0.2	166	24.6		8.1		27.6	87.2	6.2	3.3	<2							
					Bottom	5.7	0.2	172	<u>24.2</u>	24.2	8.1	8.1	29.8	29.8	87.8	87.9	6.2	6.2	4.5	2				
						5.7	0.3	176	24.2		8.1		29.8	87.9	6.2	6.2	4.2	2						
IM2	Cloudy	Moderate	10:57	7.3	Surface	1.0	0.3	199	<u>24.9</u>	24.9	8.1	8.1	25.4	25.4	89.6	89.6	6.4	6.3	1.7	4.9	5	4	819163	806216
						1.0	0.3	205	24.9		8.1		25.4	89.6	6.4	1.8	4							
					Middle	3.7	0.3	205	<u>24.4</u>	24.4	8.0	8.0	29.0	29.1	88.1	88.2	6.2	6.3	8.3	4				
						3.7	0.3	206	24.3		8.0		29.1	88.2	6.3	8.5	4							
					Bottom	6.3	0.3	197	<u>24.3</u>	24.3	8.0	8.0	29.3	29.3	88.8	89.0	6.3	6.3	4.5	4				
						6.3	0.3	198	24.3		8.0		29.3	89.1	6.3	6.3	4.5	3						
IM7	Cloudy	Moderate	11:33	7.4	Surface	1.0	0.3	196	<u>24.8</u>	24.8	8.2	8.2	26.4	26.4	86.4	86.4	6.2	6.1	1.8	2.1	2	2	821329	806815
						1.0	0.3	191	24.8		8.2		26.4	86.4	6.2	1.8	2							
					Middle	3.7	0.3	189	<u>24.5</u>	24.5	8.1	8.1	27.7	27.7	82.4	82.5	5.9	6.1	2.0	2				
						3.7	0.3	184	24.5		8.1		27.7	82.5	5.9	2.1	2							
					Bottom	6.4	0.3	202	<u>24.5</u>	24.5	8.1	8.1	27.9	27.9	84.2	84.5	6.0	6.0	2.5	<2				
						6.4	0.3	197	24.5		8.1		27.9	84.7	6.0	6.0	2.5	<2						

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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

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 16 May 23 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value
IM10	Misty	Calm	10:25	7.8	Surface	1.0	0.5	97	24.3	24.3	7.9	7.9	26.1	26.2	91.6	91.5	6.6	6.4	4.1	5.2	2	3	822221	809840	
						1.0	0.5	101	24.3		7.9		26.2		91.4		6.6		4.1		3				
					Middle	3.9	0.5	110	24.1	24.1	7.8	7.8	27.2	27.2	86.4	86.3	6.2	6.1	5.0	6.2	2	3			3
						3.9	0.5	104	24.1		7.8		27.2		86.2		6.2		5.1		3				
					Bottom	6.8	0.5	113	24.1	24.1	7.8	7.8	27.4	27.4	85.4	85.4	6.1	6.1	6.4	6.1	3	6.1			3
						6.8	0.5	115	24.1		7.8		27.5		85.3		6.1		6.5		3				
IM11	Misty	Calm	10:21	7.4	Surface	1.0	0.5	99	24.3	24.3	7.8	7.8	24.7	24.8	90.8	90.5	6.6	6.3	3.8	4.4	4	3	821504	810544	
						1.0	0.5	102	24.2		7.8		24.8		90.2		6.6		3.7		4				
					Middle	3.7	0.6	88	24.0	24.0	7.8	7.8	27.6	27.6	83.7	83.7	6.0	6.0	4.1	6.0	3	6.0			3
						3.7	0.6	90	24.0		7.8		27.7		83.6		6.0		4.2		3				
					Bottom	6.4	0.6	94	24.1	24.1	7.8	7.8	27.8	27.7	83.8	83.9	6.0	6.0	5.2	6.0	3	6.0			3
						6.4	0.6	89	24.1		7.8		27.7		83.9		6.0		5.3		3				
IM12	Misty	Calm	10:16	8.8	Surface	1.0	0.6	102	24.7	24.7	7.8	7.8	24.2	24.3	93.6	93.5	6.8	6.6	3.5	3.8	2	2	821168	811507	
						1.0	0.5	107	24.7		7.8		24.4		93.4		6.8		3.4		3				
					Middle	4.4	0.6	91	24.4	24.4	7.8	7.8	25.5	25.5	90.8	89.3	6.6	6.6	4.0	6.3	2	6.3			2
						4.4	0.6	86	24.4		7.8		25.6		87.8		6.3		4.0		2				
					Bottom	7.8	0.6	103	24.3	24.3	7.8	7.7	25.8	25.7	86.5	86.5	6.2	6.3	4.1	6.3	3	6.3			2
						7.8	0.6	110	24.3		7.7		25.6		86.5		6.3		4.2		2				
SR1A	Misty	Calm	09:57	4.0	Surface	1.0	0.0	134	24.5	24.5	7.7	7.7	26.3	26.3	85.2	85.1	6.1	6.1	3.5	4.4	4	3	819973	812658	
						1.0	0.1	140	24.5		7.7		26.3		84.9		6.1		3.5		3				
					Middle	2.0	0.0	153	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-
						2.0	0.0	149	-		-		-		-		-		-		-				
					Bottom	3.0	0.0	124	24.4	24.5	7.7	7.7	26.6	26.5	82.5	82.3	5.9	5.9	5.2	5.9	3	5.9			2
						3.0	0.0	121	24.5		7.7		26.4		82.1		5.9		5.3		2				
SR2	Misty	Calm	09:40	4.2	Surface	1.0	0.3	33	24.0	24.0	7.7	7.7	26.8	26.8	86.6	86.6	6.3	6.3	3.4	4.0	2	2	821451	814179	
						1.0	0.3	27	24.0		7.7		26.9		86.6		6.3		3.4		2				
					Middle	-	0.4	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-
						-	0.4	65	-		-		-		-		-		-		-				
					Bottom	3.2	0.4	45	24.0	24.0	7.6	7.6	26.7	26.6	86.9	87.0	6.3	6.3	4.5	6.3	2	6.3			2
						3.2	0.4	41	24.0		7.6		26.6		87.1		6.3		4.5		2				
SR3	Cloudy	Moderate	11:40	8.4	Surface	1.0	0.6	161	24.9	24.9	8.1	8.1	25.2	25.2	88.4	88.4	6.3	6.1	2.0	4.2	<2	<2	822170	807572	
						1.0	0.6	160	24.8		8.1		25.1		88.4		6.4		2.2		<2				
					Middle	4.2	0.6	161	24.5	24.5	8.1	8.1	27.6	27.7	83.4	83.2	5.9	5.9	4.4	5.8	2	5.8			<2
						4.2	0.6	164	24.5		8.1		27.7		83.0		5.9		4.8		<2				
					Bottom	7.4	0.6	181	24.4	24.4	8.1	8.1	28.1	28.1	81.2	81.3	5.8	5.8	6.0	5.8	2	5.8			<2
						7.4	0.6	184	24.4		8.1		28.1		81.4		5.8		6.2		<2				
SR4A	Cloudy	Moderate	10:07	8.8	Surface	1.0	0.0	102	25.1	25.1	8.1	8.1	25.5	25.5	88.5	88.5	6.3	6.2	0.9	2.5	3	3	817194	807790	
						1.0	0.0	106	25.1		8.1		25.5		88.4		6.3		0.9		4				
					Middle	4.4	0.0	111	24.6	24.6	8.0	8.0	27.8	27.9	84.9	84.9	6.0	6.0	2.6	6.0	3	6.0			2
						4.4	0.0	106	24.6		8.0		28.0		84.8		6.0		2.7		2				
					Bottom	7.8	0.0	107	24.5	24.5	8.0	8.0	28.7	28.7	85.5	85.6	6.1	6.1	3.9	6.1	2	6.1			2
						7.8	0.1	105	24.5		8.0		28.7		85.6		6.1		3.9		2				
SR8	Misty	Calm	10:13	4.8	Surface	1.0	-	-	24.5	24.5	7.8	7.8	24.6	24.7	91.1	91.0	6.6	6.6	2.1	2.8	3	3	820378	811606	
						1.0	-	-	24.5		7.8		24.8		90.8		6.6		2.2		2				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-
						-	-	-	-		-		-		-		-		-		-				
					Bottom	3.8	-	-	24.4	24.4	7.7	7.7	25.1	25.0	86.8	86.6	6.3	6.3	3.4	6.3	3	6.3			3
						3.8	-	-	24.4		7.7		25.0		86.4		6.3		3.3		3				

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Water Quality Monitoring

Water Quality Monitoring Results on 16 May 23 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
C1	Cloudy	Moderate	16:56	8.8	Surface	1.0	0.5	21	24.8	24.8	8.0	8.0	25.5	25.5	91.0	90.9	6.5	6.2	5.6	6.4	3	2	815623	804243		
						1.0	0.5	17	24.7		8.0		25.5		90.8		6.5		5.6		2					
					Middle	4.4	0.5	25	24.4	24.4	8.0	8.0	29.0	29.0	83.2	83.1	5.9	6.3	5.9	6.3	6.0	6.3			2	2
						4.4	0.5	23	24.4		8.0		28.9		82.9		5.9		6.0		2					
					Bottom	7.8	0.4	30	24.5	24.5	8.0	8.0	28.9	28.8	88.6	88.9	6.3	6.3	7.7	6.3	7.8	6.3			2	2
						7.8	0.4	24	24.4		8.0		28.8		89.2		6.3		7.8		2					
C2	Cloudy	Moderate	15:13	11.9	Surface	1.0	0.1	234	24.7	24.7	8.2	8.2	23.7	23.7	89.0	88.8	6.5	6.2	2.3	5.2	3	3	825695	806927		
						1.0	0.1	238	24.6		8.2		23.7		88.5		6.4		2.5		3					
					Middle	6.0	0.0	237	24.7	24.8	8.2	8.2	27.4	27.4	82.9	83.0	5.9	5.9	6.5	5.9	6.8	5.9			3	2
						6.0	0.1	238	24.8		8.2		27.4		83.0		5.9		6.8		2					
					Bottom	10.9	0.1	251	25.0	25.1	8.2	8.2	27.2	27.2	83.6	83.9	5.9	5.9	6.4	5.9	6.4	5.9			2	2
						10.9	0.0	254	25.1		8.2		27.2		84.1		5.9		6.7		2					
C3	Misty	Calm	16:10	8.6	Surface	1.0	0.5	250	24.2	24.2	7.9	7.9	26.7	26.8	89.5	89.4	6.5	6.2	4.2	5.1	2	3	822091	817826		
						1.0	0.5	248	24.1		7.9		26.9		89.2		6.4		4.1		3					
					Middle	4.3	0.5	243	23.8	23.8	7.8	7.8	29.4	29.4	82.6	82.6	5.9	5.9	5.1	5.9	5.2	5.9			3	4
						4.3	0.5	242	23.8		7.8		29.5		82.6		5.9		5.2		3					
					Bottom	7.6	0.5	270	23.8	23.8	7.8	7.8	29.8	29.8	82.7	82.7	5.9	5.9	6.1	5.9	6.0	5.9			4	3
						7.6	0.5	267	23.8		7.8		29.8		82.7		5.9		6.0		3					
IM1	Cloudy	Moderate	16:31	6.4	Surface	1.0	0.2	8	24.8	24.8	8.0	8.0	24.8	24.7	91.3	91.3	6.6	6.4	2.0	4.9	3	3	818327	806445		
						1.0	0.2	15	24.7		8.0		24.7		91.2		6.6		2.1		3					
					Middle	3.2	0.2	17	24.5	24.5	8.0	8.0	28.4	28.4	87.4	87.5	6.2	6.2	7.1	6.2	7.2	6.2			2	3
						3.2	0.1	17	24.5		8.0		28.5		87.5		6.2		7.2		3					
					Bottom	5.4	0.2	31	24.4	24.4	8.0	8.0	28.8	28.8	87.9	88.1	6.2	6.3	5.5	6.3	5.3	6.3			3	2
						5.4	0.2	36	24.4		8.0		28.8		88.2		6.3		5.3		2					
IM2	Cloudy	Moderate	16:27	7.6	Surface	1.0	0.2	328	25.3	25.3	8.0	8.0	24.3	24.3	92.0	92.1	6.6	6.4	2.2	5.3	2	4	819169	806219		
						1.0	0.1	332	25.2		8.0		24.3		92.1		6.6		2.2		3					
					Middle	3.8	0.2	358	24.6	24.6	8.1	8.1	26.9	26.9	86.9	87.0	6.2	6.2	5.9	6.2	5.8	6.2			3	4
						3.8	0.2	3	24.6		8.1		26.9		87.0		6.2		5.8		4					
					Bottom	6.6	0.1	346	24.6	24.7	8.1	8.1	27.2	27.2	87.6	87.7	6.2	6.3	7.8	6.3	7.7	6.3			4	5
						6.6	0.1	352	24.7		8.1		27.2		87.7		6.3		7.7		5					
IM7	Cloudy	Moderate	15:51	8.0	Surface	1.0	0.2	242	24.6	24.6	8.0	8.0	26.9	27.0	83.1	83.0	5.9	5.9	1.4	2.6	3	3	821372	806853		
						1.0	0.2	240	24.6		8.0		27.1		82.9		5.9		1.5		2					
					Middle	4.0	0.3	270	24.4	24.4	8.0	8.0	28.2	28.2	82.0	82.2	5.8	5.9	3.0	5.9	3.1	5.9			2	2
						4.0	0.2	262	24.4		8.0		28.2		82.4		5.9		3.1		2					
					Bottom	7.0	0.2	257	24.4	24.4	8.0	8.0	28.2	28.2	84.1	84.2	6.0	6.0	3.4	6.0	3.3	6.0			3	3
						7.0	0.2	250	24.4		8.0		28.2		84.3		6.0		3.3		3					

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



Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 18 May 23 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)								
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA										
C1	Cloudy	Moderate	12:35	8.6	Surface	1.0	0.6	213	25.3	25.3	7.9	7.9	24.7	24.7	108.2	108.0	7.7	7.2	4.0	6.0	4	6	815622	804253								
						1.0	0.6	206	25.3	7.9	7.9	24.7	24.7	107.7	108.0	7.7	7.2	4.2	6.0	5												
					Middle	4.3	0.6	209	24.4	24.4	7.9	7.9	27.6	27.7	92.4	92.5	6.6	6.6	7.0	6.7	7											
						4.3	0.6	214	24.4	24.4	7.9	7.9	27.7	27.7	92.5	92.5	6.6	6.6	7.1	6.7	6											
					Bottom	7.6	0.6	201	24.3	24.3	7.9	7.8	27.9	27.9	93.9	94.4	6.7	6.7	6.8	6.7	7											
						7.6	0.6	195	24.3	24.3	7.8	7.8	27.9	27.9	94.4	94.4	6.7	6.7	7.1	6.7	6											
					C2	Cloudy	Moderate	10:59	12.6	Surface	1.0	0.4	179	24.9	24.9	7.8	7.8	24.9	24.9	91.6	91.6				6.6	6.4	8.0	9.8	5	5	825699	806964
											1.0	0.4	175	24.9	24.9	7.8	7.8	25.0	24.9	91.6	91.6				6.6	6.4	8.0	9.8	5			
Middle	6.3	0.5	160	24.5						24.5	7.8	7.8	26.5	26.4	86.6	86.5	6.2	6.2	11.0	6.2	5											
	6.3	0.5	154	24.5						24.5	7.8	7.8	26.4	26.4	86.5	86.5	6.2	6.2	11.1	6.2	5											
Bottom	11.6	0.5	190	24.7						24.7	7.8	7.8	25.8	25.7	86.8	86.8	6.2	6.2	10.7	6.2	5											
	11.6	0.5	190	24.7						24.7	7.8	7.8	25.6	25.7	86.8	86.8	6.2	6.2	10.3	6.2	6											
C3	Fine	Calm	11:36	9.8						Surface	1.0	0.5	81	25.2	25.2	8.1	8.1	26.0	26.1	85.4	85.4	6.1	6.1	3.5	4.5	5	822124	817787				
											1.0	0.5	77	25.1	25.1	8.1	8.1	26.1	26.1	85.4	85.4	6.1	6.1	3.5								
					Middle	4.9	0.5	65	25.0	25.0	8.1	8.1	26.5	26.5	86.0	86.0	6.1	6.1	4.2	6.3	6											
						4.9	0.5	61	25.0	25.0	8.1	8.1	26.6	26.6	86.1	86.1	6.1	6.1	4.2	6.3	5											
					Bottom	8.8	0.5	63	24.9	24.9	8.1	8.1	26.9	26.9	87.6	88.1	6.2	6.3	5.8	6.3	5											
						8.8	0.5	62	24.9	24.9	8.1	8.1	26.9	26.9	88.1	88.1	6.3	6.3	5.9	6.3	5											
					IM1	Cloudy	Moderate	12:14	6.4	Surface	1.0	0.3	176	25.1	25.1	7.8	7.8	25.6	25.7	94.9	94.9	6.8	6.6	6.0					7.4	5	818361	806437
											1.0	0.3	181	25.0	25.0	7.8	7.8	25.7	25.7	94.9	94.9	6.8	6.6	6.6								
Middle	3.2	0.4	194	24.4						24.4	7.8	7.8	27.0	27.1	89.9	89.7	6.4	6.4	7.7	6.6	5											
	3.2	0.4	188	24.4						24.4	7.8	7.8	27.1	27.1	89.7	89.7	6.4	6.4	7.2	6.6	5											
Bottom	5.4	0.3	187	24.2						24.2	7.8	7.8	28.4	28.4	88.2	88.3	6.3	6.3	8.7	6.3	6											
	5.4	0.3	192	24.2						24.2	7.8	7.8	28.4	28.4	88.3	88.3	6.3	6.3	8.2	6.3	5											
IM2	Cloudy	Moderate	12:06	7.6						Surface	1.0	0.3	181	25.1	25.1	7.9	7.9	25.2	25.2	97.2	97.2	7.0	6.8	4.9	7.4	5	819192	806245				
											1.0	0.3	186	25.1	25.1	7.9	7.9	25.2	25.2	97.1	97.1	7.0	6.8	5.4								
					Middle	3.8	0.3	196	24.6	24.6	7.9	7.9	26.2	26.3	92.0	91.9	6.6	6.6	7.3	6.6	5											
						3.8	0.2	199	24.6	24.6	7.9	7.9	26.3	26.3	91.9	91.9	6.6	6.6	7.9	6.6	5											
					Bottom	6.6	0.3	197	24.5	24.5	7.9	7.9	26.7	26.7	91.7	91.7	6.6	6.6	9.2	6.6	4											
						6.6	0.3	196	24.5	24.5	7.9	7.9	26.7	26.7	91.7	91.7	6.6	6.6	9.8	6.6	5											
					IM7	Cloudy	Moderate	11:34	7.7	Surface	1.0	0.3	150	25.1	25.1	7.8	7.8	25.0	25.0	94.3	94.2	6.8	6.6	3.6					4.8	4	821341	806826
											1.0	0.3	148	25.1	25.1	7.8	7.8	25.0	25.0	94.1	94.1	6.7	6.6	3.7								
Middle	3.9	0.2	168	24.7						24.7	7.8	7.8	25.3	25.4	88.7	88.4	6.4	6.4	4.6	6.3	4											
	3.9	0.2	166	24.7						24.7	7.8	7.8	25.4	25.4	88.4	88.4	6.4	6.4	4.9	6.3	4											
Bottom	6.7	0.2	167	24.6						24.6	7.8	7.8	25.9	25.9	87.1	87.1	6.3	6.3	6.0	6.3	4											
	6.7	0.2	167	24.6						24.6	7.8	7.8	25.9	25.9	87.1	87.1	6.3	6.3	6.0	6.3	4											

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**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 18 May 23 during Mid-Ebb Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Fine	Calm	10:41	9.0	Surface	1.0	0.5	101	25.8	8.0	8.0	24.4	24.4	90.1	90.1	6.4	6.4	3.0	5	4	822229	809835		
						1.0	0.5	104	25.7	8.0	8.0	24.4	24.4	90.0	90.1	6.4	6.4	3.1	5					
					Middle	4.5	0.6	113	25.3	8.0	8.0	25.2	25.2	88.1	88.2	6.3	6.3	5.0	4					
						4.5	0.6	106	25.4	8.0	8.0	25.2	25.2	88.2	88.2	6.3	6.3	5.0	4					
					Bottom	8.0	0.5	91	25.6	8.0	8.0	24.9	24.9	90.1	90.2	6.4	6.4	5.1	3					
						8.0	0.5	93	25.7	8.0	8.0	24.8	24.9	90.2	90.2	6.4	6.4	5.1	4					
IM11	Fine	Calm	10:46	7.8	Surface	1.0	0.6	89	25.2	8.0	8.0	25.0	25.0	85.6	85.6	6.1	6.1	3.3	5	6	821509	810531		
						1.0	0.6	93	25.2	8.0	8.0	25.0	25.0	85.6	85.6	6.1	6.1	3.4	5					
					Middle	3.9	0.6	86	25.2	8.0	8.0	25.1	25.1	85.9	85.9	6.1	6.1	4.8	6					
						3.9	0.6	84	25.2	8.0	8.0	25.1	25.1	85.9	85.9	6.1	6.1	4.8	6					
					Bottom	6.8	0.5	71	25.4	8.0	8.0	25.0	25.0	87.1	87.2	6.2	6.2	5.0	6					
						6.8	0.5	76	25.5	8.0	8.0	25.0	25.0	87.2	87.2	6.2	6.2	5.0	6					
IM12	Fine	Calm	10:50	7.6	Surface	1.0	0.6	106	25.2	8.0	8.0	25.1	25.1	86.4	86.4	6.2	6.2	4.8	5	5	821155	811536		
						1.0	0.6	104	25.2	8.0	8.0	25.1	25.1	86.4	86.4	6.2	6.2	4.8	5					
					Middle	3.8	0.6	111	25.1	8.0	8.0	25.2	25.2	86.6	86.6	6.2	6.2	5.8	5					
						3.8	0.6	110	25.1	8.0	8.0	25.2	25.2	86.6	86.6	6.2	6.2	5.8	6					
					Bottom	6.6	0.7	91	25.2	8.0	8.0	25.2	25.1	87.3	87.4	6.2	6.2	6.1	5					
						6.6	0.7	90	25.3	8.0	8.0	25.1	25.1	87.4	87.4	6.2	6.2	6.0	6					
SR1A	Fine	Calm	11:02	5.6	Surface	1.0	0.1	112	25.6	8.0	8.0	24.9	24.9	88.3	88.3	6.3	6.3	1.5	6	6	819976	812658		
						1.0	0.1	118	25.6	8.0	8.0	24.9	24.9	88.3	88.3	6.3	6.3	1.5	5					
					Middle	2.8	0.0	141	-	-	-	-	-	-	-	-	-	-	-					
						2.8	0.0	137	-	-	-	-	-	-	-	-	-	-	-					
					Bottom	4.6	0.0	102	25.6	8.0	8.0	24.9	24.8	88.5	88.5	6.3	6.3	2.5	7					
						4.6	0.1	102	25.6	8.0	8.0	24.8	24.8	88.5	88.5	6.3	6.3	2.6	6					
SR2	Fine	Calm	11:19	5.2	Surface	1.0	0.5	37	25.6	8.0	8.0	24.9	25.0	89.4	89.4	6.4	6.4	4.5	6	5	821459	814167		
						1.0	0.5	35	25.5	8.0	8.0	25.0	25.0	89.3	89.3	6.4	6.4	4.5	6					
					Middle	-	0.5	50	-	-	-	-	-	-	-	-	-	-	-					
						-	0.5	53	-	-	-	-	-	-	-	-	-	-	-					
					Bottom	4.2	0.5	61	25.3	8.0	8.0	25.4	25.4	90.0	90.2	6.4	6.4	5.0	5					
						4.2	0.5	62	25.3	8.0	8.0	25.4	25.4	90.4	90.4	6.4	6.4	5.0	4					
SR3	Cloudy	Moderate	11:27	8.9	Surface	1.0	0.5	165	25.2	7.8	7.8	24.9	24.9	95.4	95.4	6.8	6.8	4.0	5	6	822160	807562		
						1.0	0.5	165	25.2	7.8	7.8	24.9	24.9	95.4	95.4	6.8	6.8	4.2	5					
					Middle	4.5	0.4	161	24.7	7.8	7.8	25.7	25.8	91.0	90.9	6.5	6.5	6.5	6					
						4.5	0.5	159	24.7	7.8	7.8	25.8	25.8	90.8	90.7	6.5	6.5	6.5	6					
					Bottom	7.9	0.5	154	24.7	7.8	7.8	26.0	26.0	90.7	90.7	6.5	6.5	9.2	6					
						7.9	0.5	151	24.7	7.8	7.8	26.0	26.0	90.7	90.7	6.5	6.5	9.7	6					
SR4A	Cloudy	Moderate	13:02	9.6	Surface	1.0	0.0	23	25.3	8.0	8.0	24.6	24.6	113.2	112.7	8.1	7.5	5.9	6	6	817201	807789		
						1.0	0.1	18	25.2	8.0	8.0	24.7	24.6	112.1	112.1	8.0	7.5	6.2	7					
					Middle	4.8	0.0	42	25.0	7.9	7.9	24.9	24.9	95.6	95.6	6.9	6.9	7.3	5					
						4.8	0.0	35	25.0	7.9	7.9	24.9	24.9	95.5	95.5	6.9	6.9	7.4	6					
					Bottom	8.6	0.0	12	25.0	7.9	7.9	24.9	24.9	95.4	95.5	6.9	6.9	12.1	6					
						8.6	0.0	18	25.0	7.9	7.9	24.9	24.9	95.5	95.5	6.9	6.9	12.1	5					
SR8	Fine	Calm	10:54	5.0	Surface	1.0	-	-	25.5	8.0	8.0	24.7	24.7	88.7	88.7	6.3	6.3	1.8	5	6	820403	811609		
						1.0	-	-	25.6	8.0	8.0	24.7	24.7	88.7	88.7	6.3	6.3	1.8	6					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Bottom	4.0	-	-	25.9	8.0	8.0	24.7	24.6	90.0	90.4	6.4	6.4	2.1	5					
						4.0	-	-	26.0	8.0	8.0	24.6	24.6	90.7	90.7	6.4	6.4	2.1	6					

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**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 18 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA						
C1	Cloudy	Moderate	05:52	8.2	Surface	1.0	0.4	32	25.3	25.3	8.1	8.1	23.0	23.1	130.4	130.1	9.4	8.0	4.0	4.2	6	5	815625	804270				
						1.0	0.4	25	25.3		8.1		23.1		129.7		9.4		3.9		5							
					Middle	4.1	0.5	44	24.5	24.5	7.9	7.9	26.3	26.4	90.5	90.4	6.5	6.4	6.5	6.4	4.1				6.4	4	6.4	4
						4.1	0.5	41	24.5		7.9		26.5		90.2		6.5		4.3		5							
					Bottom	7.2	0.5	35	24.4	24.4	7.9	7.9	26.8	26.8	89.3	89.4	6.4	6.4	6.4	6.4	4.4				6.4	4	6.4	4
						7.2	0.5	27	24.4		7.9		26.8		89.5		6.4		4.5		5							
C2	Cloudy	Moderate	07:22	11.4	Surface	1.0	0.4	354	24.9	24.9	7.8	7.8	24.8	24.8	92.3	92.4	6.6	6.5	8.6	9.4	5	5	825673	806932				
						1.0	0.4	356	24.9		7.8		24.8		92.4		6.6		8.5		5							
					Middle	5.7	0.4	345	24.5	24.5	7.8	7.8	26.6	26.6	89.7	89.8	6.4	6.6	6.4	6.6	9.2				6.6	5	6.6	5
						5.7	0.4	342	24.5		7.8		26.7		89.8		6.4		9.3		6							
					Bottom	10.4	0.4	348	24.5	24.5	7.8	7.8	26.4	26.4	91.1	91.3	6.5	6.6	6.5	6.6	10.8				6.6	6	6.6	6
						10.4	0.4	347	24.5		7.8		26.3		91.5		6.6		10.2		5							
C3	Fine	Calm	06:06	12.4	Surface	1.0	0.6	253	24.9	24.9	8.1	8.1	27.4	27.4	82.2	82.1	5.8	5.8	1.1	1.2	5	6	822102	817808				
						1.0	0.6	254	24.9		8.1		27.5		82.0		5.8		1.1		4							
					Middle	6.2	0.6	262	24.7	24.7	8.1	8.1	28.4	28.4	81.5	81.5	5.8	5.9	5.8	5.9	1.1				5.9	6	5.9	6
						6.2	0.6	268	24.6		8.1		28.4		81.5		5.8		1.1		6							
					Bottom	11.4	0.6	284	24.7	24.7	8.1	8.1	28.3	28.3	83.3	83.5	5.9	5.9	5.9	5.9	1.6				5.9	6	5.9	6
						11.4	0.6	281	24.7		8.1		28.3		83.7		5.9		1.5		6							
IM1	Cloudy	Moderate	06:14	6.7	Surface	1.0	0.3	25	25.2	25.2	8.0	8.0	24.2	24.2	116.5	116.5	8.4	7.8	3.0	5.9	6	6	818337	806481				
						1.0	0.3	32	25.2		8.0		24.2		116.5		8.4		3.1		6							
					Middle	3.4	0.3	31	24.7	24.7	7.9	7.9	25.1	25.1	99.6	99.6	7.2	6.6	7.2	6.6	5.0				6.6	6	6.6	6
						3.4	0.3	30	24.7		7.9		25.1		99.6		7.2		5.0		6							
					Bottom	5.7	0.4	13	24.2	24.3	7.9	7.9	28.8	28.8	92.9	93.1	6.6	6.6	6.6	6.6	9.4				6.6	6	6.6	6
						5.7	0.4	5	24.3		7.9		28.7		93.3		6.6		9.9		7							
IM2	Cloudy	Moderate	06:20	7.2	Surface	1.0	0.4	19	24.9	24.9	7.8	7.8	25.2	25.2	92.5	92.5	6.6	6.6	4.4	6.9	7	7	819169	806232				
						1.0	0.4	19	24.9		7.8		25.2		92.5		6.6		4.5		7							
					Middle	3.6	0.4	347	24.6	24.6	7.9	7.9	25.7	25.7	92.3	92.3	6.6	6.7	6.6	6.7	6.5				6.7	7	6.7	7
						3.6	0.4	340	24.6		7.9		25.8		92.2		6.6		6.6		6							
					Bottom	6.2	0.4	30	24.2	24.2	7.8	7.8	28.6	28.6	93.0	93.3	6.6	6.7	6.7	6.7	9.5				6.7	7	6.7	7
						6.2	0.4	29	24.2		7.8		28.6		93.5		6.7		9.7		8							
IM7	Cloudy	Moderate	06:45	8.2	Surface	1.0	0.2	355	25.0	25.0	7.9	7.9	25.1	25.1	95.4	95.3	6.8	6.8	4.3	5.1	8	7	821342	806811				
						1.0	0.2	351	25.0		7.9		25.1		95.2		6.8		4.4		7							
					Middle	4.1	0.2	9	24.9	24.9	7.8	7.8	25.2	25.2	94.1	94.1	6.8	6.8	6.8	6.8	5.2				6.8	7	6.8	7
						4.1	0.3	14	24.9		7.8		25.2		94.1		6.8		5.2		6							
					Bottom	7.2	0.2	18	24.8	24.8	7.8	7.8	25.3	25.3	94.4	94.4	6.8	6.8	6.8	6.8	5.6				6.8	7	6.8	7
						7.2	0.2	13	24.8		7.8		25.3		94.4		6.8		5.7		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

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 18 May 23 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Fine	Calm	07:20	7.8	Surface	1.0	0.3	307	25.6	25.6	8.0	8.0	24.6	24.6	89.3	89.2	6.3	6.3	3.0	3.8	6	7	822261	809858
						1.0	0.3	313	25.6		8.0	8.0	24.6	24.6	89.1	88.4	6.3		3.0		6			
					Middle	3.9	0.4	313	25.4	25.4	8.0	8.0	25.1	25.1	88.4	88.4	6.3	6.3	3.9	6				
						3.9	0.4	308	25.3		8.0	8.0	25.2	25.1	88.4	88.4	6.3		3.8	7				
					Bottom	6.8	0.4	296	25.4	25.4	8.0	8.0	25.2	25.2	88.4	88.4	6.3	6.3	4.4	8				
						6.8	0.4	302	25.4		8.0	8.0	25.2	25.2	88.4	88.4	6.3		4.4	7				
IM11	Fine	Calm	07:16	9.0	Surface	1.0	0.3	275	25.2	25.2	8.0	8.0	25.1	25.1	86.0	86.1	6.1	6.2	2.2	3.8	5	5	821514	810531
						1.0	0.3	276	25.1		8.0	8.0	25.1	25.1	86.2	86.2	6.2		2.2		6			
					Middle	4.5	0.4	271	25.1	25.2	8.0	8.0	25.2	25.1	86.7	86.8	6.2	6.2	4.1	5				
						4.5	0.4	267	25.3		8.0	8.0	25.1	25.1	86.8	86.8	6.2		4.1	5				
					Bottom	8.0	0.3	304	25.7	25.8	8.0	8.0	24.9	24.9	88.2	88.2	6.2	6.2	5.1	4				
						8.0	0.3	310	25.8		8.0	8.0	24.8	24.9	88.1	88.2	6.2		5.1	3				
IM12	Fine	Calm	07:10	7.2	Surface	1.0	0.3	287	25.3	25.3	8.0	8.0	24.9	24.9	87.0	87.0	6.2	6.2	3.3	4.3	5	5	821139	811534
						1.0	0.3	289	25.2		8.0	8.0	24.9	24.9	86.9	86.9	6.2		3.2		6			
					Middle	3.6	0.3	277	25.1	25.2	8.0	8.0	25.3	25.3	86.6	86.7	6.2	6.2	4.6	5				
						3.6	0.3	283	25.2		8.0	8.0	25.3	25.3	86.7	86.7	6.2		4.5	5				
					Bottom	6.2	0.4	278	25.9	26.0	8.0	8.0	24.9	24.9	87.9	88.2	6.2	6.2	5.0	5				
						6.2	0.3	271	26.0		8.0	8.0	24.9	24.9	88.5	88.2	6.2		5.1	5				
SR1A	Fine	Calm	06:49	4.8	Surface	1.0	0.1	180	25.6	25.7	7.9	7.9	25.3	25.3	88.1	88.2	6.2	6.2	1.4	1.8	5	6	819980	812661
						1.0	0.0	186	25.7		7.9	7.9	25.4	25.3	88.2	88.2	6.2		1.5		6			
					Middle	2.4	0.1	202	-	-	-	-	-	-	-	-	-	-	-	-				
						2.4	0.1	204	-		-	-	-	-	-	-	-		-	-				
					Bottom	3.8	0.1	191	25.9	26.0	7.9	7.9	25.4	25.4	89.0	89.2	6.3	6.3	2.1	7				
						3.8	0.1	185	26.0		7.9	7.9	25.4	25.4	89.4	89.2	6.3		2.1	6				
SR2	Fine	Calm	06:33	4.8	Surface	1.0	0.1	276	25.1	25.1	8.1	8.1	25.4	25.4	86.8	86.9	6.2	6.2	1.1	1.4	5	5	821486	814156
						1.0	0.1	271	25.1		8.1	8.1	25.5	25.4	86.9	86.9	6.2		1.0		5			
					Middle	-	0.1	275	-	-	-	-	-	-	-	-	-	-	-	-				
						-	0.1	275	-		-	-	-	-	-	-	-		-	-				
					Bottom	3.8	0.1	262	25.1	25.1	8.1	8.1	25.6	25.6	88.3	88.6	6.3	6.3	1.8	5				
						3.8	0.1	258	25.1		8.1	8.1	25.6	25.6	88.8	88.6	6.3		1.7	5				
SR3	Cloudy	Moderate	06:53	8.8	Surface	1.0	0.3	5	24.9	24.9	7.8	7.8	24.9	24.9	92.9	92.9	6.7	6.7	3.7	5.7	5	5	822161	807549
						1.0	0.3	4	24.9		7.8	7.8	24.9	24.9	92.9	92.9	6.7		3.7		6			
					Middle	4.4	0.3	332	24.7	24.7	7.9	7.9	25.4	25.4	91.5	91.5	6.6	6.6	6.3	5				
						4.4	0.3	327	24.7		7.9	7.9	25.4	25.4	91.4	91.4	6.6		6.4	5				
					Bottom	7.8	0.4	328	24.6	24.6	7.8	7.8	25.9	25.9	90.6	90.7	6.5	6.5	6.9	5				
						7.8	0.4	331	24.6		7.8	7.8	25.9	25.9	90.8	90.7	6.5		6.9	5				
SR4A	Cloudy	Moderate	05:34	9.1	Surface	1.0	0.1	129	25.0	25.0	7.9	7.9	24.0	24.1	107.9	107.8	7.8	7.3	4.0	4.5	5	5	817168	807826
						1.0	0.1	135	25.0		7.9	7.9	24.1	24.1	107.7	107.7	7.8		4.1		6			
					Middle	4.6	0.1	122	24.8	24.8	7.9	7.9	24.6	24.6	94.7	94.8	6.8	6.8	4.5	5				
						4.6	0.1	127	24.8		7.9	7.9	24.6	24.6	94.8	94.8	6.8		4.7	6				
					Bottom	8.1	0.1	163	24.8	24.8	7.9	7.9	24.6	24.6	95.6	95.7	6.9	6.9	4.8	4				
						8.1	0.1	164	24.8		7.9	7.9	24.6	24.6	95.7	95.7	6.9		4.7	5				
SR8	Fine	Calm	07:05	4.4	Surface	1.0	-	-	26.0	26.0	8.0	8.0	24.9	24.9	89.2	89.3	6.3	6.3	1.1	1.2	5	6	820373	811627
						1.0	-	-	26.0		8.0	8.0	24.9	24.9	89.4	89.4	6.3		1.1		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-	-		-	-	-	-	-	-	-		-	-				
					Bottom	3.4	-	-	26.2	26.2	8.0	8.0	24.8	24.8	90.1	90.1	6.3	6.3	1.2	6				
						3.4	-	-	26.2		8.0	8.0	24.8	24.8	90.1	90.1	6.3		1.2	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



Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 20 May 23 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA					
C1	Cloudy	Moderate	13:22	8.7	Surface	1.0	0.6	224	26.5	8.3	8.3	25.7	25.8	102.5	102.5	7.1	6.9	2.1	6.1	4	4	815613	804241								
						1.0	0.5	221	26.4	8.3	8.3	25.8	25.8	102.4	102.5	7.1		2.2		3											
					Middle	4.4	0.6	194	25.5	8.2	8.2	28.2	28.2	94.1	94.0	6.6	7.4	4													
						4.4	0.6	192	25.4	8.2	8.2	28.2	28.2	93.8	94.0	6.6	7.7	3													
					Bottom	7.7	0.6	210	25.4	8.2	8.2	28.4	28.3	94.6	94.4	6.6	8.6	5													
						7.7	0.6	208	25.4	8.2	8.2	28.3	28.3	94.2	94.4	6.6	8.4	4													
					C2	Cloudy	Moderate	11:45	11.9	Surface	1.0	0.4	158	26.5	8.2	8.2	25.7	25.7	98.8	98.8				6.9	6.8	2.6	6.2	4	5	825680	806952
											1.0	0.5	154	26.4	8.2	8.2	25.7	25.7	98.8	98.8				6.9		2.3		4			
Middle	6.0	0.4	161	26.0						8.2	8.2	26.4	26.4	95.4	95.4	6.7	8.6	4													
	6.0	0.4	165	26.0						8.2	8.2	26.3	26.4	95.4	95.4	6.7	8.6	4													
Bottom	10.9	0.5	154	26.2						8.2	8.2	26.1	26.0	95.8	95.9	6.7	7.3	5													
	10.9	0.4	157	26.2						8.2	8.2	26.0	26.0	96.0	96.0	6.7	7.6	6													
C3	Fine	Calm	13:06	10.8						Surface	1.0	0.5	60	25.2	8.1	8.1	23.1	23.2	111.7	111.0	8.1	7.5	2.1	3.2	8	7	822131	817821			
											1.0	0.5	54	25.2	8.1	8.1	23.4	23.2	110.2	111.0	8.0		2.1		7						
					Middle	5.4	0.5	57	24.9	8.1	8.1	27.4	27.5	96.7	96.8	6.9	3.3	6													
						5.4	0.5	58	24.9	8.1	8.1	27.6	27.5	96.8	96.8	6.9	3.3	7													
					Bottom	9.8	0.5	63	24.9	8.1	8.1	27.8	27.8	97.5	98.6	6.9	4.1	6													
						9.8	0.5	60	24.9	8.1	8.1	27.9	27.8	99.7	98.6	7.1	4.2	6													
					IM1	Cloudy	Moderate	12:58	6.9	Surface	1.0	0.3	181	25.7	8.2	8.2	26.2	26.2	102.9	102.7	7.2	6.9	3.9	5.1	5				5	818348	806465
											1.0	0.3	174	25.7	8.2	8.2	26.2	26.2	102.4	102.7	7.2		4.3		5						
Middle	3.5	0.3	186	25.4						8.2	8.2	28.3	28.3	93.3	93.4	6.5	5.7	6													
	3.5	0.4	181	25.4						8.2	8.2	28.4	28.3	93.4	93.4	6.5	5.7	4													
Bottom	5.9	0.3	206	25.4						8.2	8.2	28.4	28.4	94.7	96.4	6.6	5.5	6													
	5.9	0.3	209	25.4						8.2	8.2	28.4	28.4	98.0	96.4	6.9	5.5	5													
IM2	Cloudy	Moderate	12:50	7.6						Surface	1.0	0.3	202	25.5	8.3	8.3	27.9	28.0	97.2	96.9	6.8	6.7	5.9	6.9	5	4	819188	806234			
											1.0	0.3	207	25.5	8.3	8.3	28.1	28.0	96.5	96.9	6.8		6.1		4						
					Middle	3.8	0.3	195	25.4	8.3	8.2	28.3	28.3	93.9	94.0	6.6	7.4	3													
						3.8	0.4	197	25.4	8.2	8.2	28.3	28.3	94.0	94.0	6.6	7.4	3													
					Bottom	6.6	0.3	190	25.4	8.2	8.2	28.3	28.3	94.8	94.9	6.6	7.4	3													
						6.6	0.3	190	25.4	8.2	8.2	28.3	28.3	95.0	94.9	6.6	7.2	3													
					IM7	Cloudy	Moderate	12:15	8.4	Surface	1.0	0.2	142	26.2	8.2	8.2	25.3	25.3	95.6	95.6	6.7	6.6	1.9	4.5	4				4	821325	806850
											1.0	0.2	147	26.2	8.2	8.2	25.3	25.3	95.6	95.6	6.7		1.9		3						
Middle	4.2	0.2	117	25.8						8.2	8.2	26.6	26.6	93.3	93.3	6.5	5.1	4													
	4.2	0.3	121	25.8						8.2	8.2	26.6	26.6	93.3	93.3	6.5	5.2	5													
Bottom	7.4	0.2	137	25.7						8.2	8.2	26.8	26.8	94.3	94.4	6.6	6.5	5													
	7.4	0.2	136	25.7						8.2	8.2	26.8	26.8	94.5	94.4	6.6	6.5	5													

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



Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on **20 May 23** during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
C1	Cloudy	Moderate	06:23	8.8	Surface	1.0	0.3	23	<u>25.8</u>	25.8	8.1	8.1	<u>26.7</u>	26.7	<u>100.4</u>	100.4	7.0	6.7	4.1	5.8	6	6	815597	804264		
						1.0	0.3	27	<u>25.8</u>		8.1		<u>26.7</u>		<u>100.3</u>		7.0		4.5		5					
					Middle	4.4	0.3	33	<u>25.4</u>	25.4	8.1	8.1	<u>28.0</u>	28.1	<u>91.7</u>	91.6	6.4	6.3	6.4	6.3	7.8				6	
						4.4	0.3	30	<u>25.4</u>		8.1		<u>28.1</u>		<u>91.5</u>		6.4		7.8		6					
					Bottom	7.8	0.4	25	<u>25.4</u>	25.4	8.1	8.1	<u>28.3</u>	28.3	<u>90.5</u>	90.6	6.3	6.3	6.3	6.3	5.2				7	
						7.8	0.3	19	<u>25.4</u>		8.1		<u>28.3</u>		<u>90.6</u>		6.3		5.2		8					
C2	Cloudy	Moderate	07:55	11.2	Surface	1.0	0.4	355	<u>26.1</u>	26.1	8.2	8.2	<u>26.1</u>	26.2	<u>98.0</u>	97.7	6.8	6.7	5.2	7.8	7	6	825658	806942		
						1.0	0.4	355	<u>26.1</u>		8.2		<u>26.2</u>		<u>97.4</u>		6.8		5.6		7					
					Middle	5.6	0.4	8	<u>25.9</u>	25.9	8.2	8.2	<u>26.4</u>	26.4	<u>94.8</u>	94.8	6.6	6.8	6.6		6.8				8.4	7
						5.6	0.4	11	<u>25.9</u>		8.2		<u>26.4</u>		<u>94.8</u>		6.6		8.4						6	
					Bottom	10.2	0.3	3	<u>25.9</u>	25.9	8.2	8.2	<u>26.4</u>	26.4	<u>96.6</u>	96.7	6.8	6.8	6.8		6.8				9.6	5
						10.2	0.3	8	<u>25.9</u>		8.2		<u>26.4</u>		<u>96.8</u>		6.8		9.7						6	
C3	Fine	Calm	06:51	12.0	Surface	1.0	0.5	248	<u>25.2</u>	25.2	8.0	8.0	<u>18.4</u>	18.4	<u>103.2</u>	103.0	7.7	7.1	2.1	2.6	8	7	822109	817809		
						1.0	0.4	245	<u>25.2</u>		8.0		<u>18.5</u>		<u>102.8</u>		7.6		2.2		8					
					Middle	6.0	0.5	278	<u>24.9</u>	24.9	7.9	7.9	<u>27.0</u>	27.1	<u>92.4</u>	92.5	6.6	6.7	6.6		6.7				2.7	6
						6.0	0.5	276	<u>24.9</u>		7.9		<u>27.1</u>		<u>92.5</u>		6.6		2.7						8	
					Bottom	11.0	0.6	273	<u>25.1</u>	25.2	7.8	7.8	<u>27.1</u>	27.0	<u>93.9</u>	94.1	6.6	6.7	6.6		6.7				2.8	7
						11.0	0.6	266	<u>25.2</u>		7.8		<u>26.9</u>		<u>94.2</u>		6.7		2.9						6	
IM1	Cloudy	Moderate	06:47	7.1	Surface	1.0	0.2	30	<u>26.1</u>	26.1	8.2	8.2	<u>26.1</u>	26.2	<u>100.5</u>	100.4	7.0	6.9	2.3	3.4	4	4	818332	806448		
						1.0	0.2	35	<u>26.0</u>		8.2		<u>26.3</u>		<u>100.3</u>		7.0		2.6		4					
					Middle	3.6	0.2	20	<u>25.6</u>	25.6	8.2	8.2	<u>27.4</u>	27.5	<u>97.6</u>	97.2	6.8	6.5	6.8		6.5				3.8	4
						3.6	0.2	17	<u>25.6</u>		8.2		<u>27.5</u>		<u>96.8</u>		6.8		3.9						4	
					Bottom	6.1	0.2	44	<u>25.5</u>	25.6	8.2	8.2	<u>27.8</u>	27.7	<u>92.2</u>	92.3	6.5	6.7	6.5		6.7				4.1	4
						6.1	0.2	39	<u>25.6</u>		8.2		<u>27.6</u>		<u>92.4</u>		6.5		4.0						4	
IM2	Cloudy	Moderate	06:59	7.4	Surface	1.0	0.2	348	<u>25.6</u>	25.6	8.2	8.2	<u>25.9</u>	25.9	<u>95.5</u>	95.5	6.7	6.7	3.6	5.3	6	6	819171	806256		
						1.0	0.2	353	<u>25.6</u>		8.2		<u>26.0</u>		<u>95.5</u>		6.7		3.8		6					
					Middle	3.7	0.2	1	<u>25.5</u>	25.6	8.2	8.2	<u>27.7</u>	27.6	<u>95.1</u>	95.1	6.7	6.7	6.7		6.7				3.9	6
						3.7	0.2	3	<u>25.6</u>		8.2		<u>27.6</u>		<u>95.1</u>		6.7		3.8						7	
					Bottom	6.4	0.3	9	<u>25.6</u>	25.6	8.2	8.2	<u>27.0</u>	27.0	<u>95.2</u>	95.2	6.7	6.7	6.7		6.7				8.4	6
						6.4	0.3	10	<u>25.6</u>		8.2		<u>27.0</u>		<u>95.2</u>		6.7		8.4						7	
IM7	Cloudy	Moderate	07:27	8.2	Surface	1.0	0.3	7	<u>26.1</u>	26.1	8.2	8.2	<u>25.4</u>	25.5	<u>93.4</u>	93.3	6.6	6.6	3.1	5.2	5	5	821363	806814		
						1.0	0.3	1	<u>26.0</u>		8.2		<u>25.6</u>		<u>93.2</u>		6.6		3.0		5					
					Middle	4.1	0.2	20	<u>25.9</u>	25.9	8.2	8.2	<u>26.2</u>	26.2	<u>92.6</u>	92.6	6.5	6.5	6.5		6.5				5.5	4
						4.1	0.2	13	<u>25.8</u>		8.2		<u>26.3</u>		<u>92.6</u>		6.5		6.2						5	
					Bottom	7.2	0.3	6	<u>25.8</u>	25.8	8.2	8.2	<u>26.3</u>	26.3	<u>92.7</u>	92.8	6.5	6.5	6.5		6.5				6.8	4
						7.2	0.3	10	<u>25.8</u>		8.2		<u>26.3</u>		<u>92.8</u>		6.5		6.7						4	

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**



**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 23 May 23 during Mid-Ebb Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA	
C1	Cloudy	Rough	15:11	8.2	Surface	1.0	0.7	216	27.1	27.1	7.8	7.8	23.2	23.2	115.9	115.9	8.1	8.1	1.3	3.2	3	3	815608	804253			
						1.0	0.7	215	27.1	7.8	7.8	23.2	23.2	115.9	115.9	8.1	1.3		3								
						4.1	0.7	215	27.1	7.8	7.8	23.2	23.2	115.2	115.2	8.1	3.6		3								
						4.1	0.7	208	27.1	7.8	7.8	23.2	23.2	115.1	115.1	8.0	3.6		3								
					Bottom	7.2	0.6	235	27.1	27.1	7.8	7.8	23.5	23.5	110.3	110.2	7.7	7.7	4.7	2							
						7.2	0.7	232	27.1	27.1	7.8	7.8	23.5	23.5	110.1	110.1	7.7	7.7	4.7	3							
						1.0	0.6	175	27.4	27.4	7.8	7.8	22.8	22.8	116.6	116.6	8.1	7.8	2.4	1.8	3				3	825669	806942
						1.0	0.5	179	27.4	27.4	7.8	7.8	22.8	22.8	116.5	116.5	8.1		2.5		3						
4.7	0.6	181	27.0	27.0	7.8	7.8	23.7	23.7	106.5	106.5	7.4	1.7	3														
4.7	0.6	184	27.0	27.0	7.8	7.8	23.8	23.8	106.4	106.4	7.4	1.8	3														
Bottom	8.4	0.6	185	26.7	26.7	7.7	7.7	24.5	24.5	96.4	96.4	6.7	6.7	1.2	3												
	8.4	0.5	191	26.7	26.7	7.7	7.7	24.5	24.5	96.4	96.4	6.7	6.7	1.2	2												
	1.0	0.5	53	26.9	26.9	7.8	7.8	24.1	24.1	113.9	113.9	8.0	7.5	1.7	2.6	2	4	822129	817804								
	1.0	0.5	50	26.9	26.9	7.8	7.8	24.1	24.1	113.9	113.9	8.0		1.8		3											
5.4	0.5	64	26.2	26.2	7.7	7.7	26.3	26.3	100.6	100.6	7.0	2.3		4													
5.4	0.4	59	26.2	26.2	7.7	7.7	26.3	26.3	100.5	100.5	7.0	2.2		4													
Bottom	9.8	0.5	53	25.9	25.9	7.7	7.7	27.1	27.1	94.6	94.6	6.6	6.6	3.8	4												
	9.8	0.5	51	25.9	25.9	7.7	7.7	27.1	27.1	94.5	94.5	6.6	6.6	3.8	4												
	1.0	0.4	181	27.1	27.1	7.8	7.8	23.1	23.1	113.1	113.1	7.9	7.7	1.8	2.3	4				4	818367	806436					
	1.0	0.4	186	27.1	27.1	7.8	7.8	23.1	23.1	113.0	113.0	7.9		1.8		4											
3.9	0.3	181	27.0	27.0	7.7	7.7	23.4	23.4	107.5	107.5	7.5	2.4		3													
3.9	0.3	186	27.0	27.0	7.7	7.7	23.4	23.4	107.6	107.6	7.5	2.5		3													
Bottom	6.8	0.3	169	25.8	25.8	7.7	7.7	27.5	27.5	85.5	85.4	6.0	6.0	2.7	3												
	6.8	0.4	172	25.8	25.8	7.7	7.7	27.6	27.6	85.3	85.3	6.0	6.0	2.7	3												
	1.0	0.4	201	27.2	27.2	7.8	7.8	22.9	22.9	119.7	119.6	8.4	8.1	1.8	1.6	3	3	819160	806219								
	1.0	0.4	206	27.2	27.2	7.8	7.8	22.9	22.9	119.5	119.5	8.4		1.8		3											
4.0	0.4	191	26.8	26.8	7.8	7.8	23.6	23.7	110.2	110.1	7.7	1.1		2													
4.0	0.4	186	26.8	26.8	7.8	7.8	23.7	23.7	110.0	110.0	7.7	1.1		2													
Bottom	6.9	0.4	208	26.7	26.7	7.7	7.7	24.6	24.6	100.6	100.7	7.0	7.0	1.8	2												
	6.9	0.4	208	26.7	26.7	7.7	7.7	24.6	24.6	100.7	100.7	7.0	7.0	1.8	2												
	1.0	0.3	169	27.1	27.1	7.8	7.8	23.1	23.1	115.4	115.4	8.1	7.7	2.7	3.0	2				3	821344	806845					
	1.0	0.2	176	27.1	27.1	7.8	7.8	23.1	23.1	115.4	115.4	8.1		2.6		2											
4.1	0.2	174	26.6	26.6	7.7	7.7	24.7	24.8	103.8	103.8	7.3	2.3		3													
4.1	0.2	177	26.6	26.6	7.7	7.7	24.9	24.9	103.8	103.8	7.3	2.3		3													
Bottom	7.1	0.3	169	26.3	26.3	7.7	7.7	25.7	25.7	98.4	98.4	6.9	6.9	3.9	3												
	7.1	0.2	173	26.3	26.3	7.7	7.7	25.7	25.7	98.4	98.4	6.9	6.9	3.9	3												

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

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 23 May 23 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)									
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA							
IM10	Cloudy	Rough	13:40	8.6	Surface	1.0	0.6	104	27.5	27.5	7.8	7.8	22.8	22.8	115.6	115.5	8.0	7.7	1.4	1.5	2	3	822249	809846									
						1.0	0.6	104	27.4	27.5	7.8	7.8	22.8	22.8	115.4	115.5	8.0	7.7	1.4	1.5	3												
						4.3	0.6	101	26.9	26.9	7.8	7.8	24.0	24.0	106.1	106.0	7.4	7.4	1.4	1.5	2												
						4.3	0.6	96	26.9	26.9	7.8	7.8	24.1	24.0	105.9	106.0	7.4	7.4	1.4	1.5	3												
					Bottom	7.6	0.6	89	26.7	26.7	7.7	7.7	24.7	24.7	98.3	98.3	6.9	6.9	1.8	6.9	1.8				3								
						7.6	0.6	93	26.7	26.7	7.7	7.7	24.7	24.7	98.3	98.3	6.9	6.9	1.8	6.9	1.8				3								
						IM11	Cloudy	Rough	13:54	8.1	Surface	1.0	0.8	109	26.7	26.7	7.7	7.7	24.5	24.6	99.8				99.7	7.0	7.0	1.9	3.0	2	3	821504	810525
												1.0	0.7	108	26.6	26.7	7.7	7.7	24.7	24.6	99.5				99.7	7.0	7.0	1.9	3.0	3			
4.1	0.8	114	26.4	26.4	7.7							7.7	25.3	25.4	98.4	98.4	6.9	6.9	3.1	3.0	3												
4.1	0.8	111	26.4	26.4	7.7							7.7	25.4	25.4	98.4	98.4	6.9	6.9	3.2	3.0	3												
Bottom	7.1	0.8	99	26.3	26.3						7.7	7.7	25.9	25.8	96.4	96.5	6.7	6.7	3.9	6.7	3.9	3											
	7.1	0.8	106	26.3	26.3						7.7	7.7	25.8	25.8	96.5	96.5	6.7	6.7	3.9	6.7	3.9	3											
	IM12	Cloudy	Rough	14:01	7.5						Surface	1.0	0.8	104	27.1	27.1	7.8	7.8	23.1	23.2	114.1	113.9	8.0	7.5	1.9	3.2	3	3	821145	811532			
												1.0	0.8	109	27.1	27.1	7.8	7.8	23.2	23.2	113.7	113.9	7.9	7.5	1.9	3.2	3						
3.8						0.7	106	26.7	26.7	7.7		7.7	24.4	24.5	99.7	99.7	7.0	7.5	2.8	3.2	3												
3.8						0.7	103	26.7	26.7	7.7		7.7	24.6	24.5	99.7	99.7	7.0	7.5	2.8	3.2	2												
Bottom						6.5	0.8	110	26.6	26.7	7.8	7.8	25.5	25.5	99.4	99.4	6.9	6.9	4.8	6.9	4.8	5											
						6.5	0.8	105	26.7	26.7	7.8	7.8	25.5	25.5	99.4	99.4	6.9	6.9	4.8	6.9	4.8	5											
						SR1A	Cloudy	Moderate	15:12	5.2	Surface	1.0	0.0	95	27.1	27.1	7.8	7.8	23.1	23.1	114.2	114.2	8.0	8.0	3.7	2.8	3				3	819971	812663
												1.0	0.0	99	27.1	27.1	7.8	7.8	23.1	23.1	114.2	114.2	8.0	8.0	3.7	2.8	4						
2.6	0.1	82	-	-	-							-	-	-	-	-	-	-	-	-	-	-	3										
2.6	0.1	85	-	-	-							-	-	-	-	-	-	-	-	-	-	-	3										
Bottom	4.2	0.1	75	27.0	27.0						7.7	7.7	23.6	23.7	112.4	112.4	7.9	7.9	1.9	7.9	1.9	3											
	4.2	0.1	78	26.9	27.0						7.7	7.7	23.7	23.7	112.4	112.4	7.9	7.9	1.9	7.9	1.9	3											
	SR2	Cloudy	Rough	15:24	5.3						Surface	1.0	0.7	43	27.1	27.1	7.8	7.8	23.1	23.1	117.9	117.9	8.2	8.2	1.8	1.7	3	2	821441	814185			
												1.0	0.7	43	27.1	27.1	7.8	7.8	23.1	23.1	117.9	117.9	8.2	8.2	1.8	1.7	2						
-						0.7	30	-	-	-		-	-	-	-	-	-	-	-	-	-	-	3										
-						0.7	33	-	-	-		-	-	-	-	-	-	-	-	-	-	-	2										
Bottom						4.3	0.6	32	27.1	27.1	7.8	7.8	23.1	23.1	117.5	117.5	8.2	8.2	1.6	8.2	1.6	3											
						4.3	0.6	34	27.1	27.1	7.8	7.8	23.1	23.1	117.5	117.5	8.2	8.2	1.6	8.2	1.6	3											
						SR3	Cloudy	Rough	14:04	8.5	Surface	1.0	0.5	152	27.1	27.1	7.8	7.8	23.4	23.4	113.5	113.2	7.9	7.5	1.7	2.4	3				3	822133	807561
												1.0	0.5	148	27.0	27.1	7.8	7.8	23.5	23.4	112.8	113.2	7.9	7.5	1.7	2.4	2						
4.3	0.5	140	26.7	26.7	7.7							7.7	24.6	24.7	100.6	100.5	7.0	7.5	2.0	2.4	3												
4.3	0.6	142	26.6	26.7	7.7							7.7	24.8	24.7	100.4	100.5	7.0	7.5	2.1	2.4	3												
Bottom	7.5	0.6	144	26.3	26.4						7.7	7.7	25.7	25.7	95.3	95.4	6.7	6.7	3.6	6.7	3.6	4											
	7.5	0.6	144	26.4	26.4						7.7	7.7	25.6	25.7	95.4	95.4	6.7	6.7	3.6	6.7	3.6	4											
	SR4A	Cloudy	Moderate	15:39	9.6						Surface	1.0	0.0	26	27.1	27.1	7.8	7.8	23.1	23.1	116.5	116.4	8.1	8.1	2.6	4.2	3	3	817186	807812			
												1.0	0.0	30	27.1	27.1	7.8	7.8	23.1	23.1	116.3	116.4	8.1	8.1	2.6	4.2	2						
4.8						0.0	52	27.0	27.0	7.7		7.7	23.4	23.5	114.1	114.1	8.0	8.1	3.8	4.2	3												
4.8						0.1	53	27.0	27.0	7.7		7.7	23.5	23.5	114.1	114.1	8.0	8.1	3.9	4.2	3												
Bottom						8.6	0.0	34	26.9	26.9	7.7	7.7	24.2	24.2	105.3	105.4	7.3	7.4	6.0	7.4	6.0	3											
						8.6	0.0	32	26.9	26.9	7.7	7.7	24.2	24.2	105.5	105.5	7.4	7.4	6.0	7.4	6.0	3											
						SR8	Cloudy	Moderate	14:07	5.1	Surface	1.0	-	-	27.1	27.1	7.8	7.8	23.1	23.1	116.8	116.8	8.2	8.2	2.7	3.2	2				3	820409	811606
												1.0	-	-	27.1	27.1	7.8	7.8	23.2	23.2	116.7	116.8	8.2	8.2	2.7	3.2	3						
-	-	-	-	-	-							-	-	-	-	-	-	-	-	-	-	-	3										
-	-	-	-	-	-							-	-	-	-	-	-	-	-	-	-	-	3										
Bottom	4.1	-	-	26.9	26.9						7.8	7.8	23.8	23.8	108.1	108.2	7.6	7.6	3.7	7.6	3.7	3											
	4.1	-	-	26.9	26.9						7.8	7.8	23.8	23.8	108.2	108.2	7.6	7.6	3.7	7.6	3.7	3											

DA: Depth-Averaged

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

**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 23 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)								
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA						
C1	Rainy	Rough	07:05	7.9	Surface	1.0	0.2	357	25.6	25.6	7.8	7.8	28.4	28.4	99.5	99.5	6.9	6.9	1.2	1.2	3	3	815625	804233								
						1.0	0.1	3	25.6	25.6	7.8	7.8	28.4	28.4	99.4	99.5	6.9	6.9	1.2	1.2	2											
					Middle	4.0	0.1	3	25.5	25.5	7.8	7.8	28.4	28.4	98.8	98.8	6.9	6.9	3.7	3.7	3				3							
						4.0	0.1	359	25.5	25.5	7.8	7.8	28.4	28.4	98.8	98.8	6.9	6.9	3.7	3.7	3				3							
					Bottom	6.9	0.1	19	25.2	25.2	7.8	7.8	29.4	29.4	94.5	94.6	6.6	6.6	4.2	4.2	4				4							
						6.9	0.1	17	25.2	25.2	7.8	7.8	29.4	29.4	94.6	94.6	6.6	6.6	4.3	4.3	4				4							
					C2	Rainy	Rough	08:25	8.9	Surface	1.0	0.4	344	27.0	27.0	7.7	7.7	23.4	23.4	104.7	104.7				7.3	7.3	1.8	1.8	3	3	825696	806935
											1.0	0.3	341	27.0	27.0	7.7	7.7	23.4	23.4	104.7	104.7				7.3	7.3	1.9	1.9	2			
Middle	4.5	0.3	345	26.8						26.8	7.7	7.7	24.1	24.1	98.0	98.1	6.9	6.9	1.1	1.1	3	3										
	4.5	0.3	342	26.8						26.8	7.7	7.7	24.1	24.1	98.1	98.1	6.9	6.9	1.1	1.1	3	3										
Bottom	7.9	0.3	6	26.7						26.7	7.7	7.7	24.6	24.6	99.8	99.8	7.0	7.0	1.6	1.6	3	3										
	7.9	0.3	3	26.7						26.7	7.7	7.7	24.6	24.6	99.8	99.8	7.0	7.0	1.6	1.6	3	3										
C3	Rainy	Rough	06:37	11.5						Surface	1.0	0.1	286	25.5	25.5	7.8	7.8	27.3	27.3	97.4	97.4	6.8	6.8	1.8	1.8	3	4	822122	817792			
											1.0	0.1	279	25.5	25.5	7.8	7.8	27.3	27.3	97.3	97.4	6.8	6.8	1.8	1.8	2						
					Middle	5.8	0.1	293	25.2	25.2	7.7	7.7	27.6	27.6	95.8	95.8	6.8	6.8	1.5	1.5	3	3										
						5.8	0.1	297	25.2	25.2	7.7	7.7	27.6	27.6	95.7	95.8	6.7	6.7	1.7	1.7	4	4										
					Bottom	10.5	0.2	291	25.0	25.0	7.8	7.8	27.3	27.3	91.7	91.7	6.5	6.5	1.9	1.9	6	6										
						10.5	0.2	294	25.0	25.0	7.8	7.8	27.1	27.2	91.7	91.7	6.5	6.5	1.9	1.9	5	5										
					IM1	Rainy	Rough	07:27	7.1	Surface	1.0	0.0	40	26.9	26.9	7.7	7.7	23.7	23.7	108.1	108.1	7.6	7.6	2.6	2.6	2				3	818351	806435
											1.0	0.0	46	26.9	26.9	7.7	7.7	23.7	23.7	108.0	108.1	7.6	7.6	2.6	2.6	3						
Middle	3.6	0.1	27	25.9						25.9	7.7	7.7	27.1	27.2	94.4	94.4	6.6	6.6	2.6	2.6	4	4										
	3.6	0.1	20	25.9						25.9	7.7	7.7	27.3	27.2	94.4	94.4	6.6	6.6	2.6	2.6	4	4										
Bottom	6.1	0.0	38	25.8						25.8	7.7	7.7	27.7	27.7	94.9	95.0	6.6	6.6	3.8	3.8	4	4										
	6.1	0.1	36	25.8						25.8	7.7	7.7	27.7	27.7	95.0	95.0	6.6	6.6	3.7	3.7	3	3										
IM2	Rainy	Rough	07:33	7.4						Surface	1.0	0.0	250	26.8	26.8	7.7	7.7	24.4	24.5	110.3	110.3	7.7	7.7	1.7	1.7	4	3	819173	806252			
											1.0	0.0	253	26.8	26.8	7.7	7.7	24.6	24.6	110.3	110.3	7.7	7.7	1.7	1.7	4						
					Middle	3.7	0.1	244	26.5	26.5	7.7	7.7	25.5	25.6	102.5	102.5	7.2	7.2	1.4	1.4	2	2										
						3.7	0.1	248	26.4	26.4	7.7	7.7	25.7	25.7	102.5	102.5	7.2	7.2	1.4	1.4	3	3										
					Bottom	6.4	0.1	251	26.1	26.1	7.7	7.7	26.7	26.6	96.6	96.7	6.7	6.7	2.1	2.1	2	2										
						6.4	0.1	247	26.1	26.1	7.7	7.7	26.6	26.6	96.7	96.7	6.7	6.7	2.0	2.0	2	2										
					IM7	Rainy	Rough	07:53	7.8	Surface	1.0	0.0	331	26.9	26.9	7.8	7.8	23.7	23.7	112.8	112.8	7.9	7.9	1.3	1.3	2				3	821365	806844
											1.0	0.0	332	26.9	26.9	7.8	7.8	23.7	23.7	112.8	112.8	7.9	7.9	1.4	1.4	2						
Middle	3.9	0.0	344	26.4						26.4	7.7	7.7	25.8	25.8	97.9	97.9	6.8	6.8	2.8	2.8	2	2										
	3.9	0.1	350	26.4						26.4	7.7	7.7	25.8	25.8	97.9	97.9	6.8	6.8	2.8	2.8	3	3										
Bottom	6.8	0.1	307	26.4						26.4	7.7	7.7	25.8	25.8	99.1	99.1	6.9	6.9	3.4	3.4	4	4										
	6.8	0.1	301	26.4						26.4	7.7	7.7	25.8	25.8	99.1	99.1	6.9	6.9	3.5	3.5	3	3										

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**Expansion of Hong Kong International Airport into a Three-Runway System  
Water Quality Monitoring**

**Water Quality Monitoring Results on 25 May 23 during Mid-Ebb Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)												
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA																
C1	Cloudy	Moderate	16:44	8.7	Surface	1.0	0.6	219	26.4	26.4	8.2	8.2	27.0	27.1	114.9	114.6	7.9	7.4	6.8	6.8	5.1	3	3	815636	804252											
						1.0	0.6	215	26.3	8.2	8.2	27.1	27.1	114.3	114.6	7.9	1.3																			
					Middle	4.4	0.6	215	25.9	25.9	8.2	8.2	28.5	28.5	97.9	97.9	6.8						1.3													
						4.4	0.6	220	25.9	25.9	8.2	8.2	28.5	28.5	97.8	97.9	6.8						5.7													
					Bottom	7.7	0.6	222	26.2	26.3	8.1	8.1	28.3	28.3	98.6	98.9	6.8						8.7													
						7.7	0.6	216	26.3		8.1	8.1	28.3	28.3	99.1	98.9	6.8						8.5													
					C2	Cloudy	Moderate	15:02	11.9	Surface	1.0	0.3	179	26.5	26.5	8.2	8.2						25.7			25.7	101.6	101.6	7.0	6.9	6.8	6.9	6.8	2	825689	806967
											1.0	0.4	181	26.4	8.2	8.2	25.7						25.7			101.6	101.6	7.0	6.1							
Middle	6.0	0.4	172	26.0						26.0	8.2	8.2	26.4	26.4	98.2	98.2	6.8	6.4																		
	6.0	0.5	176	26.0						26.0	8.2	8.2	26.3	26.4	98.2	98.2	6.8	5.6																		
Bottom	10.9	0.4	187	26.2						26.2	8.2	8.2	26.1	26.0	98.6	98.7	6.8	8.3																		
	10.9	0.5	185	26.2							8.2	8.2	26.0	26.0	98.8	98.7	6.9	8.6																		
C3	Fine	Calm	16:12	10.8						Surface	1.0	0.5	85	26.8	27.0	8.0	8.0	28.9	28.5	98.9	99.3	6.7	6.8	6.7	6.7	1.1	3	822121	817791							
											1.0	0.5	78	27.2	8.0	8.0	28.1	28.5	99.6	99.3	6.8	1.1														
					Middle	5.4	0.5	77	27.2	27.2	8.0	8.0	27.9	28.0	103.1	101.4	7.0	1.0																		
						5.4	0.5	83	27.2	27.2	8.0	8.0	28.1	28.0	99.6	99.4	6.8	1.1																		
					Bottom	9.8	0.4	74	27.4	27.5	8.0	8.0	28.3	28.1	99.4	99.4	6.7	1.2																		
						9.8	0.4	79	27.5		8.0	8.0	28.0	28.1	99.3	99.4	6.7	1.1																		
					IM1	Cloudy	Moderate	16:21	7.1	Surface	1.0	0.4	205	26.1	26.1	8.2	8.2	27.8	27.9	112.9	112.5	7.8								7.3	6.8	6.8	4.2	2	818335	806458
											1.0	0.4	207	26.1	8.2	8.2	27.9	27.9	112.0	112.5	7.7	1.8														
Middle	3.6	0.4	191	26.0						26.0	8.2	8.2	28.4	28.4	99.0	98.6	6.8	2.1																		
	3.6	0.4	186	26.0						26.0	8.2	8.2	28.4	28.4	98.2	98.6	6.8	2.1																		
Bottom	6.1	0.4	172	26.2						26.3	8.2	8.2	28.4	28.3	99.1	99.4	6.8	8.9																		
	6.1	0.4	172	26.3							8.2	8.2	28.3	28.3	99.6	99.4	6.8	8.2																		
IM2	Cloudy	Moderate	16:17	6.6						Surface	1.0	0.4	180	26.2	26.2	8.2	8.2	27.5	27.6	113.4	113.2	7.8	7.6	6.6	6.6	2.5	2	819164	806235							
											1.0	0.5	179	26.1	8.2	8.2	27.7	27.6	112.9	113.2	7.8	1.6														
					Middle	3.3	0.4	205	25.9	25.9	8.2	8.2	28.2	28.2	105.4	105.2	7.3	1.9																		
						3.3	0.4	212	25.9	25.9	8.2	8.2	28.2	28.2	105.0	105.2	7.3	2.0																		
					Bottom	5.6	0.4	208	26.0	26.0	8.2	8.2	28.4	28.4	96.0	96.0	6.6	4.1																		
						5.6	0.4	201	26.0		8.2	8.2	28.4	28.4	96.0	96.0	6.6	4.0																		
					IM7	Cloudy	Moderate	15:43	8.2	Surface	1.0	0.3	183	26.5	26.5	8.1	8.1	24.3	24.3	105.5	105.4	7.4								7.1	6.7	6.7	3.4	2	821354	806853
											1.0	0.3	187	26.4	8.1	8.1	24.4	24.3	105.2	105.4	7.4	2.6														
Middle	4.1	0.3	185	26.0						26.1	8.1	8.1	27.5	27.5	96.4	96.4	6.7	5.0																		
	4.1	0.3	178	26.1						26.1	8.1	8.1	27.4	27.5	96.4	96.4	6.7	4.7																		
Bottom	7.2	0.3	184	26.4						26.5	8.1	8.1	27.7	27.7	96.6	96.8	6.6	3.1																		
	7.2	0.3	180	26.5							8.1	8.1	27.6	27.7	97.0	96.8	6.7	2.8																		

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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 25 May 23 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			
IM10	Fine	Calm	15:01	8.8	Surface	1.0	0.4	103	27.0	27.0	8.0	8.0	27.7	27.8	98.3	96.3	6.7	6.5	1.0	1.2	3	3	822235	809857	
						1.0	0.4	109	27.0	8.0	8.0	27.8	28.0	94.3	96.3	6.4									
					Middle	4.4	0.5	110	27.0	8.0	8.0	28.0	28.0	93.6	93.7	6.4	6.4								1.1
						4.4	0.4	110	27.0	8.0	8.0	28.0	28.0	93.7	93.7	6.4	6.4								1.1
					Bottom	7.8	0.5	89	27.2	8.0	8.0	28.0	28.0	95.0	96.1	6.4	6.5								1.6
						7.8	0.5	83	27.3	8.0	8.0	27.9	28.0	97.1	96.1	6.6	6.5								1.6
IM11	Fine	Calm	15:09	7.2	Surface	1.0	0.6	79	27.0	27.0	8.0	8.0	28.0	28.0	98.7	96.7	7.0	6.8	1.0	1.2	3	3	821508	810555	
						1.0	0.6	73	27.0	8.0	8.0	28.0	28.0	94.7	96.7	6.7									
					Middle	3.6	0.5	110	27.0	8.0	8.0	28.3	28.3	94.0	94.1	6.7	6.7								1.1
						3.6	0.5	112	27.0	8.0	8.0	28.3	28.3	94.1	94.1	6.7	6.7								1.1
					Bottom	6.2	0.6	89	27.0	8.0	8.0	28.2	28.2	95.4	96.5	6.7	6.8								1.6
						6.2	0.6	91	27.0	8.0	8.0	28.2	28.2	97.5	96.5	6.9	6.8								1.6
IM12	Fine	Calm	15:25	7.2	Surface	1.0	0.7	104	27.3	27.3	8.1	8.1	26.6	26.6	115.8	115.2	7.9	7.7	1.3	1.4	3	821171	811531		
						1.0	0.7	104	27.3	8.1	8.1	26.6	26.6	114.6	115.2	7.8									
					Middle	3.6	0.6	92	27.3	8.1	8.1	26.8	26.8	109.4	109.2	7.5	7.4							1.4	
						3.6	0.6	94	27.3	8.1	8.1	26.8	26.8	109.0	109.2	7.4	7.4							1.5	
					Bottom	6.2	0.7	112	27.3	8.1	8.1	26.7	26.6	109.1	109.2	7.4	7.5							1.4	
						6.2	0.7	106	27.4	8.1	8.1	26.5	26.6	109.3	109.2	7.5	7.5							1.4	
SR1A	Fine	Calm	15:47	5.4	Surface	1.0	0.0	105	27.4	27.4	8.0	8.0	25.5	25.5	107.3	107.1	7.4	7.4	2.0	2.6	2	819983	812658		
						1.0	0.0	98	27.4	8.0	8.0	25.5	25.5	106.9	107.1	7.3									
					Middle	2.7	-	93	-	-	-	-	-	-	-	-	-							-	
						2.7	0.1	92	-	-	-	-	-	-	-	-	-							-	
					Bottom	4.4	0.0	113	27.3	8.0	8.0	25.7	25.7	106.0	106.0	7.3	7.3							3.2	
						4.4	0.1	108	27.2	8.0	8.0	25.6	25.7	106.0	106.0	7.3	7.3							3.2	
SR2	Fine	Calm	16:01	4.2	Surface	1.0	0.5	60	26.8	26.8	8.0	8.0	28.0	28.4	99.3	99.3	6.8	6.8	1.0	1.3	2	821447	814167		
						1.0	0.6	63	26.8	8.0	8.0	28.7	28.4	99.2	99.3	6.8									
					Middle	-	0.5	35	-	-	-	-	-	-	-	-	-							-	
						-	0.5	37	-	-	-	-	-	-	-	-	-							-	
					Bottom	3.2	0.6	57	26.9	8.0	8.0	28.5	28.7	98.9	98.8	6.7	6.7							1.5	
						3.2	0.6	54	26.8	8.0	8.0	28.9	28.7	98.7	98.8	6.7	6.7							1.4	
SR3	Cloudy	Moderate	15:32	9.4	Surface	1.0	0.5	151	26.8	26.8	8.1	8.1	24.2	24.2	106.8	106.7	7.4	7.2	1.1	3.4	2	822158	807551		
						1.0	0.5	155	26.7	8.1	8.1	24.2	24.2	106.6	106.7	7.4									
					Middle	4.7	0.5	161	26.3	8.1	8.1	26.4	26.6	100.6	99.9	7.0	7.0							2.8	
						4.7	0.5	166	26.2	8.1	8.1	26.8	26.6	99.1	99.9	6.9	6.9							2.8	
					Bottom	8.4	0.5	141	25.9	8.1	8.1	28.0	28.0	98.0	98.3	6.8	6.8							6.3	
						8.4	0.5	145	25.9	8.1	8.1	28.0	28.0	98.5	98.3	6.8	6.8							6.5	
SR4A	Cloudy	Moderate	17:13	8.4	Surface	1.0	0.0	346	26.2	26.2	8.2	8.2	28.0	28.0	102.9	102.9	7.1	6.9	2.7	3.7	3	817207	807789		
						1.0	0.0	348	26.2	8.2	8.2	28.0	28.0	102.9	102.9	7.1									
					Middle	4.2	0.0	344	25.9	8.2	8.2	28.3	28.3	97.4	97.4	6.8	6.8							4.0	
						4.2	0.1	337	25.9	8.2	8.2	28.3	28.3	97.4	97.4	6.7	6.7							4.1	
					Bottom	7.4	0.0	8	26.0	8.2	8.2	28.2	28.2	97.8	98.0	6.8	6.8							4.3	
						7.4	0.0	9	26.1	8.2	8.2	28.2	28.2	98.1	98.0	6.8	6.8							4.3	
SR8	Fine	Calm	15:30	4.2	Surface	1.0	-	-	27.0	26.9	8.1	8.1	26.3	26.4	109.2	108.7	7.5	7.5	1.0	1.5	3	820373	811610		
						1.0	-	-	26.8	8.1	8.1	26.5	26.4	108.1	108.7	7.5									
					Middle	-	-	-	-	-	-	-	-	-	-	-	-							-	
						-	-	-	-	-	-	-	-	-	-	-	-							-	
					Bottom	3.2	-	-	26.7	8.1	8.1	27.5	27.3	105.4	104.6	7.2	7.2							2.0	
						3.2	-	-	26.6	8.1	8.1	27.1	27.3	103.8	104.6	7.2	7.2							1.9	

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

**Expansion of Hong Kong International Airport into a Three-Runway System**  
**Water Quality Monitoring**

**Water Quality Monitoring Results on 25 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA						
C1	Cloudy	Moderate	04:01	8.4	Surface	1.0	0.1	95	25.7	25.7	8.1	8.1	27.9	27.9	95.2	95.2	6.6	6.3	9.0	8.1	2	2	815624	804257		
						1.0	0.1	88	25.7	25.7	8.1	8.1	27.9	27.9	95.1	95.2	6.6									
					Middle	4.2	0.0	76	25.3	25.3	8.1	8.1	29.2	29.3	86.5	86.4	6.0								6.3	9.4
						4.2	0.0	74	25.3	25.3	8.1	8.1	29.3	29.3	86.3	86.4	6.0								6.3	9.1
					Bottom	7.4	0.1	71	25.3	25.3	8.1	8.1	29.5	29.5	85.3	85.4	5.9								5.9	6.1
						7.4	0.1	75	25.3	25.3	8.1	8.1	29.5	29.5	85.4	85.4	5.9								5.9	6.1
C2	Cloudy	Moderate	05:48	11.1	Surface	1.0	0.3	182	26.0	26.0	8.2	8.2	27.3	27.4	92.8	92.5	6.4	6.3	6.1	8.7	2	2	825687	806951		
						1.0	0.2	184	26.0	26.0	8.2	8.2	27.4	27.4	92.2	92.5	6.4									
					Middle	5.6	0.2	165	25.8	25.8	8.2	8.2	27.6	27.6	89.6	89.6	6.2								6.3	6.5
						5.6	0.2	168	25.8	25.8	8.2	8.2	27.6	27.6	89.6	89.6	6.2								6.3	6.5
					Bottom	10.1	0.3	191	25.8	25.8	8.2	8.2	27.6	27.6	91.4	91.5	6.4								6.4	10.5
						10.1	0.3	188	25.8	25.8	8.2	8.2	27.6	27.6	91.6	91.5	6.4								6.4	10.6
C3	Fine	Calm	04:43	12.2	Surface	1.0	0.1	65	26.7	26.7	8.1	8.1	28.6	28.6	110.0	109.8	7.5	7.1	0.9	1.3	3	3	822126	817792		
						1.0	0.1	69	26.7	26.7	8.1	8.1	28.6	28.6	109.6	109.8	7.5									
					Middle	6.1	0.1	91	26.1	26.1	8.0	8.0	30.2	30.2	101.1	99.3	6.9								7.1	1.1
						6.1	0.1	84	26.1	26.1	8.0	8.0	30.2	30.2	97.4	99.3	6.6								7.1	1.1
					Bottom	11.2	0.1	90	26.1	26.1	8.0	8.0	30.3	30.3	97.0	97.2	6.6								6.6	1.8
						11.2	0.1	86	26.1	26.1	8.0	8.0	30.3	30.3	97.4	97.2	6.6								6.6	1.8
IM1	Cloudy	Moderate	04:25	6.5	Surface	1.0	0.1	117	26.0	26.0	8.2	8.2	27.3	27.4	95.3	95.2	6.6	6.5	7.2	8.3	2	2	818345	806452		
						1.0	0.1	124	25.9	25.9	8.2	8.2	27.5	27.4	95.1	95.2	6.6									
					Middle	3.3	0.1	123	25.5	25.5	8.2	8.2	28.6	28.7	92.4	92.0	6.4								6.5	8.7
						3.3	0.0	123	25.5	25.5	8.2	8.2	28.7	28.7	91.6	92.0	6.3								6.5	8.8
					Bottom	5.5	0.1	104	25.4	25.5	8.2	8.2	29.0	28.9	87.0	87.1	6.0								6.0	9.0
						5.5	0.1	107	25.5	25.5	8.2	8.2	28.8	28.9	87.2	87.1	6.0								6.0	8.9
IM2	Cloudy	Moderate	04:37	6.8	Surface	1.0	0.1	207	25.5	25.5	8.2	8.2	27.1	27.1	90.3	90.3	6.3	6.3	8.5	8.9	3	3	819200	806256		
						1.0	0.0	210	25.5	25.5	8.2	8.2	27.2	27.1	90.3	90.3	6.3									
					Middle	3.4	0.1	212	25.4	25.5	8.2	8.2	28.9	28.8	89.9	89.9	6.2								6.3	8.8
						3.4	0.1	204	25.5	25.5	8.2	8.2	28.8	28.8	89.9	89.9	6.2								6.3	8.7
					Bottom	5.8	0.0	215	25.5	25.5	8.2	8.2	28.2	28.2	90.0	90.0	6.3								6.3	9.3
						5.8	0.1	219	25.5	25.5	8.2	8.2	28.2	28.2	90.0	90.0	6.3								6.3	9.3
IM7	Cloudy	Moderate	05:05	7.6	Surface	1.0	0.1	156	26.0	26.0	8.3	8.3	26.6	26.7	88.2	88.1	6.1	6.1	8.0	10.2	2	2	821326	806845		
						1.0	0.0	154	25.9	25.9	8.3	8.3	26.8	26.7	88.0	88.1	6.1									
					Middle	3.8	0.1	169	25.8	25.8	8.3	8.3	27.4	27.4	87.4	87.4	6.1								6.1	10.4
						3.8	0.1	162	25.7	25.8	8.3	8.3	27.5	27.4	87.4	87.4	6.1								6.1	11.1
					Bottom	6.6	0.1	137	25.7	25.7	8.2	8.2	27.5	27.5	87.5	87.6	6.1								6.1	11.7
						6.6	0.1	143	25.7	25.7	8.2	8.2	27.5	27.5	87.6	87.6	6.1								6.1	11.6

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

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on **25 May 23** during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA		
IM10	Fine	Calm	06:00	7.8	Surface	1.0	0.2	144	26.9	26.9	8.0	8.0	25.7	25.7	99.8	99.4	6.9	6.7	1.7	2.4	4	3	822253	809859				
						1.0	0.2	149	26.8	8.0	8.0	25.6	28.0	98.9	96.1	6.8	6.5	1.6	2.3	4	3							
					Middle	3.9	0.2	114	26.7	26.7	8.0	8.0	28.0	28.0	95.9	96.1	6.5	6.7	2.4	2.4	2	3						
						3.9	0.2	114	26.7	26.7	8.0	8.0	28.1	28.1	96.3	96.1	6.6	6.7	2.3	2.4	2	3						
					Bottom	6.8	0.2	154	26.7	26.7	8.0	8.0	28.1	28.1	97.3	97.5	6.6	6.7	3.2	2.4	2	3						
						6.8	0.2	159	26.7	26.7	8.0	8.0	28.1	28.1	97.6	97.5	6.7	6.7	3.2	2.4	3	3						
IM11	Fine	Calm	05:52	9.2	Surface	1.0	0.2	106	27.0	27.0	8.1	8.1	26.7	26.8	108.0	107.5	7.4	7.2	1.4	1.9	<2	2	821519	810560				
						1.0	0.2	113	27.0	27.0	8.1	8.1	26.9	27.3	107.0	102.1	7.3	7.1	1.3	1.9	<2	2						
					Middle	4.6	0.2	94	27.0	27.0	8.0	8.0	27.2	27.3	104.8	102.1	7.1	6.7	1.9	1.9	2	2						
						4.6	0.2	90	27.0	27.0	8.0	8.0	27.3	27.7	99.4	99.0	6.8	6.7	2	2.4	2	3						
					Bottom	8.2	0.2	121	27.1	27.1	8.0	8.0	27.8	27.7	99.0	99.0	6.7	6.7	2.4	2.4	2	3						
						8.2	0.3	120	27.1	27.1	8.0	8.0	27.7	27.7	98.9	99.0	6.7	6.7	2.4	2.4	3	3						
IM12	Fine	Calm	05:48	8.0	Surface	1.0	0.2	84	26.7	26.7	8.1	8.1	26.4	26.4	105.6	104.6	7.3	7.0	1.3	1.4	<2	3	821162	811539				
						1.0	0.3	82	26.7	26.7	8.1	8.1	26.4	28.5	103.6	98.5	7.1	6.7	1.2	1.4	<2	2						
					Middle	4.0	0.2	99	26.8	26.9	8.0	8.0	28.5	28.5	98.3	98.5	6.7	6.7	1.4	1.4	2	2						
						4.0	0.3	100	26.9	26.9	8.0	8.0	28.5	28.5	98.6	99.1	6.7	6.7	2	1.7	3	4						
					Bottom	7.0	0.2	112	27.0	27.1	8.0	8.0	28.6	28.5	99.0	99.1	6.7	6.7	3	1.7	3	4						
						7.0	0.1	116	27.1	27.1	8.0	8.0	28.5	28.5	99.1	99.1	6.7	6.7	4	1.7	4	4						
SR1A	Fine	Calm	05:27	4.8	Surface	1.0	0.0	162	27.0	27.0	8.0	8.0	25.4	25.4	103.4	103.3	7.1	7.1	1.0	1.0	2	3	819980	812664				
						1.0	0.0	156	27.0	27.0	8.0	8.0	25.4	25.4	103.2	103.3	7.1	7.1	1.0	1.0	3	3						
					Middle	2.4	0.0	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	2	2
						2.4	0.0	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	2	2
					Bottom	3.8	0.0	148	27.0	27.0	8.0	8.0	25.5	25.4	102.8	102.7	7.1	7.1	1.0	1.1	1.0	1.1			<2	<2		
						3.8	0.0	146	27.0	27.0	8.0	8.0	25.4	25.4	102.6	102.7	7.1	7.1	1.1	1.1	<2	<2			2	2		
SR2	Fine	Calm	05:11	4.6	Surface	1.0	0.2	44	26.8	26.9	8.0	8.0	27.4	27.4	103.9	103.6	7.1	7.1	1.2	1.3	2	3	821484	814148				
						1.0	0.3	44	26.9	26.9	8.0	8.0	27.5	27.5	103.3	103.6	7.0	7.0	1.2	1.3	3	3						
					Middle	-	0.2	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3	3
						-	0.2	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3	3
					Bottom	3.6	0.2	33	27.3	27.4	8.0	8.0	27.6	27.5	99.2	99.1	6.7	6.7	1.3	1.3	2	4						
						3.6	0.2	33	27.4	27.4	8.0	8.0	27.5	27.5	99.0	99.1	6.7	6.7	1.3	1.3	4	4						
SR3	Cloudy	Moderate	05:12	8.8	Surface	1.0	0.2	161	26.2	26.2	8.2	8.2	25.8	25.9	85.7	85.7	6.0	6.0	6.6	6.8	<2	2	822164	807572				
						1.0	0.2	163	26.1	26.2	8.2	8.2	25.9	26.7	85.6	85.1	6.0	5.9	6.8	6.8	<2	2						
					Middle	4.4	0.2	143	25.9	25.9	8.2	8.2	26.7	26.7	85.0	85.1	5.9	5.9	8.4	8.3	2	3						
						4.4	0.2	147	25.9	25.9	8.2	8.2	26.7	26.7	85.1	85.1	5.9	5.9	8.3	8.3	2	3						
					Bottom	7.8	0.3	157	25.9	25.9	8.2	8.2	26.7	26.7	85.0	85.0	5.9	5.9	8.5	8.4	3	3						
						7.8	0.2	155	25.9	25.9	8.2	8.2	26.7	26.7	85.0	85.0	5.9	5.9	8.4	8.4	3	3						
SR4A	Cloudy	Moderate	03:33	8.8	Surface	1.0	0.0	107	25.9	25.9	8.1	8.1	27.5	27.5	90.7	90.7	6.3	6.3	6.1	6.2	3	3	817202	807810				
						1.0	0.0	111	25.9	25.9	8.1	8.1	27.5	27.8	90.6	89.3	6.3	6.2	6.2	7.7	3	3						
					Middle	4.4	0.0	104	25.8	25.8	8.1	8.1	27.8	27.8	89.3	89.3	6.2	6.2	7.7	7.7	3	3						
						4.4	0.1	110	25.8	25.8	8.1	8.1	27.8	27.9	89.3	88.1	6.2	6.1	7.7	9.2	3	2						
					Bottom	7.8	0.0	98	25.8	25.8	8.1	8.1	27.9	27.9	88.1	88.1	6.1	6.1	9.2	9.5	2	2						
						7.8	0.0	100	25.8	25.8	8.1	8.1	27.9	27.8	88.1	88.5	6.1	6.7	9.5	2.9	2	4						
SR8	Fine	Calm	05:42	4.2	Surface	1.0	-	-	27.2	27.2	8.0	8.0	26.8	26.9	97.6	97.6	6.6	6.6	1.2	1.2	2	3	820389	811629				
						1.0	-	-	27.2	27.2	8.0	8.0	27.0	27.8	97.6	97.6	6.6	6.6	1.2	1.2	3	3						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3	3
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3	3
					Bottom	3.2	-	-	27.3	27.4	8.0	8.0	27.8	27.8	98.2	98.4	6.6	6.7	2.9	2.9	4	4						
						3.2	-	-	27.4	27.4	8.0	8.0	27.8	27.8	98.5	98.5	6.7	6.7	2.9	2.9	4	4						

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

**Expansion of Hong Kong International Airport into a Three-Runway System**  
**Water Quality Monitoring**

**Water Quality Monitoring Results on 27 May 23 during Mid-Ebb Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA				
C1	Sunny	Moderate	18:10	8.2	Surface	1.0	0.4	212	28.6	28.6	8.2	8.2	24.5	24.5	152.0	151.2	10.3	8.9	3.3	5.1	2	3	815643	804240		
						1.0	0.5	207	28.6	8.3	8.2	24.5	24.5	150.3	151.2	10.2	8.9	3.3	5.1	2	3					
					Middle	4.1	0.4	224	26.1	26.1	8.1	8.1	29.0	29.1	111.3	109.3	7.7	7.4	3.0	3.0	3	2			3	3
						4.1	0.4	221	26.0	26.0	8.1	8.1	29.1	29.1	107.2	109.3	7.4	7.0	3.0	3.0	2	2			3	3
					Bottom	7.2	0.4	203	26.0	26.0	8.1	8.1	29.2	29.2	100.4	101.2	6.9	7.0	9.0	8.9	3	3			3	3
						7.2	0.4	204	26.0	26.0	8.1	8.1	29.1	29.1	102.0	101.2	7.0	7.0	8.9	8.9	3	3			3	3
C2	Sunny	Moderate	16:42	11.7	Surface	1.0	0.4	170	28.3	28.3	8.1	8.1	21.6	21.6	141.1	137.9	9.8	8.6	3.4	3.3	4	4	825660	806943		
						1.0	0.4	162	28.2	28.3	8.1	8.1	21.6	21.6	134.7	137.9	9.3	8.6	3.4	3.3	4	4				
					Middle	5.9	0.3	178	27.0	27.0	7.9	7.9	25.2	25.2	109.7	109.8	7.6	7.6	3.2	3.2	4	4			4	4
						5.9	0.3	176	27.0	27.0	7.9	7.9	25.2	25.2	109.9	109.8	7.6	7.6	3.2	3.2	4	4			4	4
					Bottom	10.7	0.4	195	26.9	26.9	7.9	7.9	25.9	25.9	120.5	122.1	8.3	8.4	3.2	3.2	4	4			4	4
						10.7	0.4	198	26.9	26.9	7.9	7.9	25.9	25.9	123.6	122.1	8.5	8.4	3.3	3.3	5	5			5	5
C3	Fine	Calm	17:53	10.8	Surface	1.0	0.3	81	26.0	26.0	8.1	8.1	27.5	27.5	135.9	133.9	9.4	9.1	1.1	1.3	2	3	822086	817817		
						1.0	0.3	82	26.0	26.0	8.1	8.1	27.6	27.6	131.9	133.9	9.2	9.1	1.1	1.3	3	3				
					Middle	5.4	0.4	63	25.9	25.9	7.9	7.9	27.6	27.6	126.4	126.4	8.8	8.8	1.2	1.2	2	2			3	3
						5.4	0.4	67	25.9	25.9	7.9	7.9	27.6	27.6	126.3	126.4	8.8	8.7	1.5	1.5	3	3			3	3
					Bottom	9.8	0.3	90	25.9	25.9	7.9	7.9	27.7	27.7	125.6	125.5	8.7	8.7	1.5	1.5	3	3			3	3
						9.8	0.3	90	25.9	25.9	7.9	7.9	27.7	27.7	125.3	125.5	8.7	8.7	1.5	1.5	3	3			3	3
IM1	Sunny	Moderate	17:49	6.9	Surface	1.0	0.2	176	27.1	27.1	8.2	8.2	26.1	26.1	145.4	145.2	10.0	9.8	4.1	5.3	2	3	818343	806451		
						1.0	0.2	176	27.1	27.1	8.2	8.2	26.2	26.1	144.9	145.2	10.0	9.8	4.2	5.3	3	3				
					Middle	3.5	0.3	190	26.7	26.7	8.2	8.2	26.7	26.7	138.3	138.1	9.5	9.5	4.7	5.2	3	2			3	3
						3.5	0.3	197	26.7	26.7	8.2	8.2	26.7	26.7	137.8	138.1	9.5	9.5	5.2	5.2	2	2			3	3
					Bottom	5.9	0.3	198	26.1	26.1	8.1	8.1	28.8	28.8	101.6	101.8	7.0	7.0	6.6	6.7	3	2			3	2
						5.9	0.3	196	26.1	26.1	8.1	8.1	28.8	28.8	102.0	101.8	7.0	7.0	6.7	6.7	2	2			3	2
IM2	Sunny	Moderate	17:45	7.5	Surface	1.0	0.4	198	28.2	28.2	8.3	8.3	24.8	24.9	153.4	153.3	10.4	9.3	3.2	3.7	2	3	819177	806217		
						1.0	0.4	196	28.1	28.2	8.3	8.3	24.9	24.9	153.2	153.3	10.4	9.3	3.3	3.7	2	3				
					Middle	3.8	0.4	192	26.3	26.3	8.3	8.3	28.2	28.3	118.7	118.1	8.2	8.1	4.1	4.0	3	2			3	3
						3.8	0.4	189	26.2	26.3	8.3	8.3	28.4	28.4	117.4	118.1	8.1	8.1	4.0	4.0	2	2			3	3
					Bottom	6.5	0.3	181	26.1	26.1	8.1	8.1	28.9	28.9	99.1	100.2	6.8	6.9	3.9	3.8	4	3			4	3
						6.5	0.2	187	26.1	26.1	8.1	8.1	28.9	28.9	101.2	100.2	7.0	6.9	3.8	3.8	3	3			4	3
IM7	Sunny	Moderate	17:11	8.4	Surface	1.0	0.3	174	28.1	28.1	8.0	8.0	22.4	22.4	129.5	129.2	8.9	8.0	3.7	5.5	3	3	821339	806814		
						1.0	0.3	169	28.1	28.1	8.0	8.0	22.4	22.4	128.8	129.2	8.9	8.0	3.8	5.5	3	3				
					Middle	4.2	0.2	172	26.5	26.5	8.0	8.0	27.5	27.5	103.0	103.1	7.1	7.1	5.9	6.0	3	4			3	3
						4.2	0.2	172	26.5	26.5	8.0	8.0	27.5	27.5	103.1	103.1	7.1	7.1	6.0	6.0	4	4			3	3
					Bottom	7.4	0.2	164	26.5	26.5	8.0	8.0	27.6	27.6	104.6	104.8	7.2	7.2	6.9	6.9	3	4			3	4
						7.4	0.3	164	26.5	26.5	8.0	8.0	27.6	27.6	104.9	104.8	7.2	7.2	6.9	6.9	4	4			3	4

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

**Expansion of Hong Kong International Airport into a Three-Runway System**
**Water Quality Monitoring**
**Water Quality Monitoring Results on 27 May 23 during Mid-Ebb Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA								
IM10	Fine	Calm	16:42	9.0	Surface	1.0	0.3	96	26.8	26.8	8.0	8.0	24.7	24.7	123.0	122.8	8.6	8.5	8.5	1.4	1.1	2	822251	809842						
						1.0	0.4	92	26.8		8.0	8.0	24.7	24.7	122.5	122.8	8.5		1.1											
					Middle	4.5	0.3	96	26.8	26.8	8.0	8.0	24.7	24.7	122.1	122.1	8.5		8.5		1.2				2					
						4.5	0.3	100	26.8		8.0	8.0	24.7	24.7	122.0	122.1	8.5		1.2		2									
					Bottom	8.0	0.4	116	27.0	27.0	8.0	8.0	24.4	24.4	123.5	123.5	8.6		8.6		1.9				2					
						8.0	0.4	116	27.0		8.0	8.0	24.4	24.4	123.5	123.5	8.6		8.6		1.9				2					
IM11	Fine	Calm	16:58	7.4	Surface	1.0	0.4	97	26.9	26.9	8.1	8.1	24.3	24.3	129.2	129.2	9.0	8.8	9.0	1.5	1.2	3	821494	810525						
						1.0	0.5	96	26.9		8.1	8.1	24.3	24.3	129.2	129.2	9.0		1.2											
					Middle	3.7	0.4	78	26.8	26.8	8.1	8.1	24.4	24.5	127.1	123.7	8.9		8.8		1.4				3					
						3.7	0.4	77	26.7		8.1	8.1	24.6	24.5	120.2	123.7	8.4		8.8		1.5				2					
					Bottom	6.4	0.5	101	26.7	26.7	7.9	7.9	24.6	24.6	116.3	113.7	8.1		8.0		1.9				3					
						6.4	0.4	106	26.6		7.9	7.9	24.6	24.6	111.1	113.7	7.8		8.0		2.0				2					
IM12	Fine	Calm	17:03	7.0	Surface	1.0	0.5	114	27.1	27.1	8.0	8.0	24.3	24.3	118.9	118.2	8.3	7.9	8.2	1.7	1.3	3	821139	811502						
						1.0	0.5	119	27.1		8.0	8.0	24.4	24.3	117.5	118.2	8.2		1.3											
					Middle	3.5	0.5	119	27.3	27.4	8.0	8.0	24.5	24.6	109.2	109.0	7.5		7.9		1.7				3					
						3.5	0.5	121	27.4		8.0	8.0	24.6	24.6	108.7	109.0	7.5		7.9		1.7				2					
					Bottom	6.0	0.5	108	27.6	27.7	8.0	8.0	24.6	24.5	108.3	108.3	7.4		7.4		2.1				2					
						6.0	0.5	114	27.7		8.0	8.0	24.5	24.5	108.3	108.3	7.4		7.4		2.0				2					
SR1A	Fine	Calm	17:16	5.2	Surface	1.0	0.0	112	27.2	27.2	8.0	8.0	24.0	24.0	129.9	129.8	9.0	9.0	9.0	2.5	2.1	4	819980	812657						
						1.0	0.1	116	27.2		8.0	8.0	24.0	24.0	129.7	129.8	9.0		2.1											
					Middle	2.6	0.0	101	-	-	-	-	-	-	-	-	-		-		-				-	9.0	-	-	-	-
						2.6	0.1	105	-		-	-	-	-	-	-	-		-		-				-	-	-	-	-	-
					Bottom	4.2	0.0	95	27.2	27.2	8.0	8.0	24.0	24.0	130.0	130.2	9.0		9.1		2.9				3					
						4.2	0.0	95	27.2		8.0	8.0	24.0	24.0	130.4	130.2	9.1		9.1		2.9				4					
SR2	Fine	Calm	17:33	4.4	Surface	1.0	0.4	44	27.8	27.8	8.2	8.2	23.4	23.5	154.1	153.7	10.6	10.6	10.6	1.3	1.2	3	821462	814163						
						1.0	0.5	50	27.7		8.2	8.2	23.6	23.5	153.2	153.7	10.6		1.2											
					Middle	-	0.4	35	-	-	-	-	-	-	-	-	-		-		-				-	-	-	-	-	-
						-	0.5	34	-		-	-	-	-	-	-	-		-		-				-	-	-	-	-	-
					Bottom	3.4	0.4	22	27.4	27.4	8.2	8.2	24.2	24.2	141.1	139.4	9.8		9.7		1.3				3					
						3.4	0.5	19	27.4		8.2	8.2	24.2	24.2	137.6	139.4	9.5		9.7		1.3				4					
SR3	Sunny	Moderate	17:05	9.1	Surface	1.0	0.4	168	27.4	27.4	8.0	8.0	24.0	24.0	121.1	121.1	8.4	7.9	8.4	5.5	3.4	4	822140	807552						
						1.0	0.5	173	27.4		8.0	8.0	24.0	24.0	121.1	121.1	8.4		3.4											
					Middle	4.6	0.5	183	26.8	26.8	8.0	8.0	26.5	26.5	108.1	106.2	7.5		7.9		6.2				4					
						4.6	0.5	185	26.8		8.0	8.0	26.6	26.5	104.2	106.2	7.2		7.9		6.4				4					
					Bottom	8.1	0.4	141	26.7	26.7	8.0	8.0	26.7	26.7	104.7	104.9	7.2		7.2		6.9				4					
						8.1	0.5	140	26.7		8.0	8.0	26.7	26.7	105.0	104.9	7.2		7.2		6.8				4					
SR4A	Sunny	Moderate	18:39	9.3	Surface	1.0	0.1	335	27.8	27.8	8.2	8.2	26.1	26.2	132.4	131.8	9.0	8.0	8.9	4.8	4.0	3	817169	807830						
						1.0	0.1	334	27.8		8.2	8.2	26.2	26.2	131.1	131.8	9.0		4.2											
					Middle	4.7	0.0	332	26.3	26.3	8.1	8.1	28.1	28.1	103.7	103.7	7.1		8.0		5.2				3					
						4.7	0.0	330	26.3		8.1	8.1	28.1	28.1	103.7	103.7	7.1		8.0		5.2				3					
					Bottom	8.3	0.0	0	26.3	26.3	8.1	8.1	28.1	28.1	106.5	106.9	7.3		7.4		5.2				2					
						8.3	0.0	2	26.3		8.1	8.1	28.1	28.1	107.2	106.9	7.4		7.4		5.1				2					
SR8	Fine	Calm	17:07	4.0	Surface	1.0	-	-	26.9	26.9	8.0	8.0	24.0	24.1	110.6	110.4	7.7	7.7	7.7	1.9	1.1	3	820410	811620						
						1.0	-	-	26.9		8.0	8.0	24.1	24.1	110.2	110.4	7.7		1.2											
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-				-	-	-	-	-	
						-	-	-	-		-	-	-	-	-	-	-		-		-				-	-	-	-	-	
					Bottom	3.0	-	-	26.9	26.9	8.0	8.0	24.2	24.2	109.4	108.6	7.6		7.6		2.7				2					
						3.0	-	-	26.8		8.0	8.0	24.2	24.2	107.8	108.6	7.5		7.6		2.6				4					

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

**Expansion of Hong Kong International Airport into a Three-Runway System**  
**Water Quality Monitoring**

**Water Quality Monitoring Results on 27 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA						
C1	Fine	Moderate	05:46	8.4	Surface	1.0	0.0	93	27.2	27.3	8.1	8.1	25.9	25.9	132.3	132.1	9.1	7.9	5.0	7.1	2	3	815635	804248		
						1.0	0.0	92	27.3		8.1		25.9		131.8		9.0		5.1							
					Middle	4.2	0.0	93	26.0	26.0	8.0	8.0	28.8	28.8	97.8	97.9	6.8	6.6	7.8	6.6	7.8				6.6	2
						4.2	0.0	87	26.0		8.0		28.8		98.0		6.8		7.8							
					Bottom	7.4	0.0	62	25.8	25.8	8.0	8.0	29.4	29.4	94.9	95.0	6.5	6.6	8.5	6.6	8.1				6.6	3
						7.4	0.1	67	25.8		8.0		29.4		95.1		6.6		8.1							
C2	Fine	Moderate	07:10	11.4	Surface	1.0	0.2	156	28.5	28.5	8.1	8.1	21.4	21.4	143.5	143.3	9.9	8.7	3.3	3.3	4	4	825680	806929		
						1.0	0.2	150	28.5		8.1		21.4		143.1		9.9		3.3							
					Middle	5.7	0.2	160	27.0	27.0	8.0	8.0	25.7	25.7	107.8	107.9	7.4	7.6	3.2	7.6	3.3				7.6	4
						5.7	0.2	161	27.0		8.0		25.7		107.9		7.4		3.3							
					Bottom	10.4	0.2	155	27.0	27.0	8.0	8.0	25.8	25.8	109.8	110.3	7.6	7.6	3.3	7.6	3.3				7.6	4
						10.4	0.2	154	27.0		8.0		25.8		110.8		7.6		3.5							
C3	Fine	Calm	06:23	12.2	Surface	1.0	0.1	19	27.0	27.0	8.1	8.1	28.6	28.6	110.0	109.8	7.5	7.1	1.0	1.3	3	4	822097	817813		
						1.0	0.1	25	27.0		8.1		28.6		109.6		7.5		0.9							
					Middle	6.1	0.0	5	26.4	26.4	8.0	8.0	28.2	28.2	101.1	99.3	6.9	6.6	1.1	6.6	1.1				6.6	3
						6.1	0.0	6	26.4		8.0		28.2		97.4		6.6		1.1							
					Bottom	11.2	0.0	17	26.4	26.4	8.0	8.0	28.3	28.3	97.0	97.2	6.6	6.6	1.9	6.6	1.8				6.6	4
						11.2	0.1	20	26.4		8.0		28.3		97.4		6.6		1.8							
IM1	Fine	Moderate	06:08	6.4	Surface	1.0	0.1	150	27.4	27.4	8.1	8.1	25.4	25.4	135.7	135.9	9.3	8.1	4.3	6.1	3	3	818328	806443		
						1.0	0.1	146	27.4		8.1		25.3		136.0		9.3		4.8							
					Middle	3.2	0.1	146	26.0	26.0	8.0	8.0	28.9	28.9	99.2	98.9	6.8	6.8	6.1	6.8	6.3				6.8	3
						3.2	0.1	141	26.0		8.0		28.9		98.5		6.8		6.3							
					Bottom	5.4	0.1	131	26.0	26.0	8.0	8.0	28.9	28.9	103.2	103.6	7.1	7.2	7.8	7.2	7.1				7.2	2
						5.4	0.1	137	26.0		8.0		28.9		104.0		7.2		7.1							
IM2	Fine	Moderate	06:12	7.4	Surface	1.0	0.0	186	27.4	27.4	8.1	8.0	25.4	25.4	133.5	132.3	9.2	8.1	4.6	6.9	2	2	819165	806243		
						1.0	0.0	179	27.3		8.0		25.4		131.1		9.0		4.7							
					Middle	3.7	0.1	191	26.0	26.0	8.0	8.0	28.8	28.9	100.8	101.0	7.0	7.0	7.9	7.0	7.8				7.0	2
						3.7	0.1	185	26.0		8.0		28.9		101.2		7.0		7.8							
					Bottom	6.4	0.1	168	26.0	26.0	8.0	8.0	28.9	28.9	104.0	104.5	7.2	7.2	8.0	7.2	8.1				7.2	2
						6.4	0.1	171	26.0		8.0		28.9		105.0		7.2		8.1							
IM7	Fine	Moderate	06:43	8.5	Surface	1.0	0.0	116	27.9	28.0	8.1	8.1	22.5	22.4	123.6	123.4	8.6	8.0	5.6	8.1	4	3	821360	806844		
						1.0	0.1	110	28.0		8.1		22.3		123.2		8.5		5.9							
					Middle	4.3	0.0	132	26.6	26.6	8.1	8.1	27.0	27.1	106.7	106.1	7.4	7.3	8.7	7.3	8.9				7.3	2
						4.3	0.1	137	26.6		8.1		27.1		105.5		7.3		8.9							
					Bottom	7.5	0.1	116	26.6	26.6	8.1	8.1	27.3	27.3	103.8	104.0	7.2	7.2	9.7	7.2	9.9				7.2	2
						7.5	0.1	112	26.6		8.1		27.3		104.2		7.2		9.9							

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





Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on **30 May 23** during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Sunny	Moderate	10:00	8.0	Surface	1.0	0.3	222	27.5	8.4	8.4	25.3	25.3	101.5	101.4	7.0	6.3	3.4	5.4	<2	<2	815631	804260	
						1.0	0.3	218	27.5	8.4	8.4	25.2	25.3	101.2	101.4	6.9		3.4		<2				
					Middle	4.0	0.3	189	26.3	8.4	8.4	29.3	29.3	81.2	81.2	5.6		4.2		<2				
						4.0	0.2	188	26.3	8.4	8.4	29.3	29.3	81.2	81.2	5.6		4.1		<2				
					Bottom	7.0	0.3	219	26.4	8.4	8.4	29.3	29.3	81.5	81.6	5.6		8.8		<2				
						7.0	0.3	225	26.4	8.4	8.4	29.3	29.3	81.7	81.6	5.6		8.8		<2				
C2	Sunny	Moderate	11:32	12.3	Surface	1.0	0.5	179	28.7	8.5	8.5	15.8	15.8	129.8	129.3	9.2	7.5	3.6	4.0	2	3	825692	806938	
						1.0	0.5	177	28.7	8.5	8.5	15.8	15.8	128.8	129.3	9.1		3.5		2				
					Middle	6.2	0.5	182	26.8	8.2	8.2	26.5	26.5	84.2	84.2	5.8		4.3		3				
						6.2	0.4	179	26.8	8.2	8.2	26.6	26.5	84.1	84.2	5.8		4.2		3				
					Bottom	11.3	0.5	154	26.7	8.2	8.2	27.0	27.0	78.2	78.4	5.4		4.1		3				
						11.3	0.5	156	26.7	8.2	8.2	27.0	27.0	78.6	78.4	5.4		4.2		3				
C3	Misty	Calm	09:55	12.0	Surface	1.0	0.3	80	26.8	8.1	8.1	25.9	25.9	96.1	94.6	6.5	6.3	1.3	1.3	4	4	822115	817779	
						1.0	0.3	72	26.8	8.1	8.1	25.9	25.9	93.0	94.6	6.3		1.2		4				
					Middle	6.0	0.3	62	26.8	8.1	8.1	26.0	26.0	92.4	92.4	6.2		1.3		4				
						6.0	0.3	69	26.8	8.1	8.1	26.0	26.0	92.4	92.4	6.2		1.3		4				
					Bottom	11.0	0.3	83	26.8	8.1	8.1	26.0	26.0	92.7	92.9	6.2		1.4		4				
						11.0	0.4	84	26.8	8.0	8.1	25.9	26.0	93.1	92.9	6.3		1.3		4				
IM1	Sunny	Moderate	10:21	6.2	Surface	1.0	0.2	180	28.2	8.4	8.4	23.4	23.2	109.4	108.8	7.5	6.5	4.9	6.1	<2	<2	818369	806473	
						1.0	0.2	181	28.2	8.4	8.4	23.0	23.2	108.2	108.8	7.4		5.2		<2				
					Middle	3.1	0.3	199	26.4	8.3	8.3	28.8	28.8	80.6	80.7	5.5		6.8		<2				
						3.1	0.3	204	26.3	8.3	8.3	28.9	28.8	80.7	80.7	5.5		6.7		<2				
					Bottom	5.2	0.2	196	26.3	8.3	8.3	29.2	29.2	80.2	80.3	5.5		6.4		<2				
						5.2	0.3	191	26.3	8.3	8.3	29.2	29.2	80.3	80.3	5.5		6.5		<2				
IM2	Sunny	Moderate	10:27	6.8	Surface	1.0	0.3	189	29.4	8.6	8.6	16.4	16.3	134.7	134.4	9.4	7.3	2.8	5.1	3	3	819171	806242	
						1.0	0.4	184	29.4	8.6	8.6	16.2	16.3	134.1	134.4	9.4		2.8		3				
					Middle	3.4	0.2	189	26.3	8.4	8.4	29.1	29.1	74.6	74.6	5.1		7.2		2				
						3.4	0.2	191	26.3	8.4	8.4	29.1	29.1	74.6	74.6	5.1		7.0		2				
					Bottom	5.8	0.3	215	26.2	8.3	8.3	29.5	29.5	75.9	76.0	5.2		5.4		2				
						5.8	0.3	211	26.2	8.3	8.3	29.5	29.5	76.1	76.0	5.2		5.6		3				
IM7	Sunny	Moderate	11:03	7.7	Surface	1.0	0.2	206	29.5	9.0	9.0	14.5	14.5	132.5	132.0	9.3	8.3	3.3	5.3	2	2	821367	806829	
						1.0	0.3	213	29.5	9.0	9.0	14.5	14.5	131.4	132.0	9.3		3.4		3				
					Middle	3.9	0.2	197	27.5	8.8	8.8	21.0	20.9	107.0	103.7	7.5		4.1		2				
						3.9	0.2	192	27.5	8.8	8.8	20.9	20.9	100.4	103.7	7.1		4.3		3				
					Bottom	6.7	0.2	210	26.9	8.8	8.8	26.5	26.5	78.5	78.5	5.4		8.2		2				
						6.7	0.3	202	26.8	8.8	8.8	26.6	26.5	78.5	78.5	5.4		8.3		2				

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

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on **30 May 23** during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA						
IM10	Misty	Calm	11:10	8.2	Surface	1.0	0.3	124	27.3	27.3	8.1	8.1	24.1	24.1	101.0	100.3	6.8	6.6	2.6	4.4	3	2	822231	809821				
						1.0	0.4	117	27.3		8.1		24.1		99.6		6.7		2.6		2							
					Middle	4.1	0.3	113	27.3	27.3	8.1	8.1	24.2	24.2	94.8	94.8	6.4	6.5	6.4	6.5	4.5				6.2	3	6.2	2
						4.1	0.3	117	27.3		8.1		24.3		94.7		6.4		4.5		2							
					Bottom	7.2	0.3	133	27.3	27.3	8.1	8.1	24.2	24.2	95.7	96.0	6.5	6.5	6.5	6.5	6.2				6.2	2	6.2	2
						7.2	0.3	137	27.3		8.1		24.2		96.2		6.5		6.2		2							
IM11	Misty	Calm	11:01	8.0	Surface	1.0	0.4	112	27.3	27.3	8.1	8.1	24.1	24.1	100.3	100.3	6.8	6.8	1.4	4.4	3	3	821508	810542				
						1.0	0.3	110	27.3		8.1		24.2		100.3		6.8		1.4		2							
					Middle	4.0	0.4	88	27.2	27.2	8.1	8.0	24.2	24.2	100.3	100.4	6.8	6.9	6.8	6.9	5.4				6.3	3	6.3	4
						4.0	0.5	94	27.2		8.0		24.2		100.4		6.8		5.3		4							
					Bottom	7.0	0.4	110	26.9	26.9	7.9	8.0	24.4	24.4	101.2	101.4	6.9	6.9	6.9	6.9	6.3				6.3	3	6.3	4
						7.0	0.4	104	26.8		8.1		24.4		101.5		6.9		6.3		4							
IM12	Misty	Calm	10:54	7.6	Surface	1.0	0.4	89	27.3	27.3	8.1	8.1	23.8	23.8	110.4	110.4	7.5	7.1	1.2	4.5	3	3	821159	811513				
						1.0	0.4	93	27.2		8.1		23.8		110.3		7.5		1.2		2							
					Middle	3.8	0.4	96	27.2	27.2	8.1	8.1	23.9	24.0	99.7	99.6	6.7	6.9	6.7	6.9	5.7				6.6	2	6.6	3
						3.8	0.4	97	27.2		8.1		24.0		99.4		6.7		5.6		3							
					Bottom	6.6	0.4	122	27.2	27.2	8.1	8.1	24.0	24.0	100.4	101.1	6.8	6.9	6.8	6.9	6.6				6.7	4	6.7	3
						6.6	0.4	120	27.2		8.1		23.9		101.7		6.9		6.7		3							
SR1A	Misty	Calm	10:36	4.6	Surface	1.0	0.0	125	27.2	27.2	8.1	8.1	23.7	23.7	105.9	105.8	7.2	7.2	1.3	7.2	4	4	819972	812664				
						1.0	0.0	119	27.2		8.1		23.7		105.7		7.2		1.2		3							
					Middle	2.3	0.0	153	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						2.3	0.0	153	-		-		-		-		-		-		-					-		
					Bottom	3.6	0.0	128	27.2	27.2	8.1	8.1	23.8	23.8	105.6	105.6	7.1	7.1	7.1	7.1	1.3				7.1	3	7.1	4
						3.6	0.0	126	27.2		8.1		23.8		105.5		7.1		1.3		4							
SR2	Misty	Calm	10:15	5.2	Surface	1.0	0.4	53	27.2	27.2	8.1	8.1	23.8	23.8	110.1	110.0	7.5	7.5	1.4	7.5	3	4	821447	814162				
						1.0	0.4	54	27.2		8.1		23.8		109.9		7.4		1.4		4							
					Middle	-	0.4	60	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	
						-	0.4	64	-		-		-		-		-		-		-							
					Bottom	4.2	0.4	27	27.2	27.2	8.1	8.1	23.9	23.9	110.2	110.3	7.5	7.5	7.5	7.5	1.6				7.5	3	7.5	4
						4.2	0.4	31	27.2		8.1		23.8		110.4		7.5		1.5		4							
SR3	Sunny	Moderate	11:11	8.5	Surface	1.0	0.4	166	29.1	29.1	8.6	8.6	14.9	14.9	151.8	151.7	10.7	9.1	3.1	4.1	2	3	822145	807593				
						1.0	0.4	166	29.1		8.6		14.9		151.5		10.7		3.2		3							
					Middle	4.3	0.4	176	27.4	27.4	8.4	8.4	20.7	20.8	107.1	105.6	7.6	4.9	7.4	4.9	4.1				4.9	2	4.9	3
						4.3	0.4	173	27.3		8.4		20.8		104.1		7.4		4.3		3							
					Bottom	7.5	0.4	173	26.8	26.8	8.2	8.2	26.9	26.9	71.2	71.3	4.9	4.9	4.9	4.9	4.9				4.9	3	4.9	4
						7.5	0.4	165	26.8		8.2		26.9		71.4		4.9		5.0		4							
SR4A	Sunny	Moderate	09:35	8.3	Surface	1.0	0.0	94	27.9	28.2	8.2	8.2	23.2	22.8	120.5	122.6	8.3	6.9	4.0	4.4	3	3	817172	807815				
						1.0	0.0	95	28.4		8.2		22.4		124.6		8.6		4.0		3							
					Middle	4.2	0.0	98	26.4	26.4	8.2	8.2	29.0	29.0	78.4	78.4	5.4	5.4	5.4	5.4	4.9				4.9	3	4.9	3
						4.2	0.1	104	26.4		8.2		29.0		78.4		5.4		4.9		3							
					Bottom	7.3	0.0	77	26.4	26.4	8.2	8.2	29.1	29.1	79.0	79.1	5.4	5.4	5.4	5.4	4.3				4.3	3	4.3	4
						7.3	0.1	83	26.4		8.2		29.1		79.1		5.4		4.2		4							
SR8	Misty	Calm	10:48	5.0	Surface	1.0	-	-	27.2	27.2	8.1	8.1	23.3	23.3	109.8	109.2	7.5	7.5	2.0	2.5	3	4	820375	811628				
						1.0	-	-	27.2		8.1		23.3		108.6		7.4		1.9		3							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	
						-	-	-	-		-		-		-		-		-		-							
					Bottom	4.0	-	-	27.0	27.0	8.1	8.1	23.5	23.5	105.4	107.5	7.2	7.4	7.2	7.4	3.2				7.4	4	7.4	5
						4.0	-	-	27.0		8.1		23.5		109.6		7.5		3.1		5							

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

**Expansion of Hong Kong International Airport into a Three-Runway System**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 30 May 23 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Sunny	Moderate	15:23	8.4	Surface	1.0	0.3	45	28.9	28.9	8.5	8.5	16.1	15.8	144.4	144.1	10.2	7.9	2.9	2.3	2	3	815596	804257
						1.0	0.2	38	28.9		8.6		15.5		143.8		10.2		2.9					
					Middle	4.2	0.3	33	26.5	26.5	8.2	8.2	29.1	29.1	81.4	81.4	5.6		2.1					
						4.2	0.3	39	26.5		8.2		29.1		81.4		5.6		2.1					
					Bottom	7.4	0.3	63	26.4	26.5	8.2	8.2	29.1	29.0	81.8	81.9	5.6		2.0					
						7.4	0.3	57	26.5		8.2		29.0		81.9		5.6		1.9					
C2	Sunny	Moderate	14:00	12.2	Surface	1.0	0.1	234	28.7	28.7	8.5	8.5	16.2	16.2	137.3	135.5	9.7	8.0	3.8	3.4	3	3	825691	806935
						1.0	0.1	234	28.7		8.5		16.1		133.7		9.5		3.7					
					Middle	6.1	0.1	248	27.0	27.0	8.2	8.2	25.0	25.0	90.5	90.5	6.3		3.3					
						6.1	0.1	243	27.0		8.2		25.0		90.5		6.3		3.3					
					Bottom	11.2	0.1	209	26.7	26.7	8.2	8.2	27.0	27.0	79.2	79.4	5.5		3.1					
						11.2	0.1	213	26.7		8.2		27.0		79.5		5.5		3.0					
C3	Misty	Calm	15:06	10.8	Surface	1.0	0.3	267	26.8	26.8	8.3	8.3	24.2	24.3	139.1	138.2	9.6	9.1	1.2	1.6	4	4	822107	817815
						1.0	0.3	266	26.8		8.3		24.3		137.3		9.5		1.3					
					Middle	5.4	0.3	274	26.7	26.7	8.3	8.3	24.4	24.4	124.8	123.3	8.7		1.8					
						5.4	0.4	267	26.6		8.3		24.5		121.8		8.5		1.7					
					Bottom	9.8	0.4	283	26.6	26.6	8.3	8.3	24.7	24.6	113.4	113.5	7.9		1.9					
						9.8	0.3	285	26.6		8.3		24.6		113.6		7.9		1.9					
IM1	Sunny	Moderate	15:03	6.3	Surface	1.0	0.2	350	28.3	28.3	8.3	8.3	22.7	22.7	107.2	107.3	7.4	6.6	10.5	8.9	3	3	818369	806440
						1.0	0.2	344	28.3		8.3		22.6		107.4		7.4		10.8					
					Middle	3.2	0.1	351	26.6	26.6	8.2	8.2	28.2	28.2	83.3	83.4	5.7		6.8					
						3.2	0.1	356	26.6		8.2		28.2		83.4		5.7		7.0					
					Bottom	5.3	0.1	341	26.3	26.3	8.2	8.2	29.3	29.3	79.3	79.4	5.4		9.1					
						5.3	0.1	334	26.3		8.2		29.3		79.4		5.4		9.3					
IM2	Sunny	Moderate	14:59	7.2	Surface	1.0	0.1	299	28.8	28.8	8.5	8.5	20.4	20.4	127.3	127.2	8.8	7.2	3.0	8.9	4	3	819164	806213
						1.0	0.1	299	28.8		8.5		20.4		127.0		8.8		3.0					
					Middle	3.6	0.1	325	26.3	26.3	8.4	8.4	28.9	28.9	80.4	80.4	5.5		12.1					
						3.6	0.2	319	26.3		8.4		28.9		80.4		5.5		11.5					
					Bottom	6.2	0.1	308	26.3	26.3	8.4	8.4	29.3	29.3	76.4	76.6	5.2		12.0					
						6.2	0.1	303	26.3		8.4		29.4		76.7		5.3		11.8					
IM7	Sunny	Moderate	14:26	7.7	Surface	1.0	0.1	254	30.0	30.0	8.6	8.6	13.9	13.9	144.5	144.1	10.1	8.2	2.3	6.8	2	2	821340	806815
						1.0	0.1	257	30.0		8.6		13.9		143.7		10.1		2.3					
					Middle	3.9	0.1	275	27.2	27.2	8.2	8.2	24.0	24.0	91.9	91.2	6.4		6.3					
						3.9	0.1	280	27.1		8.2		24.0		90.5		6.3		6.6					
					Bottom	6.7	0.1	275	26.7	26.7	8.2	8.2	27.5	27.5	72.3	72.3	5.0		11.9					
						6.7	0.1	282	26.7		8.2		27.5		72.2		5.0		11.5					

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

Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

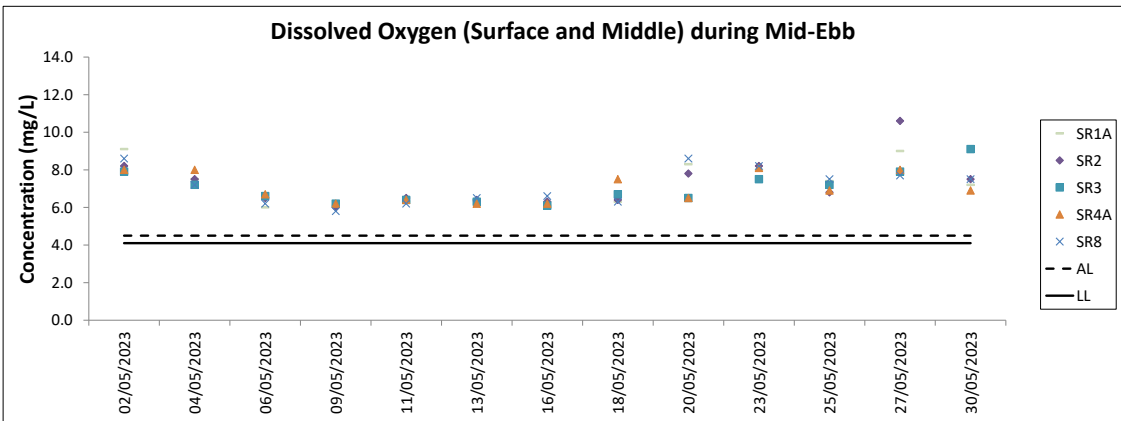
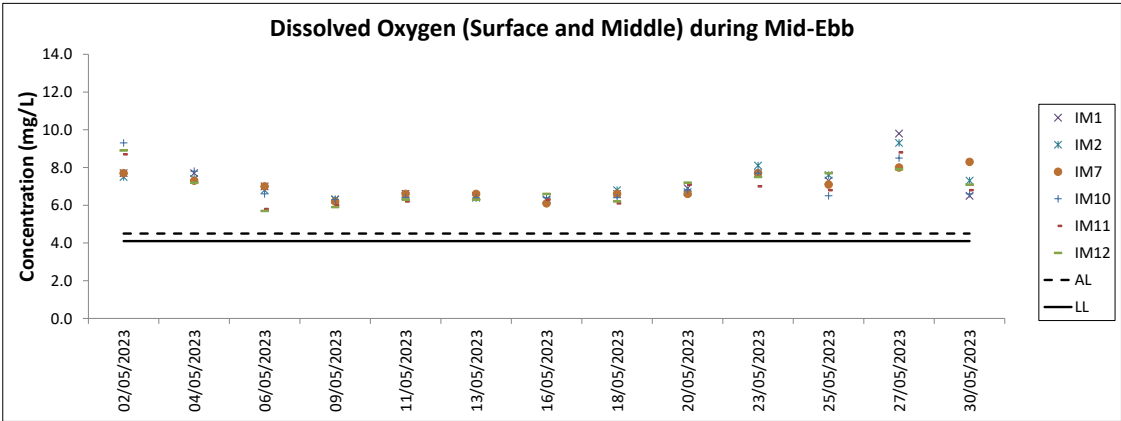
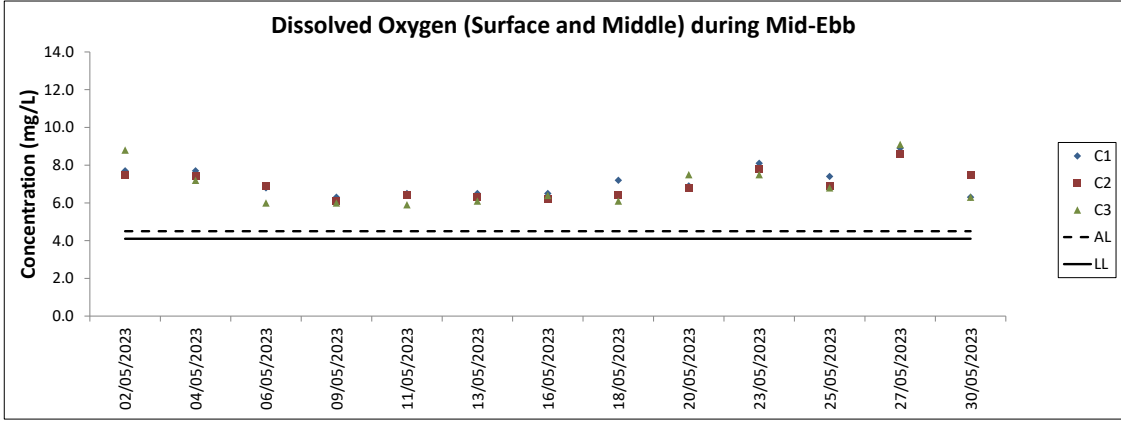
Water Quality Monitoring Results on 30 May 23 during Mid-Flood Tide

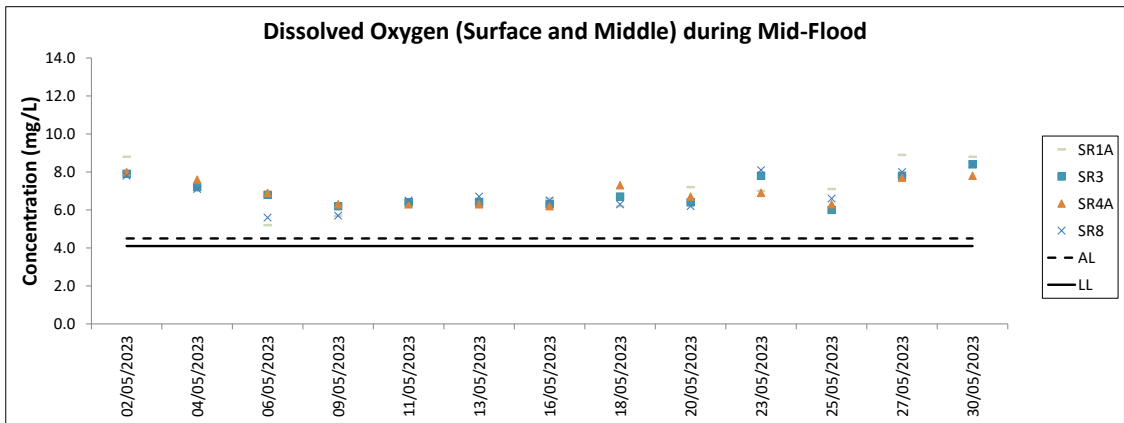
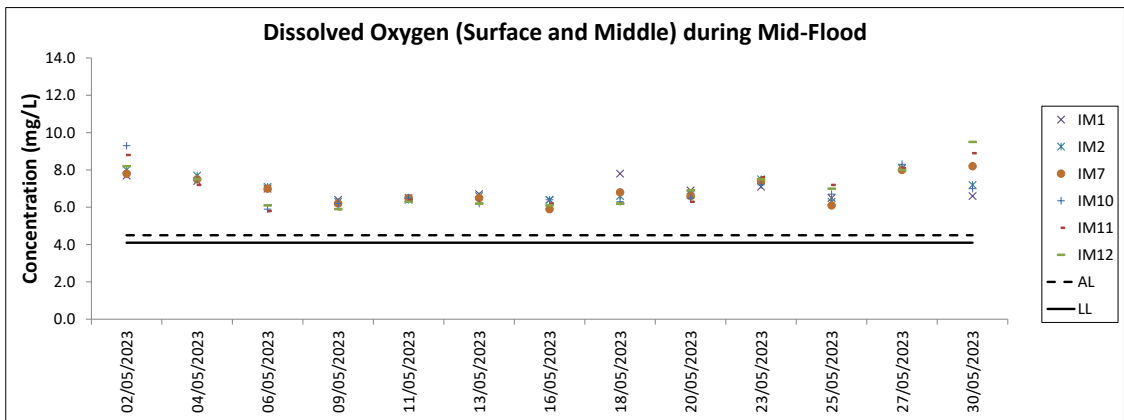
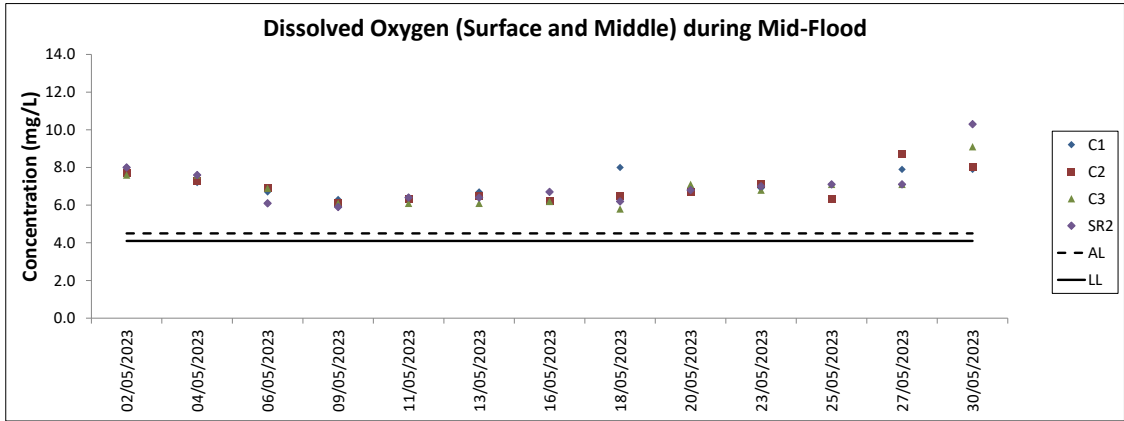
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA		
IM10	Misty	Calm	14:02	9.4	Surface	1.0	0.1	257	27.3	27.3	8.0	8.0	22.7	22.7	109.7	107.2	7.6	7.0	1.2	1.4	3	3	822236	809831				
						1.0	0.1	253	27.3		8.0	8.0	22.7	22.7	104.7	107.2	7.3		1.3									
					Middle	4.7	0.2	232	27.3	27.3	8.1	8.1	24.4	24.4	95.6	95.7	6.5	1.4	3									
						4.7	0.1	225	27.3		8.1	8.1	24.5	24.4	95.7	95.7	6.5	1.4	3									
					Bottom	8.4	0.2	227	27.3	27.4	8.1	8.1	24.5	24.4	97.5	97.9	6.6	6.7	1.7	2								
						8.4	0.2	233	27.4		8.1	8.1	24.3	24.4	98.3	97.9	6.7	6.7	1.6	3								
IM11	Misty	Calm	14:13	7.0	Surface	1.0	0.2	270	27.1	27.1	8.5	8.5	22.0	22.0	144.9	142.3	10.1	8.9	2.2	3.4	3	3	821521	810559				
						1.0	0.2	265	27.1		8.5	8.5	22.0	22.0	139.6	142.3	9.7		2.3									
					Middle	3.5	0.2	261	27.0	27.0	8.2	8.2	23.7	23.7	113.3	113.3	7.9	3.3	2									
						3.5	0.2	254	27.0		8.2	8.2	23.7	23.7	113.2	113.3	7.8	3.4	3									
					Bottom	6.0	0.2	278	27.0	27.0	8.2	8.2	23.7	23.6	116.4	123.0	8.1	8.6	4.6	3								
						6.0	0.2	280	27.0		8.2	8.2	23.6	23.6	129.6	123.0	9.0	8.6	4.6	3								
IM12	Misty	Calm	14:17	6.8	Surface	1.0	0.2	281	27.1	27.1	8.5	8.4	23.2	23.2	146.6	142.9	10.2	9.5	1.3	1.6	3	3	821152	811535				
						1.0	0.2	285	27.0		8.4	8.4	23.3	23.2	139.1	142.9	9.7		1.2									
					Middle	3.4	0.2	309	27.0	27.0	8.4	8.4	23.4	23.4	133.0	131.1	9.2	1.4	3									
						3.4	0.3	310	27.0		8.4	8.4	23.4	23.4	129.2	131.1	9.0	1.3	3									
					Bottom	5.8	0.2	294	27.0	27.0	8.3	8.3	23.4	23.3	121.1	121.3	8.4	8.4	2.4	3								
						5.8	0.3	298	27.0		8.3	8.3	23.3	23.3	121.5	121.3	8.4	8.4	2.4	2								
SR1A	Misty	Calm	14:42	5.0	Surface	1.0	0.0	180	27.1	27.1	8.3	8.3	23.7	23.7	127.7	127.5	8.8	8.8	1.8	1.8	2	3	819977	812660				
						1.0	0.0	184	27.1		8.3	8.3	23.7	23.7	127.2	127.5	8.8		1.7									
					Middle	2.5	0.0	195	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						2.5	0.0	196	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
					Bottom	4.0	-	173	27.1	27.1	8.3	8.3	23.7	23.7	131.3	131.6	9.1	9.1	1.9	4								
						4.0	0.0	177	27.1		8.3	8.3	23.7	23.7	131.9	131.6	9.1	9.1	1.9	4								
SR2	Misty	Calm	14:48	4.2	Surface	1.0	0.1	300	27.3	27.3	8.5	8.5	22.9	22.9	150.7	149.3	10.4	10.3	1.3	1.3	3	4	821485	814170				
						1.0	0.0	300	27.3		8.5	8.5	22.9	22.9	147.9	149.3	10.2		1.2									
					Middle	-	0.1	292	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	
						-	0.1	294	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-	
					Bottom	3.2	0.1	284	27.2	27.3	8.5	8.5	23.0	22.9	130.5	129.4	9.0	9.0	1.4	4								
						3.2	0.1	283	27.3		8.5	8.5	22.9	22.9	128.3	129.4	8.9	9.0	1.4	3								
SR3	Sunny	Moderate	14:19	8.8	Surface	1.0	0.1	200	28.7	28.7	8.6	8.6	17.2	17.2	156.7	156.6	11.0	8.4	4.1	4.2	3	3	822152	807562				
						1.0	0.1	201	28.7		8.6	8.6	17.2	17.2	156.4	156.6	11.0		4.1									
					Middle	4.4	0.1	191	27.1	27.1	8.2	8.2	25.5	25.5	84.2	84.0	5.8	4.0	3									
						4.4	0.1	185	27.1		8.2	8.2	25.5	25.5	83.8	84.0	5.8	4.0	3									
					Bottom	7.8	0.1	162	26.8	26.8	8.2	8.2	27.0	27.1	67.6	67.6	4.7	4.7	4.6	2								
						7.8	0.1	167	26.8		8.2	8.2	27.1	27.1	67.6	67.6	4.7	4.7	4.4	2								
SR4A	Sunny	Moderate	15:49	9.2	Surface	1.0	0.1	114	29.7	29.7	8.6	8.6	17.9	17.9	150.7	152.2	10.4	7.8	4.5	4.7	<2	2	817212	807816				
						1.0	0.0	114	29.7		8.6	8.6	18.0	17.9	153.7	152.2	10.6		4.6									
					Middle	4.6	0.0	100	28.7	27.6	8.5	8.4	21.0	19.9	101.9	99.6	5.0	4.6	<2									
						4.6	0.1	106	26.4		8.3	8.3	18.8	19.9	97.2	99.6	5.3	4.4	2									
					Bottom	8.2	0.0	115	26.4	26.4	8.3	8.3	28.9	28.9	78.1	78.2	5.4	5.4	5.2	2								
						8.2	0.0	111	26.4		8.3	8.3	28.9	28.9	78.3	78.2	5.4	5.4	5.1	<2								
SR8	Misty	Calm	14:24	4.4	Surface	1.0	-	-	27.1	27.1	8.4	8.4	23.4	23.5	124.1	121.2	8.6	8.4	2.0	2.5	3	3	820388	811639				
						1.0	-	-	27.0		8.4	8.4	23.5	23.5	118.3	121.2	8.2		2.0									
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-		
						-	-	-	-		-	-	-	-	-	-	-	-	-	-	-				-			
					Bottom	3.4	-	-	26.9	26.9	8.2	8.2	23.7	23.7	109.8	110.1	7.6	7.7	3.0	3								
						3.4	-	-	26.9		8.2	8.2	23.7	23.7	110.4	110.1	7.7	7.7	3.1	3								

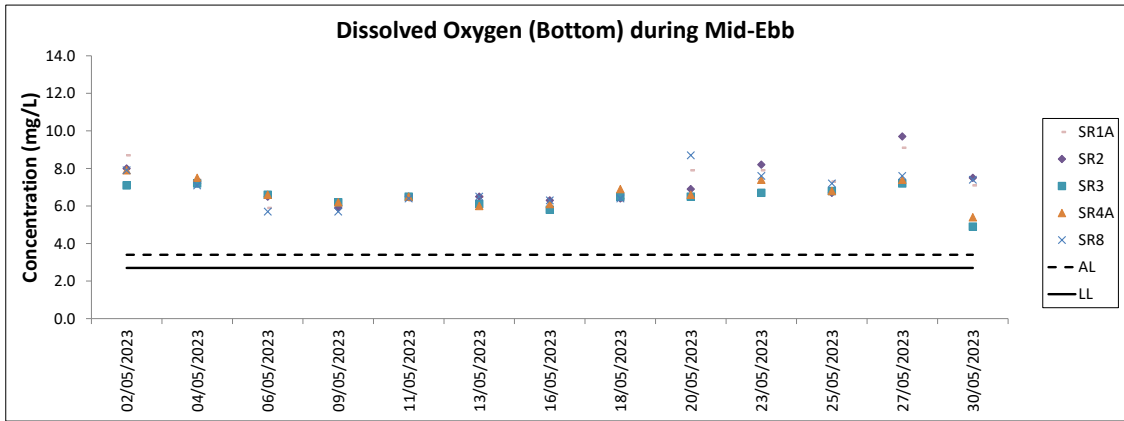
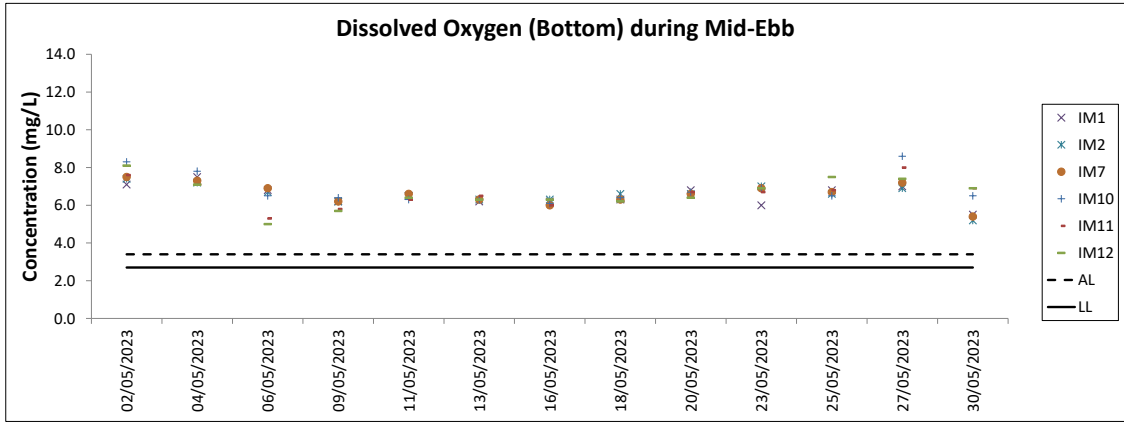
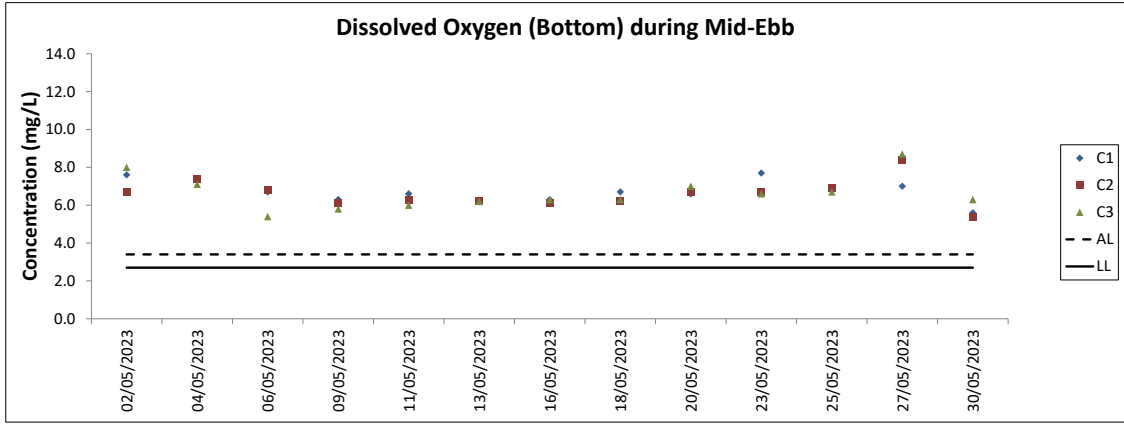
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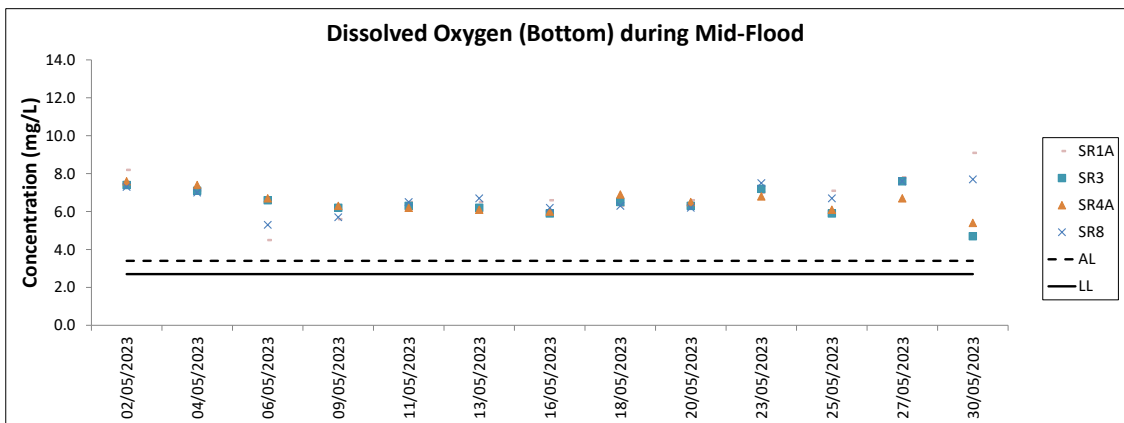
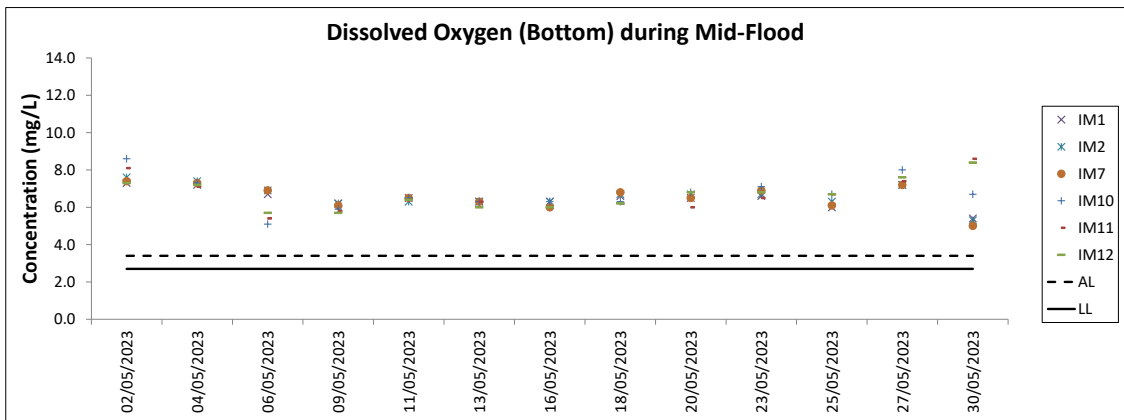
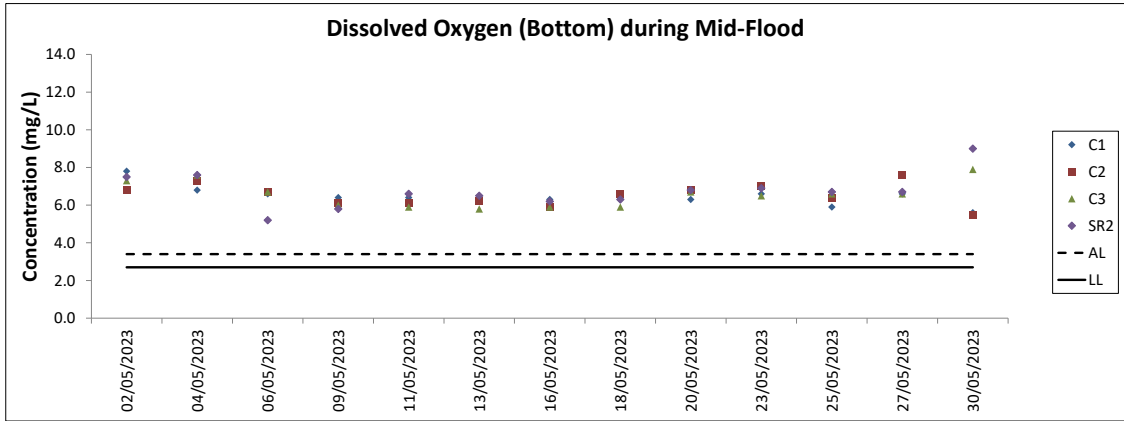
Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

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

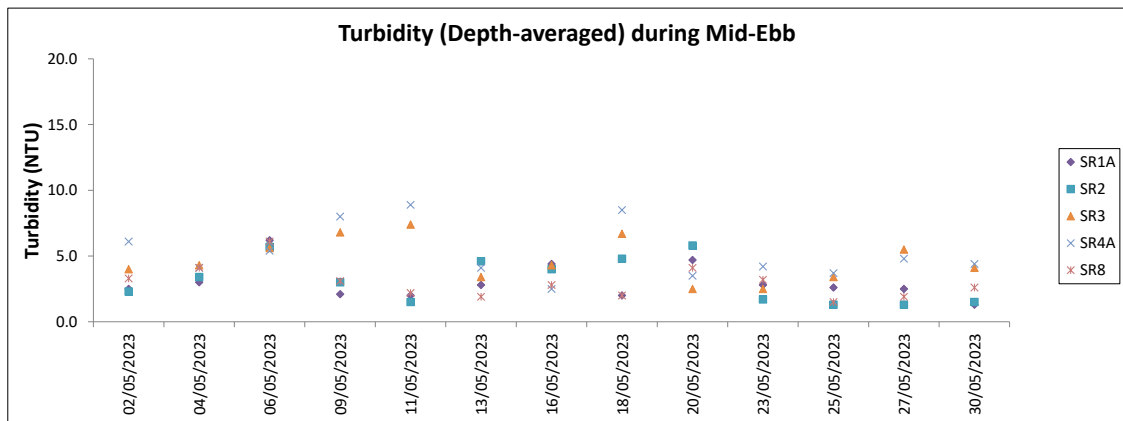
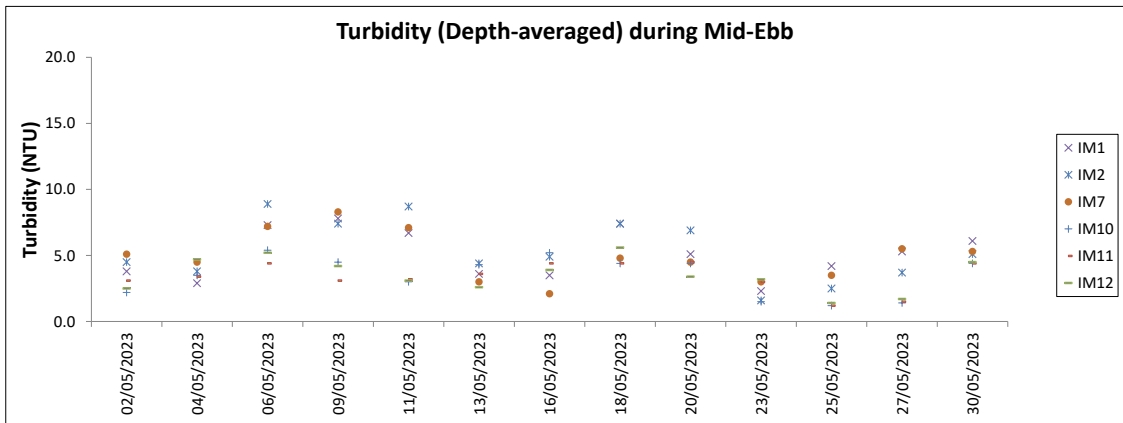
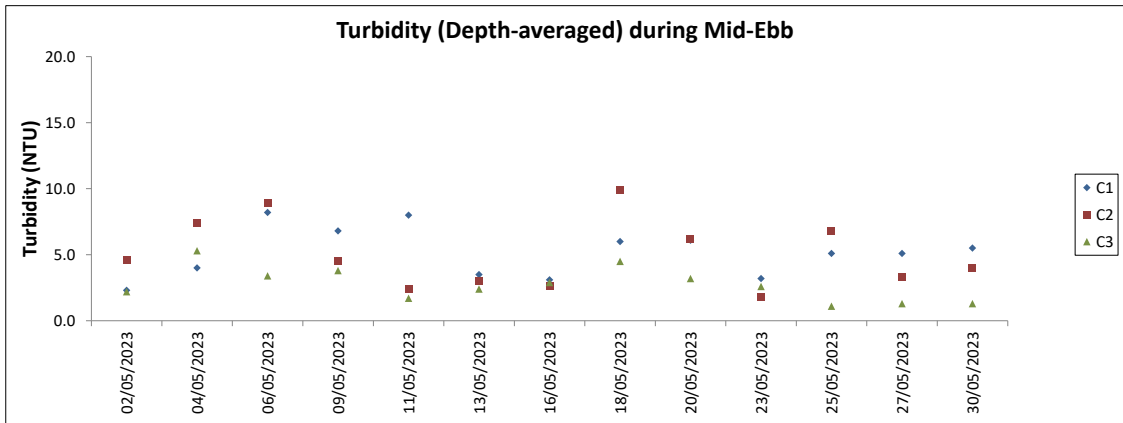




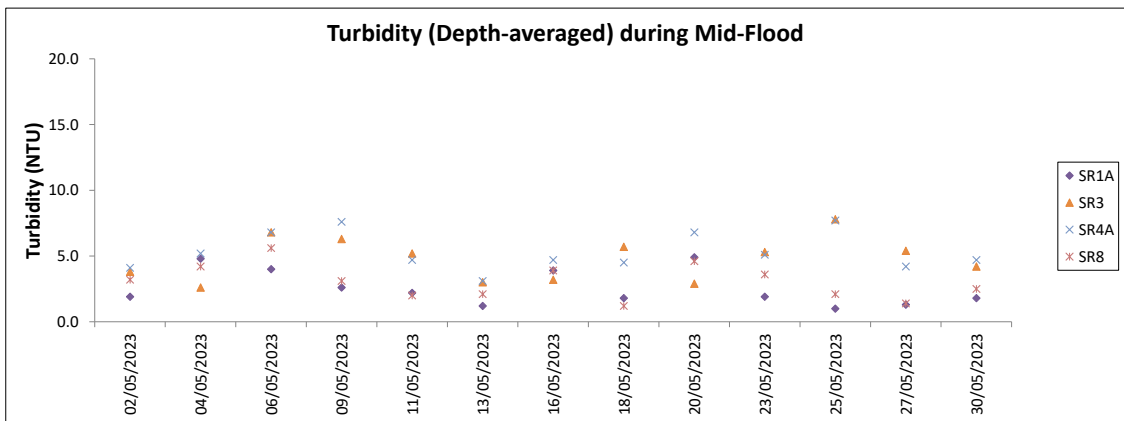
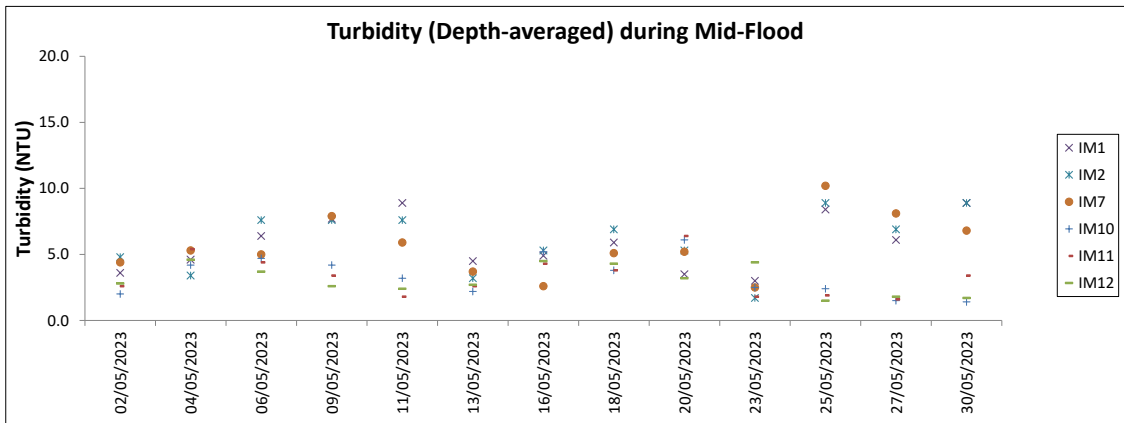
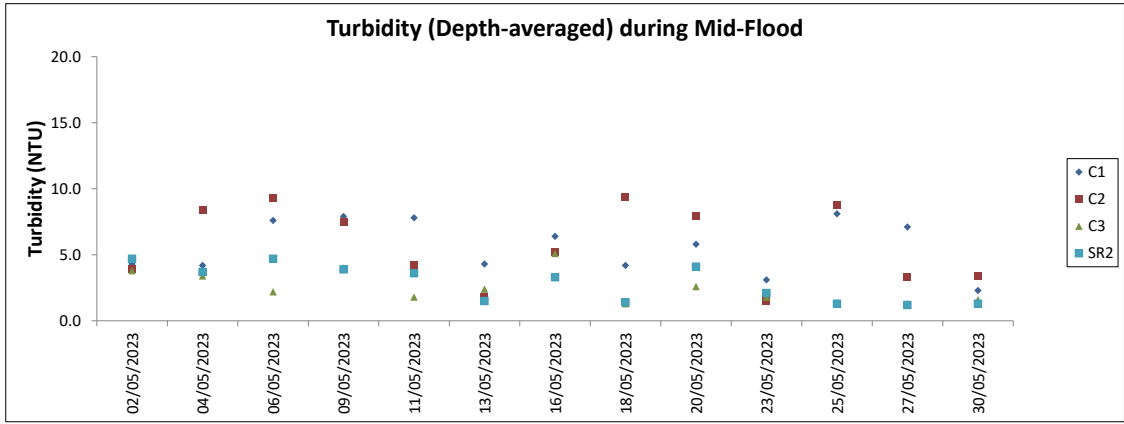




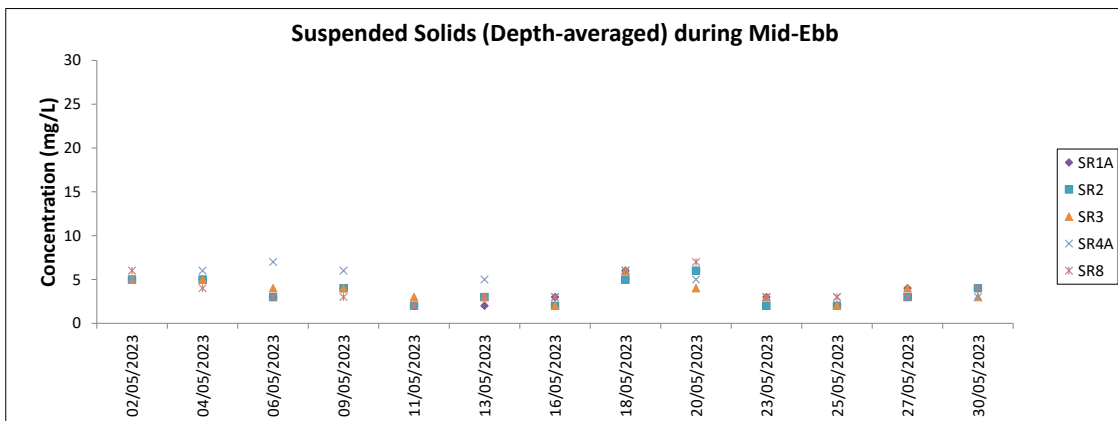
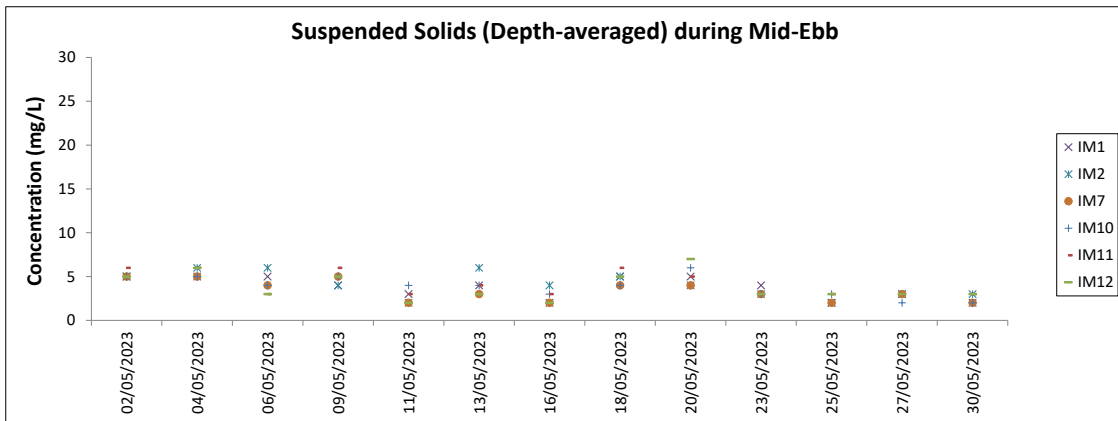
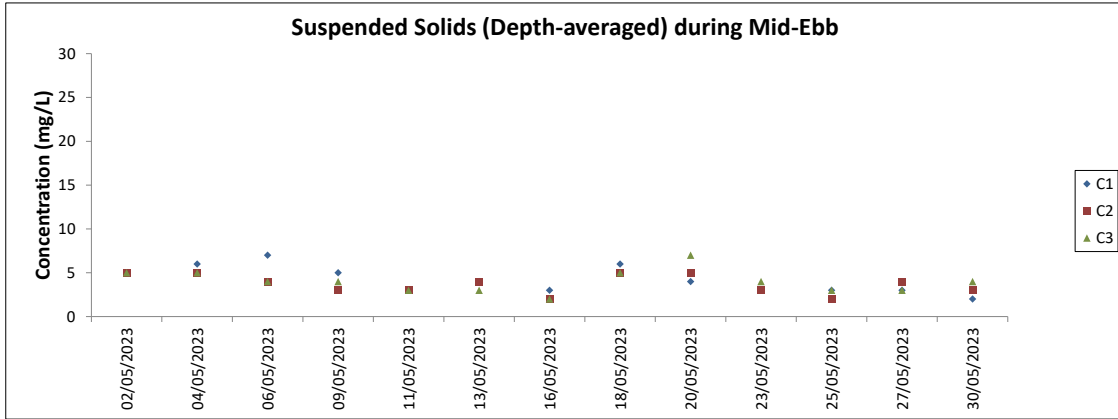




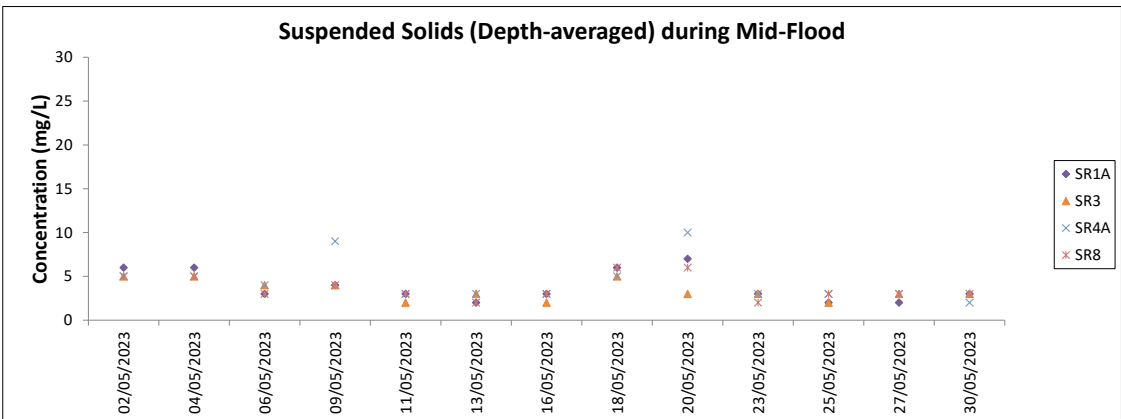
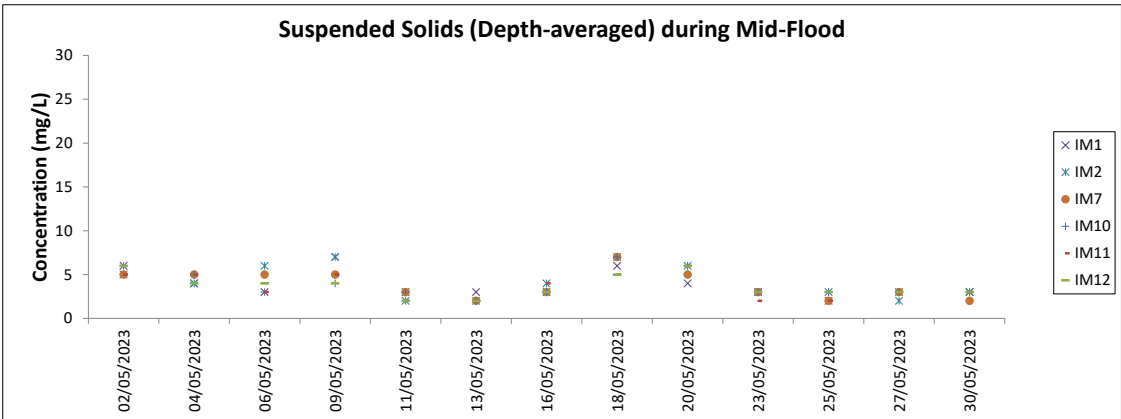
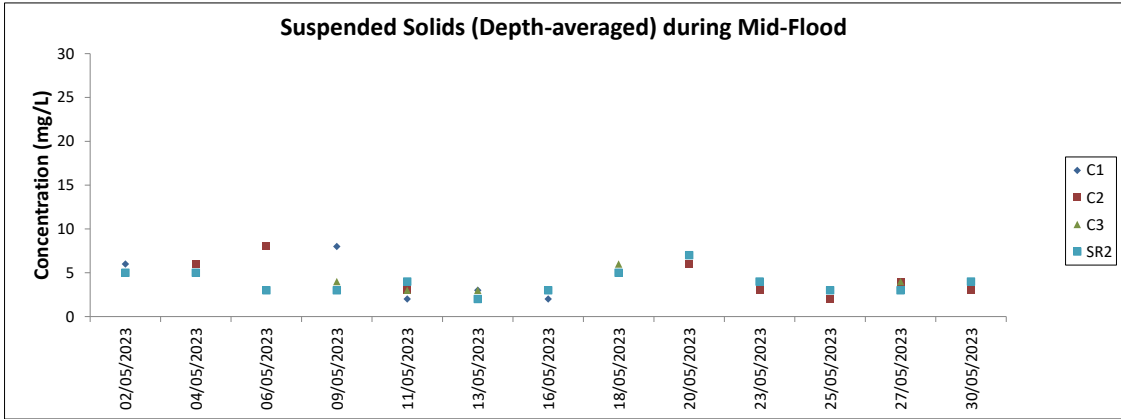
Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.



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Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.



Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.  
 Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.  
 Weather conditions during monitoring are presented in the data tables above.  
 QA/QC requirements as stipulated in the EM&A Manual were carried out during measurement.

# **Chinese White Dolphin Monitoring Results**

## CWD Small Vessel Line-transect Survey

## Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
01-Mar-23	AW	2	4.970	SPRING	32166	3RS ET	P
01-Mar-23	AW	2	4.970	SPRING	32166	3RS ET	P
01-Mar-23	WL	2	11.695	SPRING	32166	3RS ET	P
01-Mar-23	WL	2	6.491	SPRING	32166	3RS ET	S
02-Mar-23	AW	2	1.190	SPRING	32166	3RS ET	P
02-Mar-23	AW	3	3.880	SPRING	32166	3RS ET	P
02-Mar-23	WL	2	3.848	SPRING	32166	3RS ET	P
02-Mar-23	WL	3	15.030	SPRING	32166	3RS ET	P
02-Mar-23	WL	4	1.200	SPRING	32166	3RS ET	P
02-Mar-23	WL	2	2.520	SPRING	32166	3RS ET	S
02-Mar-23	WL	3	6.430	SPRING	32166	3RS ET	S
02-Mar-23	WL	4	1.030	SPRING	32166	3RS ET	S
03-Mar-23	NWL	2	41.440	SPRING	32166	3RS ET	P
03-Mar-23	NWL	3	21.770	SPRING	32166	3RS ET	P
03-Mar-23	NWL	2	11.390	SPRING	32166	3RS ET	S
06-Mar-23	NEL	2	5.820	SPRING	32166	3RS ET	P
06-Mar-23	NEL	3	31.280	SPRING	32166	3RS ET	P
06-Mar-23	NEL	2	3.950	SPRING	32166	3RS ET	S
06-Mar-23	NEL	3	5.650	SPRING	32166	3RS ET	S
07-Mar-23	NWL	2	38.700	SPRING	32166	3RS ET	P
07-Mar-23	NWL	3	23.095	SPRING	32166	3RS ET	P
07-Mar-23	NWL	2	5.645	SPRING	32166	3RS ET	S
07-Mar-23	NWL	3	4.860	SPRING	32166	3RS ET	S
09-Mar-23	SWL	2	53.106	SPRING	32166	3RS ET	P
09-Mar-23	SWL	2	15.716	SPRING	32166	3RS ET	S
10-Mar-23	SWL	2	6.340	SPRING	32166	3RS ET	P
10-Mar-23	SWL	3	36.560	SPRING	32166	3RS ET	P
10-Mar-23	SWL	4	10.900	SPRING	32166	3RS ET	P
10-Mar-23	SWL	2	0.800	SPRING	32166	3RS ET	S
10-Mar-23	SWL	3	11.640	SPRING	32166	3RS ET	S
10-Mar-23	SWL	4	4.000	SPRING	32166	3RS ET	S
13-Mar-23	NEL	2	36.470	SPRING	32166	3RS ET	P
13-Mar-23	NEL	2	10.830	SPRING	32166	3RS ET	S
11-Apr-23	NEL	2	26.630	SPRING	32167	3RS ET	P
11-Apr-23	NEL	3	10.200	SPRING	32166	3RS ET	P
11-Apr-23	NEL	2	7.570	SPRING	32166	3RS ET	S
11-Apr-23	NEL	3	2.300	SPRING	32166	3RS ET	S
12-Apr-23	SWL	1	22.368	SPRING	32166	3RS ET	P
12-Apr-23	SWL	2	30.970	SPRING	32166	3RS ET	P
12-Apr-23	SWL	1	10.270	SPRING	32166	3RS ET	S
12-Apr-23	SWL	2	5.460	SPRING	32166	3RS ET	S
13-Apr-23	WL	2	10.107	SPRING	32166	3RS ET	P
13-Apr-23	WL	3	8.141	SPRING	32166	3RS ET	P
13-Apr-23	WL	2	4.103	SPRING	32166	3RS ET	S
13-Apr-23	WL	3	6.578	SPRING	32166	3RS ET	S
13-Apr-23	AW	3	4.900	SPRING	32166	3RS ET	P
14-Apr-23	SWL	2	44.965	SPRING	32166	3RS ET	P
14-Apr-23	SWL	3	9.510	SPRING	32166	3RS ET	P
14-Apr-23	SWL	2	13.425	SPRING	32166	3RS ET	S
14-Apr-23	SWL	3	2.000	SPRING	32166	3RS ET	S
18-Apr-23	AW	3	4.720	SPRING	32166	3RS ET	P
18-Apr-23	WL	3	19.170	SPRING	32166	3RS ET	P
18-Apr-23	WL	3	10.170	SPRING	32166	3RS ET	S
19-Apr-23	NEL	3	25.790	SPRING	32166	3RS ET	P
19-Apr-23	NEL	4	10.700	SPRING	32166	3RS ET	P
19-Apr-23	NEL	3	8.980	SPRING	32166	3RS ET	S
19-Apr-23	NEL	4	0.900	SPRING	32166	3RS ET	S

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
20-Apr-23	NWL	2	61.800	SPRING	32166	3RS ET	P
20-Apr-23	NWL	2	13.600	SPRING	32166	3RS ET	S
21-Apr-23	NWL	3	41.400	SPRING	32166	3RS ET	P
21-Apr-23	NWL	4	22.400	SPRING	32166	3RS ET	P
21-Apr-23	NWL	3	9.300	SPRING	32166	3RS ET	S
21-Apr-23	NWL	4	1.900	SPRING	32166	3RS ET	S
04-May-23	WL	2	9.370	SPRING	32166	3RS ET	P
04-May-23	WL	3	5.924	SPRING	32166	3RS ET	P
04-May-23	WL	2	4.130	SPRING	32166	3RS ET	S
04-May-23	WL	3	4.963	SPRING	32166	3RS ET	S
04-May-23	AW	2	4.790	SPRING	32166	3RS ET	P
09-May-23	NEL	2	20.000	SPRING	32166	3RS ET	P
09-May-23	NEL	3	17.600	SPRING	32166	3RS ET	P
09-May-23	NEL	2	6.500	SPRING	32166	3RS ET	S
09-May-23	NEL	3	3.100	SPRING	32166	3RS ET	S
10-May-23	NEL	2	2.640	SPRING	32166	3RS ET	P
10-May-23	NEL	3	32.710	SPRING	32166	3RS ET	P
10-May-23	NEL	4	1.700	SPRING	32166	3RS ET	P
10-May-23	NEL	2	1.980	SPRING	32166	3RS ET	S
10-May-23	NEL	3	8.370	SPRING	32166	3RS ET	S
11-May-23	NWL	2	14.500	SPRING	32166	3RS ET	P
11-May-23	NWL	3	48.500	SPRING	32166	3RS ET	P
11-May-23	NWL	2	2.100	SPRING	32166	3RS ET	S
11-May-23	NWL	3	9.800	SPRING	32166	3RS ET	S
15-May-23	SWL	2	53.890	SPRING	32166	3RS ET	P
15-May-23	SWL	2	16.110	SPRING	32166	3RS ET	S
16-May-23	NWL	2	29.700	SPRING	32166	3RS ET	P
16-May-23	NWL	3	34.100	SPRING	32166	3RS ET	P
16-May-23	NWL	2	6.400	SPRING	32166	3RS ET	S
16-May-23	NWL	3	5.000	SPRING	32166	3RS ET	S
18-May-23	SWL	2	48.250	SPRING	32166	3RS ET	P
18-May-23	SWL	3	4.660	SPRING	32166	3RS ET	P
18-May-23	SWL	2	15.050	SPRING	32166	3RS ET	S
18-May-23	SWL	3	1.060	SPRING	32166	3RS ET	S
23-May-23	AW	3	4.630	SPRING	32166	3RS ET	P
23-May-23	WL	2	9.160	SPRING	32166	3RS ET	P
23-May-23	WL	3	10.106	SPRING	32166	3RS ET	P
23-May-23	WL	2	2.470	SPRING	32166	3RS ET	S
23-May-23	WL	3	7.890	SPRING	32166	3RS ET	S

Notes: CWD monitoring survey data of the two preceding survey months are presented for reference only.

## CWD Small Vessel Line-transect Survey

## Sighting Data

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
01-Mar-23	1	1116	CWD	1	AW	2	384	ON	3RS ET	22.3020	113.8820	SPRING	NONE	P
01-Mar-23	2	1202	CWD	7	WL	2	79	ON	3RS ET	22.2721	113.8461	SPRING	NONE	P
01-Mar-23	3	1258	CWD	2	WL	2	852	ON	3RS ET	22.2537	113.8347	SPRING	NONE	S
01-Mar-23	4	1315	CWD	6	WL	2	569	ON	3RS ET	22.2422	113.8338	SPRING	NONE	P
01-Mar-23	5	1343	CWD	7	WL	2	84	ON	3RS ET	22.2280	113.8379	SPRING	NONE	S
01-Mar-23	6	1420	CWD	7	WL	2	249	ON	3RS ET	22.2056	113.8281	SPRING	NONE	P
01-Mar-23	7	1447	CWD	3	WL	2	345	ON	3RS ET	22.1962	113.8339	SPRING	NONE	P
02-Mar-23	1	1039	CWD	6	WL	2	116	ON	3RS ET	22.2294	113.8379	SPRING	NONE	S
02-Mar-23	2	1051	CWD	14	WL	2	296	ON	3RS ET	22.2234	113.8338	SPRING	NONE	P
02-Mar-23	3	1153	CWD	7	WL	3	156	ON	3RS ET	22.1960	113.8395	SPRING	NONE	P
03-Mar-23	1	1050	CWD	5	NWL	3	167	ON	3RS ET	22.2804	113.8782	SPRING	NONE	P
07-Mar-23	1	1034	CWD	1	NWL	3	597	ON	3RS ET	22.2792	113.8700	SPRING	NONE	P
07-Mar-23	2	1140	CWD	1	NWL	2	122	ON	3RS ET	22.4001	113.8778	SPRING	NONE	P
09-Mar-23	1	1036	CWD	1	SWL	2	701	ON	3RS ET	22.2231	113.9365	SPRING	NONE	P
09-Mar-23	2	1112	FP	1	SWL	2	138	ON	3RS ET	22.1655	113.9358	SPRING	NONE	P
09-Mar-23	3	1116	FP	1	SWL	2	21	ON	3RS ET	22.1619	113.9356	SPRING	NONE	P
09-Mar-23	4	1121	FP	1	SWL	2	8	ON	3RS ET	22.1544	113.9359	SPRING	NONE	P
09-Mar-23	5	1124	FP	1	SWL	2	6	ON	3RS ET	22.1526	113.9363	SPRING	NONE	P
09-Mar-23	6	1232	FP	2	SWL	2	252	ON	3RS ET	22.1416	113.9120	SPRING	NONE	S
09-Mar-23	7	1259	FP	1	SWL	2	122	ON	3RS ET	22.1798	113.9040	SPRING	NONE	S
09-Mar-23	8	1345	FP	1	SWL	2	74	ON	3RS ET	22.1521	113.8976	SPRING	NONE	P
09-Mar-23	9	1513	CWD	5	SWL	2	389	ON	3RS ET	22.1930	113.8593	SPRING	NONE	P
10-Mar-23	1	1416	FP	2	SWL	2	29	ON	3RS ET	22.1643	113.8681	SPRING	NONE	P
10-Mar-23	2	1438	CWD	2	SWL	3	211	ON	3RS ET	22.1951	113.8583	SPRING	NONE	P
12-Apr-23	1	1042	FP	5	SWL	2	366	ON	3RS ET	22.1836	113.9358	SPRING	NONE	P
12-Apr-23	2	1047	FP	1	SWL	2	20	ON	3RS ET	22.1789	113.9355	SPRING	NONE	P
12-Apr-23	3	1050	FP	2	SWL	1	205	ON	3RS ET	22.1732	113.9358	SPRING	NONE	P
12-Apr-23	4	1055	FP	4	SWL	1	95	ON	3RS ET	22.1660	113.9362	SPRING	NONE	P
12-Apr-23	5	1100	FP	4	SWL	1	47	ON	3RS ET	22.1591	113.9364	SPRING	NONE	P
12-Apr-23	6	1103	FP	1	SWL	1	78	ON	3RS ET	22.1554	113.9362	SPRING	NONE	P
12-Apr-23	7	1109	FP	2	SWL	1	149	ON	3RS ET	22.1469	113.9315	SPRING	NONE	S
12-Apr-23	8	1119	FP	1	SWL	1	22	ON	3RS ET	22.1586	113.9276	SPRING	NONE	P



DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
12-Apr-23	9	1124	FP	4	SWL	1	54	ON	3RS ET	22.1661	113.9276	SPRING	NONE	P
12-Apr-23	10	1218	FP	1	SWL	1	157	ON	3RS ET	22.1444	113.9080	SPRING	NONE	P
12-Apr-23	11	1226	FP	4	SWL	1	205	ON	3RS ET	22.1563	113.9008	SPRING	NONE	S
12-Apr-23	12	1311	FP	3	SWL	1	53	ON	3RS ET	22.1824	113.8971	SPRING	NONE	P
13-Apr-23	1	1057	CWD	10	WL	3	623	ON	3RS ET	22.2416	113.8409	SPRING	PURSE SEINER	P
13-Apr-23	2	1127	CWD	9	WL	2	11	ON	3RS ET	22.2324	113.8294	SPRING	PURSE SEINER	P
13-Apr-23	3	1146	CWD	2	WL	2	268	ON	3RS ET	22.2237	113.8286	SPRING	NONE	P
13-Apr-23	4	1156	CWD	3	WL	3	11	ON	3RS ET	22.2188	113.8195	SPRING	NONE	S
13-Apr-23	5	1213	CWD	8	WL	3	355	ON	3RS ET	22.2148	113.8322	SPRING	NONE	P
14-Apr-23	1	1400	FP	1	SWL	2	9	ON	3RS ET	22.1593	113.8730	SPRING	NONE	S
18-Apr-23	1	1049	CWD	7	WL	3	26	ON	3RS ET	22.2459	113.8496	SPRING	NONE	S
18-Apr-23	2	1148	CWD	3	WL	3	296	ON	3RS ET	22.2141	113.8340	SPRING	NONE	P
18-Apr-23	3	1226	CWD	4	WL	3	282	ON	3RS ET	22.1962	113.8412	SPRING	NONE	P
04-May-23	1	1054	CWD	1	WL	2	409	ON	3RS ET	22.2451	113.8491	SPRING	NONE	S
04-May-23	2	1117	CWD	7	WL	3	130	ON	3RS ET	22.2324	113.8242	SPRING	NONE	S
04-May-23	3	1138	CWD	2	WL	3	179	ON	3RS ET	22.2321	113.8278	SPRING	NONE	P
04-May-23	4	1158	CWD	3	WL	3	335	ON	3RS ET	22.2241	113.8307	SPRING	NONE	P
04-May-23	5	1219	CWD	3	WL	3	163	ON	3RS ET	22.2143	113.8218	SPRING	NONE	P
04-May-23	6	1251	CWD	4	WL	3	212	ON	3RS ET	22.1968	113.8287	SPRING	NONE	S
04-May-23	7	1302	CWD	5	WL	3	379	ON	3RS ET	22.1962	113.8402	SPRING	NONE	P
15-May-23	1	1115	FP	2	SWL	2	44	ON	3RS ET	22.1744	113.9284	SPRING	NONE	P
18-May-23	1	1402	CWD	2	SWL	2	299	ON	3RS ET	22.1987	113.8785	SPRING	PURSE SEINER	P
18-May-23	2	1512	CWD	1	SWL	2	366	ON	3RS ET	22.1993	113.8596	SPRING	NONE	S
23-May-23	1	1116	CWD	4	WL	3	162	ON	3RS ET	22.2227	113.8306	SPRING	NONE	P
23-May-23	2	1145	CWD	1	WL	3	59	ON	3RS ET	22.2144	113.8338	SPRING	NONE	P
23-May-23	3	1216	CWD	3	WL	3	31	ON	3RS ET	22.1960	113.8410	SPRING	NONE	P
23-May-23	4	1231	CWD	5	WL	3	200	ON	3RS ET	22.1935	113.8425	SPRING	NONE	S

Abbreviations: STG# = Sighting Number; GP SZ = Group Size; BEAU = Beaufort Sea State; PSD = Perpendicular Distance (in metres); N/A = Not Applicable;  
DEC LAT = Latitude (WGS84 in Decimal), DEC LON = Longitude (WGS84 in Decimal); BOAT ASSOC. = Fishing Boat Association; P/S = Primary Transect / Secondary Transect

Notes:

CWD monitoring survey data of the two preceding survey months are presented for reference only. No relevant figure or text will be mentioned in this monthly EM&A report.

Sighting data of finless porpoise (FP) are presented for reference only. No relevant figure or text will be mentioned in the monthly EM&A report. All FP sightings are excluded in calculation.

Calculation of the encounter rates STG and ANI in the whole survey area (NEL, NWL, AW, WL, SWL):

A total of 445.453 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 13 on-effort sightings and total number of 41 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in May 2023 are shown as below:

Encounter Rate by Number of Dolphin Sightings (STG) in May 2023

$$STG = \frac{13}{445.453} \times 100 = 2.92$$

Encounter Rate by Number of Dolphins (ANI) in May 2023

$$ANI = \frac{41}{445.453} \times 100 = 9.20$$

Calculation of the running quarterly STG and ANI in the whole survey area (NEL, NWL, AW, WL, SWL):

A total of 1280.996 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 37 on-effort sightings and total number of 162 dolphins from on-effort sightings were collected under such condition. Calculation of the running quarterly encounter rates are shown as below:

Running Quarterly Encounter Rate by Number of Dolphin Sightings (STG)









$$STG = \frac{37}{1280.996} \times 100 = 2.89$$









Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{162}{1280.996} \times 100 = 12.65$$

CWD Small Vessel Line-transect Survey

Photo Identification

	
WLMM056_20230504_1_2	SLMM027_20230504_2_2
	
SLMM050_20230504_2_3	WLMM007_20230504_2_1
	
WLMM018_20230504_2_3	WLMM079_20230504_2_5
	
WLMM147_20230504_2_7_Right	WLMM159_20230504_2_2

	
WLMM001_20230504_3_2	WLMM086_20230504_3_3
	
SLMM023_20230504_4_5	SLMM027_20230504_4_6
	
SLMM049_20230504_4_3	WLMM111_20230504_5_2
	
WLMM152_20230504_5_6	WLMM065_20230504_6_8



WLMM073\_20230504\_6\_6



WLMM159\_20230504\_6\_2



WLMM187\_20230504\_6\_7



SLMM037\_20230518\_1\_4



WLMM114\_20230518\_1\_3










SLMM034\_20230518\_2\_1



SLMM025\_20230523\_1\_6



SLMM027\_20230523\_1\_3

	
WLMM073_20230523_1_5	SLMM027_20230523_3_1
	
SLMM003_20230523_4_2	SLMM025_20230523_4_3
	
SLMM027_20230523_4_1	WLMM073_20230523_4_4
	
WLMM114_20230523_4_6	

**CWD Land-based Theodolite Tracking Survey****CWD Groups by Survey Date**

<b>Date</b>	<b>Station</b>	<b>Start Time</b>	<b>End Time</b>	<b>Duration</b>	<b>Beaufort Range</b>	<b>Visibility</b>	<b>No. of Focal Follow Dolphin Groups Tracked</b>	<b>Dolphin Group Size Range</b>
24/May/23	Lung Kwu Chau	9:24	15:24	6:00	3	3	0	NA
25/May/23	Sha Chau	10:48	16:48	6:00	3	1	0	NA

Visibility: 1=Excellent, 2=Good, 3=Fair, 4=Poor