

Appendix D. Monitoring Results

Air Quality Monitoring Results

1-hour TSP Results

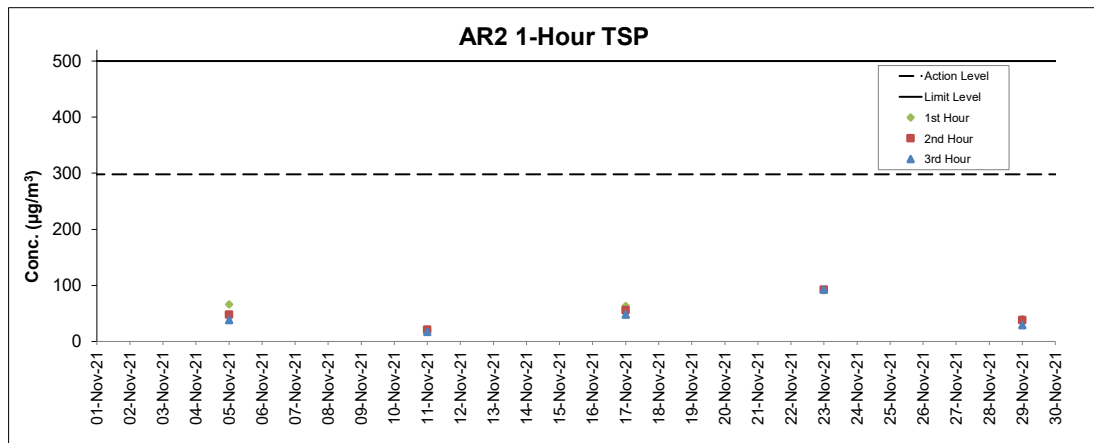
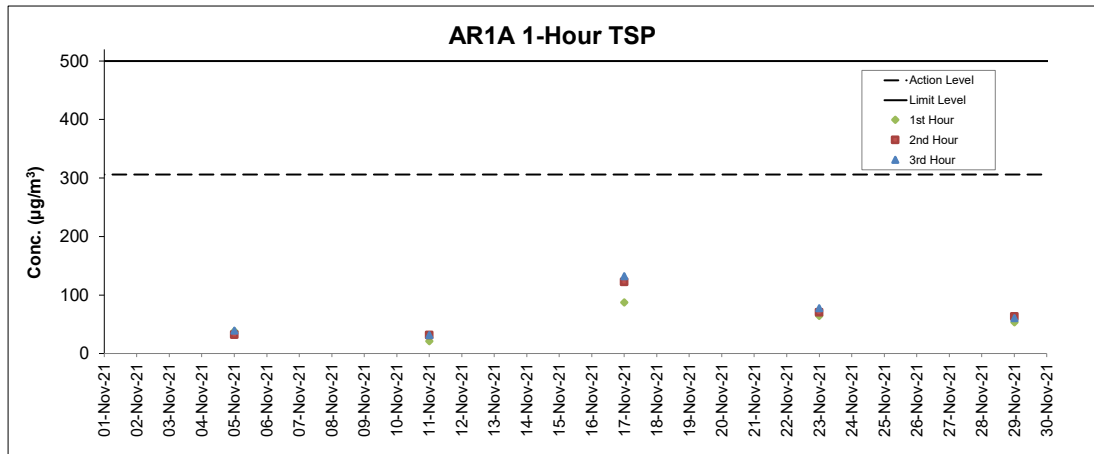
Station: AR1A- Man Tung Road Park

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 ($\mu\text{g}/\text{m}^3$)
05-Nov-21	13:28	Sunny	3.3	265	38	306	500
05-Nov-21	14:28	Sunny	3.3	261	32	306	500
05-Nov-21	15:28	Sunny	2.8	Variable	39	306	500
11-Nov-21	12:43	Sunny	4.2	339	21	306	500
11-Nov-21	13:43	Sunny	4.4	332	31	306	500
11-Nov-21	14:43	Sunny	3.1	286	31	306	500
17-Nov-21	12:10	Fine	5.8	332	87	306	500
17-Nov-21	13:10	Fine	4.7	327	122	306	500
17-Nov-21	14:10	Fine	4.4	321	132	306	500
23-Nov-21	9:37	Fine	5.0	38	64	306	500
23-Nov-21	10:37	Fine	4.4	16	70	306	500
23-Nov-21	11:37	Fine	3.3	8	77	306	500
29-Nov-21	13:00	Sunny	4.7	304	53	306	500
29-Nov-21	14:00	Sunny	4.7	304	63	306	500
29-Nov-21	15:00	Sunny	3.3	291	60	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 ($\mu\text{g}/\text{m}^3$)
05-Nov-21	9:21	Sunny	5.8	85	66	298	500
05-Nov-21	10:21	Sunny	5.3	87	48	298	500
05-Nov-21	11:21	Sunny	4.7	102	38	298	500
11-Nov-21	8:42	Sunny	5.0	49	20	298	500
11-Nov-21	9:42	Sunny	3.3	56	21	298	500
11-Nov-21	10:42	Sunny	2.5	27	17	298	500
17-Nov-21	7:49	Fine	4.7	80	63	298	500
17-Nov-21	8:49	Fine	5.0	76	56	298	500
17-Nov-21	9:49	Fine	4.2	83	48	298	500
23-Nov-21	13:41	Fine	3.9	18	91	298	500
23-Nov-21	14:41	Fine	3.6	9	92	298	500
23-Nov-21	15:41	Fine	3.3	16	92	298	500
29-Nov-21	9:05	Sunny	2.8	32	40	298	500
29-Nov-21	10:05	Sunny	2.8	345	38	298	500
29-Nov-21	11:05	Sunny	1.7	Variable	29	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 ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
05-Nov-21	Sunny	13:32	59.5	57.2	61
05-Nov-21	Sunny	13:37	60.3	57.3	
05-Nov-21	Sunny	13:42	59.2	57.0	
05-Nov-21	Sunny	13:47	60.1	57.4	
05-Nov-21	Sunny	13:52	60.7	57.6	
05-Nov-21	Sunny	13:57	57.9	52.8	60
11-Nov-21	Sunny	12:46	56.5	50.6	
11-Nov-21	Sunny	12:51	62.9	51.7	
11-Nov-21	Sunny	12:56	59.4	50.6	
11-Nov-21	Sunny	13:01	57.8	47.7	
11-Nov-21	Sunny	13:06	59.3	50.4	58
11-Nov-21	Sunny	13:11	56.5	49.6	
17-Nov-21	Fine	12:12	57.2	48.8	
17-Nov-21	Fine	12:17	57.5	49.6	
17-Nov-21	Fine	12:22	60.3	50.5	
17-Nov-21	Fine	12:27	55.6	49.6	
17-Nov-21	Fine	12:32	55.7	50.0	
17-Nov-21	Fine	12:37	59.0	50.8	62
23-Nov-21	Fine	11:00	60.0	51.7	
23-Nov-21	Fine	11:05	61.8	51.3	
23-Nov-21	Fine	11:10	63.2	50.7	
23-Nov-21	Fine	11:15	65.1	51.3	
23-Nov-21	Fine	11:20	59.4	51.2	62
23-Nov-21	Fine	11:25	62.3	52.6	
29-Nov-21	Sunny	13:18	61.6	52.1	
29-Nov-21	Sunny	13:23	58.0	51.0	
29-Nov-21	Sunny	13:28	57.3	50.3	
29-Nov-21	Sunny	13:33	59.2	51.9	62
29-Nov-21	Sunny	13:38	61.4	52.1	
29-Nov-21	Sunny	13:43	55.9	51.2	

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 ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
04-Nov-21	Sunny	13:07	66.7	58.6	64
04-Nov-21	Sunny	13:12	64.1	58.4	
04-Nov-21	Sunny	13:17	64.0	58.6	
04-Nov-21	Sunny	13:22	61.5	58.1	
04-Nov-21	Sunny	13:27	61.2	57.7	
04-Nov-21	Sunny	13:32	60.3	56.3	61
10-Nov-21	Sunny	09:34	59.4	54.9	
10-Nov-21	Sunny	09:39	60.4	54.7	
10-Nov-21	Sunny	09:44	60.2	54.1	
10-Nov-21	Sunny	09:49	59.6	54.4	
10-Nov-21	Sunny	09:54	60.7	55.5	64
10-Nov-21	Sunny	09:59	60.4	54.9	
16-Nov-21	Sunny	13:12	63.3	58.5	
16-Nov-21	Sunny	13:17	64.0	58.6	
16-Nov-21	Sunny	13:22	61.9	58.0	
16-Nov-21	Sunny	13:27	63.3	57.4	64
16-Nov-21	Sunny	13:32	60.4	56.2	
16-Nov-21	Sunny	13:37	61.2	56.2	
22-Nov-21	Overcast	13:43	60.6	55.8	
22-Nov-21	Overcast	13:48	64.8	58.3	
22-Nov-21	Overcast	13:53	62.4	57.1	
22-Nov-21	Overcast	13:58	65.1	57.8	
22-Nov-21	Overcast	14:03	63.0	56.7	
22-Nov-21	Overcast	14:08	63.5	57.4	
30-Nov-21	Sunny	13:51	63.9	57.7	66
30-Nov-21	Sunny	13:56	65.9	57.7	
30-Nov-21	Sunny	14:01	66.6	59.1	
30-Nov-21	Sunny	14:06	63.6	58.5	
30-Nov-21	Sunny	14:11	64.2	58.2	
30-Nov-21	Sunny	14:16	63.9	58.1	

Remarks:

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

Noise Measurement Results

Station: NM5- Village House, Tin Sum

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₅₀ dB(A)	L _{eq(30mins)} dB(A) ^
05-Nov-21	Sunny	09:26	53.8	48.4	58
05-Nov-21	Sunny	09:31	57.1	49.2	
05-Nov-21	Sunny	09:36	51.2	49.1	
05-Nov-21	Sunny	09:41	51.0	48.0	
05-Nov-21	Sunny	09:46	52.8	48.5	
05-Nov-21	Sunny	09:51	50.9	48.4	54
11-Nov-21	Sunny	08:46	56.3	46.1	
11-Nov-21	Sunny	08:51	52.4	45.3	
11-Nov-21	Sunny	08:56	50.1	45.2	
11-Nov-21	Sunny	09:01	53.6	47.0	
11-Nov-21	Sunny	09:06	49.7	45.8	58
11-Nov-21	Sunny	09:11	48.8	44.9	
17-Nov-21	Fine	07:52	58.2	45.5	
17-Nov-21	Fine	07:57	51.0	46.1	
17-Nov-21	Fine	08:02	53.5	45.5	
17-Nov-21	Fine	08:07	55.2	47.3	57*
17-Nov-21	Fine	08:12	53.8	48.7	
17-Nov-21	Fine	08:17	51.8	46.3	
23-Nov-21	Fine	14:15	60.4	50.8	
23-Nov-21	Fine	14:20	65.8	50.5	
23-Nov-21	Fine	14:25	58.3	50.4	55
23-Nov-21	Fine	14:30	51.8	48.3	
23-Nov-21	Fine	14:35	55.9	50.0	
23-Nov-21	Fine	14:40	55.5	49.1	
29-Nov-21	Sunny	09:07	54.2	48.5	
29-Nov-21	Sunny	09:12	53.0	48.3	55
29-Nov-21	Sunny	09:17	50.2	47.3	
29-Nov-21	Sunny	09:22	53.8	49.0	
29-Nov-21	Sunny	09:27	53.4	48.9	
29-Nov-21	Sunny	09:32	56.9	50.4	

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

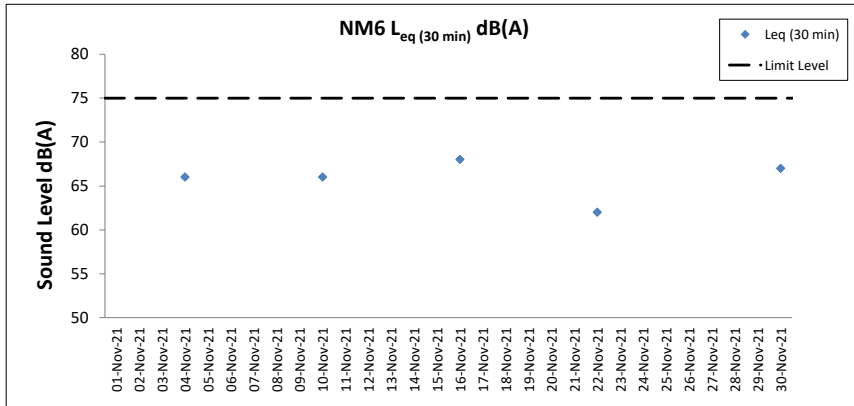
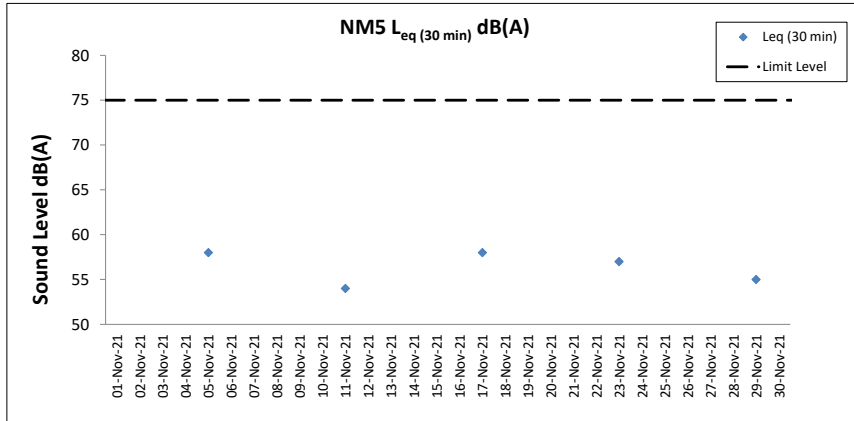
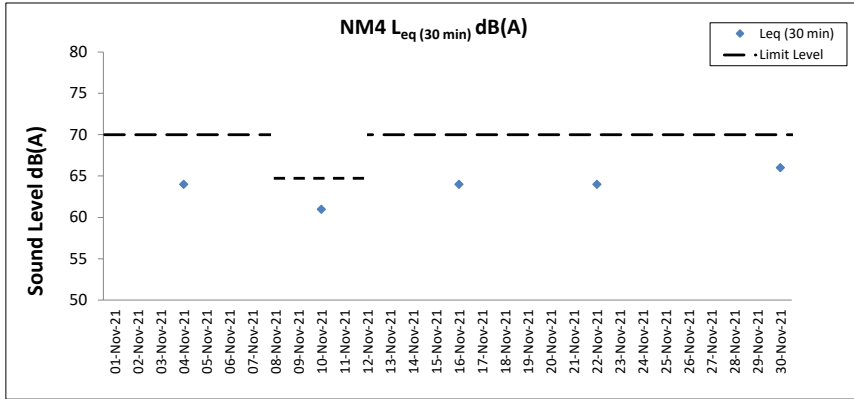
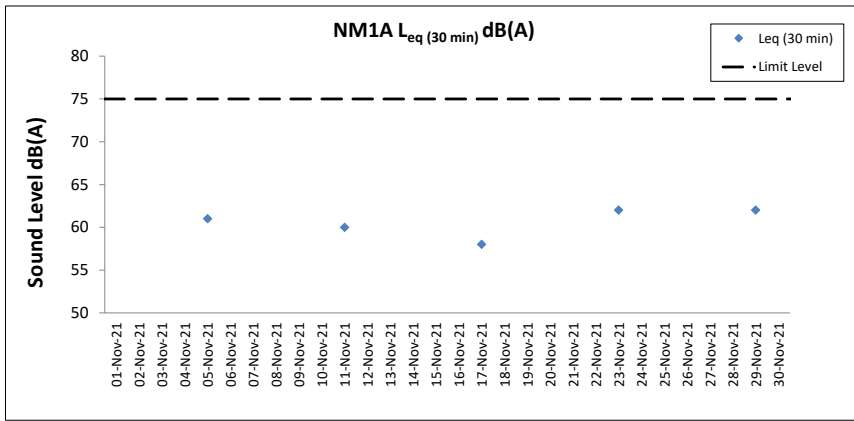
Station: NM6- House No.1 Sha Lo Wan

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₅₀ dB(A)	L _{eq(30mins)} dB(A) ^
04-Nov-21	Sunny	15:40	61.2	47.7	66
04-Nov-21	Sunny	15:45	65.0	47.2	
04-Nov-21	Sunny	15:50	66.1	45.5	
04-Nov-21	Sunny	15:55	51.5	43.0	
04-Nov-21	Sunny	16:00	69.2	44.8	
04-Nov-21	Sunny	16:05	58.9	46.1	66*
10-Nov-21	Sunny	15:41	72.3	51.0	
10-Nov-21	Sunny	15:46	70.2	56.4	
10-Nov-21	Sunny	15:51	71.3	54.7	
10-Nov-21	Sunny	15:56	71.9	56.2	
10-Nov-21	Sunny	16:01	70.1	49.3	68
10-Nov-21	Sunny	16:06	66.1	51.8	
16-Nov-21	Sunny	15:38	72.3	47.4	
16-Nov-21	Sunny	15:43	50.6	45.7	
16-Nov-21	Sunny	15:48	57.9	46.0	
16-Nov-21	Sunny	15:53	69.9	46.5	62*
16-Nov-21	Sunny	15:58	66.6	48.5	
16-Nov-21	Sunny	16:03	66.1	47.4	
22-Nov-21	Overcast	15:42	67.6	48.9	
22-Nov-21	Overcast	15:47	63.0	55.4	
22-Nov-21	Overcast	15:52	67.7	46.4	67
22-Nov-21	Overcast	15:57	66.4	49.5	
22-Nov-21	Overcast	16:02	63.7	50.2	
22-Nov-21	Overcast	16:07	72.4	58.9	
30-Nov-21	Sunny	15:43	65.8	56.1	
30-Nov-21	Sunny	15:48	68.8	52.0	67
30-Nov-21	Sunny	15:53	62.0	53.2	
30-Nov-21	Sunny	15:58	65.8	55.5	
30-Nov-21	Sunny	16:03	63.4	51.4	
30-Nov-21	Sunny	16:08	66.2	55.2	

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 November 21 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	Fine	Calm	10:57	7.6	Surface	1.0	0.4	222	25.7	25.7	8.1	8.1	33.4	33.4	100.0	100.0	6.8	6.8	5.7	6.8	4	10	815618	804240								
						1.0	0.4	233	25.7	8.1	8.1	33.4	33.5	100.0	100.0	6.8	6.8	5.6	6.8	4												
						3.8	0.3	216	25.7	25.7	8.1	8.1	33.5	33.5	100.9	101.0	6.8	6.8	6.8	12												
					Middle	3.8	0.4	231	25.7	25.7	8.1	8.1	33.5	33.5	101.0	101.0	6.8	6.8	6.7	11												
						6.6	0.3	215	25.5	25.5	8.1	8.1	33.6	33.7	102.2	102.4	6.9	6.9	7.0	15												
						6.6	0.3	219	25.4	25.5	8.1	8.1	33.7	33.7	102.5	102.5	6.9	6.9	7.0	15												
					C2	Fine	Moderate	12:20	11.2	Surface	1.0	0.3	144	25.9	25.9	8.3	8.3	31.3	31.3	94.0	94.0				6.4	6.4	1.8	6.4	4	5	825672	806952
											1.0	0.3	153	25.9	25.9	8.3	8.3	31.3	31.3	94.0	94.0				6.4	6.2	1.8	6.2	4			
											5.6	0.4	140	25.7	25.7	8.2	8.2	31.9	31.9	87.8	87.8				6.0	6.0	4.5	6.0	5			
Middle	5.6	0.4	141	25.7						25.7	8.2	8.2	31.9	31.9	87.8	87.8	6.0	6.0	4.5	6.0	5											
	10.2	0.4	135	25.7						25.7	8.2	8.2	32.0	32.0	88.1	88.1	6.0	6.0	8.4	6.0	7											
	10.2	0.4	143	25.7						25.7	8.2	8.2	32.0	32.0	88.1	88.1	6.0	6.0	8.3	6.0	6											
C3	Cloudy	Moderate	09:50	12.4						Surface	1.0	0.3	135	26.0	26.0	8.1	8.1	32.6	32.6	82.8	82.8	5.6	5.6	1.6	5.6	4	3	822120	817793			
											1.0	0.3	143	26.0	26.0	8.1	8.1	32.6	32.6	82.7	82.7	5.6	5.6	1.6	5.6	4						
											6.2	0.2	130	26.0	26.0	8.1	8.1	32.6	32.6	82.3	82.3	5.6	5.6	1.7	5.6	3						
					Middle	6.2	0.2	136	26.0	26.0	8.1	8.1	32.6	32.6	82.3	82.3	5.6	5.6	1.7	5.6	3											
						11.4	0.2	141	26.0	26.0	8.0	8.0	32.6	32.6	81.9	81.9	5.5	5.5	2.3	5.5	3											
						11.4	0.2	145	26.0	26.0	8.0	8.0	32.6	32.6	81.9	81.9	5.5	5.5	2.3	5.5	3											
					IM1	Fine	Calm	11:17	4.4	Surface	1.0	0.2	198	25.5	25.5	8.1	8.1	33.3	33.3	99.9	99.9	6.8	6.8	6.1	6.8	5				6	817939	807151
											1.0	0.2	214	25.5	25.5	8.1	8.1	33.3	33.3	99.9	99.9	6.8	6.8	6.1	6.8	5						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.4	0.1	182	25.5						25.5	8.1	8.1	33.3	33.3	100.3	100.4	6.8	6.8	7.2	6.8	7.2	7										
	3.4	0.1	182	25.5						25.5	8.1	8.1	33.3	33.3	100.4	100.4	6.8	6.8	7.2	6.8	7.2	6										
IM2	Fine	Calm	11:24	6.4						Surface	1.0	0.2	171	25.5	25.5	8.1	8.1	33.2	33.2	101.4	101.4	6.9	6.9	5.0	6.9	4	4	818142	806164			
											1.0	0.2	177	25.5	25.5	8.1	8.1	33.2	33.2	101.4	101.4	6.9	7.0	4.9	6.9	4						
											3.2	0.2	156	25.5	25.5	8.1	8.1	33.3	33.3	102.5	102.6	7.0	7.0	6.1	7.0	4						
					Middle	3.2	0.2	171	25.5	25.5	8.1	8.1	33.3	33.3	102.7	102.7	7.0	7.0	6.2	7.0	4											
						5.4	0.2	149	25.5	25.5	8.1	8.1	33.3	33.3	104.9	105.2	7.1	7.2	7.1	7.1	4											
						5.4	0.2	158	25.5	25.5	8.1	8.1	33.3	33.3	105.5	105.5	7.2	7.2	7.1	7.1	4											
					IM3	Fine	Calm	11:30	6.6	Surface	1.0	0.3	129	25.5	25.5	8.1	8.1	33.0	33.0	100.2	100.4	6.8	6.8	4.4	6.8	4				4	818785	805573
											1.0	0.4	134	25.5	25.5	8.1	8.1	33.0	33.0	100.5	100.5	6.8	6.9	4.5	6.9	4						
											3.3	0.4	130	25.5	25.5	8.1	8.1	33.0	33.1	101.5	101.6	6.9	6.9	5.2	6.9	4						
Middle	3.3	0.4	137	25.5						25.5	8.1	8.1	33.1	33.1	101.7	101.7	6.9	6.9	5.1	6.9	4											
	5.6	0.3	127	25.5						25.5	8.1	8.1	33.1	33.1	103.5	103.8	7.0	7.1	6.1	7.0	4											
	5.6	0.4	138	25.5						25.5	8.1	8.1	33.1	33.1	104.1	104.1	7.1	7.1	6.1	7.1	5											
IM4	Fine	Calm	11:41	7.0						Surface	1.0	0.8	185	25.5	25.5	8.1	8.1	33.2	33.2	100.5	100.5	6.8	6.8	6.3	6.8	9	11	819732	804600			
											1.0	0.8	199	25.5	25.5	8.1	8.1	33.2	33.2	100.5	100.5	6.8	6.9	6.4	6.9	9						
											3.5	0.7	181	25.5	25.5	8.1	8.1	33.2	33.2	101.0	101.1	6.9	6.9	7.8	6.9	11						
					Middle	3.5	0.8	185	25.5	25.5	8.1	8.1	33.2	33.2	101.2	101.2	6.9	6.9	7.8	6.9	11											
						6.0	0.6	183	25.5	25.6	8.1	8.1	33.1	33.1	105.2	105.7	7.1	7.2	8.1	7.1	12											
						6.0	0.6	188	25.6	25.6	8.1	8.1	33.1	33.1	106.2	106.2	7.2	7.2	8.1	7.2	12											
					IM5	Fine	Calm	11:50	7.6	Surface	1.0	0.8	214	25.5	25.5	8.1	8.1	33.2	33.2	102.0	102.1	6.9	6.9	7.8	6.9	12				10	820711	804853
											1.0	0.8	220	25.5	25.5	8.1	8.1	33.2	33.2	102.1	102.1	6.9	7.0	7.8	6.9	11						
											3.8	0.8	212	25.5	25.5	8.1	8.1	33.2	33.2	103.5	103.6	7.0	7.0	8.1	7.0	10						
Middle	3.8	0.8	212	25.5						25.5	8.1	8.1	33.2	33.2	103.7	103.7	7.0	7.0	8.1	7.0	9											
	6.6	0.7	212	25.5						25.5	8.1	8.1	33.2	33.2	106.6	107.2	7.2	7.3	9.1	7.2	8											
	6.6	0.7	223	25.5						25.5	8.1	8.1	33.2	33.2	107.8	107.8	7.3	7.3	9.1	7.3	8											
IM6	Fine	Calm	11:58	6.8						Surface	1.0	0.7	239	25.5	25.5	8.1	8.1	32.9	32.9	100.1	100.1	6.8	6.8	7.1	6.8	6	6	821073	805838			
											1.0	0.7	252	25.5	25.5	8.1	8.1	32.9	32.9	100.1	100.1	6.8	6.8	7.2	6.8	6						
											3.4	0.6	234	25.5	25.5	8.1	8.1	33.1	33.1	100.5	100.7	6.8	6.8	8.2	6.8	6						
					Middle	3.4	0.6	244	25.5	25.5	8.1	8.1	33.1	33.1	100.8	100.8	6.8	6.8	8.3	6.8	6											
						5.8	0.5	233	25.5	25.5	8.1	8.1	33.1	33.1	103.0	103.6	7.0	7.1	9.1	7.0	6											
						5.8	0.6	236	25.5	25.5	8.1	8.1	33.1	33.1	104.2	104.2	7.1	7.1	9.1	7.1	7											
					IM7	Fine	Calm	12:09	7.8	Surface	1.0	0.5	242	25.5	25.5	8.1	8.1	32.7	32.7	102.6	102.8	7.0	7.0	3.5	7.0	10				9	821365	806821
											1.0	0.5	248	25.5	25.5	8.1	8.1	32.7	32.7	103.0	103.0	7.0	7.1	3.4	7.0	10						
											3.9	0.4	249	25.5	25.5	8.1	8.1	32.8	32.8	104.0	104.3	7.1	7.1	4.3	7.1	10						
Middle	3.9	0.5	257	25.5						25.5	8.1	8.1	32.8	32.8	104.5	104.5	7.1	7.1	4.2	7.1	10											
	6.8	0.3	251	25.5						25.5	8.1	8.1	32.8	32.8	106.1	106.5	7.2	7.3	5.9	7.2	7											
	6.8	0.3	253	25.5						25.5	8.1	8.1	32.7	32.7	106.8	106.8	7.3	7.3	5.8	7.3	8											
IM8	Fine	Moderate	11:51	7.8						Surface	1.0	0.4	147	25.7	25.7	8.3	8.3	32.1	32.1	92.4	92.4	6.3	6.3	3.1	6.3	4	6	821813	808152			
											1.0	0.4	155	25.7	25.7	8.3	8.3	32.1	32.1	92.4	92.4	6.3	6.3	3.0	6.3	4						
											3.9	0.4	141	25.5	25.5	8.3	8.3	32.4	32.4	90.7	90.7	6.2	6.2	8.4	6.2	6						
					Middle	3.9	0.4	142	25.5	25.5	8.3	8.3	32.4	32.4	90.7	90.7	6.2	6.2	8.5	6.2	6											
						6.8	0.3	138	25.5	25.5	8.2	8.2	32.6	32.6	90.5	90.5	6.2	6.2	7.6	6.2	7											
						6.8	0.3	142	25.5	25.5	8.2	8.2	32.6	32.6	90.5	90.5	6.2	6.2	7.5	6.2	7											

DA: Depth-Averaged

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

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 02 November 21 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													
IM9	Fine	Moderate	11:44	7.3	Surface	1.0	0.4	151	25.7	25.7	8.3	8.3	32.0	32.0	92.5	92.5	6.3	6.3	2.7	2.7	4	4	4	822085	808821								
						1.0	0.4	151	25.7	8.3	8.3	32.0	32.0	92.5	92.5	6.3	6.3	2.7	2.7	4	4												
						3.7	0.4	140	25.6	8.3	8.3	32.2	32.2	91.2	91.2	6.2	6.2	5.5	5.5	4	4												
					Middle	3.7	0.4	143	25.6	25.6	8.3	8.3	32.2	32.2	91.2	91.2	6.2	6.2	5.5	5.5	4	4				4	4						
						6.3	0.3	133	25.5	25.5	8.2	8.2	32.3	32.3	92.4	92.4	6.3	6.3	8.9	8.9	4	4											
						6.3	0.3	138	25.5	25.5	8.2	8.2	32.3	32.3	92.4	92.4	6.3	6.3	9.0	9.0	5	5											
					IM10	Fine	Rough	11:35	7.5	Surface	1.0	0.3	153	25.7	25.7	8.3	8.3	32.1	32.1	91.7	91.7	6.2				6.2	3.9	3.9	7	7	6	822394	809810
											1.0	0.3	162	25.7	25.7	8.3	8.3	32.1	32.1	91.7	91.7	6.2				6.2	3.9	3.9	6	6			
											3.8	0.4	143	25.6	25.6	8.2	8.2	32.2	32.2	90.6	90.6	6.2				6.2	6.5	6.5	6	6			
Middle	3.8	0.4	147	25.6						25.6	8.2	8.2	32.2	32.2	90.6	90.6	6.2	6.2	6.4	6.4	6	6											
	6.5	0.3	147	25.5						25.5	8.2	8.2	32.2	32.2	90.1	90.2	6.2	6.2	9.8	9.8	5	5											
	6.5	0.3	157	25.5						25.5	8.2	8.2	32.2	32.2	90.2	90.2	6.2	6.2	9.9	9.9	5	5											
IM11	Fine	Rough	11:21	7.1						Surface	1.0	0.4	166	25.6	25.6	8.3	8.3	32.0	32.0	91.4	91.4	6.2	6.2	3.5	3.5	7	7	7	822075	811452			
											1.0	0.4	170	25.6	25.6	8.3	8.3	32.0	32.0	91.4	91.4	6.2	6.2	3.6	3.6	7	7						
											3.6	0.3	153	25.6	25.6	8.3	8.3	32.0	32.0	90.9	90.9	6.2	6.2	6.4	6.4	6	6						
					Middle	3.6	0.3	167	25.6	25.6	8.3	8.3	32.0	32.0	90.9	90.9	6.2	6.2	6.4	6.4	7	7											
						6.1	0.3	156	25.6	25.6	8.2	8.2	32.0	32.0	91.4	91.5	6.2	6.2	7.1	7.1	6	6											
						6.1	0.3	162	25.6	25.6	8.2	8.2	32.0	32.0	91.5	91.5	6.2	6.2	7.2	7.2	6	6											
					IM12	Fine	Rough	11:13	9.6	Surface	1.0	0.3	171	25.6	25.6	8.3	8.3	32.0	32.0	90.8	90.8	6.2	6.2	4.5	4.5	7	7				8	821468	812047
											1.0	0.3	172	25.6	25.6	8.3	8.3	32.0	32.0	90.8	90.8	6.2	6.2	4.5	4.5	6	6						
											4.8	0.4	158	25.6	25.6	8.2	8.2	32.0	32.0	90.4	90.4	6.2	6.2	8.7	8.7	8	8						
Middle	4.8	0.4	162	25.6						25.6	8.2	8.2	32.0	32.0	90.4	90.4	6.2	6.2	8.6	8.6	8	8											
	8.6	0.2	168	25.5						25.5	8.2	8.2	32.0	32.0	90.4	90.4	6.2	6.2	19.1	19.1	9	9											
	8.6	0.2	170	25.5						25.5	8.2	8.2	32.0	32.0	90.4	90.4	6.2	6.2	19.2	19.2	9	9											
SR1A	Fine	Calm	10:34	5.3						Surface	1.0	-	-	25.6	25.6	8.1	8.1	32.0	32.0	88.3	88.3	6.0	6.0	2.6	2.6	2	2	3	819977	812666			
											1.0	-	-	25.6	25.6	8.1	8.1	32.0	32.0	88.3	88.3	6.0	6.0	2.7	2.7	3	3						
											2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						4.3	-	-	25.6	25.6	8.1	8.1	32.1	32.1	88.2	88.2	6.0	6.0	4.1	4.1	3	3											
						4.3	-	-	25.6	25.6	8.1	8.1	32.1	32.1	88.2	88.2	6.0	6.0	4.1	4.1	2	2											
					SR2	Fine	Moderate	10:14	5.1	Surface	1.0	0.2	168	25.6	25.6	8.1	8.1	32.1	32.1	89.4	89.4	6.1	6.1	1.7	1.7	4	4				3	821471	814184
											1.0	0.2	177	25.6	25.6	8.1	8.1	32.1	32.1	89.4	89.4	6.1	6.1	1.7	1.7	4	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-											
	4.1	0.2	149	25.6						25.6	8.0	8.0	32.2	32.2	88.4	88.5	6.0	6.0	2.0	2.0	2	2											
	4.1	0.2	154	25.6						25.6	8.0	8.0	32.2	32.2	88.6	88.6	6.0	6.0	2.1	2.1	2	2											
SR3	Fine	Moderate	11:58	8.7						Surface	1.0	0.3	165	25.7	25.7	8.3	8.3	31.8	31.8	94.4	94.4	6.4	6.4	1.9	1.9	2	2	3	822153	807593			
											1.0	0.3	166	25.7	25.7	8.3	8.3	31.8	31.8	94.4	94.4	6.4	6.4	1.8	1.8	3	3						
											4.4	0.4	155	25.6	25.6	8.3	8.3	32.2	32.2	92.2	92.1	6.3	6.3	4.7	4.7	3	3						
					Middle	4.4	0.4	162	25.6	25.6	8.3	8.3	32.2	32.2	92.0	92.0	6.3	6.3	4.8	4.8	3	3											
						7.7	0.3	146	25.5	25.5	8.3	8.3	32.6	32.6	90.8	90.8	6.2	6.2	7.6	7.6	4	4											
						7.7	0.3	156	25.5	25.5	8.3	8.3	32.6	32.6	90.8	90.8	6.2	6.2	7.6	7.6	4	4											
					SR4A	Fine	Calm	10:36	9.0	Surface	1.0	0.1	62	25.5	25.5	8.0	8.0	33.3	33.3	97.6	97.6	6.6	6.6	4.5	4.5	6	6				5	817177	807827
											1.0	0.1	65	25.5	25.5	8.0	8.0	33.3	33.3	97.6	97.6	6.6	6.6	4.6	4.6	6	6						
											4.5	0.1	70	25.5	25.5	8.0	8.0	33.4	33.4	97.9	98.0	6.6	6.6	5.2	5.2	6	6						
Middle	4.5	0.1	70	25.5						25.5	8.0	8.0	33.3	33.3	98.0	98.0	6.7	6.7	5.1	5.1	5	5											
	8.0	0.1	63	25.5						25.5	8.0	8.0	33.3	33.3	99.0	99.1	6.7	6.7	6.6	6.6	3	3											
	8.0	0.1	66	25.5						25.5	8.0	8.0	33.3	33.3	99.1	99.1	6.7	6.7	6.6	6.6	4	4											
SR5A	Fine	Calm	10:18	4.6						Surface	1.0	0.1	314	25.5	25.5	8.0	8.0	32.8	32.8	96.3	96.3	6.5	6.5	6.2	6.2	5	5	6	816588	810706			
											1.0	0.1	314	25.5	25.5	8.0	8.0	32.8	32.8	96.2	96.2	6.5	6.5	6.2	6.2	5	5						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						3.6	0.1	301	25.5	25.5	8.0	8.0	32.8	32.8	96.7	96.9	6.6	6.6	6.4	6.4	7	7											
						3.6	0.1	327	25.4	25.4	8.0	8.0	32.8	32.8	97.0	97.0	6.6	6.6	6.3	6.3	7	7											
					SR6A	Fine	Calm	09:19	4.8	Surface	1.0	0.0	148	25.4	25.4	7.9	7.9	32.4	32.4	96.6	96.7	6.6	6.6	5.8	5.8	5	5				6	817949	814751
											1.0	0.0	157	25.4	25.4	7.9	7.9	32.4	32.4	96.7	96.7	6.6	6.6	5.8	5.8	5	5						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-											
	3.8	0.0	152	25.4						25.4	7.9	7.9	32.3	32.3	97.7	97.9	6.7	6.7	6.2	6.2	6	6											
	3.8	0.0	155	25.4						25.4	7.9	7.9	32.3	32.3	98.0	98.0	6.7	6.7	6.3	6.3	6	6											
SR7	Cloudy	Moderate	09:12	15.8						Surface	1.0	0.4	21	26.1	26.1	8.2	8.2	32.6	32.6	79.9	79.9	5.4	5.4	1.6	1.6	4	4	3	823619	823727			
											1.0	0.4	22	26.1	26.1	8.2	8.2	32.6	32.6	79.9	79.9	5.4	5.4	1.6	1.6	4	4						
											7.9	0.4	47	26.1	26.1	8.2	8.2	32.6	32.6	79.4	79.4	5.4	5.4	2.5	2.5	3	3						
					Middle	7.9	0.4	47	26.1	26.1	8.2	8.2	32.6	32.6	79.4	79.4	5.4	5.4	2.5	2.5	3	3											
						14.8	0.3	38	26.1	26.1	8.1	8.1	32.7	32.7	79.5	79.6	5.4	5.4	3.2	3.2	3	3											
						14.8	0.3	41	26.1	26.1	8.1	8.1	32.7	32.7	79.6	79.6	5.4	5.4	3.2	3.2	3	3											
					SR8	Fine	Moderate	11:04	5.0	Surface	1.0	-	-	25.8	25.8	8.2	8.2	32.0	32.0	90.4	90.4	6.1	6.1	5.9	5.9	5	5				4	820375	811614
											1.0	-	-	25.8																			

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

Water Quality Monitoring Results on 02 November 21 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	Fine	Calm	16:46	8.0	Surface	1.0	0.4	32	25.7	25.7	8.1	8.1	33.1	33.1	102.8	102.9	7.0	7.0	6.8	7.5	6	7	815609	804258
						1.0	0.4	34	25.7		8.1	8.1	33.1	33.1	102.9	7.0	6.8							
						4.0	0.4	30	25.8		8.1	8.1	33.1	33.1	103.3	103.4	7.0		7.2					
					Middle	4.0	0.4	32	25.8	25.8	8.1	8.1	33.1	33.1	103.3	103.4	7.0	7.1						
						7.0	0.4	25	25.8		8.1	8.1	33.1	33.1	104.0	104.1	7.0	8.6						
						7.0	0.4	25	25.8		8.1	8.1	33.1	33.1	104.2	104.1	7.0	8.7						
C2	Fine	Moderate	15:45	11.6	Surface	1.0	0.4	34	25.9	25.9	8.4	8.4	31.1	31.1	94.8	94.8	6.5	6.4	3.0	6.5	7	6	825683	806932
						1.0	0.4	36	25.9		8.4	8.4	31.1	31.1	94.7	6.5	3.1							
						5.8	0.4	36	25.7		8.4	8.4	31.4	31.4	91.0	6.2	6.3							
					Middle	5.8	0.4	39	25.7	25.7	8.4	8.4	31.4	31.4	91.1	6.2	6.3							
						10.6	0.4	41	25.7		8.4	8.4	31.5	31.5	90.5	6.2	10.0							
						10.6	0.4	44	25.7		8.4	8.4	31.5	31.5	90.5	6.2	10.1							
C3	Cloudy	Moderate	17:58	10.3	Surface	1.0	0.3	222	25.8	25.8	8.2	8.2	32.2	32.2	87.4	87.4	5.9	5.9	1.5	4.2	4	4	822118	817785
						1.0	0.3	241	25.8		8.2	8.2	32.2	32.2	87.3	5.9	1.5							
						5.2	0.3	225	25.9		8.2	8.2	32.3	32.3	85.3	5.8	3.7							
					Middle	5.2	0.3	234	25.9	25.9	8.2	8.2	32.3	32.3	85.3	5.8	3.9							
						9.3	0.4	207	25.9		8.1	8.1	32.3	32.3	85.5	5.8	7.0							
						9.3	0.4	217	25.9		8.1	8.1	32.3	32.3	85.5	5.8	7.3							
IM1	Fine	Calm	16:29	4.2	Surface	1.0	0.2	8	25.7	25.7	8.1	8.1	32.3	32.3	101.4	101.4	6.9	6.9	6.2	6.8	8	7	817953	807148
						1.0	0.3	8	25.7		8.1	8.1	32.3	32.3	101.4	6.9	6.1							
						-	-	-	-		-	-	-	-	-	-	-							
					Middle	-	-	-	-	25.7	-	-	-	-	-	-	-	-						
						3.2	0.1	354	25.7		8.1	8.1	32.3	32.3	101.4	101.4	6.9	7.5						
						3.2	0.1	326	25.7		8.1	8.1	32.3	32.3	101.4	6.9	7.4							
IM2	Fine	Calm	16:22	6.2	Surface	1.0	0.5	340	25.7	25.7	8.1	8.1	32.4	32.4	101.3	101.4	6.9	6.9	5.9	6.5	8	9	818178	806169
						1.0	0.5	352	25.7		8.1	8.1	32.4	32.4	101.4	6.9	6.0							
						3.1	0.5	342	25.7		8.1	8.1	32.4	32.4	101.5	6.9	6.4							
					Middle	3.1	0.5	349	25.7	25.7	8.1	8.1	32.4	32.4	101.6	6.9	6.3							
						5.2	0.4	345	25.7		8.1	8.1	32.4	32.4	101.7	6.9	7.1							
						5.2	0.4	348	25.7		8.1	8.1	32.4	32.4	101.7	6.9	7.0							
IM3	Fine	Calm	16:13	6.4	Surface	1.0	0.3	305	25.7	25.7	8.1	8.1	32.4	32.4	102.4	102.5	7.0	7.0	5.2	6.5	10	9	818804	805616
						1.0	0.3	324	25.7		8.1	8.1	32.4	32.4	102.5	7.0	5.2							
						3.2	0.3	310	25.7		8.1	8.1	32.4	32.4	103.4	7.0	6.7							
					Middle	3.2	0.3	333	25.7	25.7	8.1	8.1	32.4	32.4	103.5	7.0	6.7							
						5.4	0.4	304	25.7		8.1	8.1	32.4	32.4	104.3	7.1	7.6							
						5.4	0.4	332	25.7		8.1	8.1	32.4	32.4	104.5	7.1	7.6							
IM4	Fine	Calm	16:04	8.0	Surface	1.0	0.4	355	25.7	25.7	8.0	8.0	32.3	32.3	100.4	100.4	6.8	6.8	6.1	7.4	8	7	819712	804597
						1.0	0.4	327	25.7		8.0	8.0	32.3	32.3	100.4	6.8	6.1							
						4.0	0.3	329	25.7		8.0	8.0	32.3	32.3	100.6	6.8	7.2							
					Middle	4.0	0.4	357	25.7	25.7	8.0	8.0	32.3	32.3	100.6	6.8	7.1							
						7.0	0.3	324	25.7		8.0	8.0	32.3	32.3	100.7	6.8	8.8							
						7.0	0.3	355	25.7		8.0	8.0	32.2	32.3	100.7	6.8	8.9							
IM5	Fine	Calm	15:56	7.6	Surface	1.0	0.4	333	25.7	25.7	8.0	8.0	32.3	32.3	100.6	100.6	6.8	6.9	7.2	8.3	8	8	820747	804864
						1.0	0.4	333	25.7		8.0	8.0	32.3	32.3	100.6	6.8	7.1							
						3.8	0.4	335	25.7		8.0	8.0	32.3	32.3	100.8	6.9	8.6							
					Middle	3.8	0.4	340	25.7	25.7	8.0	8.0	32.3	32.3	100.9	6.9	8.5							
						6.6	0.4	336	25.7		8.0	8.0	32.3	32.3	101.4	6.9	9.0							
						6.6	0.4	309	25.7		8.0	8.0	32.3	32.3	101.5	6.9	9.1							
IM6	Fine	Calm	15:47	6.6	Surface	1.0	0.5	357	25.7	25.7	8.0	8.0	32.3	32.3	102.7	102.8	7.0	7.0	7.1	8.2	7	7	821042	805830
						1.0	0.5	328	25.7		8.0	8.0	32.3	32.3	102.7	7.0	7.2							
						3.3	0.5	325	25.7		8.0	8.0	32.3	32.3	103.4	7.0	8.2							
					Middle	3.3	0.5	345	25.7	25.7	8.0	8.0	32.3	32.3	103.6	7.0	8.3							
						5.6	0.5	326	25.7		8.0	8.0	32.3	32.3	111.4	112.2	7.6	9.1						
						5.6	0.5	335	25.7		8.0	8.0	32.3	32.3	113.0	7.7	9.2							
IM7	Fine	Calm	15:42	7.4	Surface	1.0	0.5	346	25.7	25.7	8.1	8.1	32.3	32.3	102.1	102.2	6.9	7.0	6.0	6.8	5	5	821355	806844
						1.0	0.5	318	25.7		8.1	8.1	32.3	32.3	102.2	6.9	6.1							
						3.7	0.5	350	25.7		8.1	8.1	32.3	32.3	102.3	7.0	7.1							
					Middle	3.7	0.6	322	25.7	25.7	8.1	8.1	32.3	32.3	102.4	7.0	7.1							
						6.4	0.4	355	25.7		8.1	8.1	32.3	32.3	102.6	7.0	7.1							
						6.4	0.5	356	25.7		8.1	8.1	32.3	32.3	102.7	7.0	7.2							
IM8	Fine	Moderate	16:09	7.2	Surface	1.0	0.3	237	25.9	25.9	8.3	8.3	31.8	31.8	93.3	93.3	6.3	6.4	3.1	4.4	5	6	821807	808141
						1.0	0.3	250	25.9		8.3	8.3	31.8	31.8	93.3	6.4	3.0							
						3.6	0.3	240	25.8		8.3	8.3	31.9	31.9	93.7	6.4	4.2							
					Middle	3.6	0.3	260	25.8	25.8	8.3	8.3	31.9	31.9	93.7	6.4	4.4							
						6.2	0.4	221	25.8		8.3	8.3	31.9	31.9	94.3	6.4	5.9							
						6.2	0.4	237	25.8		8.3	8.3	31.9	31.9	94.4	6.4	5.9							

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 02 November 21 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										
IM9	Fine	Moderate	16:16	6.9	Surface	1.0	0.2	222	26.1	26.1	8.3	8.3	31.7	31.7	96.1	96.1	6.5	6.5	1.4	2.2	4	4	822079	808804								
						1.0	0.2	239	26.1		8.3	31.7	96.1	6.5	1.4																	
						3.5	0.2	219	25.9		8.3	8.3	31.7	31.7	94.1	94.1	6.4		1.8													
					Middle	3.5	0.2	225	25.9	25.9	8.3	8.3	31.7	31.7	94.1	94.1	6.4	1.9														
						5.9	0.3	222	25.8	25.8	8.3	8.3	31.9	31.9	92.7	92.7	6.3	3.3														
						5.9	0.3	239	25.8	25.8	8.3	8.3	31.9	31.9	92.7	92.7	6.3	3.3														
					IM10	Fine	Moderate	16:24	6.7	Surface	1.0	0.2	216	26.0	26.0	8.3	8.3	31.8	31.8	97.5	97.5				6.6	6.5	1.6	2.7	3	3	822382	809797
											1.0	0.2	226	26.0		8.3	31.8	97.5	6.6	1.7												
											3.4	0.2	219	25.9		8.3	8.3	32.0	32.0	92.2	92.2				6.3		2.7					
Middle	3.4	0.2	219	25.9						25.9	8.3	8.3	32.0	32.0	92.2	92.2	6.3	2.7														
	5.7	0.3	231	25.8						25.8	8.2	8.2	32.0	32.0	92.5	92.5	6.3	3.7														
	5.7	0.3	234	25.8						25.8	8.2	8.2	32.0	32.0	92.5	92.5	6.3	3.8														
IM11	Fine	Moderate	16:36	8.7						Surface	1.0	0.4	220	26.0	26.0	8.3	8.3	32.0	32.0	96.3	96.3	6.5	6.5	1.6	3.0	3	3	822070	811458			
											1.0	0.4	222	26.0		8.3	32.0	96.2	6.5	1.6												
											4.4	0.3	231	25.8		8.3	8.3	32.1	32.1	93.7	93.7	6.4		2.8								
					Middle	4.4	0.3	250	25.8	25.8	8.3	8.3	32.1	32.1	93.6	93.6	6.4	2.8														
						7.7	0.4	214	25.7	25.7	8.3	8.3	32.2	32.2	92.7	92.7	6.3	4.6														
						7.7	0.4	234	25.7	25.7	8.3	8.3	32.2	32.2	92.7	92.7	6.3	4.4														
					IM12	Fine	Moderate	16:44	8.8	Surface	1.0	0.4	247	25.8	25.8	8.2	8.2	32.1	32.1	95.3	95.3	6.5	6.4	2.3	4.5	3				4	821447	812030
											1.0	0.4	248	25.8		8.2	32.1	95.3	6.5	2.2												
											4.4	0.3	244	25.7		25.7	8.3	8.3	32.2	32.2	92.2	92.2		6.3		3.9						
Middle	4.4	0.3	248	25.7						25.7	8.3	8.3	32.2	32.2	92.2	92.2	6.3	4.0														
	7.8	0.3	245	25.7						25.7	8.3	8.3	32.2	32.2	93.1	93.1	6.3	7.5														
	7.8	0.3	267	25.7						25.7	8.3	8.3	32.2	32.2	93.2	93.2	6.3	7.2														
SR1A	Fine	Calm	17:19	4.8						Surface	1.0	-	-	26.0	26.0	8.3	8.3	31.9	31.9	92.3	92.4	6.3	6.3	3.0	5.7	6	5	819978	812661			
											1.0	-	-	26.0		8.3	31.9	92.4	6.3	3.1												
											2.4	-	-	-		-	-	-	-	-	-	-		-								
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-															
						3.8	-	-	25.9	25.9	8.3	8.3	32.0	32.0	92.8	92.9	6.3	8.4														
						3.8	-	-	25.9	25.9	8.3	8.3	32.0	32.0	92.9	92.9	6.3	8.3														
					SR2	Fine	Moderate	17:35	4.4	Surface	1.0	0.2	200	25.8	25.8	8.2	8.2	32.1	32.1	92.7	92.7	6.3	6.3	6.5	8.5	8				10	821473	814144
											1.0	0.2	218	25.8		8.2	32.1	92.7	6.3	6.6												
											-	-	-	-		-	-	-	-	-	-	-										
Middle	-	-	-	-						-	-	-	-	-	-	-	-															
	-	-	-	-						-	-	-	-	-	-	-	-															
	3.4	0.2	211	25.8						25.8	8.2	8.2	32.1	32.1	92.9	92.9	6.3	10.6														
Bottom	3.4	0.2	217	25.8						25.8	8.2	8.2	32.1	32.1	92.9	92.9	6.3	10.4														
	-	-	-	-						-	-	-	-	-	-	-	-															
	-	-	-	-						-	-	-	-	-	-	-	-															
SR3	Fine	Moderate	16:03	8.3	Surface	1.0	0.1	44	25.9	25.9	8.4	8.4	31.3	31.3	95.0	95.0	6.5	6.4	2.3	5.2	5	5	822125	807558								
						1.0	0.1	45	25.9		8.4	31.3	94.9	6.5	2.4																	
						4.2	0.2	37	25.8		25.8	8.4	8.4	31.7	31.7	91.8	91.8		6.3		4.4											
					Middle	4.2	0.2	39	25.8	25.8	8.4	8.4	31.7	31.7	91.8	91.8	6.3	4.6														
						7.3	0.1	37	25.8	25.8	8.4	8.4	31.7	31.7	91.7	91.8	6.2	8.7														
						7.3	0.1	40	25.8	25.8	8.4	8.4	31.7	31.7	91.8	91.8	6.2	8.5														
					SR4A	Fine	Calm	17:09	7.6	Surface	1.0	0.1	208	25.7	25.7	8.1	8.1	33.2	33.2	101.9	101.9				6.9	6.9	6.1	7.3	9	9	817199	807800
											1.0	0.1	222	25.7		8.1	33.2	101.9	6.9	6.0												
											3.8	0.1	219	25.7		25.7	8.1	8.1	33.2	33.2	102.0				102.1		6.9		7.6			
Middle	3.8	0.1	227	25.7						25.7	8.1	8.1	33.2	33.2	102.1	102.1	6.9	7.5														
	6.6	0.0	223	25.8						25.8	8.1	8.1	33.2	33.2	102.3	102.4	6.9	8.4														
	6.6	0.0	223	25.8						25.8	8.1	8.1	33.2	33.2	102.4	102.4	6.9	8.4														
SR5A	Fine	Calm	17:26	4.8						Surface	1.0	0.1	323	25.7	25.7	8.1	8.1	33.0	33.0	104.3	104.4	7.1	7.1	8.2	8.8	8	8	816571	810679			
											1.0	0.1	339	25.7		8.1	33.0	104.5	7.1	8.1												
											-	-	-	-		-	-	-	-	-	-	-										
					Middle	-	-	-	-	-	-	-	-	-	-	-	-															
						-	-	-	-	-	-	-	-	-	-	-	-															
						3.8	0.1	302	25.7	25.7	8.1	8.1	33.0	33.0	106.0	106.3	7.2	9.5														
					Bottom	3.8	0.1	323	25.7	25.7	8.1	8.1	33.0	33.0	106.5	106.5	7.2	9.4														
						-	-	-	-	-	-	-	-	-	-	-	-															
						-	-	-	-	-	-	-	-	-	-	-	-															
SR6A	Fine	Calm	17:48	4.2	Surface	1.0	0.1	255	25.7	25.7	8.1	8.1	32.9	32.9	101.6	101.7	6.9	6.9	6.4	6.7	7	8	817983	814749								
						1.0	0.1	279	25.7		8.1	32.9	101.7	6.9	6.4																	
						-	-	-	-		-	-	-	-	-	-	-															
					Middle	-	-	-	-	-	-	-	-	-	-	-	-															
						-	-	-	-	-	-	-	-	-	-	-	-															
						3.2	0.1	256	25.7	25.7	8.1	8.1	32.9	32.9	102.0	102.1	6.9	7.0														
					Bottom	3.2	0.1	258	25.7	25.7	8.1	8.1	32.8	32.8	102.1	102.1	6.9	7.0														
						-	-	-	-	-	-	-	-	-	-	-	-															
						-	-	-	-	-	-	-	-	-	-	-	-															
SR7	Cloudy	Moderate	18:34	16.0	Surface	1.0	0.4	189	26.1	26.1	8.1	8.1	32.5	32.5	83.8	83.8	5.7	5.7	2.5	3.8	12	9	823653	823763								
						1.0	0.4	206	26.1		8.1	32.5	83.8	5.7	2.6																	
						8.0	0.4	199	26.1		26.1	8.1	8.1	32.6	32.6	83.3	83.3		5.6		3.8											
					Middle	8.0	0.4	204	26.1	26.1	8.1	8.1	32.6	32.6	83.3	83.3	5.6	3.9														
						15.0	0.4	180	26.1	26.1	8.0	8.0	32.5	32.5	84.4	84.4	5.7	4.8														
						15.0	0.4	180	26.1	26.1	8.0	8.0	32.5	32.5	84.4	84.4	5.7	4.9														
					SR8	Fine	Moderate	16:52	4.9	Surface	1.0	-	-	25.9	25.9	8.2	8.2	32.0	32.0	94.3	94.3				6.4	6.4	4.3	4.4	4	6	820385	811623
											1.0	-	-	25.9		8.2	32.0	94.3	6.4	4.3												
											-	-	-	-		-	-	-	-	-	-				-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-															
	-	-	-	-						-	-	-	-	-	-	-	-															
	3.9	-	-	25.8						25.8	8.2	8.2	32.1	32.1	94.5	94.6	6.4	4.6														
Bottom	3.9	-	-	25.8						25.8	8.2	8.2	32.1	32.1	94.5	94.6	6.4	4.6														
	-	-	-	-						-	-	-	-	-	-	-	-															
	3.9	-	-	25.8						25.8	8.2	8.2	32.1	32.1	94.6	94.6	6.4	4.5														

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 November 21 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		
IM9	Fine	Moderate	12:31	7.6	Surface	1.0	0.3	75	25.7	25.7	7.7	7.7	31.4	31.4	91.5	91.5	6.3	6.3	3.1	4.2	7	6	822097	808807
						1.0	0.3	75	25.7		7.7	7.7	31.4	31.4	91.5	91.5	6.3		3.0					
						3.8	0.3	78	25.7		7.7	7.7	31.7	31.7	92.3	92.5	6.3		4.1					
					Middle	3.8	0.4	78	25.7	7.7	7.7	31.7	31.7	92.6	92.5	6.3	4.0							
						6.6	0.3	74	25.4	7.8	7.8	31.9	31.9	94.4	94.5	6.5	5.6							
						6.6	0.3	74	25.4	7.8	7.8	31.9	31.9	94.6	94.5	6.5	5.5							
IM10	Fine	Moderate	12:25	9.0	Surface	1.0	0.4	95	25.7	25.7	7.7	7.7	32.2	32.2	91.1	91.1	6.2	6.3	5.1	6.3	8	6	822403	809813
						1.0	0.4	98	25.7		7.7	7.7	32.2	32.2	91.1	91.1	6.2		5.0					
						4.5	0.4	92	25.7		7.7	7.7	32.2	32.2	92.7	92.8	6.3		6.2					
					Middle	4.5	0.4	96	25.7	7.7	7.7	32.2	32.2	92.9	92.8	6.3	6.3							
						8.0	0.2	90	25.4	7.7	7.7	32.4	32.4	94.2	94.4	6.4	7.7							
						8.0	0.2	90	25.3	7.7	7.7	32.4	32.4	94.5	94.4	6.5	7.7							
IM11	Fine	Moderate	12:17	8.2	Surface	1.0	0.2	84	25.7	25.7	7.6	7.6	32.1	32.1	91.0	91.0	6.2	6.2	4.0	5.2	6	6	822038	811441
						1.0	0.2	91	25.7		7.6	7.6	32.1	32.1	91.0	91.0	6.2		4.1					
						4.1	0.1	84	25.7		7.6	7.6	32.1	32.1	91.7	91.8	6.2		5.2					
					Middle	4.1	0.2	86	25.7	7.7	7.6	32.1	32.1	91.9	91.8	6.3	5.1							
						7.2	0.1	90	25.7	7.7	7.7	32.1	32.1	94.3	94.5	6.4	6.3							
						7.2	0.1	97	25.7	7.7	7.7	32.1	32.1	94.6	94.5	6.4	6.3							
IM12	Fine	Moderate	12:12	9.4	Surface	1.0	0.2	143	25.7	25.7	7.6	7.6	32.1	32.1	90.9	90.9	6.2	6.2	7.1	8.2	6	6	821459	812065
						1.0	0.2	146	25.7		7.6	7.6	32.1	32.1	90.9	90.9	6.2		7.1					
						4.7	0.1	117	25.7		7.6	7.6	32.1	32.1	91.4	91.5	6.2		8.2					
					Middle	4.7	0.2	128	25.7	7.6	7.6	32.1	32.1	91.6	91.5	6.2	8.2							
						8.4	0.2	147	25.7	7.6	7.6	32.1	32.1	94.0	94.1	6.4	9.3							
						8.4	0.2	156	25.7	7.7	7.6	32.1	32.1	94.2	94.1	6.4	9.3							
SR1A	Fine	Moderate	11:45	5.0	Surface	1.0	-	-	25.6	25.6	7.7	7.7	32.2	32.2	88.9	88.9	6.1	6.1	2.6	3.3	5	6	819980	812654
						1.0	-	-	25.6		7.7	7.7	32.2	32.2	88.9	88.9	6.1		2.7					
						2.5	-	-	-		-	-	-	-	-	-	-		-		-			
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-						
						4.0	-	-	25.6	7.7	7.7	32.2	32.2	89.6	89.7	6.1	4.0							
						4.0	-	-	25.6	7.7	7.7	32.2	32.2	89.8	89.7	6.1	4.0							
SR2	Fine	Moderate	11:31	5.0	Surface	1.0	0.3	82	25.9	25.9	7.7	7.7	32.0	32.0	91.2	91.2	6.2	6.2	1.6	2.1	6	5	821458	814181
						1.0	0.3	89	25.9		7.7	7.7	32.0	32.0	91.1	91.1	6.2		1.6					
						-	-	-	-		-	-	-	-	-	-	-		-		-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-						
						4.0	0.2	72	25.9	7.7	7.7	32.0	32.0	91.1	91.1	6.2	2.6							
						4.0	0.2	76	25.9	7.7	7.7	32.0	32.0	91.1	91.1	6.2	2.6							
SR3	Fine	Moderate	12:40	9.2	Surface	1.0	0.4	150	25.8	25.8	7.7	7.7	31.1	31.1	92.3	92.4	6.3	6.4	1.8	2.7	4	5	822168	807577
						1.0	0.4	160	25.8		7.7	7.7	31.1	31.1	92.4	92.4	6.3		1.6					
						4.6	0.3	129	25.7		7.8	7.8	31.2	31.2	94.1	94.2	6.4		2.8					
					Middle	4.6	0.3	130	25.6	7.8	7.8	31.3	31.3	94.2	94.2	6.5	2.9							
						8.2	0.3	104	25.4	7.9	7.9	31.4	31.4	94.7	94.8	6.5	3.6							
						8.2	0.3	113	25.4	7.9	7.9	31.4	31.4	94.8	94.8	6.5	3.6							
SR4A	Fine	Moderate	11:30	8.8	Surface	1.0	0.3	66	25.2	25.2	8.2	8.2	32.0	32.0	91.4	91.4	6.3	6.3	8.4	6.2	4	5	817201	807806
						1.0	0.3	71	25.2		8.2	8.2	32.0	32.0	91.4	91.4	6.3		8.4					
						4.4	0.3	73	25.1		8.2	8.2	32.0	32.0	91.5	91.5	6.3		6.1					
					Middle	4.4	0.3	77	25.1	8.2	8.2	32.0	32.0	91.5	91.5	6.3	6.1							
						7.8	0.2	64	25.1	8.2	8.2	32.0	31.9	91.8	91.8	6.3	4.0							
						7.8	0.2	64	25.2	8.2	8.2	31.9	31.9	91.8	91.8	6.3	4.0							
SR5A	Fine	Moderate	11:13	5.2	Surface	1.0	0.0	11	25.3	25.3	8.1	8.1	31.8	31.8	89.2	89.3	6.2	6.2	2.2	3.1	8	8	816569	810685
						1.0	0.0	11	25.3		8.1	8.1	31.8	31.8	89.3	89.3	6.2		2.5					
						-	-	-	-		-	-	-	-	-	-	-		-		-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-						
						4.2	0.1	2	25.2	8.1	8.1	31.8	31.8	90.4	90.5	6.2	3.9							
						4.2	0.1	2	25.2	8.1	8.1	31.8	31.8	90.6	90.6	6.3	3.9							
SR6A	Fine	Moderate	10:44	4.7	Surface	1.0	0.1	53	25.1	25.1	8.1	8.1	31.2	31.2	86.9	86.9	6.0	6.0	4.8	4.9	7	7	817941	814751
						1.0	0.1	57	25.1		8.1	8.1	31.2	31.2	86.9	86.9	6.0		4.9					
						-	-	-	-		-	-	-	-	-	-	-		-		-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-						
						3.7	0.0	70	24.9	8.1	8.1	31.4	31.4	87.0	87.0	6.0	4.8							
						3.7	0.0	73	25.0	8.1	8.1	31.4	31.4	87.0	87.0	6.0	5.2							
SR7	Fine	Moderate	10:45	16.0	Surface	1.0	0.5	64	25.7	25.7	7.7	7.7	32.1	32.1	91.1	91.2	6.2	6.2	2.5	3.4	4	5	823619	823735
						1.0	0.5	64	25.7		7.7	7.7	32.1	32.1	91.2	91.2	6.2		2.6					
						8.0	0.4	49	25.8		7.7	7.7	32.1	32.1	91.9	92.0	6.2		3.5					
					Middle	8.0	0.4	50	25.8	7.7	7.7	32.1	32.1	92.0	92.0	6.3	3.5							
						15.0	0.3	33	25.8	7.7	7.7	32.1	32.1	92.6	92.7	6.3	4.1							
						15.0	0.3	34	25.8	7.7	7.7	32.1	32.1	92.8	92.8	6.3	4.2							
SR8	Fine	Moderate	12:05	5.0	Surface	1.0	-	-	25.9	25.9	7.7	7.7	32.0	32.0	91.1	91.1	6.2	6.2	5.4	5.9	4	5	820410	811602
						1.0	-	-	25.9		7.7	7.7	32.0	32.0	91.1	91.1	6.2		5.4					
						-	-	-	-		-	-	-	-	-	-	-		-		-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-						
						4.0	-	-	26.0	7.7	7.7	31.9	31.9	91.4	91.4	6.2	6.5							
						4.0	-	-	26.0	7.7	7.7	31.9	31.9	91.4	91.4	6.2	6.5							

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough: While 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 November 21 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	Misty	Moderate	17:47	7.8	Surface	1.0	0.5	41	25.0	25.0	8.2	8.2	32.4	32.4	97.4	97.3	6.7	6.7	7.6	8.9	9	9	815597	804258								
						1.0	0.5	44	25.0		8.2	8.2	32.4	32.4	97.1	6.7	7.5															
						3.9	0.5	34	25.0		8.2	8.2	32.4	32.4	95.6	6.6	12.5															
					Middle	3.9	0.5	35	25.0	8.2	8.2	32.4	32.4	95.8	6.6	12.0																
						6.8	0.5	34	25.0	8.2	8.2	32.3	32.3	97.0	6.7	7.2																
						6.8	0.5	36	25.0	8.2	8.2	32.3	32.3	97.1	6.7	6.8																
					C2	Misty	Rough	16:41	12.4	Surface	1.0	0.4	342	25.8	25.8	8.0	8.0	31.2	31.2	92.0	92.0				6.3	6.3	4.3	5.4	4	5	825673	806949
											1.0	0.4	315	25.8		8.0	8.0	31.3	31.3	92.0	6.3				4.4							
											6.2	0.4	337	25.8		8.0	8.0	31.3	31.3	92.4	6.3				5.3							
Middle	6.2	0.4	339	25.8						8.0	8.0	31.2	31.2	92.4	6.3	5.4																
	11.4	0.3	341	25.9						8.0	8.0	31.2	31.2	92.7	6.3	6.7																
	11.4	0.3	357	25.9						8.0	8.0	31.1	31.1	92.8	6.3	6.6																
C3	Misty	Rough	18:43	12.0						Surface	1.0	0.4	264	26.1	26.1	8.0	8.0	32.3	32.2	92.5	92.5	6.3	6.3	4.3	4.0	7	7	822123	817810			
											1.0	0.5	289	26.1		8.0	8.0	32.2	32.2	92.5	6.2	4.3										
											6.0	0.4	267	26.6		8.0	8.0	31.9	31.9	93.7	6.3	5.6										
					Middle	6.0	0.5	274	26.6	8.0	8.0	31.9	31.9	94.0	6.3	5.7																
						11.0	0.5	272	26.8	8.0	8.0	31.7	31.7	95.1	6.4	2.0																
						11.0	0.5	283	26.9	8.0	8.0	31.7	31.7	96.1	6.4	1.9																
					IM1	Misty	Moderate	17:25	5.1	Surface	1.0	0.1	66	25.0	25.0	8.1	8.1	32.0	32.0	95.4	95.4	6.6	6.6	7.4	9.1	5				5	817964	807113
											1.0	0.1	70	25.0		8.1	8.1	32.0	32.0	95.4	6.6	7.4										
											-	-	-	-		-	-	-	-	-	-	-										
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	4.1	0.2	40	25.0						8.1	8.1	32.1	32.1	94.6	94.8	6.5	6.5	10.8														
	4.1	0.2	41	25.0						8.1	8.1	32.1	32.1	94.9	94.8	6.5	6.5	10.8														
IM2	Misty	Moderate	17:17	6.8						Surface	1.0	0.2	6	25.1	25.1	8.1	8.1	31.9	31.9	94.6	94.7	6.5	6.6	9.7	9.8	11	10	818143	806164			
											1.0	0.3	6	25.1		8.1	8.1	31.9	31.9	94.7	6.5	9.9										
											3.4	0.2	351	25.1		8.1	8.1	31.9	31.9	96.2	6.6	10.4										
					Middle	3.4	0.3	359	25.1	8.1	8.1	31.9	31.9	96.3	6.6	10.3																
						5.8	0.2	5	25.1	8.1	8.1	31.9	31.9	101.3	7.0	9.3																
						5.8	0.2	5	25.1	8.1	8.1	31.9	31.9	101.7	7.0	9.3																
					IM3	Misty	Moderate	17:08	6.5	Surface	1.0	0.3	335	25.1	25.1	8.1	8.1	31.9	31.9	94.9	94.9	6.5	6.5	6.8	8.7	9				10	818773	805617
											1.0	0.3	344	25.1		8.1	8.1	31.9	31.9	94.9	6.5	6.9										
											3.3	0.2	348	25.1		8.1	8.1	32.0	32.0	95.2	6.5	9.2										
Middle	3.3	0.2	320	25.1						8.1	8.1	32.0	32.0	95.2	6.5	9.6																
	5.5	0.3	337	25.1						8.1	8.1	32.0	32.0	98.0	6.7	10.1																
	5.5	0.3	349	25.1						8.1	8.1	32.0	32.0	98.7	6.8	9.8																
IM4	Misty	Moderate	16:58	7.1						Surface	1.0	0.4	6	25.1	25.1	8.2	8.2	32.0	32.0	94.5	94.5	6.5	6.5	4.8	5.3	12	12	819725	804607			
											1.0	0.5	6	25.1		8.2	8.2	32.0	32.0	94.5	6.5	4.7										
											3.6	0.5	352	25.1		8.1	8.1	32.0	32.0	95.0	6.5	5.0										
					Middle	3.6	0.5	324	25.1	8.1	8.1	32.0	32.0	95.1	6.5	5.0																
						6.1	0.4	7	25.1	8.1	8.1	32.0	32.0	96.1	6.6	6.1																
						6.1	0.4	7	25.1	8.1	8.1	32.0	32.0	99.0	6.8	6.1																
					IM5	Misty	Moderate	16:52	7.4	Surface	1.0	0.7	10	25.1	25.1	8.1	8.1	31.8	31.8	93.9	93.9	6.5	6.5	6.6	7.5	15				16	820722	804874
											1.0	0.7	10	25.1		8.1	8.1	31.8	31.8	93.9	6.5	6.8										
											3.7	0.5	34	25.1		8.1	8.1	32.0	32.0	93.7	6.5	6.8										
Middle	3.7	0.5	37	25.0						8.1	8.1	32.0	32.0	93.8	6.5	7.1																
	6.4	0.3	29	25.0						8.1	8.1	32.0	32.0	95.8	6.6	9.0																
	6.4	0.4	30	25.0						8.1	8.1	32.0	32.0	96.1	6.6	8.7																
IM6	Misty	Moderate	16:45	6.6						Surface	1.0	0.1	332	25.0	25.0	8.1	8.1	30.8	30.8	93.3	93.3	6.5	6.5	2.7	4.1	4	4	821075	805808			
											1.0	0.1	336	25.0		8.1	8.1	30.8	30.8	93.3	6.5	2.9										
											3.3	0.2	45	25.0		8.1	8.1	31.2	31.1	92.8	6.4	3.5										
					Middle	3.3	0.2	46	25.0	8.1	8.1	31.1	31.1	92.9	6.4	3.4																
						5.6	0.2	61	25.0	8.1	8.1	31.7	31.7	93.2	6.4	6.0																
						5.6	0.2	62	25.0	8.1	8.1	31.7	31.7	93.3	6.4	6.0																
					IM7	Misty	Moderate	16:38	7.7	Surface	1.0	0.1	263	25.0	25.0	8.1	8.1	30.9	30.9	91.8	91.7	6.4	6.3	2.6	4.5	2				3	821367	806853
											1.0	0.1	282	25.0		8.1	8.1	30.9	30.9	91.6	6.3	2.6										
											3.9	0.1	141	25.0		8.1	8.1	31.2	31.2	90.4	6.2	3.8										
Middle	3.9	0.1	150	25.0						8.1	8.1	31.2	31.2	90.4	6.2	3.8																
	6.7	0.2	160	25.0						8.1	8.1	31.7	31.7	90.6	6.3	7.2																
	6.7	0.2	161	25.0						8.1	8.1	31.7	31.7	90.7	6.3	7.1																
IM8	Misty	Rough	17:09	8.0						Surface	1.0	0.1	240	26.0	26.0	7.9	7.9	31.2	31.3	94.9	95.0	6.5	6.5	2.7	4.2	6	6	821816	808148			
											1.0	0.1	242	26.0		7.9	7.9	31.3	31.3	95.0	6.5	2.7										
											4.0	0.0	129	26.0		7.9	7.9	31.3	31.3	95.2	6.5	4.8										
					Middle	4.0	0.0	131	26.0	7.9	7.9	31.3	31.3	95.2	6.5	4.8																
						7.0	0.1	295	26.1	7.9	7.9	31.2	31.1	96.1	6.5	5.0																
						7.0	0.1	317	26.2	7.9	7.9	31.1	31.1	96.5	6.6	5.1																

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 04 November 21 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											
IM9	Misty	Rough	17:24	7.6	Surface	1.0	0.3	230	25.8	25.8	7.9	7.9	31.6	31.6	92.9	92.9	6.3	6.3	6.8	6.8	5	5	6	822077	808811								
						1.0	0.3	242	25.8	7.9	7.9	31.6	31.6	92.8	92.8	6.3	6.3	6.8	6.8	5	5												
						3.8	0.2	252	25.8	25.8	7.9	7.9	31.8	31.8	92.9	92.9	6.3	6.3	7.0	7.0	6	6											
					Middle	3.8	0.2	256	25.8	25.8	7.9	7.9	31.8	31.8	92.9	92.9	6.3	6.3	7.1	7.1	6	6											
						6.6	0.2	216	25.9	25.9	7.9	7.9	31.7	31.6	94.5	94.6	6.4	6.4	8.6	8.6	6	6											
						6.6	0.2	228	25.9	25.9	7.9	7.9	31.6	31.6	94.7	94.7	6.4	6.4	8.5	8.5	7	7											
					IM10	Misty	Rough	17:39	8.6	Surface	1.0	0.5	328	25.8	25.8	7.9	7.9	31.9	31.9	92.8	92.8	6.3				6.3	3.4	3.4	5	5	6	822364	809778
											1.0	0.5	357	25.8	25.8	7.9	7.9	31.9	31.9	92.7	92.7	6.3				6.3	3.3	3.3	5	5			
											4.3	0.5	322	25.8	25.8	7.9	7.9	32.0	32.0	93.6	93.7	6.4				6.4	4.1	4.1	5	5			
Middle	4.3	0.6	325	25.8						25.8	7.9	7.9	32.0	32.0	93.7	93.7	6.4	6.4	4.2	4.2	6	6											
	7.6	0.5	319	26.2						26.3	7.9	7.9	31.7	31.6	95.1	95.3	6.4	6.4	5.6	5.6	7	7											
	7.6	0.5	334	26.3						26.3	7.9	7.9	31.6	31.6	95.5	95.5	6.5	6.5	5.6	5.6	6	6											
IM11	Misty	Rough	17:46	8.8						Surface	1.0	0.6	287	25.9	25.9	7.9	7.9	31.7	31.7	94.2	94.2	6.4	6.4	3.5	3.5	6	6	6	822042	811480			
											1.0	0.6	302	25.9	25.9	7.9	7.9	31.7	31.7	94.2	94.2	6.4	6.4	3.5	3.5	6	6						
											4.4	0.6	291	26.0	26.0	7.9	7.9	31.7	31.7	95.0	95.1	6.4	6.4	4.6	4.6	6	6						
					Middle	4.4	0.6	301	26.0	26.0	7.9	7.9	31.7	31.7	95.1	95.1	6.4	6.4	4.6	4.6	7	7											
						7.8	0.5	296	26.3	26.3	7.9	7.9	31.5	31.4	95.9	96.1	6.5	6.5	5.9	5.9	7	7											
						7.8	0.5	320	26.3	26.3	7.9	7.9	31.4	31.4	96.2	96.2	6.5	6.5	5.8	5.8	6	6											
					IM12	Misty	Rough	17:55	9.9	Surface	1.0	0.6	276	25.9	25.9	7.9	7.9	32.1	32.1	92.5	92.5	6.3	6.3	3.4	3.4	6	6				6	821461	812065
											1.0	0.6	285	25.9	25.9	7.9	7.9	32.1	32.1	92.5	92.5	6.3	6.3	3.3	3.3	6	6						
											5.0	0.6	280	25.9	26.0	7.9	7.9	32.0	32.0	93.6	93.7	6.4	6.4	4.3	4.3	6	6						
Middle	5.0	0.6	288	26.0						26.0	7.9	7.9	31.9	31.9	93.7	93.7	6.4	6.4	4.4	4.4	7	7											
	8.9	0.6	273	26.4						26.5	7.9	7.9	31.7	31.6	95.1	95.3	6.4	6.4	5.3	5.3	7	7											
	8.9	0.6	293	26.5						26.5	7.9	7.9	31.6	31.6	95.4	95.4	6.4	6.4	5.2	5.2	6	6											
SR1A	Misty	Rough	18:17	4.8						Surface	1.0	-	-	26.3	26.3	7.8	7.8	32.0	32.0	94.9	94.9	6.4	6.4	8.8	8.8	6	6	5	819975	812665			
											1.0	-	-	26.3	26.3	7.8	7.8	32.0	32.0	94.9	94.9	6.4	6.4	8.9	8.9	5	5						
											2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						3.8	-	-	26.3	26.3	7.8	7.8	32.0	32.0	95.2	95.3	6.4	6.4	9.0	9.0	5	5											
						3.8	-	-	26.3	26.3	7.8	7.8	32.0	32.0	95.3	95.3	6.4	6.4	9.1	9.1	4	4											
					SR2	Misty	Rough	18:26	4.0	Surface	1.0	0.2	74	26.1	26.2	7.8	7.8	32.0	32.0	95.4	95.5	6.5	6.5	3.3	3.3	5	5				6	821472	814159
											1.0	0.2	78	26.2	26.2	7.8	7.8	31.9	32.0	95.5	95.5	6.5	6.5	3.3	3.3	6	6						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-											
	3.0	0.2	75	26.5						26.6	7.9	7.9	31.7	31.7	96.9	97.3	6.5	6.5	4.2	4.2	5	5											
	3.0	0.2	76	26.6						26.6	7.9	7.9	31.6	31.6	97.6	97.6	6.6	6.6	4.3	4.3	6	6											
SR3	Misty	Rough	16:55	9.4						Surface	1.0	0.1	284	25.8	25.8	8.0	8.0	31.6	31.6	92.2	92.2	6.3	6.3	5.5	5.5	7	7	6	822126	807574			
											1.0	0.1	287	25.8	25.8	8.0	8.0	31.6	31.6	92.1	92.1	6.3	6.3	5.6	5.6	6	6						
											4.7	0.0	295	25.8	25.8	8.0	8.0	31.8	31.7	92.7	92.8	6.3	6.3	6.9	6.9	6	6						
					Middle	4.7	0.0	298	25.8	25.8	8.0	8.0	31.7	31.7	92.8	92.8	6.3	6.3	6.9	6.9	7	7											
						8.4	0.1	351	25.9	26.0	8.0	8.0	31.6	31.6	93.2	93.3	6.3	6.3	7.1	7.1	6	6											
						8.4	0.1	356	26.0	26.0	8.0	8.0	31.6	31.6	93.3	93.3	6.3	6.3	7.0	7.0	6	6											
					SR4A	Misty	Moderate	18:12	8.6	Surface	1.0	0.1	83	25.0	25.0	8.1	8.1	32.0	32.0	95.6	95.6	6.6	6.6	10.5	10.5	8	8				8	817179	807790
											1.0	0.1	83	25.0	25.0	8.1	8.1	32.0	32.0	95.6	95.6	6.6	6.6	10.5	10.5	8	8						
											4.3	0.1	139	25.0	25.0	8.1	8.1	32.0	32.0	96.0	96.1	6.6	6.6	11.8	11.8	8	8						
Middle	4.3	0.1	142	25.0						25.0	8.1	8.1	32.0	32.0	96.1	96.1	6.6	6.6	11.8	11.8	8	8											
	7.6	0.1	136	25.0						25.0	8.1	8.1	32.0	32.0	99.1	99.3	6.8	6.8	6.9	6.9	8	8											
	7.6	0.1	148	25.0						25.0	8.1	8.1	32.0	32.0	99.5	99.5	6.8	6.8	6.8	6.8	7	7											
SR5A	Misty	Moderate	18:36	4.3						Surface	1.0	0.1	277	25.0	25.0	8.1	8.1	31.9	31.9	95.0	95.1	6.5	6.5	10.0	10.0	9	9	9	816570	810710			
											1.0	0.1	283	25.0	25.0	8.1	8.1	31.9	31.9	95.1	95.1	6.5	6.5	10.0	10.0	9	9						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						3.3	0.1	278	25.0	25.0	8.1	8.1	31.9	31.9	96.6	96.9	6.6	6.6	9.3	9.3	9	9											
						3.3	0.1	289	25.0	25.0	8.1	8.1	31.9	31.9	97.1	97.1	6.7	6.7	9.7	9.7	8	8											
					SR6A	Misty	Moderate	19:11	4.6	Surface	1.0	0.1	229	24.8	24.8	8.1	8.1	31.6	31.6	92.6	92.6	6.4	6.4	6.1	6.1	5	5				5	817944	814741
											1.0	0.1	239	24.8	24.8	8.1	8.1	31.6	31.6	92.5	92.5	6.4	6.4	6.1	6.1	5	5						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-											
	3.6	0.1	226	24.8						24.8	8.1	8.1	31.6	31.6	92.9	93.1	6.4	6.4	5.8	5.8	5	5											
	3.6	0.1	243	24.8						24.8	8.1	8.1	31.6	31.6	93.2	93.2	6.5	6.5	5.8	5.8	6	6											
SR7	Misty	Rough	19:10	16.0						Surface	1.0	0.3	13	26.0	26.0	8.0	8.0	32.3	32.3	88.4	88.4	6.0	6.0	1.1	1.1	7	7	7	823612	823745			
											1.0	0.3	13	26.0	26.0	8.0	8.0	32.3	32.3	88.4	88.4	6.0	6.0	1.2	1.2	6	6						
											8.0	0.3	20	26.0	26.0	8.0	8.0	32.3	32.3	89.3	89.5	6.0	6.0	2.0	2.0	7	7						
					Middle	8.0	0.4	21	26.0	26.0	8.0	8.0	32.3	32.3	89.6	89.6	6.1	6.1	2.1	2.1	7	7											
						15.0	0.3	37	26.0	26.1	8.0	8.0	32.3	32.3	91.5	91.6	6.2	6.2	3.9	3.9	7	7											
						15.0	0.3	39	26.1	26.1	8.0	8.0	32.3	32.3	91.7	91.7	6.2	6.2	3.8	3.8	8	8											
					SR8	Misty	Rough	18:07	4.6	Surface	1.0	-	-	26.2	26.3	7.9	7.9	32.0	32.0	96.8	96.9	6.5	6.5	5.2	5.2	7	7				7		

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

Water Quality Monitoring Results on 06 November 21 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	13:28	7.4	Surface	1.0	0.0	247	25.4	25.4	8.1	8.1	29.8	29.8	91.2	91.2	6.3	6.3	3.9	5.5	4	815615	804223		
						1.0	0.0	249	25.4		8.1	8.1	29.8	29.8	91.2	91.2	6.3		3.9						
						3.7	0.1	180	25.4		8.1	8.1	30.4	30.4	90.4	90.4	6.2		5.1						
					Middle	3.7	0.1	188	25.4	25.4	8.1	8.1	30.4	30.4	90.4	90.4	6.2	6.2	5.1	5.5	4	815615	804223		
						6.4	0.1	181	25.4		8.1	8.1	30.9	30.9	89.8	89.8	6.2		7.5						
						6.4	0.1	182	25.4		8.1	8.1	30.9	30.9	89.8	89.8	6.2		7.5						
					Bottom	6.4	0.1	181	25.4	25.4	8.1	8.1	30.9	30.9	89.8	89.8	6.2	6.2	7.5	5.5	4	815615	804223		
						6.4	0.1	182	25.4		8.1	8.1	30.9	30.9	89.8	89.8	6.2		7.5						
						6.4	0.1	182	25.4		8.1	8.1	30.9	30.9	89.8	89.8	6.2		7.5						
C2	Sunny	Moderate	12:15	11.4	Surface	1.0	0.1	315	26.2	26.2	8.0	8.0	30.5	30.6	98.2	98.1	6.7	6.7	6.9	8.0	8	825690	806950		
						1.0	0.1	345	26.2		8.0	8.0	30.6	30.6	98.0	98.0	6.7		7.0						
						5.7	0.2	50	26.1		8.1	8.1	31.2	31.2	97.2	97.2	6.6		7.5						
					Middle	5.7	0.2	54	26.1	26.1	8.1	8.1	31.3	31.3	97.1	97.1	6.6	6.6	7.5	8.0	8	825690	806950		
						10.4	0.4	74	26.0		8.1	8.1	31.8	31.8	97.0	97.0	6.6		9.6						
						10.4	0.4	78	26.0		8.1	8.1	31.8	31.8	97.0	97.0	6.6		9.6						
					Bottom	10.4	0.4	74	26.0	26.0	8.1	8.1	31.8	31.8	97.0	97.0	6.6	6.6	9.6	8.0	8	825690	806950		
						10.4	0.4	78	26.0		8.1	8.1	31.8	31.8	97.0	97.0	6.6		9.6						
						10.4	0.4	78	26.0		8.1	8.1	31.8	31.8	97.0	97.0	6.6		9.6						
C3	Cloudy	Moderate	13:56	11.7	Surface	1.0	0.4	84	26.2	26.2	8.0	8.0	32.2	32.2	96.7	96.8	6.5	6.4	6.1	10.6	7	822104	817795		
						1.0	0.4	91	26.2		8.0	8.0	32.2	32.2	96.9	96.9	6.5		6.1						
						5.9	0.4	105	26.1		8.0	8.0	32.6	32.6	92.3	92.3	6.2		13.7						
					Middle	5.9	0.4	111	26.1	26.1	8.0	8.0	32.6	32.6	92.3	92.3	6.2	6.2	13.8	7	822104	817795			
						10.7	0.2	98	26.1		8.0	8.0	32.6	32.6	92.6	92.7	6.3		12.4						
						10.7	0.2	105	26.1		8.0	8.0	32.5	32.5	92.8	92.8	6.3		11.5						
					Bottom	10.7	0.2	98	26.1	26.1	8.0	8.0	32.6	32.6	92.6	92.7	6.3	6.3	12.4	7	822104	817795			
						10.7	0.2	105	26.1		8.0	8.0	32.5	32.5	92.8	92.8	6.3		11.5						
						10.7	0.2	105	26.1		8.0	8.0	32.5	32.5	92.8	92.8	6.3		11.5						
IM1	Sunny	Moderate	13:08	4.2	Surface	1.0	0.1	184	25.3	25.3	8.1	8.1	31.5	31.5	91.1	91.1	6.3	6.3	3.6	5.1	5	817966	807116		
						1.0	0.1	188	25.3		8.1	8.1	31.5	31.5	91.1	91.1	6.3		3.6						
						-	-	-	-		-	-	-	-	-	-	-		-					-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	817966	807116
						-	-	-	-		-	-	-	-	-	-	-	-	-						
						-	-	-	-		-	-	-	-	-	-	-	-	-						
					Bottom	3.2	0.1	162	25.3	25.3	8.1	8.1	31.6	31.6	90.8	90.8	6.2	6.2	6.5	5	5	817966	807116		
						3.2	0.1	168	25.3		8.1	8.1	31.6	31.6	90.8	90.8	6.2		6.6						
						3.2	0.1	168	25.3		8.1	8.1	31.6	31.6	90.8	90.8	6.2		6.6						
IM2	Sunny	Moderate	12:51	7.3	Surface	1.0	0.1	136	25.4	25.4	8.1	8.1	30.6	30.6	90.6	90.6	6.3	6.3	3.4	4.8	4	818159	806171		
						1.0	0.1	140	25.4		8.1	8.1	30.6	30.6	90.6	90.6	6.3		3.4						
						3.7	0.1	123	25.4		8.1	8.1	30.6	30.6	90.3	90.3	6.2		4.5						
					Middle	3.7	0.1	134	25.4	25.4	8.1	8.1	30.6	30.6	90.3	90.3	6.2	6.2	4.5	4	818159	806171			
						6.3	0.0	195	25.4		8.1	8.1	30.6	30.6	91.2	91.3	6.3		6.5						
						6.3	0.0	209	25.4		8.1	8.1	30.6	30.6	91.3	91.3	6.3		6.6						
					Bottom	6.3	0.0	195	25.4	25.4	8.1	8.1	30.6	30.6	91.2	91.3	6.3	6.3	6.5	4	818159	806171			
						6.3	0.0	209	25.4		8.1	8.1	30.6	30.6	91.3	91.3	6.3		6.6						
						6.3	0.0	209	25.4		8.1	8.1	30.6	30.6	91.3	91.3	6.3		6.6						
IM3	Sunny	Moderate	12:45	8.1	Surface	1.0	0.1	25	25.4	25.4	8.1	8.1	30.4	30.4	91.3	91.3	6.3	6.3	5.1	7.6	4	818796	805610		
						1.0	0.1	26	25.4		8.1	8.1	30.4	30.4	91.2	91.2	6.3		5.1						
						4.1	0.1	30	25.4		8.1	8.1	30.5	30.5	90.9	90.9	6.3		8.2						
					Middle	4.1	0.1	32	25.4	25.4	8.1	8.1	30.5	30.5	90.9	90.9	6.3	6.3	8.2	4	818796	805610			
						7.1	0.1	352	25.4		8.1	8.1	30.6	30.6	90.6	90.6	6.3		9.5						
						7.1	0.1	353	25.4		8.1	8.1	30.6	30.6	90.6	90.6	6.3		9.6						
					Bottom	7.1	0.1	352	25.4	25.4	8.1	8.1	30.6	30.6	90.6	90.6	6.3	6.3	9.5	3	818796	805610			
						7.1	0.1	353	25.4		8.1	8.1	30.6	30.6	90.6	90.6	6.3		9.6						
						7.1	0.1	353	25.4		8.1	8.1	30.6	30.6	90.6	90.6	6.3		9.6						
IM4	Sunny	Moderate	12:38	7.7	Surface	1.0	0.1	16	25.4	25.4	8.1	8.1	30.4	30.4	91.4	91.4	6.3	6.3	3.4	4.7	9	819721	804627		
						1.0	0.1	17	25.4		8.1	8.1	30.4	30.4	91.3	91.3	6.3		3.5						
						3.9	0.1	10	25.4		8.1	8.1	30.5	30.5	90.9	90.9	6.3		4.4						
					Middle	3.9	0.1	10	25.4	25.4	8.1	8.1	30.5	30.5	90.9	90.9	6.3	6.3	4.5	9	819721	804627			
						6.7	0.1	357	25.4		8.1	8.1	30.5	30.5	91.3	91.3	6.3		6.1						
						6.7	0.1	328	25.4		8.1	8.1	30.5	30.5	91.3	91.3	6.3		6.2						
					Bottom	6.7	0.1	357	25.4	25.4	8.1	8.1	30.5	30.5	91.3	91.3	6.3	6.3	6.1	8	819721	804627			
						6.7	0.1	328	25.4		8.1	8.1	30.5	30.5	91.3	91.3	6.3		6.2						
						6.7	0.1	328	25.4		8.1	8.1	30.5	30.5	91.3	91.3	6.3		6.2						
IM5	Sunny	Moderate	12:30	8.0	Surface	1.0	0.2	5	25.4	25.4	8.1	8.1	30.8	30.8	90.7	90.7	6.3	6.3	5.7	5.7	9	820744	804874		
						1.0	0.2	5	25.4		8.1	8.1	30.8	30.8	90.7	90.7	6.3		5.7						
						4.0	0.2	1	25.4		8.1	8.1	30.8	30.8	90.3	90.3	6.2		6.2						
					Middle	4.0	0.2	1	25.4	25.4	8.1	8.1	30.8	30.8	90.3	90.3	6.2	6.2	6.2	9	820744	804874			
						7.0	0.2	340	25.4		8.1	8.1	30.8	30.8	89.8	89.9	6.2		5.0						
						7.0	0.2	342	25.4		8.1	8.1	30.8	30.8	89.9	89.9	6.2		5.0						
					Bottom	7.0	0.2	340	25.4	25.4	8.1	8.1	30.8	30.8	89.8	89.9	6.2	6.2	5.0	9	820744	804874			
						7.0	0.2	342	25.4		8.1	8.1	30.8	30.8	89.9	89.9	6.2		5.0						
						7.0	0.2	342	25.4		8.1	8.1	30.8	30.8	89.9	89.9	6.2		5.0						
IM6	Sunny	Moderate	12:21	7.2	Surface	1.0	0.1	250	25.4	25.4	8.1	8.1	30.8	30.8	90.6	90.6	6.2	6.2	4.7	7.4	5	821070	805817		
						1.0	0.1	256	25.4		8.1	8.1	30.8	30.8	90.6	90.6	6.2		4.8						
						3.6	0.0	304	25.4		8.1	8.1	30.8	30.8	90.5	90.5	6.2		8.5						
					Middle	3.6	0.0	324	25.4	25.4	8.1	8.1	30.8	30.8	90.5	90.5	6.2	6.2	8.5	4	821070	805817			
						6.2	0.1	31	25.4		8.1	8.1	30.8	30.8	91.1	91.2	6.3		9.1						
						6.2																			

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 06 November 21 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										
IM9	Sunny	Moderate	12:44	6.6	Surface	1.0	0.3	74	26.3	26.3	8.0	8.0	30.2	30.3	99.4	99.4	6.8	6.8	6.1	11.4	6	6	822083	808832								
						1.0	0.4	74	26.3		8.0	8.0	30.3	30.3	99.4	99.4	6.8		6.0													
						3.3	0.3	84	26.1		26.1	8.1	8.1	31.4	31.5	98.2	98.2		6.7		13.4											
					Middle	3.3	0.3	87	26.1	26.1	8.1	8.1	31.5	31.5	98.2	98.2	6.7	14.1														
						5.6	0.2	73	26.1	26.2	8.1	8.1	31.4	31.3	99.2	99.3	6.7	14.2														
						5.6	0.3	77	26.2	26.2	8.1	8.1	31.2	31.2	99.4	99.4	6.8	14.6														
					IM10	Sunny	Moderate	12:51	7.5	Surface	1.0	0.4	94	26.3	26.3	8.1	8.1	31.1	31.2	101.4	101.2				6.9	6.7	8.5	10.2	8	7	822407	809777
											1.0	0.5	98	26.2		8.1	8.1	31.2	31.2	101.0	101.0				6.8		8.3					
											3.8	0.3	96	26.1		26.1	8.1	8.1	31.7	31.7	97.0				97.0		6.6		9.5			
Middle	3.8	0.3	101	26.1						26.1	8.1	8.1	31.7	31.7	97.0	97.0	6.6	10.0														
	6.5	0.1	97	26.1						26.1	8.1	8.1	31.8	31.8	97.2	97.4	6.6	12.2														
	6.5	0.1	100	26.1						26.1	8.1	8.1	31.8	31.8	97.5	97.5	6.6	12.7														
IM11	Sunny	Moderate	12:58	8.1						Surface	1.0	0.3	94	26.2	26.2	8.0	8.0	30.9	31.0	98.8	98.7	6.7	6.7	6.3	8.2	6	7	822044	811465			
											1.0	0.3	97	26.2		8.0	8.0	31.0	31.0	98.6	98.6	6.7		6.4								
											4.1	0.2	103	26.1		26.1	8.0	8.0	31.5	31.5	97.5	97.5		6.6		8.3						
					Middle	4.1	0.2	110	26.1	26.1	8.0	8.0	31.5	31.5	97.5	97.5	6.6	8.7														
						7.1	0.2	106	26.1	26.1	8.1	8.1	31.6	31.6	97.6	97.7	6.6	10.1														
						7.1	0.2	108	26.1	26.1	8.1	8.1	31.5	31.5	97.7	97.7	6.6	9.7														
					IM12	Sunny	Moderate	13:03	9.3	Surface	1.0	0.2	128	26.1	26.1	8.0	8.0	31.6	31.6	97.8	97.7	6.6	6.6	6.5	9.1	4				4	821465	812025
											1.0	0.2	137	26.1		26.1	8.0	8.0	31.7	31.7	97.6	97.6		6.6		6.7						
											4.7	0.2	123	26.1		26.1	8.0	8.0	31.9	31.9	97.2	97.2		6.6		7.7						
Middle	4.7	0.2	127	26.1						26.1	8.0	8.0	31.9	31.9	97.2	97.2	6.6	7.8														
	8.3	0.2	110	26.1						26.1	8.0	8.0	31.9	31.9	97.3	97.3	6.6	13.0														
	8.3	0.2	115	26.1						26.1	8.0	8.0	31.9	31.9	97.3	97.3	6.6	12.9														
SR1A	Sunny	Moderate	13:26	5.0						Surface	1.0	-	-	26.0	26.0	8.0	8.0	32.0	32.0	97.5	97.5	6.6	6.6	6.9	8.4	4	5	819974	812659			
											1.0	-	-	26.0		8.0	8.0	32.0	32.0	97.4	97.4	6.6		7.0								
											2.5	-	-	-		-	-	-	-	-	-	-		-		-						
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-														
						4.0	-	-	26.0	26.0	8.0	8.0	32.0	32.0	97.3	97.4	6.6	9.9														
						4.0	-	-	26.0	26.0	8.0	8.0	32.0	32.0	97.4	97.4	6.6	9.9														
					SR2	Sunny	Moderate	13:40	4.6	Surface	1.0	0.2	119	26.3	26.3	8.0	8.0	31.5	31.5	99.5	99.5	6.7	6.7	7.0	7.1	5				5	821460	814143
											1.0	0.2	120	26.3		8.0	8.0	31.6	31.6	99.5	99.5	6.7		6.8								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-														
	3.6	0.2	114	26.3						26.3	8.0	8.0	31.6	31.6	100.2	100.4	6.8	7.5														
	3.6	0.2	114	26.3						26.3	8.0	8.0	31.6	31.6	100.5	100.5	6.8	7.2														
SR3	Sunny	Moderate	12:35	8.4						Surface	1.0	0.2	98	26.2	26.2	8.0	8.0	30.6	30.6	96.7	96.7	6.6	6.6	6.4	10.8	6	6	822163	807559			
											1.0	0.2	101	26.1		26.1	8.0	8.0	30.6	30.6	96.6	96.6		6.6		5.8						
											4.2	0.2	103	26.0		26.0	8.0	8.0	31.2	31.2	95.8	95.8		6.5		12.1						
					Middle	4.2	0.2	113	26.0	26.0	8.0	8.0	31.2	31.2	95.8	95.8	6.5	12.4														
						7.4	0.3	84	26.0	26.0	8.0	8.0	31.3	31.3	96.2	96.2	6.5	14.1														
						7.4	0.3	84	26.0	26.0	8.0	8.0	31.3	31.3	96.2	96.2	6.5	14.1														
					SR4A	Sunny	Moderate	13:46	9.4	Surface	1.0	0.3	78	25.4	25.4	8.1	8.1	29.9	29.9	90.8	90.8	6.3	6.3	3.9	6.5	3				3	817196	807794
											1.0	0.3	78	25.4		25.4	8.1	8.1	29.9	29.9	90.8	90.8		6.3		3.9						
											4.7	0.3	69	25.4		25.4	8.1	8.1	30.5	30.5	90.1	90.1		6.2		6.3						
Middle	4.7	0.3	73	25.4						25.4	8.1	8.1	30.5	30.5	90.1	90.1	6.2	6.4														
	8.4	0.3	64	25.4						25.4	8.1	8.1	31.0	31.0	89.1	89.1	6.1	9.2														
	8.4	0.3	68	25.4						25.4	8.1	8.1	31.0	31.0	89.1	89.1	6.1	9.2														
SR5A	Sunny	Calm	14:03	3.8						Surface	1.0	0.0	47	25.2	25.2	8.1	8.1	31.4	31.4	88.6	88.6	6.1	6.1	4.1	5.4	3	3	816605	810675			
											1.0	0.0	49	25.2		25.2	8.1	8.1	31.4	31.4	88.6	88.6		6.1		4.1						
											-	-	-	-		-	-	-	-	-	-	-		-		-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-														
						2.8	0.0	173	25.2	25.2	8.1	8.1	31.4	31.4	90.3	90.4	6.2	6.8														
						2.8	0.0	174	25.2	25.2	8.1	8.1	31.4	31.4	90.4	90.4	6.2	6.8														
					SR6A	Sunny	Calm	14:23	4.6	Surface	1.0	0.0	306	25.2	25.2	8.1	8.1	31.4	31.4	88.2	88.2	6.1	6.1	3.3	3.4	2				2	817980	814731
											1.0	0.0	331	25.2		25.2	8.1	8.1	31.4	31.4	88.2	88.2		6.1		3.3						
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-														
	3.6	0.0	284	25.2						25.2	8.1	8.1	31.4	31.4	88.9	88.9	6.1	3.6														
	3.6	0.0	302	25.2						25.2	8.1	8.1	31.4	31.4	88.9	88.9	6.1	3.6														
SR7	Cloudy	Moderate	14:21	16.2						Surface	1.0	0.2	65	26.4	26.4	8.0	8.0	32.4	32.4	99.4	99.4	6.7	6.5	4.7	5.7	3	3	823648	823728			
											1.0	0.2	65	26.3		26.4	8.0	8.0	32.4	32.4	99.3	99.3		6.7		4.8						
											8.1	0.1	36	26.1		26.1	8.0	8.0	32.5	32.5	93.1	93.2		6.3		6.1						
					Middle	8.1	0.2	39	26.1	26.1	8.0	8.0	32.5	32.5	93.2	93.2	6.3	5.9														
						15.2	0.2	347	26.1	26.1	8.0	8.0	32.6	32.6	93.7	93.8	6.3	6.2														
						15.2	0.2	319	26.1	26.1	8.0	8.0	32.6	32.6	93.8	93.8	6.3	6.2														
					SR8	Sunny	Moderate	13:10	5.0	Surface	1.0	-	-	26.5	26.5	8.1	8.1	31.8	31.8	101.0	101.0	6.8	6.8	6.4	10.6	3				5	820410	811615
											1.0	-	-	26.5		26.5	8.1	8.1	31.8	31.8	100.9	100.9		6.8		6.5						
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-														
	4.0	-	-	26.2						26.3	8.1	8.1	31.8	31.8	100.4	100.5	6.8	14.9														
	4.0	-	-	26.3						26.3	8.1	8.1	31.8	31.8	100.6	100.6	6.8	14.4														

DA: Depth-Averaged
Calm: Small or no wave; Moderate: Between calm and rough; Rough: While 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 November 21 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	Fine	Moderate	08:33	7.2	Surface	1.0	0.4	50	25.5	25.5	8.1	8.1	28.9	28.9	90.9	90.9	6.3	6.3	6.3	4.6	3	815642	804243	
						1.0	0.4	52	25.5		8.1	8.1	28.9	28.9	90.9	90.9	6.3							
						3.6	0.3	55	25.4		8.1	8.1	29.1	29.1	90.2	90.2	6.3							
					Middle	3.6	0.3	55	25.4	25.4	8.1	8.1	29.1	29.1	90.2	90.2	6.3	6.3	4.8	4.8	3	815642	804243	
						6.2	0.3	36	25.4		8.1	8.1	30.1	30.1	90.1	90.1	6.2							
						6.2	0.4	36	25.4		8.1	8.1	30.1	30.1	90.1	90.1	6.2							
C2	Sunny	Moderate	08:42	12.6	Surface	1.0	0.3	354	26.1	26.1	8.0	8.0	29.8	29.8	96.3	96.3	6.6	6.6	6.6	9.7	5	825676	806946	
						1.0	0.3	326	26.1		8.0	8.0	29.8	29.8	96.2	96.2	6.6							
						6.3	0.3	340	26.0		8.0	8.0	30.2	30.2	95.5	95.5	6.5							
					Middle	6.3	0.3	356	26.0	26.0	8.0	8.0	30.2	30.2	95.5	95.5	6.5	6.5	8.7	8.7	5	825676	806946	
						11.6	0.3	329	26.0		8.0	8.0	30.2	30.2	95.6	95.6	6.5							
						11.6	0.3	342	26.0		8.0	8.0	30.2	30.2	95.7	95.7	6.6							
C3	Cloudy	Moderate	07:00	11.2	Surface	1.0	0.3	254	26.0	26.0	8.0	8.0	31.8	31.8	96.9	96.9	6.6	6.6	6.6	9.0	6	822094	817826	
						1.0	0.4	264	26.0		8.0	8.0	31.8	31.8	96.9	96.9	6.6							
						5.6	0.3	253	26.0		8.0	8.0	31.9	31.9	96.5	96.5	6.5							
					Middle	5.6	0.3	258	26.0	26.0	8.0	8.0	31.9	31.9	96.5	96.5	6.5	6.5	9.5	9.5	7	822094	817826	
						10.2	0.3	250	26.0		8.0	8.0	32.0	32.0	96.3	96.3	6.5							
						10.2	0.3	272	26.0		8.0	8.0	32.0	32.0	96.3	96.3	6.5							
IM1	Fine	Moderate	08:51	4.9	Surface	1.0	0.1	348	25.2	25.2	8.1	8.1	31.5	31.5	90.1	90.1	6.2	6.2	6.2	4.0	4	817937	807153	
						1.0	0.1	355	25.2		8.1	8.1	31.5	31.5	90.1	90.1	6.2							
						-	-	-	-		-	-	-	-	-	-	-							
					Middle	3.9	0.1	12	25.2	25.2	8.1	8.1	31.5	31.5	90.5	90.5	6.2	6.2	4.8	4.8	3	817937	807153	
						3.9	0.1	12	25.2		8.1	8.1	31.5	31.5	90.6	90.6	6.2							
						-	-	-	-		-	-	-	-	-	-	-							
IM2	Fine	Moderate	08:58	8.8	Surface	1.0	0.2	5	25.2	25.2	8.1	8.1	31.3	31.3	91.4	91.4	6.3	6.3	6.3	4.4	5	818159	806162	
						1.0	0.2	5	25.2		8.1	8.1	31.3	31.3	91.4	91.4	6.3							
						4.4	0.2	358	25.2		8.1	8.1	31.4	31.4	90.7	90.7	6.3							
					Middle	4.4	0.3	329	25.2	25.2	8.1	8.1	31.4	31.4	90.7	90.7	6.3	6.3	4.7	4.7	5	818159	806162	
						7.8	0.2	349	25.2		8.1	8.1	31.5	31.5	90.1	90.1	6.2							
						7.8	0.2	321	25.2		8.1	8.1	31.5	31.5	90.2	90.2	6.2							
IM3	Fine	Moderate	09:06	8.2	Surface	1.0	0.3	353	25.3	25.3	8.1	8.1	29.9	29.9	92.1	92.1	6.4	6.4	6.4	5.7	3	818786	805593	
						1.0	0.3	354	25.3		8.1	8.1	29.9	29.9	92.1	92.1	6.4							
						4.1	0.3	336	25.2		8.1	8.1	30.6	30.6	92.0	92.0	6.4							
					Middle	4.1	0.3	348	25.2	25.2	8.1	8.1	30.6	30.6	92.0	92.0	6.4	6.4	5.3	5.3	4	818786	805593	
						7.2	0.3	330	25.2		8.1	8.1	31.2	31.2	92.2	92.2	6.4							
						7.2	0.3	344	25.2		8.1	8.1	31.2	31.2	92.2	92.2	6.4							
IM4	Fine	Moderate	09:13	7.5	Surface	1.0	0.5	358	25.2	25.2	8.1	8.1	30.0	30.0	91.8	91.8	6.4	6.4	6.4	5.2	3	819701	804594	
						1.0	0.5	329	25.2		8.1	8.1	30.0	30.0	91.8	91.8	6.4							
						3.8	0.5	356	25.2		8.1	8.1	31.1	31.1	91.6	91.6	6.3							
					Middle	3.8	0.5	328	25.2	25.2	8.1	8.1	31.1	31.1	91.6	91.6	6.3	6.3	5.8	5.8	3	819701	804594	
						6.5	0.4	358	25.2		8.1	8.1	31.2	31.2	91.8	91.8	6.3							
						6.5	0.4	329	25.2		8.1	8.1	31.2	31.2	91.8	91.8	6.3							
IM5	Fine	Moderate	09:22	8.1	Surface	1.0	0.6	15	25.3	25.3	8.1	8.1	31.5	31.5	91.5	91.5	6.3	6.3	6.3	6.5	3	820752	804874	
						1.0	0.7	15	25.3		8.1	8.1	31.5	31.5	91.5	91.5	6.3							
						4.1	0.6	10	25.3		8.1	8.1	31.5	31.5	91.5	91.5	6.3							
					Middle	4.1	0.6	10	25.3	25.3	8.1	8.1	31.5	31.5	91.5	91.5	6.3	6.3	6.7	6.7	4	820752	804874	
						7.1	0.5	17	25.3		8.1	8.1	31.6	31.6	91.3	91.3	6.3							
						7.1	0.5	17	25.3		8.1	8.1	31.6	31.6	91.4	91.4	6.3							
IM6	Fine	Moderate	09:28	7.1	Surface	1.0	0.1	297	25.4	25.4	8.1	8.1	30.6	30.6	91.0	91.0	6.3	6.3	6.3	5.6	3	821053	805843	
						1.0	0.1	323	25.4		8.1	8.1	30.6	30.6	91.1	91.1	6.3							
						3.6	0.1	15	25.4		8.1	8.1	30.6	30.6	90.2	90.2	6.2							
					Middle	3.6	0.1	15	25.4	25.4	8.1	8.1	30.6	30.6	90.2	90.2	6.2	6.2	5.8	5.8	4	821053	805843	
						6.1	0.2	28	25.4		8.1	8.1	30.6	30.6	90.0	90.0	6.2							
						6.1	0.2	28	25.4		8.1	8.1	30.6	30.6	90.0	90.0	6.2							
IM7	Fine	Moderate	09:37	8.7	Surface	1.0	0.1	64	25.4	25.4	8.1	8.1	30.8	30.8	90.7	90.7	6.3	6.3	6.3	4.4	3	821331	806842	
						1.0	0.1	68	25.4		8.1	8.1	30.8	30.8	90.7	90.7	6.3							
						4.4	0.2	86	25.3		8.1	8.1	30.8	30.8	90.7	90.7	6.3							
					Middle	4.4	0.2	88	25.3	25.3	8.1	8.1	30.8	30.8	90.7	90.7	6.3	6.3	4.7	4.7	4	821331	806842	
						7.7	0.2	91	25.3		8.1	8.1	30.8	30.8	91.1	91.1	6.3							
						7.7	0.2	92	25.3		8.1	8.1	30.8	30.8	91.2	91.2	6.3							
IM8	Sunny	Moderate	08:23	7.6	Surface	1.0	0.1	64	26.1	26.1	8.0	8.0	29.8	29.8	96.7	96.7	6.6	6.6	6.6	6.7	6	821840	808147	
						1.0	0.1	70	26.1		8.0	8.0	29.8	29.8	96.7	96.7	6.6							
						3.8	0.1	87	26.1		8.0	8.0	29.8	29.8	96.9	96.9	6.6							
					Middle	3.8	0.1	94	26.1	26.1	8.0	8.0	29.8	29.8	97.0	97.0	6.6	6.6	6.8	6.8	5	821840	808147	
						6.6	0.1	271	26.1		8.0	8.0	29.8	29.8	97.9	97.9	6.7							
						6.6	0.1	276	26.1		8.0	8.0	29.8	29.8	98.3	98.3	6.7							

DA: Depth-Averaged
Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

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

Water Quality Monitoring Results on 06 November 21 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									
IM9	Sunny	Moderate	08:16	7.3	Surface	1.0	0.0	242	25.9	25.9	8.0	8.0	30.5	30.5	95.9	95.9	6.6	6.6	9.5	11	7	822099	808801								
						1.0	0.0	262	25.9	25.9	8.0	8.0	30.5	30.5	95.9	95.9	6.6	6.6	10.0	10											
						3.7	0.1	115	25.9	25.9	8.0	8.0	30.5	30.5	95.8	95.8	6.6	6.6	10.9	5											
					Middle	3.7	0.1	121	25.9	25.9	8.0	8.0	30.5	30.5	95.7	95.7	6.6	6.6	11.2	6											
						6.3	0.1	82	25.9	25.9	8.0	8.0	30.5	30.4	95.7	95.7	6.6	6.6	12.0	5											
						6.3	0.1	82	25.9	25.9	8.0	8.0	30.4	30.4	95.7	95.7	6.6	6.6	12.1	6											
					IM10	Sunny	Moderate	08:11	7.4	Surface	1.0	0.5	295	25.9	25.9	8.0	8.0	30.4	30.4	96.1				96.1	6.6	6.6	10.0	14	13	822396	809816
											1.0	0.5	311	25.9	25.9	8.0	8.0	30.4	30.4	96.1				96.1	6.6	6.6	10.0	15			
											3.7	0.4	296	25.9	25.9	8.0	8.0	30.4	30.4	95.9				96.0	6.6	6.6	10.0	13			
Middle	3.7	0.4	299	25.9						25.9	8.0	8.0	30.4	30.4	96.0	96.0	6.6	6.6	10.1	12											
	6.4	0.3	297	25.9						25.9	8.0	8.0	30.4	30.4	96.2	96.2	6.6	6.6	12.3	11											
	6.4	0.4	303	25.9						25.9	8.0	8.0	30.4	30.4	96.2	96.2	6.6	6.6	12.8	11											
IM11	Sunny	Moderate	08:03	8.6						Surface	1.0	0.5	307	25.9	25.9	8.0	8.0	31.9	31.9	97.0	97.0	6.6	6.6	9.1	14	13	822063	811448			
											1.0	0.5	311	25.9	25.9	8.0	8.0	31.9	31.9	97.0	97.0	6.6	6.6	9.4	14						
											4.3	0.4	308	25.9	25.9	8.1	8.1	32.0	32.0	96.5	96.5	6.6	6.6	13.1	13						
					Middle	4.3	0.4	315	25.9	25.9	8.1	8.1	32.0	32.0	96.5	96.5	6.6	6.6	13.5	13											
						7.6	0.4	309	25.9	25.9	8.1	8.1	32.0	32.0	96.5	96.6	6.6	6.6	13.8	11											
						7.6	0.5	326	25.9	25.9	8.1	8.1	32.0	32.0	96.6	96.6	6.6	6.6	13.6	12											
					IM12	Sunny	Moderate	07:57	8.0	Surface	1.0	0.5	287	26.0	26.0	8.0	8.0	31.8	31.8	97.5	97.5	6.6	6.6	10.8	5				11	821468	812058
											1.0	0.5	300	26.0	26.0	8.0	8.0	31.8	31.8	97.5	97.5	6.6	6.6	10.9	11						
											4.0	0.5	289	26.0	26.0	8.0	8.0	31.8	31.8	97.6	97.6	6.6	6.6	10.7	11						
Middle	4.0	0.6	296	26.0						26.0	8.0	8.0	31.8	31.8	97.6	97.6	6.6	6.6	10.1	12											
	7.0	0.4	284	26.0						26.0	8.0	8.0	31.9	31.9	98.1	98.2	6.7	6.7	12.9	12											
	7.0	0.4	308	26.0						26.0	8.0	8.0	31.9	31.9	98.2	98.2	6.7	6.7	12.6	13											
SR1A	Cloudy	Moderate	07:30	5.5						Surface	1.0	-	-	25.9	25.9	8.0	8.0	31.6	31.6	96.4	96.4	6.6	6.6	6.4	5	7	819972	812654			
											1.0	-	-	25.9	25.9	8.0	8.0	31.7	31.6	96.4	96.4	6.6	6.6	6.4	5						
											2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						4.5	-	-	25.9	25.9	8.0	8.0	32.0	31.9	98.2	98.3	6.7	6.7	6.3	5											
						4.5	-	-	25.9	25.9	8.0	8.0	31.9	31.9	98.4	98.4	6.7	6.7	6.2	11											
					SR2	Cloudy	Moderate	07:23	4.2	Surface	1.0	0.1	63	25.9	25.9	8.0	8.0	31.8	31.8	98.5	98.6	6.7	6.7	9.8	5				5	821467	814147
											1.0	0.1	63	25.9	25.9	8.0	8.0	31.8	31.8	98.6	98.6	6.7	6.7	10.0	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-											
	3.2	0.1	55	25.9						25.9	8.0	8.0	31.8	31.8	99.7	99.8	6.8	6.8	12.5	5											
	3.2	0.1	55	25.9						25.9	8.0	8.0	31.8	31.8	99.8	99.8	6.8	6.8	12.5	4											
SR3	Sunny	Moderate	08:26	8.4						Surface	1.0	0.1	25	26.1	26.1	8.0	8.0	29.7	29.7	96.3	96.3	6.6	6.6	6.2	6	5	822127	807567			
											1.0	0.1	27	26.1	26.1	8.0	8.0	29.7	29.7	96.2	96.3	6.6	6.6	6.4	6						
											4.2	0.1	27	26.1	26.1	8.0	8.0	29.8	29.8	95.9	95.9	6.6	6.6	7.3	6						
					Middle	4.2	0.1	28	26.1	26.1	8.0	8.0	29.8	29.8	95.8	95.8	6.6	6.6	7.4	5											
						7.4	0.1	286	26.1	26.1	8.0	8.0	29.8	29.8	95.6	95.6	6.6	6.6	10.3	4											
						7.4	0.1	300	26.1	26.1	8.0	8.0	29.8	29.8	95.6	95.6	6.6	6.6	9.9	5											
					SR4A	Fine	Moderate	08:10	9.6	Surface	1.0	0.1	124	25.4	25.4	8.1	8.1	29.0	29.0	90.7	90.7	6.3	6.3	5.1	4				3	817177	807792
											1.0	0.1	132	25.4	25.4	8.1	8.1	29.0	29.0	90.7	90.7	6.3	6.3	5.1	4						
											4.8	0.1	105	25.4	25.4	8.1	8.1	30.1	30.1	90.5	90.5	6.3	6.3	3.1	3						
Middle	4.8	0.1	110	25.4						25.4	8.1	8.1	30.1	30.1	90.5	90.5	6.3	6.3	3.2	3											
	8.6	0.1	79	25.3						25.3	8.1	8.1	30.8	30.8	90.6	90.7	6.3	6.3	3.9	3											
	8.6	0.1	84	25.3						25.3	8.1	8.1	30.8	30.8	90.7	90.7	6.3	6.3	4.0	3											
SR5A	Fine	Calm	07:50	4.1						Surface	1.0	0.1	288	25.2	25.2	8.0	8.0	31.2	31.2	87.7	87.7	6.0	6.0	3.6	4	4	816589	810680			
											1.0	0.1	309	25.2	25.2	8.0	8.0	31.2	31.2	87.7	87.7	6.0	6.0	3.6	3						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
						3.1	0.1	293	25.3	25.3	8.0	8.0	31.2	31.2	88.0	88.0	6.1	6.1	4.2	4											
						3.1	0.1	297	25.2	25.3	8.0	8.0	31.2	31.2	88.0	88.0	6.1	6.1	4.2	4											
					SR6A	Fine	Calm	07:22	4.2	Surface	1.0	0.1	232	25.2	25.2	8.0	8.0	31.2	31.2	87.7	87.7	6.0	6.0	2.5	3				3	817971	814716
											1.0	0.1	239	25.2	25.2	8.0	8.0	31.2	31.2	87.6	87.6	6.0	6.0	2.5	2						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-												
	3.2	0.1	228	25.2						25.2	8.0	8.0	31.2	31.2	87.6	87.6	6.0	6.0	3.5	2											
	3.2	0.1	231	25.2						25.2	8.0	8.0	31.2	31.2	87.6	87.6	6.0	6.0	3.6	3											
SR7	Cloudy	Moderate	06:31	16.4						Surface	1.0	0.2	58	26.0	26.0	8.0	8.0	31.8	31.8	97.0	97.0	6.6	6.6	6.6	5	6	823643	823753			
											1.0	0.2	60	26.0	26.0	8.0	8.0	31.8	31.8	97.0	97.0	6.6	6.6	6.6	6						
											8.2	0.2	71	26.0	26.0	8.0	8.0	32.0	32.0	96.5	96.5	6.5	6.5	10.4	6						
					Middle	8.2	0.2	73	26.0	26.0	8.0	8.0	32.0	32.0	96.5	96.5	6.5	6.5	9.9	7											
						15.4	0.2	74	26.0	26.0	8.0	8.0	32.0	32.0	97.0	97.1	6.6	6.6	13.4	6											
						15.4	0.2	74	26.0	26.0	8.0	8.0	32.0	32.0	97.1	97.1	6.6	6.6	13.6	7											
					SR8	Sunny	Moderate	07:50	5.0	Surface	1.0	-	-	26.0	26.0	8.0	8.0	30.7	30.7	95.5	95.5	6.5	6.5	7.5	8				6	820404	811613
											1.0	-	-	26.0	26.0	8.0	8.0	30.7	30.7	95.4	95.4	6.5	6.5	7.6	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-												
	4.0	-	-	25.7						25.7	8.0	8.0	31.0	31.0	96.0	96.0	6.6	6.6	13.3	8											
	4.0	-	-	25.6						25.7	8.0	8.0	31.1	31.0	96.0	96.0	6.6	6.6	12.8	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 09 November 21 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	Rough	15:44	8.4	Surface	1.0	0.6	210	23.9	24.0	8.2	8.2	30.6	30.7	98.6	98.7	7.0	7.0	5.0	4	4	815632	804226								
						1.0	0.6	226	24.0	8.2	8.2	30.7	31.9	98.8	100.4	7.0	7.0	5.2	5												
						4.2	0.5	222	24.2	8.2	8.2	31.9	31.9	100.4	100.4	7.0	7.0	8.9	3												
					Middle	4.2	0.5	238	24.2	8.2	8.2	31.9	31.9	100.3	100.3	7.0	7.0	8.9	3												
						7.4	0.5	208	24.2	8.2	8.2	31.9	31.9	99.8	99.8	7.0	7.0	7.4	3												
						7.4	0.5	221	24.2	8.2	8.2	31.9	31.9	99.7	99.7	7.0	7.0	7.8	3												
					C2	Fine	Rough	14:51	12.4	Surface	1.0	0.3	80	24.7	24.7	8.1	8.1	31.0	31.0	99.3				99.3	6.9	6.9	10.7	12	11	825668	806942
											1.0	0.3	85	24.7	8.1	8.1	31.0	31.0	99.2	99.1				6.9	6.9	11.0	11				
											6.2	0.3	77	24.6	8.1	8.1	31.1	31.1	99.1	99.1				6.9	6.9	14.9	11				
Middle	6.2	0.3	84	24.6						8.1	8.1	31.1	31.1	99.1	99.1	6.9	6.9	15.0	11												
	11.4	0.2	57	24.6						8.2	8.2	31.1	31.1	99.6	99.7	6.9	6.9	14.2	10												
	11.4	0.2	59	24.6						8.2	8.2	31.1	31.1	99.7	99.7	7.0	7.0	14.0	10												
C3	Fine	Rough	16:50	12.4						Surface	1.0	0.4	66	25.4	25.4	8.1	8.1	32.1	32.1	98.7	98.7	6.8	6.8	4.2	5	5	822086	817788			
											1.0	0.4	69	25.4	8.1	8.1	32.1	32.2	98.7	97.4	6.8	6.8	4.2	5							
											6.2	0.4	68	25.4	8.1	8.1	32.2	32.2	97.4	97.4	6.7	6.7	4.5	5							
					Middle	6.2	0.4	69	25.4	8.1	8.1	32.2	32.2	97.4	97.4	6.7	6.7	4.5	5												
						11.4	0.3	75	25.5	8.1	8.1	32.5	32.5	97.5	97.6	6.6	6.7	5.0	4												
						11.4	0.3	80	25.5	8.1	8.1	32.5	32.5	97.6	97.6	6.7	6.7	5.0	5												
					IM1	Cloudy	Rough	15:32	5.2	Surface	1.0	0.2	111	24.0	24.0	8.2	8.2	30.1	30.1	94.4	94.4	6.7	6.7	6.7	4				4	817952	807134
											1.0	0.2	111	24.0	8.2	8.2	30.1	30.1	94.4	94.4	6.7	6.7	6.3	4							
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	4.2	0.1	132	24.0						24.0	8.1	8.1	30.1	30.1	95.6	95.7	6.8	6.8	4.0	3											
	4.2	0.1	134	24.0						24.0	8.1	8.1	30.1	30.1	95.7	95.7	6.8	6.8	3.9	4											
IM2	Cloudy	Rough	15:26	6.4						Surface	1.0	0.3	188	23.9	23.9	8.2	8.2	30.3	30.3	93.8	93.9	6.7	6.7	3.2	4	4	818164	806165			
											1.0	0.3	199	23.9	8.2	8.2	30.3	30.4	93.9	94.3	6.7	6.7	3.2	4							
											3.2	0.3	198	23.9	8.2	8.2	30.4	30.4	94.2	94.3	6.7	6.7	2.7	4							
					Middle	3.2	0.3	206	23.9	8.2	8.2	30.4	30.4	94.3	94.3	6.7	6.7	2.6	4												
						5.4	0.3	202	23.9	8.2	8.2	30.4	30.4	94.5	94.5	6.7	6.7	2.8	4												
						5.4	0.3	203	23.9	8.2	8.2	30.4	30.4	94.4	94.4	6.7	6.7	3.0	3												
					IM3	Cloudy	Rough	15:20	6.9	Surface	1.0	0.4	210	23.9	23.9	8.2	8.2	30.4	30.4	95.6	95.7	6.8	6.8	1.5	3				4	818799	805604
											1.0	0.4	212	23.9	8.2	8.2	30.4	30.6	95.7	96.2	6.8	6.8	1.4	3							
											3.5	0.3	199	24.0	8.2	8.2	30.6	30.6	96.1	96.2	6.8	6.8	2.3	4							
Middle	3.5	0.3	213	24.0						8.2	8.2	30.6	30.6	96.2	96.2	6.8	6.8	2.5	4												
	5.9	0.3	210	24.0						8.2	8.2	30.9	30.9	96.5	96.6	6.8	6.8	2.4	4												
	5.9	0.3	228	24.0						8.2	8.2	30.9	30.9	96.6	96.6	6.8	6.8	2.6	5												
IM4	Cloudy	Rough	15:13	7.6						Surface	1.0	0.4	209	24.0	24.0	8.2	8.2	30.7	30.7	101.1	101.0	7.1	7.1	5.6	3	3	819742	804613			
											1.0	0.4	218	24.0	8.2	8.2	30.7	31.2	100.9	97.2	7.1	7.0	5.6	4							
											3.8	0.4	213	24.1	8.2	8.2	31.2	31.2	97.3	97.1	6.8	6.8	8.8	3							
					Middle	3.8	0.4	231	24.1	8.2	8.2	31.2	31.4	97.1	96.7	6.8	6.8	8.5	3												
						6.6	0.4	203	24.1	8.2	8.2	31.4	31.4	96.7	96.7	6.8	6.8	13.1	3												
						6.6	0.4	217	24.1	8.2	8.2	31.4	31.4	96.7	96.7	6.8	6.8	13.4	3												
					IM5	Cloudy	Rough	15:06	8.2	Surface	1.0	0.4	220	23.9	23.9	8.2	8.2	30.2	30.2	93.3	93.4	6.6	6.6	5.8	4				3	820747	804875
											1.0	0.4	231	23.9	8.2	8.2	30.2	30.4	93.4	94.9	6.6	6.7	5.8	3							
											4.1	0.4	211	23.9	8.2	8.2	30.4	30.4	94.8	94.9	6.7	6.7	6.7	3							
Middle	4.1	0.4	216	23.9						8.2	8.2	30.4	30.5	94.9	96.5	6.7	6.8	6.6	4												
	7.2	0.4	224	23.9						8.2	8.2	30.5	30.5	96.4	96.5	6.8	6.8	5.4	3												
	7.2	0.4	234	23.9						8.2	8.2	30.5	30.5	96.6	96.6	6.8	6.8	5.5	3												
IM6	Cloudy	Rough	15:00	7.8						Surface	1.0	0.4	223	24.2	24.2	8.1	8.1	29.9	29.9	92.6	92.6	6.5	6.5	5.9	3	3	821071	805811			
											1.0	0.4	240	24.2	8.1	8.1	29.9	30.2	92.6	92.0	6.5	6.5	5.5	3							
											3.9	0.4	225	24.1	8.1	8.1	30.2	30.2	92.0	92.0	6.5	6.5	8.0	3							
					Middle	3.9	0.4	244	24.1	8.1	8.1	30.2	30.2	92.0	92.0	6.5	6.5	8.9	3												
						6.8	0.5	229	24.1	8.1	8.1	30.2	30.2	92.2	92.3	6.5	6.5	10.7	3												
						6.8	0.5	251	24.1	8.1	8.1	30.2	30.2	92.3	92.3	6.5	6.5	10.5	2												
					IM7	Cloudy	Rough	14:52	8.2	Surface	1.0	0.5	234	24.2	24.2	8.1	8.1	29.9	29.9	92.9	92.9	6.6	6.6	3.6	4				3	821334	806855
											1.0	0.5	245	24.2	8.1	8.1	29.9	30.0	92.9	92.5	6.6	6.6	3.6	3							
											4.1	0.5	220	24.1	8.1	8.1	30.0	30.0	92.5	92.5	6.6	6.6	5.1	4							
Middle	4.1	0.5	226	24.1						8.1	8.1	30.0	30.0	92.5	92.5	6.6	6.6	5.5	3												
	7.2	0.5	233	24.1						8.1	8.1	30.0	30.0	92.7	92.8	6.6	6.6	9.4	3												
	7.2	0.5	235	24.1						8.1	8.1	30.0	30.0	92.8	92.8	6.6	6.6	9.4	3												
IM8	Fine	Rough	15:15	7.8						Surface	1.0	0.5	82	24.9	24.9	8.1	8.1	30.6	30.6	99.0	99.0	6.9	6.9	8.5	10	9	821812	808163			
											1.0	0.6	82	24.9	8.1	8.1	30.6	30.9	99.0	98.3	6.9	6.9	8.6	9							
											3.9	0.4	71	24.7	8.1	8.1	31.0	31.1	98.3	98.3	6.9	6.9	10.6	8							
					Middle	3.9	0.5	72	24.7	8.1	8.1	30.9	31.1	98.3	98.3	6.9	6.9	10.7	9												
						6.8	0.5	50	24.6	8.1	8.1	31.1	31.1	99.3	99.4	6.9	6.9	14.3	9												
						6.8	0.5	54	24.6	8.1	8.1	31.1	31.1	99.4	99.4	6.9	6.9	14.3	8												

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 November 21 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											
IM9	Fine	Rough	15:21	7.5	Surface	1.0	0.7	62	24.9	24.9	8.1	8.1	30.6	30.6	99.4	99.4	6.9	6.9	7.4	7.4	8	8	7	822110	808815								
						1.0	0.8	62	24.9	8.1	8.1	30.6	30.6	99.4	99.4	6.9	6.9	7.4	7.4	8	8												
						3.8	0.6	76	24.7	24.7	8.1	8.1	31.0	31.0	98.7	98.7	6.9	6.9	9.4	9.4	8	8											
					Middle	3.8	0.6	79	24.7	24.7	8.1	8.1	31.0	31.0	98.7	98.7	6.9	6.9	9.6	9.6	7	7				8	8						
						6.5	0.4	67	24.6	24.6	8.1	8.1	31.1	31.1	99.1	99.1	6.9	6.9	10.9	10.9	6	6											
						6.5	0.4	67	24.6	24.6	8.1	8.1	31.1	31.1	99.1	99.1	6.9	6.9	10.7	10.7	7	7											
					IM10	Fine	Rough	15:27	7.9	Surface	1.0	0.5	57	25.0	25.0	8.1	8.1	30.5	30.5	100.5	100.5	7.0				7.0	5.9	5.9	6	6	7	822384	809806
											1.0	0.5	61	25.0	25.0	8.1	8.1	30.5	30.5	100.4	100.4	7.0				7.0	5.9	5.9	7	7			
											4.0	0.5	58	24.8	24.9	8.1	8.1	30.8	30.8	98.9	98.9	6.9				6.9	8.6	8.6	7	7			
Middle	4.0	0.5	59	24.9						24.9	8.1	8.1	30.8	30.8	98.9	98.9	6.9	6.9	8.4	8.4	6	6											
	6.9	0.4	65	24.8						24.8	8.1	8.1	30.9	30.9	98.8	98.8	6.9	6.9	9.5	9.5	7	7											
	6.9	0.4	70	24.8						24.8	8.1	8.1	30.9	30.9	98.8	98.8	6.9	6.9	9.4	9.4	7	7											
IM11	Fine	Moderate	15:36	9.4						Surface	1.0	0.4	84	25.2	25.2	8.1	8.1	31.2	31.2	97.8	97.8	6.8	6.8	6.7	6.7	8	8	8	822050	811460			
											1.0	0.4	87	25.2	25.2	8.1	8.1	31.2	31.2	97.8	97.8	6.8	6.8	6.7	6.7	8	8						
											4.7	0.4	89	25.2	25.2	8.1	8.1	31.3	31.3	97.3	97.3	6.7	6.7	7.2	7.2	8	8						
					Middle	4.7	0.5	92	25.2	25.2	8.1	8.1	31.3	31.3	97.2	97.2	6.7	6.7	7.3	7.3	8	8											
						8.4	0.3	68	25.2	25.2	8.1	8.1	31.5	31.5	96.3	96.3	6.6	6.6	11.4	11.4	8	8											
						8.4	0.3	69	25.2	25.2	8.1	8.1	31.5	31.5	96.3	96.3	6.6	6.6	11.4	11.4	7	7											
					IM12	Fine	Moderate	15:42	9.4	Surface	1.0	0.4	90	25.1	25.1	8.1	8.1	31.3	31.3	97.0	97.0	6.7	6.7	7.3	7.3	9	9				8	821457	812031
											1.0	0.4	94	25.1	25.1	8.1	8.1	31.3	31.3	97.0	97.0	6.7	6.7	7.3	7.3	9	9						
											4.7	0.4	105	25.2	25.2	8.1	8.1	31.3	31.3	96.9	96.9	6.7	6.7	7.8	7.8	8	8						
Middle	4.7	0.4	107	25.2						25.2	8.1	8.1	31.3	31.3	96.9	96.9	6.7	6.7	7.8	7.8	8	8											
	8.4	0.3	88	25.2						25.2	8.1	8.1	31.3	31.3	97.3	97.3	6.7	6.7	8.3	8.3	7	7											
	8.4	0.3	94	25.2						25.2	8.1	8.1	31.3	31.3	97.3	97.3	6.7	6.7	8.3	8.3	8	8											
SR1A	Fine	Calm	16:15	5.1						Surface	1.0	-	-	24.8	24.8	8.1	8.1	31.0	31.0	97.6	97.6	6.8	6.8	7.5	7.5	7	7	7	819976	812662			
											1.0	-	-	24.8	24.8	8.1	8.1	31.0	31.0	97.6	97.6	6.8	6.8	7.5	7.5	6	6						
											2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						4.1	-	-	24.8	24.8	8.1	8.1	31.1	31.1	98.3	98.3	6.8	6.8	8.6	8.6	6	6											
						4.1	-	-	24.8	24.8	8.1	8.1	31.1	31.1	98.5	98.5	6.9	6.9	8.6	8.6	7	7											
					SR2	Fine	Rough	16:31	4.7	Surface	1.0	0.3	134	25.2	25.2	8.1	8.1	31.3	31.3	98.3	98.3	6.8	6.8	5.4	5.4	5	5				4	821440	814160
											1.0	0.3	137	25.2	25.2	8.1	8.1	31.3	31.3	98.3	98.3	6.8	6.8	5.4	5.4	4	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-											
	3.7	0.2	142	25.4						25.4	8.1	8.1	32.0	32.0	96.2	96.2	6.6	6.6	8.0	8.0	4	4											
	3.7	0.2	153	25.4						25.4	8.1	8.1	32.0	32.0	96.3	96.3	6.6	6.6	8.0	8.0	4	4											
SR3	Fine	Rough	15:09	9.2						Surface	1.0	0.3	103	24.9	24.9	8.1	8.1	30.6	30.6	98.6	98.6	6.9	6.9	7.3	7.3	8	8	8	822139	807559			
											1.0	0.4	111	24.9	24.9	8.1	8.1	30.6	30.6	98.6	98.6	6.9	6.9	7.3	7.3	8	8						
											4.6	0.4	122	24.8	24.8	8.1	8.1	30.7	30.7	98.3	98.3	6.8	6.8	9.9	9.9	8	8						
					Middle	4.6	0.4	124	24.8	24.8	8.1	8.1	30.7	30.7	98.3	98.3	6.8	6.8	10.2	10.2	8	8											
						8.2	0.3	95	24.6	24.6	8.1	8.1	31.0	31.0	98.6	98.6	6.9	6.9	13.7	13.7	7	7											
						8.2	0.3	99	24.6	24.6	8.1	8.1	31.0	31.0	98.6	98.6	6.9	6.9	13.9	13.9	8	8											
					SR4A	Cloudy	Moderate	15:55	8.8	Surface	1.0	0.4	99	23.9	23.9	8.2	8.2	30.1	30.1	93.6	93.6	6.6	6.6	2.6	2.6	4	4				4	817197	807787
											1.0	0.4	105	23.9	23.9	8.2	8.2	30.1	30.1	93.6	93.6	6.6	6.6	2.8	2.8	4	4						
											4.4	0.4	103	23.9	23.9	8.2	8.2	30.2	30.2	93.5	93.5	6.6	6.6	4.5	4.5	4	4						
Middle	4.4	0.4	106	23.9						23.9	8.2	8.2	30.2	30.2	93.6	93.6	6.6	6.6	4.6	4.6	4	4											
	7.8	0.4	110	23.9						23.9	8.1	8.1	30.2	30.2	94.8	94.8	6.7	6.7	6.4	6.4	3	3											
	7.8	0.4	115	23.9						23.9	8.1	8.1	30.2	30.2	94.9	94.9	6.7	6.7	6.7	6.7	3	3											
SR5A	Cloudy	Moderate	16:11	4.2						Surface	1.0	0.3	108	23.9	23.9	8.1	8.1	29.7	29.7	93.0	93.1	6.6	6.6	8.3	8.3	5	5	4	816582	810715			
											1.0	0.3	111	23.9	23.9	8.1	8.1	29.7	29.7	93.1	93.1	6.6	6.6	8.4	8.4	4	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						3.2	0.2	109	23.8	23.8	8.1	8.1	29.7	29.7	94.0	94.1	6.7	6.7	9.0	9.0	4	4											
						3.2	0.2	114	23.8	23.8	8.1	8.1	29.7	29.7	94.2	94.2	6.7	6.7	8.8	8.8	4	4											
					SR6A	Cloudy	Moderate	16:36	3.6	Surface	1.0	0.2	101	24.3	24.3	8.1	8.1	30.0	30.0	94.5	94.6	6.7	6.7	6.5	6.5	4	4				5	817957	814731
											1.0	0.2	104	24.3	24.3	8.1	8.1	30.0	30.0	94.7	94.7	6.7	6.7	6.6	6.6	5	5						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-											
	2.6	0.2	122	24.3						24.3	8.1	8.1	30.0	30.0	95.5	95.7	6.7	6.7	7.4	7.4	4	4											
	2.6	0.2	130	24.3						24.3	8.1	8.1	30.0	30.0	95.8	95.8	6.8	6.8	7.5	7.5	5	5											
SR7	Fine	Rough	17:19	15.8						Surface	1.0	0.4	82	25.5	25.5	8.1	8.1	32.5	32.5	96.4	96.4	6.6	6.6	4.0	4.0	4	4	4	823635	823739			
											1.0	0.5	82	25.5	25.5	8.1	8.1	32.5	32.5	96.4	96.4	6.6	6.6	4.0	4.0	4	4						
											7.9	0.4	87	25.5	25.5	8.1	8.1	32.5	32.5	96.5	96.5	6.6	6.6	4.3	4.3	4	4						
					Middle	7.9	0.4	87	25.5	25.5	8.1	8.1	32.5	32.5	96.5	96.5	6.6	6.6	4.3	4.3	4	4											
						14.8	0.2	85	25.5	25.5	8.1	8.1	32.5	32.5	97.2	97.2	6.6	6.6	4.1	4.1	3	3											
						14.8	0.2	92	25.5	25.5	8.1	8.1	32.5	32.5	97.2	97.2	6.6	6.6	4.0	4.0	3	3											
					SR8	Fine	Moderate	15:50	5.0	Surface	1.0	-	-	25.5	25.5	8.1	8.1	30.9	30.9	99.3	99.3	6.8	6.8	8.7	8.7	10	10				11	820391	811626
											1.0	-																					

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

Water Quality Monitoring Results on 09 November 21 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	Fine	Moderate	11:41	7.9	Surface	1.0	0.4	17	24.0	24.0	8.2	8.2	31.0	31.0	94.8	94.8	6.7	6.7	12.2	14.0	5	815617	804233					
						1.0	0.4	18	24.0		8.2	8.2	31.0	31.0	94.8	94.8	6.7		12.2									
						4.0	0.4	13	24.0		24.0	8.2	8.2	31.0	31.0	94.3	94.3		6.7					12.9				
					Middle	4.0	0.4	13	24.0	24.0	8.2	8.2	31.0	31.0	94.3	94.3	6.7	6.6	12.8	5	815617	804233						
						6.9	0.4	11	24.0		8.0	8.0	31.1	31.1	94.1	94.1	6.6		16.9									
						6.9	0.4	11	24.0		8.0	8.0	31.1	31.1	94.1	94.1	6.6		16.9									
					C2	Fine	Rough	12:14	11.6	Surface	1.0	0.4	6	25.1	25.1	8.0	8.0	30.2	30.2	99.2	99.2	6.9	6.9	5.5	7.5	6	825676	806924
											1.0	0.4	6	25.1		8.0	8.0	30.2	30.2	99.1	99.1	6.9		5.5				
											5.8	0.4	9	25.0		25.0	8.0	8.0	30.3	30.3	98.3	98.3		6.8				
Middle	5.8	0.4	9	25.0						25.0	8.0	8.0	30.3	30.3	98.3	98.3	6.8	6.9	6.2	6	825676	806924						
	10.6	0.3	30	24.8							24.8	8.0	8.0	30.5	30.5	98.9	98.9		6.9				10.9					
	10.6	0.4	31	24.8							8.0	8.0	30.5	30.5	98.9	98.9	6.9		11.0									
C3	Fine	Rough	10:11	10.9						Surface	1.0	0.4	223	25.3	25.3	8.1	8.1	31.5	31.5	96.0	96.0	6.6	6.6	5.7	7.7	6	822116	817814
											1.0	0.5	224	25.3		8.1	8.1	31.5	31.5	96.0	96.0	6.6		5.7				
											5.5	0.5	236	25.3		25.4	8.1	8.1	31.6	31.7	94.7	94.7		6.5				
					Middle	5.5	0.5	251	25.4	25.6	8.1	8.1	31.7	31.7	94.6	94.6	6.5	6.5	11.9	7	822116	817814						
						9.9	0.4	240	25.6		8.1	8.1	32.2	32.2	95.1	95.1	6.5		11.6									
						9.9	0.5	248	25.6		8.1	8.1	32.2	32.2	95.1	95.1	6.5		11.6									
					IM1	Fine	Moderate	11:59	5.5	Surface	1.0	0.1	100	24.0	24.0	8.2	8.2	30.0	30.0	93.2	93.2	6.6	6.6	2.8	2.8	3	817940	807137
											1.0	0.1	101	23.9		8.2	8.2	30.0	30.0	93.2	93.2	6.6		2.6				
											-	-	-	-		-	-	-	-	-	-	-		-				
Middle	-	-	-	-						23.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	4.5	0.1	111	23.9							23.9	8.1	8.1	30.2	30.2	93.6	93.7	6.6	2.9									
	4.5	0.1	119	23.9							8.1	8.1	30.2	30.2	93.7	93.7	6.6	3.0										
IM2	Fine	Moderate	12:05	6.8						Surface	1.0	0.2	73	24.1	24.1	8.1	8.1	29.9	29.9	91.7	91.7	6.5	6.5	6.7	11.5	3	818151	806181
											1.0	0.2	76	24.1		8.1	8.1	29.9	29.9	91.7	91.7	6.5		6.7				
											3.4	0.2	74	24.0		24.0	8.1	8.1	30.0	30.0	90.7	90.7		6.4				
					Middle	3.4	0.2	79	24.0	24.0	8.1	8.1	30.0	30.0	90.7	90.7	6.4	6.5	14.4	3	818151	806181						
						5.8	0.2	65	24.0		8.1	8.1	29.9	29.9	90.8	91.0	6.4		13.3									
						5.8	0.2	67	24.0		8.1	8.1	29.9	29.9	91.1	91.1	6.5		13.7									
					IM3	Fine	Moderate	12:10	6.8	Surface	1.0	0.3	68	24.0	24.0	8.1	8.1	30.0	30.0	91.9	91.9	6.5	6.5	4.0	9.7	5	818780	805579
											1.0	0.3	73	24.0		8.1	8.1	30.0	30.0	91.8	91.8	6.5		3.9				
											3.4	0.3	65	23.9		23.9	8.1	8.1	30.0	30.0	91.1	91.1		6.5				
Middle	3.4	0.3	66	23.9						23.9	8.1	8.1	30.0	30.0	91.1	91.1	6.5	6.5	8.4	4	818780	805579						
	5.8	0.2	53	23.9							8.1	8.1	30.0	30.0	91.2	91.3	6.5		16.9									
	5.8	0.2	57	23.9							8.1	8.1	30.0	30.0	91.4	91.4	6.5		16.9									
IM4	Fine	Moderate	12:18	8.2						Surface	1.0	0.3	55	23.9	23.9	8.1	8.1	30.0	30.0	91.7	91.7	6.5	6.5	6.5	7.8	4	819724	804601
											1.0	0.3	57	23.9		8.1	8.1	30.0	30.0	91.7	91.7	6.5		6.4				
											4.1	0.2	50	23.9		23.9	8.1	8.1	30.0	30.0	91.5	91.6		6.5				
					Middle	4.1	0.2	54	23.9	23.9	8.1	8.1	30.0	30.0	91.6	91.6	6.5	6.5	7.8	3	819724	804601						
						7.2	0.2	44	23.9		8.1	8.1	30.0	30.0	91.9	92.0	6.5		9.3									
						7.2	0.2	47	23.9		8.1	8.1	30.0	30.0	92.0	92.0	6.5		9.2									
					IM5	Fine	Moderate	12:24	8.0	Surface	1.0	0.3	41	24.0	24.0	8.1	8.1	29.9	29.9	89.7	89.7	6.4	6.4	12.1	13.6	4	820753	804849
											1.0	0.3	43	24.0		8.1	8.1	29.9	29.9	89.7	89.7	6.4		12.2				
											4.0	0.2	38	24.0		24.0	8.1	8.1	29.9	29.9	89.5	89.5		6.4				
Middle	4.0	0.2	39	24.0						24.0	8.1	8.1	29.9	29.9	89.5	89.5	6.4	6.4	18.3	3	820753	804849						
	7.0	0.3	39	24.0							8.1	8.1	29.9	29.9	90.1	90.2	6.4		10.6									
	7.0	0.3	39	24.0							8.1	8.1	29.9	29.9	90.2	90.2	6.4		10.3									
IM6	Fine	Moderate	12:29	7.2						Surface	1.0	0.3	32	24.3	24.3	8.1	8.1	29.9	29.9	92.2	92.2	6.5	6.5	2.6	5.9	4	821066	805841
											1.0	0.3	34	24.2		8.1	8.1	29.9	29.9	92.2	92.2	6.5		2.5				
											3.6	0.3	30	24.2		24.2	8.1	8.1	30.1	30.1	92.1	92.1		6.5				
					Middle	3.6	0.3	31	24.2	24.1	8.1	8.1	30.1	30.1	92.0	92.0	6.5	6.5	8.5	3	821066	805841						
						6.2	0.3	28	24.1		8.1	8.1	30.2	30.2	91.9	92.0	6.5		6.7									
						6.2	0.3	30	24.1		8.1	8.1	30.2	30.2	92.0	92.0	6.5		6.6									
					IM7	Fine	Moderate	12:36	7.6	Surface	1.0	0.4	21	24.3	24.3	8.1	8.1	29.7	29.7	91.7	91.7	6.5	6.5	5.7	8.0	4	821349	806824
											1.0	0.4	22	24.3		8.1	8.1	29.7	29.7	91.7	91.7	6.5		5.8				
											3.8	0.3	20	24.3		24.3	8.1	8.1	29.7	29.7	91.7	91.8		6.5				
Middle	3.8	0.3	21	24.3						24.3	8.1	8.1	29.7	29.7	91.8	91.8	6.5	6.6	8.8	3	821349	806824						
	6.6	0.3	18	24.0							8.1	8.1	30.2	30.2	92.8	92.9	6.6		9.5									
	6.6	0.3	18	24.0							8.1	8.1	30.2	30.2	92.9	92.9	6.6		9.5									
IM8	Fine	Rough	11:49	7.6						Surface	1.0	0.1	103	25.1	25.1	8.0	8.0	30.5	30.5	97.4	97.4	6.8	6.8	7.9	10.2	8	821845	808126
											1.0	0.1	109	25.1		8.0	8.0	30.5	30.5	97.3	97.3	6.8		8.1				
											3.8	0.1	101	25.0		25.0	8.0	8.0	30.5	30.5	96.3	96.3		6.7				
					Middle	3.8	0.1	101	25.0	25.0	8.0	8.0	30.5	30.5	96.3	96.3	6.7	6.7	11.0	7	821845	808126						
						3.8	0.2	107	25.0		8.0	8.0	30.5	30.5	96.3	96.3	6.7		11.0									
						6.6	0.1	92	24.9		24.9	8.0	8.0	30.5	30.5	96.8	96.8		6.7				11.8					
					Bottom	6.6	0.1	92	24.9	24.9	8.0	8.0	30.5	30.5	96.8	96.8	6.7	6.7	11.7	4	821845	808126						
						6.6	0.1	95	24.9		8.0	8.0	30.5	30.5	96.7	96.7	6.7		11.7									

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

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

Water Quality Monitoring Results on 09 November 21 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		
IM9	Fine	Rough	11:43	7.2	Surface	1.0	0.1	149	24.7	24.7	8.1	8.1	30.6	30.6	97.5	97.5	6.8	6.8	11.9	13.9	17	17	822109	808812
						1.0	0.1	155	24.7		8.1	8.1	30.6	30.6	97.5	97.5	6.8		11.9					
					Middle	3.6	0.1	153	24.7	24.7	8.1	8.1	30.6	30.6	97.4	97.5	6.8	6.8	14.5	13.9	18			
						3.6	0.1	156	24.7		8.1	8.1	30.6	30.6	97.5	97.5	6.8		14.5					
					Bottom	6.2	0.1	105	24.7	24.7	8.1	8.1	30.6	30.6	98.0	98.0	6.9	6.9	15.3	13.9	17			
						6.2	0.1	108	24.7		8.1	8.1	30.6	30.6	98.0	98.0	6.9		15.3					
IM10	Fine	Rough	11:36	7.7	Surface	1.0	0.6	342	24.9	24.9	8.1	8.1	30.9	30.9	97.2	97.2	6.8	6.8	13.8	14.6	14	16	822395	809796
						1.0	0.6	315	24.9		8.1	8.1	30.9	30.9	97.2	97.2	6.8		13.7					
					Middle	3.9	0.5	341	24.9	24.9	8.1	8.1	30.9	30.9	97.2	97.2	6.8	6.8	13.8	14.6	16			
						3.9	0.6	348	24.8		8.1	8.1	30.9	30.9	97.2	97.2	6.8		13.9					
					Bottom	6.7	0.5	338	24.8	24.8	8.1	8.1	30.9	30.9	97.9	98.0	6.8	6.8	16.5	14.6	16			
						6.7	0.5	341	24.8		8.1	8.1	30.9	30.9	98.0	98.0	6.8		16.0					
IM11	Fine	Rough	11:27	8.4	Surface	1.0	0.6	335	24.8	24.8	8.1	8.1	31.0	31.0	97.7	97.7	6.8	6.8	12.1	13.8	15	14	822044	811481
						1.0	0.6	338	24.8		8.1	8.1	31.0	31.0	97.7	97.7	6.8		12.0					
					Middle	4.2	0.5	336	24.8	24.8	8.1	8.1	31.0	31.0	97.4	97.4	6.8	6.8	14.1	13.8	14			
						4.2	0.5	309	24.8		8.1	8.1	31.0	31.0	97.4	97.4	6.8		13.9					
					Bottom	7.4	0.4	339	24.8	24.8	8.1	8.1	31.0	31.0	97.8	97.9	6.8	6.8	15.2	13.8	12			
						7.4	0.4	312	24.8		8.1	8.1	31.0	31.0	97.9	97.9	6.8		15.4					
IM12	Fine	Rough	11:20	9.1	Surface	1.0	0.5	283	24.9	24.9	8.1	8.1	31.0	31.0	97.5	97.5	6.8	6.8	15.2	17.2	23	22	821455	812022
						1.0	0.5	287	24.9		8.1	8.1	31.0	31.0	97.5	97.5	6.8		15.1					
					Middle	4.6	0.5	284	24.8	24.8	8.1	8.1	31.0	31.0	97.4	97.4	6.8	6.8	17.5	17.2	22			
						4.6	0.5	288	24.8		8.1	8.1	31.0	31.0	97.4	97.4	6.8		17.5					
					Bottom	8.1	0.5	284	24.8	24.8	8.1	8.1	31.0	31.0	97.6	97.6	6.8	6.8	19.0	17.2	21			
						8.1	0.5	294	24.8		8.1	8.1	31.0	31.0	97.6	97.6	6.8		18.8					
SR1A	Fine	Calm	10:48	4.8	Surface	1.0	-	-	24.8	24.8	8.1	8.1	30.9	30.9	96.2	96.3	6.7	6.7	7.1	7.5	9	9	819981	812663
						1.0	-	-	24.8		8.1	8.1	30.9	30.9	96.3	96.3	6.7		7.1					
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-			
						2.4	-	-	-		-	-	-	-	-	-	-		-					
					Bottom	3.8	-	-	24.8	24.8	8.1	8.1	30.9	30.9	96.7	96.8	6.7	6.7	7.9	7.5	8			
						3.8	-	-	24.8		8.1	8.1	30.9	30.9	96.8	96.8	6.7		7.8					
SR2	Fine	Rough	10:33	4.5	Surface	1.0	0.2	294	24.8	24.8	8.1	8.1	31.0	31.0	98.2	98.2	6.8	6.8	10.2	11.3	12	12	821459	814162
						1.0	0.2	311	24.8		8.1	8.1	31.0	31.0	98.2	98.2	6.8		10.1					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.3	-			
						-	-	-	-		-	-	-	-	-	-	-		-					
					Bottom	3.5	0.2	319	24.8	24.8	8.1	8.1	31.0	31.0	99.1	99.2	6.9	6.9	12.6	11.3	12			
						3.5	0.2	335	24.8		8.1	8.1	31.0	31.0	99.2	99.2	6.9		12.4					
SR3	Fine	Rough	11:55	8.9	Surface	1.0	0.1	35	25.0	25.0	8.0	8.0	30.2	30.2	98.2	98.2	6.8	6.8	6.0	7.2	5	5	822157	807551
						1.0	0.1	36	25.0		8.0	8.0	30.3	30.3	98.1	98.1	6.8		6.0					
					Middle	4.5	0.1	14	25.0	25.0	8.0	8.0	30.3	30.3	97.2	97.2	6.8	6.8	6.6	7.2	5			
						4.5	0.1	14	25.0		8.0	8.0	30.3	30.3	97.2	97.2	6.8		6.6					
					Bottom	7.9	0.1	21	25.0	25.0	8.0	8.0	30.4	30.4	97.3	97.4	6.8	6.8	8.9	7.2	5			
						7.9	0.1	22	25.0		8.1	8.0	30.4	30.4	97.4	97.4	6.8		8.9					
SR4A	Fine	Moderate	11:18	9.0	Surface	1.0	0.3	222	23.8	23.8	8.1	8.1	29.5	29.5	91.0	91.1	6.5	6.5	1.2	4.0	4	4	817210	807821
						1.0	0.3	243	23.8		8.1	8.1	29.6	29.6	91.2	91.2	6.5		1.3					
					Middle	4.5	0.3	221	23.7	23.7	8.2	8.2	30.0	30.0	92.6	92.6	6.6	6.6	2.0	4.0	3			
						4.5	0.3	234	23.7		8.2	8.2	30.1	30.1	92.6	92.6	6.6		2.1					
					Bottom	8.0	0.3	208	23.6	23.6	8.2	8.2	30.4	30.4	93.1	93.2	6.6	6.6	8.9	4.0	3			
						8.0	0.3	211	23.6		8.2	8.2	30.4	30.4	93.2	93.2	6.6		8.5					
SR5A	Fine	Moderate	11:01	4.2	Surface	1.0	0.3	210	23.8	23.8	8.1	8.1	29.9	29.9	89.6	89.6	6.4	6.4	2.2	2.8	4	4	816589	810718
						1.0	0.3	229	23.8		8.1	8.1	29.9	29.9	89.6	89.6	6.4		2.2					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-			
						-	-	-	-		-	-	-	-	-	-	-		-					
					Bottom	3.2	0.3	198	23.8	23.8	8.1	8.1	29.9	29.9	90.6	90.9	6.5	6.5	3.3	2.8	4			
						3.2	0.3	202	23.8		8.1	8.1	29.9	29.9	91.1	91.1	6.5		3.7					
SR6A	Fine	Moderate	10:34	3.6	Surface	1.0	0.2	223	24.0	24.0	7.9	7.9	29.8	29.8	90.4	90.5	6.4	6.4	1.6	2.6	3	4	817981	814721
						1.0	0.2	224	24.0		7.9	7.9	29.8	29.8	90.5	90.5	6.4		1.7					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	-			
						-	-	-	-		-	-	-	-	-	-	-		-					
					Bottom	2.6	0.2	221	23.9	23.9	7.9	7.9	29.7	29.7	91.4	91.5	6.5	6.5	3.5	2.6	5			
						2.6	0.2	241	23.9		7.9	7.9	29.7	29.7	91.6	91.6	6.5		3.7					
SR7	Fine	Moderate	09:43	15.6	Surface	1.0	0.2	213	25.3	25.3	8.0	8.0	31.8	31.8	95.4	95.4	6.6	6.6	4.8	6.6	6	5	823640	823758
						1.0	0.2	225	25.3		8.0	8.0	31.8	31.8	95.4	95.4	6.6		4.8					
					Middle	7.8	0.2	213	25.4	25.4	8.0	8.0	32.0	32.0	94.9	94.9	6.5	6.5	5.6	6.6	5			
						7.8	0.2	219	25.4		8.0	8.0	32.0	32.0	94.9	94.9	6.5		5.7					
					Bottom	14.6	0.2	215	25.4	25.4	8.0	8.0	32.2	32.2	95.5	95.6	6.5	6.5	9.6	6.6	5			
						14.6	0.2	223	25.4		8.0	8.0	32.2	32.2	95.6	95.6	6.5		9.0					
SR8	Fine	Moderate	11:12	4.9	Surface	1.0	-	-	24.9	24.9	8.1	8.1	30.5	30.5	98.9	98.9	6.9	6.9	12.0	13.4	21	21	820385	811600
						1.0	-	-	24.9		8.1	8.1	30.5	30.5	98.9	98.9	6.9		11.9					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.4	-			
						-	-	-	-		-	-	-	-	-	-	-		-					
					Bottom	3.9	-	-	24.7	24.7	8.1	8.1	30.9	30.9	98.0	98.1	6.8	6.8	15.0	13.4	19			
						3.9	-	-	24.7		8.1	8.1	30.9	30.9	98.1	98.1	6.8		14.8					

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 November 21 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	Fine	Rough	04:56	7.0	Surface	1.0	0.5	162	23.6	23.6	8.2	8.2	32.1	32.1	90.8	90.8	6.4	6.5	3.5	4.1	30	29	815597	804261								
						1.0	0.5	163	23.6		8.2	8.2	32.1	32.1	90.8	90.8	6.4		3.5													
						3.5	0.4	165	23.7		8.2	8.2	32.1	32.1	93.9	93.9	6.6		3.7													
					Middle	3.5	0.4	177	23.7	23.7	8.2	8.2	32.1	32.1	93.8	93.8	6.6	6.6	3.7	6.6	30											
						6.0	0.4	170	23.8		8.1	8.1	32.2	32.2	93.7	93.7	6.6		5.1													
						6.0	0.4	174	23.8		8.1	8.1	32.2	32.2	93.7	93.7	6.6		5.0													
					C2	Fine	Calm	07:12	12.2	Surface	1.0	0.7	200	23.3	23.3	8.1	8.1	29.8	29.8	93.2	93.3				6.7	6.8	1.8	2.7	8	8	825684	806922
											1.0	0.8	214	23.3		8.1	8.1	29.9	29.9	93.3	93.3				6.7		1.7					
											6.1	0.8	178	23.4		8.1	8.1	30.0	30.0	94.1	94.3				6.8		2.9					
Middle	6.1	0.8	184	23.4						23.4	8.1	8.1	30.0	30.0	94.5	94.5	6.8	6.9	2.8	6.9	7											
	11.2	0.6	176	23.4							8.1	8.1	29.9	29.9	95.2	95.4	6.8		3.5													
	11.2	0.7	190	23.4							8.1	8.1	29.8	29.8	95.5	95.5	6.9		3.5													
C3	Fine	Calm	04:55	11.0						Surface	1.0	0.3	70	23.7	23.7	8.1	8.1	31.1	31.1	91.3	91.4	6.5	6.6	1.8	2.5	9	8	822129	817782			
											1.0	0.3	75	23.7		8.1	8.1	31.1	31.1	91.5	91.5	6.5		1.8								
											5.5	0.3	73	23.7		8.0	8.0	30.9	30.9	92.9	93.1	6.6		2.6								
					Middle	5.5	0.3	80	23.7	23.7	8.0	8.0	30.9	30.9	93.2	93.2	6.6	6.8	2.5	6.8	7											
						10.0	0.2	93	23.7		8.0	8.0	30.8	30.7	94.6	95.2	6.7		3.2													
						10.0	0.2	98	23.7		8.0	8.0	30.6	30.6	95.7	95.7	6.8		3.2													
					IM1	Fine	Rough	05:26	4.5	Surface	1.0	0.1	18	23.6	23.6	8.2	8.2	32.1	32.1	94.5	94.5	6.7	6.7	3.0	3.0	9				10	817936	807118
											1.0	0.1	19	23.6		8.2	8.2	32.1	32.1	94.5	94.5	6.7		3.0								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	3.5	0.1	9	23.6							8.2	8.2	32.1	32.1	94.5	94.5	6.7	2.9														
	3.5	0.1	9	23.6							8.2	8.2	32.1	32.1	94.5	94.5	6.7	2.9														
IM2	Fine	Rough	05:35	7.3						Surface	1.0	0.2	8	23.6	23.7	8.2	8.2	32.1	32.1	94.1	94.1	6.6	6.6	3.2	4.9	9	11	818173	806145			
											1.0	0.2	8	23.7		8.2	8.2	32.1	32.1	94.1	94.1	6.6		3.2								
											3.7	0.1	0	23.7		8.2	8.2	32.2	32.2	94.2	94.2	6.6		4.7								
					Middle	3.7	0.1	0	23.7	23.7	8.2	8.2	32.2	32.2	94.1	94.1	6.6	6.6	4.7	6.6	12											
						6.3	0.1	11	23.8		8.2	8.2	32.2	32.2	93.7	93.7	6.6		6.9													
						6.3	0.2	11	23.8		8.2	8.2	32.2	32.2	93.7	93.7	6.6		7.0													
					IM3	Fine	Rough	05:49	7.1	Surface	1.0	0.2	215	23.9	23.9	8.2	8.2	31.4	31.4	93.2	93.2	6.6	6.6	9.5	7.7	6				7	818795	805615
											1.0	0.2	219	23.9		8.2	8.2	31.4	31.4	93.2	93.2	6.6		9.6								
											3.6	0.2	221	23.9		8.1	8.1	31.4	31.4	93.2	93.2	6.6		6.4								
Middle	3.6	0.2	240	23.9						23.9	8.1	8.1	31.4	31.4	93.2	93.2	6.6	6.6	6.5	6.6	7											
	6.1	0.2	206	23.9							8.1	8.1	31.4	31.4	93.2	93.3	6.6		7.3													
	6.1	0.2	215	23.9							8.1	8.1	31.4	31.4	93.3	93.3	6.6		7.3													
IM4	Fine	Rough	06:00	7.2						Surface	1.0	0.7	187	24.3	24.3	8.2	8.2	31.2	31.2	90.7	90.7	6.4	6.4	10.2	11.6	8	8	819723	804597			
											1.0	0.8	198	24.3		8.2	8.2	31.2	31.2	90.7	90.7	6.4		10.3								
											3.6	0.7	187	24.3		8.2	8.2	31.2	31.2	90.8	90.8	6.4		11.4								
					Middle	3.6	0.7	203	24.3	24.3	8.2	8.2	31.2	31.2	90.8	90.8	6.4	6.5	11.5	6.5	7											
						6.2	0.5	185	24.2		8.2	8.2	31.2	31.2	92.5	92.7	6.5		13.2													
						6.2	0.5	194	24.2		8.2	8.2	31.2	31.2	92.8	92.8	6.5		13.3													
					IM5	Fine	Rough	06:09	7.4	Surface	1.0	0.8	227	24.1	24.1	8.2	8.2	30.9	30.9	91.2	91.2	6.4	6.4	10.1	12.2	11				19	820715	804860
											1.0	0.8	227	24.1		8.2	8.2	30.9	30.9	91.2	91.2	6.4		10.1								
											3.7	0.8	224	24.1		8.1	8.1	30.9	30.9	91.3	91.3	6.4		11.8								
Middle	3.7	0.8	242	24.1						24.1	8.1	8.1	30.9	30.9	91.3	91.3	6.4	6.6	11.9	6.6	20											
	6.4	0.6	228	24.1							8.2	8.2	31.0	31.0	92.8	92.9	6.5		14.8													
	6.4	0.7	240	24.1							8.2	8.2	31.0	31.0	92.9	92.9	6.6		14.8													
IM6	Fine	Rough	06:22	7.9						Surface	1.0	0.8	257	24.1	24.1	8.3	8.3	30.9	30.9	91.0	91.0	6.4	6.4	10.5	12.3	34	30	821053	805825			
											1.0	0.8	257	24.1		8.3	8.3	30.9	30.9	91.0	91.0	6.4		10.6								
											4.0	0.7	255	24.1		8.3	8.3	30.9	30.9	90.8	90.8	6.4		11.6								
					Middle	4.0	0.8	273	24.1	24.1	8.3	8.3	30.9	30.9	90.8	90.8	6.4	6.4	11.7	6.4	31											
						6.9	0.7	256	24.1		8.2	8.2	30.9	30.9	90.7	90.7	6.4		14.8													
						6.9	0.7	279	24.1		8.2	8.2	30.9	30.9	90.7	90.7	6.4		14.8													
					IM7	Fine	Rough	06:32	7.5	Surface	1.0	0.8	202	24.1	24.1	8.2	8.2	30.7	30.7	91.1	91.1	6.4	6.4	7.8	10.5	17				21	821353	806826
											1.0	0.8	216	24.1		8.2	8.2	30.7	30.7	91.0	91.0	6.4		7.9								
											3.8	0.7	202	24.2		8.1	8.1	31.0	31.0	91.0	91.0	6.4		12.4								
Middle	3.8	0.8	206	24.2						24.2	8.1	8.1	31.0	31.0	91.0	91.0	6.4	6.4	12.4	6.4	19											
	6.5	0.6	205	24.2							8.1	8.1	31.1	31.1	91.0	91.0	6.4		11.2													
	6.5	0.7	222	24.2							8.1	8.1	31.1	31.1	91.0	91.0	6.4		11.2													
IM8	Fine	Calm	06:41	8.0						Surface	1.0	0.4	244	23.5	23.5	8.1	8.1	30.7	30.7	92.3	92.4	6.6	6.6	1.1	1.8	9	8	821835	808143			
											1.0	0.5	251	23.5		8.1	8.1	30.7	30.7	92.4	92.4	6.6		1.0								
											4.0	0.4	228	23.5		8.1	8.1	30.7	30.7	93.2	93.3	6.6		1.7								
					Middle	4.0	0.4	238	23.5	23.5	8.1	8.1	30.7	30.7	93.4	93.4	6.7	6.8	1.7	6.8	7											
						7.0	0.3	221	23.5		8.1	8.1	30.6	30.6	94.4	94.8	6.7		2.7													
						7.0	0.3	229	23.5		8.1	8.1	30.6	30.6	95.2	95.2	6.8		2.7													

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

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

Water Quality Monitoring Results on 11 November 21 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									
IM9	Fine	Calm	06:35	7.6	Surface	1.0	0.2	202	23.6	23.6	8.1	8.1	30.7	30.7	92.6	92.7	6.6	6.7	1.0	1.6	7	7	822097	808826							
						1.0	0.2	219	23.6	8.1	8.1	30.7	30.7	92.7	92.7	6.6	6.7	1.1	7	7											
						3.8	0.3	203	23.6	8.1	8.1	30.7	30.7	93.4	93.5	6.7	6.7	1.4	7	7											
					Middle	3.8	0.3	212	23.5	23.6	8.1	8.1	30.7	30.7	93.5	93.5	6.7	6.7	1.4	7	7										
						6.6	0.1	189	23.5	23.5	8.1	8.1	30.6	30.6	94.6	94.9	6.7	6.8	2.4	6	6										
						6.6	0.2	199	23.5	23.5	8.1	8.1	30.6	30.6	95.1	95.1	6.8	6.8	2.4	7	7										
					IM10	Fine	Calm	06:27	9.0	Surface	1.0	0.3	127	23.6	23.6	8.1	8.1	30.7	30.7	91.6	91.7	6.5			6.6	1.0	1.1	9	9	822393	809797
											1.0	0.3	131	23.6	23.6	8.1	8.1	30.7	30.7	91.8	91.8	6.5			6.6	1.0	9	9			
											4.5	0.3	145	23.6	23.6	8.1	8.1	30.7	30.7	92.4	92.5	6.6			6.6	1.1	9	9			
Middle	4.5	0.4	150	23.6						23.6	8.1	8.1	30.7	30.7	92.6	92.6	6.6	6.6	1.1	8	8										
	8.0	0.3	135	23.5						23.6	8.1	8.1	30.6	30.6	93.5	93.8	6.7	6.7	1.3	7	7										
	8.0	0.3	144	23.6						23.6	8.1	8.1	30.5	30.5	94.0	94.0	6.7	6.7	1.2	7	7										
IM11	Fine	Calm	06:15	8.2						Surface	1.0	0.3	98	23.5	23.5	8.1	8.1	30.8	30.8	91.5	91.6	6.5	6.6	2.0	2.3	8	7	822062	811459		
											1.0	0.3	103	23.5	23.5	8.1	8.1	30.9	30.9	91.6	91.6	6.5	6.6	1.9	7	7					
											4.1	0.4	113	23.4	23.4	8.1	8.1	30.8	30.8	92.4	92.5	6.6	6.6	2.0	7	7					
					Middle	4.1	0.4	116	23.4	23.4	8.1	8.1	30.8	30.8	92.5	92.5	6.6	6.6	2.0	7	7										
						7.2	0.4	111	23.4	23.4	8.1	8.1	30.8	30.8	93.8	94.1	6.7	6.7	3.0	6	6										
						7.2	0.4	119	23.4	23.4	8.1	8.1	30.8	30.8	94.3	94.3	6.7	6.7	3.1	7	7										
					IM12	Fine	Calm	06:07	9.4	Surface	1.0	0.4	123	22.9	22.9	8.1	8.1	30.7	30.7	93.6	93.7	6.7	6.8	1.2	2.1	7	7			821467	812062
											1.0	0.4	132	22.9	22.9	8.1	8.1	30.7	30.7	93.7	93.7	6.8	6.8	1.2	8	8					
											4.7	0.3	119	22.9	22.9	8.1	8.1	30.7	30.7	94.0	94.1	6.8	6.8	2.0	7	7					
Middle	4.7	0.3	125	22.9						22.9	8.1	8.1	30.7	30.7	94.1	94.1	6.8	6.8	2.0	8	8										
	8.4	0.4	127	22.8						22.9	8.1	8.1	30.6	30.6	94.7	95.0	6.8	6.9	3.2	7	7										
	8.4	0.4	139	22.9						22.9	8.1	8.1	30.6	30.6	95.2	95.2	6.9	6.9	3.2	7	7										
SR1A	Fine	Calm	05:41	5.0						Surface	1.0	-	-	23.2	23.2	8.1	8.1	30.6	30.6	91.9	92.0	6.6	6.6	3.6	3.3	8	8	819972	812666		
											1.0	-	-	23.2	23.2	8.1	8.1	30.6	30.6	92.1	92.1	6.6	6.6	3.5	9	9					
											2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						4.0	-	-	22.9	22.9	8.1	8.1	30.5	30.5	93.3	93.5	6.7	6.8	3.1	7	7										
						4.0	-	-	22.9	22.9	8.1	8.1	30.5	30.5	93.7	93.7	6.8	6.8	3.1	7	7										
					SR2	Fine	Calm	05:22	5.2	Surface	1.0	0.3	84	22.9	22.9	8.1	8.1	30.8	30.8	95.1	95.1	6.8	6.8	1.1	1.3	7	7			821479	814143
											1.0	0.3	90	22.9	22.9	8.1	8.1	30.8	30.8	95.1	95.1	6.8	6.8	1.0	6	6					
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	4.2	0.3	82	22.9						22.9	8.1	8.1	30.8	30.8	96.5	96.7	6.9	7.0	1.6	7	7										
	4.2	0.3	89	22.9						22.9	8.1	8.1	30.8	30.8	96.8	96.8	7.0	7.0	1.5	6	6										
SR3	Fine	Calm	06:47	9.2						Surface	1.0	0.5	232	23.4	23.4	8.1	8.1	30.2	30.2	90.9	91.0	6.5	6.5	3.2	4.5	7	7	822147	807562		
											1.0	0.6	243	23.4	23.4	8.1	8.1	30.2	30.2	91.0	91.0	6.5	6.6	3.2	7	7					
											4.6	0.7	212	23.4	23.4	8.1	8.1	30.3	30.3	92.0	92.1	6.6	6.6	4.4	7	7					
					Middle	4.6	0.8	215	23.4	23.4	8.1	8.1	30.3	30.3	92.1	92.1	6.6	6.6	4.4	7	7										
						8.2	0.5	212	23.4	23.4	8.1	8.1	30.3	30.3	92.7	92.8	6.6	6.6	6.0	7	7										
						8.2	0.5	215	23.4	23.4	8.1	8.1	30.3	30.3	92.9	92.9	6.6	6.6	5.9	6	6										
					SR4A	Fine	Moderate	04:35	9.1	Surface	1.0	0.7	265	23.6	23.7	8.3	8.3	32.1	32.1	94.3	94.3	6.7	6.6	3.1	5.0	8	7			817182	807819
											1.0	0.7	266	23.7	23.7	8.3	8.3	32.1	32.1	94.3	94.3	6.6	6.6	3.2	8	8					
											4.6	0.6	264	23.7	23.7	8.2	8.2	32.1	32.1	93.9	93.9	6.6	6.6	5.9	6	6					
Middle	4.6	0.6	269	23.7						23.7	8.2	8.2	32.1	32.1	93.9	93.9	6.6	6.6	5.9	7	7										
	8.1	0.5	267	23.8						23.8	8.2	8.2	32.2	32.2	93.8	93.8	6.6	6.6	6.1	6	6										
	8.1	0.6	272	23.8						23.8	8.2	8.2	32.2	32.2	93.8	93.8	6.6	6.6	6.1	5	5										
SR5A	Fine	Moderate	04:22	3.8						Surface	1.0	0.2	254	23.6	23.6	8.2	8.1	32.1	32.1	94.6	94.6	6.7	6.7	3.1	3.5	5	5	816581	810704		
											1.0	0.2	271	23.6	23.6	8.1	8.1	32.1	32.1	94.6	94.6	6.7	6.7	3.2	6	6					
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						2.8	0.2	259	23.7	23.7	8.1	8.1	32.1	32.1	94.4	94.5	6.7	6.7	3.8	4	4										
						2.8	0.2	264	23.7	23.7	8.1	8.1	32.1	32.1	94.5	94.5	6.7	6.7	3.9	5	5										
					SR6A	Fine	Moderate	04:03	4.1	Surface	1.0	0.0	37	23.6	23.6	8.2	8.2	32.1	32.1	94.6	94.6	6.7	6.7	3.3	3.8	9	8			817986	814728
											1.0	0.0	39	23.6	23.6	8.2	8.2	32.1	32.1	94.6	94.6	6.7	6.7	3.3	8	8					
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	3.1	0.0	47	23.7						23.7	8.2	8.2	32.1	32.1	94.8	94.8	6.7	6.7	4.2	8	8										
	3.1	0.0	51	23.7						23.7	8.2	8.2	32.2	32.1	94.8	94.8	6.7	6.7	4.3	7	7										
SR7	Fine	Calm	04:16	16.0						Surface	1.0	0.5	114	24.2	24.2	8.0	8.0	31.7	31.7	88.9	88.9	6.2	6.2	4.9	5.7	8	8	823633	823751		
											1.0	0.5	117	24.2	24.2	8.0	8.0	31.7	31.7	88.9	88.9	6.2	6.2	4.9	9	9					
											8.0	0.4	119	24.2	24.2	8.0	8.0	31.7	31.7	89.1	89.2	6.2	6.3	5.2	8	8					
					Middle	8.0	0.4	123	24.2	24.2	8.0	8.0	31.7	31.7	89.2	89.2	6.3	6.3	5.1	7	7										
						15.0	0.4	145	24.1	24.1	8.0	8.0	31.6	31.6	89.5	89.6	6.3	6.3	7.0	7	7										
						15.0	0.4	145	24.1	24.1	8.0	8.0	31.6	31.6	89.6	89.6	6.3	6.3	6.9	8	8										
					SR8	Fine	Calm	06:00	5.0	Surface	1.0	-	-	23.5	23.5	8.1	8.1	30.5	30.5	91.1	91.2	6.5	6.5	4.3	4.8	8	13			820408	811633
											1.0	-	-	23.5	23.5	8.1	8.1	30.5	30.5	91.2	91.2	6.5	6.5	4.3	7	7					
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	4.0	-	-	23.5						23.5	8.1	8.1	30.5	30.4	91.6	91.8	6.5	6.6	5.3	7	7										
	4.0	-	-	23.5						23.5	8.1	8.1	30.4	30.4	91.9																

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

Water Quality Monitoring Results on 11 November 21 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	Fine	Rough	17:32	7.8	Surface	1.0	0.3	33	23.5	23.5	8.0	8.0	31.7	31.7	95.5	95.5	6.8	6.8	7.5	9.7	12	12	815630	804245			
						1.0	0.3	35	23.5		8.0	8.0	31.7	31.7	95.5	95.5	6.8		7.5								
						3.9	0.3	7	23.5		8.0	8.0	31.9	31.9	94.8	94.8	6.7		10.3								
					Middle	3.9	0.3	7	23.5	23.5	8.0	8.0	31.9	31.9	94.9	94.9	6.7	10.3	6.7	11							
						6.8	0.2	8	23.5		8.1	8.1	32.2	32.2	95.3	95.3	6.7	11.2									
						6.8	0.2	8	23.5		8.1	8.1	32.2	32.2	95.4	95.4	6.7	11.3									
C2	Fine	Calm	16:25	12.4	Surface	1.0	0.7	209	23.3	23.3	8.1	8.1	29.3	29.3	91.5	91.5	6.6	6.6	2.5	3.6	6	7	825672	806926			
						1.0	0.7	211	23.3		8.1	8.1	29.4	29.4	91.5	91.5	6.6		2.5								
						6.2	0.4	206	23.3		8.2	8.2	29.4	29.4	91.7	91.7	6.6		3.6								
					Middle	6.2	0.4	214	23.3	23.4	8.2	8.2	29.5	29.5	91.7	91.7	6.6	3.6	6.7	7							
						11.4	0.3	186	23.4		8.2	8.3	29.5	29.5	92.2	92.2	6.7	4.7									
						11.4	0.3	187	23.4		8.3	8.3	29.5	29.5	92.6	92.6	6.7	4.8									
C3	Fine	Calm	18:30	12.0	Surface	1.0	0.2	256	23.9	23.9	8.1	8.1	31.1	31.1	93.1	93.1	6.6	6.6	4.3	5.3	5	6	822124	817804			
						1.0	0.2	269	23.9		8.1	8.1	31.1	31.1	93.1	93.1	6.6		4.4								
						6.0	0.3	278	23.9		8.1	8.1	31.1	31.1	93.9	93.9	6.6		5.4								
					Middle	6.0	0.3	305	23.9	23.9	8.1	8.1	31.1	31.1	94.0	94.0	6.6	5.4	6.7	6							
						11.0	0.3	272	23.9		8.1	8.1	31.1	31.1	95.2	95.2	6.7	6.0									
						11.0	0.3	291	23.9		8.1	8.1	31.1	31.1	95.5	95.5	6.7	6.0									
IM1	Sunny	Moderate	17:12	5.0	Surface	1.0	0.2	49	23.8	23.8	8.0	8.0	31.8	31.8	96.2	96.2	6.8	6.8	6.1	8.1	10	9	817926	807147			
						1.0	0.2	50	23.8		8.0	8.0	31.8	31.8	96.2	96.2	6.8		6.1								
						-	-	-	-		-	-	-	-	-	-	-		-		-						
					Middle	-	-	-	-	23.8	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						4.0	0.2	44	23.8		8.1	8.1	32.0	32.0	96.7	96.8	6.8	10.1									
						4.0	0.2	47	23.8		8.1	8.1	32.0	32.0	96.8	96.8	6.8	10.1									
IM2	Sunny	Rough	17:05	6.9	Surface	1.0	0.4	27	23.7	23.7	8.1	8.1	31.7	31.7	96.0	96.0	6.8	6.8	4.1	9.2	7	7	818169	806153			
						1.0	0.4	28	23.7		8.1	8.1	31.7	31.7	96.0	96.0	6.8		4.1								
						3.5	0.4	22	23.6		8.1	8.1	31.9	31.9	95.0	95.0	6.7		11.1								
					Middle	3.5	0.4	22	23.6	23.6	8.1	8.1	31.9	31.9	95.0	95.0	6.7	11.1	6.7	7							
						5.9	0.3	23	23.6		8.1	8.1	32.0	32.0	95.3	95.3	6.7	12.5									
						5.9	0.3	23	23.6		8.1	8.1	32.0	32.0	95.4	95.4	6.7	12.5									
IM3	Sunny	Rough	16:59	7.9	Surface	1.0	0.4	41	23.8	23.8	8.1	8.1	31.9	31.9	97.1	97.1	6.8	6.8	3.9	5.7	9	8	818770	805608			
						1.0	0.5	42	23.8		8.1	8.1	32.0	32.0	97.1	97.1	6.8		3.9								
						4.0	0.4	41	23.8		8.1	8.1	32.0	32.0	96.9	96.9	6.8		4.2								
					Middle	4.0	0.5	41	23.8	23.8	8.1	8.1	32.0	32.0	96.9	96.9	6.8	4.2	6.8	8							
						6.9	0.4	43	23.8		8.1	8.1	32.1	32.1	96.5	96.5	6.8	8.9									
						6.9	0.4	43	23.8		8.1	8.1	32.1	32.1	96.5	96.5	6.8	8.9									
IM4	Sunny	Rough	16:49	8.0	Surface	1.0	0.4	38	23.7	23.7	8.1	8.1	32.0	32.0	95.8	95.8	6.8	6.8	4.0	4.1	6	9	819748	804621			
						1.0	0.4	41	23.7		8.1	8.1	32.0	32.0	95.8	95.8	6.7		4.0								
						4.0	0.4	38	23.7		8.1	8.1	32.1	32.1	95.5	95.5	6.7		4.1								
					Middle	4.0	0.4	39	23.7	23.7	8.1	8.1	32.1	32.1	95.5	95.5	6.7	4.2	6.7	9							
						7.0	0.3	34	23.7		8.1	8.1	32.1	32.1	95.6	95.6	6.7	4.1									
						7.0	0.3	36	23.7		8.1	8.1	32.1	32.1	95.6	95.6	6.7	4.1									
IM5	Sunny	Rough	16:42	8.1	Surface	1.0	0.3	37	24.1	24.1	7.9	7.9	31.0	31.0	91.6	91.7	6.4	6.4	6.2	7.0	16	14	820742	804857			
						1.0	0.3	38	24.1		7.9	7.9	31.0	31.0	91.7	91.7	6.4		6.2								
						4.1	0.3	34	24.1		7.9	7.9	31.0	31.0	91.6	91.6	6.4		6.8								
					Middle	4.1	0.3	37	24.1	24.1	7.9	7.9	31.0	31.0	91.6	91.6	6.4	6.9	6.5	15							
						7.1	0.3	35	24.1		7.9	7.9	31.0	31.0	91.8	91.9	6.5	8.0									
						7.1	0.3	36	24.1		7.9	7.9	31.0	31.0	91.9	91.9	6.5	8.0									
IM6	Sunny	Rough	16:32	7.9	Surface	1.0	0.4	34	24.1	24.1	8.0	8.0	30.6	30.6	91.7	91.7	6.5	6.5	5.3	6.6	13	13	821036	805836			
						1.0	0.4	35	24.1		8.0	8.0	30.6	30.6	91.7	91.7	6.5		5.3								
						4.0	0.3	33	24.1		7.9	7.9	30.9	30.9	91.4	91.4	6.4		6.7								
					Middle	4.0	0.4	34	24.1	24.1	7.9	7.9	30.9	30.9	91.4	91.4	6.4	6.8	6.4	14							
						6.9	0.3	34	24.1		8.0	8.0	31.0	31.0	91.4	91.4	6.4	7.7									
						6.9	0.3	36	24.1		8.0	8.0	31.0	31.0	91.4	91.4	6.4	7.6									
IM7	Sunny	Rough	16:25	7.6	Surface	1.0	0.5	36	24.1	24.1	8.1	8.1	30.3	30.3	92.7	92.7	6.6	6.6	4.9	7.3	11	11	821360	806858			
						1.0	0.5	37	24.1		8.1	8.1	30.3	30.3	92.7	92.7	6.6		4.8								
						3.8	0.4	39	24.1		8.1	8.1	30.8	30.8	91.8	91.8	6.5		7.7								
					Middle	3.8	0.5	39	24.1	24.1	8.1	8.1	30.8	30.8	91.8	91.8	6.5	7.8	6.5	12							
						6.6	0.4	39	24.1		8.1	8.1	31.2	31.2	92.2	92.3	6.5	9.2									
						6.6	0.4	40	24.1		8.1	8.1	31.2	31.2	92.3	92.3	6.5	9.2									
IM8	Fine	Calm	16:49	8.0	Surface	1.0	0.2	252	23.4	23.4	8.1	8.1	29.9	29.9	93.1	93.2	6.7	6.7	1.8	2.5	7	6	821841	808152			
						1.0	0.3	259	23.4		8.1	8.1	29.9	29.9	93.2	93.2	6.7		1.9								
						4.0	0.1	217	23.4		8.1	8.1	30.0	30.0	93.6	93.7	6.7		2.6								
					Middle	4.0	0.1	230	23.4	23.4	8.1	8.1	30.0	30.0	93.6	93.7	6.7	2.5	6.9	7							
						7.0	0.3	218	23.4		8.1	8.1	30.0	29.9	94.9	95.2	6.8	3.1									
						7.0	0.3	235	23.4		8.1	8.1	29.9	29.9	95.4	95.4	6.9	3.1									

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 11 November 21 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										
IM9	Fine	Calm	16:56	7.6	Surface	1.0	0.2	260	23.4	23.4	8.1	8.1	30.0	30.0	93.4	93.5	6.7	6.8	3.1	4.2	7	8	822104	808809								
						1.0	0.2	265	23.4		8.1	8.1	30.0	30.0	93.5	94.1	6.7		3.2													
						3.8	0.3	234	23.4		8.1	8.1	30.0	30.0	94.1	94.4	6.8		4.2													
					Middle	3.8	0.3	243	23.4	23.4	8.1	8.1	30.1	30.0	94.4	94.4	6.8	6.9	4.1	6.9	8											
						6.6	0.2	276	23.4		8.1	8.1	30.2	30.1	95.4	95.7	6.8		5.2													
						6.6	0.3	278	23.4		8.1	8.1	30.1	30.1	96.0	96.0	6.9		5.2													
					IM10	Fine	Calm	17:04	8.6	Surface	1.0	0.3	274	23.3	23.3	8.1	8.1	30.4	30.4	94.3	94.4				6.8	6.8	1.2	2.2	8	6	822369	809794
											1.0	0.4	291	23.3		8.1	8.1	30.5	30.5	94.4	95.0				6.8		1.2					
											4.3	0.3	278	23.2		8.1	8.1	30.5	30.5	94.9	95.0				6.8		2.5					
Middle	4.3	0.3	280	23.2						23.2	8.1	8.1	30.5	30.5	95.0	95.0	6.8	6.9	2.4	6.9	6											
	7.6	0.3	328	23.1							8.1	8.1	30.5	30.5	95.4	95.7	6.9		3.1													
	7.6	0.3	344	23.2							8.1	8.1	30.5	30.5	95.9	95.9	6.9		3.1													
IM11	Fine	Calm	17:16	8.5						Surface	1.0	0.4	292	23.4	23.4	8.1	8.1	30.8	30.8	94.0	94.1	6.7	6.7	1.1	1.5	6	7	822064	811458			
											1.0	0.4	310	23.4		8.1	8.1	30.8	30.8	94.1	94.4	6.7		1.0								
											4.3	0.4	291	23.4		8.1	8.1	30.8	30.8	94.3	94.4	6.7		1.2								
					Middle	4.3	0.5	305	23.4	23.4	8.1	8.1	30.8	30.8	94.5	94.5	6.7	6.8	1.1	6.8	8											
						7.5	0.4	276	23.4		8.1	8.1	30.8	30.8	95.1	95.3	6.8		2.3													
						7.5	0.4	282	23.4		8.1	8.1	30.8	30.8	95.4	95.4	6.8		2.3													
					IM12	Fine	Calm	17:25	9.8	Surface	1.0	0.4	269	23.0	23.0	8.1	8.1	30.7	30.7	95.5	95.5	6.9	6.9	2.1	3.4	5				6	821459	812064
											1.0	0.4	284	22.9		8.1	8.1	30.7	30.7	95.4	95.4	6.9		2.1								
											4.9	0.4	284	22.9		8.1	8.1	30.7	30.7	95.3	95.4	6.9		3.5								
Middle	4.9	0.4	294	22.9						22.9	8.1	8.1	30.7	30.7	95.4	95.4	6.9	6.9	3.5	6.9	6											
	8.8	0.3	277	22.9							8.1	8.1	30.7	30.7	95.8	96.0	6.9		4.5													
	8.8	0.3	278	22.9							8.1	8.1	30.7	30.7	96.1	96.1	6.9		4.5													
SR1A	Fine	Calm	17:50	4.8						Surface	1.0	-	-	23.5	23.5	8.1	8.1	30.5	30.5	92.1	92.4	6.6	6.6	2.6	2.8	6	6	819977	812658			
											1.0	-	-	23.5		8.1	8.1	30.5	30.5	92.6	92.6	6.6		2.6								
											2.4	-	-	-		-	-	-	-	-	-	-		-		-						
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
						3.8	-	-	23.5		8.1	8.1	30.6	30.5	93.9	94.1	6.7	3.0														
						3.8	-	-	23.5		8.1	8.1	30.5	30.5	94.2	94.2	6.7	3.0														
					SR2	Fine	Calm	18:04	4.0	Surface	1.0	0.2	110	23.5	23.5	8.1	8.1	30.6	30.6	95.1	95.2	6.8	6.8	1.4	2.2	5				6	821471	814176
											1.0	0.2	118	23.5		8.1	8.1	30.6	30.6	95.2	95.2	6.8		1.4								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	3.0	0.0	180	23.8							8.1	8.1	30.5	30.5	95.9	96.1	6.8	2.9														
	3.0	0.0	191	23.8							8.1	8.1	30.5	30.5	96.2	96.2	6.8	2.9														
SR3	Fine	Calm	16:43	10.4						Surface	1.0	0.4	217	23.4	23.4	8.1	8.1	29.8	29.8	93.0	93.1	6.7	6.7	1.5	2.3	6	8	822124	807567			
											1.0	0.4	220	23.4		8.1	8.1	29.8	29.8	93.1	93.1	6.7		1.4								
											5.2	0.4	221	23.4		8.1	8.1	29.8	29.8	93.9	94.0	6.7		2.4								
					Middle	5.2	0.4	224	23.4	23.4	8.1	8.1	29.8	29.8	94.1	94.1	6.8	2.4	6.9	7	6.9	6										
						9.4	0.2	223	23.3		8.1	8.1	29.8	29.8	95.3	95.5	6.8	3.1														
						9.4	0.2	223	23.4		8.1	8.1	29.8	29.8	95.7	95.7	6.9	3.1														
					SR4A	Fine	Rough	17:51	9.9	Surface	1.0	0.0	194	23.7	23.7	8.1	8.1	31.2	31.2	94.5	94.5	6.7	6.7	5.3	5.9	9				9	817167	807821
											1.0	0.0	200	23.7		8.1	8.1	31.2	31.2	94.5	94.5	6.7		5.3								
											5.0	0.0	170	23.6		8.0	8.0	31.3	31.3	94.3	94.3	6.7		6.1								
Middle	5.0	0.0	171	23.6						23.6	8.0	8.0	31.3	31.3	94.3	94.3	6.7	6.0	6.7	9	6.7	8										
	8.9	0.0	32	23.6							8.1	8.1	31.3	31.3	94.6	94.6	6.7	6.5														
	8.9	0.0	32	23.6							8.1	8.1	31.3	31.3	94.6	94.6	6.7	6.4														
SR5A	Fine	Moderate	18:07	4.6						Surface	1.0	0.1	276	24.0	24.0	8.2	8.2	31.1	31.1	93.1	93.1	6.6	6.6	5.8	6.4	9	9	816601	810681			
											1.0	0.1	283	24.0		8.2	8.2	31.1	31.1	93.1	93.1	6.6		5.9								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
						3.6	0.1	277	23.9		8.2	8.2	31.2	31.2	92.8	92.8	6.6	6.9														
						3.6	0.1	300	23.9		8.2	8.2	31.2	31.2	92.8	92.8	6.6	6.9														
					SR6A	Fine	Moderate	18:33	4.5	Surface	1.0	0.1	62	24.4	24.4	8.1	8.1	31.1	31.1	92.2	92.2	6.5	6.5	6.7	6.4	10				10	817948	814724
											1.0	0.1	63	24.4		8.1	8.1	31.1	31.1	92.2	92.2	6.5		6.7								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	3.5	0.0	126	24.5							8.1	8.1	31.4	31.4	91.0	91.1	6.3	6.1														
	3.5	0.0	136	24.5							8.1	8.1	31.4	31.4	91.1	91.1	6.4	6.2														
SR7	Fine	Calm	18:56	16.0						Surface	1.0	0.3	281	23.9	23.9	8.1	8.1	31.1	31.1	91.6	91.7	6.5	6.5	1.3	1.9	5	5	823624	823720			
											1.0	0.3	296	23.9		8.1	8.1	31.1	31.1	91.7	92.1	6.5		1.3								
											8.0	0.1	197	23.9		8.1	8.1	31.1	31.1	92.0	92.1	6.5		2.1								
					Middle	8.0	0.1	200	23.9	23.9	8.1	8.1	31.2	31.2	92.1	92.1	6.5	2.0	6.5	5	6.5	6										
						15.0	0.1	347	23.9		8.1	8.1	31.2	31.2	92.3	92.4	6.5	2.2														
						15.0	0.1	347	23.9		8.1	8.1	31.2	31.2	92.4	92.4	6.5	2.2														
					SR8	Fine	Calm	17:44	4.6	Surface	1.0	-	-	23.4	23.4	8.1	8.1	30.4	30.4	90.9	91.1	6.5	6.5	1.5	1.8	5				6	820384	811606
											1.0	-	-	23.4		8.1	8.1	30.4	30.4	91.2	91.2	6.5		1.5								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	3.6	-	-	23.4							8.1	8.1	30.4	30.4	92.6	92.7	6.6	2.2														
	3.6	-	-	23.4							8.1	8.1	30.4	30.4	92.6	92.6	6.6	2.2														

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 13 November 21 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	Fine	Moderate	08:33	8.4	Surface	1.0	0.4	204	23.2	23.3	7.9	7.9	31.4	31.4	93.6	93.5	6.7	6.5	0.8	5.2	6	5	815610	804223	
						1.0	0.4	219	23.3	7.9	7.9	31.4	31.4	93.3	93.5	6.7	6.5	0.8	5.2	6	5				
						4.2	0.4	218	23.9	23.9	7.9	7.9	31.1	31.1	88.1	88.0	6.2	6.5	3.1	5	5	5			
					4.2	0.4	236	23.9	23.9	7.9	7.9	31.1	31.1	87.8	88.0	6.2	6.5	3.5	5	5	5				
					7.4	0.2	189	24.2	24.2	7.9	7.9	33.2	33.2	85.7	83.9	6.0	5.9	11.1	4	4	4				
					7.4	0.2	194	24.1	24.2	7.9	7.9	33.2	33.2	82.1	83.9	5.7	5.9	11.8	4	4	4				
					1.0	0.7	168	23.8	23.8	8.1	8.1	31.7	31.7	101.3	101.3	7.1	7.2	2.2	3.5	5	6	5			6
					1.0	0.7	168	23.8	23.8	8.1	8.1	31.7	31.7	101.3	101.3	7.1	7.2	2.2	3.5	5	6	5			6
					5.6	0.5	156	23.8	23.8	8.1	8.1	31.9	31.9	102.3	102.5	7.2	7.2	3.4	6	6	6				
5.6	0.6	160	23.8	23.8	8.1	8.1	31.9	31.9	102.7	102.5	7.2	7.3	3.5	6	6	6									
10.2	0.4	151	23.8	23.8	8.1	8.1	31.8	31.8	103.8	104.0	7.3	7.3	5.0	7	7	7									
10.2	0.5	161	23.8	23.8	8.1	8.1	31.8	31.8	104.1	104.0	7.3	7.3	5.0	7	7	7									
C3	Fine	Calm	07:07	11.0	Surface	1.0	0.2	80	24.1	24.1	8.1	8.1	32.6	32.6	100.3	100.6	7.0	7.1	3.0	3.4	5	5	822086	817814	
						1.0	0.2	80	24.1	24.1	8.1	8.1	32.6	32.6	100.8	100.6	7.0	7.1	3.0	3.4	5	5			
						5.5	0.1	79	24.2	24.2	8.1	8.1	32.6	32.6	102.7	102.9	7.2	7.1	3.1	5	5	5			
					5.5	0.1	79	24.2	24.2	8.1	8.1	32.6	32.6	103.0	102.9	7.2	7.2	3.0	5	5	5				
					10.0	0.1	94	24.2	24.2	8.1	8.1	32.6	32.6	104.8	105.2	7.3	7.4	4.0	6	6	6				
					10.0	0.1	101	24.1	24.2	8.1	8.1	32.6	32.6	105.5	105.2	7.4	7.4	4.1	6	6	6				
					1.0	0.0	240	23.5	23.6	7.9	7.9	31.8	31.8	87.3	87.2	6.2	6.2	3.9	6.9	5	4	5			4
					1.0	0.0	244	23.6	23.6	7.9	7.9	31.9	31.9	87.0	87.2	6.1	6.2	4.3	6.9	5	4	5			4
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-
4.4	0.0	213	23.8	23.8	7.9	7.8	32.2	32.2	78.8	78.5	5.5	5.5	9.4	3	3	3	3	3							
4.4	0.0	223	23.8	23.8	7.9	7.8	32.2	32.2	78.2	78.5	5.5	5.5	10.0	3	3	3	3	3							
IM2	Fine	Moderate	09:07	6.4	Surface	1.0	0.2	168	23.3	23.3	8.1	8.1	31.3	31.3	93.8	93.9	6.7	6.7	0.6	1.5	4	5	818182	806188	
						1.0	0.2	178	23.3	23.3	8.1	8.1	31.3	31.3	93.9	93.9	6.7	6.7	0.6	1.5	4	5			
						3.2	0.1	206	23.3	23.3	8.0	8.0	31.5	31.5	93.1	93.0	6.6	6.6	1.4	5	5	5			
					3.2	0.1	212	23.3	23.3	8.0	8.0	31.5	31.5	92.9	93.0	6.6	6.6	1.4	5	5	5				
					5.4	0.2	167	23.5	23.5	8.0	8.0	31.8	31.8	91.2	91.1	6.5	6.5	2.4	6	6	6				
					5.4	0.2	182	23.5	23.5	8.0	8.0	31.8	31.8	90.9	91.1	6.4	6.5	2.6	6	6	6				
					1.0	0.3	120	23.5	23.5	8.0	8.0	31.3	31.4	86.6	86.6	6.2	6.1	6.0	7.4	5	6	5			6
					1.0	0.3	124	23.5	23.5	8.0	8.0	31.4	31.4	86.5	86.6	6.1	6.1	6.2	7.4	5	6	5			6
					3.3	0.3	107	23.7	23.8	8.0	8.0	31.9	32.0	85.2	85.1	6.0	6.0	7.6	5	5	5				
3.3	0.3	117	23.8	23.8	8.0	8.0	32.0	32.0	85.0	85.1	6.0	6.0	8.2	5	5	5									
5.6	0.2	58	23.8	23.8	7.9	7.9	32.4	32.4	80.0	79.8	5.6	5.6	8.2	6	6	6									
5.6	0.2	61	23.8	23.8	7.9	7.9	32.4	32.4	79.5	79.8	5.6	5.6	8.4	6	6	6									
IM4	Fine	Moderate	09:29	8.1	Surface	1.0	0.6	192	23.5	23.5	8.1	8.1	31.5	31.5	92.8	92.8	6.6	6.6	3.9	7.6	5	4	819742	804583	
						1.0	0.7	210	23.5	23.5	8.1	8.1	31.5	31.5	92.8	92.8	6.6	6.6	4.1	7.6	5	4			
						4.1	0.7	185	23.5	23.5	8.0	8.0	31.5	31.5	91.5	91.5	6.5	6.5	8.5	4	4	4			
					4.1	0.7	200	23.5	23.5	8.0	8.0	31.6	31.6	91.4	91.5	6.5	6.5	8.6	4	4	4				
					7.1	0.5	187	23.5	23.5	8.0	8.0	31.6	31.6	90.5	90.5	6.4	6.4	10.2	3	3	3				
					7.1	0.5	199	23.5	23.5	8.0	8.0	31.6	31.6	90.5	90.5	6.4	6.4	10.2	3	3	3				
					1.0	0.7	214	23.5	23.5	8.1	8.1	31.6	31.6	91.9	91.9	6.5	6.5	3.7	5.4	6	5	6			5
					1.0	0.8	231	23.5	23.5	8.1	8.1	31.6	31.6	91.8	91.9	6.5	6.5	3.8	5.4	5	5	5			5
					3.9	0.6	219	23.6	23.6	8.0	8.0	31.7	31.7	89.8	89.7	6.4	6.4	5.8	5	5	5				
3.9	0.7	237	23.6	23.6	8.0	8.0	31.7	31.7	89.6	89.7	6.3	6.3	5.9	5	5	5									
6.8	0.6	221	23.5	23.5	8.0	8.0	31.7	31.7	88.3	88.3	6.3	6.3	6.6	4	4	4									
6.8	0.6	240	23.5	23.5	8.0	8.0	31.7	31.7	88.2	88.3	6.3	6.3	6.4	3	3	3									
IM6	Fine	Moderate	09:50	6.8	Surface	1.0	0.5	236	23.3	23.3	8.1	8.1	31.2	31.2	90.2	90.1	6.4	6.4	1.3	4.5	3	4	821055	805846	
						1.0	0.6	252	23.3	23.3	8.1	8.1	31.2	31.2	89.9	90.1	6.4	6.4	1.4	4.5	3	4			
						3.4	0.6	234	23.4	23.4	8.1	8.1	31.4	31.4	88.4	88.4	6.3	6.3	1.8	4	4	4			
					3.4	0.7	252	23.4	23.4	8.1	8.1	31.4	31.4	88.3	88.4	6.3	6.3	1.8	4	4	4				
					5.8	0.4	241	23.3	23.3	8.0	8.0	31.4	31.4	82.6	82.4	5.9	5.9	10.3	5	5	5				
					5.8	0.4	259	23.3	23.3	8.0	8.0	31.4	31.4	82.1	82.4	5.8	5.8	10.3	5	5	5				
					1.0	0.5	222	23.3	23.3	8.2	8.2	31.1	31.1	93.0	92.9	6.6	6.6	1.1	1.7	6	5	6			5
					1.0	0.5	227	23.3	23.3	8.2	8.2	31.1	31.1	92.8	92.9	6.6	6.6	1.1	1.7	6	5	6			5
					4.1	0.5	220	23.3	23.3	8.2	8.2	31.2	31.2	90.7	90.6	6.5	6.5	1.7	4	4	4				
4.1	0.5	235	23.3	23.3	8.2	8.2	31.2	31.2	90.4	90.6	6.5	6.5	1.8	4	4	4									
7.1	0.3	246	23.3	23.3	8.2	8.2	31.3	31.3	88.7	88.6	6.3	6.3	2.3	5	5	5									
7.1	0.3	266	23.3	23.3	8.2	8.2	31.3	31.3	88.5	88.6	6.3	6.3	2.3	4	4	4									
IM8	Fine	Calm	09:18	7.2	Surface	1.0	0.3	240	23.2	23.2	8.1	8.1	31.8	31.8	104.9	104.9	7.5	7.5	4.0	4.6	4	3	821828	808152	
						1.0	0.3	261	23.2	23.2	8.1	8.1	31.8	31.8	104.9	104.9	7.5	7.5	4.1	4.6	4	3			
						3.6	0.2	246	23.2	23.2	8.1	8.1	31.9	31.9	105.4	105.5	7.5	7.5	4.3	3	3	3			
					3.6	0.2	256	23.2	23.2	8.1	8.1	31.9	31.9	105.5	105.5	7.5	7.5	4.3	3	3	3				
					6.2	0.2	230	23.2	23.2	8.1	8.1	31.8	31.8	106.2	106.5	7.6	7.6	5.6	2	2	2				
					6.2	0.2	246	23.2	23.2	8.1	8.1	31.9	31.9	106.8	106.5	7.6	7.6	5.5	2	2	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 13 November 21 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							
IM9	Fine	Calm	09:12	7.0	Surface	1.0	0.3	180	23.2	23.2	8.1	8.1	31.8	31.8	104.5	104.6	7.4	7.5	6.5	7.3	4	3	822090	808826					
						1.0	0.3	190	23.2		8.1	8.1	31.8	31.8	104.7	104.6	7.5		6.5										
						3.5	0.2	180	23.2		8.1	8.1	31.8	31.8	105.3	105.4	7.5		7.2										
					Middle	3.5	0.3	182	23.2	23.2	8.1	8.1	31.9	31.9	105.5	105.4	7.5	7.1	7.6	7.5	7.3	3	3	822090	808826				
						6.0	0.2	187	23.2		8.1	8.1	31.8	31.8	106.2	106.3	7.6	8.2											
						6.0	0.2	191	23.2		8.1	8.1	31.8	31.8	106.4	106.3	7.6	8.1											
					IM10	Fine	Calm	08:59	9.0	Surface	1.0	0.6	167	23.4	23.4	8.1	8.1	32.1	32.0	102.9	103.0	7.3	7.3	5.0	6.2	<2	5	822397	809785
											1.0	0.6	170	23.4		8.1	8.1	32.0	32.0	103.0	103.0	7.3		5.0					
											4.5	0.7	152	23.4		8.1	8.1	32.1	32.1	103.6	103.8	7.3		5.8					
Middle	4.5	0.7	156	23.4						23.4	8.1	8.1	32.1	32.1	103.9	103.9	7.4	5.9	7.4	5.9	6.2	<2	5	822397	809785				
	8.0	0.5	153	23.4							8.1	8.1	32.1	32.1	104.9	105.0	7.4	7.8											
	8.0	0.5	155	23.3							8.1	8.1	32.1	32.1	105.1	105.0	7.5	7.8											
IM11	Fine	Calm	08:15	8.2						Surface	1.0	0.4	137	23.9	23.9	8.1	8.1	31.9	31.9	99.6	99.6	7.0	7.0	7.2	8.1	4	5	822060	811477
											1.0	0.5	137	23.9		8.1	8.1	32.0	32.0	100.0	100.3	7.0		7.2					
											4.1	0.4	136	24.0		8.1	8.1	32.0	32.0	100.1	100.3	7.0		8.2					
					Middle	4.1	0.5	144	24.0	24.0	8.1	8.1	32.0	32.0	100.4	100.4	7.0	8.1	7.4	7.0	8.1	5	5	822060	811477				
						7.2	0.3	139	24.0		8.1	8.1	32.0	32.0	104.5	105.6	7.3	9.1											
						7.2	0.4	142	23.9		8.1	8.1	31.9	31.9	106.7	106.7	7.5	9.0											
					IM12	Fine	Calm	08:07	9.4	Surface	1.0	0.3	122	23.6	23.6	8.1	8.1	31.8	31.8	101.4	101.4	7.2	7.2	2.1	3.1	5	4	821463	812045
											1.0	0.3	128	23.6		8.1	8.1	31.8	31.8	101.4	101.4	7.2		2.1					
											4.7	0.3	120	23.7		8.1	8.1	31.8	31.8	101.0	101.0	7.1		3.1					
Middle	4.7	0.4	124	23.7						23.7	8.1	8.1	31.8	31.8	101.0	101.0	7.1	3.2	7.5	4.0	7.5	4	4	821463	812045				
	8.4	0.4	118	23.7							8.1	8.1	31.8	31.8	105.1	105.4	7.4	4.0											
	8.4	0.4	128	23.6							8.1	8.1	31.8	31.8	105.7	105.7	7.5	4.1											
SR1A	Fine	Calm	07:42	5.0						Surface	1.0	-	-	24.0	24.0	8.1	8.1	32.2	32.2	99.0	99.1	6.9	6.9	3.5	4.0	2	3	819973	812660
											1.0	-	-	24.0		8.1	8.1	32.3	32.2	99.2	99.2	6.9		3.5					
											2.5	-	-	-		-	-	-	-	-	-	-		-		-			
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						4.0	-	-	24.0		8.1	8.1	32.2	32.2	99.7	99.8	7.0	4.5											
						4.0	-	-	24.0		8.1	8.1	32.2	32.2	99.9	99.9	7.0	4.4											
					SR2	Fine	Calm	07:31	5.2	Surface	1.0	0.2	118	24.0	24.1	8.1	8.1	32.3	32.3	102.1	102.3	7.1	7.2	3.7	4.1	6	5	821453	814178
											1.0	0.2	118	24.1		8.1	8.1	32.3	32.3	102.4	102.3	7.2		3.6					
											-	-	-	-		-	-	-	-	-	-	-		-					
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	4.2	0.2	128	24.1							8.1	8.1	32.4	32.4	105.8	106.9	7.4	4.7											
	4.2	0.2	134	24.0							8.1	8.1	32.5	32.5	108.0	108.0	7.6	4.6											
SR3	Fine	Calm	09:24	9.2						Surface	1.0	0.3	232	23.2	23.3	8.1	8.1	31.7	31.7	103.5	103.6	7.4	7.4	4.1	5.2	4	4	822125	807576
											1.0	0.3	245	23.3		8.1	8.1	31.8	31.8	103.6	103.6	7.4		4.2					
											4.6	0.2	230	23.4		8.1	8.1	32.0	32.0	104.9	105.1	7.4		5.1					
					Middle	4.6	0.2	234	23.4	23.4	8.1	8.1	32.0	32.0	105.2	105.1	7.5	5.1	7.6	5.1	7.6	3	4	822125	807576				
						8.2	0.1	266	23.3		8.1	8.1	31.9	31.9	105.9	106.1	7.5	6.2											
						8.2	0.1	267	23.3		8.1	8.1	31.9	31.9	106.3	106.1	7.6	6.2											
					SR4A	Fine	Moderate	08:10	8.2	Surface	1.0	0.1	304	23.6	23.6	8.0	8.0	31.5	31.5	91.8	91.8	6.5	6.5	1.4	2.0	5	5	817206	807827
											1.0	0.1	328	23.6		8.0	8.0	31.5	31.5	91.7	91.7	6.5		1.4					
											4.1	0.1	226	23.8		7.9	7.9	32.0	32.0	86.5	86.5	6.1		2.3					
Middle	4.1	0.1	234	23.8						23.8	7.9	7.9	32.0	32.0	86.4	86.4	6.1	2.3	6.3	2.3	6.3	5	5	817206	807827				
	7.2	0.1	228	23.8							7.9	7.9	32.1	32.1	84.5	84.4	5.9	2.4											
	7.2	0.1	234	23.8							7.9	7.9	32.1	32.1	84.3	84.4	5.9	2.5											
SR5A	Fine	Moderate	07:51	3.7						Surface	1.0	0.1	285	23.3	23.3	8.0	8.0	31.4	31.4	90.7	90.6	6.5	6.5	8.7	7.8	5	5	816601	810701
											1.0	0.1	296	23.3		8.0	8.0	31.4	31.4	90.5	90.5	6.4		9.1					
											-	-	-	-		-	-	-	-	-	-	-		-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						2.7	0.0	314	23.3		8.0	8.0	31.5	31.5	86.9	86.8	6.2	6.6											
						2.7	0.0	327	23.3		8.0	8.0	31.5	31.5	86.7	86.7	6.2	6.6											
					SR6A	Fine	Moderate	07:21	4.3	Surface	1.0	0.1	119	24.0	24.0	8.1	8.1	31.2	31.2	92.0	92.0	6.5	6.5	4.0	4.1	4	5	817949	814745
											1.0	0.1	122	24.0		8.1	8.1	31.2	31.2	92.0	92.0	6.5		4.0					
											-	-	-	-		-	-	-	-	-	-	-		-					
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	3.3	0.1	153	24.1							8.1	8.1	31.3	31.3	92.2	92.2	6.5	4.0											
	3.3	0.1	167	24.1							8.1	8.1	31.3	31.3	92.2	92.2	6.5	4.2											
SR7	Fine	Calm	06:35	16.0						Surface	1.0	0.1	40	24.8	24.8	8.0	8.0	33.2	33.2	98.8	98.9	6.8	6.8	2.2	3.2	4	4	823624	823721
											1.0	0.1	42	24.8		8.0	8.0	33.2	33.2	98.9	98.9	6.8		2.2					
											8.0	0.1	57	24.7		8.0	8.0	33.2	33.2	99.3	99.4	6.8		3.3					
					Middle	8.0	0.1	60	24.7	24.7	8.0	8.0	33.2	33.2	99.4	99.4	6.8	3.2	7.0	3.2	7.0	4	4	823624	823721				
						15.0	0.1	62	24.7		8.0	8.0	33.1	33.1	101.4	101.5	7.0	4.3											
						15.0	0.1	67	24.7		8.0	8.0	33.1	33.1	101.6	101.6	7.0	4.3											
					SR8	Fine	Calm	07:55	5.0	Surface	1.0	-	-	23.6	23.6	8.1	8.1	31.8	31.8	99.8	99.8	7.1	7.1	2.2	3.1	3	5	820395	811629
											1.0	-	-	23.6		8.1	8.1	31.8	31.8	99.8	99.8	7.1		2.1					
											-	-	-	-		-	-	-	-	-	-	-		-					
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	4.0	-	-	23.6							8.1	8.1	31.8	31.8	99.8	99.8	7.1	4.0											
	4.0	-	-	23.6							8.1	8.1	31.8	31.8	99.8	99.8	7.1	4.0											

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough: While 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 November 21 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	Fine	Moderate	15:38	8.1	Surface	1.0	0.2	63	24.0	24.0	8.0	8.0	31.8	31.9	97.1	97.0	6.8	6.7	3.5	6	5	815631	804232	
						1.0	0.2	68	24.0	8.0	8.0	31.9	32.5	96.8	96.8	6.8	6.7	3.8	6					
						4.1	0.2	61	24.2	24.2	8.0	8.0	32.5	32.5	94.7	94.7	6.6	6.6	10.4	5				
					Middle	4.1	0.2	63	24.2	24.2	8.0	8.0	32.5	32.5	94.6	94.6	6.6	6.6	11.0	5				
						7.1	0.3	44	24.3	24.3	8.0	8.0	32.7	32.7	92.7	92.7	6.4	6.4	12.8	4				
						7.1	0.4	47	24.3	24.3	8.0	8.0	32.7	32.7	92.5	92.5	6.4	6.4	12.7	3				
C2	Fine	Calm	14:30	12.4	Surface	1.0	0.1	311	23.9	23.9	8.2	8.2	31.5	31.5	102.7	102.7	7.2	7.2	2.3	3	5	825688	806951	
						1.0	0.1	338	23.9	23.9	8.2	8.2	31.5	31.5	102.6	102.6	7.2	7.2	2.3	4				
						6.2	0.2	301	23.9	23.9	8.2	8.2	31.6	31.6	102.5	102.5	7.2	7.2	3.3	4				
					Middle	6.2	0.2	322	23.9	23.9	8.2	8.2	31.6	31.6	102.5	102.5	7.2	7.2	3.3	4				
						11.4	0.2	284	23.8	23.8	8.2	8.2	31.6	31.6	103.1	103.1	7.3	7.3	4.2	6				
						11.4	0.2	309	23.9	23.9	8.2	8.2	31.6	31.6	103.5	103.5	7.3	7.3	4.2	6				
C3	Fine	Calm	16:24	12.0	Surface	1.0	0.3	288	24.6	24.6	8.1	8.1	32.9	32.9	100.9	101.0	7.0	7.1	3.2	3	5	822132	817805	
						1.0	0.3	305	24.5	24.5	8.1	8.1	33.0	33.0	101.0	101.0	7.0	7.0	3.1	4				
						6.0	0.4	292	24.4	24.4	8.1	8.1	33.1	33.1	101.8	102.1	7.1	7.1	4.2	4				
					Middle	6.0	0.4	319	24.3	24.3	8.1	8.1	33.1	33.1	102.3	102.3	7.1	7.1	4.3	5				
						11.0	0.3	293	24.2	24.2	8.1	8.1	33.2	33.2	103.9	104.3	7.2	7.3	5.2	6				
						11.0	0.4	321	24.1	24.1	8.1	8.1	33.2	33.2	104.7	104.7	7.3	7.3	5.2	6				
IM1	Fine	Moderate	15:15	4.8	Surface	1.0	0.0	185	24.2	24.2	8.1	8.1	31.8	31.8	103.0	102.9	7.2	7.2	1.5	4	4	817971	807137	
						1.0	0.0	188	24.2	24.2	8.1	8.1	31.8	31.8	102.7	102.7	7.2	7.2	1.5	4				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
						3.8	0.0	36	24.1	24.1	8.1	8.1	32.0	32.0	89.7	89.6	6.3	6.3	9.0	3				
						3.8	0.0	36	24.1	24.1	8.1	8.1	32.0	32.0	89.5	89.5	6.3	6.3	9.4	3				
IM2	Fine	Moderate	15:08	6.4	Surface	1.0	0.3	34	23.9	23.9	8.1	8.1	31.7	31.7	95.1	95.0	6.7	6.6	3.9	5	4	818163	806170	
						1.0	0.3	37	23.9	23.9	8.1	8.1	31.7	31.7	94.8	94.8	6.7	6.6	4.0	5				
						3.2	0.2	356	24.0	24.0	8.1	8.1	31.9	31.9	92.0	91.9	6.5	6.5	8.6	4				
					Middle	3.2	0.2	328	24.0	24.0	8.1	8.1	31.9	31.9	91.8	91.8	6.4	6.4	8.3	4				
						5.4	0.2	336	24.0	24.0	7.8	7.8	32.0	32.0	90.7	90.6	6.4	6.4	8.2	3				
						5.4	0.2	344	24.1	24.1	7.8	7.8	32.0	32.0	90.5	90.5	6.3	6.3	8.2	3				
IM3	Fine	Moderate	15:02	6.6	Surface	1.0	0.1	51	23.8	23.8	7.9	7.9	31.4	31.4	93.8	93.6	6.6	6.6	3.3	5	4	818791	805575	
						1.0	0.1	53	23.7	23.7	7.9	7.9	31.4	31.4	93.4	93.4	6.6	6.6	3.5	4				
						3.3	0.1	328	23.7	23.7	7.9	7.9	31.5	31.5	91.8	91.7	6.5	6.5	4.5	4				
					Middle	3.3	0.1	338	23.7	23.7	7.9	7.9	31.5	31.5	91.6	91.6	6.5	6.5	4.8	4				
						5.6	0.2	344	23.7	23.7	7.9	7.9	31.6	31.6	90.8	90.7	6.4	6.4	6.6	4				
						5.6	0.2	316	23.7	23.7	7.9	7.9	31.6	31.6	90.5	90.5	6.4	6.4	6.4	4				
IM4	Fine	Moderate	14:52	8.6	Surface	1.0	0.3	12	23.7	23.7	7.9	7.9	31.4	31.4	92.7	92.5	6.6	6.4	0.9	6	5	819727	804594	
						1.0	0.3	12	23.7	23.7	7.9	7.9	31.4	31.4	92.3	92.3	6.5	6.4	1.1	6				
						4.3	0.3	27	23.7	23.8	7.9	7.9	31.7	31.7	89.8	89.7	6.3	6.3	2.0	4				
					Middle	4.3	0.4	27	23.8	23.8	7.9	7.9	31.7	31.7	89.6	89.6	6.3	6.3	2.0	4				
						7.6	0.3	32	23.8	23.8	7.8	7.8	31.8	31.7	82.1	81.8	5.8	5.8	2.1	4				
						7.6	0.3	33	23.8	23.8	7.8	7.8	31.7	31.7	81.4	81.4	5.7	5.7	2.1	4				
IM5	Fine	Moderate	14:41	7.3	Surface	1.0	0.4	32	23.8	23.8	8.0	8.0	31.5	31.5	95.1	95.0	6.7	6.7	2.6	4	4	820718	804874	
						1.0	0.4	34	23.8	23.8	8.0	8.0	31.5	31.5	94.9	94.9	6.7	6.7	2.6	4				
						3.7	0.4	26	23.8	23.8	8.0	8.0	31.6	31.6	93.1	93.0	6.6	6.6	3.3	4				
					Middle	3.7	0.4	28	23.8	23.8	8.0	8.0	31.6	31.6	92.9	92.9	6.6	6.6	3.3	4				
						6.3	0.4	21	23.8	23.8	7.9	7.9	31.6	31.6	90.0	89.9	6.3	6.3	4.0	4				
						6.3	0.4	21	23.8	23.8	7.9	7.9	31.6	31.6	89.8	89.8	6.3	6.3	3.9	4				
IM6	Fine	Moderate	14:31	7.1	Surface	1.0	0.1	214	23.8	23.8	8.1	8.1	31.3	31.3	93.5	93.4	6.6	6.5	0.8	3	4	821067	805839	
						1.0	0.1	216	23.8	23.8	8.1	8.1	31.3	31.3	93.2	93.2	6.6	6.5	0.7	3				
						3.6	0.1	235	23.8	23.8	8.1	8.1	31.3	31.3	90.6	90.5	6.4	6.4	0.7	4				
					Middle	3.6	0.1	239	23.7	23.7	8.1	8.1	31.3	31.3	90.3	90.3	6.4	6.4	0.6	4				
						6.1	0.1	305	23.7	23.8	8.1	8.1	31.3	31.3	88.8	88.8	6.3	6.3	0.5	4				
						6.1	0.1	315	23.8	23.8	8.1	8.1	31.3	31.3	88.7	88.7	6.3	6.3	0.5	4				
IM7	Fine	Moderate	14:21	8.0	Surface	1.0	0.2	225	24.2	24.2	8.1	8.1	31.2	31.2	95.4	95.4	6.7	6.7	0.5	5	4	821347	806819	
						1.0	0.2	231	24.2	24.2	8.1	8.1	31.2	31.2	95.4	95.4	6.7	6.7	0.5	4				
						4.0	0.2	258	23.9	23.9	8.2	8.2	31.4	31.4	93.8	93.7	6.6	6.6	1.3	3				
					Middle	4.0	0.2	262	23.9	23.9	8.2	8.2	31.4	31.4	93.6	93.6	6.6	6.6	1.3	3				
						7.0	0.1	277	23.8	23.8	8.1	8.1	31.4	31.4	91.8	91.6	6.5	6.5	1.3	3				
						7.0	0.1	301	23.8	23.8	8.1	8.1	31.4	31.4	91.3	91.3	6.5	6.5	1.3	3				
IM8	Fine	Calm	14:54	8.0	Surface	1.0	0.1	290	23.6	23.6	8.2	8.2	31.9	31.9	105.3	105.4	7.4	7.4	3.5	4	4	821810	808146	
						1.0	0.1	314	23.6	23.6	8.2	8.2	31.9	31.9	105.4	105.4	7.4	7.5	3.6	4				
						4.0	0.1	279	23.6	23.6	8.2	8.2	32.0	32.0	105.7	105.8	7.5	7.5	4.2	4				
					Middle	4.0	0.1	300	23.6	23.6	8.2	8.2	32.0	32.0	105.9	105.9	7.5	7.5	4.1	4				
						7.0	0.1	292	23.6	23.6	8.2	8.2	32.0	32.0	106.6	106.8	7.5	7.5	5.6	3				
						7.0	0.1	296	23.6	23.6	8.2	8.2	32.0	32.0	106.9	106.9	7.5	7.5	5.6	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

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Water Quality Monitoring**

Water Quality Monitoring Results on 13 November 21 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							
IM9	Fine	Calm	15:00	7.2	Surface	1.0	0.2	292	23.6	23.6	8.2	8.2	31.8	31.8	105.6	105.7	7.5	7.5	4.2	5.4	5	6	822070	808802					
						1.0	0.2	317	23.6		8.2	8.2	31.9	31.8	105.7	106.0	7.5		4.2		5								
						3.6	0.3	281	23.6		8.2	8.2	31.8	31.8	105.9	106.0	7.5		5.9		6								
					Middle	3.6	0.3	293	23.6	23.6	8.2	8.2	31.8	31.8	106.1	106.9	7.5	7.6	5.9	6	6	6	6	6	6				
						6.2	0.3	286	23.6		8.2	8.2	31.8	31.8	106.8	106.9	7.5		6.3		6								
						6.2	0.3	286	23.6		8.2	8.2	31.8	31.8	107.0	106.9	7.6		6.2		7								
					IM10	Fine	Calm	15:07	8.6	Surface	1.0	0.4	0	23.6	23.6	8.2	8.2	31.8	31.8	106.1	106.2	7.5	7.5	4.2	5.4	5	4	822370	809814
											1.0	0.4	0	23.6		8.2	8.2	31.8	31.9	106.2	106.7	7.5		4.3		5			
											4.3	0.4	359	23.5		8.2	8.2	31.9	31.9	106.6	106.7	7.6		5.4		5			
Middle	4.3	0.4	330	23.5						23.6	8.2	8.2	31.9	31.8	106.7	107.5	7.6	7.6	5.4	4	4	4	4	4	4				
	7.6	0.3	349	23.6							8.2	8.2	31.8	31.8	107.5	107.7	7.6		6.5		3								
	7.6	0.4	358	23.6							8.2	8.2	31.8	31.8	107.9	107.7	7.6		6.6		3								
IM11	Fine	Calm	15:18	7.0						Surface	1.0	0.4	320	24.2	24.2	8.1	8.1	32.1	32.1	104.5	104.6	7.3	7.4	3.2	4.1	2	3	822040	811440
											1.0	0.4	332	24.2		8.1	8.1	32.1	32.1	104.6	105.0	7.4		3.1		2			
											3.5	0.4	325	24.0		8.1	8.1	32.2	32.2	104.9	105.1	7.4		4.2		3			
					Middle	3.5	0.4	355	24.0	24.0	8.1	8.1	32.2	32.2	105.1	105.9	7.4	7.4	4.3	3	3	3	3	3	3				
						6.0	0.4	324	23.9		8.1	8.1	32.3	32.3	105.7	105.9	7.4		5.0		3								
						6.0	0.4	353	23.8		8.1	8.1	32.4	32.3	106.1	105.9	7.4		5.0		3								
					IM12	Fine	Calm	15:23	8.8	Surface	1.0	0.3	243	24.1	24.1	8.1	8.1	32.1	32.1	105.9	106.0	7.4	7.5	2.0	3.4	2	3	821481	812028
											1.0	0.3	247	24.1		8.1	8.1	32.1	32.1	106.0	106.5	7.4		2.1		3			
											4.4	0.3	247	24.0		8.1	8.1	32.1	32.1	106.4	106.5	7.5		3.4		3			
Middle	4.4	0.3	267	24.0						24.0	8.1	8.1	32.1	32.1	106.6	107.5	7.5	7.6	3.3	3	3	3	3	3					
	7.8	0.3	248	23.9							8.1	8.1	32.2	32.2	107.5	107.7	7.5		4.9		3								
	7.8	0.3	258	23.9							8.1	8.1	32.2	32.2	107.9	107.7	7.6		4.9		3								
SR1A	Fine	Calm	15:50	4.8						Surface	1.0	-	-	24.1	24.1	8.1	8.1	32.1	32.1	104.3	104.3	7.3	7.3	4.9	5.2	5	4	819982	812657
											1.0	-	-	24.1		8.1	8.1	32.1	32.1	104.3	104.3	7.3		4.9		4			
											2.4	-	-	-		-	-	-	-	-	-	-		-		-			
					Middle	2.4	-	-	-	24.1	8.1	8.1	32.1	32.1	104.3	104.4	7.3	7.3	5.6	4	4	4	4	4					
						2.4	-	-	-		8.1	8.1	32.1	32.1	104.4	104.4	7.3		5.5		4								
						3.8	-	-	24.1		8.1	8.1	32.1	32.1	104.3	104.4	7.3		5.5		4								
					SR2	Fine	Calm	16:04	4.6	Surface	1.0	0.2	327	24.1	24.1	8.1	8.1	32.1	32.1	103.9	104.0	7.3	7.3	4.8	5.3	3	3	821453	814172
											1.0	0.2	334	24.1		8.1	8.1	32.1	32.1	104.0	104.0	7.3		4.8		3			
											-	-	-	-		-	-	-	-	-	-	-		-		-			
Middle	-	-	-	-						24.1	8.1	8.1	32.1	32.1	104.3	104.3	7.3	7.3	5.7	2	2	2	2	2					
	-	-	-	-							8.1	8.1	32.1	32.1	104.3	104.3	7.3		5.8		2								
	3.6	0.2	334	24.1							8.1	8.1	32.1	32.1	104.3	104.3	7.3		5.7		2								
SR3	Fine	Calm	14:49	9.2						Surface	1.0	0.1	264	24.0	24.0	8.2	8.2	31.9	31.9	106.9	106.9	7.5	7.5	1.2	2.4	5	4	822164	807581
											1.0	0.1	277	24.0		8.2	8.2	31.9	31.9	106.9	106.9	7.5		1.1		5			
											4.6	0.1	297	23.8		8.2	8.2	31.9	31.9	106.9	106.9	7.5		2.0		4			
					Middle	4.6	0.1	303	23.8	23.8	8.2	8.2	32.0	32.0	106.9	106.9	7.5	7.6	2.1	4	4	4	4	4					
						8.2	0.1	300	23.7		8.2	8.2	32.0	32.0	106.8	107.2	7.5		4.0		4								
						8.2	0.1	311	23.7		8.2	8.2	32.0	32.0	107.6	107.2	7.6		4.0		3								
					SR4A	Fine	Moderate	15:58	8.5	Surface	1.0	0.3	100	23.9	23.9	8.2	8.2	31.4	31.4	94.4	94.4	6.7	6.6	3.1	3.0	3	3	817193	807831
											1.0	0.3	102	23.9		8.2	8.2	31.4	31.4	94.3	94.4	6.7		3.0		3			
											4.3	0.3	113	23.9		8.2	8.2	31.4	31.4	92.4	92.4	6.5		3.0		3			
Middle	4.3	0.4	122	23.9						23.9	8.2	8.2	31.4	31.4	92.3	92.4	6.5	6.5	3.0	3	3	3	3	3					
	7.5	0.3	102	23.9							8.2	8.2	31.4	31.4	91.5	91.5	6.5		3.0		3								
	7.5	0.4	105	23.9							8.2	8.2	31.4	31.4	91.4	91.5	6.5		3.0		2								
SR5A	Fine	Moderate	16:15	3.7						Surface	1.0	0.2	222	24.0	24.0	8.1	8.1	31.5	31.5	94.5	94.5	6.6	6.6	9.8	9.0	4	4	816609	810698
											1.0	0.2	234	24.0		8.1	8.1	31.5	31.5	94.4	94.5	6.6		9.8		4			
											-	-	-	-		-	-	-	-	-	-	-		-		-			
					Middle	-	-	-	-	24.0	8.1	8.1	31.3	31.3	87.3	87.0	6.2	6.2	8.0	4	4	4	4	4					
						-	-	-	-		8.1	8.1	31.3	31.3	86.7	87.0	6.1		8.5		4								
						2.7	0.1	201	24.0		8.1	8.1	31.3	31.3	87.3	87.0	6.2		8.0		4								
					SR6A	Fine	Moderate	16:58	4.1	Surface	1.0	0.2	231	24.3	24.3	7.9	7.9	31.4	31.4	86.0	85.8	6.0	6.0	7.5	7.4	3	4	817981	814723
											1.0	0.2	232	24.3		7.9	7.9	31.4	31.4	85.6	85.8	6.0		7.6		3			
											-	-	-	-		-	-	-	-	-	-	-		-		-			
Middle	-	-	-	-						24.0	7.8	7.8	31.7	31.7	78.7	77.9	5.5	5.5	7.3	4	4	4	4	4					
	-	-	-	-							7.8	7.8	31.8	31.7	77.1	77.9	5.4		7.1		4								
	3.1	0.1	200	24.0							8.1	8.1	31.7	31.7	78.7	77.9	5.5		7.3		4								
SR7	Fine	Calm	17:00	16.0						Surface	1.0	0.1	98	24.6	24.6	8.1	8.1	32.9	32.9	98.2	98.3	6.8	6.9	5.4	6.4	4	5	823656	823763
											1.0	0.1	101	24.6		8.1	8.1	32.9	32.9	98.4	99.6	6.8		5.4		5			
											8.0	0.1	107	24.6		8.1	8.1	32.9	32.9	99.4	99.7	6.9		6.8		5			
					Middle	8.0	0.1	109	24.6	24.6	8.1	8.1	33.0	33.0	100.5	100.6	6.9	7.0	6.7	6	6	6	6	6					
						15.0	0.1	80	24.6		8.1	8.1	33.0	33.0	100.5	100.6	6.9		7.1		6								
						15.0	0.1	86	24.6		8.1	8.1	33.0	33.0	100.7	100.7	7.0		7.0		6								
					SR8	Fine	Calm	15:31	4.6	Surface	1.0	-	-	24.1	24.1	8.1	8.1	32.1	32.1	105.0	105.1	7.3	7.3	8.5	9.0	4	3	820411	811623
											1.0	-	-	24.1		8.1	8.1	32.1	32.1	105.1	105.1	7.3		8.5		3			
											-	-	-	-		-	-	-	-	-	-	-		-		-			
Middle	-	-	-	-						24.1	8.1	8.1	32.3	32.2	105.1	105.1	7.4	7.4	9.5	3	3	3	3	3					
	-	-	-	-							8.1	8.1	32.1	32.1	105.1	105.1	7.4		9.5		3								
	3.6	-	-	24.1							8.1	8.1	32.3	32.2	105.1	105.1	7.4		9.5		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 16 November 21 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	Fine	Calm	10:57	8.2	Surface	1.0	0.2	176	24.0	24.0	8.1	8.1	33.7	33.7	114.3	114.2	7.9	7.9	4.5	7	6	815614	804238	
						1.0	0.3	177	24.0	8.1	8.1	33.7	33.7	114.0	112.1	7.9	7.9	4.5	7					
						4.1	0.2	180	24.0	8.1	8.1	33.7	33.7	112.1	112.1	7.8	7.8	5.1	6					
					Middle	4.1	0.2	189	24.0	8.1	8.1	33.7	33.7	112.0	112.1	7.8	7.8	5.0	6					
						7.2	0.2	173	24.0	8.1	8.1	33.7	33.7	112.0	112.1	7.8	7.8	7.0	6					
						7.2	0.2	185	24.0	8.1	8.1	33.7	33.7	112.1	112.1	7.8	7.8	7.0	6					
C2	Sunny	Moderate	12:16	11.8	Surface	1.0	0.3	173	23.9	23.9	8.2	8.2	31.9	31.9	95.6	95.5	6.7	6.7	1.8	4	3	825678	806961	
						1.0	0.3	177	23.9	8.2	8.2	31.9	31.9	95.4	95.0	6.7	6.7	1.9	3					
						5.9	0.3	176	23.8	8.2	8.2	32.1	32.1	95.0	95.0	6.7	6.7	4.3	3					
					Middle	5.9	0.3	191	23.8	8.2	8.2	32.1	32.1	95.0	95.0	6.7	6.7	4.8	3					
						10.8	0.4	180	23.8	8.3	8.3	32.1	32.1	95.0	95.0	6.7	6.7	9.8	2					
						10.8	0.4	187	23.8	8.3	8.3	32.1	32.1	95.0	95.0	6.7	6.7	9.7	2					
C3	Sunny	Moderate	10:01	11.1	Surface	1.0	0.2	133	24.6	24.6	8.0	8.0	32.8	32.8	91.2	91.2	6.3	6.3	0.3	2	4	822085	817818	
						1.0	0.2	138	24.6	8.0	8.0	32.8	32.8	91.2	91.0	6.3	6.3	0.3	2					
						5.6	0.3	138	24.6	8.0	8.0	32.8	32.8	90.9	91.0	6.3	6.3	0.6	4					
					Middle	5.6	0.3	149	24.6	8.0	8.0	32.8	32.8	91.0	91.6	6.3	6.3	0.6	4					
						10.1	0.3	135	24.6	8.0	8.0	32.8	32.8	91.5	91.6	6.3	6.3	2.3	6					
						10.1	0.3	142	24.6	8.0	8.0	32.8	32.8	91.6	91.6	6.3	6.3	2.4	6					
IM1	Fine	Calm	11:17	4.4	Surface	1.0	0.1	17	23.8	23.8	8.2	8.2	33.4	33.3	124.9	124.9	8.7	8.7	5.8	4	5	817939	807150	
						1.0	0.1	17	23.8	8.2	8.2	33.3	33.3	124.8	124.8	8.7	8.7	5.8	4					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.4	0.0	258	23.8	8.2	8.2	33.3	33.3	120.9	120.6	8.4	8.4	6.0	5					
						3.4	0.0	267	23.8	8.2	8.2	33.3	33.3	120.2	120.2	8.4	8.4	6.0	5					
IM2	Fine	Calm	11:25	6.4	Surface	1.0	0.2	219	23.7	23.7	8.2	8.2	33.4	33.4	121.9	121.5	8.5	8.2	4.1	4	4	818157	806150	
						1.0	0.2	235	23.6	8.2	8.2	33.4	33.4	121.1	121.5	8.5	8.2	4.1	4					
						3.2	0.2	197	23.6	8.1	8.1	33.4	33.4	112.6	112.5	7.9	7.9	5.1	4					
					Middle	3.2	0.2	215	23.6	8.1	8.1	33.4	33.4	112.3	112.3	7.9	7.9	5.1	4					
						5.4	0.2	178	23.6	8.1	8.1	33.3	33.2	112.9	113.2	7.9	8.0	6.6	4					
						5.4	0.2	192	23.6	8.1	8.1	33.1	33.1	113.5	113.2	8.0	8.0	6.6	4					
IM3	Fine	Calm	11:30	6.8	Surface	1.0	0.3	127	23.7	23.7	8.1	8.1	33.3	33.3	112.9	113.0	7.9	7.9	2.1	2	3	818804	805579	
						1.0	0.3	134	23.7	8.2	8.2	33.3	33.3	113.0	113.0	7.9	7.9	2.1	3					
						3.4	0.3	122	23.7	8.1	8.1	33.4	33.4	112.4	112.3	7.9	7.9	3.5	3					
					Middle	3.4	0.3	128	23.7	8.1	8.1	33.4	33.4	112.2	112.3	7.8	7.8	3.5	3					
						5.8	0.2	139	23.7	8.1	8.1	33.4	33.4	110.9	110.6	7.8	7.8	4.9	5					
						5.8	0.2	142	23.7	8.1	8.1	33.4	33.4	110.3	110.3	7.7	7.7	5.0	4					
IM4	Fine	Calm	11:41	8.6	Surface	1.0	0.5	216	23.7	23.7	8.1	8.1	33.3	33.3	109.1	109.0	7.6	7.6	6.5	4	6	819745	804591	
						1.0	0.5	234	23.7	8.1	8.1	33.3	33.3	108.9	108.9	7.6	7.6	6.6	5					
						4.3	0.5	210	23.7	8.1	8.1	33.4	33.4	108.5	108.5	7.6	7.6	7.1	5					
					Middle	4.3	0.5	219	23.7	8.1	8.1	33.4	33.4	108.4	108.5	7.6	7.6	7.1	6					
						7.6	0.4	198	23.7	8.1	8.1	33.4	33.4	108.0	108.0	7.6	7.6	8.8	7					
						7.6	0.4	199	23.7	8.1	8.1	33.4	33.4	107.9	107.9	7.5	7.5	8.7	7					
IM5	Fine	Calm	11:50	6.8	Surface	1.0	0.6	163	23.7	23.7	8.2	8.2	33.4	33.4	115.8	114.2	8.1	7.9	3.4	6	6	820725	804868	
						1.0	0.6	164	23.7	8.2	8.2	33.4	33.4	112.6	111.4	7.9	7.9	3.3	6					
						3.4	0.5	171	23.7	8.1	8.1	33.4	33.4	111.5	111.4	7.8	7.8	4.2	6					
					Middle	3.4	0.5	186	23.7	8.1	8.1	33.4	33.4	111.3	111.3	7.8	7.8	4.2	5					
						5.8	0.4	170	23.7	8.1	8.1	33.4	33.4	111.0	110.8	7.8	7.8	5.3	5					
						5.8	0.5	182	23.7	8.1	8.1	33.4	33.4	110.6	110.6	7.7	7.7	5.4	5					
IM6	Fine	Calm	11:58	7.0	Surface	1.0	0.2	254	23.7	23.7	8.2	8.2	33.3	33.3	114.0	113.9	8.0	8.0	7.5	4	5	821048	805804	
						1.0	0.2	267	23.7	8.2	8.2	33.3	33.3	113.8	113.5	8.0	8.0	7.5	4					
						3.5	0.3	241	23.6	8.2	8.2	33.4	33.5	113.5	113.5	8.0	8.0	8.9	4					
					Middle	3.5	0.3	242	23.5	8.2	8.2	33.5	33.5	113.4	113.5	8.0	8.0	8.8	4					
						6.0	0.3	247	23.2	8.1	8.1	33.7	33.8	112.9	112.9	8.0	8.0	9.0	6					
						6.0	0.3	258	23.1	8.1	8.1	33.8	33.8	112.8	112.8	7.9	7.9	9.0	6					
IM7	Fine	Calm	12:10	7.8	Surface	1.0	0.2	210	23.7	23.7	8.2	8.2	33.0	33.0	116.4	116.4	8.2	8.2	3.2	4	3	821356	806858	
						1.0	0.2	225	23.7	8.2	8.2	33.1	33.2	116.4	116.6	8.2	8.2	3.2	4					
						3.9	0.1	187	23.7	8.2	8.2	33.2	33.2	116.5	116.6	8.2	8.2	4.2	3					
					Middle	3.9	0.1	198	23.7	8.2	8.2	33.2	33.2	116.7	117.9	8.2	8.3	4.1	3					
						6.8	0.1	179	23.7	8.2	8.2	33.2	33.2	117.5	117.9	8.2	8.3	5.5	3					
						6.8	0.1	184	23.7	8.2	8.2	33.1	33.2	118.2	118.2	8.3	8.3	5.6	2					
IM8	Sunny	Moderate	11:47	7.2	Surface	1.0	0.2	76	23.8	23.8	8.1	8.1	32.1	32.1	102.1	102.2	7.2	7.2	1.0	2	3	821807	808125	
						1.0	0.2	77	23.8	8.1	8.1	32.1	32.1	102.2	102.1	7.2	7.2	1.0	3					
						3.6	0.3	75	23.7	8.1	8.1	32.3	32.3	102.1	102.1	7.2	7.1	1.7	3					
					Middle	3.6	0.3	81	23.7	8.1	8.1	32.4	32.3	102.1	102.1	7.2	7.1	1.8	2					
						6.2	0.3	81	23.7	8.2	8.2	32.9	32.9	101.7	101.7	7.1	7.1	3.6	4					
						6.2	0.3	83	23.7	8.2	8.2	32.9	32.9	101.7	101.7	7.1	7.1	3.6	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 16 November 21 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										
IM9	Sunny	Moderate	11:42	7.0	Surface	1.0	0.2	82	23.7	23.7	8.1	8.1	32.2	32.2	101.0	101.1	7.1	7.1	1.5	4.7	4	4	822087	808814								
						1.0	0.2	84	23.7		8.1	8.1	32.2	32.2	101.1	101.1	7.1		1.6													
						3.5	0.3	81	23.7		8.2	8.2	32.5	32.5	101.1	101.1	7.1		4.5													
					Middle	3.5	0.3	82	23.7	23.7	8.2	8.2	32.6	32.6	101.1	101.1	7.1	7.1	4.8	4	4											
						6.0	0.3	90	23.7		8.2	8.2	32.7	32.7	100.9	100.9	7.1		7.8													
						6.0	0.3	92	23.7		8.2	8.2	32.7	32.7	100.8	100.8	7.1		8.0													
					IM10	Sunny	Moderate	11:34	7.6	Surface	1.0	0.2	99	23.6	23.6	8.2	8.2	32.3	32.3	98.6	98.6				7.0	7.0	3.7	5.1	7	6	822395	809786
											1.0	0.2	108	23.6		8.2	8.2	32.3	32.3	98.6	98.6				7.0		3.8					
											3.8	0.3	90	23.6		8.2	8.2	32.4	32.4	98.2	98.2				6.9		5.4					
Middle	3.8	0.3	94	23.6						23.6	8.2	8.2	32.4	32.4	98.2	98.2	6.9	6.9	5.4	5	5											
	6.6	0.4	99	23.6							8.2	8.1	32.5	32.4	97.5	97.5	6.9		6.2													
	6.6	0.4	105	23.6							8.1	8.1	32.4	32.4	97.5	97.5	6.9		6.1													
IM11	Sunny	Moderate	11:23	8.1						Surface	1.0	0.2	101	23.8	23.8	8.1	8.1	32.1	32.1	98.5	98.5	6.9	6.9	2.9	3.7	6	5	822066	811473			
											1.0	0.2	102	23.8		8.1	8.1	32.1	32.1	98.5	98.5	6.9		3.0								
											4.1	0.3	113	23.8		8.1	8.1	32.1	32.1	98.2	98.2	6.9		2.9								
					Middle	4.1	0.3	115	23.8	23.8	8.1	8.1	32.1	32.1	98.2	98.2	6.9	6.9	3.0	5	5											
						7.1	0.3	123	23.8		8.1	8.1	32.1	32.1	97.5	97.5	6.9		5.3													
						7.1	0.3	133	23.8		8.1	8.1	32.1	32.1	97.4	97.4	6.9		5.1													
					IM12	Sunny	Moderate	11:16	8.4	Surface	1.0	0.4	112	23.7	23.7	8.2	8.2	32.1	32.1	97.8	97.8	6.9	6.9	3.4	6.2	4				5	821455	812041
											1.0	0.4	116	23.7		8.2	8.2	32.1	32.1	97.7	97.7	6.9		3.6								
											4.2	0.5	132	23.7		8.2	8.2	32.1	32.1	97.3	97.3	6.9		5.9								
Middle	4.2	0.5	139	23.7						23.7	8.2	8.2	32.1	32.1	97.3	97.3	6.9	6.9	5.8	4	4											
	7.4	0.5	133	23.7							8.2	8.2	32.1	32.1	97.1	97.1	6.8		9.2													
	7.4	0.5	136	23.7							8.2	8.2	32.1	32.1	97.1	97.1	6.8		9.3													
SR1A	Sunny	Moderate	10:39	5.0						Surface	1.0	-	-	24.0	24.0	8.1	8.1	32.0	32.0	96.5	96.5	6.8	6.8	1.2	1.9	2	4	819971	812657			
											1.0	-	-	24.0		8.1	8.1	32.0	32.0	96.5	96.5	6.8		1.2								
											2.5	-	-	-		-	-	-	-	-	-	-		-		-						
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						4.0	-	-	23.9		8.1	8.1	32.1	32.1	95.5	95.5	6.7		2.6													
						4.0	-	-	23.9		8.1	8.1	32.1	32.1	95.6	95.6	6.7		2.6													
					SR2	Sunny	Moderate	10:23	3.7	Surface	1.0	0.2	123	24.2	24.2	8.2	8.2	32.3	32.3	95.2	95.2	6.6	6.6	1.7	1.7	4				5	821485	814167
											1.0	0.2	125	24.2		8.2	8.2	32.3	32.3	95.2	95.2	6.6		1.7								
											-	-	-	-		-	-	-	-	-	-	-		-								
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-											
	-	-	-	-							-	-	-	-	-	-	-		-													
	2.7	0.2	125	24.2							8.2	8.2	32.3	32.3	95.1	95.1	6.6		1.7													
Bottom	2.7	0.2	135	24.2						24.2	8.2	8.2	32.3	32.3	95.1	95.1	6.6	6.6	1.7	5												
	2.7	0.2	135	24.2							8.2	8.2	32.3	32.3	95.1	95.1	6.6	1.7	5													
	-	-	-	-							-	-	-	-	-	-	-	-														
SR3	Sunny	Moderate	11:53	8.6	Surface	1.0	0.3	176	23.8	23.8	8.1	8.1	32.2	32.2	100.5	100.6	7.1	7.1	1.8	3.9	5	4	822144	807562								
						1.0	0.3	178	23.8		8.1	8.1	32.2	32.2	100.6	100.6	7.1		1.8													
						4.3	0.3	181	23.6		8.2	8.2	32.6	32.6	101.7	101.8	7.2		3.7													
					Middle	4.3	0.3	188	23.6	23.6	8.2	8.2	32.6	32.6	101.9	101.8	7.2	7.2	3.9	4	4											
						7.6	0.3	183	23.7		8.2	8.2	32.9	32.9	102.4	102.4	7.2		5.8													
						7.6	0.3	190	23.7		8.2	8.2	32.9	32.9	102.4	102.4	7.2		6.2													
					SR4A	Fine	Calm	10:38	9.0	Surface	1.0	0.2	75	23.6	23.6	8.1	8.1	33.5	33.5	113.2	113.0				7.9	7.9	4.2	5.1	6	5	817175	807786
											1.0	0.2	78	23.6		8.1	8.1	33.5	33.5	112.8	112.8				7.9		4.1					
											4.5	0.2	66	23.6		8.1	8.1	33.5	33.5	111.2	111.2				7.8		5.0					
Middle	4.5	0.2	69	23.6						23.6	8.1	8.1	33.5	33.5	111.1	111.1	7.8	7.8	5.1	5	5											
	8.0	0.1	78	23.6							8.1	8.1	33.6	33.5	110.6	110.6	7.7		6.2													
	8.0	0.1	84	23.6							8.1	8.1	33.5	33.5	110.5	110.5	7.7		6.2													
SR5A	Fine	Calm	10:22	4.2						Surface	1.0	0.0	359	23.6	23.6	8.1	8.1	33.0	33.0	114.0	112.2	8.0	7.9	7.0	7.3	6	6	816591	810700			
											1.0	0.0	330	23.6		8.1	8.1	33.0	33.0	110.3	110.3	7.8		7.1								
											-	-	-	-		-	-	-	-	-	-	-		-								
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						-	-	-	-		-	-	-	-	-	-	-		-													
						3.2	0.1	322	23.5		8.1	8.1	33.2	33.1	109.3	109.3	7.7		7.5													
					Bottom	3.2	0.1	349	23.5	23.5	8.1	8.1	33.1	33.1	109.2	109.2	7.7	7.7	7.5	5												
						-	-	-	-		-	-	-	-	-	-	-	-														
						-	-	-	-		-	-	-	-	-	-	-	-														
SR6A	Fine	Calm	09:56	4.8	Surface	1.0	0.0	43	23.8	23.8	8.0	8.0	32.4	32.4	100.7	100.7	7.1	7.1	8.2	8.7	9	10	817960	814718								
						1.0	0.0	43	23.8		8.0	8.0	32.4	32.4	100.6	100.6	7.1		8.2													
						-	-	-	-		-	-	-	-	-	-	-		-													
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						-	-	-	-		-	-	-	-	-	-	-		-													
						3.8	0.1	289	23.8		8.0	8.0	32.4	32.4	100.2	100.2	7.0		9.2													
					Bottom	3.8	0.1	299	23.8	23.8	8.0	8.0	32.4	32.4	100.1	100.1	7.0	7.0	9.1	10												
						-	-	-	-		-	-	-	-	-	-	-	-														
						-	-	-	-		-	-	-	-	-	-	-	-														
SR7	Sunny	Moderate	09:20	16.4	Surface	1.0	0.3	46	24.6	24.6	7.9	7.9	32.8	32.8	90.4	90.4	6.3	6.3	1.1	1.5	5	5	823636	823758								
						1.0	0.3	50	24.6		7.9	7.9	32.8	32.8	90.4	90.4	6.3		1.1													
						8.2	0.3	52	24.5		7.9	7.9	32.8	32.8	90.3	90.3	6.2		1.6													
					Middle	8.2	0.3	55	24.5	24.5	7.9	7.9	32.8	32.8	90.3	90.3	6.2	6.2	1.6	5	5											
						15.4	0.4	66	24.5		7.9	7.9	32.9	32.9	89.9	89.9	6.2		1.9													
						15.4	0.4	69	24.5		7.9	7.9	32.9	32.9	89.9	89.9	6.2		1.9													
					SR8	Sunny	Moderate	11:08	4.6	Surface	1.0	-	-	24.2	24.2	8.0	8.0	32.1	32.1	98.1	98.1				6.9	6.9	1.4	2.8	5	4	820396	811631
											1.0	-	-	24.2		8.0	8.0	32.1	32.1	98.0	98.0				6.9		1.5					
											-	-	-	-		-	-	-	-	-	-				-		-					
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-											
	-	-	-	-							-	-	-	-	-	-	-		-													
	3.6	-	-	23.9							8.1	8.1	32.2	32.2	94.7	94.7	6.6		4.1													
Bottom	3.6	-	-	23.9						23.9	8.1	8.1	32.2	32.2	94.6	94.6	6.6	6.6	4.1	4												
	-	-	-	-							-	-	-	-	-	-	-	-														
	-	-	-	-							-	-	-	-	-	-	-	-														

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

Water Quality Monitoring Results on 16 November 21 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	Fine	Moderate	16:51	8.0	Surface	1.0	0.7	42	23.8	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.7	7.7	3.4	4.4	4	4	815630	804224
						1.0	0.7	43	23.8		8.1	8.1	32.5	32.5	110.3	110.3	7.7		3.5					
						4.0	0.6	34	23.8		8.1	8.1	32.5	32.5	110.3	110.3	7.7		4.3					
					Middle	4.0	0.7	35	23.8	8.1	8.1	32.5	32.5	110.3	110.3	7.7	4.2							
						7.0	0.6	40	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.7	5.6							
						7.0	0.7	40	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.8	5.5							
C2	Cloudy	Moderate	15:51	11.1	Surface	1.0	0.6	11	24.0	24.0	8.2	8.2	30.5	30.5	100.0	99.9	7.1	6.9	0.6	3.6	4	5	825674	806933
						1.0	0.6	11	24.0		8.2	8.2	30.6	30.6	99.7	99.7	7.0		0.6					
						5.6	0.5	8	23.9		8.1	8.1	31.6	31.6	95.9	95.9	6.7		3.3					
					Middle	5.6	0.6	8	23.9	8.1	8.1	31.6	31.6	95.9	95.9	6.7	3.5							
						10.1	0.3	351	24.0	8.1	8.1	31.7	31.7	95.8	95.8	6.7	6.7							
						10.1	0.4	323	24.0	8.1	8.1	31.7	31.7	95.8	95.8	6.7	6.8							
C3	Cloudy	Moderate	17:54	12.2	Surface	1.0	0.7	264	24.9	24.9	8.0	8.0	32.2	32.2	104.4	104.5	7.3	7.3	5.9	6.9	8	7	822109	817782
						1.0	0.7	265	24.8		8.0	8.0	32.3	32.3	104.5	104.5	7.3		5.9					
						6.1	0.8	265	24.7		8.0	8.0	32.4	32.4	105.3	105.6	7.3		7.0					
					Middle	6.1	0.9	281	24.6	8.0	8.0	32.4	32.4	105.8	105.8	7.4	7.0							
						11.2	0.5	269	24.5	8.0	8.0	32.5	32.5	107.3	107.8	7.5	8.0							
						11.2	0.6	293	24.4	8.0	8.0	32.5	32.5	108.2	108.2	7.6	8.0							
IM1	Fine	Moderate	16:30	4.2	Surface	1.0	0.3	10	23.8	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.8	7.8	5.2	5.6	3	5	817962	807151
						1.0	0.3	10	23.8		8.1	8.1	32.5	32.5	110.3	110.3	7.8		5.2					
						-	-	-	-		-	-	-	-	-	-	-		-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-							
						3.2	0.2	5	23.8	8.1	8.1	32.5	32.4	110.3	110.3	7.7	6.1							
						3.2	0.2	5	23.8	8.1	8.1	32.4	32.4	110.3	110.3	7.7	6.0							
IM2	Fine	Moderate	16:23	6.2	Surface	1.0	0.4	0	23.8	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.7	7.7	4.6	5.6	3	5	818149	806161
						1.0	0.4	0	23.8		8.1	8.1	32.5	32.5	110.4	110.4	7.7		4.6					
						3.1	0.4	8	23.8		8.1	8.1	32.6	32.6	110.3	110.3	7.7		5.4					
					Middle	3.1	0.4	8	23.8	8.1	8.1	32.6	32.6	110.3	110.3	7.7	5.4							
						5.2	0.3	358	23.8	8.1	8.1	32.6	32.5	110.3	110.3	7.7	6.9							
						5.2	0.3	329	23.8	8.1	8.1	32.5	32.5	110.3	110.3	7.7	6.8							
IM3	Fine	Moderate	16:16	6.4	Surface	1.0	0.4	340	23.8	23.8	8.1	8.1	32.5	32.5	110.3	110.3	7.7	7.7	3.0	4.3	4	4	818776	805571
						1.0	0.4	340	23.8		8.1	8.1	32.5	32.5	110.2	110.2	7.7		3.0					
						3.2	0.4	335	23.8		8.1	8.1	32.5	32.5	110.2	110.2	7.7		4.4					
					Middle	3.2	0.4	344	23.8	8.1	8.1	32.5	32.5	110.1	110.1	7.7	4.4							
						5.4	0.4	339	23.8	8.1	8.1	32.4	32.3	110.2	110.2	7.7	5.4							
						5.4	0.4	312	23.8	8.1	8.1	32.3	32.3	110.2	110.2	7.8	5.5							
IM4	Fine	Moderate	16:06	8.0	Surface	1.0	0.9	344	23.8	23.8	8.1	8.1	32.4	32.4	110.4	110.4	7.8	7.8	2.4	3.4	6	5	819720	804626
						1.0	1.0	359	23.8		8.1	8.1	32.5	32.5	110.4	110.4	7.7		2.5					
						4.0	0.7	342	23.8		8.1	8.1	32.5	32.5	110.4	110.4	7.7		3.2					
					Middle	4.0	0.8	315	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.7	3.1							
						7.0	0.6	335	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.7	4.7							
						7.0	0.6	343	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.8	4.7							
IM5	Fine	Moderate	15:58	7.6	Surface	1.0	0.9	10	23.8	23.8	8.2	8.2	32.5	32.5	110.4	110.4	7.8	7.8	3.2	4.3	5	5	820748	804848
						1.0	1.0	10	23.8		8.2	8.2	32.5	32.5	110.4	110.4	7.8		3.2					
						3.8	0.9	9	23.8		8.2	8.2	32.5	32.5	110.4	110.4	7.7		4.4					
					Middle	3.8	0.9	9	23.8	8.2	8.2	32.5	32.5	110.3	110.3	7.7	4.3							
						6.6	0.8	9	23.8	8.2	8.2	32.6	32.7	110.2	110.2	7.7	5.4							
						6.6	0.8	9	23.8	8.2	8.2	32.7	32.7	110.2	110.2	7.7	5.4							
IM6	Fine	Moderate	15:51	6.6	Surface	1.0	0.1	50	23.8	23.8	8.2	8.2	32.5	32.5	110.9	110.9	7.8	7.8	5.8	6.6	4	5	821083	805837
						1.0	0.1	51	23.7		8.2	8.2	32.5	32.5	110.9	110.9	7.8		5.8					
						3.3	0.3	37	23.7		8.2	8.2	32.6	32.6	110.9	110.9	7.8		6.5					
					Middle	3.3	0.4	40	23.7	8.2	8.2	32.6	32.6	110.9	110.9	7.8	6.4							
						5.6	0.4	44	23.8	8.2	8.2	32.6	32.5	111.0	111.1	7.8	7.4							
						5.6	0.4	44	23.8	8.2	8.2	32.5	32.5	111.1	111.1	7.8	7.5							
IM7	Fine	Moderate	15:46	7.8	Surface	1.0	0.1	223	23.8	23.8	8.2	8.2	32.5	32.5	111.7	111.7	7.8	7.8	5.4	6.2	5	5	821371	806839
						1.0	0.1	244	23.8		8.2	8.2	32.5	32.5	111.7	111.7	7.8		5.4					
						3.9	0.2	115	23.8		8.2	8.2	32.5	32.5	111.7	111.7	7.8		6.2					
					Middle	3.9	0.2	126	23.8	8.2	8.2	32.5	32.5	111.7	111.7	7.8	6.1							
						6.8	0.2	92	23.8	8.2	8.2	32.5	32.5	111.7	111.7	7.8	7.1							
						6.8	0.2	95	23.8	8.2	8.2	32.5	32.5	111.7	111.7	7.8	7.0							
IM8	Cloudy	Moderate	16:13	7.6	Surface	1.0	0.2	73	24.0	24.0	8.2	8.2	32.0	32.0	100.3	100.3	7.0	7.0	1.9	2.1	4	6	821847	808153
						1.0	0.2	77	24.0		8.2	8.2	32.0	32.0	100.2	100.2	7.0		1.9					
						3.8	0.2	74	23.9		8.1	8.1	32.0	32.0	100.0	100.0	7.0		2.2					
					Middle	3.8	0.2	77	23.9	8.1	8.1	32.0	32.0	100.0	100.0	7.0	2.2							
						6.6	0.1	76	23.9	8.1	8.1	32.0	32.0	99.9	99.9	7.0	2.2							
						6.6	0.1	76	23.9	8.1	8.1	32.0	32.0	99.9	99.9	7.0	2.1							

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 16 November 21 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									
IM9	Cloudy	Moderate	16:20	7.2	Surface	1.0	0.3	81	24.0	24.0	8.1	8.1	32.0	32.0	100.4	100.4	7.0	7.0	2.6	5	4	822094	808825								
						1.0	0.3	84	24.0	8.1	8.1	32.0	32.0	100.4	100.4	7.0	7.0	2.6	6												
						3.6	0.3	79	23.9	23.9	8.1	8.1	32.0	32.0	100.2	100.2	7.0	7.0	3.2	5											
					Middle	3.6	0.3	81	23.9	23.9	8.1	8.1	32.0	32.0	100.2	100.2	7.0	7.0	3.3	4											
						6.2	0.2	71	23.9	23.9	8.1	8.1	32.0	32.0	99.9	99.9	7.0	7.0	2.5	3											
						6.2	0.2	75	23.9	23.9	8.1	8.1	32.0	32.0	99.9	99.9	7.0	7.0	2.5	3											
					IM10	Cloudy	Moderate	16:37	8.8	Surface	1.0	0.7	304	23.9	23.9	8.1	8.1	31.2	31.2	109.6				109.7	7.8	7.8	7.0	4	5	822406	809805
											1.0	0.7	306	23.9	23.9	8.1	8.1	31.2	31.2	109.7				109.7	7.8	7.9	7.0	4			
											4.4	0.6	301	23.8	23.8	8.1	8.1	31.2	31.2	110.1				110.2	7.9	7.9	8.2	4			
Middle	4.4	0.6	301	23.8						23.8	8.1	8.1	31.2	31.2	110.2	110.2	7.9	7.9	8.2	4											
	7.8	0.5	302	23.9						23.9	8.2	8.2	31.2	31.1	111.0	111.2	7.9	7.9	9.3	6											
	7.8	0.5	310	23.9						23.9	8.2	8.2	31.1	31.1	111.4	111.4	7.9	7.9	9.3	5											
IM11	Cloudy	Moderate	16:48	7.8						Surface	1.0	0.7	300	24.5	24.5	8.1	8.1	31.4	31.4	108.0	108.1	7.6	7.6	5.9	7	6	822047	811447			
											1.0	0.7	328	24.5	24.5	8.1	8.1	31.4	31.4	108.1	108.1	7.6	7.7	5.9	7						
											3.9	0.6	302	24.3	24.3	8.1	8.1	31.5	31.5	108.4	108.5	7.7	7.7	7.0	6						
					Middle	3.9	0.6	305	24.3	24.3	8.1	8.1	31.6	31.6	108.6	108.6	7.7	7.7	7.0	6											
						6.8	0.4	310	24.2	24.2	8.1	8.1	31.6	31.7	109.2	109.4	7.7	7.8	7.8	5											
						6.8	0.4	340	24.1	24.1	8.1	8.1	31.7	31.7	109.6	109.6	7.8	7.8	7.8	5											
					IM12	Cloudy	Moderate	16:53	8.6	Surface	1.0	0.8	281	24.4	24.4	8.1	8.1	31.4	31.4	109.4	109.5	7.7	7.7	4.8	6				5	821450	812038
											1.0	0.8	293	24.4	24.4	8.1	8.1	31.4	31.4	109.5	109.5	7.7	7.8	4.8	6						
											4.3	0.7	279	24.3	24.3	8.1	8.1	31.4	31.4	109.9	110.0	7.8	7.8	6.1	5						
Middle	4.3	0.7	279	24.3						24.3	8.1	8.1	31.5	31.5	110.1	110.1	7.8	7.8	6.1	5											
	7.6	0.6	277	24.2						24.2	8.1	8.1	31.5	31.5	111.0	111.2	7.8	7.9	7.7	4											
	7.6	0.7	297	24.2						24.2	8.1	8.1	31.5	31.5	111.4	111.4	7.9	7.9	7.7	4											
SR1A	Cloudy	Moderate	17:20	5.2						Surface	1.0	-	-	24.4	24.4	8.1	8.1	31.4	31.4	107.8	107.8	7.6	7.6	7.6	5	6	819975	812660			
											1.0	-	-	24.4	24.4	8.1	8.1	31.5	31.4	107.8	107.8	7.6	7.6	7.6	6						
											2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						4.2	-	-	24.4	24.4	8.1	8.1	31.4	31.4	107.8	107.9	7.6	7.6	8.3	6											
						4.2	-	-	24.4	24.4	8.1	8.1	31.4	31.4	107.9	107.9	7.6	7.6	8.3	6											
					SR2	Cloudy	Moderate	17:34	4.6	Surface	1.0	0.2	341	24.4	24.4	8.1	8.1	31.4	31.4	107.4	107.5	7.6	7.6	7.6	6				7	821482	814150
											1.0	0.2	347	24.4	24.4	8.1	8.1	31.4	31.4	107.5	107.5	7.6	7.6	7.6	6						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	3.6	0.2	351	24.4						24.4	8.1	8.1	31.4	31.4	107.8	107.8	7.6	7.6	8.5	7											
	3.6	0.2	323	24.4						24.4	8.1	8.1	31.4	31.4	107.8	107.8	7.6	7.6	8.5	7											
SR3	Cloudy	Moderate	16:09	8.4						Surface	1.0	0.3	72	23.9	23.9	8.2	8.2	31.9	31.9	99.8	99.8	7.0	7.0	2.0	5	5	822145	807573			
											1.0	0.3	74	23.9	23.9	8.2	8.2	31.9	31.9	99.8	99.8	7.0	7.0	2.0	5						
											4.2	0.2	73	23.9	23.9	8.2	8.2	32.0	32.0	99.6	99.6	7.0	7.0	2.4	5						
					Middle	4.2	0.2	75	23.9	23.9	8.2	8.2	32.0	32.0	99.6	99.6	7.0	7.0	2.3	4											
						7.4	0.2	55	23.9	23.9	8.2	8.2	32.0	32.0	98.3	98.2	6.9	6.9	5.0	5											
						7.4	0.2	58	23.9	23.9	8.2	8.2	32.0	32.0	98.0	98.0	6.9	6.9	5.1	5											
					SR4A	Fine	Moderate	17:10	7.6	Surface	1.0	0.1	142	23.8	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.7	7.7	3.0	5				5	817176	807791
											1.0	0.1	149	23.8	23.8	8.1	8.1	32.5	32.5	110.3	110.3	7.7	7.7	3.0	5						
											3.8	0.1	83	23.8	23.8	8.1	8.1	32.6	32.6	110.3	110.3	7.7	7.7	4.2	5						
Middle	3.8	0.1	86	23.8						23.8	8.1	8.1	32.6	32.6	110.3	110.3	7.7	7.7	4.2	5											
	6.6	0.1	109	23.8						23.8	8.1	8.1	32.5	32.5	110.3	110.3	7.7	7.7	5.1	5											
	6.6	0.1	118	23.8						23.8	8.1	8.1	32.5	32.5	110.3	110.3	7.7	7.7	5.0	4											
SR5A	Fine	Moderate	17:28	4.0						Surface	1.0	0.1	255	23.8	23.8	8.1	8.1	32.5	32.5	110.4	110.4	7.7	7.7	4.1	3	5	816613	810686			
											1.0	0.1	278	23.8	23.8	8.1	8.1	32.6	32.6	110.4	110.4	7.7	7.7	4.1	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						3.0	0.1	296	23.8	23.8	8.1	8.1	32.6	32.6	110.3	110.3	7.7	7.7	5.8	5											
						3.0	0.1	299	23.8	23.8	8.1	8.1	32.6	32.6	110.3	110.3	7.7	7.7	5.8	6											
					SR6A	Fine	Moderate	17:53	4.2	Surface	1.0	0.1	227	23.8	23.8	8.1	8.1	32.5	32.5	110.3	110.3	7.7	7.7	6.8	7				6	817985	814759
											1.0	0.1	247	23.8	23.8	8.1	8.1	32.5	32.5	110.3	110.3	7.7	7.7	6.9	6						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	3.2	0.0	233	23.8						23.8	8.1	8.1	32.6	32.6	110.3	110.3	7.7	7.7	7.2	6											
	3.2	0.0	244	23.8						23.8	8.1	8.1	32.7	32.6	110.3	110.3	7.7	7.7	7.1	6											
SR7	Cloudy	Moderate	18:30	16.8						Surface	1.0	0.2	108	24.9	24.9	8.1	8.1	32.2	32.2	101.7	101.8	7.1	7.1	8.2	7	6	823648	823738			
											1.0	0.2	118	24.9	24.9	8.1	8.1	32.2	32.2	101.9	101.9	7.1	7.2	8.2	7						
											8.4	0.2	67	24.9	24.9	8.1	8.1	32.3	32.3	102.9	103.1	7.2	7.2	9.5	6						
					Middle	8.4	0.2	71	24.9	24.9	8.1	8.1	32.3	32.3	103.2	103.2	7.2	7.2	9.5	6											
						15.8	0.3	33	24.9	24.9	8.1	8.1	32.3	32.3	104.0	104.1	7.2	7.2	9.8	6											
						15.8	0.4	33	24.9	24.9	8.1	8.1	32.3	32.3	104.2	104.2	7.2	7.2	9.8	6											
					SR8	Cloudy	Moderate	17:01	4.2	Surface	1.0	-	-	24.4	24.4	8.1	8.1	31.4	31.4	108.5	108.6	7.6	7.6	11.3	4				4	820413	811641
											1.0	-	-	24.4	24.4	8.1	8.1	31.4	31.4	108.6	108.6	7.7	7.7	11.3	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	3.2	-	-	24.4						24.4	8.1	8.1	31.6	31.5	108.6	108.6	7.6	7.7	12.2	4											
	3.2	-	-	24.4						24.4	8.1	8.1	31.4	31.4	108.6	108.6	7.7	7.7	12.2	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 18 November 21 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	11:37	8.2	Surface	1.0	0.1	74	23.2	23.2	8.3	8.3	32.4	32.4	108.5	108.4	7.7	7.4	5.5	8.3	9	6	815604	804233			
						1.0	0.1	75	23.2		8.3	8.3	32.4	32.4	98.6	7.7	5.6										
						4.1	0.1	105	23.1		8.3	8.3	32.6	32.6	99.8	7.1	6										
					Middle	4.1	0.1	109	23.1	23.1	8.3	8.3	32.6	32.6	99.6	7.1	7.0	5	8.3	8.9	6				5		
						7.2	0.0	85	23.1		8.3	8.3	32.6	32.6	98.5	7.0		10.4									
						7.2	0.0	86	23.1		8.3	8.3	32.6	32.6	98.4	7.0		10.6									
					Bottom	7.2	0.0	86	23.1	23.1	8.3	8.3	32.6	32.6	98.5	98.5	7.0	7.0	5	8.3	5				6	5	
						7.2	0.0	86	23.1		8.3	8.3	32.6	32.6	98.4	7.0	10.6										
						7.2	0.0	86	23.1		8.3	8.3	32.6	32.6	98.4	7.0	10.6										
C2	Sunny	Rough	10:37	8.6	Surface	1.0	0.1	183	23.7	23.7	8.0	8.0	31.5	31.5	98.6	98.6	7.0	7.0	2.6	3.8	3	4	825693	806957			
						1.0	0.1	191	23.7		8.0	8.0	31.5	31.5	98.6	7.0	2.7										
						4.3	0.1	170	23.7		7.9	7.9	31.8	31.8	99.1	7.0	4.4										
					Middle	4.3	0.1	176	23.7	23.7	7.9	7.9	31.8	31.8	99.1	7.0	7.2	4	3.8	4	4				4		
						7.6	0.1	307	23.7		7.9	7.9	32.2	32.2	101.9	7.2		4.3									
						7.6	0.1	334	23.7		7.9	7.9	32.2	32.2	102.0	7.2		4.3									
					Bottom	7.6	0.1	307	23.7	23.7	7.9	7.9	32.2	32.2	101.9	102.0	7.2	7.2	4	3.8	4				4	4	
						7.6	0.1	334	23.7		7.9	7.9	32.2	32.2	102.0	7.2	4.3										
						7.6	0.1	334	23.7		7.9	7.9	32.2	32.2	102.0	7.2	4.3										
C3	Sunny	Rough	12:32	10.7	Surface	1.0	0.2	38	24.1	24.1	8.1	8.1	32.5	32.5	95.2	95.2	6.7	6.6	4.8	6.6	4	4	822103	817810			
						1.0	0.2	40	24.1		8.1	8.1	32.5	32.5	95.2	6.6	4.9										
						5.4	-	330	24.2		8.1	8.1	32.5	32.5	94.0	6.6	5.3										
					Middle	5.4	-	340	24.2	24.2	8.1	8.1	32.5	32.5	94.0	94.0	6.6	6.5	4	6.6	4				4	4	
						9.7	0.1	223	24.2		8.0	8.0	32.5	32.5	93.7	6.5	9.5										
						9.7	0.1	233	24.2		8.0	8.0	32.5	32.5	93.8	6.5	9.6										
					Bottom	9.7	0.1	223	24.2	24.2	8.0	8.0	32.5	32.5	93.7	93.8	6.5	6.5	3	6.6	3				4	3	
						9.7	0.1	233	24.2		8.0	8.0	32.5	32.5	93.8	6.5	9.6										
						9.7	0.1	233	24.2		8.0	8.0	32.5	32.5	93.8	6.5	9.6										
IM1	Cloudy	Moderate	11:17	5.1	Surface	1.0	0.1	182	23.2	23.2	8.3	8.3	32.5	32.5	113.7	113.5	8.1	8.1	5.4	5.7	4	4	817934	807140			
						1.0	0.1	185	23.2		8.3	8.3	32.5	32.5	113.2	8.0	5.5										
						-	-	-	-		-	-	-	-	-	-	-										
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	4				-	4	-
						-	-	-	-		-	-	-	-	-	-		-									
						-	-	-	-		-	-	-	-	-	-		-									
					Bottom	4.1	0.1	188	23.0	23.0	8.3	8.3	32.6	32.6	109.4	109.3	7.8	7.8	6.0	5.7	3				4	3	
						4.1	0.1	203	23.0		8.3	8.3	32.6	32.6	109.1	7.8	6.0										
						4.1	0.1	203	23.0		8.3	8.3	32.6	32.6	109.1	7.8	6.0										
IM2	Cloudy	Moderate	11:11	7.0	Surface	1.0	0.1	81	23.1	23.1	8.3	8.3	32.5	32.5	107.6	107.5	7.6	7.6	5.4	6.6	9	7	818142	806174			
						1.0	0.1	81	23.1		8.3	8.3	32.5	32.5	107.3	7.6	5.5										
						3.5	0.1	166	23.1		8.3	8.3	32.5	32.5	106.6	7.6	6.3										
					Middle	3.5	0.1	180	23.1	23.1	8.3	8.3	32.5	32.5	106.6	106.6	7.6	7.1	7	6.6	7				4	7	
						6.0	0.1	172	23.0		8.3	8.3	32.5	32.6	100.1	7.1	7.9										
						6.0	0.1	182	23.0		8.3	8.3	32.6	32.6	100.0	7.1	8.0										
					Bottom	6.0	0.1	172	23.0	23.0	8.3	8.3	32.5	32.6	100.1	100.1	7.1	7.1	4	6.6	4				4	4	
						6.0	0.1	182	23.0		8.3	8.3	32.6	32.6	100.0	7.1	8.0										
						6.0	0.1	182	23.0		8.3	8.3	32.6	32.6	100.0	7.1	8.0										
IM3	Cloudy	Moderate	11:05	7.1	Surface	1.0	0.1	106	23.2	23.2	8.3	8.3	32.5	32.5	109.2	109.1	7.7	7.6	6.0	8.2	8	7	818762	805595			
						1.0	0.1	114	23.2		8.3	8.3	32.5	32.5	109.0	7.7	6.0										
						3.6	0.0	34	23.1		8.3	8.3	32.5	32.5	106.1	7.5	7.7										
					Middle	3.6	0.0	36	23.1	23.1	8.3	8.3	32.5	32.5	106.0	106.1	7.5	7.2	6	8.2	6				4	6	
						6.1	0.1	186	23.0		8.3	8.3	32.5	32.5	101.0	7.2	10.6										
						6.1	0.1	198	23.0		8.3	8.3	32.5	32.5	100.8	7.2	11.1										
					Bottom	6.1	0.1	186	23.0	23.0	8.3	8.3	32.5	32.5	101.0	100.9	7.2	7.2	5	8.2	5				4	5	
						6.1	0.1	198	23.0		8.3	8.3	32.5	32.5	100.8	7.2	11.1										
						6.1	0.1	198	23.0		8.3	8.3	32.5	32.5	100.8	7.2	11.1										
IM4	Cloudy	Moderate	10:56	8.0	Surface	1.0	0.1	167	23.1	23.1	8.3	8.3	32.4	32.4	109.8	109.7	7.8	7.6	5.9	5.8	9	7	819716	804603			
						1.0	0.1	167	23.1		8.3	8.3	32.4	32.4	109.5	7.8	5.9										
						4.0	0.1	152	23.1		8.3	8.3	32.5	32.5	104.0	7.4	5.8										
					Middle	4.0	0.1	163	23.1	23.1	8.3	8.3	32.5	32.5	103.8	103.9	7.4	7.3	6	5.8	6				4	6	
						7.0	0.1	136	23.0		8.3	8.3	32.5	32.5	102.7	7.3	5.8										
						7.0	0.1	136	23.0		8.3	8.3	32.5	32.5	102.7	7.3	5.9										
					Bottom	7.0	0.1	136	23.0	23.0	8.3	8.3	32.5	32.5	102.7	102.7	7.3	7.3	5	5.8	5				4	5	
						7.0	0.1	136	23.0		8.3	8.3	32.5	32.5	102.7	7.3	5.9										
						7.0	0.1	136	23.0		8.3	8.3	32.5	32.5	102.7	7.3	5.9										
IM5	Cloudy	Moderate	10:49	8.4	Surface	1.0	0.2	215	23.0	23.0	8.3	8.3	32.1	32.1	104.3	104.3	7.4	7.4	4.3	6.5	3	4	820720	804850			
						1.0	0.2	235	23.0		8.3	8.3	32.1	32.1	104.3	7.4	4.4										
						4.2	0.3	200	23.0		8.3	8.3	32.4	32.4	103.4	7.4	6.7										
					Middle	4.2	0.3	215	23.0	23.0	8.3	8.3	32.4	32.4	103.4	103.2	7.3	7.0	4	6.5	4				4	4	
						7.4	0.2	204	23.0		8.3	8.3	32.5	32.5	97.9	7.0	8.3										
						7.4	0.2	215	23.0		8.3	8.3	32.5	32.5	97.5	6.9	8.3										
					Bottom	7.4	0.2	204	23.0	23.0	8.3	8.3	32.5	32.5	97.9	97.7	7.0	7.0	6	6.5	6				4	6	
						7.4	0.2	215	23.0		8.3	8.3	32.5	32.5	97.5	6.9	8.3										
						7.4	0.2	215	23.0		8.3	8.3	32.5	32.5	97.5	6.9	8.3										
IM6	Cloudy	Moderate	10:42	7.7	Surface	1.0	0.1	206	23.0	23.0	8.2	8.2	31.6	31.6	99.8	99.8	7.1	7.1	3.9	4.9	8	6	821047	805819			
						1.0	0.1	217	23.0		8.2	8.2	31.7	31.7	99.7	7.1	4.0										
						3.9	0.1	185	23.0		8.2	8.2	32.0	32.0	98.7	7.0	4.8										
					Middle	3.9	0.1	191	23.0	23.0	8.2	8.2	32.0	32.0	98.7	98.7	7.0	6.6	5	4.9	5				4	5	
						6.7	0.1	176	23.0		8.2	8.2	32.3	32.3	92.1	6.6	5.9										
						6.7	0.1	176	23.0		8.2	8.2	32.3	32.3	92.0	6.6	6.0										
					Bottom	6.7	0.1	176	23.0	23.0	8.2	8.2	32.3	32.3	92.1	92.1	6.6	6.6	4	4.9	4				4	4	
						6.7	0.1	176	23.0		8.2	8.2	32.3	32.3	92.0	6.6	6.0										
						6.7	0.1	176	23.0		8.2	8.2	32.3	32.3	92.0	6.6	6.0										
IM7	Cloudy	Moderate	10:35	8.4	Surface	1.0	0.0	312	23.0	23.0	8.3																

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 18 November 21 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			
IM9	Sunny	Rough	11:04	7.5	Surface	1.0	0.1	98	23.7	23.7	8.0	8.0	32.3	32.3	101.2	101.2	7.1	7.1	3.2	5.3	4	822116	808830		
						1.0	0.1	105	23.7		8.0	8.0	32.3	32.3	101.2	101.2	7.1		3.2						
						3.8	0.2	62	23.7		8.0	8.0	32.3	32.3	101.0	101.0	7.1		5.5						
					Middle	3.8	0.2	62	23.7	23.7	8.0	8.0	32.3	32.3	101.0	101.0	7.1	7.1	5.5	5.3	4	822116	808830		
						6.5	0.1	75	23.7		8.0	8.0	32.3	32.3	100.7	100.7	7.1		7.2						
						6.5	0.1	81	23.7		8.0	8.0	32.3	32.3	100.7	100.7	7.1		7.2						
Bottom	6.5	0.1	81	23.7	23.7	8.0	8.0	32.3	32.3	100.7	100.7	7.1	7.1	7.2	5.3	4	822116	808830							
	6.5	0.1	81	23.7		8.0	8.0	32.3	32.3	100.7	100.7	7.1		7.2											
	6.5	0.1	81	23.7		8.0	8.0	32.3	32.3	100.7	100.7	7.1		7.2											
IM10	Sunny	Rough	11:11	7.6	Surface	1.0	0.4	105	23.9	23.9	8.0	8.0	32.3	32.3	102.3	102.3	7.2	7.2	5.4	5.6	6	822392	809797		
						1.0	0.4	109	23.9		8.0	8.0	32.3	32.3	102.3	102.3	7.2		5.5						
						3.8	0.4	98	23.9		7.9	7.9	32.3	32.3	101.9	101.9	7.1		4.8						
					Middle	3.8	0.4	99	23.9	23.9	7.9	7.9	32.3	32.3	101.8	101.8	7.1	7.1	4.8	5.6	6	822392	809797		
						6.6	0.3	66	23.8		7.9	7.9	32.3	32.3	101.5	101.5	7.1		6.5						
						6.6	0.3	72	23.8		7.9	7.9	32.3	32.3	101.5	101.5	7.1		6.6						
Bottom	6.6	0.3	66	23.8	23.8	7.9	7.9	32.3	32.3	101.5	101.5	7.1	7.1	6.5	5.6	6	822392	809797							
	6.6	0.3	72	23.8		7.9	7.9	32.3	32.3	101.5	101.5	7.1		6.6											
	6.6	0.3	72	23.8		7.9	7.9	32.3	32.3	101.5	101.5	7.1		6.6											
IM11	Sunny	Rough	11:20	7.9	Surface	1.0	0.1	84	23.9	23.9	8.0	8.0	32.4	32.4	101.9	101.9	7.1	7.1	4.9	5.5	4	822071	811438		
						1.0	0.1	89	23.9		8.0	8.0	32.4	32.4	101.9	101.9	7.1		5.0						
						4.0	0.2	92	23.9		8.0	8.0	32.4	32.4	101.7	101.7	7.1		5.0						
					Middle	4.0	0.2	101	23.9	23.9	8.0	8.0	32.4	32.4	101.7	101.7	7.1	7.1	5.0	5.5	4	822071	811438		
						6.9	0.1	109	23.9		7.9	7.9	32.4	32.4	101.4	101.4	7.1		6.5						
						6.9	0.1	112	23.9		7.9	7.9	32.4	32.4	101.4	101.4	7.1		6.6						
Bottom	6.9	0.1	109	23.9	23.9	7.9	7.9	32.4	32.4	101.4	101.4	7.1	7.1	6.5	5.5	4	822071	811438							
	6.9	0.1	112	23.9		7.9	7.9	32.4	32.4	101.4	101.4	7.1		6.6											
	6.9	0.1	112	23.9		7.9	7.9	32.4	32.4	101.4	101.4	7.1		6.6											
IM12	Sunny	Rough	11:26	8.0	Surface	1.0	0.3	107	23.9	23.9	8.0	8.0	32.4	32.4	97.5	97.5	6.8	6.8	6.1	7.8	5	821473	812064		
						1.0	0.3	108	23.9		8.0	8.0	32.4	32.4	97.5	97.5	6.8		6.1						
						4.0	0.2	88	23.9		7.9	7.9	32.4	32.4	97.3	97.3	6.8		7.5						
					Middle	4.0	0.2	92	23.9	23.9	7.9	7.9	32.4	32.4	97.3	97.3	6.8	6.8	7.4	7.8	5	821473	812064		
						7.0	0.2	124	23.9		7.8	7.8	32.4	32.4	97.2	97.3	6.8		9.9						
						7.0	0.2	129	23.9		7.8	7.8	32.4	32.4	97.3	97.3	6.8		9.9						
Bottom	7.0	0.2	124	23.9	23.9	7.8	7.8	32.4	32.4	97.2	97.3	6.8	6.8	9.9	7.8	5	821473	812064							
	7.0	0.2	129	23.9		7.8	7.8	32.4	32.4	97.3	97.3	6.8		9.9											
	7.0	0.2	129	23.9		7.8	7.8	32.4	32.4	97.3	97.3	6.8		9.9											
SR1A	Sunny	Moderate	11:55	4.7	Surface	1.0	-	-	23.8	23.8	8.1	8.1	32.3	32.3	99.3	99.3	7.0	7.0	3.9	4.5	3	819974	812657		
						1.0	-	-	23.8		8.1	8.1	32.3	32.3	99.3	99.3	7.0		4.0						
						2.4	-	-	-		-	-	-	-	-	-	-		-						
					Middle	2.4	-	-	-	23.8	-	-	-	-	-	-	-	-	-	7.0	-	4.5	3	819974	812657
						2.4	-	-	-		-	-	-	-	-	-	-	-							
						3.7	-	-	23.8		8.1	8.1	32.3	32.3	99.6	99.6	7.0	5.1							
Bottom	3.7	-	-	23.8	23.8	8.1	8.1	32.3	32.3	99.6	99.6	7.0	7.0	5.1	4.5	3	819974	812657							
	3.7	-	-	23.8		8.1	8.1	32.3	32.3	99.6	99.6	7.0		5.1											
	3.7	-	-	23.8		8.1	8.1	32.3	32.3	99.6	99.6	7.0		5.1											
SR2	Sunny	Rough	12:09	4.4	Surface	1.0	0.2	12	23.8	23.8	8.1	8.1	32.4	32.4	100.0	100.0	7.0	7.0	5.6	6.4	4	821446	814188		
						1.0	0.2	13	23.8		8.1	8.1	32.4	32.4	100.0	100.0	7.0		5.7						
						-	-	-	-		-	-	-	-	-	-	-		-						
					Middle	-	-	-	-	23.8	-	-	-	-	-	-	-	-	-	7.0	-	6.4	4	821446	814188
						-	-	-	-		-	-	-	-	-	-	-	-							
						-	-	-	-		-	-	-	-	-	-	-	-							
Bottom	3.4	0.2	14	23.8	23.8	7.9	7.9	32.3	32.3	100.1	100.2	7.0	7.0	7.1	6.4	4	821446	814188							
	3.4	0.2	14	23.8		7.9	7.9	32.3	32.3	100.1	100.2	7.0		7.1											
	3.4	0.2	14	23.8		7.9	7.9	32.3	32.3	100.1	100.2	7.0		7.1											
SR3	Sunny	Rough	10:52	7.8	Surface	1.0	0.1	155	23.7	23.7	7.9	7.9	31.7	31.7	100.2	100.2	7.1	7.1	2.1	4.1	4	822155	807574		
						1.0	0.1	168	23.7		7.9	7.9	31.7	31.7	100.2	100.2	7.1		2.1						
						3.9	0.1	168	23.7		7.9	7.9	32.2	32.2	101.9	101.9	7.2		3.5						
					Middle	3.9	0.1	175	23.7	23.7	7.9	7.9	32.2	32.2	101.9	101.9	7.2	7.2	3.6	4.1	4	822155	807574		
						6.8	0.1	300	23.7		7.9	7.9	32.6	32.6	102.6	102.6	7.2		6.5						
						6.8	0.1	325	23.7		7.9	7.9	32.6	32.6	102.6	102.6	7.2		6.6						
Bottom	6.8	0.1	300	23.7	23.7	7.9	7.9	32.6	32.6	102.6	102.6	7.2	7.2	6.5	4.1	4	822155	807574							
	6.8	0.1	325	23.7		7.9	7.9	32.6	32.6	102.6	102.6	7.2		6.6											
	6.8	0.1	325	23.7		7.9	7.9	32.6	32.6	102.6	102.6	7.2		6.6											
SR4A	Cloudy	Moderate	11:59	8.3	Surface	1.0	0.2	79	23.1	23.1	8.3	8.3	32.6	32.6	108.5	108.4	7.7	7.6	6.1	6.8	8	817194	807791		
						1.0	0.2	84	23.1		8.3	8.3	32.6	32.6	108.2	108.2	7.7		6.3						
						4.2	0.1	42	23.1		8.3	8.3	32.6	32.6	105.9	105.8	7.5		6.7						
					Middle	4.2	0.1	43	23.1	23.1	8.3	8.3	32.6	32.6	105.8	105.8	7.5	7.5	6.8	6.8	8	817194	807791		
						7.3	0.1	63	23.1		8.3	8.3	32.6	32.6	102.8	102.7	7.3		7.4						
						7.3	0.1	66	23.1		8.3	8.3	32.6	32.6	102.6	102.6	7.3		7.4						
Bottom	7.3	0.1	63	23.1	23.1	8.3	8.3	32.6	32.6	102.8	102.7	7.3	7.3	7.4	6.8	8	817194	807791							
	7.3	0.1	66	23.1		8.3	8.3	32.6	32.6	102.6	102.6	7.3		7.4											
	7.3	0.1	66	23.1		8.3	8.3	32.6	32.6	102.6	102.6	7.3		7.4											
SR5A	Cloudy	Moderate	12:15	4.4	Surface	1.0	0.1	355	23.2	23.2	8.3	8.3	32.4	32.4	109.9	109.8	7.8	7.8	6.7	7.0	6	816594	810699		
						1.0	0.1	327	23.2		8.3	8.3	32.4	32.4	109.7	109.7	7.8		6.8						
						-	-	-	-		-	-	-	-	-	-	-		-						
					Middle	-	-	-	-	23.2	-	-	-	-	-	-	-	-	-	7.8	-	7.0	6	816594	810699
						-	-	-	-		-	-	-	-	-	-	-	-							
						3.4	0.1	8	23.2		8.3	8.3	32.4	32.4	106.9	106.5	7.6	7.2							

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

Water Quality Monitoring Results on 18 November 21 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	17:39	8.4	Surface	1.0	0.1	146	23.0	23.0	8.3	8.3	32.4	32.4	102.8	102.7	7.3	7.3	3.9	4	5	815598	804228	
						1.0	0.1	158	23.0	8.3	8.3	32.4	32.4	102.6	102.7	7.3	7.3	4.0	4					
						4.2	0.1	188	23.0	8.3	8.3	32.5	32.5	102.2	102.2	7.3	7.3	8.6	4					
					Middle	4.2	0.1	193	23.0	8.3	8.3	32.5	32.5	102.1	102.1	7.3	7.3	8.5	5					
						7.4	0.1	190	23.0	8.2	8.2	32.6	32.6	100.5	100.5	7.1	7.1	10.6	7					
						7.4	0.1	202	23.0	8.2	8.2	32.6	32.6	100.4	100.4	7.1	7.1	10.7	7					
C2	Fine	Rough	19:15	9.1	Surface	1.0	0.1	164	23.8	23.8	8.0	8.0	31.6	31.6	98.4	98.5	7.0	7.0	2.3	5	6	825668	806959	
						1.0	0.1	172	23.8	8.0	8.0	31.6	31.6	98.5	98.5	7.0	7.0	2.3	5					
						4.6	0.2	151	23.7	8.0	8.0	31.9	31.9	100.3	100.3	7.1	7.1	4.6	5					
					Middle	4.6	0.2	153	23.7	8.0	8.0	31.9	31.9	100.3	100.3	7.1	7.1	4.6	5					
						8.1	0.4	177	23.7	8.1	8.1	32.5	32.5	103.8	103.8	7.3	7.3	5.4	6					
						8.1	0.4	177	23.7	8.1	8.1	32.5	32.5	103.8	103.8	7.3	7.3	5.4	7					
C3	Fine	Rough	16:56	11.5	Surface	1.0	0.1	222	24.1	24.1	8.0	7.9	32.5	32.5	95.2	95.2	6.6	6.6	2.0	9	7	822113	817799	
						1.0	0.1	223	24.1	7.9	7.9	32.5	32.5	95.2	95.2	6.6	6.6	2.1	8					
						5.8	0.1	234	24.2	7.9	7.9	32.5	32.5	94.3	94.3	6.6	6.6	4.8	6					
					Middle	5.8	0.1	239	24.2	7.9	7.9	32.5	32.5	94.3	94.3	6.6	6.6	4.8	6					
						10.5	0.2	254	24.2	7.9	7.9	32.6	32.6	94.6	94.6	6.6	6.6	8.0	5					
						10.5	0.2	266	24.2	7.9	7.9	32.6	32.6	94.6	94.6	6.6	6.6	8.1	5					
IM1	Cloudy	Moderate	18:00	5.2	Surface	1.0	0.1	175	23.0	23.0	8.3	8.3	32.5	32.5	105.4	105.4	7.5	7.5	5.5	4	5	817942	807110	
						1.0	0.1	184	23.0	8.3	8.3	32.5	32.5	105.3	105.3	7.5	7.5	5.6	4					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						4.2	0.1	170	23.0	8.3	8.3	32.4	32.4	102.7	102.6	7.3	7.3	6.0	5					
						4.2	0.1	172	23.0	8.3	8.3	32.4	32.4	102.4	102.4	7.3	7.3	5.9	5					
IM2	Cloudy	Moderate	18:08	7.1	Surface	1.0	0.2	342	23.0	23.0	8.3	8.3	32.6	32.6	103.9	103.9	7.4	7.4	2.7	6	5	818148	806189	
						1.0	0.2	355	23.0	8.3	8.3	32.6	32.6	103.9	103.9	7.4	7.4	3.1	6					
						3.6	0.1	325	23.0	8.3	8.3	32.6	32.6	101.4	101.4	7.2	7.2	4.2	5					
					Middle	3.6	0.1	350	23.0	8.3	8.3	32.6	32.6	101.4	101.4	7.2	7.2	4.5	5					
						6.1	0.1	288	23.0	8.2	8.2	32.5	32.5	100.0	99.9	7.1	7.1	6.2	5					
						6.1	0.1	305	23.0	8.2	8.2	32.5	32.5	99.8	99.8	7.1	7.1	6.2	5					
IM3	Cloudy	Moderate	18:14	7.2	Surface	1.0	0.2	331	23.0	23.0	8.3	8.3	32.5	32.5	102.4	102.4	7.3	7.3	3.8	7	8	818760	805583	
						1.0	0.2	343	23.0	8.3	8.3	32.5	32.5	102.3	102.3	7.3	7.3	3.8	7					
						3.6	0.1	310	23.0	8.3	8.3	32.5	32.5	101.1	101.1	7.2	7.2	4.4	8					
					Middle	3.6	0.1	316	23.0	8.3	8.3	32.5	32.5	101.0	101.0	7.2	7.2	4.4	9					
						6.2	0.0	243	23.0	8.3	8.3	32.5	32.5	99.5	99.5	7.1	7.1	5.4	9					
						6.2	0.0	253	23.0	8.3	8.3	32.5	32.5	99.4	99.4	7.1	7.1	5.5	8					
IM4	Cloudy	Moderate	18:24	8.0	Surface	1.0	0.0	33	23.0	23.0	8.3	8.3	32.5	32.5	103.0	103.0	7.3	7.3	3.1	6	5	819742	804601	
						1.0	0.0	35	23.0	8.3	8.3	32.5	32.5	102.9	102.9	7.3	7.3	3.1	6					
						4.0	0.1	25	23.0	8.3	8.3	32.5	32.5	100.7	100.7	7.2	7.2	3.9	5					
					Middle	4.0	0.1	25	23.0	8.3	8.3	32.5	32.5	100.6	100.6	7.2	7.2	3.9	5					
						7.0	0.1	321	23.0	8.3	8.3	32.5	32.5	99.0	98.9	7.0	7.0	3.9	3					
						7.0	0.1	335	23.0	8.3	8.3	32.5	32.5	98.8	98.8	7.0	7.0	3.8	3					
IM5	Cloudy	Moderate	18:32	8.3	Surface	1.0	0.2	262	23.0	23.0	8.3	8.3	32.5	32.5	102.1	102.0	7.3	7.2	3.9	3	4	820713	804860	
						1.0	0.2	281	23.0	8.3	8.3	32.5	32.5	101.8	101.8	7.2	7.2	4.1	3					
						4.2	0.2	284	23.0	8.3	8.3	32.5	32.5	100.6	100.5	7.2	7.2	5.1	4					
					Middle	4.2	0.2	305	23.0	8.3	8.3	32.5	32.5	100.4	100.4	7.2	7.2	5.2	5					
						7.3	0.1	39	23.0	8.3	8.3	32.5	32.5	99.4	99.1	7.1	7.1	5.5	5					
						7.3	0.1	40	23.0	8.3	8.3	32.5	32.5	98.7	98.7	7.0	7.0	5.6	5					
IM6	Cloudy	Moderate	18:40	8.4	Surface	1.0	0.2	236	22.9	22.9	8.2	8.2	31.6	31.6	98.4	98.3	7.0	7.0	4.2	2	3	821041	805808	
						1.0	0.2	244	22.9	8.2	8.2	31.6	31.6	98.2	98.2	7.0	7.0	4.4	2					
						4.2	0.1	211	23.0	8.2	8.2	32.1	32.1	96.3	96.2	6.9	6.9	5.8	3					
					Middle	4.2	0.1	211	23.0	8.2	8.2	32.1	32.1	96.3	96.2	6.9	6.9	5.9	3					
						7.4	0.1	108	23.0	8.2	8.2	32.2	32.2	94.0	93.9	6.7	6.7	2.2	3					
						7.4	0.1	111	23.0	8.2	8.2	32.2	32.2	93.8	93.8	6.7	6.7	2.3	3					
IM7	Cloudy	Moderate	18:49	8.8	Surface	1.0	0.1	275	23.0	23.0	8.2	8.2	31.4	31.4	99.1	99.2	7.1	7.1	8.9	2	3	821367	806828	
						1.0	0.1	276	23.0	8.2	8.2	31.4	31.4	99.2	99.2	7.1	7.1	8.9	3					
						4.4	0.1	146	23.0	8.2	8.2	32.2	32.2	98.7	98.6	7.0	7.0	1.7	3					
					Middle	4.4	0.1	154	23.0	8.2	8.2	32.3	32.2	98.4	98.4	7.0	7.0	1.9	3					
						7.8	0.2	158	23.0	8.2	8.2	32.3	32.2	97.9	97.9	7.0	7.0	1.9	3					
						7.8	0.2	170	23.0	8.2	8.2	32.2	32.2	97.8	97.8	7.0	7.0	1.8	3					
IM8	Fine	Rough	18:47	8.6	Surface	1.0	0.4	98	23.7	23.7	8.0	8.0	31.6	31.6	99.3	99.3	7.0	7.1	1.9	7	6	821845	808158	
						1.0	0.4	107	23.7	8.0	8.0	31.6	31.6	99.3	99.3	7.0	7.1	1.9	6					
						4.3	0.4	82	23.7	8.0	8.0	32.0	31.9	100.2	100.3	7.1	7.1	2.2	5					
					Middle	4.3	0.4	83	23.7	8.0	8.0	31.9	31.9	100.2	100.3	7.1	7.1	2.2	5					
						7.6	0.1	63	23.7	8.0	8.0	32.2	32.2	101.0	101.0	7.1	7.1	3.7	5					
						7.6	0.1	68	23.7	8.0	8.0	32.2	32.2	101.0	101.0	7.1	7.1	3.7	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 18 November 21 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		
IM9	Fine	Rough	18:39	8.3	Surface	1.0	0.3	84	23.7	23.7	7.9	7.9	32.3	32.3	101.2	101.2	7.1	7.1	2.1	7	7	822117	808792	
						1.0	0.3	91	23.7	7.9	7.9	32.3	32.3	101.2	101.2	7.1	7.1	2.2	7					
						4.2	0.4	72	23.7	7.9	7.9	32.3	32.3	100.8	100.8	7.1	7.1	5.6	7					
					Middle	4.2	0.4	78	23.7	7.9	7.9	32.3	32.3	100.8	100.8	7.1	7.1	5.6	7					
						7.3	0.2	91	23.7	7.9	7.9	32.3	32.3	100.6	100.6	7.1	7.1	8.0	7					
						7.3	0.2	96	23.7	7.9	7.9	32.3	32.3	100.6	100.6	7.1	7.1	8.0	7					
IM10	Fine	Rough	18:31	8.5	Surface	1.0	0.5	72	23.8	23.8	7.8	7.8	32.3	32.3	102.2	102.2	7.2	7.2	4.3	6	7	822405	809786	
						1.0	0.5	73	23.8	7.8	7.8	32.3	32.3	102.2	102.2	7.2	7.2	4.3	6					
						4.3	0.3	94	23.8	7.8	7.8	32.3	32.3	102.0	102.0	7.2	7.2	4.1	6					
					Middle	4.3	0.3	94	23.8	7.8	7.8	32.3	32.3	101.9	102.0	7.2	7.2	4.1	6					
						7.5	0.5	76	23.8	7.9	7.9	32.4	32.4	102.1	102.1	7.2	7.2	4.6	8					
						7.5	0.6	79	23.8	7.9	7.9	32.4	32.4	102.1	102.1	7.2	7.2	4.5	8					
IM11	Fine	Rough	18:21	9.6	Surface	1.0	0.1	100	23.9	23.9	7.9	7.9	32.4	32.4	101.7	101.7	7.1	7.1	4.3	7	6	822041	811463	
						1.0	0.1	102	23.9	7.9	7.9	32.4	32.4	101.7	101.7	7.1	7.1	4.4	7					
						4.8	0.1	132	23.9	7.8	7.8	32.4	32.4	101.9	101.9	7.1	7.1	5.5	6					
					Middle	4.8	0.2	144	23.9	7.8	7.8	32.4	32.4	101.9	101.9	7.1	7.1	5.4	6					
						8.6	0.2	165	23.9	7.9	7.9	32.4	32.4	102.2	102.2	7.2	7.2	6.9	5					
						8.6	0.2	170	23.9	7.9	7.9	32.4	32.4	102.2	102.2	7.2	7.2	6.8	5					
IM12	Fine	Rough	18:13	9.7	Surface	1.0	0.1	238	23.9	23.9	7.9	7.9	32.4	32.4	97.5	97.5	6.8	6.8	3.2	4	6	821482	812063	
						1.0	0.1	246	23.9	7.9	7.9	32.4	32.4	97.5	97.5	6.8	6.8	3.3	4					
						4.9	0.1	251	23.9	7.9	7.9	32.4	32.4	97.7	97.7	6.9	6.9	4.4	6					
					Middle	4.9	0.1	273	23.9	7.9	7.9	32.4	32.4	97.7	97.7	6.9	6.9	4.4	6					
						8.7	0.2	166	23.9	8.0	8.0	32.4	32.4	95.1	95.1	6.6	6.6	4.9	8					
						8.7	0.2	167	23.9	8.0	8.0	32.4	32.4	95.1	95.1	6.6	6.6	4.9	7					
SR1A	Fine	Moderate	17:33	4.9	Surface	1.0	-	-	23.8	23.8	8.1	8.1	32.3	32.3	99.6	99.6	7.0	7.0	2.0	4	6	819982	812658	
						1.0	-	-	23.8	8.1	8.1	32.3	32.3	99.6	99.6	7.0	7.0	2.0	5					
						2.5	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.9	-	-	23.8	8.2	8.2	32.3	32.3	100.0	100.1	7.0	7.0	2.3	6					
						3.9	-	-	23.8	8.2	8.2	32.3	32.3	100.1	100.1	7.0	7.0	2.3	7					
SR2	Fine	Moderate	17:17	4.8	Surface	1.0	0.2	321	23.8	23.8	8.0	8.0	32.4	32.4	100.6	100.6	7.1	7.1	5.2	5	5	821451	814170	
						1.0	0.2	326	23.8	8.0	8.0	32.4	32.4	100.6	100.6	7.1	7.1	5.2	5					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.8	0.1	22	23.8	8.1	8.1	32.4	32.4	100.9	101.0	7.1	7.1	6.6	6					
						3.8	0.1	23	23.8	8.1	8.1	32.4	32.4	101.0	101.0	7.1	7.1	6.6	5					
SR3	Fine	Rough	18:54	7.6	Surface	1.0	0.4	120	23.7	23.7	8.0	8.0	31.8	31.8	100.3	100.3	7.1	7.1	3.2	3	4	822134	807571	
						1.0	0.4	125	23.7	8.0	8.0	31.8	31.8	100.3	100.3	7.1	7.1	3.3	3					
						3.8	0.3	112	23.7	8.0	8.0	32.4	32.4	102.6	102.6	7.2	7.2	5.2	5					
					Middle	3.8	0.4	114	23.7	8.0	8.0	32.4	32.4	102.5	102.5	7.2	7.2	5.3	5					
						6.6	0.3	109	23.7	8.0	8.0	32.9	32.9	103.7	103.7	7.3	7.3	10.0	5					
						6.6	0.3	118	23.7	8.0	8.0	32.9	32.9	103.7	103.7	7.3	7.3	10.0	5					
SR4A	Cloudy	Moderate	17:13	8.7	Surface	1.0	0.1	35	23.1	23.1	8.3	8.3	32.6	32.6	110.2	110.2	7.8	7.8	2.2	7	7	817198	807797	
						1.0	0.1	37	23.1	8.3	8.3	32.6	32.6	110.1	110.1	7.8	7.8	2.2	7					
						4.4	0.3	92	23.0	8.3	8.3	32.6	32.6	108.2	108.0	7.7	7.7	2.9	7					
					Middle	4.4	0.3	92	23.0	8.3	8.3	32.6	32.6	107.8	107.8	7.7	7.7	3.1	7					
						7.7	0.3	70	23.0	8.3	8.3	32.6	32.6	105.1	105.0	7.5	7.5	4.5	7					
						7.7	0.3	74	23.0	8.3	8.3	32.6	32.6	104.9	104.9	7.5	7.5	4.8	7					
SR5A	Cloudy	Moderate	16:52	4.7	Surface	1.0	0.2	87	23.1	23.1	8.2	8.2	32.1	32.1	102.4	102.3	7.3	7.3	1.5	8	7	816570	810702	
						1.0	0.2	93	23.1	8.2	8.2	32.1	32.1	102.2	102.3	7.3	7.3	1.5	8					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.7	0.1	99	23.0	8.2	8.2	32.1	32.1	99.3	99.2	7.1	7.1	2.6	6					
						3.7	0.1	102	23.0	8.2	8.2	32.1	32.1	99.1	99.1	7.1	7.1	2.6	6					
SR6A	Cloudy	Moderate	16:23	4.5	Surface	1.0	0.1	146	22.9	22.9	8.1	8.1	31.7	31.7	96.1	96.2	6.9	6.9	11.1	7	8	817951	814751	
						1.0	0.1	157	22.9	8.1	8.1	31.7	31.7	96.2	96.2	6.9	6.9	11.5	7					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.5	0.1	85	22.8	8.1	8.1	31.7	31.7	96.4	96.5	6.9	6.9	7.5	8					
						3.5	0.1	87	22.8	8.1	8.1	31.7	31.7	96.5	96.5	6.9	6.9	7.2	8					
SR7	Fine	Rough	16:27	16.9	Surface	1.0	0.1	274	24.4	24.4	8.2	8.2	32.8	32.8	89.3	89.3	6.2	6.2	1.9	4	5	823626	823728	
						1.0	0.1	292	24.4	8.2	8.2	32.8	32.8	89.3	89.3	6.2	6.2	2.0	4					
						8.5	0.1	48	24.4	8.0	8.0	32.8	32.8	89.1	89.2	6.2	6.2	2.3	6					
					Middle	8.5	0.1	48	24.4	8.0	8.0	32.8	32.8	89.1	89.2	6.2	6.2	2.3	6					
						15.9	0.1	89	24.4	7.8	7.8	32.8	32.8	89.3	89.3	6.2	6.2	2.9	6					
						15.9	0.1	89	24.3	7.8	7.8	32.8	32.8	89.3	89.3	6.2	6.2	2.9	6					
SR8	Fine	Moderate	18:03	5.5	Surface	1.0	-	-	23.8	23.8	8.0	8.0	32.3	32.3	101.3	101.3	7.1	7.1	3.3	7	6	820380	811626	
						1.0	-	-	23.8	8.0	8.0	32.3	32.3	101.3	101.3	7.1	7.1	3.3	7					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						4.5	-	-	23.8	8.0	8.0	32.3	32.3	101.1	101.1	7.1	7.1	4.5	5					
						4.5	-	-	23.8	8.0	8.0	32.3	32.3	101.1	101.1	7.1	7.1	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 20 November 21 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	12:50	8.6	Surface	1.0	0.2	218	23.6	23.6	8.3	8.3	31.5	31.6	116.1	116.0	8.2	7.8	4.0	8.7	9	10	815626	804267								
						1.0	0.2	225	23.5		8.3	8.3	31.6	31.6	115.8	116.0	8.2		4.3													
						4.3	0.2	228	23.2		8.3	8.3	32.3	32.3	102.3	102.3	7.3		9.6													
					Middle	4.3	0.2	233	23.2	23.2	8.3	8.3	32.3	32.3	102.2	102.3	7.3	7.3	9.9	10	9											
						7.6	0.2	218	23.2		8.3	8.3	32.5	32.5	102.2	102.3	7.2		12.2													
						7.6	0.2	218	23.2		8.3	8.3	32.5	32.5	102.4	102.3	7.3		12.2													
					C2	Fine	Moderate	11:45	12.4	Surface	1.0	0.3	219	23.8	23.8	8.1	8.1	31.5	31.5	108.0	108.0				7.6	7.6	2.0	3.4	9	9	825659	806942
											1.0	0.3	237	23.8		8.1	8.1	31.5	31.5	108.0	108.0				7.6		2.0					
											6.2	0.3	191	23.8		8.1	8.1	31.5	31.5	108.0	108.0				7.6		3.1					
Middle	6.2	0.3	204	23.8						23.8	8.1	8.1	31.5	31.5	108.0	108.0	7.6	7.6	3.2	8	8											
	11.4	0.2	192	23.8							8.1	8.1	31.5	31.5	108.0	108.0	7.6		4.9													
	11.4	0.2	206	23.8							8.1	8.1	31.5	31.5	108.0	108.0	7.6		5.0													
C3	Fine	Moderate	13:22	12.0						Surface	1.0	0.4	64	23.9	23.9	8.2	8.2	32.7	32.7	117.9	118.0	8.2	8.3	4.1	5.2	7	8	822105	817815			
											1.0	0.4	67	23.9		8.2	8.2	32.7	32.7	118.0	118.2	8.3		4.0								
											6.0	0.4	79	23.9		8.2	8.2	32.7	32.7	118.1	118.2	8.3		5.4								
					Middle	6.0	0.4	84	23.9	23.9	8.2	8.2	32.7	32.7	118.2	118.2	8.3	8.3	5.3	8	8											
						11.0	0.3	72	23.9		8.2	8.2	32.6	32.6	118.4	118.4	8.3		6.3													
						11.0	0.3	76	23.9		8.2	8.2	32.6	32.6	118.4	118.4	8.3		6.3													
					IM1	Cloudy	Moderate	12:32	5.2	Surface	1.0	0.1	194	23.3	23.3	8.3	8.3	31.9	31.9	115.6	115.3	8.2	8.2	5.3	6	7				6	817928	807114
											1.0	0.1	212	23.3		8.3	8.3	31.9	31.9	115.0	115.3	8.2		5.4								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	6								
	4.2	0.1	165	23.3							8.3	8.3	31.8	31.8	110.0	109.9	7.8	6.2														
	4.2	0.1	169	23.3							8.3	8.3	31.8	31.8	109.7	109.9	7.8	6.4														
IM2	Cloudy	Moderate	12:24	7.1						Surface	1.0	0.1	82	23.3	23.3	8.3	8.3	31.5	31.5	114.9	114.8	8.2	7.9	4.3	6.3	5	6	818148	806157			
											1.0	0.1	83	23.3		8.3	8.3	31.6	31.5	114.7	114.8	8.2		4.4								
											3.6	0.0	99	23.2		8.3	8.3	31.7	31.7	107.5	107.4	7.7		6.0								
					Middle	3.6	0.0	99	23.2	23.2	8.3	8.3	31.7	31.7	107.3	107.4	7.6	7.6	6.2	6	6											
						6.1	0.1	172	23.2		8.3	8.3	31.8	31.7	106.7	106.7	7.6		8.4													
						6.1	0.1	183	23.2		8.3	8.3	31.7	31.7	106.7	106.7	7.6		8.6													
					IM3	Cloudy	Moderate	12:16	7.3	Surface	1.0	0.1	89	23.3	23.3	8.3	8.3	31.5	31.5	112.0	111.9	8.0	7.9	5.4	8.7	8				13	818803	805596
											1.0	0.1	93	23.3		8.3	8.3	31.5	31.5	111.8	111.9	8.0		5.4								
											3.7	0.1	114	23.2		8.3	8.3	31.6	31.6	108.0	108.0	7.7		9.2								
Middle	3.7	0.1	121	23.2						23.2	8.3	8.3	31.6	31.6	107.9	108.0	7.7	7.7	10.3	15	15											
	6.3	0.1	111	23.2							8.3	8.3	31.6	31.6	107.4	107.4	7.7		10.8													
	6.3	0.2	121	23.2							8.3	8.3	31.6	31.6	107.4	107.4	7.7		11.0													
IM4	Cloudy	Moderate	12:07	8.0						Surface	1.0	0.1	228	23.3	23.3	8.3	8.3	31.5	31.5	111.6	111.5	7.9	7.8	4.4	4.7	10	11	819701	804596			
											1.0	0.1	232	23.3		8.3	8.3	31.5	31.5	111.3	111.5	7.9		4.5								
											4.0	0.2	229	23.2		8.3	8.3	31.6	31.6	108.5	108.3	7.7		4.7								
					Middle	4.0	0.2	231	23.2	23.2	8.3	8.3	31.6	31.6	108.1	108.3	7.7	7.6	4.8	12	12											
						7.0	0.3	206	23.2		8.3	8.3	31.6	31.6	106.9	106.9	7.6		5.0													
						7.0	0.3	220	23.2		8.3	8.3	31.6	31.6	106.8	106.9	7.6		5.0													
					IM5	Cloudy	Moderate	12:00	8.6	Surface	1.0	0.2	302	23.2	23.2	8.3	8.3	31.7	31.7	111.6	111.6	7.9	7.9	5.4	5.7	9				10	820744	804866
											1.0	0.2	311	23.2		8.3	8.3	31.7	31.7	111.5	111.6	7.9		5.4								
											4.3	0.2	318	23.3		8.3	8.3	31.7	31.7	109.3	109.2	7.8		6.1								
Middle	4.3	0.2	325	23.3						23.3	8.3	8.3	31.7	31.7	109.1	109.2	7.8	7.8	5.9	10	10											
	7.6	0.1	303	23.3							8.3	8.3	31.7	31.7	107.4	107.3	7.6		5.7													
	7.6	0.2	305	23.3							8.3	8.3	31.7	31.7	107.2	107.3	7.6		5.7													
IM6	Cloudy	Moderate	11:53	7.6						Surface	1.0	0.3	246	23.3	23.3	8.3	8.3	31.2	31.2	107.1	107.1	7.6	7.6	2.1	2.2	10	7	821078	805816			
											1.0	0.3	257	23.3		8.3	8.3	31.2	31.2	107.1	107.1	7.6		2.1								
											3.8	0.3	268	23.2		8.3	8.3	31.3	31.3	106.4	106.4	7.6		2.0								
					Middle	3.8	0.3	285	23.2	23.2	8.3	8.3	31.3	31.3	106.3	106.4	7.6	7.5	2.0	7	7											
						6.6	0.3	246	23.2		8.3	8.3	31.7	31.6	105.4	105.5	7.5		2.5													
						6.6	0.3	257	23.2		8.3	8.3	31.6	31.6	105.5	105.5	7.5		2.5													
					IM7	Cloudy	Moderate	11:43	8.2	Surface	1.0	0.3	237	23.3	23.3	8.3	8.3	31.2	31.2	106.4	106.4	7.6	7.6	2.1	1.9	10				12	821365	806829
											1.0	0.3	244	23.3		8.3	8.3	31.2	31.2	106.3	106.4	7.6		2.1								
											4.1	0.2	223	23.2		8.3	8.3	31.7	31.7	105.1	105.1	7.5		1.9								
Middle	4.1	0.2	241	23.1						23.2	8.3	8.3	31.7	31.7	105.1	105.1	7.5	7.5	1.8	12	12											
	7.2	0.1	221	23.2							8.3	8.3	31.6	31.6	105.3	105.4	7.5		1.8													
	7.2	0.1	239	23.2							8.3	8.3	31.6	31.6	105.4	105.4	7.5		1.8													
IM8	Fine	Moderate	12:10	7.0						Surface	1.0	0.1	106	23.9	23.9	8.2	8.2	31.9	31.9	113.7	113.7	8.0	8.0	3.5	4.4	4	3	821836	808118			
											1.0	0.1	116	23.9		8.2	8.2	31.9	31.9	113.6	113.7	8.0		3.6								
											3.5	0.1	59	23.9		8.2	8.2	31.9	31.9	113.4	113.4	8.0		4.1								
					Middle	3.5	0.1	63	23.9	23.9	8.2	8.2	31.9	31.9	113.3	113.4	8.0	7.9	4.2	3	3											
						6.0	0.0	334	23.9		8.2	8.2	31.9	31.9	112.5	112.4	7.9		5.6													
						6.0	0.0	357	23.9		8.2	8.2	32.0	32.0	112.3	112.3	7.9		5.7													

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 20 November 21 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									
IM9	Fine	Moderate	12:14	6.6	Surface	1.0	0.2	143	23.8	23.8	8.2	8.2	32.2	32.2	112.5	112.5	7.9	7.9	6.1	4	5	822106	808831								
						1.0	0.3	144	23.8	8.2	8.2	32.2	32.2	112.5	112.5	7.9	7.9	6.0	5												
						3.3	0.3	95	23.8	8.2	8.2	32.4	32.4	111.9	111.9	7.9	7.9	7.4	5												
					Middle	3.3	0.3	100	23.8	23.8	8.2	8.2	32.4	32.4	111.8	111.8	7.9	7.9	7.4	5											
						5.6	0.2	90	23.8	23.8	8.2	8.2	32.5	32.5	111.4	111.4	7.8	7.8	8.1	6											
						5.6	0.2	97	23.8	23.8	8.2	8.2	32.5	32.5	111.2	111.3	7.8	7.8	8.1	7											
					IM10	Fine	Moderate	12:19	7.6	Surface	1.0	0.4	101	23.9	23.9	8.2	8.2	32.2	32.2	109.8				109.8	7.7	7.7	3.1	5	6	822394	809816
											1.0	0.5	107	23.9	23.9	8.2	8.2	32.3	32.3	109.7				109.7	7.7	7.7	3.0	5			
											3.8	0.4	107	23.8	23.8	8.2	8.2	32.5	32.5	108.5				108.5	7.6	7.6	4.5	6			
Middle	3.8	0.4	110	23.8						23.8	8.2	8.2	32.5	32.5	108.5	108.5	7.6	7.6	4.5	6											
	6.6	0.3	88	23.8						23.8	8.2	8.2	32.6	32.6	108.7	108.8	7.6	7.6	5.1	7											
	6.6	0.3	92	23.8						23.8	8.2	8.2	32.6	32.6	108.9	108.8	7.6	7.6	5.0	7											
IM11	Fine	Moderate	12:28	7.0						Surface	1.0	0.5	109	23.9	23.9	8.2	8.2	32.7	32.7	114.3	114.3	8.0	8.0	2.2	7	8	822045	811468			
											1.0	0.6	113	23.9	23.9	8.2	8.2	32.7	32.7	114.2	114.2	8.0	8.0	2.2	7						
											3.5	0.4	117	23.9	23.9	8.2	8.2	32.7	32.7	114.0	114.0	8.0	8.0	3.7	8						
					Middle	3.5	0.4	119	23.9	23.9	8.2	8.2	32.7	32.7	113.9	113.9	8.0	8.0	3.6	9											
						6.0	0.3	100	23.9	23.9	8.2	8.2	32.7	32.7	113.7	113.7	8.0	8.0	4.7	9											
						6.0	0.3	101	23.9	23.9	8.2	8.2	32.6	32.6	113.6	113.7	7.9	7.9	4.7	9											
					IM12	Fine	Moderate	12:32	8.8	Surface	1.0	0.4	96	24.0	24.0	8.2	8.2	32.7	32.7	117.0	117.0	8.2	8.2	2.2	10				8	821447	812029
											1.0	0.4	104	24.0	24.0	8.2	8.2	32.7	32.7	116.9	117.0	8.2	8.2	2.2	9						
											4.4	0.3	89	24.0	24.0	8.2	8.2	32.7	32.7	115.5	115.4	8.1	8.1	3.5	8						
Middle	4.4	0.3	92	24.0						24.0	8.2	8.2	32.7	32.7	115.3	115.3	8.1	8.1	3.5	8											
	7.8	0.2	85	24.0						24.0	8.2	8.2	32.7	32.7	114.5	114.4	8.0	8.0	4.3	7											
	7.8	0.2	85	24.0						24.0	8.2	8.2	32.7	32.7	114.2	114.2	8.0	8.0	4.2	7											
SR1A	Fine	Moderate	12:54	4.8						Surface	1.0	-	-	23.6	23.6	8.2	8.2	33.1	33.1	115.5	115.3	8.1	8.1	4.1	7	8	819973	812665			
											1.0	-	-	23.5	23.5	8.2	8.2	33.1	33.1	115.0	115.0	8.1	8.1	4.1	7						
											2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						3.8	-	-	23.3	23.3	8.2	8.2	33.2	33.2	113.5	113.4	8.0	8.0	5.6	9											
						3.8	-	-	23.3	23.3	8.2	8.2	33.3	33.3	113.2	113.2	8.0	8.0	5.6	9											
					SR2	Fine	Moderate	13:03	4.0	Surface	1.0	0.4	92	24.0	24.0	8.2	8.2	32.7	32.7	118.4	118.4	8.3	8.3	4.4	8				7	821462	814157
											1.0	0.4	98	24.0	24.0	8.2	8.2	32.7	32.7	118.3	118.3	8.3	8.3	4.3	7						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	3.0	0.3	94	24.0						24.0	8.2	8.2	32.7	32.7	117.9	117.8	8.2	8.2	5.5	7											
	3.0	0.3	94	24.0						24.0	8.2	8.2	32.7	32.7	117.7	117.7	8.2	8.2	5.4	6											
SR3	Fine	Moderate	12:07	10.4						Surface	1.0	0.2	247	23.9	23.9	8.3	8.3	31.9	31.9	113.6	113.6	8.0	8.0	2.1	5	4	822126	807581			
											1.0	0.2	257	23.9	23.9	8.3	8.3	31.9	31.9	113.6	113.6	8.0	8.0	2.2	4						
											5.2	0.1	211	23.9	23.9	8.3	8.3	31.9	31.9	113.5	113.5	8.0	8.0	3.5	4						
					Middle	5.2	0.1	228	23.9	23.9	8.3	8.3	31.9	31.9	113.5	113.5	8.0	8.0	3.5	3											
						9.4	0.1	83	23.9	23.9	8.3	8.3	31.9	31.9	113.5	113.6	8.0	8.0	4.7	3											
						9.4	0.1	88	23.9	23.9	8.3	8.3	31.8	31.8	113.6	113.6	8.0	8.0	4.7	3											
					SR4A	Cloudy	Moderate	13:12	8.6	Surface	1.0	0.2	74	23.4	23.4	8.3	8.3	31.7	31.7	115.0	115.0	8.2	8.2	4.7	6				7	817172	807798
											1.0	0.2	77	23.4	23.4	8.3	8.3	31.7	31.7	115.0	115.0	8.2	8.2	4.7	6						
											4.3	0.3	71	23.3	23.3	8.3	8.3	31.8	31.8	113.6	113.5	8.1	8.1	5.1	7						
Middle	4.3	0.3	75	23.3						23.3	8.3	8.3	31.8	31.8	113.3	113.3	8.1	8.1	5.1	7											
	7.6	0.2	71	23.2						23.2	8.3	8.3	31.8	31.8	108.8	108.8	7.7	7.7	5.4	9											
	7.6	0.2	71	23.2						23.2	8.3	8.3	31.8	31.8	108.8	108.8	7.7	7.7	5.4	9											
SR5A	Cloudy	Moderate	13:29	3.9						Surface	1.0	0.1	283	23.6	23.6	8.3	8.3	31.9	31.9	113.2	113.1	8.0	8.0	5.2	8	8	816614	810678			
											1.0	0.1	310	23.6	23.6	8.3	8.3	31.9	31.9	113.0	113.0	8.0	8.0	5.0	8						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						2.9	0.0	269	23.6	23.6	8.3	8.3	31.9	31.9	110.9	110.8	7.8	7.8	5.1	7											
						2.9	0.0	295	23.6	23.6	8.3	8.3	31.9	31.9	110.7	110.7	7.8	7.8	5.1	7											
					SR6A	Cloudy	Moderate	14:10	4.2	Surface	1.0	0.0	235	23.7	23.7	8.3	8.3	31.7	31.7	115.5	115.4	8.2	8.2	5.3	6				8	817954	814722
											1.0	0.0	253	23.7	23.7	8.3	8.3	31.7	31.7	115.2	115.2	8.1	8.1	5.6	6						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	3.2	0.0	245	23.6						23.6	8.3	8.3	31.8	31.8	107.7	107.6	7.6	7.6	8.1	9											
	3.2	0.0	266	23.6						23.6	8.3	8.3	31.8	31.8	107.5	107.5	7.6	7.6	8.0	9											
SR7	Fine	Moderate	13:48	16.0						Surface	1.0	0.6	91	23.9	23.9	8.2	8.2	32.7	32.7	116.6	116.6	8.2	8.2	6.1	7	5	823617	823749			
											1.0	0.6	93	23.9	23.9	8.2	8.2	32.7	32.7	116.6	116.6	8.2	8.2	6.2	7						
											8.0	0.4	65	23.9	23.9	8.2	8.2	32.7	32.7	116.8	116.9	8.2	8.2	7.1	5						
					Middle	8.0	0.4	70	23.9	23.9	8.2	8.2	32.7	32.7	116.9	116.9	8.2	8.2	7.2	5											
						15.0	0.3	44	23.9	23.9	8.2	8.2	32.7	32.6	117.2	117.3	8.2	8.2	8.1	4											
						15.0	0.4	47	23.9	23.9	8.2	8.2	32.6	32.6	117.3	117.3	8.2	8.2	8.0	4											
					SR8	Fine	Moderate	12:38	4.6	Surface	1.0	-	-	24.3	24.3	8.2	8.2	32.5	32.5	117.3	117.2	8.2	8.2	8.1	7				7	820384	811619
											1.0	-	-	24.3	24.3	8.2	8.2	32.5	32.5	117.0	117.0	8.1	8.1	8.1	7						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	3.6	-	-	24.0						24.1	8.2	8.2	32.6	32.6	114.3	114.1	8.0	8.0	9.1	6											
	3.6	-	-	24.1						24.1	8.2	8.2	32.5	32.5	113.8	113.8	7.9	7.9	9.1	6											

DA: Depth-Averaged
Calm: Small or no wave; Moderate: Between calm and rough; Rough: While 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 November 21 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	08:32	8.2	Surface	1.0	0.6	53	23.1	23.1	8.3	8.3	31.5	31.5	107.6	107.6	7.7	7.7	8.9	9.8	6	5	815630	804269
						1.0	0.6	57	23.1		8.3	8.3	31.5	31.5	107.5	107.5	7.7		8.9					
						4.1	0.6	51	23.1		8.3	8.3	31.7	31.7	107.3	107.3	7.7		9.8					
					Middle	4.1	0.6	55	23.1	23.1	8.3	8.3	31.7	31.7	107.3	107.3	7.7	7.7	9.6					
						7.2	0.5	56	23.1		8.3	8.3	31.7	31.7	107.2	107.2	7.6		10.6					
						7.2	0.5	58	23.1		8.3	8.3	31.7	31.7	107.2	107.2	7.7		11.0					
C2	Fine	Moderate	09:21	12.2	Surface	1.0	0.1	196	23.8	23.8	8.1	8.1	31.5	31.5	108.0	108.0	7.6	7.6	3.6	4.5	3	4	825686	806937
						1.0	0.1	200	23.8		8.1	8.1	31.6	31.6	108.0	108.0	7.6		3.5					
						6.1	0.1	169	23.8		8.1	8.1	31.6	31.6	108.1	108.1	7.6		4.1					
					Middle	6.1	0.2	173	23.8	23.8	8.1	8.1	31.6	31.6	108.0	108.0	7.6	7.6	4.2					
						11.2	0.1	130	23.8		8.1	8.1	31.6	31.6	108.1	108.1	7.6		5.9					
						11.2	0.1	139	23.8		8.1	8.1	31.6	31.6	108.2	108.2	7.6		6.0					
C3	Fine	Moderate	07:45	11.0	Surface	1.0	0.1	200	24.0	24.0	8.1	8.1	32.9	32.9	106.7	106.7	7.4	7.4	5.1	6.4	3	4	822111	817794
						1.0	0.1	209	24.0		8.1	8.1	32.9	32.9	106.7	106.7	7.4		5.0					
						5.5	0.1	246	24.0		8.1	8.1	32.9	32.9	106.6	106.6	7.4		6.1					
					Middle	5.5	0.1	254	24.0	24.0	8.1	8.1	32.9	32.9	106.7	106.7	7.4	7.4	6.1					
						10.0	0.1	270	24.0		8.1	8.1	32.9	32.9	107.1	107.1	7.5		7.9					
						10.0	0.1	293	24.0		8.1	8.1	32.9	32.9	107.1	107.1	7.5		7.9					
IM1	Cloudy	Moderate	08:51	5.2	Surface	1.0	0.1	348	23.1	23.1	8.3	8.3	31.9	31.9	109.0	109.0	7.8	7.8	3.5	3.6	4	4	817943	807121
						1.0	0.1	320	23.1		8.3	8.3	31.9	31.9	109.0	109.0	7.8		3.5					
						-	-	-	-		-	-	-	-	-	-	-		-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						-	-	-	-		-	-	-	-	-	-	-							
						-	-	-	-		-	-	-	-	-	-	-							
Bottom	4.2	0.1	5	23.0	23.0	8.3	8.3	31.9	31.9	107.1	107.0	7.6	7.6	3.8										
	4.2	0.1	5	23.0		8.3	8.3	32.0	32.0	106.8	106.8	7.6		3.7										
	-	-	-	-		-	-	-	-	-	-	-												
IM2	Cloudy	Moderate	08:58	6.8	Surface	1.0	0.3	5	23.1	23.1	8.3	8.3	31.8	31.8	106.3	106.3	7.6	7.6	8.6	9.3	3	7	818164	806163
						1.0	0.3	5	23.1		8.3	8.3	31.8	31.8	106.2	106.2	7.6		8.7					
						3.4	0.3	9	23.1		8.3	8.3	31.8	31.8	105.7	105.7	7.5		9.6					
					Middle	3.4	0.3	9	23.1	23.1	8.3	8.3	31.8	31.8	105.7	105.7	7.5	7.5	9.9					
						5.8	0.3	14	23.1		8.3	8.3	31.8	31.8	105.4	105.4	7.5		10.0					
						5.8	0.3	14	23.1		8.3	8.3	31.8	31.8	105.3	105.3	7.5		9.1					
IM3	Cloudy	Moderate	09:04	7.1	Surface	1.0	0.4	357	23.1	23.1	8.3	8.3	31.7	31.7	107.5	107.4	7.7	7.7	8.8	8.6	7	7	818781	805604
						1.0	0.4	328	23.1		8.3	8.3	31.7	31.7	107.3	107.3	7.7		8.8					
						3.6	0.4	355	23.1		8.3	8.3	31.7	31.7	106.7	106.7	7.6		9.4					
					Middle	3.6	0.4	327	23.1	23.1	8.3	8.3	31.7	31.7	106.6	106.6	7.6	7.6	9.4					
						6.1	0.3	354	22.9		8.3	8.3	31.8	31.8	106.5	106.5	7.6		7.3					
						6.1	0.3	356	22.9		8.3	8.3	31.8	31.8	106.4	106.4	7.6		7.8					
IM4	Cloudy	Moderate	09:13	8.1	Surface	1.0	0.6	343	23.1	23.1	8.3	8.3	31.3	31.3	109.0	109.0	7.8	7.8	7.5	9.6	9	8	819714	804625
						1.0	0.6	352	23.1		8.3	8.3	31.4	31.4	108.9	108.9	7.8		7.7					
						4.1	0.6	345	23.1		8.3	8.3	31.4	31.4	108.1	108.1	7.7		9.2					
					Middle	4.1	0.6	345	23.1	23.1	8.3	8.3	31.4	31.4	108.1	108.1	7.7	7.7	9.6					
						7.1	0.4	340	23.0		8.3	8.3	31.4	31.4	107.5	107.5	7.7		11.7					
						7.1	0.5	313	23.0		8.3	8.3	31.4	31.4	107.4	107.4	7.7		12.0					
IM5	Cloudy	Moderate	09:20	7.9	Surface	1.0	0.7	6	23.1	23.1	8.3	8.3	31.7	31.7	107.2	107.2	7.7	7.7	9.1	10.1	7	7	820742	804888
						1.0	0.8	6	23.1		8.3	8.3	31.7	31.7	107.1	107.1	7.7		9.3					
						4.0	0.8	15	23.1		8.3	8.3	31.7	31.6	106.6	106.6	7.6		10.1					
					Middle	4.0	0.8	15	23.1	23.1	8.3	8.3	31.6	31.6	106.5	106.5	7.6	7.6	10.3					
						6.9	0.6	16	23.0		8.3	8.3	31.7	31.7	105.6	105.6	7.6		10.8					
						6.9	0.7	16	23.0		8.3	8.3	31.7	31.7	105.5	105.5	7.5		11.0					
IM6	Cloudy	Moderate	09:29	7.5	Surface	1.0	0.0	6	23.2	23.2	8.2	8.2	30.9	30.9	103.1	103.1	7.4	7.4	2.3	4.4	5	8	821072	805827
						1.0	0.0	6	23.2		8.2	8.2	30.9	30.9	103.1	103.1	7.4		2.3					
						3.8	0.1	71	23.2		8.2	8.2	31.1	31.1	104.0	104.1	7.4		2.8					
					Middle	3.8	0.1	72	23.2	23.2	8.2	8.2	31.1	31.1	104.1	104.1	7.4	7.4	3.1					
						6.5	0.2	81	23.1		8.3	8.3	31.7	31.7	104.7	104.7	7.5		7.9					
						6.5	0.2	85	23.0		8.3	8.3	31.7	31.7	104.7	104.7	7.5		8.1					
IM7	Cloudy	Moderate	09:36	8.5	Surface	1.0	0.3	231	23.2	23.2	8.2	8.2	31.0	31.0	103.7	103.8	7.4	7.4	4.0	6.5	5	7	821346	806820
						1.0	0.3	244	23.2		8.2	8.2	31.0	31.0	103.9	103.9	7.4		4.2					
						4.3	0.1	201	23.2		8.3	8.3	31.3	31.3	104.8	104.9	7.5		5.9					
					Middle	4.3	0.1	201	23.2	23.2	8.3	8.3	31.3	31.3	104.8	104.9	7.5	7.5	6.4					
						7.5	0.1	212	23.1		8.3	8.3	31.7	31.7	104.3	104.3	7.4		9.2					
						7.5	0.1	230	23.1		8.3	8.3	31.8	31.7	104.3	104.3	7.4		9.6					
IM8	Fine	Moderate	09:00	8.0	Surface	1.0	0.2	241	23.9	23.9	8.1	8.1	31.3	31.3	107.1	107.1	7.6	7.6	2.2	3.4	7	8	821835	808118
						1.0	0.2	253	23.9		8.1	8.1	31.3	31.3	107.1	107.1	7.6		2.1					
						4.0	0.1	263	23.8		8.1	8.1	31.3	31.3	107.1	107.1	7.6		3.6					
					Middle	4.0	0.2	277	23.8	23.8	8.1	8.1	31.3	31.3	107.1	107.1	7.6	7.6	3.6					
						7.0	0.0	94	23.8		8.1	8.1	31.3	31.3	107.2	107.2	7.6		4.6					
						7.0	0.0	101	23.9		8.1	8.1	31.3	31.3	107.3	107.3	7.6		4.6					

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 November 21 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										
IM9	Fine	Moderate	08:56	7.6	Surface	1.0	0.1	81	23.7	23.7	8.1	8.1	31.9	31.9	109.5	109.6	7.7	7.8	3.9	4.4	4	7	822095	808806								
						1.0	0.1	85	23.7		8.1	8.1	32.0	32.0	109.6	109.6	7.7		4.0													
						3.8	0.1	69	23.5		8.1	8.1	32.2	32.3	109.8	109.8	7.8		4.2													
					Middle	3.8	0.1	73	23.4	23.5	8.1	8.1	32.3	32.3	109.7	109.8	7.8	7.8	4.2	7.8	8											
						6.6	0.1	315	23.2		8.1	8.1	32.4	32.4	109.1	109.0	7.8		5.1													
						6.6	0.1	344	23.1		8.1	8.1	32.3	32.4	108.9	109.0	7.8		5.0													
					IM10	Fine	Moderate	08:51	9.0	Surface	1.0	0.2	78	23.7	23.7	8.2	8.1	32.8	32.9	113.0	113.0				7.9	8.0	5.6	6.3	7	7	822365	809775
											1.0	0.2	78	23.6		8.1	8.1	32.9	33.0	113.0	112.8				8.0		5.5					
											4.5	0.1	113	23.4		8.1	8.1	33.0	33.1	112.8	112.8				8.0		6.2					
Middle	4.5	0.1	114	23.3						23.4	8.1	8.1	33.1	33.1	112.7	112.8	8.0	8.0	6.2	7.8	7											
	8.0	0.1	245	23.1							8.1	8.1	33.3	33.4	112.5	112.4	8.0		7.1													
	8.0	0.1	256	23.0							8.1	8.1	33.5	33.4	112.3	112.4	8.0		7.1													
IM11	Fine	Moderate	08:43	8.2						Surface	1.0	0.1	244	23.8	23.8	8.2	8.2	32.6	32.6	112.0	112.0	7.9	7.9	6.0	7.2	4	6	822070	811470			
											1.0	0.1	256	23.8		8.2	8.2	32.6	32.6	112.0	112.0	7.9		6.0								
											4.1	0.1	284	23.8		8.1	8.1	32.6	32.6	111.4	111.4	7.8		7.5								
					Middle	4.1	0.1	288	23.8	23.8	8.1	8.1	32.6	32.6	111.3	111.4	7.8	7.8	7.6	7.8	6											
						7.2	0.1	272	23.8		8.1	8.1	32.7	32.7	110.8	110.8	7.8		8.0													
						7.2	0.1	289	23.8		8.1	8.1	32.7	32.7	110.8	110.8	7.8		8.0													
					IM12	Fine	Moderate	08:39	9.4	Surface	1.0	0.1	312	23.8	23.8	8.2	8.2	32.6	32.6	112.1	112.1	7.9	7.9	7.2	8.1	5				6	821454	812062
											1.0	0.1	331	23.8		8.2	8.2	32.6	32.6	112.0	112.0	7.9		7.2								
											4.7	0.1	300	23.8		8.2	8.2	32.6	32.6	111.7	111.7	7.8		8.1								
Middle	4.7	0.1	329	23.8						23.8	8.2	8.2	32.6	32.6	111.6	111.7	7.8	7.8	8.2	7.8	6											
	8.4	0.1	148	23.8							8.2	8.2	32.6	32.6	111.3	111.3	7.8		9.1													
	8.4	0.1	158	23.8							8.2	8.2	32.6	32.6	111.3	111.3	7.8		9.0													
SR1A	Fine	Moderate	08:15	5.0						Surface	1.0	-	-	23.8	23.8	8.1	8.1	32.8	32.8	108.6	108.6	7.6	7.6	3.7	4.2	6	5	819971	812655			
											1.0	-	-	23.8		8.1	8.1	32.8	32.8	108.6	108.6	7.6		3.8								
											2.5	-	-	-		-	-	-	-	-	-	-		-		-						
					Middle	2.5	-	-	-	23.8	-	-	-	-	-	-	-	-	-	-	-	-	4.6									
						4.0	-	-	23.8		8.1	8.1	32.7	32.7	108.5	108.5	7.6	4.7														
						4.0	-	-	23.8		8.1	8.1	32.7	32.7	108.5	108.5	7.6	4.7														
					SR2	Fine	Moderate	08:03	4.2	Surface	1.0	0.2	311	23.8	23.8	8.2	8.2	32.6	32.6	111.2	111.2	7.8	7.8	6.5	6.6	4				5	821442	814185
											1.0	0.2	332	23.8		8.2	8.2	32.6	32.6	111.1	111.1	7.8		6.5								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						23.8	-	-	-	-	-	-	-	-	-	-	-	-	6.7									
	-	-	-	-							8.2	8.2	32.6	32.6	110.7	110.6	7.8	6.7														
	3.2	0.1	307	23.8							8.2	8.2	32.6	32.6	110.7	110.6	7.8	6.7														
SR3	Fine	Moderate	09:04	8.2						Surface	1.0	0.1	247	23.9	23.9	8.1	8.1	31.3	31.3	106.6	106.7	7.5	7.5	4.2	5.3	4	6	822124	807561			
											1.0	0.1	249	23.9		8.1	8.1	31.3	31.3	106.7	106.9	7.5		4.1								
											4.1	0.1	215	23.9		8.1	8.1	31.3	31.3	106.9	106.9	7.5		5.3								
					Middle	4.1	0.1	230	23.9	23.9	8.1	8.1	31.3	31.3	106.9	106.9	7.5	7.5	5.3	7.6	7											
						7.2	0.2	5	23.9		8.1	8.1	31.3	31.4	107.1	107.1	7.6		6.3													
						7.2	0.2	5	23.9		8.1	8.1	31.5	31.4	107.1	107.1	7.6		6.3													
					SR4A	Cloudy	Moderate	08:08	9.3	Surface	1.0	0.0	69	23.1	23.1	8.2	8.2	32.0	32.0	105.2	105.2	7.5	7.5	3.9	3.8	8				9	817197	807794
											1.0	0.0	71	23.1		8.2	8.2	32.0	32.0	105.2	105.2	7.5		3.9								
											4.7	0.1	62	23.1		8.2	8.2	32.0	32.0	105.0	105.0	7.5		3.8								
Middle	4.7	0.1	66	23.1						23.1	8.2	8.2	32.0	32.0	105.0	105.0	7.5	7.5	3.9	7.5	10											
	8.3	0.1	26	23.1							8.2	8.2	32.0	32.0	105.1	105.1	7.5		3.7													
	8.3	0.1	28	23.1							8.2	8.2	32.0	32.0	105.1	105.1	7.5		3.7													
SR5A	Cloudy	Moderate	07:50	4.1						Surface	1.0	0.1	259	23.2	23.2	8.2	8.2	32.0	32.0	103.7	103.7	7.4	7.4	4.6	5.3	7	6	816573	810699			
											1.0	0.1	260	23.2		8.2	8.2	32.0	32.0	103.7	103.7	7.4		4.9								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
					Middle	-	-	-	-	23.2	-	-	-	-	-	-	-	-	-	-	-	-	6.0									
						-	-	-	-		8.2	8.2	32.0	32.0	103.6	103.6	7.4	6.0														
						3.1	0.1	249	23.2		8.2	8.2	32.0	32.0	103.6	103.6	7.4	6.0														
					SR6A	Cloudy	Moderate	07:20	4.6	Surface	1.0	0.2	316	23.2	23.2	8.2	8.2	32.0	32.0	103.6	103.6	7.4	7.4	5.1	5.4	5				6	817962	814758
											1.0	0.2	347	23.2		8.2	8.2	32.0	32.0	103.5	103.6	7.4		5.2								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						23.2	-	-	-	-	-	-	-	-	-	-	-	-	5.6									
	-	-	-	-							8.2	8.2	32.0	32.0	103.5	103.5	7.4	5.6														
	3.6	0.2	313	23.1							8.2	8.2	32.0	32.0	103.5	103.5	7.4	5.6														
SR7	Fine	Moderate	07:20	16.0						Surface	1.0	0.1	288	24.2	24.2	8.0	8.0	33.1	33.1	99.1	99.1	6.9	6.9	5.1	6.3	3	4	823643	823759			
											1.0	0.1	307	24.2		8.0	8.0	33.1	33.1	99.1	99.9	6.9		5.1								
											8.0	0.1	70	24.1		8.0	8.0	33.1	33.1	99.7	99.9	6.9		6.6								
					Middle	8.0	0.2	72	24.1	24.1	8.0	8.0	33.1	33.1	100.0	100.0	6.9	7.0	6.5	7.0	4											
						15.0	0.1	63	24.1		8.0	8.0	33.1	33.1	100.6	100.7	7.0		7.1													
						15.0	0.1	67	24.1		8.0	8.0	33.1	33.1	100.8	100.8	7.0		7.2													
					SR8	Fine	Moderate	08:32	5.0	Surface	1.0	-	-	23.3	23.3	8.2	8.2	33.0	33.0	112.2	112.2	7.9	7.9	6.3	6.9	8				7	820386	811621
											1.0	-	-	23.2		8.2	8.2	33.0	33.0	112.1	112.1	7.9		6.3								
											-	-	-	-		-	-	-	-	-	-	-		-		-						
Middle	-	-	-	-						23.9	-	-	-	-	-	-	-	-	-	-	-	-	7.5									
	-	-	-	-							8.1	8.1	33.3	33.3	111.4	111.4	7.9	6.6														
	4.0	-	-	22.9							8.1	8.1	33.3	33.3	111.4	111.4	7.9	6.6														
Bottom	4.0	-	-	22.9						22.9	8.1	8.1	33.3	33.3	111.4	111.4	7.9	7.9	7.5	7.5	6											
	4.0	-	-	22.9							8.1	8.1	33.3	33.3	111.4	111.4	7.9		7.5													
	4.0	-	-	22.9							8.1	8.1	33.3	33.3	111.4	111.4	7.9		7.5													

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 23 November 21 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	Misty	Moderate	14:41	8.2	Surface	1.0	0.4	211	22.7	22.7	8.2	8.2	32.7	32.7	98.2	98.2	7.0	7.0	1.1	7.0	7	13	815642	804261
						1.0	0.4	216	22.7	8.2	8.2	32.7	32.7	98.2	98.2	7.0	7.0	1.1	7.0	7				
						4.1	0.3	207	22.7	8.2	8.2	32.7	32.7	98.5	98.6	7.0	7.0	2.4	7.0	16				
					Middle	4.1	0.3	218	22.7	8.2	8.2	32.7	32.7	98.6	98.6	7.1	7.1	2.3	7.1	16				
						7.2	0.2	204	22.7	8.2	8.2	32.7	32.7	99.1	99.2	7.1	7.1	3.0	7.1	16				
						7.2	0.2	205	22.7	8.2	8.2	32.7	32.7	99.3	99.2	7.1	7.1	3.1	7.1	17				
C2	Cloudy	Moderate	13:33	12.0	Surface	1.0	0.3	219	22.8	22.8	8.2	8.2	31.5	31.5	103.3	103.3	7.4	7.4	6.9	7.4	8	8	825660	806941
						1.0	0.3	237	22.8	8.2	8.2	31.6	31.6	103.3	103.3	7.4	7.4	6.9	7.4	7				
						6.0	0.3	191	22.8	8.2	8.2	31.6	31.6	102.9	102.9	7.4	7.4	7.1	7.4	8				
					Middle	6.0	0.3	204	22.8	8.2	8.2	31.6	31.6	102.9	102.9	7.4	7.4	7.2	7.4	9				
						11.0	0.2	192	22.6	8.2	8.2	31.7	31.7	102.5	102.5	7.4	7.4	8.0	7.4	8				
						11.0	0.2	206	22.6	8.2	8.2	31.7	31.7	102.5	102.5	7.4	7.4	8.1	7.4	9				
C3	Cloudy	Moderate	15:25	11.4	Surface	1.0	0.4	64	23.5	23.5	8.1	8.1	33.0	33.0	98.6	98.6	6.9	6.9	4.2	6.9	4	5	822107	817823
						1.0	0.3	67	23.5	8.1	8.1	33.0	33.0	98.6	98.6	6.9	6.9	4.2	6.9	4				
						5.7	0.4	79	23.6	8.1	8.1	33.1	33.1	97.8	97.8	6.9	6.9	4.5	6.9	5				
					Middle	5.7	0.4	84	23.6	8.1	8.1	33.1	33.1	97.8	97.8	6.9	6.9	4.6	6.9	6				
						10.4	0.3	72	23.6	8.1	8.1	33.2	33.2	97.5	97.6	6.8	6.9	6.1	6.9	6				
						10.4	0.3	76	23.6	8.1	8.1	33.2	33.2	97.6	97.6	6.9	6.9	6.2	6.9	7				
IM1	Misty	Moderate	14:21	4.2	Surface	1.0	0.1	181	21.7	21.7	8.3	8.3	30.9	30.9	101.4	101.4	7.5	7.5	2.2	7.5	15	16	817963	807115
						1.0	0.1	189	21.7	8.3	8.3	30.9	30.9	101.4	101.4	7.5	7.5	2.2	7.5	15				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
						3.2	0.1	174	21.7	21.7	8.3	8.3	30.9	30.9	101.4	101.5	7.5	7.5	3.8	7.5	16			
						3.2	0.1	175	21.7	21.7	8.3	8.3	30.9	30.9	101.6	101.5	7.5	7.5	3.9	7.5	17			
IM2	Misty	Moderate	14:12	7.0	Surface	1.0	0.1	180	22.2	22.2	8.2	8.2	31.6	31.6	98.2	98.3	7.1	7.1	1.0	7.1	14	12	818139	806173
						1.0	0.1	187	22.2	8.2	8.2	31.6	31.6	98.3	98.3	7.1	7.1	1.1	7.1	14				
						3.5	0.2	152	22.3	8.2	8.2	31.7	31.7	98.8	98.9	7.2	7.2	1.9	7.2	12				
					Middle	3.5	0.2	166	22.3	8.2	8.2	31.7	31.7	98.9	98.9	7.2	7.2	1.8	7.2	13				
						6.0	0.1	146	22.2	8.2	8.2	31.6	31.6	99.1	99.2	7.2	7.2	2.1	7.2	9				
						6.0	0.1	152	22.2	8.2	8.2	31.4	31.4	99.3	99.2	7.2	7.2	2.1	7.2	8				
IM3	Misty	Moderate	14:05	7.0	Surface	1.0	0.2	184	22.1	22.1	8.2	8.2	31.4	31.4	97.9	98.0	7.1	7.1	2.8	7.1	7	8	818787	805586
						1.0	0.2	186	22.1	8.2	8.2	31.4	31.4	98.0	98.0	7.1	7.1	2.7	7.1	8				
						3.5	0.1	175	22.2	8.2	8.2	31.5	31.5	98.3	98.4	7.1	7.1	3.2	7.1	8				
					Middle	3.5	0.1	190	22.2	8.2	8.2	31.5	31.5	98.4	98.4	7.1	7.1	3.2	7.1	7				
						6.0	0.2	176	22.2	8.2	8.2	31.4	31.4	98.8	98.9	7.2	7.2	4.6	7.2	8				
						6.0	0.2	180	22.1	8.2	8.2	31.3	31.3	98.9	98.9	7.2	7.2	4.6	7.2	8				
IM4	Misty	Moderate	13:55	8.6	Surface	1.0	0.2	180	22.2	22.2	8.3	8.3	31.9	31.9	99.0	99.1	7.2	7.2	1.2	7.2	8	8	819736	804583
						1.0	0.2	196	22.2	8.3	8.3	31.9	31.9	99.1	99.1	7.2	7.2	1.2	7.2	7				
						4.3	0.2	155	22.2	8.3	8.3	31.9	31.9	99.5	99.5	7.2	7.2	2.2	7.2	8				
					Middle	4.3	0.2	162	22.2	8.3	8.3	31.9	31.9	99.5	99.5	7.2	7.2	2.2	7.2	7				
						7.6	0.2	115	22.2	8.3	8.3	31.8	31.8	99.7	99.7	7.2	7.2	3.5	7.2	8				
						7.6	0.2	117	22.2	8.3	8.3	31.8	31.8	99.7	99.7	7.2	7.2	3.5	7.2	8				
IM5	Misty	Moderate	13:48	8.4	Surface	1.0	0.2	225	22.1	22.1	8.3	8.3	31.3	31.3	95.9	95.9	7.0	7.0	1.0	7.0	8	8	820739	804869
						1.0	0.3	237	22.1	8.3	8.3	31.3	31.3	95.9	95.9	7.0	7.0	1.1	7.0	8				
						4.2	0.2	200	22.1	8.2	8.2	31.3	31.3	96.7	96.8	7.0	7.0	1.9	7.0	8				
					Middle	4.2	0.2	200	22.1	8.2	8.2	31.3	31.3	96.8	96.8	7.1	7.1	1.9	7.1	8				
						7.4	0.2	157	22.1	8.2	8.2	31.2	31.2	97.1	97.2	7.1	7.1	2.1	7.1	9				
						7.4	0.2	168	22.1	8.2	8.2	31.2	31.2	97.2	97.2	7.1	7.1	2.1	7.1	8				
IM6	Misty	Moderate	13:39	6.4	Surface	1.0	0.1	235	22.0	22.0	8.3	8.3	30.9	30.9	94.8	94.9	6.9	6.9	2.1	6.9	6	7	821055	805848
						1.0	0.1	256	22.0	8.3	8.3	30.9	30.9	95.0	95.0	6.9	6.9	2.1	6.9	6				
						3.2	0.1	194	22.0	8.3	8.3	30.9	30.9	95.8	95.9	7.0	7.0	3.8	7.0	7				
					Middle	3.2	0.2	194	22.0	8.3	8.3	30.9	30.9	95.9	95.9	7.0	7.0	3.7	7.0	7				
						5.4	0.1	157	22.0	8.3	8.3	30.9	30.9	96.4	96.5	7.0	7.1	4.4	7.1	8				
						5.4	0.1	164	22.0	8.3	8.3	30.9	30.9	96.6	96.5	7.1	7.1	4.5	7.1	8				
IM7	Misty	Moderate	13:26	8.2	Surface	1.0	0.1	276	22.1	22.1	8.2	8.2	30.8	30.8	94.3	94.3	6.9	6.9	1.5	6.9	7	7	821325	806819
						1.0	0.1	299	22.1	8.2	8.2	30.8	30.8	94.3	94.3	6.9	6.9	1.5	6.9	6				
						4.1	0.1	121	22.1	8.2	8.2	30.8	30.8	94.2	94.2	6.9	6.9	2.2	6.9	7				
					Middle	4.1	0.1	130	22.1	8.2	8.2	30.8	30.8	94.2	94.2	6.9	6.9	2.2	6.9	8				
						7.2	0.0	142	22.1	8.2	8.2	30.8	30.8	94.1	94.1	6.9	6.9	3.7	6.9	8				
						7.2	0.0	146	22.1	8.2	8.2	30.8	30.8	94.1	94.1	6.9	6.9	3.7	6.9	8				
IM8	Cloudy	Moderate	13:55	7.7	Surface	1.0	0.1	106	22.6	22.6	8.2	8.2	31.5	31.5	103.6	103.6	7.5	7.5	5.8	7.5	9	9	821819	808120
						1.0	0.1	116	22.6	8.2	8.2	31.5	31.5	103.6	103.6	7.5	7.5	5.8	7.5	9				
						3.9	0.1	59	22.5	8.2	8.2	31.5	31.5	102.4	102.4	7.4	7.4	7.2	7.4	9				
					Middle	3.9	0.1	63	22.5	8.2	8.2	31.5	31.5	102.4	102.4	7.4	7.4	7.3	7.4	10				
						6.7	0.0	334	22.5	8.2	8.2	31.6	31.6	102.2	102.2	7.4	7.4	8.3	7.4	10				
						6.7	0.0	357	22.5	8.2	8.2	31.6	31.6	102.2	102.2	7.4	7.4	8.2	7.4	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

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Water Quality Monitoring
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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											
IM9	Cloudy	Moderate	14:01	7.1	Surface	1.0	0.2	143	22.8	22.8	8.2	8.2	31.6	31.6	102.0	102.0	7.3	7.3	6.3	6.3	7	7	9	822115	808826								
						1.0	0.3	144	22.8	8.2	8.2	31.6	31.6	102.0	102.0	7.3	7.3	6.3	6.3	8	8												
						3.6	0.3	95	22.8	8.2	8.2	31.6	31.6	102.0	102.0	7.3	7.3	6.3	6.3	8	8												
					Middle	3.6	0.3	100	22.8	22.8	8.2	8.2	31.6	31.6	102.0	102.0	7.3	7.3	6.3	6.3	9	9				6	6						
						6.1	0.2	90	22.8	22.8	8.2	8.2	31.6	31.6	102.1	102.1	7.3	7.3	6.3	6.3	10	10											
						6.1	0.2	97	22.8	22.8	8.2	8.2	31.6	31.6	102.1	102.1	7.3	7.3	6.4	6.4	9	9											
					IM10	Cloudy	Moderate	14:07	7.8	Surface	1.0	0.4	101	22.7	22.7	8.2	8.2	31.6	31.6	104.2	104.2	7.5				7.5	4.8	4.8	6	6	5	822395	809812
											1.0	0.5	107	22.7	22.7	8.2	8.2	31.6	31.6	104.2	104.2	7.5				7.5	4.8	4.8	5	5			
											3.9	0.4	107	22.7	22.8	8.2	8.2	31.7	31.7	102.4	102.4	7.4				7.4	4.7	4.7	6	6			
Middle	3.9	0.4	110	22.8						22.8	8.2	8.2	31.7	31.7	102.3	102.3	7.3	7.3	4.7	4.7	5	5											
	6.8	0.3	88	22.9						22.9	8.2	8.2	31.9	31.9	101.9	101.9	7.3	7.3	4.9	4.9	5	5											
	6.8	0.3	92	22.9						22.9	8.2	8.2	31.9	31.9	102.0	102.0	7.3	7.3	4.9	4.9	4	4											
IM11	Cloudy	Moderate	14:16	8.8						Surface	1.0	0.5	109	23.1	23.1	8.2	8.2	32.3	32.3	102.8	102.8	7.3	7.3	5.1	5.1	5	5	5	822066	811445			
											1.0	0.6	113	23.1	23.1	8.2	8.2	32.3	32.3	102.8	102.8	7.3	7.3	5.1	5.1	5	5						
											4.4	0.4	117	23.1	23.1	8.2	8.2	32.3	32.3	102.6	102.6	7.3	7.3	4.8	4.8	5	5						
					Middle	4.4	0.4	119	23.1	23.1	8.2	8.2	32.3	32.3	102.6	102.6	7.3	7.3	4.9	4.9	5	5											
						7.8	0.3	100	23.1	23.1	8.2	8.2	32.3	32.3	101.4	101.4	7.2	7.2	5.0	5.0	6	6											
						7.8	0.3	101	23.1	23.1	8.2	8.2	32.3	32.3	101.4	101.4	7.2	7.2	5.1	5.1	6	6											
					IM12	Cloudy	Moderate	14:23	9.3	Surface	1.0	0.4	96	23.1	23.1	8.2	8.2	32.4	32.4	102.7	102.7	7.3	7.3	5.0	5.0	6	6				6	821449	812062
											1.0	0.4	104	23.1	23.1	8.2	8.2	32.4	32.4	102.7	102.7	7.3	7.3	5.0	5.0	5	5						
											4.7	0.3	89	23.1	23.1	8.2	8.2	32.4	32.4	102.6	102.6	7.3	7.3	5.2	5.2	6	6						
Middle	4.7	0.3	92	23.1						23.1	8.2	8.2	32.4	32.4	102.6	102.6	7.3	7.3	5.2	5.2	7	7											
	8.3	0.2	85	23.1						23.1	8.2	8.2	32.4	32.4	102.8	102.8	7.3	7.3	5.1	5.1	5	5											
	8.3	0.2	85	23.1						23.1	8.2	8.2	32.4	32.4	102.8	102.8	7.3	7.3	5.1	5.1	6	6											
SR1A	Cloudy	Calm	14:52	5.2						Surface	1.0	-	-	22.8	22.8	8.2	8.2	32.2	32.2	104.2	104.2	7.5	7.5	6.1	6.1	24	24	22	819976	812666			
											1.0	-	-	22.8	22.8	8.2	8.2	32.2	32.2	104.2	104.2	7.5	7.5	6.1	6.1	23	23						
											2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	-									
						4.2	-	-	22.6	22.6	8.2	8.2	32.2	32.2	104.4	104.4	7.5	7.5	5.6	5.6	22	22											
						4.2	-	-	22.6	22.6	8.2	8.2	32.2	32.2	104.4	104.4	7.5	7.5	5.6	5.6	20	20											
					SR2	Cloudy	Moderate	15:07	4.6	Surface	1.0	0.4	92	23.0	23.0	8.2	8.2	32.2	32.2	104.3	104.3	7.4	7.4	4.8	4.8	6	6				6	821466	814148
											1.0	0.4	98	23.0	23.0	8.2	8.2	32.2	32.2	104.2	104.2	7.4	7.4	4.8	4.8	6	6						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-									
	3.6	0.3	94	23.1						23.1	8.2	8.2	32.4	32.4	104.2	104.2	7.4	7.4	5.5	5.5	5	5											
	3.6	0.3	94	23.1						23.1	8.2	8.2	32.4	32.4	104.3	104.3	7.4	7.4	5.5	5.5	6	6											
SR3	Cloudy	Moderate	13:50	9.2						Surface	1.0	0.2	247	22.7	22.7	8.2	8.2	31.5	31.5	103.7	103.7	7.5	7.5	7.2	7.2	10	10	10	822151	807576			
											1.0	0.2	257	22.7	22.7	8.2	8.2	31.5	31.5	103.7	103.7	7.5	7.5	7.2	7.2	10	10						
											4.6	0.1	211	22.7	22.7	8.2	8.2	31.5	31.5	103.9	103.9	7.5	7.5	8.3	8.3	10	10						
					Middle	4.6	0.1	228	22.7	22.7	8.2	8.2	31.5	31.5	103.9	103.9	7.5	7.5	8.4	8.4	11	11											
						8.2	0.1	83	22.6	22.6	8.2	8.2	31.5	31.5	104.1	104.1	7.5	7.5	9.3	9.3	11	11											
						8.2	0.1	88	22.6	22.6	8.2	8.2	31.5	31.5	104.2	104.2	7.5	7.5	9.4	9.4	10	10											
					SR4A	Misty	Moderate	15:03	7.6	Surface	1.0	0.2	85	21.8	21.8	8.3	8.3	31.0	31.0	99.5	99.5	7.3	7.3	1.1	1.1	18	18				18	817181	807807
											1.0	0.3	87	21.8	21.8	8.3	8.3	31.0	31.0	99.5	99.5	7.3	7.3	1.1	1.1	19	19						
											3.8	0.2	88	21.8	21.8	8.3	8.3	31.0	31.0	99.6	99.6	7.3	7.3	2.0	2.0	18	18						
Middle	3.8	0.2	89	21.8						21.8	8.3	8.3	31.0	31.0	99.7	99.7	7.3	7.3	1.9	1.9	17	17											
	6.6	0.1	87	21.8						21.8	8.3	8.3	31.0	31.0	99.9	99.9	7.3	7.3	2.2	2.2	16	16											
	6.6	0.1	91	21.8						21.8	8.3	8.3	31.0	31.0	100.0	100.0	7.3	7.3	2.3	2.3	17	17											
SR5A	Misty	Moderate	15:19	4.0						Surface	1.0	0.1	283	21.8	21.8	8.3	8.3	31.0	31.0	99.2	99.2	7.3	7.3	3.5	3.5	20	20	18	816594	810719			
											1.0	0.1	310	21.8	21.8	8.3	8.3	31.0	31.0	99.2	99.2	7.3	7.3	3.5	3.5	19	19						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-									
						3.0	0.0	269	21.8	21.8	8.3	8.3	31.0	31.0	99.3	99.3	7.3	7.3	4.7	4.7	16	16											
						3.0	0.0	295	21.8	21.8	8.3	8.3	31.0	31.0	99.3	99.3	7.3	7.3	4.7	4.7	17	17											
					SR6A	Misty	Moderate	16:05	4.2	Surface	1.0	0.1	45	21.8	21.8	8.3	8.3	31.0	31.0	99.3	99.3	7.3	7.3	2.2	2.2	16	16				17	817968	814755
											1.0	0.1	47	21.8	21.8	8.3	8.3	31.0	31.0	99.3	99.3	7.3	7.3	2.2	2.2	15	15						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-									
	3.2	0.0	339	21.8						21.8	8.3	8.3	31.0	30.9	99.2	99.2	7.3	7.3	3.4	3.4	18	18											
	3.2	0.0	312	21.8						21.8	8.3	8.3	31.0	30.9	99.2	99.2	7.3	7.3	3.5	3.5	19	19											
SR7	Cloudy	Moderate	15:59	16.4						Surface	1.0	0.6	91	23.6	23.6	8.1	8.1	33.3	33.3	95.8	95.8	6.7	6.7	5.3	5.3	6	6	6	823634	823746			
											1.0	0.6	93	23.6	23.6	8.1	8.1	33.3	33.3	95.8	95.8	6.7	6.7	5.4	5.4	5	5						
											8.2	0.4	65	23.6	23.6	8.1	8.1	33.3	33.3	96.1	96.1	6.7	6.7	5.6	5.6	7	7						
					Middle	8.2	0.4	70	23.6	23.6	8.1	8.1	33.3	33.3	96.1	96.1	6.7	6.7	5.6	5.6	6	6											
						15.4	0.3	44	23.6	23.6	8.2	8.2	33.3	33.3	96.9	97.0	6.8	6.8	5.4	5.4	7	7											
						15.4	0.4	47	23.6	23.6	8.2	8.2	33.3	33.3	97.0	97.0	6.8	6.8	5.4	5.4	7	7											
					SR8	Cloudy	Moderate	14:31	5.0	Surface	1.0	-	-																				

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

Water Quality Monitoring Results on 23 November 21 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	Misty	Moderate	10:44	7.8	Surface	1.0	0.2	13	22.4	22.4	8.2	8.2	31.7	31.7	97.2	97.2	7.0	7.0	7.3	7.3	11	11	815605	804263				
						1.0	0.3	14	22.4	22.4	8.2	8.2	31.7	31.7	97.2	97.2	7.0	7.0	7.3	7.3	10				10			
						3.9	0.1	37	22.4	22.4	8.2	8.2	31.8	31.8	97.3	97.3	7.0	7.0	8.4	8.4	10				10			
					Middle	3.9	0.1	37	22.4	22.4	8.2	8.2	31.8	31.8	97.3	97.3	7.0	7.0	8.5	8.5	11				11	11	815605	804263
						6.8	0.0	38	22.4	22.4	8.2	8.2	31.7	31.7	97.9	97.9	7.1	7.1	9.6	9.6	12				12			
						6.8	0.0	41	22.4	22.4	8.2	8.2	31.7	31.7	97.9	97.9	7.1	7.1	9.6	9.6	10				10			
					Bottom	1.0	0.1	196	23.2	23.2	8.2	8.2	31.9	31.9	102.3	102.3	7.3	7.3	5.3	5.3	6				6	6	825670	806934
						1.0	0.1	200	23.2	23.2	8.2	8.2	31.9	31.9	102.3	102.3	7.3	7.3	5.3	5.3	7				7			
						6.0	0.1	169	23.3	23.3	8.2	8.2	31.9	31.9	101.8	101.8	7.2	7.2	6.2	6.2	9				9			
Middle	6.0	0.2	173	23.3	23.3	8.2	8.2	31.9	31.9	101.8	101.8	7.2	7.2	6.3	6.3	9	9	9	825670	806934								
	10.9	0.1	130	23.3	23.3	8.2	8.2	31.9	31.9	101.6	101.6	7.2	7.2	7.3	7.3	9	9											
	10.9	0.1	139	23.3	23.3	8.2	8.2	31.9	31.9	101.7	101.7	7.2	7.2	7.2	7.2	10	10											
C2	Cloudy	Moderate	10:51	11.9	Surface	1.0	0.1	200	23.3	23.3	8.2	8.2	32.3	32.3	99.4	99.4	7.2	7.2	4.7	4.7	7	7	822123	817817				
						1.0	0.1	209	23.3	23.3	8.2	8.2	32.3	32.3	101.4	101.4	7.2	7.2	4.7	4.7	8				8			
						5.6	0.1	246	23.4	23.4	8.1	8.1	32.5	32.5	99.5	99.5	7.0	7.0	5.6	5.6	5				5			
					Middle	5.6	0.1	254	23.4	23.4	8.1	8.1	32.5	32.5	99.4	99.4	7.0	7.0	5.5	5.5	6				6	6	822123	817817
						10.1	0.1	270	23.5	23.5	8.2	8.2	32.6	32.6	98.9	98.9	7.0	7.0	6.1	6.1	4				4			
						10.1	0.1	293	23.5	23.5	8.2	8.2	32.6	32.6	98.9	98.9	7.0	7.0	5.8	5.8	5				5			
					Bottom	1.0	0.0	282	21.9	21.9	8.2	8.2	31.0	31.0	97.5	97.5	7.1	7.1	2.5	2.5	10				10	10	817964	807142
						1.0	0.0	299	21.9	21.9	8.2	8.2	31.0	31.0	97.5	97.5	7.1	7.1	2.6	2.6	11				11			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-			
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	817964	807142							
	3.8	0.0	106	21.8	21.8	8.2	8.2	31.0	31.0	97.5	97.5	7.1	7.1	3.6	3.6	10	10											
	3.8	0.0	109	21.8	21.8	8.2	8.2	31.0	31.0	97.6	97.6	7.2	7.2	3.6	3.6	9	9											
IM1	Misty	Moderate	11:05	4.8	Surface	1.0	0.1	282	22.0	22.0	8.2	8.2	30.9	30.9	96.0	96.0	7.0	7.0	4.1	4.1	11	11	818150	806164				
						1.0	0.1	300	22.0	22.0	8.2	8.2	30.9	30.9	96.0	96.0	7.0	7.0	4.0	4.0	11				11			
						3.3	0.1	51	22.0	22.0	8.2	8.2	30.9	30.9	96.4	96.4	7.0	7.0	5.2	5.2	13				13			
					Middle	3.3	0.1	55	22.0	22.0	8.2	8.2	30.9	30.9	96.4	96.4	7.1	7.1	5.2	5.2	14				14	14	818150	806164
						5.6	0.1	73	22.0	22.0	8.2	8.2	30.8	30.8	96.9	96.9	7.1	7.1	6.6	6.6	16				16			
						5.6	0.1	73	22.0	22.0	8.2	8.2	30.8	30.8	97.0	97.0	7.1	7.1	6.7	6.7	15				15			
					Bottom	1.0	0.1	329	22.0	22.0	8.2	8.2	30.7	30.7	96.1	96.1	7.0	7.0	1.1	1.1	21				21	21	818801	805606
						1.0	0.1	336	22.0	22.0	8.2	8.2	30.7	30.7	96.3	96.3	7.0	7.0	1.2	1.2	20				20			
						3.4	0.0	5	22.0	22.0	8.2	8.2	30.7	30.7	96.5	96.5	7.1	7.1	2.2	2.2	16				16			
Middle	3.4	0.0	5	22.0	22.0	8.2	8.2	30.7	30.7	96.5	96.5	7.1	7.1	2.2	2.2	15	15	15	818801	805606								
	5.8	0.1	70	22.0	22.0	8.2	8.2	30.7	30.7	96.8	96.8	7.1	7.1	3.3	3.3	12	12											
	5.8	0.1	73	22.0	22.0	8.2	8.2	30.7	30.7	97.0	97.0	7.1	7.1	3.3	3.3	13	13											
IM2	Misty	Moderate	11:18	6.6	Surface	1.0	0.2	283	22.0	22.0	8.2	8.2	30.6	30.6	96.8	96.8	7.1	7.1	4.8	4.8	18	18	819705	804601				
						1.0	0.2	310	22.0	22.0	8.2	8.2	30.6	30.6	96.8	96.8	7.1	7.1	4.7	4.7	17				17			
						4.3	0.1	318	22.0	22.0	8.2	8.2	30.6	30.6	97.3	97.3	7.1	7.1	5.2	5.2	16				16			
					Middle	4.3	0.1	321	22.0	22.0	8.2	8.2	30.6	30.6	97.3	97.3	7.1	7.1	5.2	5.2	16				16	16	819705	804601
						7.6	0.1	13	22.0	22.0	8.2	8.2	30.5	30.5	97.7	97.7	7.2	7.2	6.6	6.6	11				11			
						7.6	0.1	13	22.0	22.0	8.2	8.2	30.5	30.5	97.8	97.8	7.2	7.2	6.6	6.6	11				11			
					Bottom	1.0	0.1	287	21.9	21.9	8.2	8.2	30.5	30.5	95.3	95.3	7.0	7.0	1.0	1.0	18				18	18	820731	804863
						1.0	0.2	306	21.9	21.9	8.2	8.2	30.5	30.5	95.4	95.4	7.0	7.0	1.1	1.1	17				17			
						4.0	0.1	3	21.9	21.9	8.2	8.2	30.5	30.5	96.0	96.0	7.0	7.0	1.6	1.6	19				19			
Middle	4.0	0.1	3	21.9	21.9	8.2	8.2	30.5	30.5	96.1	96.1	7.1	7.1	1.5	1.5	19	19	19	820731	804863								
	7.0	0.1	61	21.9	21.9	8.2	8.2	30.5	30.5	96.5	96.5	7.1	7.1	2.3	2.3	20	20											
	7.0	0.1	61	21.9	21.9	8.2	8.2	30.5	30.5	96.7	96.7	7.1	7.1	2.3	2.3	19	19											
IM3	Misty	Moderate	11:35	8.0	Surface	1.0	0.1	235	22.0	22.0	8.2	8.2	31.0	31.0	95.0	95.0	6.9	6.9	2.1	2.1	20	20	821050	805817				
						1.0	0.1	241	22.0	22.0	8.2	8.2	31.0	31.0	95.0	95.0	6.9	6.9	2.1	2.1	21				21			
						3.6	0.1	115	21.9	21.9	8.2	8.2	31.0	31.0	95.9	95.9	7.0	7.0	3.2	3.2	19				19			
					Middle	3.6	0.1	124	21.9	21.9	8.2	8.2	31.0	31.0	96.1	96.1	7.0	7.0	3.2	3.2	20				20	20	821050	805817
						6.2	0.1	95	21.9	21.9	8.2	8.2	31.0	31.0	96.6	96.6	7.1	7.1	4.2	4.2	19				19			
						6.2	0.1	96	21.9	21.9	8.2	8.2	31.0	31.0	96.7	96.7	7.1	7.1	4.2	4.2	20				20			
					Bottom	1.0	0.2	249	22.0	22.0	8.2	8.2	30.8	30.8	94.8	94.8	6.9	6.9	1.8	1.8	13				13	13	821369	806837
						1.0	0.2	273	22.0	22.0	8.2	8.2	30.8	30.8	94.9	94.9	6.9	6.9	1.7	1.7	12				12			
						3.9	0.1	128	22.0	22.0	8.2	8.2	30.8	30.8	95.4	95.4	7.0	7.0	2.2	2.2	15				15			
Middle	3.9	0.1	137	22.0	22.0	8.2	8.2	30.8	30.8	95.5	95.5	7.0	7.0	2.2	2.2	16	16	16	821369	806837								
	6.8	0.2	68	22.0	22.0	8.2	8.2	30.8	30.8	95.9	95.9	7.0	7.0	3.0	3.0	16	16											
	6.8	0.2	74	22.0	22.0	8.2	8.2	30.8	30.8	96.2	96.2	7.0	7.0	3.1	3.1	17	17											
IM4	Misty	Moderate	11:51	7.8	Surface	1.0	0.2	241	22.8	22.8	8.2	8.2	31.6	31.6	101.7	101.7	7.3	7.3	5.6	5.6	6	6	821846	808158				
						1.0	0.2	253	22.8	22.8	8.2	8.2	31.6	31.6	101.7	101.7	7.3	7.3	5.7	5.7	7				7			
						3.7	0.1	263	22.8	22.8	8.2	8.2	31.6	31.6	101.6	101.6	7.3	7.3	6.3	6.3	8				8			
					Middle	3.7	0.2	277	22.8	22.8	8.2	8.2	31.6	31.6	101.6	101.6	7.3	7.3	6.3	6.3	7				7	7	821846	808158
						6.4																						

**Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 23 November 21 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						
IM9	Cloudy	Moderate	10:22	7.7	Surface	1.0	0.1	81	22.8	22.8	8.2	8.2	31.5	31.5	103.6	103.6	7.4	7.4	9.0	9.0	12	12	822093	808803				
						1.0	0.1	85	22.8	8.2	8.2	31.5	31.5	103.6	103.6	7.4	7.4	8.9	8.9	11	11							
					Middle	3.9	0.1	89	22.8	22.8	8.2	8.2	31.5	31.5	103.4	103.4	7.4	7.4	10.7	10.7	13	13			13			
						3.9	0.1	73	22.8	22.8	8.2	8.2	31.5	31.5	103.4	103.4	7.4	7.4	10.9	10.9	13	13						
					Bottom	6.7	0.1	315	22.8	22.8	8.2	8.2	31.5	31.5	103.2	103.2	7.4	7.4	10.0	10.0	16	16			9.9			
						6.7	0.1	344	22.8	22.8	8.2	8.2	31.5	31.5	103.2	103.2	7.4	7.4	9.8	9.8	15	15						
IM10	Cloudy	Moderate	10:16	7.2	Surface	1.0	0.2	78	22.9	22.9	8.2	8.2	31.7	31.7	103.4	103.4	7.4	7.4	6.7	6.7	9	9	822387	809797				
						1.0	0.2	78	22.9	22.9	8.2	8.2	31.7	31.7	103.4	103.4	7.4	7.4	6.7	6.7	8	8						
					Middle	3.6	0.1	113	22.9	22.9	8.2	8.2	31.7	31.7	103.0	103.0	7.4	7.4	7.6	7.6	8	8			7.7			
						3.6	0.1	114	22.9	22.9	8.2	8.2	31.7	31.7	103.0	103.0	7.4	7.4	7.6	7.6	8	8						
					Bottom	6.2	0.1	245	22.9	22.9	8.2	8.2	31.7	31.7	102.6	102.6	7.3	7.3	8.8	8.8	8	8			7.3			
						6.2	0.1	256	22.9	22.9	8.2	8.2	31.7	31.7	102.5	102.5	7.3	7.3	8.9	8.9	8	8						
IM11	Cloudy	Moderate	10:07	7.8	Surface	1.0	0.1	244	22.9	22.9	8.2	8.2	31.9	31.9	104.4	104.4	7.5	7.5	7.0	7.0	9	9	822052	811477				
						1.0	0.1	256	22.9	22.9	8.2	8.2	31.9	31.9	104.4	104.4	7.5	7.5	7.0	7.0	9	9						
					Middle	3.9	0.1	284	23.0	23.0	8.2	8.2	32.1	32.1	103.9	103.9	7.4	7.4	8.0	8.0	7	7			8.4			
						3.9	0.1	288	23.0	23.0	8.2	8.2	32.1	32.1	103.9	103.9	7.4	7.4	8.0	8.0	8	8						
					Bottom	6.8	0.1	272	22.9	22.9	8.2	8.2	32.1	32.1	103.4	103.4	7.4	7.4	10.1	10.1	7	7			7.4			
						6.8	0.1	289	22.9	22.9	8.2	8.2	32.1	32.1	103.4	103.4	7.4	7.4	10.2	10.2	8	8						
IM12	Cloudy	Moderate	10:01	9.0	Surface	1.0	0.1	312	23.0	23.0	8.2	8.2	32.2	32.2	103.9	103.9	7.4	7.4	8.9	8.9	9	9	821449	812051				
						1.0	0.1	331	23.0	23.0	8.2	8.2	32.2	32.2	103.9	103.9	7.4	7.4	9.0	9.0	8	8						
					Middle	4.5	0.1	300	23.0	23.0	8.2	8.2	32.2	32.2	103.8	103.8	7.4	7.4	8.7	8.7	10	10			9.4			
						4.5	0.1	329	23.0	23.0	8.2	8.2	32.2	32.2	103.8	103.8	7.4	7.4	8.8	8.8	9	9						
					Bottom	8.0	0.1	148	23.0	23.0	8.2	8.2	32.2	32.2	103.5	103.5	7.4	7.4	10.5	10.5	10	10			7.4			
						8.0	0.1	158	23.0	23.0	8.2	8.2	32.2	32.2	103.5	103.5	7.4	7.4	10.5	10.5	9	9						
SR1A	Cloudy	Calm	09:31	5.1	Surface	1.0	-	-	22.7	22.7	8.2	8.2	32.0	32.0	100.5	100.5	7.2	7.2	11.5	11.5	14	14	819971	812664				
						1.0	-	-	22.7	22.7	8.2	8.2	32.0	32.0	100.5	100.5	7.2	7.2	11.0	11.0	14	14						
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	10.8	
						2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		
					Bottom	4.1	-	-	22.8	22.8	8.2	8.2	32.1	32.1	100.8	100.9	7.2	7.2	10.4	10.4	17	17			7.2			
						4.1	-	-	22.8	22.8	8.2	8.2	32.1	32.1	100.9	100.9	7.2	7.2	10.5	10.5	18	18						
SR2	Cloudy	Moderate	09:17	4.9	Surface	1.0	0.2	311	23.1	23.1	8.2	8.2	32.2	32.2	101.5	101.5	7.2	7.2	9.3	9.3	13	13	821468	814189				
						1.0	0.2	332	23.1	23.1	8.2	8.2	32.2	32.2	101.5	101.5	7.2	7.2	9.2	9.2	12	12						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	9.2	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		
					Bottom	3.9	0.1	307	23.1	23.1	8.2	8.2	32.2	32.2	101.3	101.3	7.2	7.2	9.3	9.3	10	10			7.2			
						3.9	0.1	317	23.1	23.1	8.2	8.2	32.2	32.2	101.3	101.3	7.2	7.2	9.2	9.2	9	9						
SR3	Cloudy	Moderate	10:33	9.1	Surface	1.0	0.1	247	22.9	22.9	8.1	8.1	31.5	31.5	102.4	102.4	7.3	7.3	7.0	7.0	7	7	822164	807582				
						1.0	0.1	249	22.9	22.9	8.1	8.1	31.5	31.5	102.4	102.4	7.3	7.3	7.0	7.0	8	8						
					Middle	4.6	0.1	215	22.9	22.9	8.2	8.2	31.6	31.6	101.5	101.5	7.3	7.3	6.6	6.6	9	9			7.2			
						4.6	0.1	230	22.9	22.9	8.2	8.2	31.6	31.6	101.5	101.5	7.3	7.3	6.5	6.5	8	8						
					Bottom	8.1	0.2	5	22.9	22.9	8.2	8.2	31.6	31.6	101.5	101.5	7.3	7.3	8.0	8.0	8	8			7.3			
						8.1	0.2	5	22.9	22.9	8.2	8.2	31.6	31.6	101.5	101.5	7.3	7.3	8.2	8.2	9	9						
SR4A	Misty	Moderate	10:21	9.4	Surface	1.0	0.2	79	21.9	21.9	8.2	8.2	31.2	31.2	94.1	94.1	6.9	6.9	1.1	1.1	16	16	817175	807804				
						1.0	0.2	82	21.9	21.9	8.2	8.2	31.2	31.2	94.1	94.1	6.9	6.9	1.1	1.1	15	15						
					Middle	4.7	0.2	73	21.9	21.9	8.2	8.2	31.2	31.2	95.0	95.0	6.9	6.9	1.6	1.6	14	14			1.8			
						4.7	0.2	75	21.9	21.9	8.2	8.2	31.2	31.2	95.0	95.0	6.9	6.9	1.7	1.7	14	14						
					Bottom	8.4	0.2	55	21.9	21.9	8.2	8.2	31.2	31.2	95.4	95.5	7.0	7.0	2.7	2.7	10	10			7.0			
						8.4	0.2	58	21.9	21.9	8.2	8.2	31.2	31.2	95.6	95.6	7.0	7.0	2.7	2.7	10	10						
SR5A	Misty	Moderate	10:03	3.2	Surface	1.0	0.1	259	22.0	22.0	8.2	8.2	31.5	31.5	95.6	95.6	7.0	7.0	2.5	2.5	14	14	816570	810713				
						1.0	0.1	260	22.0	22.0	8.2	8.2	31.5	31.5	95.6	95.6	7.0	7.0	2.4	2.4	13	13						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	2.9	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		
					Bottom	2.2	0.1	249	22.0	22.0	8.2	8.2	31.4	31.4	95.9	96.0	7.0	7.0	3.4	3.4	10	10			7.0			
						2.2	0.1	259	22.0	22.0	8.2	8.2	31.4	31.4	96.1	96.0	7.0	7.0	3.5	3.5	11	11						
SR6A	Misty	Moderate	09:35	4.8	Surface	1.0	0.0	216	21.9	21.9	8.2	8.2	31.3	31.3	96.6	96.6	7.1	7.1	2.8	2.8	12	12	817950	814739				
						1.0	0.0	219	21.9	21.9	8.2	8.2	31.3	31.3	96.6	96.6	7.1	7.1	2.7	2.7	12	12						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3.1	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		
					Bottom	3.8	0.0	257	21.9	21.9	8.2	8.2	31.3	31.3	96.7	96.8	7.1	7.1	3.5	3.5	13	13			7.1			
						3.8	0.0	266	21.9	21.9	8.2	8.2	31.3	31.3	96.8	96.8	7.1	7.1	3.5	3.5	14	14						
SR7	Cloudy	Moderate	08:31	15.8	Surface	1.0	0.1	288	23.4	23.4	8.1	8.1	32.7	32.7	99.4	99.4	5.3	5.3	4.8	4.8	10	10	823633	823732				
						1.0	0.1	307	23.4	23.4	8.1	8.1	32.7	32.7	99.3	99.4	5.3	5.3	4.8	4.8	9	9						
					Middle	7.9	0.1	70	23.6	23.6	8.1	8.1	33.0	33.0	97.2	97.2	4.6	4.6	5.2	5.2	6	6			5.1			
						7.9	0.2	72	23.6	23.6	8.1	8.1	33.0	33.0	97.1	97.2	4.6											

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 25 November 21 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	Calm	03:26	7.4	Surface	1.0	0.1	190	21.8	21.8	8.3	8.3	31.8	31.8	98.3	98.3	7.2	7.1	4.3	6.7	8	7	815610	804238
						1.0	0.1	199	21.8	8.3	8.3	31.8	31.8	98.3	98.3	7.2	7.1	4.3	6.7	8	7			
						3.7	0.1	188	21.7	8.3	8.3	32.2	32.2	95.7	95.7	7.0	7.1	7.2	6.7	7	6			
					3.7	0.1	194	21.7	8.3	8.3	32.2	32.2	95.6	95.6	7.0	7.1	7.2	6.7	6	6				
					6.4	0.1	206	21.7	8.3	8.3	32.5	32.5	94.3	94.3	6.9	6.9	8.5	6.9	6	6				
					6.4	0.1	216	21.7	8.3	8.3	32.5	32.5	94.3	94.3	6.9	6.9	8.6	6.9	6	6				
C2	Fine	Calm	05:39	11.6	Surface	1.0	0.3	146	22.6	22.6	8.0	8.0	31.0	31.0	97.2	97.2	7.0	7.0	1.5	2.7	7	6	825666	806939
						1.0	0.3	153	22.6	8.0	8.0	31.0	31.0	97.2	97.4	7.0	7.0	1.5	2.7	6	6			
						5.8	0.2	138	22.6	8.0	8.0	31.0	31.0	97.3	97.4	7.0	7.1	2.6	2.7	6	6			
					5.8	0.2	145	22.6	8.1	8.1	31.0	31.0	97.4	97.9	7.0	7.1	2.7	2.7	6	5				
					10.6	0.2	128	22.6	8.1	8.1	31.0	31.0	97.8	97.9	7.1	7.1	3.9	4.0	5	4				
					10.6	0.2	135	22.6	8.1	8.1	31.0	31.0	97.9	97.9	7.1	7.1	4.0	4.0	4	4				
C3	Fine	Calm	03:41	11.0	Surface	1.0	0.4	160	22.7	22.7	7.8	7.8	32.3	32.3	94.0	94.1	6.7	6.8	1.8	3.0	4	5	822111	817808
						1.0	0.4	165	22.7	7.8	7.8	32.3	32.3	94.2	94.4	6.8	6.8	1.9	3.1	4	5			
						5.5	0.3	166	22.6	7.8	7.8	32.3	32.3	94.4	94.4	6.8	6.8	3.1	3.2	5	5			
					5.5	0.4	167	22.6	7.8	7.8	32.3	32.3	94.4	94.9	6.8	6.8	3.2	4.0	5	5				
					10.0	0.3	155	22.6	7.8	7.8	32.3	32.3	94.9	95.1	6.8	6.8	4.0	4.1	5	5				
					10.0	0.4	164	22.6	7.8	7.8	32.3	32.3	95.2	95.2	6.8	6.8	4.1	4.1	5	5				
IM1	Cloudy	Calm	03:47	4.7	Surface	1.0	0.1	200	22.0	22.0	8.3	8.3	32.3	32.3	98.1	98.1	7.1	7.1	2.9	3.4	6	6	817932	807110
						1.0	0.1	206	22.0	8.3	8.3	32.3	32.3	98.1	98.1	7.1	7.1	3.0	3.4	7	6			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
					3.7	0.1	210	22.0	8.3	8.3	32.4	32.4	98.0	98.0	7.1	7.1	3.8	3.8	6	6				
					3.7	0.1	216	22.0	8.3	8.3	32.4	32.4	98.0	98.0	7.1	7.1	3.8	3.8	6	6				
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
IM2	Cloudy	Moderate	03:56	6.3	Surface	1.0	0.1	186	21.7	21.7	8.3	8.3	31.8	31.8	99.6	99.6	7.3	7.2	3.9	5.3	6	7	818153	806162
						1.0	0.1	188	21.7	8.3	8.3	31.8	31.8	99.5	99.5	7.3	7.2	3.8	5.3	6	7			
						3.2	0.1	142	21.7	8.3	8.3	32.2	32.2	95.5	95.6	7.0	7.0	5.8	6.3	6	8			
					3.2	0.1	155	21.7	8.3	8.3	32.2	32.2	95.6	94.5	7.0	6.9	5.8	6.3	6	8				
					5.3	0.1	54	21.7	8.3	8.3	32.3	32.3	94.5	94.5	6.9	6.9	6.3	6.3	8	8				
					5.3	0.1	58	21.7	8.3	8.3	32.3	32.3	94.5	94.5	6.9	6.9	6.3	6.3	8	8				
IM3	Sunny	Moderate	04:04	6.7	Surface	1.0	0.1	86	21.7	21.7	8.3	8.3	31.9	31.9	97.5	97.5	7.1	7.0	1.9	2.6	8	9	818798	805591
						1.0	0.1	90	21.7	8.3	8.3	31.9	31.9	97.5	97.5	7.1	7.0	1.9	2.6	8	9			
						3.4	0.0	41	21.6	8.3	8.3	32.1	32.1	94.9	94.9	6.9	6.9	2.7	3.2	8	9			
					3.4	0.0	44	21.6	8.3	8.3	32.2	32.2	94.9	93.7	6.9	6.8	2.6	3.2	9	9				
					5.7	0.0	24	21.6	8.2	8.2	32.2	32.2	93.7	93.7	6.8	6.8	3.2	3.2	9	9				
					5.7	0.0	24	21.6	8.2	8.2	32.2	32.2	93.7	93.7	6.8	6.8	3.2	3.2	9	9				
IM4	Sunny	Moderate	04:14	8.4	Surface	1.0	0.2	166	21.6	21.6	8.3	8.3	31.9	31.9	96.0	96.0	7.0	7.0	3.6	4.8	9	9	819732	804592
						1.0	0.2	181	21.6	8.3	8.3	31.9	31.9	96.0	96.0	7.0	7.0	3.4	4.8	9	9			
						4.2	0.2	152	21.6	8.3	8.3	31.9	31.9	96.0	96.0	7.0	7.0	4.6	4.8	9	9			
					4.2	0.2	152	21.6	8.3	8.3	31.9	31.9	96.0	96.0	7.0	7.0	4.6	4.8	9	9				
					7.4	0.1	156	21.6	8.3	8.3	31.9	31.9	95.5	95.6	7.0	7.0	6.3	6.2	8	7				
					7.4	0.1	158	21.6	8.3	8.3	31.9	31.9	95.6	95.6	7.0	7.0	6.2	6.2	7	7				
IM5	Sunny	Moderate	04:24	7.6	Surface	1.0	0.1	235	21.7	21.7	8.3	8.3	31.3	31.3	102.6	102.6	7.5	7.3	1.5	2.0	7	6	820711	804881
						1.0	0.2	258	21.7	8.3	8.3	31.3	31.3	102.5	102.5	7.5	7.3	1.5	2.0	6	6			
						3.8	0.1	190	21.7	8.3	8.3	31.9	31.9	96.4	96.4	7.0	7.0	2.1	2.4	6	6			
					3.8	0.1	205	21.7	8.3	8.3	31.9	31.9	96.4	96.4	7.0	7.0	2.1	2.4	6	6				
					6.6	0.1	181	21.7	8.2	8.2	32.1	32.1	93.3	93.3	6.8	6.8	2.4	2.4	6	5				
					6.6	0.1	196	21.7	8.2	8.2	32.1	32.1	93.3	93.3	6.8	6.8	2.4	2.4	5	5				
IM6	Sunny	Moderate	04:31	7.2	Surface	1.0	0.1	295	21.9	21.9	8.2	8.2	30.7	30.7	98.5	98.5	7.2	7.2	2.6	3.7	6	6	821060	805833
						1.0	0.1	308	21.9	8.2	8.2	30.7	30.7	98.4	98.4	7.2	7.2	2.6	3.7	6	6			
						3.6	0.1	171	21.9	8.2	8.2	31.0	31.0	97.2	97.2	7.1	7.1	3.8	4.7	6	7			
					3.6	0.1	171	21.9	8.2	8.2	31.0	31.0	97.2	97.2	7.1	7.1	3.8	4.7	6	7				
					6.2	0.1	144	21.8	8.2	8.2	32.1	32.1	90.8	90.8	6.6	6.6	4.7	4.7	7	7				
					6.2	0.1	150	21.8	8.2	8.2	32.1	32.1	90.8	90.8	6.6	6.6	4.7	4.7	7	7				
IM7	Sunny	Moderate	04:39	8.4	Surface	1.0	0.0	338	21.9	21.9	8.2	8.2	30.5	30.5	98.5	98.5	7.2	7.2	2.5	3.5	4	6	821360	806832
						1.0	0.0	344	21.9	8.2	8.2	30.5	30.5	98.5	98.5	7.2	7.2	2.6	3.5	4	6			
						4.2	0.1	92	21.8	8.2	8.2	30.7	30.7	96.4	96.4	7.1	7.1	3.3	4.7	7	7			
					4.2	0.1	100	21.8	8.2	8.2	30.8	30.8	96.4	96.4	7.1	7.1	3.3	4.7	6	7				
					7.4	0.1	142	21.9	8.2	8.2	32.1	32.1	93.9	93.9	6.8	6.8	4.7	4.7	7	7				
					7.4	0.1	148	21.8	8.2	8.2	32.1	32.1	93.9	93.9	6.8	6.8	4.7	4.7	7	7				
IM8	Fine	Calm	05:12	7.4	Surface	1.0	0.1	102	22.4	22.4	7.9	7.9	30.9	30.9	97.2	97.2	7.1	7.1	2.7	2.9	6	5	821812	808126
						1.0	0.1	103	22.4	7.9	7.9	30.9	30.9	97.2	97.2	7.1	7.1	2.7	2.9	6	5			
						3.7	0.0	109	22.4	8.0	8.0	30.9	30.9	97.1	97.2	7.1	7.1	3.0	3.1	6	4			
					3.7	0.0	112	22.4	8.0	8.0	30.9	30.9	97.2	97.2	7.1	7.1	3.0	3.1	5	4				
					6.4	0.1	174	22.4	8.0	8.0	30.9	30.9	97.7	97.7	7.1	7.1	3.1	3.1	4	4				
					6.4	0.1	189	22.4	8.1	8.1	30.9	30.9	97.9	97.9	7.1	7.1	3.1	3.1	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 25 November 21 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				
IM9	Fine	Calm	05:07	6.8	Surface	1.0	0.1	115	22.3	22.3	8.0	8.0	31.1	31.1	97.4	97.4	7.1	7.1	1.8	1.8	4	4	6	822085	808821	
						1.0	0.1	119	22.3	8.0	8.0	31.1	31.1	97.4	97.4	7.1	7.1	2.2	2.2	5	5					
						3.4	0.0	136	22.3	8.0	8.0	31.1	31.1	97.4	97.4	7.1	7.1	2.2	2.2	6	6					
					3.4	0.0	140	22.3	8.0	8.0	31.1	31.1	97.4	97.4	7.1	7.1	3.0	3.0	7	7						
					5.8	0.1	136	22.3	8.1	8.1	31.1	31.1	97.5	97.6	7.1	7.1	3.0	3.0	7	7						
					5.8	0.1	144	22.3	8.1	8.1	31.1	31.1	97.6	97.6	7.1	7.1	3.0	3.0	7	7						
IM10	Fine	Calm	04:59	7.6	Surface	1.0	0.4	138	22.3	22.3	8.1	8.1	31.9	31.9	95.9	95.9	6.9	6.9	3.4	3.4	5	5	6	822393	809779	
						1.0	0.4	147	22.3	8.1	8.1	31.9	31.9	95.9	95.9	6.9	6.9	3.3	3.3	5	5					
						3.8	0.4	133	22.3	8.1	8.1	32.0	32.0	96.0	96.1	6.9	6.9	3.8	3.8	6	6					
					3.8	0.4	139	22.3	8.1	8.1	32.0	32.0	96.2	96.2	7.0	7.0	3.7	3.7	6	6						
					6.6	0.3	137	22.3	8.1	8.1	32.0	32.0	96.8	97.0	7.0	7.0	4.9	4.9	6	6						
					6.6	0.3	145	22.3	8.2	8.1	32.0	32.0	97.1	97.0	7.0	7.0	4.8	4.8	6	6						
IM11	Fine	Calm	04:49	8.0	Surface	1.0	0.5	113	22.5	22.5	8.1	8.1	32.2	32.2	94.9	95.0	6.8	6.8	6.2	6.2	5	5	7	822041	811476	
						1.0	0.5	114	22.4	8.1	8.1	32.2	32.2	95.0	95.2	6.8	6.9	6.3	6.3	6	6					
						4.0	0.5	116	22.4	8.1	8.1	32.2	32.2	95.2	95.2	6.9	6.9	7.6	7.6	6	6					
					4.0	0.5	124	22.4	8.1	8.1	32.2	32.2	95.2	95.2	6.9	6.9	7.7	7.7	6	6						
					7.0	0.4	114	22.4	8.2	8.2	32.2	32.2	95.5	95.6	6.9	6.9	8.0	8.0	8	8						
					7.0	0.5	114	22.4	8.2	8.2	32.2	32.2	95.7	95.7	6.9	6.9	8.0	8.0	8	8						
IM12	Fine	Calm	04:42	8.2	Surface	1.0	0.6	131	22.5	22.5	8.2	8.2	32.3	32.3	95.2	95.3	6.8	6.8	4.1	4.1	5	5	6	821446	812044	
						1.0	0.6	142	22.5	8.2	8.2	32.3	32.3	95.3	95.8	6.9	6.9	4.2	4.2	6	6					
						4.1	0.5	124	22.5	8.2	8.2	32.3	32.3	95.7	95.8	6.9	6.9	5.0	5.0	7	7					
					4.1	0.5	132	22.5	8.2	8.2	32.3	32.3	95.8	95.8	6.9	6.9	5.1	5.1	7	7						
					7.2	0.4	124	22.5	8.3	8.3	32.3	32.3	96.3	96.4	6.9	6.9	6.5	6.5	6	6						
					7.2	0.4	128	22.5	8.3	8.3	32.3	32.3	96.5	96.4	6.9	6.9	6.5	6.5	7	7						
SR1A	Fine	Calm	04:18	5.0	Surface	1.0	-	-	22.6	22.6	7.7	7.7	32.2	32.2	94.7	94.7	6.8	6.8	8.3	8.3	10	10	10	819971	812663	
						1.0	-	-	22.6	22.6	7.7	7.7	32.2	32.2	94.7	94.7	6.8	6.8	8.3	8.3	11	11				
						2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					4.0	-	-	22.6	22.6	7.7	7.7	32.2	32.2	94.9	95.0	6.8	6.8	9.1	9.1	9	9					
					4.0	-	-	22.6	22.6	7.7	7.7	32.2	32.2	95.0	95.0	6.8	6.8	9.0	9.0	9	9					
SR2	Fine	Calm	04:02	4.2	Surface	1.0	0.1	122	22.5	22.5	7.8	7.8	32.2	32.2	95.6	95.7	6.9	6.9	3.7	3.7	6	6	8	821475	814143	
						1.0	0.1	122	22.4	7.8	7.8	32.2	32.2	95.7	95.7	6.9	6.9	3.7	3.7	7	7					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					3.2	0.1	135	22.4	22.5	7.8	7.8	32.2	32.2	95.9	96.1	6.9	6.9	4.3	4.3	10	10					
					3.2	0.1	143	22.5	22.5	7.8	7.8	32.2	32.2	96.2	96.2	6.9	6.9	4.3	4.3	10	10					
SR3	Fine	Calm	05:19	8.6	Surface	1.0	0.1	198	22.6	22.6	7.9	7.9	30.9	30.9	98.1	98.2	7.1	7.1	1.7	1.7	5	5	6	822129	807591	
						1.0	0.1	217	22.6	7.9	7.9	30.9	30.9	98.2	98.2	7.1	7.1	1.7	1.7	5	5					
						4.3	0.1	199	22.6	8.0	8.0	30.9	30.9	98.0	98.0	7.1	7.1	2.7	2.7	6	6					
					4.3	0.1	213	22.5	8.0	8.0	30.9	30.9	98.0	98.0	7.1	7.1	2.7	2.7	6	6						
					7.6	0.1	171	22.5	8.0	8.0	31.0	30.9	98.3	98.4	7.1	7.1	3.7	3.7	6	6						
					7.6	0.1	181	22.6	8.0	8.0	30.9	30.9	98.4	98.4	7.1	7.1	3.8	3.8	6	6						
SR4A	Cloudy	Calm	03:11	7.0	Surface	1.0	0.2	82	21.9	21.9	8.3	8.3	32.3	32.3	95.7	95.7	7.0	7.0	1.1	1.1	6	6	7	817189	807824	
						1.0	0.2	88	21.8	8.3	8.3	32.3	32.3	95.7	95.7	7.0	7.0	1.1	1.1	7	7					
						3.5	0.2	66	21.8	8.3	8.3	32.4	32.4	95.4	95.4	6.9	6.9	1.6	1.6	7	7					
					3.5	0.2	68	21.8	8.3	8.3	32.4	32.4	95.4	95.4	6.9	6.9	1.7	1.7	8	8						
					6.0	0.2	72	21.8	8.3	8.3	32.5	32.5	94.3	94.3	6.9	6.9	3.1	3.1	8	8						
					6.0	0.2	77	21.8	8.3	8.3	32.5	32.5	94.2	94.2	6.8	6.8	3.0	3.0	8	8						
SR5A	Cloudy	Calm	02:43	3.9	Surface	1.0	0.1	152	21.6	21.6	8.2	8.2	31.7	31.7	94.4	94.4	6.9	6.9	2.4	2.4	7	7	8	816586	810719	
						1.0	0.1	164	21.6	8.2	8.2	31.7	31.7	94.4	94.4	6.9	6.9	2.5	2.5	7	7					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					2.9	0.1	42	21.5	21.5	8.2	8.2	31.7	31.7	93.5	93.6	6.9	6.9	3.8	3.8	9	9					
					2.9	0.1	43	21.5	21.5	8.2	8.2	31.7	31.7	93.6	93.6	6.9	6.9	3.8	3.8	9	9					
SR6A	Cloudy	Calm	02:15	3.2	Surface	1.0	0.0	164	21.9	21.9	8.2	8.2	31.3	31.3	96.9	96.9	7.1	7.1	2.6	2.6	7	7	8	817977	814746	
						1.0	0.0	172	21.9	8.2	8.2	31.3	31.3	96.9	96.9	7.1	7.1	2.7	2.7	7	7					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					2.2	0.0	159	21.8	21.8	8.2	8.2	31.3	31.3	96.0	96.0	7.0	7.0	3.5	3.5	8	8					
					2.2	0.0	161	21.8	21.8	8.2	8.2	31.3	31.3	96.0	96.0	7.0	7.0	3.6	3.6	8	8					
SR7	Fine	Calm	03:13	16.0	Surface	1.0	0.2	43	23.2	23.2	8.2	8.2	32.6	32.6	89.4	89.5	6.3	6.3	1.3	1.3	4	4	5	823620	823720	
						1.0	0.3	43	23.2	8.2	8.2	32.6	32.6	89.5	89.5	6.3	6.3	1.3	1.3	4	4					
						8.0	0.2	53	23.2	8.2	8.2	32.6	32.6	90.0	90.1	6.4	6.4	2.1	2.1	4	4					
					8.0	0.2	54	23.2	8.2	8.2	32.6	32.6	90.1	90.1	6.4	6.4	2.2	2.2	4	4						
					15.0	0.2	46	23.1	23.1	8.2	8.2	32.7	32.7	91.0	91.3	6.5	6.5	2.8	2.8	6	6					
					15.0	0.2	47	23.1	23.1	8.2	8.2	32.7	32.7	91.5	91.5	6.5	6.5	2.8	2.8	5	5					
SR8	Fine	Calm	04:30	5.0	Surface	1.0	-	-	22.6	22.6	7.7	7.7	32.2	32.2	94.4	94.4	6.8	6.8	3.1	3.1	5	5	6	820373	811633	
						1.0	-	-	22.6	22.6	7.7	7.7	32.2	32.2	94.4	94.4	6.8	6.8	3.1	3.1	5	5				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					4.0	-	-	22.6	22.6																	

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

Water Quality Monitoring Results on 25 November 21 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	Calm	15:57	7.7	Surface	1.0	0.2	49	22.1	22.1	8.3	8.3	32.1	32.1	102.1	102.1	7.4	7.4	1.2	4	4	815634	804246								
						1.0	0.2	53	22.1	8.3	8.3	32.1	32.1	102.1	102.1	7.4	7.4	1.2	4												
						3.9	0.4	46	22.2	22.2	8.3	8.3	32.6	32.6	95.9	95.9	6.9	6.9	2.6	4											
					Middle	3.9	0.4	50	22.2	22.2	8.3	8.3	32.6	32.6	95.8	95.8	6.9	6.9	2.7	4											
						6.7	0.3	44	22.1	22.1	8.3	8.3	32.8	32.8	94.4	94.4	6.8	6.8	3.3	4											
						6.7	0.3	44	22.1	22.1	8.3	8.3	32.8	32.8	94.4	94.4	6.8	6.8	3.3	4											
					C2	Fine	Calm	14:36	11.4	Surface	1.0	0.2	66	22.6	22.6	7.8	7.8	31.3	31.3	96.2				96.2	7.0	7.0	1.5	3	4	825695	806924
											1.0	0.2	67	22.6	22.6	7.8	7.8	31.3	31.3	96.2				96.2	6.9	6.9	1.5	3			
											5.7	0.2	47	22.5	22.5	7.8	7.7	31.4	31.4	95.9				95.9	6.9	6.9	2.4	4			
Middle	5.7	0.2	49	22.5						22.5	7.7	7.7	31.4	31.4	95.9	95.9	6.9	6.9	2.5	4											
	10.4	0.2	38	22.5						22.5	7.7	7.7	31.5	31.5	95.9	95.9	6.9	6.9	3.3	6											
	10.4	0.2	41	22.5						22.5	7.7	7.7	31.5	31.5	95.9	95.9	6.9	6.9	3.3	5											
C3	Fine	Calm	17:10	12.0						Surface	1.0	0.1	84	23.3	23.3	8.1	8.1	32.7	32.7	93.0	93.0	6.6	6.6	1.8	4	5	822086	817820			
											1.0	0.1	86	23.3	23.3	8.1	8.1	32.7	32.7	93.2	93.2	6.6	6.6	1.7	4						
											6.0	0.1	85	23.3	23.3	8.1	8.1	32.7	32.7	93.7	93.7	6.6	6.6	2.1	5						
					Middle	6.0	0.1	90	23.3	23.3	8.1	8.1	32.7	32.7	93.9	93.9	6.6	6.6	2.1	5											
						11.0	0.1	20	23.3	23.3	8.1	8.1	32.7	32.7	94.3	94.3	6.7	6.7	3.2	7											
						11.0	0.1	20	23.3	23.3	8.1	8.1	32.7	32.7	94.8	94.8	6.7	6.7	3.2	6											
					IM1	Sunny	Moderate	15:37	4.7	Surface	1.0	0.1	16	22.1	22.1	8.3	8.3	31.9	31.9	103.0	103.0	7.5	7.5	2.2	6				5	817962	807150
											1.0	0.1	16	22.1	22.1	8.3	8.3	31.9	31.9	103.0	103.0	7.5	7.5	2.2	6						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.7	0.1	34	22.1						22.1	8.3	8.3	32.0	32.0	101.7	101.7	7.4	7.4	4.0	4											
	3.7	0.1	34	22.1						22.1	8.3	8.3	32.0	32.0	101.7	101.7	7.4	7.4	3.8	4											
IM2	Sunny	Moderate	15:30	6.6						Surface	1.0	0.2	329	22.0	22.0	8.3	8.3	32.0	32.0	100.8	100.8	7.3	7.3	1.3	4	5	818168	806167			
											1.0	0.2	341	22.0	22.0	8.3	8.3	32.0	32.0	100.7	100.7	7.3	7.3	1.2	4						
											3.3	0.2	338	22.0	22.0	8.3	8.3	32.3	32.3	98.8	98.8	7.2	7.2	1.8	5						
					Middle	3.3	0.2	345	22.0	22.0	8.3	8.3	32.3	32.3	98.7	98.7	7.2	7.2	1.8	5											
						5.6	0.2	18	21.9	21.9	8.3	8.3	32.4	32.4	96.6	96.6	7.0	7.0	2.6	6											
						5.6	0.2	18	21.9	21.9	8.3	8.3	32.4	32.4	96.5	96.5	7.0	7.0	2.5	6											
					IM3	Sunny	Moderate	15:22	6.8	Surface	1.0	0.1	300	22.0	22.0	8.3	8.3	31.9	31.9	100.5	100.5	7.3	7.3	2.6	5				6	818771	805575
											1.0	0.1	318	22.0	22.0	8.3	8.3	31.9	31.9	100.5	100.5	7.3	7.3	2.6	5						
											3.4	0.1	339	21.7	21.7	8.3	8.3	32.3	32.3	94.2	94.2	6.9	6.9	3.3	5						
Middle	3.4	0.1	312	21.7						21.7	8.3	8.3	32.3	32.3	94.2	94.2	6.9	6.9	3.3	6											
	5.8	0.2	1	21.7						21.7	8.3	8.3	32.3	32.3	93.7	93.7	6.8	6.8	4.3	6											
	5.8	0.2	1	21.7						21.7	8.3	8.3	32.3	32.3	93.8	93.8	6.8	6.8	4.4	6											
IM4	Sunny	Moderate	15:12	8.5						Surface	1.0	0.1	334	21.8	21.8	8.3	8.3	32.0	32.0	99.1	99.1	7.2	7.2	2.1	4	5	819701	804594			
											1.0	0.1	307	21.8	21.8	8.3	8.3	32.0	32.0	99.1	99.1	7.2	7.2	2.2	4						
											4.3	0.1	338	21.7	21.7	8.3	8.3	32.1	32.1	94.2	94.2	6.9	6.9	3.5	4						
					Middle	4.3	0.1	342	21.7	21.7	8.3	8.3	32.1	32.1	94.2	94.2	6.9	6.9	3.5	4											
						7.5	0.2	18	21.6	21.6	8.3	8.3	32.2	32.1	93.3	93.4	6.8	6.8	4.1	6											
						7.5	0.2	19	21.6	21.6	8.3	8.3	32.1	32.1	93.4	93.4	6.8	6.8	4.1	6											
					IM5	Sunny	Moderate	15:04	7.6	Surface	1.0	0.1	12	21.9	21.9	8.3	8.3	31.7	31.7	101.8	101.8	7.4	7.4	1.1	6				5	820734	804855
											1.0	0.2	12	21.9	21.9	8.3	8.3	31.7	31.7	101.8	101.8	7.4	7.4	1.0	5						
											3.8	0.3	14	21.8	21.8	8.3	8.3	32.0	32.0	96.8	96.8	7.1	7.1	1.4	5						
Middle	3.8	0.3	14	21.8						21.8	8.3	8.3	32.0	32.0	96.8	96.8	7.1	7.1	1.4	5											
	6.6	0.2	18	21.8						21.8	8.3	8.3	32.1	32.1	93.5	93.6	6.8	6.8	2.4	5											
	6.6	0.2	18	21.8						21.8	8.3	8.3	32.1	32.1	93.6	93.6	6.8	6.8	2.4	5											
IM6	Sunny	Moderate	14:56	7.1						Surface	1.0	0.1	248	21.9	21.9	8.3	8.3	30.6	30.6	100.5	100.5	7.4	7.4	2.4	4	4	821060	805848			
											1.0	0.1	264	21.9	21.9	8.3	8.3	30.6	30.6	100.5	100.5	7.4	7.4	2.4	4						
											3.6	0.1	7	21.8	21.8	8.3	8.3	31.2	31.2	96.3	96.3	7.1	7.1	3.9	4						
					Middle	3.6	0.1	7	21.8	21.8	8.3	8.3	31.2	31.2	96.3	96.3	7.1	7.1	3.9	4											
						6.1	0.2	42	21.8	21.8	8.2	8.2	32.2	32.2	89.9	89.9	6.5	6.5	4.6	4											
						6.1	0.2	45	21.8	21.8	8.2	8.2	32.2	32.2	89.9	89.9	6.5	6.5	4.5	5											
					IM7	Sunny	Moderate	14:48	8.2	Surface	1.0	0.2	256	21.9	21.9	8.3	8.3	30.5	30.5	99.7	99.7	7.3	7.3	2.9	6				5	821340	806816
											1.0	0.2	281	21.9	21.9	8.3	8.3	30.5	30.5	99.7	99.7	7.3	7.3	2.9	5						
											4.1	0.0	336	21.9	21.9	8.3	8.3	31.1	31.1	97.3	97.3	7.1	7.1	3.1	5						
Middle	4.1	0.0	355	21.9						21.9	8.3	8.3	31.1	31.1	97.3	97.3	7.1	7.1	3.2	5											
	7.2	0.1	75	21.8						21.8	8.3	8.3	32.0	32.0	94.8	94.8	6.9	6.9	3.9	4											
	7.2	0.1	80	21.8						21.8	8.3	8.3	32.0	32.0	94.8	94.8	6.9	6.9	3.8	4											
IM8	Fine	Calm	15:01	7.4						Surface	1.0	0.1	62	22.5	22.5	8.2	8.2	31.1	31.1	98.7	98.7	7.1	7.1	4.0	4	4	821846	808140			
											1.0	0.1	62	22.5	22.5	8.2	8.2	31.1	31.1	98.7	98.7	7.1	7.1	3.9	4						
											3.7	0.1	44	22.4	22.4	8.2	8.2	31.2	31.2	98.8	98.9	7.2	7.2	4.1	4						
					Middle	3.7	0.2	44	22.3	22.4	8.2	8.2	31.3	31.2	98.8	98.9	7.2	7.2	4.0	4											
						6.4	0.1	55	22.1	22.1	8.2	8.2	31.5	31.5	99.5	99.6	7.2	7.2	5.2	3											
						6.4	0.1	56	22.0	22.1	8.2	8.2	31.5	31.5	99.7	99.7	7.3	7.3	5.2	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 25 November 21 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		
IM9	Fine	Calm	15:06	7.2	Surface	1.0	0.2	43	22.6	22.6	8.2	8.2	30.9	30.9	99.1	99.2	7.2	7.2	2.0	2.0	4	4	822076	808798
						1.0	0.2	43	22.6	8.2	8.2	30.9	30.9	99.1	99.2	7.2	7.2	2.1	2.1	5				
						3.6	0.2	61	22.4	22.4	8.2	8.2	31.0	31.0	99.2	99.2	7.2	7.2	3.1	3.1	4			
					3.6	0.2	61	22.3	22.3	8.2	8.2	31.1	31.1	99.1	99.1	7.2	7.2	3.2	3.2	4				
					6.2	0.2	48	22.1	22.1	8.2	8.2	31.2	31.2	98.6	98.6	7.2	7.2	4.7	4.7	4				
					6.2	0.2	51	22.0	22.0	8.2	8.2	31.3	31.3	98.3	98.3	7.2	7.2	4.6	4.6	3				
IM10	Fine	Calm	15:13	7.6	Surface	1.0	0.3	85	22.6	22.6	8.2	8.2	31.5	31.5	99.3	99.3	7.2	7.2	1.6	1.6	3	3	822361	809796
						1.0	0.3	85	22.6	22.6	8.2	8.2	31.5	31.5	99.2	99.2	7.2	7.2	1.6	1.6	3			
						3.8	0.2	70	22.4	22.4	8.2	8.2	31.8	31.8	99.2	99.2	7.2	7.2	2.9	2.9	3			
					3.8	0.3	73	22.4	22.4	8.2	8.2	31.9	31.9	99.4	99.4	7.2	7.2	2.8	2.8	3				
					6.6	0.1	50	22.1	22.1	8.2	8.2	32.0	32.0	100.6	100.6	7.3	7.3	3.8	3.8	4				
					6.6	0.1	50	22.0	22.0	8.2	8.2	31.9	31.9	101.0	101.0	7.4	7.4	3.7	3.7	4				
IM11	Fine	Calm	15:23	7.8	Surface	1.0	0.1	41	22.7	22.7	8.2	8.2	32.2	32.2	99.0	99.0	7.1	7.1	2.7	2.7	3	4	822049	811459
						1.0	0.1	44	22.7	22.7	8.2	8.2	32.2	32.2	99.0	99.0	7.1	7.1	2.6	2.6	3			
						3.9	0.1	49	22.6	22.6	8.2	8.2	32.2	32.2	99.3	99.3	7.1	7.1	3.3	3.3	3			
					3.9	0.1	49	22.6	22.6	8.2	8.2	32.2	32.2	99.4	99.4	7.1	7.1	3.3	3.3	4				
					6.8	0.1	20	22.2	22.2	8.2	8.2	32.5	32.5	98.8	98.8	7.1	7.1	4.4	4.4	5				
					6.8	0.1	21	22.1	22.1	8.2	8.2	32.6	32.6	98.6	98.6	7.1	7.1	4.3	4.3	5				
IM12	Fine	Calm	15:30	9.6	Surface	1.0	0.2	136	22.7	22.7	8.2	8.2	32.2	32.2	97.9	98.0	7.0	7.0	1.6	1.6	7	7	821481	812028
						1.0	0.2	136	22.7	22.7	8.2	8.2	32.2	32.2	98.0	98.0	7.0	7.0	1.6	1.6	8			
						4.8	0.2	144	22.7	22.7	8.2	8.2	32.2	32.2	98.6	98.6	7.1	7.1	2.4	2.4	7			
					4.8	0.2	155	22.6	22.6	8.2	8.2	32.2	32.2	98.6	98.6	7.1	7.1	2.5	2.5	7				
					8.6	0.1	165	22.3	22.3	8.2	8.2	32.4	32.5	98.4	98.4	7.1	7.1	3.3	3.3	6				
					8.6	0.1	166	22.2	22.2	8.2	8.2	32.5	32.5	98.4	98.4	7.1	7.1	3.2	3.2	6				
SR1A	Fine	Calm	16:35	4.8	Surface	1.0	-	-	22.8	22.8	8.1	8.1	32.0	32.0	99.5	99.5	7.1	7.1	3.1	3.1	5	6	819981	812663
						1.0	-	-	22.8	22.8	8.1	8.1	32.0	32.0	99.5	99.5	7.1	7.1	3.1	3.1	5			
						2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					3.8	-	-	22.9	22.9	8.1	8.1	31.9	31.9	99.9	99.9	7.1	7.1	4.2	4.2	7				
					3.8	-	-	22.9	22.9	8.1	8.1	31.9	31.9	99.9	99.9	7.1	7.1	4.1	4.1	7				
SR2	Fine	Calm	16:49	4.0	Surface	1.0	0.2	81	22.7	22.7	8.1	8.1	32.2	32.2	96.8	96.8	6.9	6.9	3.7	3.7	7	7	821444	814158
						1.0	0.2	83	22.7	22.7	8.1	8.1	32.2	32.2	96.8	96.8	6.9	6.9	3.6	3.6	7			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					3.0	0.1	68	22.7	22.7	8.1	8.1	32.2	32.2	96.8	96.9	6.9	6.9	4.7	4.7	7				
					3.0	0.1	68	22.7	22.7	8.1	8.1	32.2	32.2	96.9	96.9	6.9	6.9	4.8	4.8	7				
SR3	Fine	Calm	14:56	8.8	Surface	1.0	0.0	181	22.6	22.6	8.3	8.3	31.0	31.0	100.2	100.3	7.2	7.2	5.1	5.1	5	5	822169	807552
						1.0	0.0	188	22.6	22.6	8.3	8.3	31.0	31.0	100.3	100.3	7.2	7.2	5.1	5.1	5			
						4.4	0.0	354	22.6	22.6	8.3	8.3	31.0	31.0	100.4	100.5	7.3	7.3	6.8	6.8	5			
					4.4	0.0	357	22.5	22.5	8.3	8.3	31.1	31.1	100.5	100.5	7.3	7.3	6.7	6.7	4				
					7.8	0.1	73	22.2	22.2	8.3	8.3	31.3	31.3	101.0	101.1	7.3	7.3	7.2	7.2	4				
					7.8	0.1	73	22.2	22.2	8.3	8.3	31.3	31.3	101.2	101.2	7.4	7.4	7.1	7.1	4				
SR4A	Sunny	Calm	16:16	9.0	Surface	1.0	0.1	74	22.2	22.2	8.3	8.3	32.1	32.1	102.8	102.8	7.4	7.4	1.4	1.4	3	4	817168	807802
						1.0	0.1	79	22.2	22.2	8.3	8.3	32.1	32.1	102.8	102.8	7.4	7.4	1.4	1.4	3			
						4.5	0.1	65	22.1	22.1	8.3	8.3	32.2	32.2	101.3	101.3	7.3	7.3	2.5	2.5	4			
					4.5	0.1	68	22.1	22.1	8.3	8.3	32.2	32.2	101.3	101.3	7.3	7.3	2.6	2.6	4				
					8.0	0.2	77	22.0	22.0	8.3	8.3	32.4	32.4	98.7	98.7	7.2	7.2	3.1	3.1	5				
					8.0	0.2	78	22.0	22.0	8.3	8.3	32.4	32.4	98.7	98.7	7.2	7.2	3.1	3.1	5				
SR5A	Sunny	Calm	16:31	3.8	Surface	1.0	0.1	211	21.8	21.8	8.2	8.2	31.8	31.8	95.8	95.8	7.0	7.0	3.4	3.4	5	4	816601	810719
						1.0	0.1	230	21.8	21.8	8.2	8.2	31.8	31.8	95.7	95.7	7.0	7.0	3.4	3.4	4			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					2.8	0.1	241	21.7	21.7	8.2	8.2	31.8	31.8	94.1	94.1	6.9	6.9	5.2	5.2	4				
					2.8	0.1	255	21.7	21.7	8.2	8.2	31.8	31.8	94.1	94.1	6.9	6.9	5.2	5.2	3				
SR6A	Sunny	Calm	16:59	3.4	Surface	1.0	0.0	162	22.1	22.1	8.3	8.3	31.4	31.4	105.9	105.9	7.7	7.7	3.4	3.4	4	6	817976	814743
						1.0	0.0	173	22.1	22.1	8.3	8.3	31.4	31.4	105.9	105.9	7.7	7.7	3.3	3.3	4			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					2.4	0.0	90	22.1	22.1	8.3	8.3	31.4	31.4	104.9	104.9	7.6	7.6	4.3	4.3	7				
					2.4	0.0	96	22.1	22.1	8.3	8.3	31.4	31.4	104.9	104.9	7.6	7.6	4.3	4.3	7				
SR7	Fine	Calm	17:43	16.0	Surface	1.0	0.0	182	23.4	23.4	8.0	8.0	32.7	32.7	91.5	91.5	6.5	6.5	4.1	4.1	5	6	823658	823761
						1.0	0.0	192	23.4	23.4	8.0	8.0	32.7	32.7	91.5	91.5	6.5	6.5	4.2	4.2	5			
						8.0	0.0	13	23.4	23.4	8.0	8.0	32.7	32.7	91.6	91.6	6.5	6.5	5.5	5.5	6			
					8.0	0.0	13	23.4	23.4	8.0	8.0	32.7	32.7	91.6	91.6	6.5	6.5	5.6	5.6	6				
					15.0	0.0	12	23.4	23.4	8.0	8.0	32.7	32.7	91.8	91.8	6.5	6.5	6.2	6.2	7				
					15.0	0.0	12	23.3	23.3	8.0	8.0	32.7	32.7	91.8	91.8	6.5	6.5	6.2	6.2	7				
SR8	Fine	Calm	15:38	4.6	Surface	1.0	-	-	22.8	22.8	8.1	8.1	32.1	32.1	99.4	99.3	7.1	7.1	2.5	2.5	3	5	820369	811604
						1.0	-	-	22.7	22.7	8.1	8.1	32.1	32.1	99.2	99.2	7.1	7.1	2.5	2.5	4			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					3.6	-	-	22.6	22.7	8.1	8.1	32.1	32.1	98.8	98.9	7.1	7.1	3.4	3.4	7				

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

Water Quality Monitoring Results on 27 November 21 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	05:11	7.7	Surface	1.0	0.3	51	22.5	22.5	8.1	8.1	33.5	33.5	99.6	99.6	7.1	7.1	7.8	5	5	815599	804228								
						1.0	0.3	53	22.5	8.1	8.1	33.5	33.5	99.6	99.6	7.1	7.1	8.1	5												
						3.9	0.3	34	22.5	8.1	8.1	33.5	33.5	99.3	99.3	7.1	7.1	9.3	5												
					Middle	3.9	0.3	36	22.5	22.5	8.1	8.1	33.5	33.5	99.3	99.3	7.1	7.1	9.5	5											
						6.7	0.3	35	22.5	22.5	8.1	8.1	33.5	33.5	99.1	99.1	7.1	7.1	11.8	6											
						6.7	0.3	35	22.5	22.5	8.1	8.1	33.5	33.5	99.1	99.1	7.1	7.1	11.9	6											
					C2	Fine	Calm	07:16	11.6	Surface	1.0	0.6	191	22.3	22.3	7.5	7.5	29.6	29.6	95.4				95.3	7.0	7.0	2.8	3	4	825698	806955
											1.0	0.6	191	22.3	22.3	7.5	7.5	29.5	29.5	95.2				95.2	7.0	7.0	2.8	4			
											5.8	0.6	195	22.4	22.4	7.5	7.5	31.6	31.6	94.9				94.9	6.9	6.9	4.1	4			
Middle	5.8	0.6	197	22.4						22.4	7.5	7.5	31.6	31.6	94.9	94.9	6.9	6.9	4.1	4											
	10.6	0.5	193	22.3						22.3	7.5	7.6	31.6	31.6	94.9	95.0	6.9	6.9	5.2	4											
	10.6	0.5	196	22.3						22.3	7.7	7.6	31.6	31.6	95.0	95.0	6.9	6.9	5.2	5											
C3	Fine	Calm	05:01	11.0						Surface	1.0	0.3	83	22.7	22.7	7.6	7.6	32.5	32.5	91.0	91.0	6.5	6.5	3.0	3	3	822089	817823			
											1.0	0.3	87	22.7	22.7	7.6	7.6	32.5	32.5	91.0	91.0	6.5	6.5	3.1	2						
											5.5	0.2	61	22.7	22.7	7.6	7.6	32.6	32.6	91.1	91.1	6.5	6.5	4.8	3						
					Middle	5.5	0.3	62	22.6	22.6	7.6	7.6	32.6	32.6	91.1	91.1	6.5	6.5	4.9	3											
						10.0	0.2	53	22.6	22.6	7.6	7.6	32.5	32.5	91.2	91.2	6.5	6.5	5.2	3											
						10.0	0.3	53	22.6	22.6	7.6	7.6	32.6	32.6	91.2	91.2	6.5	6.5	5.1	4											
					IM1	Cloudy	Moderate	05:31	5.1	Surface	1.0	0.1	32	22.6	22.6	8.1	8.1	33.6	33.6	99.3	99.3	7.1	7.1	6.9	4				6	817947	807143
											1.0	0.1	32	22.6	22.6	8.1	8.1	33.6	33.6	99.3	99.3	7.1	7.1	6.9	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	4.1	0.0	63	22.6						22.6	8.1	8.1	33.6	33.6	98.9	98.9	7.0	7.0	8.9	7											
	4.1	0.0	67	22.6						22.6	8.1	8.1	33.6	33.6	98.9	98.9	7.0	7.0	9.0	7											
IM2	Cloudy	Moderate	05:38	6.8						Surface	1.0	0.2	332	22.3	22.3	8.1	8.1	33.3	33.3	99.7	99.7	7.2	7.2	7.1	7	7	818155	806178			
											1.0	0.3	305	22.3	22.3	8.1	8.1	33.3	33.3	99.7	99.7	7.2	7.2	7.1	8						
											3.4	0.2	329	22.2	22.2	8.1	8.1	33.4	33.4	99.6	99.6	7.1	7.1	7.9	7						
					Middle	3.4	0.2	359	22.2	22.2	8.1	8.1	33.4	33.4	99.6	99.6	7.1	7.1	8.2	7											
						5.8	0.2	319	22.2	22.2	8.1	8.1	33.4	33.4	100.0	100.0	7.2	7.2	9.0	7											
						5.8	0.2	339	22.2	22.2	8.1	8.1	33.4	33.4	100.0	100.0	7.2	7.2	9.0	7											
					IM3	Cloudy	Moderate	05:44	6.9	Surface	1.0	0.3	1	22.3	22.3	8.1	8.1	33.3	33.3	99.1	99.1	7.1	7.1	8.6	7				8	818806	805595
											1.0	0.3	1	22.3	22.3	8.1	8.1	33.3	33.3	99.1	99.1	7.1	7.1	8.1	7						
											3.5	0.2	354	22.2	22.2	8.1	8.1	33.3	33.3	98.8	98.8	7.1	7.1	10.9	8						
Middle	3.5	0.3	326	22.2						22.2	8.1	8.1	33.3	33.3	98.8	98.8	7.1	7.1	10.3	8											
	5.9	0.2	356	22.2						22.2	8.1	8.1	33.2	33.2	98.7	98.7	7.1	7.1	12.2	10											
	5.9	0.2	358	22.2						22.2	8.1	8.1	33.2	33.2	98.7	98.7	7.1	7.1	12.0	10											
IM4	Cloudy	Moderate	05:54	8.0						Surface	1.0	0.2	16	22.1	22.1	8.1	8.1	32.9	32.9	101.1	101.1	7.3	7.3	6.2	8	6	819730	804628			
											1.0	0.2	16	22.1	22.1	8.1	8.1	32.9	32.9	101.1	101.1	7.3	7.3	6.2	6						
											4.0	0.3	2	22.1	22.1	8.1	8.1	33.0	33.0	100.9	100.9	7.3	7.3	6.5	7						
					Middle	4.0	0.3	2	22.1	22.1	8.1	8.1	33.0	33.0	100.9	100.9	7.3	7.3	6.6	6											
						7.0	0.2	20	22.1	22.1	8.1	8.1	33.0	33.0	100.5	100.5	7.2	7.2	7.4	6											
						7.0	0.2	20	22.1	22.1	8.1	8.1	33.0	33.0	100.5	100.5	7.2	7.2	7.6	5											
					IM5	Cloudy	Moderate	06:02	7.7	Surface	1.0	0.5	351	22.1	22.1	8.1	8.1	32.8	32.8	101.2	101.2	7.3	7.3	8.2	7				6	820748	804844
											1.0	0.5	323	22.1	22.1	8.1	8.1	32.8	32.8	101.1	101.1	7.3	7.3	8.2	7						
											3.9	0.4	357	22.1	22.1	8.1	8.1	32.9	32.9	100.4	100.4	7.2	7.2	9.2	6						
Middle	3.9	0.5	357	22.1						22.1	8.1	8.1	32.9	32.9	100.4	100.4	7.2	7.2	9.4	5											
	6.7	0.4	358	22.1						22.1	8.1	8.1	32.9	32.9	100.2	100.2	7.2	7.2	10.3	5											
	6.7	0.4	329	22.1						22.1	8.1	8.1	32.9	32.9	100.2	100.2	7.2	7.2	10.4	5											
IM6	Cloudy	Moderate	06:10	7.0						Surface	1.0	0.0	21	22.0	22.0	8.1	8.1	32.2	32.2	102.2	102.2	7.4	7.4	7.0	5	5	821080	805810			
											1.0	0.0	21	22.0	22.0	8.1	8.1	32.2	32.2	102.1	102.1	7.4	7.4	7.1	5						
											3.5	0.1	357	22.0	22.0	8.1	8.1	32.3	32.3	101.7	101.7	7.4	7.4	7.9	5						
					Middle	3.5	0.1	328	22.0	22.0	8.1	8.1	32.3	32.3	101.6	101.6	7.4	7.4	8.0	4											
						6.0	0.1	342	22.0	22.0	8.1	8.1	32.3	32.3	101.5	101.5	7.4	7.4	8.3	4											
						6.0	0.1	315	22.0	22.0	8.1	8.1	32.3	32.3	101.5	101.5	7.4	7.4	8.3	4											
					IM7	Cloudy	Moderate	06:18	7.8	Surface	1.0	0.1	274	22.0	22.0	8.1	8.1	31.6	31.6	103.3	103.3	7.5	7.5	5.4	7				7	821372	806816
											1.0	0.1	295	22.0	22.0	8.1	8.1	31.7	31.7	103.2	103.2	7.5	7.5	5.6	7						
											3.9	0.1	325	22.0	22.0	8.1	8.1	32.3	32.3	102.3	102.3	7.4	7.4	8.2	7						
Middle	3.9	0.1	343	22.0						22.0	8.1	8.1	32.3	32.3	102.2	102.2	7.4	7.4	8.4	7											
	6.8	0.1	41	22.0						22.0	8.1	8.1	32.4	32.4	102.4	102.4	7.4	7.4	9.1	8											
	6.8	0.1	44	22.0						22.0	8.1	8.1	32.4	32.4	102.4	102.4	7.4	7.4	9.1	8											
IM8	Fine	Calm	06:42	7.4						Surface	1.0	0.5	169	21.9	21.9	8.0	8.0	30.7	30.7	95.7	95.7	7.0	7.0	1.9	4	3	821850	808147			
											1.0	0.6	171	21.9	21.9	8.0	8.0	30.8	30.8	95.6	95.6	7.0	7.0	1.9	4						
											3.7	0.5	176	22.0	22.0	8.0	8.0	31.3	31.3	95.3	95.3	6.9	6.9	2.6	3						
					Middle	3.7	0.5	189	22.0	22.0	8.0	8.0	31.4	31.4	95.3	95.3	6.9	6.9	2.7	3											
						6.4	0.3	232	22.1	22.1	8.0	8.0	31.5	31.5	95.7	95.7	7.0	7.0	3.5	3											
						6.4	0.3	246	22.1	22.1	8.0	8.0	31.3	31.3	95.9	95.9	7.0	7.0	3.5	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 27 November 21 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									
IM9	Fine	Calm	06:35	6.8	Surface	1.0	0.1	262	22.2	22.2	8.0	8.0	32.3	32.3	94.6	94.6	6.8	6.8	1.4	3	4	822078	808794								
						1.0	0.1	263	22.2	8.0	8.0	32.3	32.3	94.5	94.5	6.8	6.8	1.5	3												
						3.4	0.1	223	22.2	8.0	8.0	32.3	32.3	94.3	94.3	6.8	6.8	2.8	4												
					Middle	3.4	0.1	243	22.2	22.2	8.0	8.0	32.3	32.3	94.3	94.3	6.8	6.8	2.8	4											
						5.8	0.1	261	22.1	22.2	8.0	8.0	32.3	32.3	94.1	94.2	6.8	6.8	3.6	6											
						5.8	0.1	285	22.2	22.2	8.0	8.0	32.3	32.3	94.2	94.2	6.8	6.8	3.6	5											
					IM10	Fine	Calm	06:26	7.6	Surface	1.0	0.3	181	22.2	22.2	7.9	7.9	32.2	32.2	94.9				94.9	6.9	6.9	1.4	4	4	822367	809797
											1.0	0.3	183	22.2	22.2	7.9	7.9	32.2	32.2	94.8				94.8	6.9	6.9	1.5	4			
											3.8	0.3	161	22.2	22.2	7.9	7.9	32.2	32.2	94.7				94.7	6.8	6.8	2.6	4			
Middle	3.8	0.3	163	22.2						22.2	7.9	7.9	32.2	32.2	94.7	94.7	6.8	6.8	2.7	4											
	6.6	0.2	154	22.2						22.2	7.9	7.9	32.2	32.2	94.6	94.7	6.8	6.9	3.0	3											
	6.6	0.2	159	22.2						22.2	7.9	7.9	32.2	32.2	94.7	94.7	6.9	6.9	3.1	4											
IM11	Fine	Calm	06:14	8.0						Surface	1.0	0.3	160	22.3	22.3	7.9	7.9	32.3	32.3	94.2	94.2	6.8	6.8	2.1	4	5	822080	811475			
											1.0	0.4	171	22.3	22.2	7.9	7.9	32.3	32.3	94.1	94.1	6.8	6.8	2.1	4						
											4.0	0.2	149	22.2	22.2	7.9	7.9	32.3	32.3	93.8	93.8	6.8	6.8	2.3	4						
					Middle	4.0	0.2	161	22.2	22.2	7.9	7.9	32.3	32.3	93.8	93.8	6.8	6.8	2.3	5											
						7.0	0.2	143	22.2	22.2	7.9	7.9	32.3	32.3	93.6	93.7	6.8	6.8	2.9	5											
						7.0	0.2	148	22.2	22.2	7.9	7.9	32.3	32.3	93.7	93.7	6.8	6.8	3.0	5											
					IM12	Fine	Calm	06:00	8.2	Surface	1.0	0.2	126	22.2	22.2	7.9	7.9	32.3	32.3	94.7	94.7	6.8	6.8	1.0	4				5	821452	812041
											1.0	0.2	128	22.2	22.2	7.9	7.9	32.3	32.3	94.6	94.6	6.8	6.8	1.0	4						
											4.1	0.2	115	22.2	22.2	7.9	7.9	32.3	32.3	94.6	94.6	6.8	6.8	2.0	5						
Middle	4.1	0.2	122	22.2						22.2	7.9	7.9	32.3	32.3	94.6	94.6	6.8	6.8	2.0	5											
	7.2	0.2	123	22.2						22.2	7.9	7.9	32.3	32.3	94.6	94.6	6.8	6.8	2.9	6											
	7.2	0.2	131	22.2						22.2	7.9	7.9	32.3	32.3	94.6	94.6	6.8	6.8	2.9	6											
SR1A	Fine	Calm	05:39	5.0						Surface	1.0	-	-	22.2	22.2	8.2	8.2	32.0	32.0	95.6	95.6	6.9	6.9	1.3	2	3	819977	812658			
											1.0	-	-	22.2	22.2	8.2	8.2	32.0	32.0	95.6	95.6	6.9	6.9	1.3	2						
											2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						4.0	-	-	22.2	22.2	8.2	8.2	32.0	32.0	95.6	95.6	6.9	6.9	2.3	4											
						4.0	-	-	22.2	22.2	8.2	8.2	32.0	32.0	95.6	95.6	6.9	6.9	2.3	4											
					SR2	Fine	Calm	05:27	4.2	Surface	1.0	0.3	65	22.3	22.3	7.9	7.9	32.3	32.3	92.2	92.2	6.7	6.7	4.5	3				3	821453	814145
											1.0	0.3	67	22.3	22.3	7.9	7.9	32.3	32.3	92.2	92.2	6.7	6.7	4.3	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-											
	3.2	0.1	43	22.3						22.3	7.9	7.9	32.3	32.3	92.1	92.2	6.6	6.7	5.0	2											
	3.2	0.2	45	22.3						22.3	8.0	8.0	32.3	32.3	92.2	92.2	6.7	6.7	5.1	2											
SR3	Fine	Calm	06:49	8.6						Surface	1.0	0.5	232	22.3	22.3	8.0	8.0	31.9	32.0	94.7	94.7	6.8	6.8	2.5	4	4	822166	807565			
											1.0	0.5	253	22.3	22.3	8.0	8.0	32.0	32.0	94.6	94.6	6.8	6.8	2.4	4						
											4.3	0.4	244	22.2	22.2	8.0	8.0	32.3	32.3	94.3	94.3	6.8	6.8	4.0	4						
					Middle	4.3	0.4	246	22.2	22.2	8.0	8.0	32.3	32.3	94.3	94.3	6.8	6.8	3.9	4											
						7.6	0.4	265	22.2	22.2	8.0	8.0	32.3	32.3	94.4	94.4	6.8	6.8	4.8	3											
						7.6	0.4	290	22.2	22.2	8.0	8.0	32.3	32.3	94.4	94.4	6.8	6.8	4.7	3											
					SR4A	Cloudy	Moderate	04:52	9.0	Surface	1.0	0.4	221	22.5	22.5	8.1	8.1	33.4	33.4	99.7	99.7	7.1	7.1	5.1	7				7	817193	807806
											1.0	0.4	234	22.5	22.5	8.1	8.1	33.4	33.4	99.6	99.6	7.1	7.1	5.2	7						
											4.5	0.3	234	22.6	22.6	8.1	8.1	33.5	33.5	99.2	99.2	7.1	7.1	5.5	7						
Middle	4.5	0.3	241	22.6						22.6	8.1	8.1	33.5	33.5	99.2	99.2	7.1	7.1	5.5	6											
	8.0	0.2	210	22.5						22.5	8.1	8.1	33.5	33.5	98.8	98.8	7.0	7.0	5.8	6											
	8.0	0.2	225	22.5						22.5	8.1	8.1	33.5	33.5	98.8	98.8	7.0	7.0	5.8	6											
SR5A	Cloudy	Moderate	04:37	4.6						Surface	1.0	0.0	342	22.2	22.2	8.1	8.1	33.0	33.0	101.0	101.0	7.3	7.3	6.0	8	8	816580	810691			
											1.0	0.0	348	22.2	22.2	8.1	8.1	33.0	33.0	101.0	101.0	7.3	7.3	6.0	9						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
						3.6	0.0	354	22.3	22.3	8.1	8.1	33.1	33.1	101.2	101.3	7.3	7.3	6.5	8											
						3.6	0.0	359	22.3	22.3	8.1	8.1	33.1	33.1	101.3	101.3	7.3	7.3	6.5	8											
					SR6A	Cloudy	Moderate	04:10	4.5	Surface	1.0	0.1	22	22.6	22.6	8.1	8.1	32.5	32.5	105.9	105.9	7.6	7.6	9.5	7				8	817968	814737
											1.0	0.1	23	22.6	22.6	8.1	8.1	32.5	32.5	105.9	105.9	7.6	7.6	9.5	8						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-											
	3.5	0.0	12	22.6						22.6	8.1	8.1	32.5	32.5	105.6	105.6	7.6	7.6	12.3	8											
	3.5	0.0	12	22.6						22.6	8.1	8.1	32.5	32.5	105.6	105.6	7.6	7.6	12.3	8											
SR7	Fine	Calm	04:36	16.0						Surface	1.0	0.3	66	22.7	22.7	7.6	7.6	32.5	32.5	91.0	91.0	6.5	6.5	1.4	4	4	823648	823730			
											1.0	0.3	68	22.7	22.7	7.6	7.6	32.5	32.5	91.0	91.0	6.5	6.5	1.4	4						
											8.0	0.3	65	22.7	22.7	7.6	7.6	32.6	32.6	91.1	91.1	6.5	6.5	2.8	4						
					Middle	8.0	0.3	65	22.6	22.6	7.6	7.6	32.5	32.5	91.1	91.1	6.5	6.5	2.7	4											
						15.0	0.4	67	22.6	22.6	7.6	7.6	32.5	32.5	91.2	91.2	6.5	6.5	3.7	3											
						15.0	0.4	70	22.6	22.6	7.6	7.6	32.5	32.5	91.1	91.1	6.5	6.5	3.6	3											
					SR8	Fine	Calm	05:46	5.0	Surface	1.0	-	-	22.1	22.1	7.9	7.9	32.3	32.3	94.1	94.1	6.8	6.8	6.2	3				3	820373	811623
											1.0	-	-	22.1	22.1	7.9	7.9	32.3	32.3	94.0	94.0	6.8	6.8	6.1	3						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-											
	4.0	-	-	22.1						22.1	7.9	7.9	32.3	32.3	93.7	93.7	6.8	6.8	7.0	4											
	4.0	-	-	22.1						22.1	7.9	7.9	32.3	32.3	93.6	93.6	6.8	6.8	7.0	3											

DA: Depth-Averaged
Calm: Small or no wave; Moderate: Between calm and rough; Rough: While 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 November 21 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	17:23	8.5	Surface	1.0	0.9	312	22.5	22.5	8.1	8.1	33.5	33.5	100.2	100.2	7.2	7.1	7.6	8.5	8	815610	804263		
						1.0	0.9	329	22.5		8.1	8.1	33.5	33.5	100.1	100.1	7.1		7.8						
						4.3	0.6	321	22.4		8.1	8.1	33.6	33.6	99.7	99.7	7.1		9.0						
					Middle	4.3	0.7	352	22.4	22.4	8.1	8.1	33.6	33.6	99.8	99.8	7.1	9.7							
						7.5	0.7	318	22.4		8.1	8.1	33.5	33.5	99.9	99.9	7.1	9.0							
						7.5	0.8	331	22.4		8.1	8.1	33.5	33.5	100.0	100.0	7.1	8.0							
C2	Fine	Calm	16:26	11.4	Surface	1.0	0.6	50	22.3	22.3	8.0	8.0	31.2	31.3	95.6	95.6	6.9	6.9	1.0	1.7	3	825683	806940		
						1.0	0.6	54	22.3		8.0	8.0	31.3	31.3	95.5	95.5	6.9		1.0						
						5.7	0.5	46	22.4		7.9	7.9	31.7	31.7	94.9	94.9	6.9		1.5						
					Middle	5.7	0.5	49	22.4	22.4	7.9	7.9	31.7	31.7	94.9	94.9	6.9	1.5							
						10.4	0.3	39	22.4		7.9	7.9	31.7	31.7	95.0	95.0	6.9	2.6							
						10.4	0.3	39	22.4		8.0	8.0	31.7	31.7	95.2	95.2	6.9	2.7							
C3	Fine	Calm	18:34	12.0	Surface	1.0	0.3	253	23.0	23.0	8.2	8.2	32.4	32.4	93.7	93.7	6.7	6.7	1.5	2.6	4	822122	817789		
						1.0	0.3	275	23.0		8.2	8.2	32.4	32.4	93.7	93.7	6.7		1.5						
						6.0	0.3	250	23.0		8.2	8.2	32.4	32.4	94.1	94.1	6.7		2.8						
					Middle	6.0	0.3	252	23.0	23.0	8.2	8.2	32.4	32.4	94.2	94.2	6.7	2.7							
						11.0	0.3	249	23.0		8.2	8.2	32.4	32.4	95.2	95.2	6.8	3.5							
						11.0	0.3	258	22.9		8.2	8.2	32.4	32.4	95.6	95.6	6.8	3.5							
IM1	Cloudy	Moderate	17:03	5.0	Surface	1.0	0.2	352	22.7	22.7	8.1	8.1	33.5	33.5	103.2	103.1	7.3	7.3	6.7	7.6	5	817932	807138		
						1.0	0.2	324	22.7		8.1	8.1	33.5	33.5	102.9	102.9	7.3		7.0						
						-	-	-	-		-	-	-	-	-	-	-		-						
					Middle	-	-	-	-	22.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						4.0	0.1	346	22.7		8.1	8.1	33.4	33.4	101.6	101.7	7.2	8.2							
						4.0	0.1	318	22.7		8.1	8.1	33.4	33.4	101.7	101.7	7.2	8.4							
IM2	Cloudy	Moderate	16:56	6.2	Surface	1.0	1.1	300	22.5	22.5	8.1	8.1	33.4	33.4	102.0	102.0	7.3	7.3	7.2	7.9	7	818169	806146		
						1.0	1.2	327	22.5		8.1	8.1	33.4	33.4	102.0	102.0	7.3		7.2						
						3.1	1.1	317	22.4		8.1	8.1	33.3	33.3	101.7	101.7	7.3		7.9						
					Middle	3.1	1.1	324	22.3	22.4	8.1	8.1	33.3	33.3	101.6	101.6	7.3	8.4							
						5.2	0.9	295	22.3		8.1	8.1	33.3	33.3	101.5	101.6	7.3	8.6							
						5.2	1.0	309	22.3		8.1	8.1	33.3	33.3	101.6	101.6	7.3	8.1							
IM3	Cloudy	Moderate	16:50	7.4	Surface	1.0	1.2	169	22.3	22.3	8.1	8.1	33.2	33.2	100.8	100.8	7.2	7.2	5.7	20.2	5	818771	805573		
						1.0	1.3	171	22.3		8.1	8.1	33.2	33.2	100.7	100.7	7.2		5.8						
						3.7	1.1	171	22.3		8.1	8.1	33.2	33.2	100.1	100.1	7.2		8.2						
					Middle	3.7	1.2	180	22.3	22.3	8.1	8.1	33.2	33.2	100.1	100.1	7.2	9.4							
						6.4	1.2	162	22.2		8.1	8.1	33.2	33.2	100.3	100.3	7.2	46.1							
						6.4	1.2	173	22.2		8.1	8.1	33.2	33.2	100.3	100.3	7.2	46.1							
IM4	Cloudy	Moderate	16:42	8.1	Surface	1.0	1.5	327	22.3	22.3	8.2	8.2	32.8	32.8	104.5	104.5	7.5	7.5	6.5	7.6	5	819729	804617		
						1.0	1.6	333	22.3		8.2	8.2	32.9	32.9	104.5	104.5	7.5		6.6						
						4.1	1.7	312	22.4		8.1	8.1	33.2	33.2	104.1	104.1	7.5		7.7						
					Middle	4.1	1.7	315	22.4	22.4	8.1	8.1	33.2	33.2	104.0	104.0	7.5	7.8							
						7.1	1.6	336	22.4		8.1	8.1	33.3	33.3	103.3	103.3	7.4	8.6							
						7.1	1.7	357	22.4		8.1	8.1	33.3	33.3	103.3	103.3	7.4	8.7							
IM5	Cloudy	Moderate	16:36	7.5	Surface	1.0	0.7	143	22.0	22.0	8.1	8.1	31.8	31.8	103.6	103.6	7.5	7.5	5.1	5.3	5	820721	804868		
						1.0	0.7	145	22.0		8.1	8.1	31.8	31.8	103.6	103.6	7.5		5.1						
						3.8	0.7	152	22.0		8.1	8.1	31.8	31.8	102.8	102.8	7.5		5.2						
					Middle	3.8	0.8	158	22.0	22.0	8.1	8.1	31.8	31.8	102.7	102.7	7.5	5.3							
						6.5	0.6	149	22.0		8.1	8.1	31.9	31.9	102.3	102.3	7.4	5.4							
						6.5	0.7	152	22.0		8.1	8.1	31.8	31.8	102.3	102.3	7.4	5.5							
IM6	Cloudy	Moderate	16:30	7.4	Surface	1.0	0.8	336	22.0	22.0	8.1	8.1	31.5	31.5	104.7	104.7	7.6	7.6	5.2	5.6	4	821071	805850		
						1.0	0.8	347	22.0		8.1	8.1	31.5	31.5	104.6	104.6	7.6		5.3						
						3.7	0.8	340	22.0		8.1	8.1	31.5	31.5	104.0	104.0	7.6		5.6						
					Middle	3.7	0.9	351	22.0	22.0	8.1	8.1	31.5	31.5	104.0	104.0	7.6	5.7							
						6.4	0.8	324	22.0		8.1	8.1	31.5	31.5	103.8	103.8	7.6	6.0							
						6.4	0.9	336	22.0		8.1	8.1	31.5	31.5	103.8	103.8	7.6	6.0							
IM7	Cloudy	Moderate	16:26	7.5	Surface	1.0	0.7	313	22.1	22.1	8.1	8.1	31.3	31.3	106.2	106.2	7.7	7.7	4.6	5.2	4	821342	806847		
						1.0	0.8	313	22.1		8.1	8.1	31.3	31.3	106.1	106.1	7.7		4.7						
						3.8	0.8	320	22.0		8.2	8.2	31.4	31.4	105.4	105.4	7.7		5.4						
					Middle	3.8	0.8	348	22.0	22.0	8.2	8.2	31.4	31.4	105.3	105.3	7.7	5.5							
						6.5	0.6	314	22.0		8.2	8.2	31.4	31.4	105.2	105.2	7.7	5.5							
						6.5	0.7	327	22.0		8.2	8.2	31.4	31.4	105.2	105.2	7.7	5.4							
IM8	Fine	Calm	16:50	7.4	Surface	1.0	0.4	258	22.4	22.4	8.2	8.2	31.5	31.5	98.2	98.2	7.1	7.1	3.0	4.1	3	821843	808158		
						1.0	0.4	264	22.4		8.2	8.2	31.5	31.5	98.1	98.1	7.1		3.1						
						3.7	0.3	261	22.4		8.2	8.2	31.6	31.6	97.8	97.8	7.1		4.2						
					Middle	3.7	0.3	280	22.3	22.4	8.2	8.2	31.6	31.6	97.8	97.8	7.1	4.1							
						6.4	0.3	271	22.4		8.2	8.2	31.6	31.6	97.7	97.7	7.1	5.1							
						6.4	0.3	273	22.4		8.2	8.2	31.5	31.5	97.8	97.8	7.1	5.1							

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 27 November 21 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		
IM9	Fine	Calm	16:57	7.2	Surface	1.0	0.3	270	22.5	22.5	8.2	8.2	31.7	31.7	98.7	98.7	7.1	7.1	5.1	2	3	822080	808813	
						1.0	0.3	289	22.5	8.2	8.2	31.7	31.7	98.7	98.7	7.1	7.1	5.0	2					
						3.6	0.2	284	22.4	8.2	8.2	31.8	31.8	98.6	98.6	7.1	7.1	6.8	2					
						3.6	0.2	309	22.4	8.2	8.2	31.8	31.8	98.6	98.6	7.1	7.1	6.8	2					
						6.2	0.2	206	22.0	8.2	8.2	32.1	32.1	98.9	98.9	7.2	7.2	7.2	3					
						6.2	0.2	217	22.0	8.2	8.2	32.1	32.1	99.1	99.1	7.2	7.2	7.1	4					
					Middle	22.4	8.2	8.2	31.8	31.8	98.6	98.6	7.1	7.1	6.8	6.8	6.3	3						
						22.4	8.2	8.2	31.8	31.8	98.6	98.6	7.1	7.1	6.8	6.8	6.3	3						
						22.0	8.2	8.2	32.1	32.1	98.9	98.9	7.2	7.2	7.2	7.2	3	3						
						22.0	8.2	8.2	32.1	32.1	99.1	99.1	7.2	7.2	7.1	7.1	3	3						
						22.4	8.2	8.2	32.2	32.2	97.1	97.1	7.0	7.0	1.6	1.6	3	3						
						22.4	8.2	8.2	32.2	32.2	97.1	97.1	7.0	7.0	1.6	1.6	3	3						
IM10	Fine	Calm	17:05	7.6	Surface	1.0	0.1	291	22.4	22.4	8.2	8.2	32.2	32.2	97.1	97.1	7.0	7.0	1.6	3	3	822403	809790	
						1.0	0.1	296	22.4	8.2	8.2	32.2	32.2	97.1	97.1	7.0	7.0	1.6	3					
						3.8	0.1	291	22.3	8.2	8.2	32.2	32.2	97.0	96.9	7.0	7.0	2.2	3					
						3.8	0.1	315	22.3	8.2	8.2	32.2	32.2	96.8	96.8	7.0	7.0	2.2	3					
						6.6	0.2	280	22.2	8.2	8.1	32.3	32.3	96.4	96.4	7.0	7.0	3.0	3					
						6.6	0.2	289	22.2	8.1	8.1	32.3	32.3	96.3	96.3	7.0	7.0	3.0	2					
					Middle	22.3	8.2	8.2	32.2	32.2	97.0	96.9	7.0	7.0	2.2	2.2	3	3						
						22.3	8.2	8.2	32.2	32.2	96.8	96.8	7.0	7.0	2.2	2.2	3	3						
						22.2	8.2	8.1	32.3	32.3	96.4	96.4	7.0	7.0	3.0	3.0	3	3						
						22.2	8.1	8.1	32.3	32.3	96.3	96.3	7.0	7.0	3.0	3.0	2	2						
						22.4	8.2	8.2	32.2	32.2	97.3	97.3	7.0	7.0	1.5	1.5	4	4						
						22.4	8.2	8.2	32.2	32.2	97.3	97.3	7.0	7.0	1.5	1.5	4	4						
IM11	Fine	Calm	17:16	7.8	Surface	1.0	0.1	225	22.4	22.4	8.2	8.2	32.2	32.2	97.3	97.3	7.0	7.0	1.5	4	3	822050	811452	
						1.0	0.1	232	22.4	8.2	8.2	32.2	32.2	97.3	97.3	7.0	7.0	1.5	4					
						3.9	0.2	249	22.4	8.1	8.2	32.2	32.2	96.9	96.9	7.0	7.0	2.7	3					
						3.9	0.2	249	22.4	8.2	8.2	32.2	32.2	96.8	96.8	7.0	7.0	2.6	3					
						6.8	0.1	239	22.5	8.2	8.2	32.2	32.2	96.6	96.6	7.0	7.0	3.0	2					
						6.8	0.1	260	22.5	8.2	8.2	32.2	32.2	96.5	96.5	6.9	6.9	3.1	2					
					Middle	22.4	8.1	8.2	32.2	32.2	96.9	96.9	7.0	7.0	2.7	2.7	3	3						
						22.4	8.2	8.2	32.2	32.2	96.8	96.8	7.0	7.0	2.6	2.6	3	3						
						22.5	8.2	8.2	32.2	32.2	96.6	96.6	7.0	7.0	3.0	3.0	2	2						
						22.5	8.2	8.2	32.2	32.2	96.5	96.5	6.9	6.9	3.1	3.1	2	2						
						22.4	8.3	8.3	32.3	32.3	96.3	96.2	6.9	6.9	2.0	2.0	4	4						
						22.4	8.3	8.3	32.3	32.3	96.1	96.1	6.9	6.9	2.1	2.1	4	4						
IM12	Fine	Calm	17:24	9.6	Surface	1.0	0.2	222	22.4	22.4	8.3	8.3	32.3	32.3	96.3	96.2	6.9	6.9	2.0	4	3	821480	812052	
						1.0	0.3	239	22.4	8.3	8.3	32.3	32.3	96.1	96.1	6.9	6.9	2.1	4					
						4.8	0.2	229	22.4	8.2	8.2	32.2	32.2	96.1	96.1	6.9	6.9	3.9	3					
						4.8	0.3	247	22.4	8.2	8.2	32.2	32.2	96.1	96.1	6.9	6.9	3.9	3					
						8.6	0.2	260	22.6	8.1	8.1	32.2	32.1	96.2	96.2	6.9	6.9	4.2	3					
						8.6	0.2	284	22.6	8.1	8.1	32.1	32.1	96.2	96.2	6.9	6.9	4.2	3					
					Middle	22.4	8.2	8.2	32.2	32.2	96.1	96.1	6.9	6.9	3.9	3.9	3	3						
						22.4	8.2	8.2	32.2	32.2	96.1	96.1	6.9	6.9	3.9	3.9	3	3						
						22.6	8.1	8.1	32.2	32.1	96.2	96.2	6.9	6.9	4.2	4.2	3	3						
						22.6	8.1	8.1	32.1	32.1	96.2	96.2	6.9	6.9	4.2	4.2	3	3						
						22.4	8.2	8.2	32.0	32.0	97.7	97.7	7.0	7.0	7.1	7.1	3	3						
						22.4	8.2	8.2	32.0	32.0	97.7	97.7	7.0	7.0	7.1	7.1	2	2						
SR1A	Fine	Calm	17:54	4.8	Surface	1.0	-	-	22.4	22.4	8.2	8.2	32.0	32.0	97.7	97.7	7.0	7.0	7.1	3	3	819975	812656	
						1.0	-	-	22.4	8.2	8.2	32.0	32.0	97.7	97.7	7.0	7.0	7.1	2					
						2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						2.4	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.8	-	-	22.4	22.4	8.2	8.1	32.0	32.0	97.5	97.5	7.0	7.0	8.0	4				
						3.8	-	-	22.4	22.4	8.1	8.1	32.0	32.0	97.4	97.4	7.0	7.0	8.0	4				
					Middle	22.4	8.2	8.2	32.0	32.0	97.7	97.7	7.0	7.0	7.1	7.1	3	3						
						22.4	8.2	8.2	32.0	32.0	97.7	97.7	7.0	7.0	7.1	7.1	2	2						
						22.4	8.2	8.2	32.0	32.0	97.5	97.5	7.0	7.0	8.0	8.0	4	4						
						22.4	8.2	8.2	32.0	32.0	97.5	97.5	7.0	7.0	8.0	8.0	4	4						
						22.4	8.2	8.2	32.0	32.0	97.5	97.5	7.0	7.0	8.0	8.0	4	4						
						22.4	8.2	8.2	32.0	32.0	97.5	97.5	7.0	7.0	8.0	8.0	4	4						
SR2	Fine	Calm	18:07	4.0	Surface	1.0	0.2	315	22.6	22.6	8.2	8.2	32.1	32.1	97.5	97.5	7.0	7.0	5.5	3	4	821466	814149	
						1.0	0.2	323	22.6	8.2	8.2	32.1	32.1	97.5	97.5	7.0	7.0	5.6	3					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.0	0.2	318	22.6	8.2	8.2	32.1	32.1	97.2	97.2	7.0	7.0	6.6	4					
						3.0	0.2	341	22.6	8.2	8.2	32.1	32.1	97.1	97.1	7.0	7.0	6.6	4					
					Middle	22.6	8.2	8.2	32.1	32.1	97.5	97.5	7.0	7.0	5.5	5.5	3	3						
						22.6	8.2	8.2	32.1	32.1	97.5	97.5	7.0	7.0	5.6	5.6	3	3						
						22.6	8.2	8.2	32.1	32.1	97.2	97.2	7.0	7.0	6.6	6.6	4	4						
						22.6	8.2	8.2	32.1	32.1	97.1	97.1	7.0	7.0	6.6	6.6	4	4						
						22.5	7.9	7.9	31.6	31.6	97.1	97.1	7.0	7.0	1.2	1.2	4	4						
						22.5	7.9	7.9	31.6	31.6	97.0	97.0	7.0	7.0	1.1	1.1	3	3						
SR3	Fine	Calm	16:44	8.8	Surface	1.0	0.4	237	22.5	22.5	7.9	7.9	31.6	31.6	97.1	97.1	7.0	7.0	1.2	4	3	822157	807589	
						1.0	0.4	238	22.5	7.9	7.9	31.6	31.6	97.0	97.0	7.0	7.0	1.1	3					
						4.4	0.3	250	22.5	7.9	7.9	31.7	31.7	96.9	96.9	7.0	7.0	1.9	3					
						4.4	0.3	267	22.5	7.9	7.9	31.7	31.7	96.9	96.9	7.0	7.0	1.9	3					
						7.8	0.3	274	22.5	7.9	8.0	31.8	31.8	96.8	96.8	7.0	7.0	2.1	3					
						7.8	0.3	292	22.5	8.1	8.0	31.8	31.8	96.8	96.8	7.0	7.0	2.1	3					
					Middle	22.5	7.9	7.9	31.6	31.6	97.1	97.1	7.0	7.0	1.2	1.2	4	4						
						22.5	7.9	7.9	31.6	31.6	97.0	97.0	7.0	7.0	1.1	1.1	3	3						
						22.5	7.9	7.9	31.7	31.7	96.9	96.9	7.0	7.0	1.9	1.9	3	3						
						22.5	7.9	7.9	31.7	31.7	96.9	96.9	7.0	7.0	1.9	1.9	3	3						
						22.5	7.9	8.0	31.8	31.8	96.8	96.8	7.0	7.0	2.1	2.1	3	3						
						22.5	8.1	8.0	31.8	31.8	96.8	96.8	7.0	7.0	2.1	2.1	3	3						
SR4A</																								

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 30 November 21 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	Misty	Moderate	08:47	7.4	Surface	1.0	0.2	192	22.8	22.8	8.1	8.1	33.8	33.8	100.8	100.8	7.1	7.1	5.6	5.6	5	815607	804268	
						1.0	0.3	197	22.8	8.1	8.1	33.8	33.8	100.8	100.8	7.1	7.1	5.7	5.7					
						3.7	0.3	182	22.8	8.1	8.1	33.8	33.8	100.6	100.6	7.1	7.1	6.6	6.6					
					Middle	3.7	0.3	197	22.8	8.1	8.1	33.8	33.8	100.6	100.6	7.1	7.1	6.6	6.6					
						6.4	0.2	212	22.8	8.1	8.1	33.8	33.8	100.8	100.8	7.1	7.1	7.1	7.1					
						6.4	0.3	232	22.8	8.1	8.1	33.8	33.8	100.8	100.8	7.1	7.1	7.0	7.0					
C2	Fine	Moderate	10:40	11.2	Surface	1.0	0.6	151	22.0	22.0	8.2	8.2	31.7	31.7	103.0	103.0	7.5	7.5	8.8	8.8	4	825665	806932	
						1.0	0.7	160	22.0	8.2	8.2	31.7	31.7	102.9	102.9	7.5	7.5	8.8	8.8					
						5.6	0.4	155	22.1	8.2	8.2	32.0	32.0	97.3	97.3	7.1	7.1	9.3	9.3					
					Middle	5.6	0.4	157	22.1	8.2	8.2	32.0	32.0	97.2	97.2	7.0	7.0	9.4	9.4					
						10.2	0.4	161	22.1	8.2	8.2	31.9	31.9	97.2	97.2	7.1	7.1	9.3	9.3					
						10.2	0.4	165	22.1	8.2	8.2	31.9	31.9	97.2	97.2	7.1	7.1	9.2	9.2					
C3	Fine	Moderate	08:05	11.9	Surface	1.0	0.1	69	22.3	22.3	8.2	8.2	32.5	32.5	89.9	89.9	6.5	6.5	8.3	8.3	3	822117	817822	
						1.0	0.2	70	22.3	8.2	8.2	32.5	32.5	89.9	89.9	6.5	6.5	8.3	8.3					
						6.0	0.2	59	22.3	8.2	8.2	32.5	32.5	90.1	90.2	6.5	6.5	8.3	8.3					
					Middle	6.0	0.2	62	22.3	8.2	8.2	32.5	32.5	90.2	90.2	6.5	6.5	8.2	8.2					
						10.9	0.2	62	22.3	8.2	8.2	32.5	32.5	91.2	91.3	6.6	6.6	8.3	8.3					
						10.9	0.2	66	22.3	8.2	8.2	32.5	32.5	91.3	91.3	6.6	6.6	8.3	8.3					
IM1	Misty	Moderate	09:07	4.8	Surface	1.0	0.1	193	22.6	22.6	8.1	8.1	33.3	33.3	107.2	107.2	7.6	7.6	5.2	5.2	6	817961	807114	
						1.0	0.1	203	22.6	8.1	8.1	33.3	33.3	107.1	107.1	7.6	7.6	5.2	5.2					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.8	0.1	191	22.6	8.1	8.1	33.3	33.3	106.8	106.8	7.6	7.6	6.1	6.1					
						3.8	0.1	198	22.6	8.1	8.1	33.3	33.3	106.7	106.7	7.6	7.6	6.1	6.1					
IM2	Misty	Moderate	09:14	6.6	Surface	1.0	0.1	174	22.5	22.5	8.1	8.1	33.3	33.3	107.1	107.1	7.7	7.7	4.2	4.2	7	818153	806166	
						1.0	0.1	190	22.5	8.1	8.1	33.3	33.3	107.0	107.1	7.6	7.6	4.2	4.2					
						3.3	0.1	173	22.5	8.1	8.1	33.3	33.3	106.6	106.6	7.6	7.6	5.4	5.4					
					Middle	3.3	0.1	173	22.5	8.1	8.1	33.3	33.3	106.5	106.5	7.6	7.6	5.5	5.5					
						5.6	0.1	172	22.5	8.1	8.1	33.2	33.2	105.9	105.9	7.6	7.6	6.5	6.5					
						5.6	0.1	185	22.5	8.1	8.1	33.2	33.2	105.8	105.8	7.6	7.6	6.4	6.4					
IM3	Misty	Moderate	09:20	6.6	Surface	1.0	0.2	156	22.5	22.5	8.1	8.1	33.2	33.2	106.8	106.8	7.6	7.6	2.7	2.7	8	818780	805601	
						1.0	0.2	162	22.5	8.1	8.1	33.2	33.2	106.8	106.8	7.6	7.6	2.6	2.6					
						3.3	0.2	153	22.5	8.1	8.1	33.2	33.2	106.5	106.5	7.6	7.6	3.7	3.7					
					Middle	3.3	0.2	156	22.5	8.1	8.1	33.2	33.2	106.4	106.4	7.6	7.6	3.6	3.6					
						5.6	0.1	156	22.5	8.1	8.1	33.2	33.2	106.1	106.1	7.6	7.6	4.8	4.8					
						5.6	0.1	156	22.5	8.1	8.1	33.2	33.2	106.0	106.0	7.6	7.6	4.9	4.9					
IM4	Misty	Moderate	09:31	8.2	Surface	1.0	0.7	183	22.4	22.4	8.1	8.1	32.3	32.3	105.6	105.6	7.6	7.6	5.2	5.2	6	819729	804589	
						1.0	0.7	200	22.4	8.1	8.1	32.3	32.3	105.5	105.5	7.6	7.6	5.3	5.3					
						4.1	0.6	185	22.4	8.1	8.1	32.4	32.4	104.9	104.9	7.6	7.6	6.2	6.2					
					Middle	4.1	0.6	185	22.4	8.1	8.1	32.4	32.4	104.9	104.9	7.6	7.6	6.2	6.2					
						7.2	0.5	185	22.4	8.1	8.1	32.4	32.4	104.8	104.8	7.5	7.5	7.0	7.0					
						7.2	0.5	193	22.4	8.1	8.1	32.4	32.4	104.8	104.8	7.5	7.5	7.1	7.1					
IM5	Misty	Moderate	09:40	8.0	Surface	1.0	0.6	191	22.3	22.3	8.1	8.1	32.3	32.3	108.4	108.4	7.8	7.8	6.9	6.9	6	820757	804887	
						1.0	0.7	201	22.3	8.1	8.1	32.3	32.3	108.3	108.3	7.8	7.8	6.9	6.9					
						4.0	0.5	199	22.4	8.1	8.1	32.6	32.6	103.9	103.8	7.5	7.5	8.2	8.2					
					Middle	4.0	0.5	202	22.4	8.1	8.1	32.6	32.6	103.6	103.6	7.4	7.4	8.2	8.2					
						7.0	0.6	221	22.4	8.1	8.1	32.8	32.8	103.5	103.5	7.4	7.4	9.1	9.1					
						7.0	0.7	230	22.4	8.1	8.1	32.8	32.8	103.7	103.7	7.4	7.4	9.1	9.1					
IM6	Misty	Moderate	09:54	7.0	Surface	1.0	0.3	224	22.3	22.3	8.2	8.2	32.3	32.3	108.5	108.5	7.8	7.8	2.3	2.3	5	821036	805834	
						1.0	0.4	238	22.3	8.2	8.2	32.3	32.3	108.5	108.5	7.8	7.8	2.4	2.4					
						3.5	0.4	240	22.3	8.2	8.2	32.3	32.3	108.6	108.6	7.8	7.8	3.4	3.4					
					Middle	3.5	0.4	250	22.3	8.2	8.2	32.3	32.3	108.6	108.6	7.8	7.8	3.4	3.4					
						6.0	0.4	213	22.3	8.2	8.2	32.3	32.2	108.8	108.8	7.9	7.9	4.3	4.3					
						6.0	0.4	229	22.3	8.2	8.2	32.2	32.2	108.8	108.8	7.9	7.9	4.2	4.2					
IM7	Misty	Moderate	09:58	8.2	Surface	1.0	0.3	215	22.2	22.2	8.2	8.2	31.9	31.9	110.8	110.7	8.0	8.0	1.9	1.9	7	821363	806852	
						1.0	0.3	223	22.2	8.2	8.2	31.9	31.9	110.6	110.6	8.0	8.0	1.8	1.8					
						4.1	0.4	226	22.3	8.1	8.1	32.0	32.0	107.7	107.6	7.8	7.8	3.0	3.0					
					Middle	4.1	0.5	246	22.3	8.1	8.1	32.1	32.0	107.5	107.5	7.8	7.8	3.0	3.0					
						7.2	0.3	232	22.3	8.1	8.1	32.1	32.0	108.0	108.0	7.8	7.8	3.7	3.7					
						7.2	0.3	234	22.3	8.1	8.1	31.9	32.0	107.9	108.0	7.8	7.8	3.7	3.7					
IM8	Fine	Moderate	10:06	7.0	Surface	1.0	0.2	149	21.7	21.7	8.3	8.3	31.2	31.2	103.6	103.6	7.6	7.6	8.8	8.8	3	821845	808156	
						1.0	0.2	158	21.7	8.3	8.3	31.2	31.2	103.5	103.5	7.6	7.6	8.7	8.7					
						3.5	0.1	166	21.7	8.3	8.3	31.3	31.3	101.1	101.0	7.4	7.4	9.9	9.9					
					Middle	3.5	0.1	168	21.7	8.3	8.3	31.3	31.3	100.9	101.0	7.4	7.4	10.2	10.2					
						6.0	0.0	152	21.8	8.2	8.2	31.5	31.5	100.3	100.4	7.3	7.3	11.6	11.6					
						6.0	0.0	155	21.8	8.2	8.2	31.5	31.5	100.4	100.4	7.3	7.3	11.8	11.8					

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 November 21 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					
IM9	Fine	Moderate	09:59	6.7	Surface	1.0	0.2	119	21.8	21.8	8.3	8.3	31.5	31.5	105.0	105.0	7.7	7.4	7.6	8.4	11.6	4	822098	808833			
						1.0	0.2	125	21.8	8.3	8.3	31.5	31.5	105.0	105.0	7.7	7.4	7.6	8.4	11.6	4	822098	808833				
						3.4	0.3	114	21.8	8.3	8.3	31.5	31.5	102.8	102.7	7.5	7.4	7.4	11.5	11.6	4	822098	808833				
					Middle	3.4	0.3	114	21.8	8.3	8.3	31.5	31.5	102.8	102.7	7.5	7.4	7.4	11.5	11.6	4	822098	808833				
						5.7	0.2	99	21.8	8.2	8.2	31.5	31.5	101.9	101.9	7.4	7.4	7.4	14.5	14.9	6	822098	808833				
						5.7	0.2	101	21.8	8.2	8.2	31.5	31.5	101.8	101.8	7.4	7.4	7.4	14.9	14.9	5	822098	808833				
IM10	Fine	Moderate	09:49	7.3	Surface	1.0	0.5	109	21.8	21.8	8.2	8.2	31.8	31.8	100.5	100.4	7.3	7.3	7.3	9.4	10.5	4	822385	809812			
						1.0	0.6	114	21.8	8.2	8.2	31.8	31.8	100.2	100.2	7.3	7.3	7.3	9.6	10.5	4	822385	809812				
						3.7	0.5	112	21.9	8.2	8.2	31.8	31.8	99.0	99.0	7.2	7.2	7.2	10.4	10.6	4	822385	809812				
					Middle	3.7	0.5	118	21.9	8.2	8.2	31.8	31.8	98.9	98.9	7.2	7.2	7.2	10.6	10.6	4	822385	809812				
						6.3	0.5	102	21.9	8.2	8.2	31.9	31.9	99.2	99.3	7.2	7.2	7.2	11.5	11.5	3	822385	809812				
						6.3	0.5	105	21.9	8.2	8.2	31.9	31.9	99.4	99.3	7.2	7.2	7.2	11.4	11.4	4	822385	809812				
IM11	Fine	Moderate	09:34	8.3	Surface	1.0	0.3	102	22.0	22.0	8.2	8.2	32.0	32.0	99.3	99.3	7.2	7.2	7.2	9.2	11.5	4	822039	811444			
						1.0	0.3	109	22.0	8.2	8.2	32.0	32.0	99.3	99.3	7.2	7.2	7.2	9.2	11.5	4	822039	811444				
						4.2	0.4	112	22.0	8.2	8.2	32.0	32.0	97.9	97.9	7.1	7.1	7.1	12.5	12.5	4	822039	811444				
					Middle	4.2	0.4	118	22.0	8.2	8.2	32.0	32.0	97.8	97.8	7.1	7.1	7.1	12.5	12.5	5	822039	811444				
						7.3	0.3	125	22.0	8.2	8.2	32.0	32.0	97.6	97.6	7.1	7.1	7.1	12.9	12.9	5	822039	811444				
						7.3	0.3	128	22.0	8.2	8.2	32.0	32.0	97.6	97.6	7.1	7.1	7.1	12.6	12.6	5	822039	811444				
IM12	Fine	Moderate	09:25	8.9	Surface	1.0	0.5	110	21.9	21.9	8.3	8.3	31.9	31.9	101.4	101.4	7.4	7.4	7.4	9.0	10.3	4	821447	812024			
						1.0	0.6	119	21.9	8.3	8.3	31.9	31.9	101.3	101.3	7.4	7.4	7.4	9.1	10.3	4	821447	812024				
						4.5	0.4	99	21.9	8.3	8.3	32.0	32.0	100.1	100.1	7.3	7.3	7.3	10.6	10.6	5	821447	812024				
					Middle	4.5	0.4	100	21.9	8.3	8.3	32.0	32.0	100.0	100.0	7.3	7.3	7.3	10.6	10.6	5	821447	812024				
						7.9	0.2	93	21.9	8.3	8.2	32.0	32.0	99.5	99.5	7.2	7.2	7.2	11.2	11.3	6	821447	812024				
						7.9	0.2	102	21.9	8.2	8.2	32.0	32.0	99.4	99.4	7.2	7.2	7.2	11.3	11.3	6	821447	812024				
SR1A	Fine	Moderate	08:50	5.2	Surface	1.0	-	-	22.1	22.1	8.3	8.3	32.1	32.1	104.2	104.2	7.6	7.6	7.6	9.1	9.8	2	819970	812656			
						1.0	-	-	22.1	22.1	8.3	8.3	32.1	32.1	104.2	104.2	7.6	7.6	7.6	9.2	9.8	2	819970	812656			
						2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	819970	812656	
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	819970	812656
						4.2	-	-	22.0	22.0	8.3	8.2	32.1	32.1	102.5	102.5	7.4	7.4	7.4	10.3	10.4	4	819970	812656			
						4.2	-	-	22.0	22.0	8.2	8.2	32.1	32.1	102.4	102.4	7.4	7.4	7.4	10.4	10.4	4	819970	812656			
SR2	Fine	Moderate	08:31	5.0	Surface	1.0	0.2	122	22.1	22.1	8.2	8.2	32.3	32.3	97.1	97.1	7.0	7.0	7.0	8.7	9.3	3	821460	814177			
						1.0	0.2	133	22.1	8.2	8.2	32.3	32.3	97.1	97.1	7.0	7.0	7.0	8.7	9.3	4	821460	814177				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	821460	814177	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	821460	814177
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	821460	814177
						4.0	0.2	120	22.1	8.2	8.2	32.2	32.2	97.0	97.0	7.0	7.0	7.0	9.9	9.9	2	821460	814177				
Bottom	4.0	0.2	120	22.1	8.2	8.2	32.2	32.2	97.0	97.0	7.0	7.0	7.0	9.9	9.9	2	821460	814177									
	4.0	0.2	120	22.1	8.2	8.2	32.2	32.2	97.0	97.0	7.0	7.0	7.0	9.9	9.9	2	821460	814177									
	4.0	0.2	120	22.1	8.2	8.2	32.2	32.2	97.0	97.0	7.0	7.0	7.0	9.9	9.9	2	821460	814177									
SR3	Fine	Moderate	10:14	8.5	Surface	1.0	0.4	160	21.8	21.8	8.3	8.3	31.0	31.0	104.5	104.4	7.7	7.6	7.5	8.5	9.7	4	822150	807572			
						1.0	0.4	175	21.8	8.3	8.3	31.1	31.1	104.2	104.2	7.6	7.6	7.6	8.5	9.7	4	822150	807572				
						4.3	0.4	176	21.8	8.2	8.2	31.4	31.5	99.7	99.6	7.3	7.3	7.3	9.5	9.6	4	822150	807572				
					Middle	4.3	0.4	182	21.8	8.2	8.2	31.5	31.5	99.4	99.4	7.3	7.3	7.3	9.6	9.6	4	822150	807572				
						7.5	0.3	199	21.9	8.2	8.2	31.7	31.7	97.3	97.2	7.1	7.1	7.1	11.0	11.0	3	822150	807572				
						7.5	0.3	216	21.9	8.2	8.2	31.7	31.7	97.1	97.1	7.1	7.1	7.1	11.2	11.2	3	822150	807572				
SR4A	Misty	Moderate	08:27	9.4	Surface	1.0	0.1	49	22.6	22.6	8.1	8.1	33.3	33.3	107.1	107.1	7.6	7.6	7.6	4.2	5.5	7	817188	807789			
						1.0	0.1	51	22.6	8.1	8.1	33.3	33.3	107.0	107.0	7.6	7.6	7.6	4.2	5.5	7	817188	807789				
						4.7	0.1	45	22.6	8.1	8.1	33.2	33.2	106.2	106.2	7.6	7.6	7.6	5.3	5.3	7	817188	807789				
					Middle	4.7	0.1	47	22.6	8.1	8.1	33.2	33.2	106.2	106.2	7.6	7.6	7.6	5.3	5.3	6	817188	807789				
						8.4	0.1	9	22.6	8.1	8.1	33.2	33.2	105.4	105.4	7.5	7.5	7.5	6.9	6.9	6	817188	807789				
						8.4	0.1	9	22.6	8.1	8.1	33.2	33.2	105.3	105.3	7.5	7.5	7.5	6.9	6.9	6	817188	807789				
SR5A	Misty	Moderate	08:11	5.2	Surface	1.0	0.1	102	22.7	22.7	8.1	8.1	33.3	33.3	104.2	104.2	7.4	7.4	7.4	4.3	4.8	8	816579	810714			
						1.0	0.1	103	22.7	8.1	8.1	33.3	33.3	104.2	104.2	7.4	7.4	7.4	4.2	4.8	9	816579	810714				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	816579	810714	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	816579	810714
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	816579	810714
						4.2	0.1	80	22.6	8.1	8.1	33.3	33.3	103.8	103.8	7.4	7.4	7.4	5.2	5.3	8	816579	810714				
Bottom	4.2	0.1	82	22.6	8.1	8.1	33.3	33.3	103.8	103.8	7.4	7.4	7.4	5.3	5.3	8	816579	810714									
	4.2	0.1	80	22.6	8.1	8.1	33.3	33.3	103.8	103.8	7.4	7.4	7.4	5.2	5.3	8	816579	810714									
	4.2	0.1	82	22.6	8.1	8.1	33.3	33.3	103.8	103.8	7.4	7.4	7.4	5.3	5.3	8	816579	810714									
SR6A	Misty	Moderate	07:33	4.8	Surface	1.0	0.1	9	22.6	22.6	8.0	8.0	32.8	32.8	110.5	110.5	7.9	7.9	7.9	4.1	4.6	7	817973	814749			
						1.0	0.1	9	22.6	8.0	8.0	32.8	32.8	110.5	110.5	7.9	7.9	7.9	4.1	4.6	8	817973	814749				

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

Water Quality Monitoring Results on 30 November 21 during Mid-Flood Tide

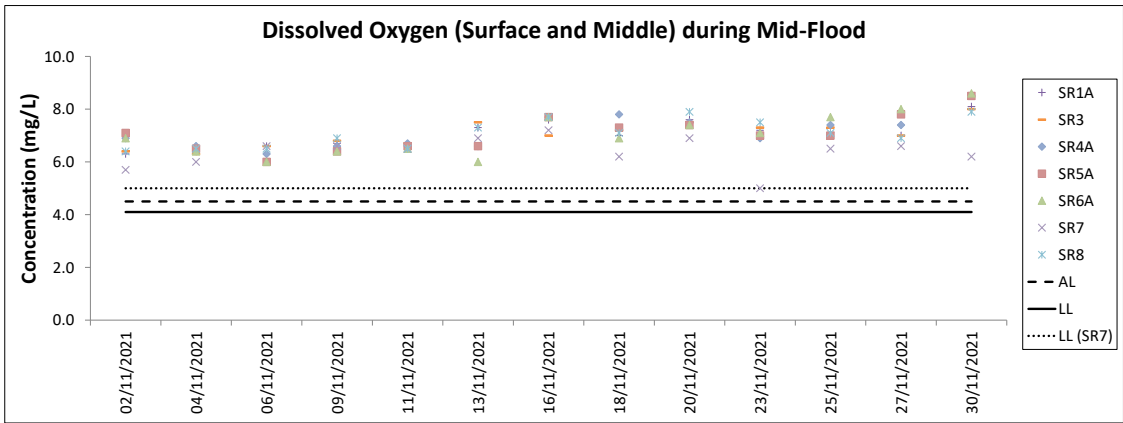
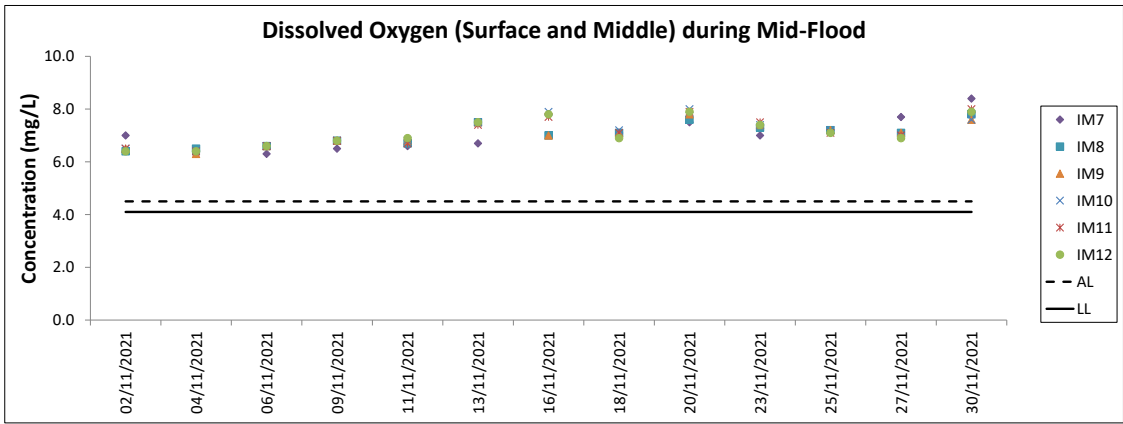
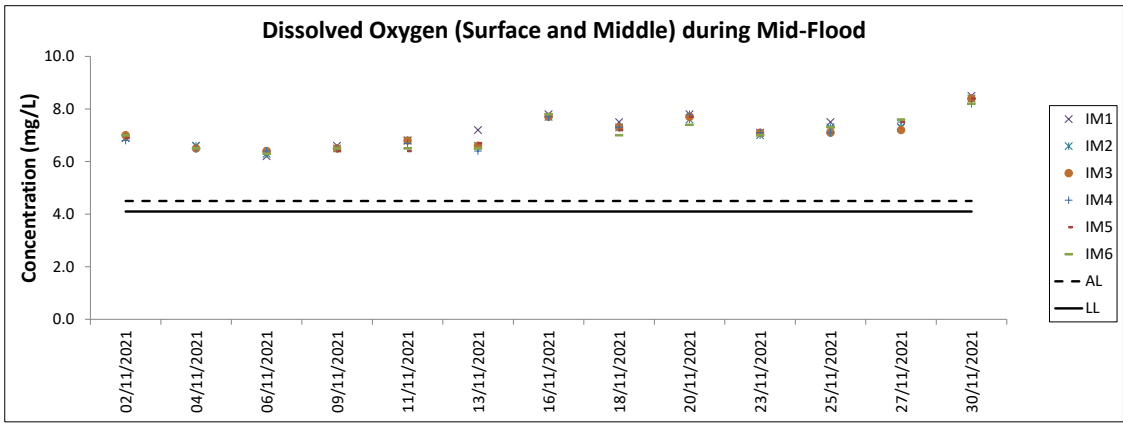
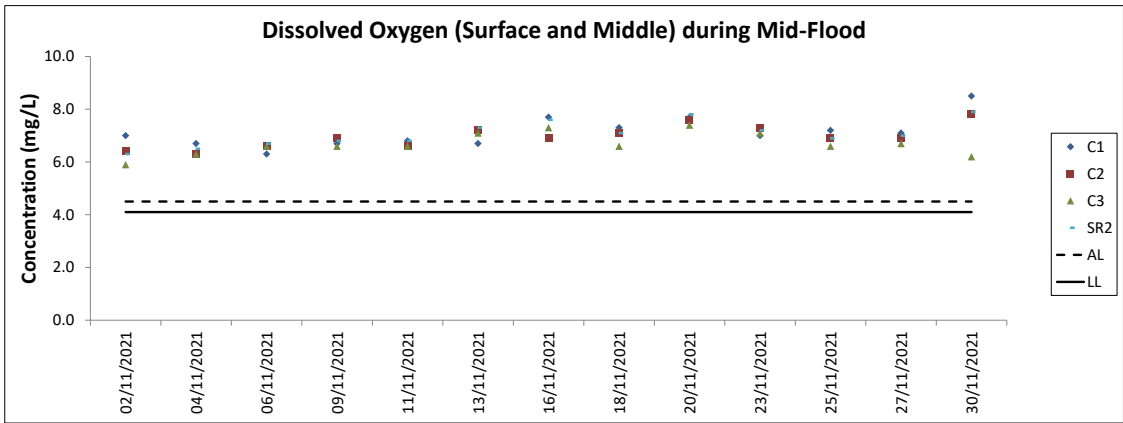
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA					
C1	Misty	Moderate	15:18	8.2	Surface	1.0	0.4	37	22.6	22.6	8.2	8.2	32.4	32.4	117.9	117.9	8.5	8.5	5.9	8.5	8	8	8	815635	804224		
						1.0	0.4	39	22.6	8.2	8.2	32.4	32.4	117.9	117.9	8.5	8.5	5.9	8.5	8	8						
						4.1	0.5	39	22.5	22.5	8.2	8.2	32.3	32.3	117.9	117.9	8.5	8.5	6.9	8.5	8	8					
					Middle	4.1	0.5	40	22.5	22.5	8.2	8.2	32.3	32.3	117.9	117.9	8.5	8.5	6.8	8.5	8	8					
						7.2	0.5	44	22.5	22.5	8.2	8.2	32.4	32.4	117.8	117.8	8.5	8.5	7.1	8.5	8	8					
						7.2	0.5	45	22.5	22.5	8.2	8.2	32.4	32.4	117.8	117.8	8.5	8.5	7.0	8.5	8	8					
C2	Cloudy	Rough	14:18	11.6	Surface	1.0	0.1	144	22.0	22.0	8.3	8.3	31.4	31.4	108.3	108.3	7.9	7.9	9.5	7.9	3	3	3	825666	806929		
						1.0	0.1	148	22.0	22.0	8.3	8.3	31.4	31.4	107.8	107.8	7.9	7.9	9.6	7.9	4	4					
						5.8	0.0	21	22.1	22.1	8.2	8.2	31.5	31.5	104.1	104.1	7.6	7.6	9.4	7.6	2	2					
					Middle	5.8	0.0	21	22.1	22.1	8.2	8.2	31.5	31.5	104.1	104.1	7.6	7.6	9.4	7.6	3	3					
						10.6	0.2	301	22.1	22.1	8.3	8.3	31.5	31.5	103.3	103.3	7.5	7.5	9.4	7.5	3	3					
						10.6	0.3	314	22.1	22.1	8.3	8.3	31.6	31.6	103.2	103.2	7.5	7.5	9.4	7.5	2	2					
C3	Cloudy	Moderate	16:36	11.5	Surface	1.0	0.3	224	22.6	22.6	8.2	8.2	32.5	32.5	85.9	85.9	6.2	6.2	5.1	6.2	4	4	4	822130	817815		
						1.0	0.3	232	22.6	22.6	8.2	8.2	32.5	32.5	85.9	85.9	6.2	6.2	5.1	6.2	4	4					
						5.8	0.3	232	22.6	22.6	8.2	8.2	32.5	32.5	86.4	86.5	6.2	6.2	6.3	6.2	4	4					
					Middle	5.8	0.4	250	22.6	22.6	8.2	8.2	32.5	32.5	86.5	86.5	6.2	6.2	6.6	6.2	4	4					
						10.5	0.3	227	22.6	22.6	8.2	8.2	32.5	32.5	87.4	87.5	6.3	6.3	7.3	6.3	4	4					
						10.5	0.3	247	22.6	22.6	8.2	8.2	32.5	32.5	87.6	87.5	6.3	6.3	7.5	6.3	3	3					
IM1	Misty	Moderate	15:06	5.4	Surface	1.0	0.3	35	22.5	22.5	8.2	8.2	32.4	32.4	117.7	117.7	8.5	8.5	4.8	8.5	4	4	5	817947	807142		
						1.0	0.3	37	22.5	22.5	8.2	8.2	32.4	32.4	117.7	117.7	8.4	8.4	4.8	8.4	4	4					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						4.4	0.2	29	22.5	22.5	8.2	8.2	32.4	32.4	117.7	117.7	8.4	8.4	5.8	8.4	6	6					
						4.4	0.2	29	22.5	22.5	8.2	8.2	32.4	32.4	117.6	117.6	8.4	8.4	5.8	8.4	6	6					
IM2	Misty	Moderate	15:00	6.4	Surface	1.0	0.2	35	22.6	22.6	8.2	8.2	32.5	32.5	117.0	117.0	8.4	8.4	4.6	8.4	6	6	7	818158	806170		
						1.0	0.2	37	22.6	22.6	8.2	8.2	32.5	32.5	116.9	117.0	8.4	8.4	4.6	8.4	7	7					
						3.2	0.2	41	22.6	22.6	8.2	8.2	32.5	32.5	117.0	117.0	8.4	8.4	5.6	8.4	7	7					
					Middle	3.2	0.2	42	22.6	22.6	8.2	8.2	32.5	32.5	117.0	117.0	8.4	8.4	5.6	8.4	7	7					
						5.4	0.3	37	22.6	22.6	8.2	8.2	32.4	32.4	116.9	116.9	8.4	8.4	6.5	8.4	7	7					
						5.4	0.3	39	22.6	22.6	8.2	8.2	32.4	32.4	116.8	116.8	8.4	8.4	6.5	8.4	7	7					
IM3	Misty	Moderate	14:53	7.0	Surface	1.0	0.3	33	22.6	22.6	8.2	8.2	32.5	32.5	116.8	116.8	8.4	8.4	4.6	8.4	4	4	5	818769	805591		
						1.0	0.3	34	22.6	22.6	8.2	8.2	32.5	32.5	116.8	116.8	8.4	8.4	4.6	8.4	4	4					
						3.5	0.3	38	22.6	22.6	8.2	8.2	32.4	32.4	117.0	117.0	8.4	8.4	5.6	8.4	5	5					
					Middle	3.5	0.3	40	22.6	22.6	8.2	8.2	32.4	32.4	117.0	117.0	8.4	8.4	5.6	8.4	5	5					
						6.0	0.3	46	22.5	22.5	8.2	8.2	32.4	32.3	117.2	117.2	8.4	8.4	6.2	8.4	5	5					
						6.0	0.3	46	22.5	22.5	8.2	8.2	32.3	32.3	117.1	117.2	8.4	8.4	6.1	8.4	6	6					
IM4	Misty	Moderate	14:44	7.2	Surface	1.0	0.3	35	22.6	22.6	8.2	8.2	32.4	32.4	115.1	115.0	8.3	8.2	4.9	8.3	5	5	5	819745	804592		
						1.0	0.3	35	22.6	22.6	8.2	8.2	32.4	32.4	114.9	114.0	8.2	8.2	4.9	8.2	4	4					
						3.6	0.3	39	22.4	22.4	8.2	8.2	32.6	32.7	114.0	114.0	8.2	8.2	5.1	8.2	5	5					
					Middle	3.6	0.3	42	22.4	22.4	8.2	8.2	32.7	32.7	113.9	113.8	8.2	8.2	5.2	8.2	5	5					
						6.2	0.3	38	22.3	22.3	8.2	8.2	32.8	32.8	113.7	113.8	8.2	8.2	6.3	8.2	4	4					
						6.2	0.3	41	22.2	22.3	8.2	8.2	32.7	32.7	113.8	113.8	8.2	8.2	6.4	8.2	4	4					
IM5	Misty	Moderate	14:40	8.4	Surface	1.0	0.3	9	22.5	22.5	8.2	8.2	32.3	32.3	116.2	116.2	8.4	8.4	3.7	8.4	6	6	5	820751	804843		
						1.0	0.3	9	22.5	22.5	8.2	8.2	32.3	32.3	116.2	116.2	8.4	8.4	3.7	8.4	5	5					
						4.2	0.3	8	22.5	22.5	8.2	8.2	32.3	32.3	115.7	115.7	8.3	8.3	4.2	8.3	4	4					
					Middle	4.2	0.3	8	22.5	22.5	8.2	8.2	32.3	32.3	115.7	115.7	8.3	8.3	4.2	8.3	4	4					
						7.4	0.3	344	22.5	22.5	8.2	8.2	32.3	32.3	115.7	115.6	8.3	8.3	5.1	8.3	4	4					
						7.4	0.3	345	22.5	22.5	8.2	8.2	32.4	32.4	115.4	115.6	8.3	8.3	5.1	8.3	4	4					
IM6	Misty	Moderate	14:31	6.4	Surface	1.0	0.2	341	22.6	22.6	8.2	8.2	32.4	32.4	114.9	114.9	8.2	8.2	2.7	8.2	3	3	4	821077	805827		
						1.0	0.2	314	22.6	22.6	8.2	8.2	32.4	32.4	114.9	114.7	8.2	8.2	2.6	8.2	3	3					
						3.2	0.2	326	22.6	22.6	8.2	8.2	32.4	32.4	114.7	114.7	8.2	8.2	3.7	8.2	4	4					
					Middle	3.2	0.2	332	22.6	22.6	8.2	8.2	32.4	32.4	114.7	114.7	8.2	8.2	3.7	8.2	4	4					
						5.4	0.3	305	22.6	22.6	8.2	8.2	32.4	32.4	113.4	113.4	8.1	8.1	4.9	8.1	5	5					
						5.4	0.3	310	22.6	22.6	8.2	8.2	32.5	32.4	113.3	113.3	8.1	8.1	4.9	8.1	5	5					
IM7	Misty	Moderate	14:18	8.2	Surface	1.0	0.4	350	22.7	22.7	8.2	8.2	32.7	32.7	118.2	118.2	8.4	8.4	2.8	8.4	4	4	4	821333	806823		
						1.0	0.4	322	22.7	22.7	8.2	8.2	32.7	32.7	118.1	118.1	8.4	8.4	2.7	8.4	4	4					
						4.1	0.4	353	22.7	22.7	8.2	8.2	32.7	32.7	117.5	117.5	8.4	8.4	3.8	8.4	4	4					
					Middle	4.1	0.5	325	22.7	22.7	8.2	8.2	32.7	32.7	117.4	117.4	8.4	8.4	3.7	8.4	4	4					
						7.2	0.4	341	22.7	22.7	8.2	8.2	32.7	32.7	116.9	116.9	8.4	8.4	4.8	8.4	4	4					
						7.2	0.4	314	22.7	22.7	8.2	8.2	32.7	32.7	116.8	116.8	8.3	8.3	4.8	8.3	4	4					
IM8	Cloudy	Rough	14:41	6.9	Surface	1.0	0.3	194	22.0	22.0	8.3	8.3	31.7	31.7	106.9	106.9	7.8	7.8	9.9	7.8	3	3	3	821853	808123		
						1.0	0.3	205	22.0	22.0	8.3	8.3	31.7	31.7	106.9	106.9	7.8	7.8	9.9	7.8	3	3					
						3.5	0.1	214	22.0	22.0	8.3	8.3	31.7	31.7	106.2	106.2	7.7	7.7	10.1	7.7	3	3					
					Middle	3.5	0.1	216	22.0	22.0	8.3	8.3	31.7	31.7	106.1	106.1	7.7	7.7	10.2	7.7	3	3					
						5.9	0.2	225	22.0	22.0	8.3	8.3	31.7	31.7	105.8	105.8	7.7	7.7	10.8	7.7	2	2					
						5.9	0.3	242	22.0	22.0	8.3	8.3	31.7	31.7	105.8	105.8	7.7	7.7	10.9	7.7	2	2					

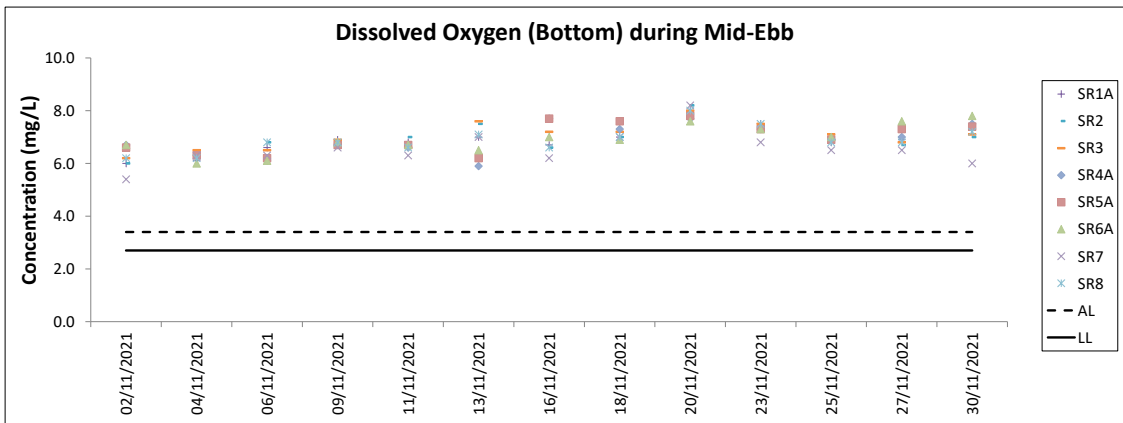
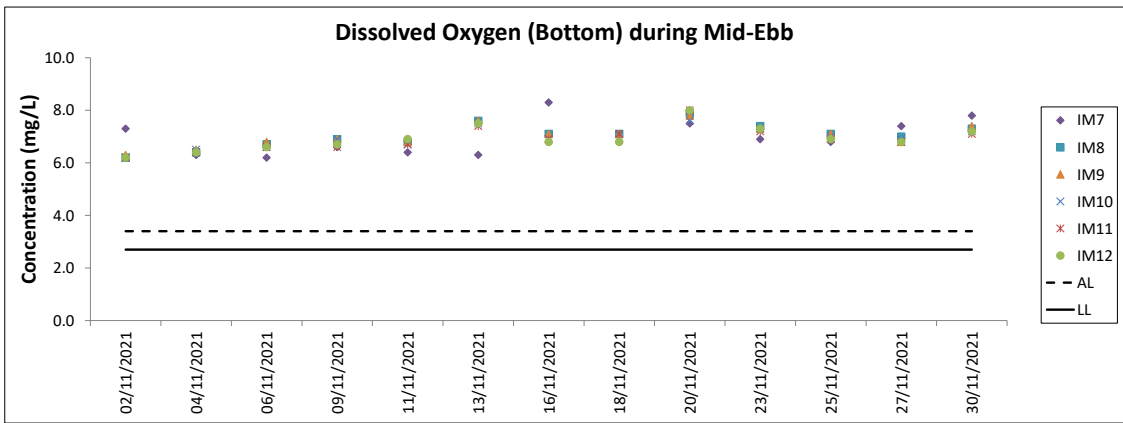
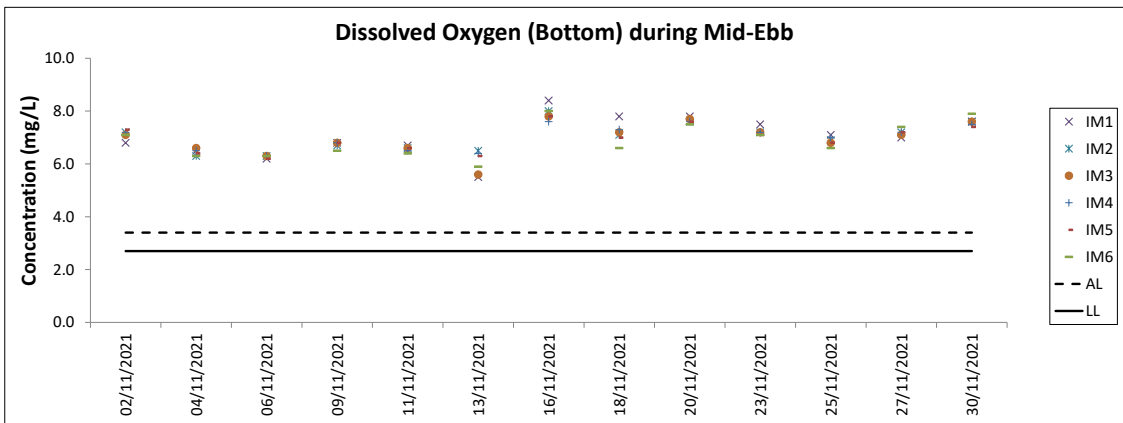
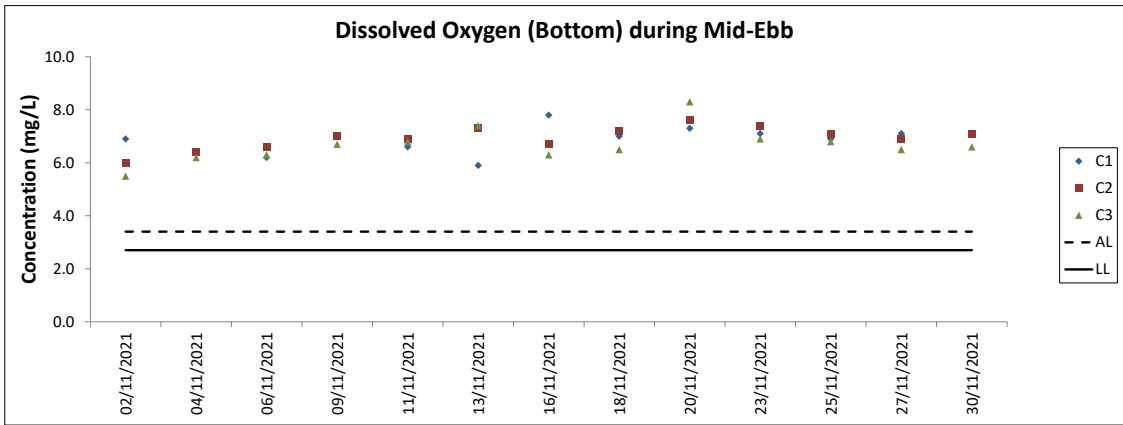
DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
 Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined

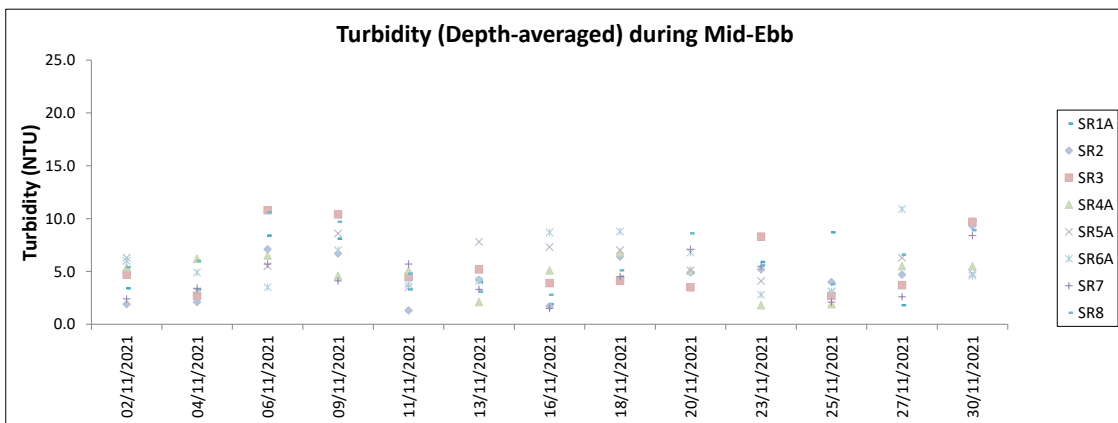
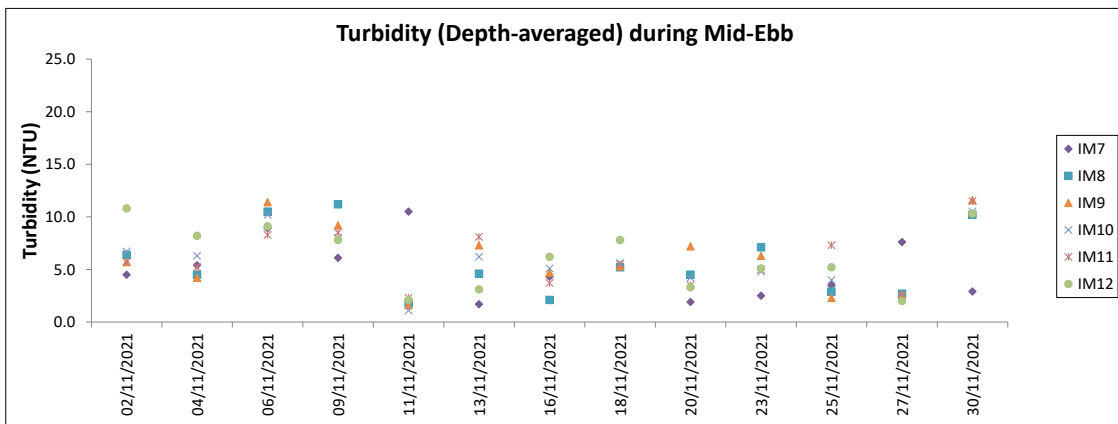
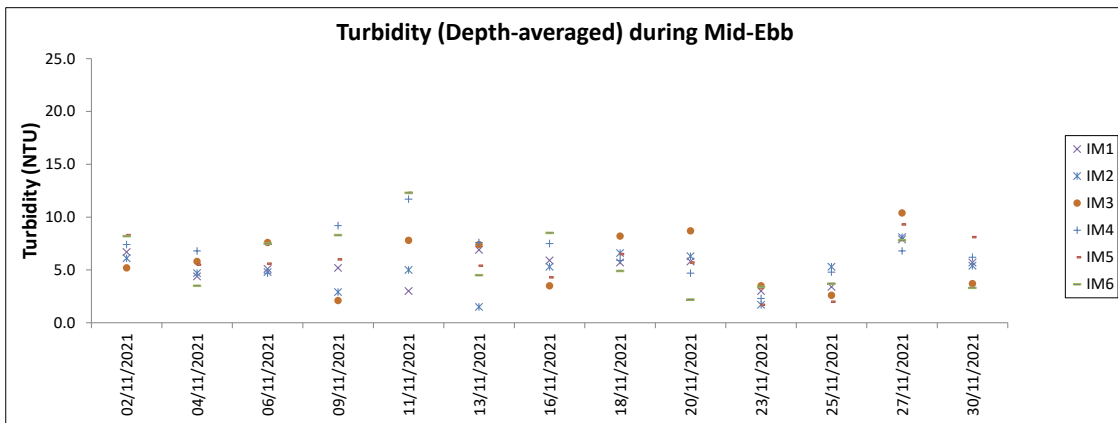
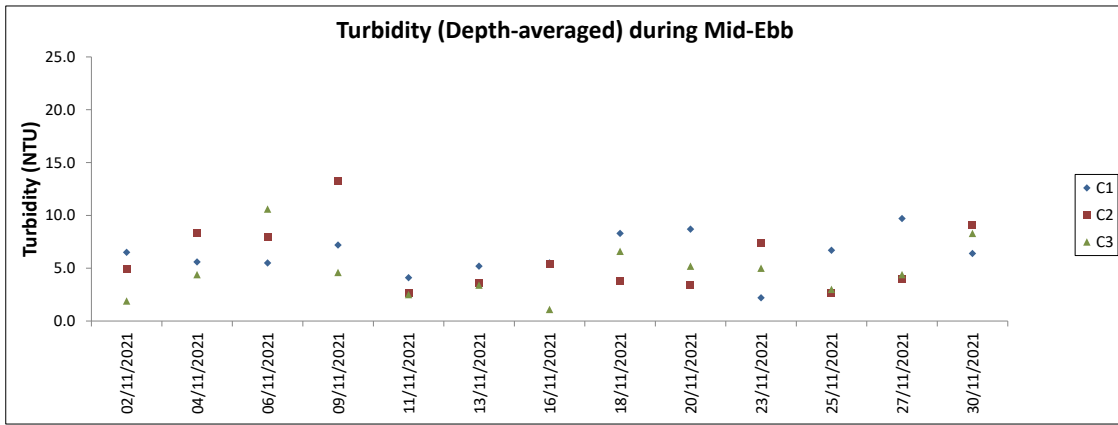
Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 30 November 21 during Mid-Flood Tide

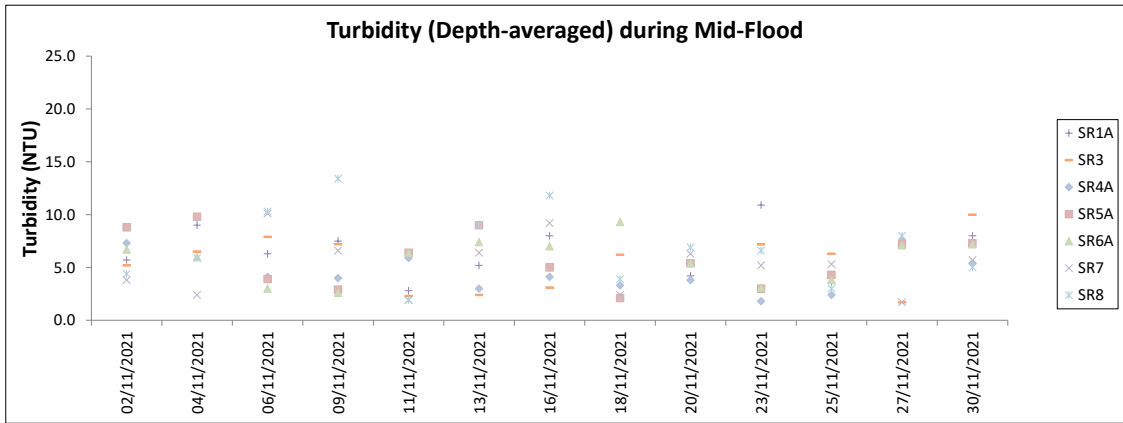
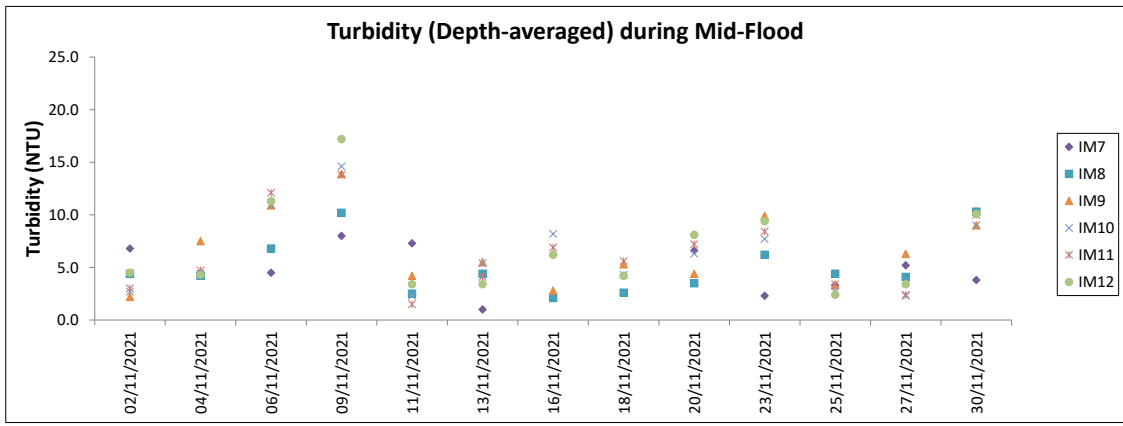
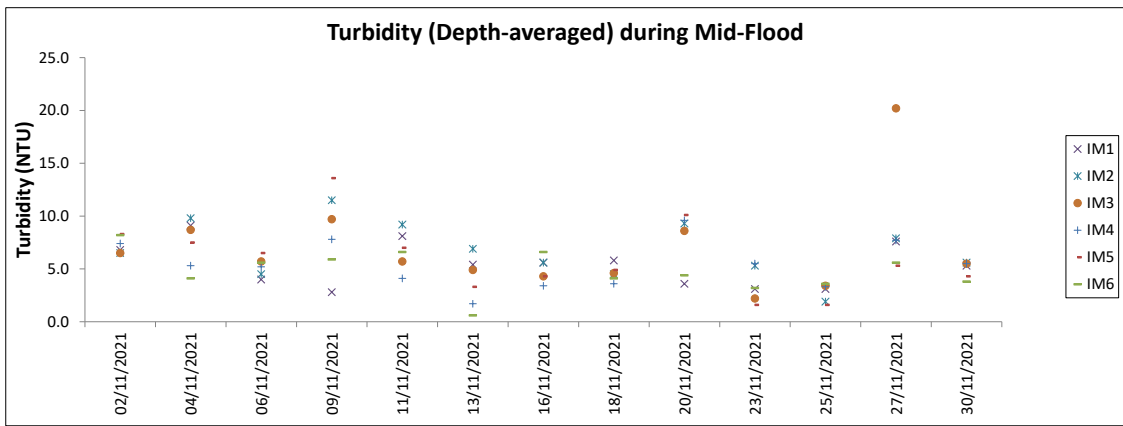
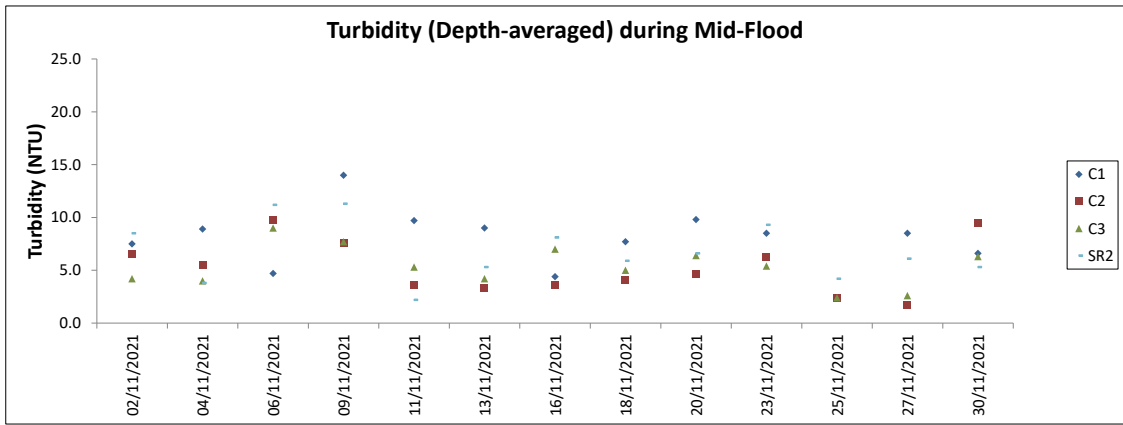
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM9	Cloudy	Rough	14:49	6.8	Surface	1.0	0.3	258	22.0	22.0	8.3	8.3	31.6	31.6	103.8	103.8	7.6	7.6	7.7	7.7	2	2	3	822086	808789	
						1.0	0.3	282	22.0	8.3	8.3	31.6	31.6	103.8	103.8	7.6	7.6	7.8	7.8	2	2					
						3.4	0.3	247	22.0	8.3	8.3	31.6	31.6	103.7	103.7	7.6	7.6	7.9	7.9	2	2					
					Middle	3.4	0.4	263	22.0	22.0	8.3	8.3	31.6	31.6	103.6	103.6	7.5	7.5	8.0	8.0	2	2				
						5.8	0.2	243	22.0	22.0	8.3	8.3	31.6	31.6	103.5	103.5	7.5	7.5	11.2	11.2	3	3				
						5.8	0.2	260	22.0	22.0	8.3	8.3	31.6	31.6	103.4	103.4	7.5	7.5	11.2	11.2	4	4				
IM10	Cloudy	Rough	14:58	7.0	Surface	1.0	0.5	309	22.0	22.0	8.3	8.3	31.8	31.8	104.9	104.9	7.6	7.6	7.6	7.6	3	3	3	822371	809770	
						1.0	0.5	317	22.0	22.0	8.3	8.3	31.8	31.8	104.9	104.9	7.6	7.6	7.8	7.8	3	3				
						3.5	0.4	295	22.0	22.0	8.3	8.3	31.8	31.8	104.4	104.4	7.6	7.6	9.1	9.1	3	3				
					Middle	3.5	0.5	296	22.0	22.0	8.3	8.3	31.8	31.8	104.4	104.4	7.6	7.6	9.3	9.3	3	3				
						6.0	0.5	302	22.0	22.0	8.3	8.3	31.8	31.8	103.8	103.8	7.5	7.5	10.1	10.1	3	3				
						6.0	0.5	312	22.0	22.0	8.3	8.3	31.8	31.8	103.7	103.7	7.5	7.5	9.9	9.9	2	2				
IM11	Cloudy	Rough	15:11	7.0	Surface	1.0	0.5	276	22.2	22.2	8.3	8.3	32.0	32.0	111.4	111.3	8.1	8.1	9.0	9.0	4	4	3	822049	811437	
						1.0	0.6	287	22.2	22.2	8.3	8.3	32.0	32.0	111.1	111.1	8.0	8.0	9.1	9.1	4	4				
						3.5	0.6	284	22.2	22.2	8.3	8.2	32.0	32.0	109.6	109.5	7.9	7.9	10.0	10.0	3	3				
					Middle	3.5	0.6	284	22.2	22.2	8.2	8.2	32.0	32.0	109.4	109.4	7.9	7.9	10.4	10.4	3	3				
						6.0	0.5	270	22.2	22.2	8.2	8.2	32.0	32.0	108.7	108.6	7.9	7.9	11.1	11.1	2	2				
						6.0	0.5	276	22.2	22.2	8.2	8.2	32.0	32.0	108.4	108.4	7.9	7.9	10.6	10.6	2	2				
IM12	Cloudy	Rough	15:20	8.6	Surface	1.0	0.6	265	22.1	22.1	8.3	8.3	32.0	32.0	110.1	110.0	8.0	8.0	8.2	8.2	4	4	3	821473	812057	
						1.0	0.6	272	22.1	22.1	8.3	8.3	32.0	32.0	109.9	109.9	8.0	8.0	8.5	8.5	4	4				
						4.3	0.5	262	22.1	22.1	8.3	8.3	32.0	32.0	108.2	108.1	7.8	7.8	10.6	10.6	3	3				
					Middle	4.3	0.5	281	22.1	22.1	8.3	8.3	32.0	32.0	108.0	108.0	7.8	7.8	10.8	10.8	3	3				
						7.6	0.4	269	22.2	22.2	8.3	8.3	32.0	32.0	107.4	107.3	7.8	7.8	11.1	11.1	3	3				
						7.6	0.5	289	22.2	22.2	8.3	8.3	32.0	32.0	107.2	107.2	7.8	7.8	11.2	11.2	3	3				
SR1A	Cloudy	Moderate	15:53	5.5	Surface	1.0	-	-	22.4	22.4	8.3	8.3	32.1	32.1	112.3	112.2	8.1	8.1	7.6	7.6	3	3	3	819971	812664	
						1.0	-	-	22.4	22.4	8.3	8.3	32.1	32.1	112.0	112.0	8.1	8.1	7.7	7.7	2	2				
						2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					Middle	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
						4.5	-	-	22.4	22.4	8.3	8.3	32.0	32.0	110.4	110.3	8.0	8.0	8.3	8.3	4	4				
						4.5	-	-	22.4	22.4	8.3	8.3	32.0	32.0	110.1	110.1	7.9	7.9	8.2	8.2	4	4				
SR2	Cloudy	Moderate	16:08	4.7	Surface	1.0	0.2	317	22.2	22.2	8.3	8.3	32.2	32.1	108.8	108.7	7.9	7.9	5.3	5.3	3	3	4	821478	814152	
						1.0	0.2	332	22.2	22.2	8.3	8.3	32.1	32.1	108.5	108.5	7.8	7.8	5.3	5.3	3	3				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
						3.7	0.1	304	22.2	22.2	8.3	8.3	32.1	32.1	107.9	107.8	7.8	7.8	5.3	5.3	4	4				
						3.7	0.2	311	22.2	22.2	8.3	8.3	32.1	32.1	107.7	107.7	7.8	7.8	5.4	5.4	4	4				
SR3	Cloudy	Rough	14:35	8.3	Surface	1.0	0.2	186	22.1	22.1	8.3	8.3	31.8	31.8	110.6	110.6	8.0	8.0	9.0	9.0	4	4	3	822166	807577	
						1.0	0.2	195	22.1	22.1	8.3	8.3	31.8	31.8	110.6	110.6	8.0	8.0	9.0	9.0	3	3				
						4.2	0.2	201	22.1	22.1	8.3	8.3	31.8	31.8	109.3	109.3	7.9	7.9	9.3	9.3	3	3				
					Middle	4.2	0.2	212	22.1	22.1	8.3	8.3	31.8	31.8	109.2	109.2	7.9	7.9	9.4	9.4	3	3				
						7.3	0.1	208	22.1	22.1	8.3	8.3	31.8	31.8	106.8	106.7	7.8	7.8	11.4	11.4	3	3				
						7.3	0.1	217	22.1	22.1	8.3	8.3	31.8	31.8	106.6	106.6	7.7	7.7	11.9	11.9	3	3				
SR4A	Misty	Moderate	15:38	8.4	Surface	1.0	0.3	222	22.6	22.6	8.2	8.2	32.4	32.4	118.1	118.1	8.5	8.5	4.2	4.2	4	4	4	817192	807800	
						1.0	0.3	222	22.5	22.5	8.2	8.2	32.4	32.4	118.1	118.1	8.5	8.5	4.2	4.2	4	4				
						4.2	0.4	210	22.5	22.5	8.2	8.2	32.3	32.3	118.1	118.1	8.5	8.5	5.9	5.9	4	4				
					Middle	4.2	0.4	221	22.5	22.5	8.2	8.2	32.3	32.3	118.0	118.0	8.5	8.5	6.0	6.0	4	4				
						7.4	0.4	222	22.6	22.6	8.2	8.2	32.4	32.4	117.8	117.8	8.5	8.5	6.0	6.0	4	4				
						7.4	0.4	222	22.6	22.6	8.2	8.2	32.4	32.4	117.8	117.8	8.5	8.5	6.1	6.1	4	4				
SR5A	Misty	Moderate	15:49	5.4	Surface	1.0	0.2	235	22.8	22.7	8.2	8.2	33.4	33.5	120.1	119.4	8.5	8.5	6.8	6.8	5	5	5	816586	810709	
						1.0	0.2	235	22.6	22.7	8.2	8.2	33.6	33.5	118.6	118.6	8.5	8.5	6.9	6.9	6	6				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
						4.4	0.3	199	22.3	22.3	8.2	8.2	33.8	33.8	115.3	115.5	8.3	8.3	7.7	7.7	5	5				
						4.4	0.3	208	22.3	22.3	8.2	8.2	33.8	33.8	115.7	115.7	8.3	8.3	7.7	7.7	5	5				
SR6A	Misty	Moderate	16:07	4.2	Surface	1.0	0.2	216	23.1	23.1	8.2	8.2	33.2	33.2	122.1	122.1	8.6	8.6	6.5	6.5	5	5	6	817959	814718	
						1.0	0.2	224	23.1	23.1	8.2	8.2	33.2	33.2	122.1	122.1	8.6	8.6	6.5	6.5	4	4				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
						3.2	0.3	218	23.1	23.1	8.2	8.2	33.2	33.2	121.1	121.1	8.6	8.6	7.9	7.9	7	7				
						3.2	0.3	218	23.1	23.1	8.2	8.2	33.2	33.2	121.0	121.0	8.6	8.6	7.9	7.9	8	8				
SR7	Cloudy	Moderate	17:12	16.8	Surface	1.0	0.1	20	22.6	22.6	8.2	8.2	32.5	32.5	86.1	86.1	6.2	6.2	4.7	4.7	2	2	3	823633	823725	
						1.0	0.1	20	22.6	22.6	8.2	8.2	32.5	32.5	86.0	86.0	6.2	6.2	4.6	4.6	2	2				
						8.4	0.2	46	22.6	22.6	8.2	8.2	32.5	32.5	85.9	86.0	6.2	6.2	6.2	6.2	2	2				
					Middle	8.4	0.2	47	22.6	22.6	8.2	8.2	32.5	32.5	86.0	86.0	6.2	6.2	6.2	6.2	3	3				
						15.8	0.3	9	22.6	22.6	8.2	8.2	32.5	32.5	87.8	87.9	6.3	6.3	6.2	6.2	3	3				
						15.8	0.3	9	22.6	22.6	8.2	8.2	32.5	32.5	88.0	88.0	6.3	6.3	6.3	6.3	3	3				
SR8	Cloudy	Moderate	15:29	4.3	Surface	1.0	-	-																		



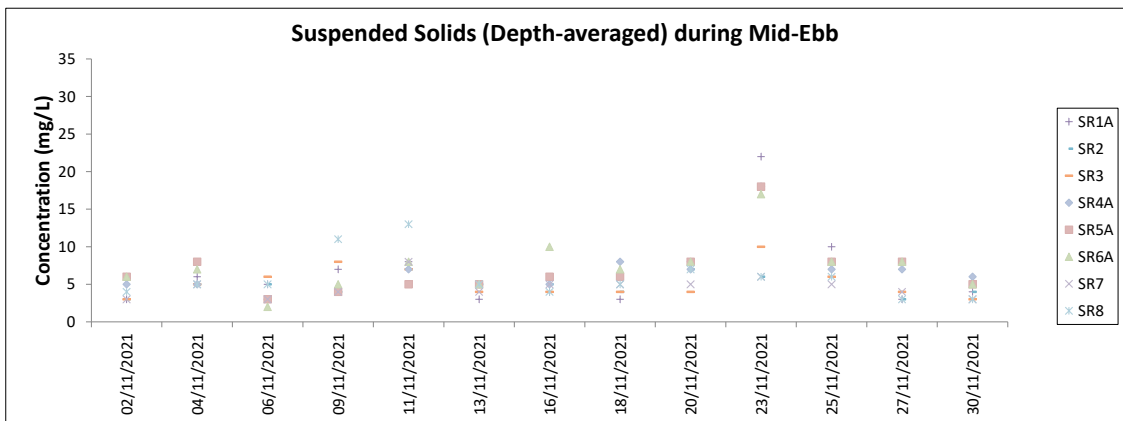
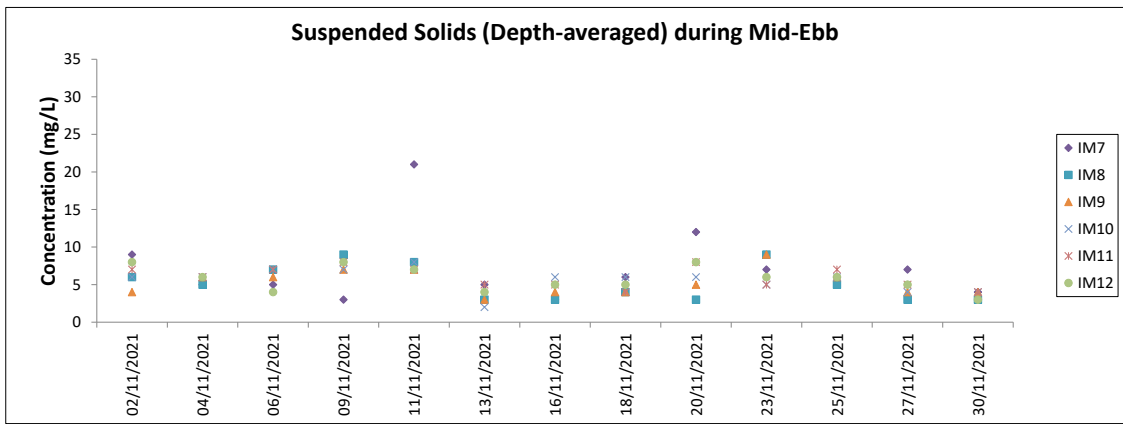
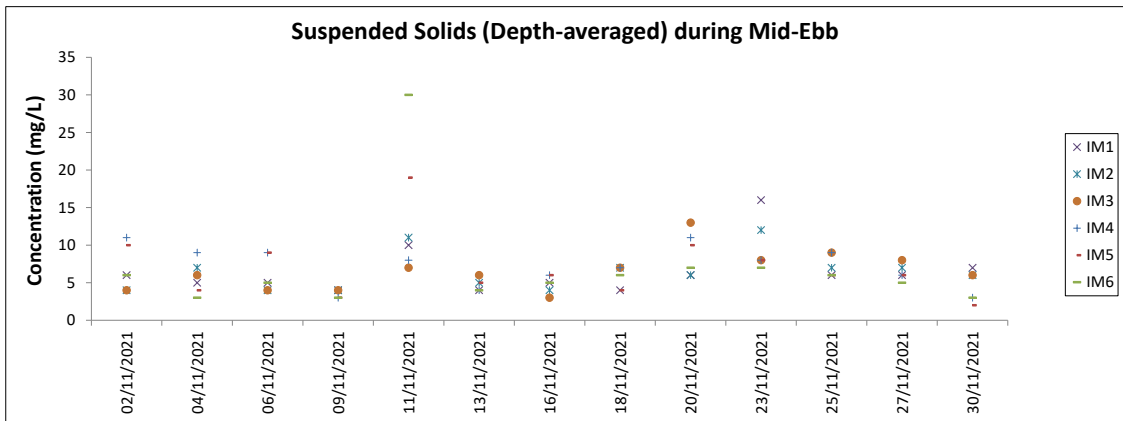
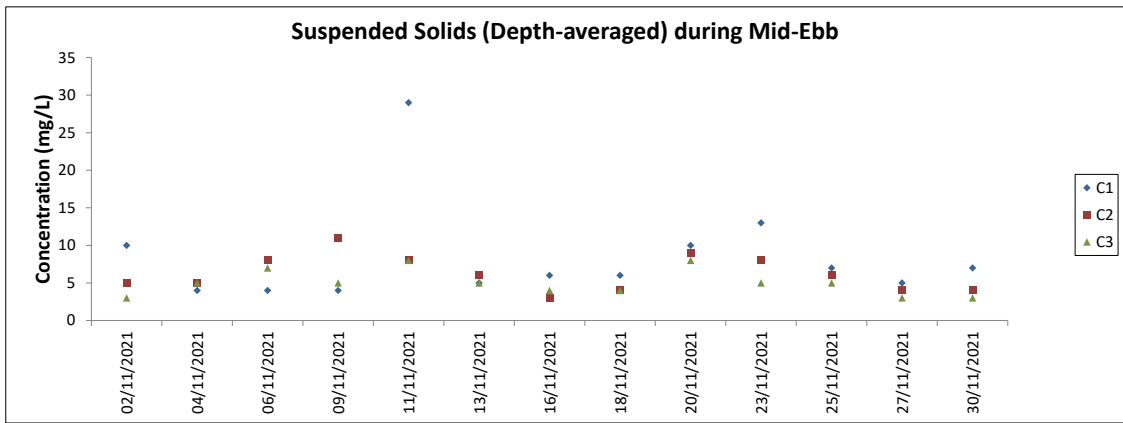




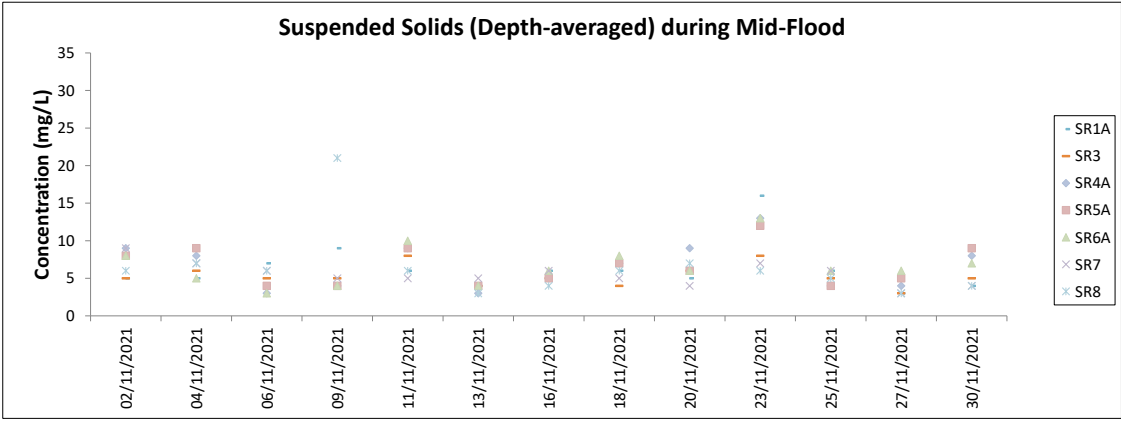
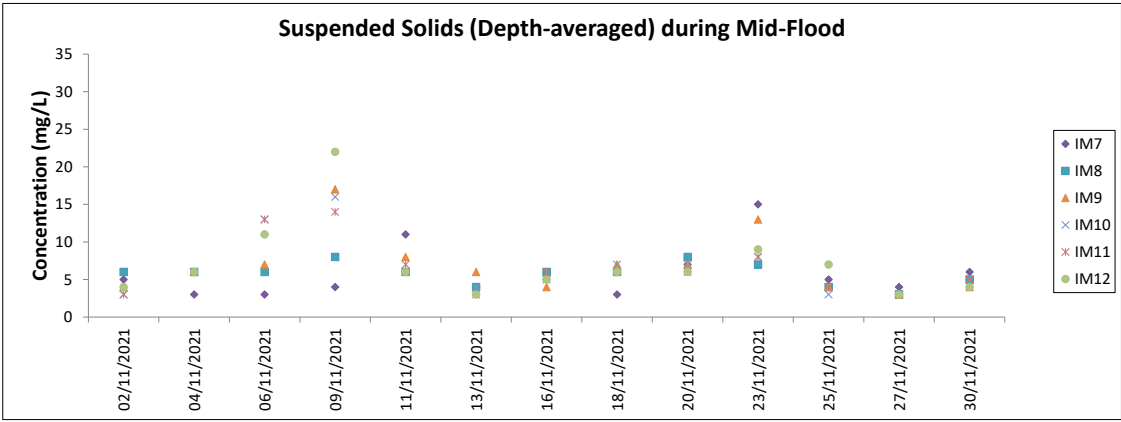
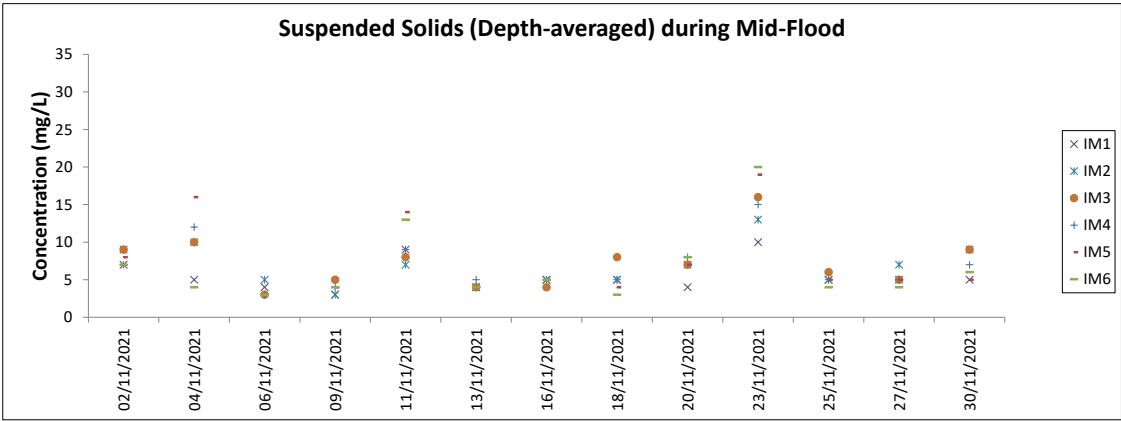
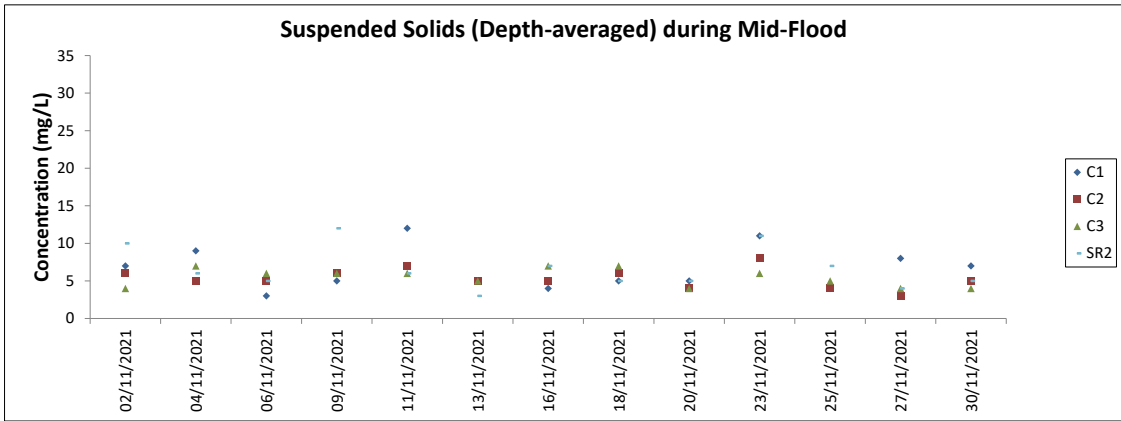
Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.



Note: The Action and Limit Level of turbidity 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.



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.

Chinese White Dolphin Monitoring Results

CWD Small Vessel Line-transect Survey

Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
6-Sep-21	NEL	2	36.750	AUTUMN	32166	3RS ET	P
6-Sep-21	NEL	2	8.950	AUTUMN	32166	3RS ET	S
6-Sep-21	NEL	3	1.200	AUTUMN	32166	3RS ET	S
7-Sep-21	NWL	2	19.780	AUTUMN	32166	3RS ET	P
7-Sep-21	NWL	3	37.420	AUTUMN	32166	3RS ET	P
7-Sep-21	NWL	4	6.000	AUTUMN	32166	3RS ET	P
7-Sep-21	NWL	2	5.300	AUTUMN	32166	3RS ET	S
7-Sep-21	NWL	3	6.000	AUTUMN	32166	3RS ET	S
7-Sep-21	NWL	4	1.100	AUTUMN	32166	3RS ET	S
8-Sep-21	SWL	2	28.388	AUTUMN	32166	3RS ET	P
8-Sep-21	SWL	3	23.140	AUTUMN	32166	3RS ET	P
8-Sep-21	SWL	2	10.386	AUTUMN	32166	3RS ET	S
8-Sep-21	SWL	3	4.150	AUTUMN	32166	3RS ET	S
10-Sep-21	NEL	2	7.300	AUTUMN	32166	3RS ET	P
10-Sep-21	NEL	3	26.580	AUTUMN	32166	3RS ET	P
10-Sep-21	NEL	4	3.200	AUTUMN	32166	3RS ET	P
10-Sep-21	NEL	2	2.820	AUTUMN	32166	3RS ET	S
10-Sep-21	NEL	3	7.300	AUTUMN	32166	3RS ET	S
14-Sep-21	SWL	2	29.785	AUTUMN	32166	3RS ET	P
14-Sep-21	SWL	3	20.800	AUTUMN	32166	3RS ET	P
14-Sep-21	SWL	4	2.450	AUTUMN	32166	3RS ET	P
14-Sep-21	SWL	2	9.852	AUTUMN	32166	3RS ET	S
14-Sep-21	SWL	3	7.200	AUTUMN	32166	3RS ET	S
16-Sep-21	AW	2	4.860	AUTUMN	32166	3RS ET	P
16-Sep-21	WL	2	9.094	AUTUMN	32166	3RS ET	P
16-Sep-21	WL	3	5.730	AUTUMN	32166	3RS ET	P
16-Sep-21	WL	2	3.753	AUTUMN	32166	3RS ET	S
16-Sep-21	WL	3	4.210	AUTUMN	32166	3RS ET	S
20-Sep-21	NWL	2	57.280	AUTUMN	32166	3RS ET	P
20-Sep-21	NWL	3	6.990	AUTUMN	32166	3RS ET	P
20-Sep-21	NWL	2	9.500	AUTUMN	32166	3RS ET	S
20-Sep-21	NWL	3	1.630	AUTUMN	32166	3RS ET	S
23-Sep-21	AW	2	1.200	AUTUMN	32166	3RS ET	P
23-Sep-21	AW	3	3.820	AUTUMN	32166	3RS ET	P
23-Sep-21	WL	2	6.040	AUTUMN	32166	3RS ET	P
23-Sep-21	WL	3	7.319	AUTUMN	32166	3RS ET	P
23-Sep-21	WL	4	4.400	AUTUMN	32166	3RS ET	P
23-Sep-21	WL	2	5.350	AUTUMN	32166	3RS ET	S
23-Sep-21	WL	3	3.161	AUTUMN	32166	3RS ET	S
23-Sep-21	WL	4	2.090	AUTUMN	32166	3RS ET	S
6-Oct-21	AW	3	1.940	AUTUMN	32166	3RS ET	P
6-Oct-21	AW	4	3.010	AUTUMN	32166	3RS ET	P
6-Oct-21	WL	3	9.820	AUTUMN	32166	3RS ET	P
6-Oct-21	WL	4	7.360	AUTUMN	32166	3RS ET	P
6-Oct-21	WL	3	7.509	AUTUMN	32166	3RS ET	S
6-Oct-21	WL	4	2.190	AUTUMN	32166	3RS ET	S
7-Oct-21	NWL	3	39.660	AUTUMN	32166	3RS ET	P

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
7-Oct-21	NWL	4	24.540	AUTUMN	32166	3RS ET	P
7-Oct-21	NWL	3	6.400	AUTUMN	32166	3RS ET	S
7-Oct-21	NWL	4	4.900	AUTUMN	32166	3RS ET	S
11-Oct-21	NWL	3	52.100	AUTUMN	32166	3RS ET	P
11-Oct-21	NWL	4	12.000	AUTUMN	32166	3RS ET	P
11-Oct-21	NWL	3	8.300	AUTUMN	32166	3RS ET	S
11-Oct-21	NWL	4	3.000	AUTUMN	32166	3RS ET	S
15-Oct-21	NEL	2	32.840	AUTUMN	32166	3RS ET	P
15-Oct-21	NEL	3	3.730	AUTUMN	32166	3RS ET	P
15-Oct-21	NEL	2	8.100	AUTUMN	32166	3RS ET	S
15-Oct-21	NEL	3	1.930	AUTUMN	32166	3RS ET	S
18-Oct-21	NEL	2	26.460	AUTUMN	32166	3RS ET	P
18-Oct-21	NEL	3	10.780	AUTUMN	32166	3RS ET	P
18-Oct-21	NEL	2	6.840	AUTUMN	32166	3RS ET	S
18-Oct-21	NEL	3	3.220	AUTUMN	32166	3RS ET	S
19-Oct-21	AW	2	1.870	AUTUMN	32166	3RS ET	P
19-Oct-21	AW	3	2.940	AUTUMN	32166	3RS ET	P
19-Oct-21	WL	2	12.638	AUTUMN	32166	3RS ET	P
19-Oct-21	WL	3	5.821	AUTUMN	32166	3RS ET	P
19-Oct-21	WL	2	5.544	AUTUMN	32166	3RS ET	S
19-Oct-21	WL	3	3.723	AUTUMN	32166	3RS ET	S
20-Oct-21	SWL	3	19.450	AUTUMN	32166	3RS ET	P
20-Oct-21	SWL	4	33.040	AUTUMN	32166	3RS ET	P
20-Oct-21	SWL	5	3.800	AUTUMN	32166	3RS ET	P
20-Oct-21	SWL	3	8.320	AUTUMN	32166	3RS ET	S
20-Oct-21	SWL	4	4.890	AUTUMN	32166	3RS ET	S
20-Oct-21	SWL	5	0.900	AUTUMN	32166	3RS ET	S
27-Oct-21	SWL	2	13.470	AUTUMN	32166	3RS ET	P
27-Oct-21	SWL	3	39.770	AUTUMN	32166	3RS ET	P
27-Oct-21	SWL	2	5.020	AUTUMN	32166	3RS ET	S
27-Oct-21	SWL	3	12.150	AUTUMN	32166	3RS ET	S
2-Nov-21	NEL	2	3.500	AUTUMN	32166	3RS ET	P
2-Nov-21	NEL	3	25.180	AUTUMN	32166	3RS ET	P
2-Nov-21	NEL	4	8.390	AUTUMN	32166	3RS ET	P
2-Nov-21	NEL	2	2.700	AUTUMN	32166	3RS ET	S
2-Nov-21	NEL	3	6.030	AUTUMN	32166	3RS ET	S
2-Nov-21	NEL	4	0.900	AUTUMN	32166	3RS ET	S
3-Nov-21	AW	2	2.830	AUTUMN	32166	3RS ET	P
3-Nov-21	AW	3	1.910	AUTUMN	32166	3RS ET	P
3-Nov-21	WL	2	13.015	AUTUMN	32166	3RS ET	P
3-Nov-21	WL	3	4.635	AUTUMN	32166	3RS ET	P
3-Nov-21	WL	4	2.430	AUTUMN	32166	3RS ET	P
3-Nov-21	WL	2	5.150	AUTUMN	32166	3RS ET	S
3-Nov-21	WL	3	3.530	AUTUMN	32166	3RS ET	S
3-Nov-21	WL	4	2.100	AUTUMN	32166	3RS ET	S
4-Nov-21	AW	2	4.780	AUTUMN	32166	3RS ET	P
4-Nov-21	WL	2	15.006	AUTUMN	32166	3RS ET	P
4-Nov-21	WL	4	4.543	AUTUMN	32166	3RS ET	P
4-Nov-21	WL	2	6.324	AUTUMN	32166	3RS ET	S

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
4-Nov-21	WL	4	2.097	AUTUMN	32166	3RS ET	S
5-Nov-21	SWL	3	48.320	AUTUMN	32166	3RS ET	P
5-Nov-21	SWL	4	6.250	AUTUMN	32166	3RS ET	P
5-Nov-21	SWL	3	15.130	AUTUMN	32166	3RS ET	S
5-Nov-21	SWL	4	1.000	AUTUMN	32166	3RS ET	S
8-Nov-21	NEL	3	15.680	AUTUMN	32166	3RS ET	P
8-Nov-21	NEL	4	21.020	AUTUMN	32166	3RS ET	P
8-Nov-21	NEL	3	5.800	AUTUMN	32166	3RS ET	S
8-Nov-21	NEL	4	4.300	AUTUMN	32166	3RS ET	S
10-Nov-21	NWL	3	47.000	AUTUMN	32166	3RS ET	P
10-Nov-21	NWL	4	16.600	AUTUMN	32166	3RS ET	P
10-Nov-21	NWL	3	11.200	AUTUMN	32166	3RS ET	S
10-Nov-21	NWL	4	1.200	AUTUMN	32166	3RS ET	S
11-Nov-21	SWL	2	45.610	AUTUMN	32166	3RS ET	P
11-Nov-21	SWL	3	8.300	AUTUMN	32166	3RS ET	P
11-Nov-21	SWL	2	15.490	AUTUMN	32166	3RS ET	S
11-Nov-21	SWL	3	0.500	AUTUMN	32166	3RS ET	S
12-Nov-21	NWL	3	53.300	AUTUMN	32166	3RS ET	P
12-Nov-21	NWL	4	10.400	AUTUMN	32166	3RS ET	P
12-Nov-21	NWL	3	9.700	AUTUMN	32166	3RS ET	S
12-Nov-21	NWL	4	1.900	AUTUMN	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
8-Sep-21	1	1312	FP	4	SWL	2	119	ON	3RS ET	22.1520	113.8973	AUTUMN	NONE	P
8-Sep-21	2	1350	CWD	1	SWL	2	141	ON	3RS ET	22.2059	113.8879	AUTUMN	NONE	P
8-Sep-21	3	1436	CWD	1	SWL	3	133	ON	3RS ET	22.1733	113.8687	AUTUMN	NONE	P
8-Sep-21	4	1502	CWD	3	SWL	2	95	ON	3RS ET	22.1946	113.8587	AUTUMN	NONE	P
8-Sep-21	5	1537	CWD	6	SWL	3	729	ON	3RS ET	22.1754	113.8499	AUTUMN	NONE	P
14-Sep-21	1	1037	FP	3	SWL	2	157	ON	3RS ET	22.1819	113.9359	AUTUMN	NONE	P
14-Sep-21	2	1048	FP	1	SWL	2	170	ON	3RS ET	22.1602	113.9368	AUTUMN	NONE	P
14-Sep-21	3	1050	FP	4	SWL	2	35	ON	3RS ET	22.1577	113.9368	AUTUMN	NONE	P
14-Sep-21	4	1108	FP	2	SWL	2	179	ON	3RS ET	22.1582	113.9277	AUTUMN	NONE	P
14-Sep-21	5	1114	FP	5	SWL	2	234	ON	3RS ET	22.1666	113.9280	AUTUMN	NONE	P
14-Sep-21	6	1123	FP	2	SWL	2	63	ON	3RS ET	22.1830	113.9276	AUTUMN	NONE	P
16-Sep-21	1	1044	CWD	1	WL	3	154	ON	3RS ET	22.2606	113.8501	AUTUMN	NONE	P
16-Sep-21	2	1123	CWD	3	WL	3	170	ON	3RS ET	22.2410	113.8409	AUTUMN	NONE	P
16-Sep-21	3	1151	CWD	9	WL	2	67	ON	3RS ET	22.2255	113.8318	AUTUMN	NONE	P
16-Sep-21	4	1221	CWD	2	WL	2	215	ON	3RS ET	22.2051	113.8324	AUTUMN	NONE	P
16-Sep-21	5	1236	CWD	3	WL	2	141	ON	3RS ET	22.2012	113.8245	AUTUMN	NONE	S
16-Sep-21	6	1250	CWD	10	WL	2	208	ON	3RS ET	22.1961	113.8416	AUTUMN	NONE	P
16-Sep-21	7	1308	CWD	1	WL	2	31	ON	3RS ET	22.1926	113.8425	AUTUMN	NONE	S
20-Sep-21	1	1201	CWD	3	NWL	2	7	ON	3RS ET	22.3859	113.8781	AUTUMN	NONE	P
23-Sep-21	1	1046	CWD	1	WL	2	71	ON	3RS ET	22.2608	113.8454	AUTUMN	NONE	P
23-Sep-21	2	1110	CWD	2	WL	2	1497	ON	3RS ET	22.2444	113.8491	AUTUMN	NONE	S
23-Sep-21	3	1203	CWD	6	WL	3	22	ON	3RS ET	22.2139	113.8312	AUTUMN	NONE	P
6-Oct-21	1	1049	CWD	1	WL	3	47	ON	3RS ET	22.2604	113.8535	AUTUMN	NONE	S
6-Oct-21	2	1107	CWD	3	WL	3	32	ON	3RS ET	22.2607	113.8427	AUTUMN	NONE	P
6-Oct-21	3	1137	CWD	1	WL	3	94	ON	3RS ET	22.2413	113.8391	AUTUMN	NONE	P
6-Oct-21	4	1153	CWD	13	WL	3	162	ON	3RS ET	22.2318	113.8280	AUTUMN	NONE	P
6-Oct-21	5	1220	CWD	1	WL	3	15	ON	3RS ET	22.2317	113.8341	AUTUMN	NONE	P
6-Oct-21	6	1246	CWD	8	WL	3	100	ON	3RS ET	22.2140	113.8308	AUTUMN	NONE	P
19-Oct-21	1	1023	CWD	4	WL	2	192	ON	3RS ET	22.2706	113.8447	AUTUMN	NONE	P
19-Oct-21	2	1037	CWD	2	WL	2	201	ON	3RS ET	22.2689	113.8501	AUTUMN	NONE	P
19-Oct-21	3	1054	CWD	1	WL	2	355	ON	3RS ET	22.2651	113.8587	AUTUMN	NONE	S
19-Oct-21	4	1134	CWD	3	WL	3	93	ON	3RS ET	22.2342	113.8244	AUTUMN	NONE	S

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
19-Oct-21	5	1159	CWD	1	WL	2	282	ON	3RS ET	22.2242	113.8232	AUTUMN	NONE	P
19-Oct-21	6	1204	CWD	1	WL	3	54	ON	3RS ET	22.2225	113.8214	AUTUMN	SHRIMP TRAWLER	P
27-Oct-21	1	1100	FP	4	SWL	3	47	ON	3RS ET	22.1431	113.9276	AUTUMN	NONE	S
27-Oct-21	2	1111	FP	3	SWL	3	398	ON	3RS ET	22.1629	113.9275	AUTUMN	NONE	P
27-Oct-21	3	1240	CWD	1	SWL	2	218	ON	3RS ET	22.2046	113.9073	AUTUMN	NONE	P
3-Nov-21	1	1102	CWD	1	WL	2	63	ON	3RS ET	22.2610	113.8531	AUTUMN	NONE	S
3-Nov-21	2	1140	CWD	2	WL	2	229	ON	3RS ET	22.2414	113.8311	AUTUMN	NONE	P
3-Nov-21	3	1248	CWD	1	WL	4	75	ON	3RS ET	22.1869	113.8395	AUTUMN	NONE	P
4-Nov-21	1	1038	CWD	3	WL	2	87	ON	3RS ET	22.2664	113.8593	AUTUMN	NONE	S
4-Nov-21	2	1101	CWD	7	WL	2	296	ON	3RS ET	22.2603	113.8428	AUTUMN	NONE	P
4-Nov-21	3	1154	CWD	6	WL	2	286	ON	3RS ET	22.2244	113.8372	AUTUMN	NONE	S
4-Nov-21	4	1224	CWD	1	WL	2	171	ON	3RS ET	22.2240	113.8236	AUTUMN	NONE	P
4-Nov-21	5	1242	CWD	5	WL	2	32	ON	3RS ET	22.2142	113.8315	AUTUMN	NONE	P
5-Nov-21	1	1306	FP	2	SWL	3	95	ON	3RS ET	22.1643	113.8970	AUTUMN	NONE	P
11-Nov-21	1	1456	CWD	7	SWL	3	375	ON	3RS ET	22.1853	113.8486	AUTUMN	NONE	P

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 370.620 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 8 on-effort sightings and total number of 32 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in November 2021 are shown as below:

Encounter Rate by Number of Dolphin Sightings (STG) in November 2021

$$STG = \frac{8}{370.620} \times 100 = 2.16$$

Encounter Rate by Number of Dolphins (ANI) in November 2021

$$ANI = \frac{32}{370.620} \times 100 = 8.63$$

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

A total of 1144.003 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 36 on-effort sightings and total number of 124 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)









$$STG = \frac{36}{1144.003} \times 100 = 3.15$$

Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{124}{1144.003} \times 100 = 10.84$$

CWD Small Vessel Line-transect Survey

Photo Identification

	
WLMM043_20211103_1_1	WLMM003_20211104_1_1
	
WLMM043_20211104_1_4	SLMM058_20211104_2_5
	
WLMM071_20211104_2_2	WLMM149_20211104_2_4
	
SLMM003_20211104_3_1	SLMM010_20211104_3_3



SLMM037_20211104_3_2



WLMM079_20211104_3_2



WLMM114_20211104_3_3



SLMM066_20211104_4_1



SLMM012_20211104_5_4



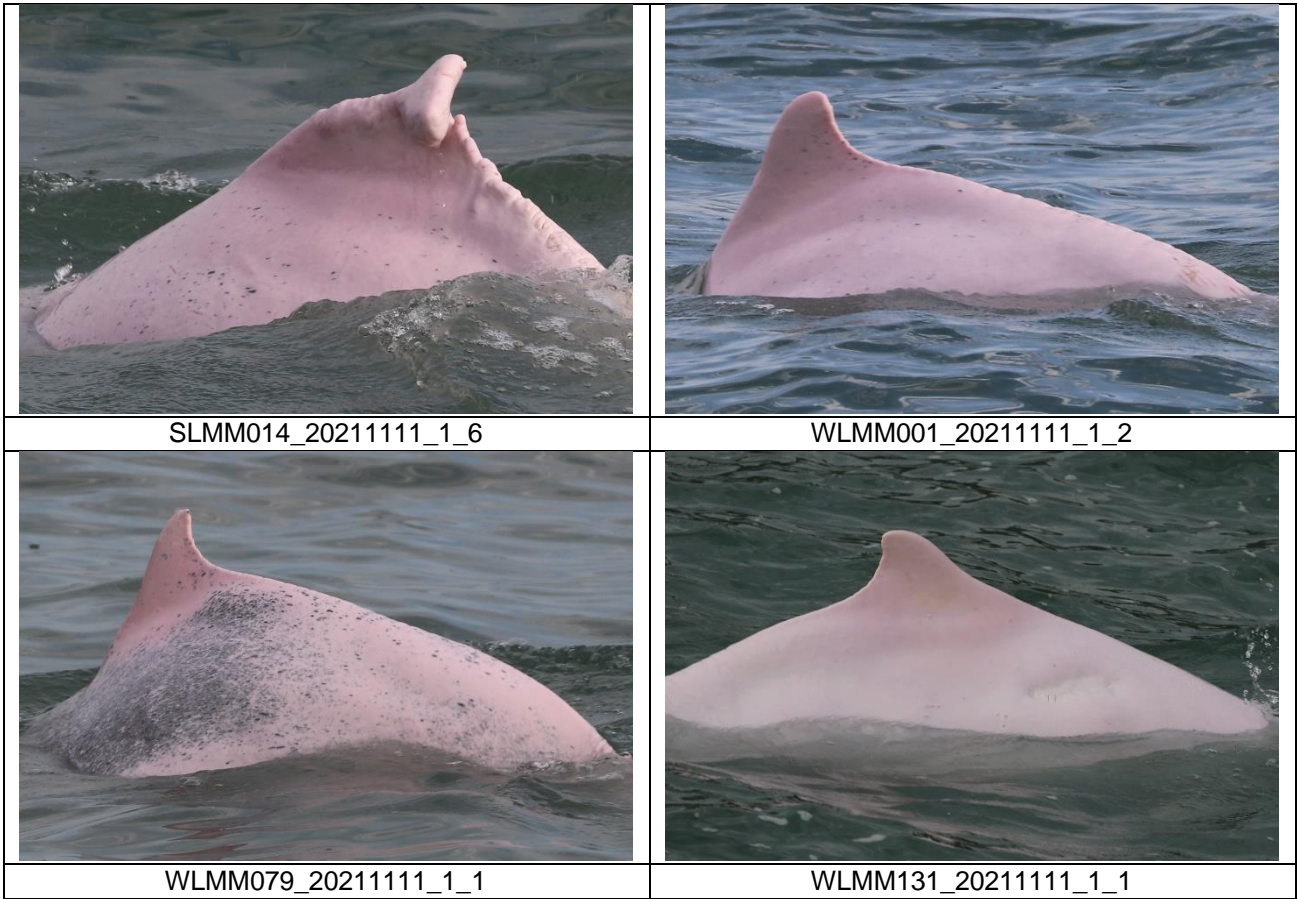
SLMM027_20211104_5_8



SLMM037_20211104_5_6



SLMM003_20211111_1_1



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

Date	Station	Start Time	End Time	Duration	Beaufort Range	Visibility	No. of Focal Follow Dolphin Groups Tracked	Dolphin Group Size Range
8/Nov/21	Sha Chau	10:41	16:41	6:00	2-3	2	0	0
29/Nov/21	Lung Kwu Chau	8:45	14:45	6:00	2-3	2-3	2	2-3

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