Appendix C. Monitoring Results

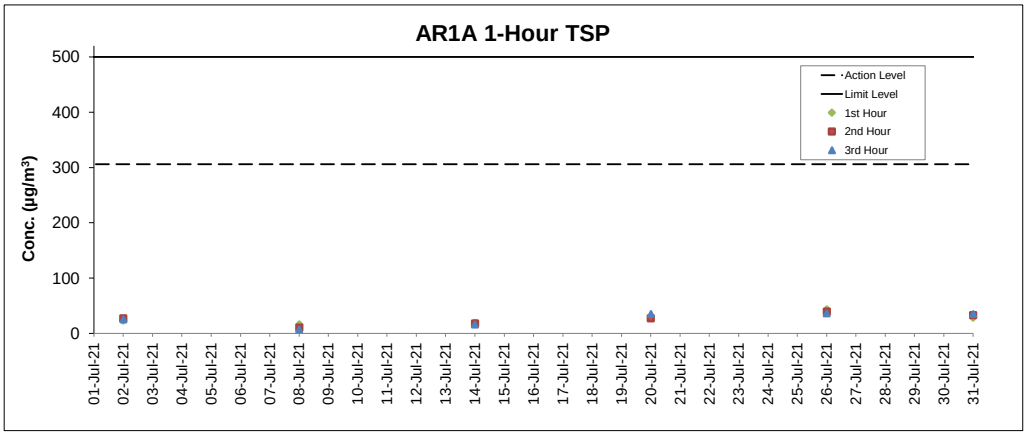
Air Quality Monitoring Results

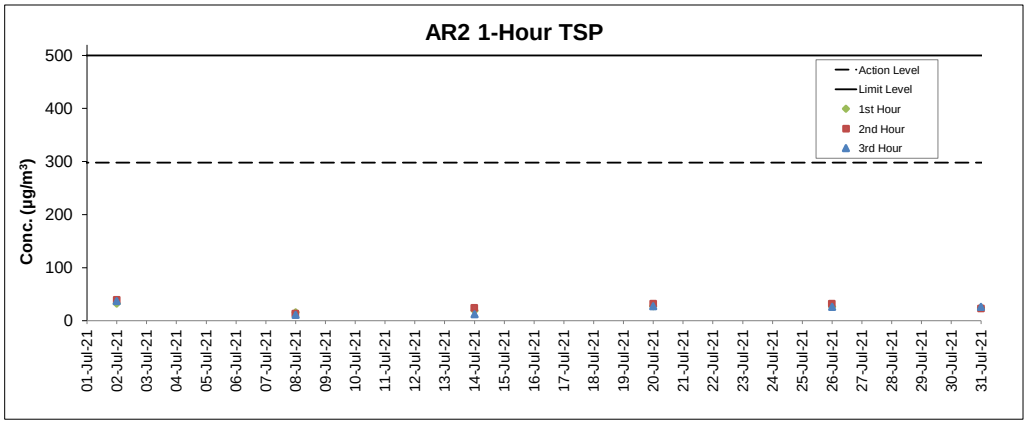
1-hour TSP Results
Station: AR1A- Man Tung Road Park

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP (μg/m^3)	Action Level (μg/m^3)	Limit Level (μg/m^3)
02-Jul-21	13:35	Cloudy	8.3	222	23	306	500
02-Jul-21	14:35	Cloudy	7.8	229	27	306	500
02-Jul-21	15:35	Cloudy	7.8	224	25	306	500
08-Jul-21	14:22	Sunny	5.3	159	16	306	500
08-Jul-21	15:22	Sunny	6.7	151	10	306	500
08-Jul-21	16:22	Sunny	6.7	155	7	306	500
14-Jul-21	13:40	Sunny	4.4	251	19	306	500
14-Jul-21	14:40	Sunny	2.5	Variable	18	306	500
14-Jul-21	15:40	Sunny	1.1	Variable	16	306	500
20-Jul-21	14:55	Cloudy	6.1	82	28	306	500
20-Jul-21	15:55	Cloudy	4.4	69	27	306	500
20-Jul-21	16:55	Cloudy	5.0	100	35	306	500
26-Jul-21	13:42	Sunny	3.3	292	43	306	500
26-Jul-21	14:42	Sunny	3.3	262	39	306	500
26-Jul-21	15:42	Sunny	5.0	240	36	306	500
31-Jul-21	13:46	Cloudy	6.9	225	28	306	500
31-Jul-21	14:46	Cloudy	7.2	228	33	306	500
31-Jul-21	15:46	Cloudy	7.8	226	35	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 (μg/m^3)	Action Level (μg/m^3)	Limit Level (μg/m^3)
02-Jul-21	13:53	Sunny	7.8	229	32	298	500
02-Jul-21	14:53	Sunny	7.2	225	39	298	500
02-Jul-21	15:53	Sunny	7.5	222	37	298	500
08-Jul-21	13:32	Sunny	6.1	154	16	298	500
08-Jul-21	14:32	Sunny	5.0	162	13	298	500
08-Jul-21	15:32	Sunny	6.1	149	11	298	500
14-Jul-21	13:48	Sunny	4.4	239	19	298	500
14-Jul-21	14:48	Sunny	2.5	Variable	24	298	500
14-Jul-21	15:48	Sunny	1.1	Variable	12	298	500
20-Jul-21	13:35	Cloudy	6.1	87	27	298	500
20-Jul-21	14:35	Cloudy	6.4	79	32	298	500
20-Jul-21	15:35	Cloudy	2.8	99	27	298	500
26-Jul-21	13:37	Sunny	2.8	291	26	298	500
26-Jul-21	14:37	Sunny	3.3	278	32	298	500
26-Jul-21	15:37	Sunny	4.7	241	26	298	500
31-Jul-21	9:39	Cloudy	3.3	242	24	298	500
31-Jul-21	10:39	Cloudy	3.6	234	23	298	500
31-Jul-21	11:39	Cloudy	5.8	230	26	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) ^
02-Jul-21	Cloudy	14:12	69.8	59.5	70
02-Jul-21	Cloudy	14:17	71.0	61.3	
02-Jul-21	Cloudy	14:22	71.8	61.0	
02-Jul-21	Cloudy	14:27	66.0	57.2	
02-Jul-21	Cloudy	14:32	65.0	57.0	
02-Jul-21	Cloudy	14:37	63.8	54.6	
08-Jul-21	Sunny	13:23	74.2	55.9	73
08-Jul-21	Sunny	13:28	67.8	52.4	
08-Jul-21	Sunny	13:33	73.5	57.1	
08-Jul-21	Sunny	13:38	73.8	66.2	
08-Jul-21	Sunny	13:43	72.7	63.0	
08-Jul-21	Sunny	13:48	72.9	59.1	
14-Jul-21	Sunny	13:56	67.1	55.4	70
14-Jul-21	Sunny	14:01	72.9	59.1	
14-Jul-21	Sunny	14:06	72.4	60.1	
14-Jul-21	Sunny	14:11	72.9	60.2	
14-Jul-21	Sunny	14:16	71.8	58.7	
14-Jul-21	Sunny	14:21	70.8	60.1	
20-Jul-21	Cloudy	13:20	73.4	57.4	71
20-Jul-21	Cloudy	13:25	71.9	65.5	
20-Jul-21	Cloudy	13:30	68.6	64.6	
20-Jul-21	Cloudy	13:35	69.6	61.1	
20-Jul-21	Cloudy	13:40	70.4	57.9	
20-Jul-21	Cloudy	13:45	71.3	57.9	
26-Jul-21	Sunny	13:53	72.4	51.4	71
26-Jul-21	Sunny	13:58	72.2	50.6	
26-Jul-21	Sunny	14:03	74.6	49.7	
26-Jul-21	Sunny	14:08	71.6	49.3	
26-Jul-21	Sunny	14:13	71.4	49.4	
26-Jul-21	Sunny	14:18	73.2	51.4	

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) ^
05-Jul-21	Cloudy	10:56	62.5	57.6	63
05-Jul-21	Cloudy	11:01	62.4	57.9	
05-Jul-21	Cloudy	11:06	61.9	58.1	
05-Jul-21	Cloudy	11:11	60.8	57.7	
05-Jul-21	Cloudy	11:16	62.7	57.9	
05-Jul-21	Cloudy	11:21	61.7	58.3	
15-Jul-21	Cloudy	13:00	61.4	57.4	63
15-Jul-21	Cloudy	13:05	60.6	56.2	
15-Jul-21	Cloudy	13:10	61.5	56.8	
15-Jul-21	Cloudy	13:15	62.3	56.8	
15-Jul-21	Cloudy	13:20	61.9	57.6	
15-Jul-21	Cloudy	13:25	61.2	57.5	
19-Jul-21	Cloudy	12:45	61.3	55.3	63
19-Jul-21	Cloudy	12:50	60.6	55.9	
19-Jul-21	Cloudy	12:55	64.6	59.0	
19-Jul-21	Cloudy	13:00	62.6	59.6	
19-Jul-21	Cloudy	13:05	64.3	51.2	
19-Jul-21	Cloudy	13:10	52.2	48.5	
27-Jul-21	Sunny	13:16	62.3	58.5	60*
27-Jul-21	Sunny	13:21	60.8	57.3	
27-Jul-21	Sunny	13:26	64.4	58.5	
27-Jul-21	Sunny	13:31	68.0	59.7	
27-Jul-21	Sunny	13:36	65.6	59.4	
27-Jul-21	Sunny	13:41	64.2	59.4	

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.
Limit Level at NM4 was reduced to 65dB(A) during school examination periods. Pre-Secondary 1 Hong Kong Attainment Test took place on 13 July during this reporting period.

Noise Measurement Results
Station: NM5- Village House, Tin Sum

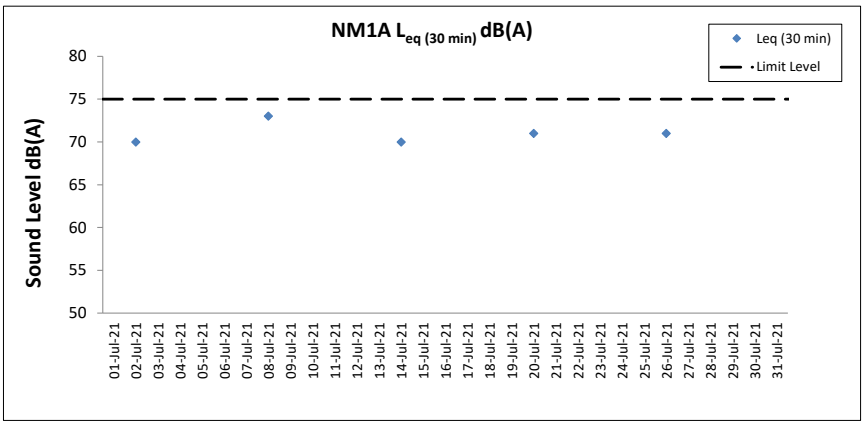
Date	Weather	Time	Measured L_{10} dB(A)	Measured L_{90} dB(A)	$L_{eq(30mins)}$ dB(A) ^
02-Jul-21	Sunny	13:40	53.0	45.0	54
02-Jul-21	Sunny	13:45	56.8	45.2	
02-Jul-21	Sunny	13:50	52.3	42.9	
02-Jul-21	Sunny	13:55	53.5	44.9	
02-Jul-21	Sunny	14:00	53.3	45.6	
02-Jul-21	Sunny	14:05	50.1	44.1	
08-Jul-21	Sunny	14:14	56.7	51.7	62*
08-Jul-21	Sunny	14:19	66.8	55.2	
08-Jul-21	Sunny	14:24	63.3	57.7	
08-Jul-21	Sunny	14:29	60.9	56.0	
08-Jul-21	Sunny	14:34	61.7	54.4	
08-Jul-21	Sunny	14:39	63.5	54.1	
14-Jul-21	Sunny	12:47	52.8	44.0	53
14-Jul-21	Sunny	12:52	49.0	41.7	
14-Jul-21	Sunny	12:57	49.2	42.2	
14-Jul-21	Sunny	13:02	54.4	44.5	
14-Jul-21	Sunny	13:07	53.2	44.2	
14-Jul-21	Sunny	13:12	48.6	44.3	
20-Jul-21	Cloudy	13:49	59.7	53.4	61*
20-Jul-21	Cloudy	13:54	58.8	53.3	
20-Jul-21	Cloudy	13:59	67.1	59.8	
20-Jul-21	Cloudy	14:04	59.6	56.3	
20-Jul-21	Cloudy	14:09	58.2	54.6	
20-Jul-21	Cloudy	14:14	58.8	54.3	
26-Jul-21	Sunny	13:08	53.8	50.4	56
26-Jul-21	Sunny	13:13	54.6	50.0	
26-Jul-21	Sunny	13:18	53.9	49.7	
26-Jul-21	Sunny	13:23	52.8	49.0	
26-Jul-21	Sunny	13:28	52.1	49.3	
26-Jul-21	Sunny	13:33	64.6	49.1	

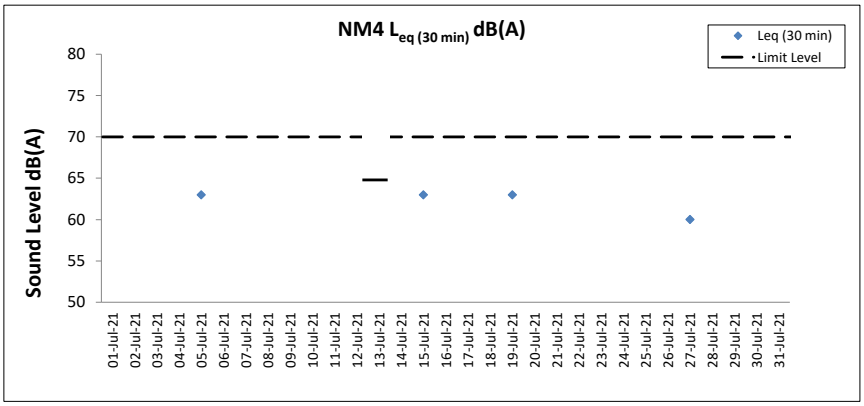
Remarks:
(^) +3dB (A) correction in Leq(30mins) dB(A) was applied to free-field measurement.
(*) The measurement result was corrected with reference to the baseline monitoring levels.

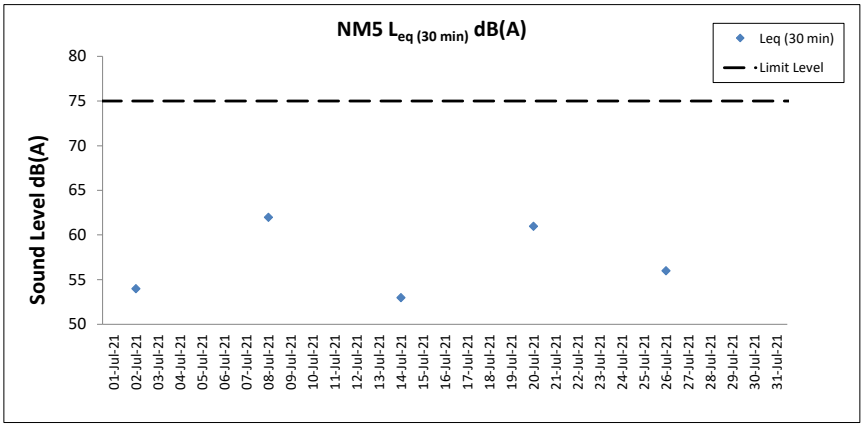
Noise Measurement Results
Station: NM6- House No.1 Sha Lo Wan

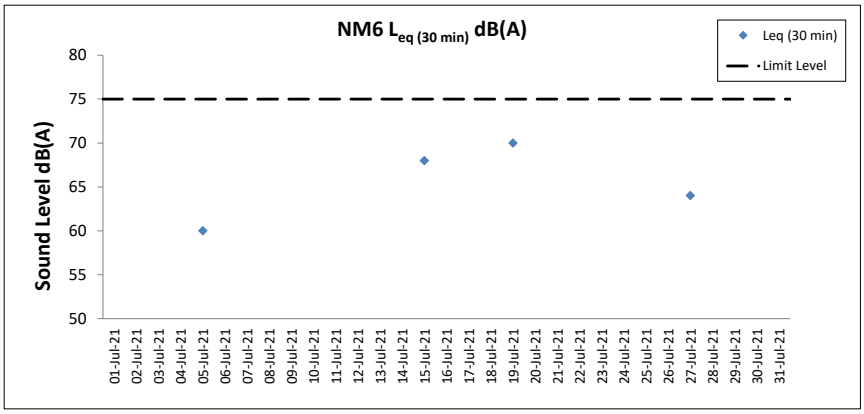
Date	Weather	Time	Measured L_{10} dB(A)	Measured L_{90} dB(A)	$L_{eq(30mins)}$ dB(A) ^
05-Jul-21	Cloudy	13:41	54.2	45.4	60
05-Jul-21	Cloudy	13:46	55.9	41.8	
05-Jul-21	Cloudy	13:51	54.6	42.2	
05-Jul-21	Cloudy	13:56	53.4	47.4	
05-Jul-21	Cloudy	14:01	67.6	53.1	
05-Jul-21	Cloudy	14:06	58.7	42.2	
15-Jul-21	Sunny	15:45	71.3	55.0	68
15-Jul-21	Sunny	15:50	70.2	54.9	
15-Jul-21	Sunny	15:55	71.1	54.9	
15-Jul-21	Sunny	16:00	66.5	54.3	
15-Jul-21	Sunny	16:05	57.7	53.5	
15-Jul-21	Sunny	16:10	57.1	53.6	
19-Jul-21	Cloudy	15:38	72.5	53.2	70*
19-Jul-21	Cloudy	15:43	72.5	56.2	
19-Jul-21	Cloudy	15:48	76.1	56.4	
19-Jul-21	Cloudy	15:53	58.7	52.7	
19-Jul-21	Cloudy	15:58	62.4	54.2	
19-Jul-21	Cloudy	16:03	71.6	56.2	
27-Jul-21	Sunny	15:47	62.6	47.0	64
27-Jul-21	Sunny	15:52	65.4	44.3	
27-Jul-21	Sunny	15:57	66.6	51.6	
27-Jul-21	Sunny	16:02	65.0	47.3	
27-Jul-21	Sunny	16:07	58.7	41.7	
27-Jul-21	Sunny	16:12	65.3	42.0	

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 01 July 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	17:34	9.0	Surface	1.0	0.3	207	27.9	27.9	8.3	8.3	16.6	16.6	112.2	112.2	7.7	6.8	7.6	11.0	3	3	815636	804246
						1.0	0.3	221	27.9		8.3		16.6		112.1		7.7		7.6		3			
					Middle	4.5	0.2	221	27.1	27.1	8.2	8.2	23.0	23.1	86.3	86.3	5.8		8.8		3			
						4.5	0.2	223	27.1		8.2		23.1		86.2		5.8		8.9		3			
					Bottom	8.0	0.3	213	26.8	26.8	8.1	8.1	26.0	25.7	71.9	72.0	4.8	4.8	16.5		3			
						8.0	0.3	233	26.8		8.1		25.5		72.0		4.8		16.5		2			
C2	Sunny	Moderate	16:26	12.3	Surface	1.0	0.4	188	29.1	29.1	8.1	8.1	18.4	18.4	99.1	99.1	6.9	5.7	2.1	3.6	2	2	825705	806960
						1.0	0.4	202	29.1		8.1		18.4		99.0		6.9		2.2		3			
					Middle	6.2	0.3	179	27.2	27.2	7.9	7.9	23.9	23.9	65.1	65.0	4.5		2.4		2			
						6.2	0.3	187	27.2		7.9		23.9		64.9		4.5		2.5		3			
					Bottom	11.3	0.3	192	26.9	26.9	7.9	7.9	25.1	25.1	60.9	61.0	4.2	4.2	6.3		2			
						11.3	0.3	192	26.9		7.9		25.2		61.1		4.2		6.3		2			
C3	Sunny	Moderate	18:40	11.3	Surface	1.0	0.2	100	28.9	28.9	8.1	8.1	20.3	20.3	96.7	96.7	6.7	6.2	2.0	1.8	4	3	822112	817779
						1.0	0.2	101	28.9		8.1		20.3		96.7		6.7		2.0		3			
					Middle	5.7	0.3	92	27.7	27.7	8.0	8.0	22.7	22.7	80.0	80.2	5.6		1.8		4			
						5.7	0.3	94	27.7		8.0		22.7		80.4		5.6		1.8		3			
					Bottom	10.3	0.3	76	26.8	26.8	8.0	8.0	25.6	25.6	70.2	70.3	4.9	4.9	1.7		3			
						10.3	0.4	77	26.8		8.0		25.6		70.3		4.9		1.7		3			
IM1	Sunny	Moderate	17:13	5.4	Surface	1.0	0.1	175	28.1	28.1	8.3	8.3	15.6	15.6	108.2	108.2	7.4	7.4	8.2	10.9	3	3	817963	807108
						1.0	0.1	177	28.1		8.3		15.6		108.1		7.4		8.2		2			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.4	0.2	188	27.2	27.2	8.1	8.1	22.1	22.1	80.8	80.9	5.4	5.4	13.6		4			
						4.4	0.2	191	27.2		8.1		22.0		80.9		5.4		13.7		3			
IM2	Sunny	Moderate	17:05	7.8	Surface	1.0	0.2	200	27.9	27.9	8.2	8.2	18.3	18.3	101.6	101.5	6.9	6.4	8.6	15.5	3	3	818153	806185
						1.0	0.2	217	27.9		8.2		18.3		101.4		6.9		8.6		3			
					Middle	3.9	0.2	135	27.4	27.4	8.2	8.2	20.8	20.8	86.8	86.7	5.8		11.5		3			
						3.9	0.2	137	27.5		8.2		20.8		86.5		5.8		11.6		3			
					Bottom	6.8	0.2	186	26.5	26.5	8.1	8.1	26.9	26.9	66.0	66.1	4.4	4.4	26.1		2			
						6.8	0.2	201	26.5		8.1		26.9		66.1		4.4		26.3		3			
IM3	Sunny	Moderate	16:57	8.1	Surface	1.0	0.3	179	28.4	28.4	8.3	8.3	16.8	16.8	108.9	108.9	7.4	6.5	8.5	13.9	2	3	818781	805586
						1.0	0.3	186	28.4		8.3		16.8		108.8		7.4		8.5		3			
					Middle	4.1	0.2	199	27.2	27.2	8.1	8.1	22.2	22.2	81.4	81.4	5.5		11.6		3			
						4.1	0.2	203	27.2		8.1		22.2		81.4		5.5		11.6		3			
					Bottom	7.1	0.2	168	26.8	26.8	8.1	8.1	25.4	25.4	69.8	69.9	4.6	4.6	21.7		3			
						7.1	0.3	181	26.8		8.1		25.3		69.9		4.6		21.5		4			
IM4	Sunny	Moderate	16:47	8.2	Surface	1.0	0.2	203	28.3	28.3	8.2	8.2	16.3	16.3	104.7	104.7	7.1	6.7	7.8	22.2	3	3	819724	804610
						1.0	0.2	206	28.3		8.2		16.3		104.6		7.1		7.8		3			
					Middle	4.1	0.4	213	27.4	27.4	8.2	8.2	21.2	21.2	93.5	93.6	6.3		10.7		2			
						4.1	0.4	225	27.4		8.2		21.1		93.6		6.3		10.7		3			
					Bottom	7.2	0.3	208	26.7	26.7	8.1	8.1	25.6	25.6	68.1	68.2	4.5	4.5	48.3		2			
						7.2	0.3	228	26.7		8.1		25.6		68.2		4.5		48.0		3			
IM5	Sunny	Moderate	16:38	7.6	Surface	1.0	0.3	208	28.3	28.3	8.2	8.2	16.0	16.0	103.2	103.2	7.0	6.1	7.8	16.7	6	5	820755	804853
						1.0	0.3	209	28.3		8.2		16.0		103.1		7.0		7.8		5			
					Middle	3.8	0.3	211	27.1	27.1	8.1	8.1	23.2	23.2	77.2	77.3	5.2		14.0		4			
						3.8	0.3	216	27.1		8.1		23.2		77.3		5.2		14.1		5			
					Bottom	6.6	0.3	209	26.7	26.7	8.1	8.1	25.3	25.3	67.8	67.9	4.5	4.5	28.3		4			
						6.6	0.4	213	26.7		8.1		25.3		68.0		4.5		28.4		4			
IM6	Sunny	Moderate	16:29	7.8	Surface	1.0	0.3	218	28.3	28.3	8.1	8.1	14.9	14.9	98.8	98.8	6.8	6.3	8.0	14.1	4	3	821036	805829
						1.0	0.3	234	28.3		8.1		14.9		98.7		6.8		8.0		3			
					Middle	3.9	0.3	228	27.1	27.1	8.2	8.2	21.5	21.6	84.0	84.0	5.7		9.9		3			
						3.9	0.3	241	27.1		8.2		21.8		83.9		5.7		10.0		2			
					Bottom	6.8	0.3	211	26.8	26.8	8.1	8.1	24.8	24.8	71.2	71.3	4.7	4.8	24.3		3			
						6.8	0.3	219	26.8		8.1		24.8		71.4		4.8		24.3		2			
IM7	Sunny	Moderate	16:21	8.8	Surface	1.0	0.3	223	28.4	28.4	8.2	8.2	14.0	14.0	101.6	101.6	7.0	6.6	7.7	10.3	4	3	821340	806822
						1.0	0.3	239	28.4		8.2		14.0		101.6		7.0		7.7		3			
					Middle	4.4	0.3	231	27.5	27.5	8.2	8.2	19.9	19.9	90.0	90.0	6.1		9.2		3			
						4.4	0.3	250	27.5		8.2		19.9		89.9		6.1		9.2		2			
					Bottom	7.8	0.4	227	27.0	27.0	8.1	8.1	23.9	23.9	73.3	73.3	4.9	4.9	13.9		3			
						7.8	0.4	236	27.0		8.1		23.9		73.3		4.9		13.9		2			
IM8	Sunny	Moderate	16:54	7.6	Surface	1.0	0.2	107	29.0	29.0	8.1	8.1	19.8	19.8	92.7	92.6	6.4	6.0	2.2	3.1	3	3	821829	808134
						1.0	0.3	116	29.0		8.1		19.8		92.5		6.4		2.2		4			
					Middle	3.8	0.2	96	28.3	28.3	8.0	8.0	20.3	20.3	80.6	80.5	5.6		3.3		4			
						3.8	0.2	97	28.2		8.0		20.3		80.4		5.6		3.3		3			
					Bottom	6.6	0.1	71	27.4	27.5	7.9	7.9	22.8	22.8	68.0	67.9	4.7	4.7	3.8		3			
						6.6	0.1	76	27.5		7.9		22.7		67.7		4.7		3.7		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 01 July 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	17:00	7.7	Surface	1.0	0.3	80	28.9	28.9	8.1	8.1	19.2	19.2	91.8	91.8	6.4	5.7	2.4	5.7	2	2	822117	808820
						1.0	0.3	84	28.9		8.1		19.2		91.7		6.4		2.4		3			
					Middle	3.9	0.2	80	27.8	27.8	8.0	8.0	21.6	21.6	71.3	71.3	5.0		7.1		3			
						3.9	0.2	80	27.8		8.0		21.6		71.3		5.0		7.1		2			
					Bottom	6.7	0.3	94	27.2	27.2	7.9	7.9	23.9	23.8	64.6	64.8	4.5	4.5	7.8		2			
						6.7	0.3	98	27.2		7.9		23.8		65.0		4.5		7.6		2			
IM10	Sunny	Moderate	17:08	8.0	Surface	1.0	0.4	114	29.0	29.0	8.0	8.0	19.3	19.3	91.0	91.0	6.3	5.8	2.2	4.6	3	3	822370	809808
						1.0	0.4	123	29.0		8.0		19.3		90.9		6.3		2.2		3			
					Middle	4.0	0.2	95	28.0	28.0	8.0	8.0	21.0	21.0	75.9	75.8	5.3		3.5		3			
						4.0	0.2	96	28.0		8.0		21.0		75.6		5.3		3.5		3			
					Bottom	7.0	0.3	75	27.4	27.4	8.0	8.0	23.1	23.2	67.1	67.2	4.7	4.7	7.9		2			
						7.0	0.3	77	27.4		8.0		23.2		67.2		4.7		8.2		3			
IM11	Sunny	Moderate	17:18	8.2	Surface	1.0	0.4	113	28.8	28.8	8.1	8.1	19.5	19.5	92.5	92.5	6.4	6.1	2.2	3.1	2	2	822064	811446
						1.0	0.4	122	28.8		8.1		19.5		92.5		6.4		2.3		2			
					Middle	4.1	0.2	141	28.2	28.2	8.0	8.0	20.3	20.3	83.5	83.4	5.8		2.2		3			
						4.1	0.2	141	28.2		8.0		20.3		83.2		5.8		2.2		2			
					Bottom	7.2	0.2	83	26.9	26.9	7.9	7.9	24.9	24.9	64.9	65.1	4.5	4.5	4.8		2			
						7.2	0.2	86	26.9		7.9		24.9		65.2		4.5		4.8		2			
IM12	Sunny	Moderate	17:24	9.0	Surface	1.0	0.4	103	28.7	28.7	8.1	8.1	19.7	19.7	91.9	91.9	6.4	6.1	2.0	2.9	3	3	821468	812036
						1.0	0.4	112	28.7		8.1		19.7		91.9		6.4		2.0		4			
					Middle	4.5	0.2	112	28.3	28.3	8.0	8.0	20.6	20.6	84.8	84.4	5.9		2.1		3			
						4.5	0.2	122	28.3		8.0		20.6		84.0		5.8		2.1		3			
					Bottom	8.0	0.2	81	26.9	27.0	8.0	8.0	25.1	25.0	63.4	65.2	4.4	4.5	4.9		2			
						8.0	0.2	83	27.0		8.0		25.0		66.9		4.6		4.6		3			
SR1A	Sunny	Calm	17:57	5.2	Surface	1.0	-	-	28.6	28.6	8.0	8.0	19.8	19.7	88.0	88.0	6.1	6.1	2.4	2.4	3	3	819982	812658
						1.0	-	-	28.6		8.0		19.7		88.0		6.1		2.4		2			
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.6	-	-	-		-		-		-		-		-		-			
					Bottom	4.2	-	-	28.3	28.3	8.0	8.0	20.6	20.6	85.3	85.3	5.9	5.9	2.5		2			
						4.2	-	-	28.3		8.0		20.6		85.2		5.9		2.5		3			
SR2	Sunny	Moderate	18:11	4.7	Surface	1.0	0.2	87	28.7	28.8	8.1	8.1	19.7	19.7	96.0	96.0	6.7	6.7	1.8	2.5	3	3	821486	814149
						1.0	0.2	90	28.8		8.1		19.7		95.9		6.6		1.8		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	0.2	118	28.1	28.1	8.0	8.0	21.4	21.4	85.7	85.9	6.0	6.0	3.2		2			
						3.7	0.2	129	28.1		8.0		21.3		86.0		6.0		3.0		3			
SR3	Sunny	Moderate	16:49	9.1	Surface	1.0	0.5	100	28.8	28.8	8.1	8.1	19.3	19.3	96.6	96.4	6.7	6.4	3.3	3.8	2	2	822126	807565
						1.0	0.5	107	28.8		8.1		19.4		96.2		6.7		3.4		3			
					Middle	4.6	0.3	84	28.4	28.4	8.0	8.0	20.4	20.4	87.1	86.9	6.0		3.5		3			
						4.6	0.3	85	28.4		8.0		20.4		86.7		6.0		3.4		2			
					Bottom	8.1	0.1	353	27.4	27.4	8.0	8.0	23.1	23.1	67.6	67.7	4.7	4.7	4.5		<2			
						8.1	0.1	325	27.4		8.0		23.2		67.7		4.7		4.6		<2			
SR4A	Sunny	Calm	17:57	9.5	Surface	1.0	0.4	79	27.8	27.8	8.2	8.2	18.0	18.0	87.8	87.6	6.0	5.2	11.5	17.5	<2	2	817190	807804
						1.0	0.4	79	27.8		8.2		17.9		87.4		6.0		11.5		<2			
					Middle	4.8	0.4	88	26.7	26.7	8.1	8.1	26.4	26.4	64.2	64.2	4.3		19.5		3			
						4.8	0.4	95	26.7		8.1		26.4		64.2		4.3		19.5		2			
					Bottom	8.5	0.4	102	26.5	26.5	8.1	8.1	26.8	26.8	65.5	65.6	4.3	4.3	21.5		3			
						8.5	0.4	102	26.5		8.1		26.8		65.6		4.3		21.5		2			
SR5A	Sunny	Calm	18:13	5.7	Surface	1.0	0.4	55	28.6	28.6	8.3	8.3	19.1	19.1	122.7	122.7	8.2	8.2	9.0	10.0	<2	2	816611	810695
						1.0	0.4	59	28.6		8.3		19.1		122.6		8.2		9.0		<2			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.7	0.4	67	28.3	28.3	8.2	8.2	20.2	20.2	103.9	104.0	6.9	6.9	11.0		2			
						4.7	0.4	70	28.3		8.2		20.2		104.0		6.9		11.0		2			
SR6A	Sunny	Calm	18:45	4.7	Surface	1.0	0.2	70	28.5	28.5	8.3	8.3	19.8	19.8	126.3	126.1	8.4	8.4	11.6	11.7	<2	<2	817941	814745
						1.0	0.2	74	28.5		8.3		19.8		125.9		8.4		11.6		<2			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	0.3	88	28.2	28.2	8.2	8.2	20.3	20.3	116.4	116.7	7.8	7.8	11.7		<2			
						3.7	0.3	95	28.2		8.2		20.3		116.9		7.8		11.7		<2			
SR7	Sunny	Moderate	19:09	14.5	Surface	1.0	0.4	113	29.0	29.0	8.1	8.1	19.5	19.5	103.5	103.7	7.2	7.1	1.6	1.9	<2	2	823643	823757
						1.0	0.4	117	29.0		8.1		19.5		103.9		7.2		1.6		<2			
					Middle	7.3	0.4	147	28.8	28.8	8.1	8.1	19.8	19.8	99.7	99.6	6.9		1.6		3			
						7.3	0.5	160	28.8		8.1		19.8		99.5		6.9		1.7		2			
					Bottom	13.5	0.4	151	28.5	28.5	8.1	8.1	20.6	20.7	96.5	96.7	6.7	6.7	2.3		3			
						13.5	0.5	154	28.5		8.1		20.8		96.8		6.7		2.4		2			
SR8	Sunny	Calm	17:33	4.2	Surface	1.0	-	-	28.6	28.7	8.0	8.0	20.6	20.6	86.5	86.6	6.0	6.0	2.4	3.6	4	3	820404	811618
						1.0	-	-	28.7		8.0		20.6		86.6		6.0		2.4		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	27.8	27.8	8.0	8.0	22.0	22.0	77.5	77.5	5.4	5.4	4.7		2			
						3.2	-	-	27.8		8.0		22.1		77.5		5.4		4.9		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 01 July 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	Moderate	11:02	9.5	Surface	1.0	0.4	66	26.6	26.6	8.0	8.0	25.6	25.6	64.0	64.1	4.3	5.1	21.6	12.8	2	2	815610	804227
						1.0	0.4	69	26.6		8.0		25.5		64.1		4.3		21.4		2			
					Middle	4.8	0.3	37	27.2	27.2	8.0	8.0	16.6	16.6	84.7	84.7	5.9		7.7		2			
						4.8	0.3	39	27.2		8.0		16.6		84.6		5.9		7.7		2			
					Bottom	8.5	0.3	55	27.4	27.4	8.1	8.1	20.3	20.3	78.2	78.2	5.3	5.3	9.0		<2			
						8.5	0.3	56	27.4		8.1		20.3		78.2		5.3		9.1		<2			
C2	Sunny	Moderate	13:09	12.9	Surface	1.0	0.3	37	29.0	29.0	8.1	8.1	18.2	18.2	97.9	97.8	6.8	5.6	2.3	4.1	3	3	825679	806949
						1.0	0.4	37	29.0		8.1		18.2		97.7		6.8		2.3		2			
					Middle	6.5	0.3	30	27.2	27.2	7.9	7.9	24.2	24.2	63.9	63.9	4.4		2.6		3			
						6.5	0.3	31	27.2		7.9		24.2		63.9		4.4		2.6		3			
					Bottom	11.9	0.3	24	26.8	26.8	7.9	7.9	25.5	25.4	60.0	60.2	4.2	4.2	7.7		3			
						11.9	0.3	24	26.8		7.9		25.4		60.4		4.2		6.9		4			
C3	Sunny	Moderate	11:05	12.5	Surface	1.0	0.3	227	28.3	28.3	8.0	8.0	19.1	19.1	86.8	86.8	6.1	5.6	2.0	2.8	3	2	822121	817800
						1.0	0.3	228	28.3		8.0		19.1		86.8		6.1		2.0		2			
					Middle	6.3	0.4	246	27.1	27.1	8.0	8.0	24.2	24.2	71.8	71.8	5.0		1.8		2			
						6.3	0.4	262	27.1		8.0		24.2		71.8		5.0		1.8		3			
					Bottom	11.5	0.3	233	25.9	25.9	8.0	8.0	29.2	29.2	60.3	60.4	4.2	4.2	4.7		<2			
						11.5	0.3	245	25.9		8.0		29.2		60.4		4.2		4.7		<2			
IM1	Sunny	Moderate	11:21	5.7	Surface	1.0	0.2	133	27.1	27.1	8.0	8.0	15.9	15.9	85.2	85.2	5.9	5.9	8.3	9.3	4	4	817961	807137
						1.0	0.2	140	27.1		8.0		15.9		85.1		5.9		8.3		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.7	0.1	108	27.3	27.3	8.1	8.1	18.6	18.6	80.9	80.9	5.5	5.5	10.3		4			
						4.7	0.1	117	27.3		8.1		18.6		80.8		5.5		10.4		4			
IM2	Sunny	Moderate	11:29	8.0	Surface	1.0	0.2	61	27.1	27.1	8.1	8.1	17.4	17.4	88.8	88.8	6.1	5.9	7.1	8.9	4	4	818155	806156
						1.0	0.2	64	27.1		8.1		17.4		88.7		6.1		7.1		5			
					Middle	4.0	0.3	55	27.5	27.5	8.1	8.1	19.3	19.3	83.1	83.1	5.6		8.4		4			
						4.0	0.3	59	27.5		8.1		19.3		83.0		5.6		8.4		4			
					Bottom	7.0	0.2	49	27.3	27.3	8.1	8.1	21.6	21.7	75.4	75.4	5.1	5.1	11.1		5			
						7.0	0.2	50	27.3		8.1		21.7		75.4		5.1		11.3		4			
IM3	Sunny	Moderate	11:37	8.2	Surface	1.0	0.4	59	27.2	27.2	8.1	8.1	18.5	18.5	89.9	89.9	6.2	6.0	7.7	14.8	3	3	818760	805610
						1.0	0.4	60	27.2		8.1		18.5		89.8		6.2		7.8		3			
					Middle	4.1	0.3	58	27.6	27.6	8.1	8.1	19.9	19.9	84.9	84.8	5.7		10.3		4			
						4.1	0.3	60	27.6		8.1		19.9		84.7		5.7		10.4		3			
					Bottom	7.2	0.3	69	27.2	27.2	8.1	8.1	23.1	23.1	77.4	77.5	5.2	5.2	26.2		3			
						7.2	0.3	74	27.2		8.1		23.1		77.5		5.2		26.3		4			
IM4	Sunny	Moderate	11:48	8.2	Surface	1.0	0.3	44	26.5	26.5	8.1	8.1	27.4	27.4	64.9	65.0	4.3	5.4	24.2	13.6	3	3	819706	804596
						1.0	0.3	45	26.5		8.1		27.4		65.0		4.3		24.5		4			
					Middle	4.1	0.3	66	27.2	27.2	8.1	8.1	17.9	17.9	93.2	93.2	6.4		7.6		3			
						4.1	0.3	69	27.2		8.1		17.9		93.1		6.4		7.7		2			
					Bottom	7.2	0.3	49	27.4	27.4	8.1	8.1	21.4	21.3	88.3	88.3	5.9	6.0	8.7		3			
						7.2	0.3	51	27.4		8.1		21.1		88.3		6.0		8.7		2			
IM5	Sunny	Moderate	11:57	7.6	Surface	1.0	0.3	46	27.2	27.2	8.1	8.1	23.6	23.6	78.7	78.9	5.2	5.5	10.8	12.7	3	3	820735	804852
						1.0	0.3	46	27.2		8.1		23.6		79.0		5.3		10.8		2			
					Middle	3.8	0.3	63	27.1	27.1	8.1	8.1	15.6	15.6	83.6	83.5	5.8		10.7		3			
						3.8	0.3	67	27.1		8.1		15.6		83.4		5.8		10.7		2			
					Bottom	6.6	0.3	72	26.8	26.8	8.1	8.1	25.2	25.2	70.3	70.3	4.7	4.7	16.6		4			
						6.6	0.3	74	26.8		8.1		25.2		70.3		4.7		16.6		4			
IM6	Sunny	Moderate	12:05	7.7	Surface	1.0	0.4	37	27.9	27.9	8.2	8.2	20.3	20.3	96.6	96.6	6.5	6.4	11.1	10.0	3	3	821050	805811
						1.0	0.4	39	27.9		8.2		20.3		96.6		6.5		11.1		3			
					Middle	3.9	0.2	51	27.6	27.6	8.1	8.1	18.4	18.4	91.1	91.1	6.2		8.2		4			
						3.9	0.3	51	27.6		8.1		18.4		91.0		6.2		8.2		3			
					Bottom	6.7	0.3	61	27.6	27.6	8.1	8.1	20.4	20.4	82.2	82.2	5.5	5.5	10.5		3			
						6.7	0.4	63	27.6		8.1		20.4		82.1		5.5		10.6		4			
IM7	Sunny	Moderate	12:15	8.7	Surface	1.0	0.4	22	27.9	27.9	8.1	8.1	18.5	18.5	90.5	90.5	6.1	6.0	9.1	9.6	4	4	821336	806836
						1.0	0.4	22	27.9		8.1		18.5		90.4		6.1		9.1		5			
					Middle	4.4	0.3	43	27.7	27.7	8.1	8.1	19.6	19.6	87.8	87.8	5.9		9.6		3			
						4.4	0.4	43	27.7		8.1		19.6		87.8		5.9		9.6		3			
					Bottom	7.7	0.4	35	28.0	28.0	8.2	8.2	20.3	20.3	97.6	97.6	6.5	6.5	10.0		3			
						7.7	0.4	35	28.0		8.2		20.3		97.6		6.5		10.0		3			
IM8	Sunny	Moderate	12:52	8.2	Surface	1.0	0.1	26	28.7	28.7	8.0	8.0	19.0	19.0	90.1	90.1	6.3	5.7	2.5	6.9	4	4	821818	808131
						1.0	0.1	26	28.7		8.0		19.0		90.0		6.3		2.5		4			
					Middle	4.1	0.1	318	27.9	27.9	7.9	7.9	20.8	20.8	74.0	73.8	5.2		4.7		4			
						4.1	0.1	319	27.9		7.9		20.8		73.6		5.1		5.2		4			
					Bottom	7.2	0.2	102	27.2	27.2	7.9	7.9	24.2	24.2	62.8	62.9	4.4	4.4	13.1		4			
						7.2	0.2	108	27.2		7.9		24.2		63.0		4.4		13.3		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 01 July 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	12:46	7.8	Surface	1.0	0.1	70	28.8	28.8	8.0	8.0	18.9	18.9	91.0	91.0	6.3	6.1	2.2	3.8	6	4	822074	808811
						1.0	0.1	75	28.8		8.0		18.9		90.9		6.3		2.2		5			
					Middle	3.9	0.0	196	28.6	28.6	8.0	8.0	19.5	19.4	85.1	85.2	5.9		2.7		3			
						3.9	0.0	210	28.6		8.0		19.4		85.2		5.9		2.6		4			
					Bottom	6.8	0.2	245	27.7	27.7	7.9	7.9	21.7	21.7	70.8	70.9	4.9	5.0	6.7		3			
						6.8	0.2	257	27.7		7.9		21.7		71.0		5.0		6.6		4			
IM10	Sunny	Moderate	12:38	7.3	Surface	1.0	0.3	319	28.8	28.8	8.0	8.0	19.1	19.1	88.2	88.2	6.1	5.7	2.3	5.1	4	4	822391	809798
						1.0	0.3	327	28.8		8.0		19.1		88.1		6.1		2.3		5			
					Middle	3.7	0.3	309	27.9	27.9	8.0	8.0	21.0	21.0	75.4	75.3	5.3		3.6		4			
						3.7	0.4	329	27.9		8.0		21.0		75.2		5.3		3.5		5			
					Bottom	6.3	0.3	295	27.4	27.4	7.9	7.9	23.0	23.0	65.9	65.9	4.6	4.6	9.2		2			
						6.3	0.3	323	27.4		7.9		23.1		65.8		4.6		9.5		3			
IM11	Sunny	Moderate	12:26	8.8	Surface	1.0	0.3	317	28.7	28.7	8.1	8.1	18.8	18.8	90.9	90.9	6.3	5.7	2.1	4.9	4	4	822066	811439
						1.0	0.3	319	28.7		8.1		18.8		90.8		6.3		2.1		3			
					Middle	4.4	0.3	285	27.8	27.8	8.0	8.0	21.3	21.3	72.9	72.8	5.1		2.9		4			
						4.4	0.3	293	27.8		8.0		21.3		72.6		5.1		2.9		3			
					Bottom	7.8	0.3	292	26.8	26.8	7.9	7.9	25.5	25.5	59.7	59.6	4.1	4.1	9.6		4			
						7.8	0.3	294	26.8		7.9		25.5		59.4		4.1		9.6		3			
IM12	Sunny	Moderate	12:18	10.0	Surface	1.0	0.3	274	28.5	28.5	8.0	8.0	19.1	19.1	87.5	87.5	6.1	5.8	2.5	5.2	4	4	821449	812056
						1.0	0.4	296	28.5		8.0		19.1		87.5		6.1		2.4		3			
					Middle	5.0	0.5	278	27.8	27.8	8.0	8.0	21.3	21.3	79.3	79.4	5.5		2.6		3			
						5.0	0.5	304	27.8		8.0		21.3		79.5		5.5		2.5		4			
					Bottom	9.0	0.1	277	26.2	26.2	8.0	8.0	28.2	28.2	55.7	55.8	3.8	3.9	10.8		5			
						9.0	0.1	288	26.2		8.0		28.2		55.9		3.9		10.7		4			
SR1A	Sunny	Calm	11:44	5.6	Surface	1.0	-	-	28.5	28.5	8.0	8.0	18.7	18.7	85.5	85.5	6.0	6.0	2.3	2.8	4	3	819976	812659
						1.0	-	-	28.5		8.0		18.7		85.5		6.0		2.2		4			
					Middle	2.8	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.8	-	-	-		-		-		-		-		-		-			
					Bottom	4.6	-	-	28.0	28.0	8.0	8.0	20.2	20.2	76.6	76.7	5.4	5.4	3.3		3			
						4.6	-	-	28.0		8.0		20.2		76.7		5.4		3.3		2			
SR2	Sunny	Moderate	11:27	4.9	Surface	1.0	0.1	335	28.4	28.4	8.0	8.0	19.0	19.0	83.9	83.7	5.9	5.9	2.5	5.2	4	3	821453	814168
						1.0	0.1	308	28.4		8.0		19.0		83.5		5.9		2.6		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.9	0.1	351	27.6	27.6	8.0	8.0	22.2	22.2	72.9	73.0	5.1	5.1	7.9		3			
						3.9	0.1	323	27.6		8.0		22.2		73.0		5.1		7.9		2			
SR3	Sunny	Moderate	12:58	9.2	Surface	1.0	0.1	71	28.9	28.9	8.0	8.0	19.0	19.0	90.8	90.8	6.3	5.9	2.2	2.8	4	4	822129	807552
						1.0	0.1	73	28.9		8.0		19.0		90.7		6.3		2.2		3			
					Middle	4.6	0.0	42	28.0	28.0	8.0	8.0	20.5	20.6	76.7	76.7	5.4		3.0		4			
						4.6	0.0	43	28.0		8.0		20.6		76.6		5.4		3.0		3			
					Bottom	8.2	0.1	91	27.4	27.4	7.9	7.9	23.0	23.0	67.7	67.7	4.7	4.7	3.3		4			
						8.2	0.1	95	27.4		7.9		22.9		67.6		4.7		3.3		5			
SR4A	Sunny	Calm	10:38	10.0	Surface	1.0	0.4	228	27.0	27.0	8.0	8.0	23.0	23.0	71.1	71.2	4.8	5.3	18.6	12.7	4	4	817199	807801
						1.0	0.5	241	27.0		8.0		23.1		71.2		4.8		18.6		5			
					Middle	5.0	0.5	208	27.6	27.6	8.1	8.1	17.8	17.8	84.1	84.1	5.8		8.6		4			
						5.0	0.5	220	27.6		8.1		17.8		84.1		5.8		8.6		3			
					Bottom	9.0	0.4	221	27.6	27.6	8.1	8.1	18.6	18.6	80.6	80.6	5.5	5.5	10.9		3			
						9.0	0.5	228	27.6		8.1		18.6		80.6		5.5		11.0		3			
SR5A	Sunny	Calm	10:19	5.0	Surface	1.0	0.2	225	27.4	27.4	8.1	8.1	20.8	20.9	77.3	77.4	5.2	5.2	19.1	13.8	3	4	816611	810684
						1.0	0.2	235	27.4		8.1		21.0		77.4		5.2		19.2		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	0.2	211	27.7	27.7	8.0	8.0	16.6	16.6	82.7	82.7	5.7	5.7	8.4		4			
						4.0	0.2	213	27.7		8.0		16.6		82.6		5.7		8.4		4			
SR6A	Sunny	Calm	09:54	4.7	Surface	1.0	0.2	207	27.7	27.7	8.0	8.0	17.6	17.6	79.1	79.1	5.4	5.4	10.9	15.8	4	3	817978	814760
						1.0	0.2	223	27.7		8.0		17.6		79.1		5.4		11.1		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	0.2	198	27.7	27.7	8.0	8.0	18.1	18.1	81.4	81.4	5.6	5.6	20.7		2			
						3.7	0.2	211	27.7		8.0		18.1		81.4		5.6		20.5		2			
SR7	Sunny	Moderate	10:31	14.8	Surface	1.0	0.5	233	28.2	28.2	8.1	8.1	19.2	19.2	87.8	87.8	6.2	5.6	1.7	1.9	3	3	823626	823743
						1.0	0.5	233	28.2		8.1		19.2		87.8		6.2		1.7		2			
					Middle	7.4	0.4	211	27.0	27.1	8.0	8.0	24.5	24.5	72.3	72.3	5.0		1.7		2			
						7.4	0.5	217	27.1		8.0		24.5		72.2		5.0		1.7		3			
					Bottom	13.8	0.5	228	25.7	25.7	8.0	8.0	30.2	30.2	58.1	58.2	4.0	4.0	2.2		3			
						13.8	0.5	244	25.7		8.0		30.2		58.2		4.0		2.2		4			
SR8	Sunny	Calm	12:09	4.9	Surface	1.0	-	-	28.5	28.5	8.0	8.0	19.4	19.4	83.7	83.7	5.8	5.8	2.6	3.1	3	5	820403	811620
						1.0	-	-	28.5		8.0		19.4		83.6		5.8		2.6		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.9	-	-	28.2	28.2	8.0	8.0	19.8	19.8	80.1	80.3	5.6	5.6	3.7		5			
						3.9	-	-	28.2		8.0		19.7		80.4		5.6		3.7		6			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 03 July 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	09:01	8.6	Surface	1.0	0.3	207	29.2	29.2	8.3	8.3	14.2	14.2	109.5	109.4	7.8	6.5	2.8	3.8	2	4	815623	804239
						1.0	0.3	209	29.2		8.3		14.2		109.3		7.7		2.8		3			
					Middle	4.3	0.4	222	28.6	28.7	8.0	8.0	20.6	20.5	76.1	76.4	5.3		3.3		4			
						4.3	0.4	226	28.7		8.0		20.5		76.6		5.3		3.1		3			
					Bottom	7.6	0.3	238	25.5	25.5	8.0	8.0	31.3	31.2	51.9	52.0	3.6	3.6	5.4		4			
						7.6	0.4	239	25.5		8.0		31.2		52.0		3.6		5.3		5			
C2	Fine	Rough	09:37	11.8	Surface	1.0	0.7	146	29.2	29.2	8.0	8.0	12.4	12.4	95.6	95.6	6.8	6.3	3.9	3.1	3	3	825692	806921
						1.0	0.7	159	29.2		8.0		12.4		95.5		6.8		3.9		4			
					Middle	5.9	0.4	159	28.3	28.3	7.9	7.9	20.5	20.5	82.6	82.6	5.7		2.8		4			
						5.9	0.4	169	28.2		7.9		20.6		82.5		5.7		2.8		3			
					Bottom	10.8	0.4	154	27.4	27.4	7.9	7.9	24.1	24.1	74.4	74.5	5.1	5.2	2.6		3			
						10.8	0.4	165	27.4		7.9		24.1		74.6		5.2		2.6		3			
C3	Fine	Rough	07:29	11.4	Surface	1.0	0.3	117	28.9	28.9	8.1	8.1	16.9	16.9	105.4	105.4	7.4	6.9	2.7	3.0	2	2	822117	817783
						1.0	0.3	125	28.9		8.1		16.9		105.4		7.4		2.7		2			
					Middle	5.7	0.1	20	27.8	27.8	8.0	8.0	22.8	22.8	93.1	93.1	6.4		2.2		2			
						5.7	0.1	20	27.8		8.0		22.8		93.1		6.5		2.2		2			
					Bottom	10.4	0.1	285	25.8	25.8	8.0	8.0	30.1	30.1	72.8	72.9	5.0	5.0	4.0		2			
						10.4	0.1	311	25.8		8.0		30.0		73.0		5.0		4.0		2			
IM1	Sunny	Moderate	09:25	5.0	Surface	1.0	0.1	168	29.3	29.3	8.3	8.3	14.6	14.6	115.5	115.4	8.2	8.2	2.8	3.1	4	4	817925	807115
						1.0	0.1	173	29.3		8.3		14.6		115.2		8.1		2.8		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	0.1	176	26.6	26.6	8.0	8.0	28.1	28.1	53.2	53.4	3.7	3.7	3.6		4			
						4.0	0.1	181	26.6		8.0		28.0		53.5		3.7		3.4		3			
IM2	Sunny	Moderate	09:33	7.4	Surface	1.0	0.1	191	28.9	28.9	8.3	8.3	16.1	16.3	112.5	110.4	7.9	6.0	3.5	4.0	3	3	818162	806156
						1.0	0.1	193	28.9		8.3		16.6		108.2		7.6		3.5		3			
					Middle	3.7	0.1	199	26.8	26.9	8.0	8.0	26.2	26.2	61.4	61.3	4.2		4.2		4			
						3.7	0.1	212	26.9		8.0		26.2		61.2		4.2		4.3		3			
					Bottom	6.4	0.1	223	25.6	25.6	8.0	8.0	31.0	31.0	52.2	52.4	3.6	3.6	4.3		4			
						6.4	0.1	238	25.6		8.0		31.0		52.5		3.6		4.3		3			
IM3	Sunny	Moderate	09:41	7.6	Surface	1.0	0.2	203	28.8	28.8	8.2	8.2	16.8	16.8	97.6	97.5	6.9	5.3	3.1	5.1	3	3	818802	805615
						1.0	0.2	204	28.8		8.2		16.7		97.4		6.9		3.1		3			
					Middle	3.8	0.2	201	26.2	26.2	8.0	8.0	29.0	28.9	52.1	52.1	3.6		6.6		3			
						3.8	0.3	217	26.2		8.0		28.9		52.1		3.6		6.7		2			
					Bottom	6.6	0.3	234	25.5	25.5	8.0	8.0	31.5	31.5	50.8	50.9	3.5	3.5	5.5		<2			
						6.6	0.3	238	25.5		8.0		31.5		51.0		3.5		5.7		<2			
IM4	Sunny	Moderate	09:53	8.2	Surface	1.0	0.2	221	29.6	29.6	8.2	8.2	14.4	14.4	103.1	102.8	7.3	5.9	2.9	7.4	4	4	819726	804620
						1.0	0.3	224	29.6		8.2		14.4		102.5		7.2		2.9		4			
					Middle	4.1	0.3	218	27.8	27.8	8.0	8.0	22.1	22.1	65.4	65.5	4.5		9.2		4			
						4.1	0.3	230	27.8		8.0		22.0		65.5		4.6		9.2		3			
					Bottom	7.2	0.3	221	26.0	26.0	8.0	8.0	29.5	29.5	50.6	50.8	3.5	3.5	10.2		2			
						7.2	0.3	231	26.0		8.0		29.5		50.9		3.5		10.2		6			
IM5	Sunny	Moderate	10:03	8.1	Surface	1.0	0.3	234	29.6	29.6	8.3	8.3	13.1	13.1	111.0	110.9	7.9	7.1	2.7	4.5	3	3	820734	804853
						1.0	0.3	234	29.6		8.3		13.1		110.8		7.8		2.7		3			
					Middle	4.1	0.3	224	29.0	29.0	8.1	8.1	16.5	16.5	90.1	89.8	6.3		3.3		2			
						4.1	0.3	230	29.0		8.1		16.5		89.5		6.3		3.3		3			
					Bottom	7.1	0.3	236	28.0	28.0	8.0	8.0	21.4	21.3	69.5	69.6	4.8	4.8	7.2		3			
						7.1	0.3	255	28.0		8.0		21.3		69.7		4.8		7.9		2			
IM6	Sunny	Moderate	10:12	8.2	Surface	1.0	0.3	251	29.6	29.6	8.3	8.3	13.4	13.4	111.0	110.9	7.9	7.5	2.8	5.1	4	4	821080	805812
						1.0	0.3	272	29.6		8.3		13.4		110.8		7.8		2.8		5			
					Middle	4.1	0.3	236	29.3	29.3	8.2	8.2	15.1	15.1	102.2	101.9	7.2		3.1		4			
						4.1	0.3	242	29.3		8.2		15.1		101.5		7.2		3.1		3			
					Bottom	7.2	0.3	245	27.8	27.8	7.9	7.9	22.3	22.3	64.2	64.3	4.5	4.5	9.4		4			
						7.2	0.3	263	27.8		7.9		22.3		64.4		4.5		9.6		3			
IM7	Sunny	Moderate	10:21	8.9	Surface	1.0	0.3	266	29.6	29.6	8.2	8.2	14.7	14.7	104.8	104.8	7.4	7.1	2.7	3.4	3	3	821331	806819
						1.0	0.3	282	29.6		8.2		14.7		104.7		7.4		2.8		3			
					Middle	4.5	0.2	225	29.1	29.1	8.1	8.1	16.9	16.9	96.8	96.7	6.8		2.3		4			
						4.5	0.2	237	29.1		8.1		16.8		96.6		6.8		2.4		3			
					Bottom	7.9	0.2	251	27.5	27.5	8.0	8.0	23.4	23.3	67.3	67.4	4.7	4.7	5.1		4			
						7.9	0.2	252	27.5		8.0		23.2		67.5		4.7		4.9		3			
IM8	Fine	Rough	09:10	7.8	Surface	1.0	0.2	156	29.4	29.4	8.0	8.0	14.7	14.7	106.2	106.2	7.5	7.3	3.2	3.4	2	2	821849	808124
						1.0	0.2	167	29.4		8.0		14.7		106.1		7.5		3.2		3			
					Middle	3.9	0.0	167	29.2	29.2	8.0	8.0	16.2	16.2	99.2	99.2	7.0		3.1		3			
						3.9	0.0	183	29.2		8.0		16.2		99.2		7.0		3.1		2			
					Bottom	6.8	0.1	298	28.4	28.4	7.9	7.9	20.3	20.3	86.4	86.5	6.0	6.0	3.8		2			
						6.8	0.1	324	28.4		7.9		20.3		86.5		6.0		3.8		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 03 July 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	09:03	7.4	Surface	1.0	0.3	121	29.4	29.4	8.0	8.0	14.4	14.4	105.0	105.0	7.4	6.8	3.1	5.5	<2	2	822115	808792
						1.0	0.3	130	29.4		8.0		14.4		105.0		7.4		3.1		<2			
					Middle	3.7	0.2	72	28.8	28.8	7.9	7.9	17.8	17.8	88.2	88.2	6.2		5.7		3			
						3.7	0.2	72	28.7		7.9		17.9		88.1		6.2		5.9		2			
					Bottom	6.4	0.2	72	28.0	28.0	7.9	7.9	21.8	21.8	79.9	80.1	5.5	5.6	7.8		3			
						6.4	0.2	73	28.0		7.9		21.8		80.2		5.6		7.7		2			
IM10	Fine	Rough	08:54	7.3	Surface	1.0	0.4	133	29.3	29.3	8.0	8.0	14.7	14.7	102.1	102.1	7.2	6.8	3.1	3.3	3	3	822365	809806
						1.0	0.5	140	29.3		8.0		14.7		102.0		7.2		3.2		3			
					Middle	3.7	0.4	112	28.9	28.9	7.9	7.9	16.9	16.9	90.5	90.4	6.3		3.4		3			
						3.7	0.4	112	28.9		7.9		16.9		90.2		6.3		3.4		2			
					Bottom	6.3	0.4	126	28.3	28.3	7.9	7.9	20.8	20.8	88.0	88.0	6.1	6.1	3.5		3			
						6.3	0.4	130	28.3		7.9		20.9		87.9		6.1		3.4		3			
IM11	Fine	Rough	08:41	7.8	Surface	1.0	0.4	129	29.2	29.2	8.0	8.0	14.1	14.1	99.4	99.4	7.0	6.7	3.2	3.7	3	2	822054	811474
						1.0	0.4	131	29.2		8.0		14.1		99.3		7.0		3.2		2			
					Middle	3.9	0.5	115	28.9	28.9	7.9	7.9	16.9	16.9	89.8	89.9	6.3		3.5		2			
						3.9	0.5	118	28.9		7.9		16.9		89.9		6.3		3.5		2			
					Bottom	6.8	0.3	117	28.2	28.2	7.9	7.9	21.4	21.4	82.3	82.3	5.7	5.7	4.3		2			
						6.8	0.3	124	28.2		7.9		21.4		82.3		5.7		4.3		2			
IM12	Fine	Rough	08:34	8.9	Surface	1.0	0.3	118	29.5	29.5	8.0	8.0	13.1	13.1	104.0	103.9	7.4	6.6	3.5	4.5	2	3	821460	812048
						1.0	0.3	128	29.5		8.0		13.1		103.8		7.4		3.5		3			
					Middle	4.5	0.4	102	28.7	28.7	7.9	7.9	17.7	17.7	82.8	82.7	5.8		3.6		3			
						4.5	0.4	110	28.7		7.9		17.8		82.6		5.8		3.5		2			
					Bottom	7.9	0.2	123	27.2	27.2	7.9	7.9	25.2	25.2	66.4	66.6	4.6	4.6	6.5		3			
						7.9	0.3	124	27.2		7.9		25.2		66.7		4.6		6.5		2			
SR1A	Fine	Rough	08:07	4.7	Surface	1.0	-	-	29.3	29.3	8.1	8.1	13.3	13.3	105.6	105.6	7.5	7.5	2.8	2.8	3	3	819977	812664
						1.0	-	-	29.3		8.1		13.3		105.6		7.5		2.8		2			
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.4	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	-	-	29.2	29.2	8.0	8.0	17.1	17.1	107.6	107.6	7.5	7.5	2.8		4			
						3.7	-	-	29.2		8.0		17.1		107.6		7.5		2.8		4			
SR2	Fine	Rough	07:52	4.3	Surface	1.0	0.3	56	29.4	29.4	8.1	8.1	14.3	14.3	107.8	107.8	7.6	7.6	2.8	2.9	2	3	821479	814173
						1.0	0.3	60	29.4		8.1		14.3		107.8		7.6		2.8		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.3	0.3	52	29.2	29.2	8.1	8.1	16.2	16.2	106.8	106.8	7.5	7.5	3.0		3			
						3.3	0.3	52	29.2		8.1		16.2		106.8		7.5		3.1		2			
SR3	Fine	Rough	09:17	9.2	Surface	1.0	0.2	189	29.3	29.3	8.1	8.1	14.3	14.3	105.8	105.8	7.5	7.2	3.3	3.9	3	3	822144	807580
						1.0	0.2	200	29.3		8.1		14.3		105.7		7.5		3.3		4			
					Middle	4.6	0.1	212	28.8	28.8	8.0	8.0	18.9	18.9	97.3	97.4	6.8		3.0		3			
						4.6	0.1	223	28.8		8.0		18.8		97.5		6.8		3.1		2			
					Bottom	8.2	0.1	315	27.7	27.7	7.9	7.9	23.1	23.1	74.4	74.5	5.2	5.2	5.5		2			
						8.2	0.1	319	27.7		7.9		23.0		74.6		5.2		5.3		2			
SR4A	Fine	Calm	08:36	9.2	Surface	1.0	0.4	113	28.8	28.8	8.2	8.2	17.9	17.9	97.3	97.1	6.8	5.3	3.9	6.8	5	5	817183	807822
						1.0	0.4	122	28.8		8.2		17.9		96.9		6.8		3.9		5			
					Middle	4.6	0.4	97	26.3	26.3	8.0	8.0	28.9	28.9	54.3	54.3	3.7		8.8		5			
						4.6	0.4	104	26.3		8.0		28.9		54.2		3.7		8.7		4			
					Bottom	8.2	0.3	93	26.2	26.2	8.0	8.0	29.2	29.2	54.6	54.7	3.8	3.8	7.7		4			
						8.2	0.4	98	26.2		8.0		29.2		54.8		3.8		7.7		5			
SR5A	Fine	Calm	08:18	5.4	Surface	1.0	0.4	108	29.0	29.0	8.2	8.2	17.5	17.5	103.4	103.4	7.2	7.2	3.2	4.3	4	3	816596	810675
						1.0	0.4	111	29.0		8.2		17.5		103.3		7.2		3.2		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.4	0.2	67	28.8	28.8	8.1	8.1	19.3	19.2	91.5	91.6	6.3	6.4	5.5		3			
						4.4	0.2	70	28.8		8.1		19.2		91.6		6.4		5.3		2			
SR6A	Fine	Calm	07:27	4.7	Surface	1.0	0.2	114	28.9	28.9	8.1	8.1	19.0	19.0	98.5	98.5	6.8	6.8	3.5	3.6	5	4	817959	814730
						1.0	0.2	117	28.9		8.1		19.0		98.5		6.8		3.5		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	0.2	54	28.8	28.8	8.1	8.1	19.3	19.3	100.3	100.3	7.0	7.0	3.8		3			
						3.7	0.2	54	28.8		8.1		19.3		100.2		7.0		3.8		3			
SR7	Fine	Rough	07:00	18.7	Surface	1.0	0.4	56	28.2	28.2	8.0	8.0	20.9	20.9	97.1	97.0	6.7	6.4	2.1	2.6	2	2	823651	823742
						1.0	0.4	59	28.2		8.0		21.0		96.8		6.7		2.1		2			
					Middle	9.4	0.1	314	27.7	27.7	8.0	8.0	23.2	23.2	87.3	87.2	6.0		2.3		2			
						9.4	0.1	315	27.7		8.0		23.3		87.1		6.0		2.3		3			
					Bottom	17.7	0.1	8	25.1	25.1	8.0	8.0	32.1	32.1	62.7	62.8	4.3	4.3	3.5		3			
						17.7	0.1	8	25.1		8.0		32.1		62.8		4.3		3.5		2			
SR8	Fine	Rough	08:27	5.2	Surface	1.0	-	-	29.7	29.7	8.0	8.0	14.3	14.3	105.9	106.0	7.4	7.4	3.3	3.7	2	3	820412	811641
						1.0	-	-	29.7		8.0		14.3		106.0		7.4		3.3		2			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.2	-	-	29.1	29.1	8.0	8.0	17.7	17.7	101.9	102.0	7.1	7.1	4.0		3			
						4.2	-	-	29.1		8.0		17.7		102.1		7.1		4.0		3			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 03 July 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	Moderate	13:41	8.7	Surface	1.0	0.4	101	29.8	29.8	8.0	8.0	13.3	13.3	138.6	138.5	9.8	9.6	3.2	5.0	5	5	815624	804225
						1.0	0.5	101	29.8		8.0		13.3		138.4		9.8		3.2		4			
					Middle	4.4	0.3	133	29.5	29.5	8.0	8.0	14.3	14.2	134.3	134.1	9.5		3.2		5			
						4.4	0.3	134	29.5		8.0		14.2		133.9		9.4		3.2		5			
					Bottom	7.7	0.3	97	27.3	27.3	8.0	8.0	25.2	24.6	66.0	65.9	4.6	4.6	8.6		6			
						7.7	0.3	102	27.2		8.0		24.1		65.8		4.6		8.6		5			
C2	Fine	Rough	12:22	9.2	Surface	1.0	0.6	169	29.4	29.4	8.2	8.2	11.8	11.8	97.4	97.4	7.0	5.9	4.0	3.5	3	4	825663	806942
						1.0	0.7	176	29.4		8.2		11.8		97.4		7.0		4.0		4			
					Middle	4.6	0.4	175	27.7	27.7	8.0	8.0	22.2	22.2	68.8	68.8	4.8		3.5		4			
						4.6	0.4	176	27.7		8.0		22.2		68.8		4.8		3.5		3			
					Bottom	8.2	0.1	168	26.7	26.7	8.0	8.0	26.4	26.4	61.8	62.0	4.3	4.3	3.0		4			
						8.2	0.1	173	26.7		8.0		26.4		62.2		4.3		3.1		3			
C3	Fine	Rough	14:20	11.4	Surface	1.0	0.1	236	29.5	29.5	8.2	8.2	16.3	16.3	135.9	136.0	9.5	7.9	2.8	2.5	4	4	822112	817792
						1.0	0.1	254	29.5		8.2		16.3		136.1		9.5		2.8		4			
					Middle	5.7	0.2	278	27.9	27.9	8.0	8.0	22.3	22.3	90.7	90.7	6.3		2.2		3			
						5.7	0.2	281	27.9		8.0		22.3		90.7		6.3		2.2		4			
					Bottom	10.4	0.1	276	27.1	27.1	7.9	7.9	25.2	25.2	76.6	77.0	5.3	5.3	2.3		4			
						10.4	0.2	301	27.1		7.9		25.1		77.3		5.3		2.4		3			
IM1	Sunny	Moderate	13:19	5.3	Surface	1.0	0.2	56	29.9	29.9	8.0	8.0	13.5	13.5	137.9	138.0	9.7	9.7	3.4	4.0	4	5	817949	807145
						1.0	0.2	56	29.9		8.0		13.5		138.0		9.7		3.5		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.3	0.1	68	29.6	29.6	8.0	8.0	15.6	15.6	130.5	131.1	9.1	9.2	4.7		5			
						4.3	0.1	69	29.6		8.0		15.5		131.7		9.2		4.5		4			
IM2	Sunny	Moderate	13:10	7.3	Surface	1.0	0.2	92	29.8	29.8	8.0	8.0	15.1	15.1	130.6	130.7	9.1	8.5	3.4	6.0	4	4	818139	806182
						1.0	0.2	95	29.7		8.0		15.2		130.7		9.1		3.5		3			
					Middle	3.7	0.2	107	29.2	29.2	8.3	8.3	16.5	16.5	112.3	112.1	7.9		4.9		4			
						3.7	0.2	114	29.2		8.3		16.5		111.8		7.8		4.9		3			
					Bottom	6.3	0.1	53	26.3	26.3	8.0	8.0	28.9	28.9	57.5	57.6	3.9	4.0	9.7		5			
						6.3	0.1	56	26.3		8.0		28.9		57.6		4.0		9.7		4			
IM3	Sunny	Moderate	13:02	7.5	Surface	1.0	0.4	107	28.3	28.3	8.2	8.1	20.8	20.9	90.6	90.6	6.3	5.7	6.2	6.2	3	4	818791	805589
						1.0	0.4	112	28.3		8.1		21.0		90.6		6.3		6.3		4			
					Middle	3.8	0.2	112	27.6	27.6	8.1	8.1	24.1	24.0	74.2	74.2	5.1		5.0		3			
						3.8	0.2	120	27.6		8.1		24.0		74.1		5.1		5.0		4			
					Bottom	6.5	0.1	116	25.8	25.8	8.0	8.0	30.3	30.3	50.3	50.3	3.5	3.5	7.6		5			
						6.5	0.1	125	25.8		8.0		30.3		50.3		3.5		7.3		6			
IM4	Sunny	Moderate	12:49	8.4	Surface	1.0	0.4	103	30.0	30.0	8.1	8.1	14.5	14.5	146.9	146.7	10.3	9.3	2.9	4.6	2	3	819724	804626
						1.0	0.4	106	30.0		8.1		14.5		146.5		10.2		2.8		3			
					Middle	4.2	0.2	92	29.2	29.2	8.3	8.3	17.3	17.4	119.8	119.8	8.3		3.4		3			
						4.2	0.2	94	29.2		8.3		17.4		119.7		8.3		3.3		2			
					Bottom	7.4	0.2	79	26.1	26.1	8.0	8.0	29.4	29.3	55.8	56.0	3.8	3.9	7.7		3			
						7.4	0.2	80	26.1		8.0		29.3		56.2		3.9		7.5		2			
IM5	Sunny	Moderate	12:42	7.5	Surface	1.0	0.3	92	30.1	30.1	8.1	8.1	13.1	13.1	130.4	130.0	9.2	7.7	2.7	3.7	4	4	820730	804844
						1.0	0.3	92	30.1		8.1		13.1		129.6		9.1		2.7		3			
					Middle	3.8	0.2	68	28.9	28.9	8.1	8.1	17.2	17.2	87.9	87.8	6.2		2.8		4			
						3.8	0.2	68	28.9		8.1		17.2		87.6		6.1		2.8		3			
					Bottom	6.5	0.2	82	26.3	26.3	7.9	7.9	29.0	29.0	52.3	52.5	3.6	3.6	5.7		3			
						6.5	0.2	83	26.3		7.9		29.0		52.7		3.6		5.6		4			
IM6	Sunny	Moderate	12:34	7.8	Surface	1.0	0.4	81	29.8	29.8	8.1	8.1	13.4	13.4	103.6	103.7	7.3	7.2	3.1	3.6	3	4	821052	805826
						1.0	0.4	87	29.8		8.1		13.4		103.7		7.3		3.0		4			
					Middle	3.9	0.1	53	29.2	29.3	8.1	8.1	15.9	15.9	99.7	99.7	7.0		2.6		4			
						3.9	0.1	55	29.3		8.1		15.9		99.7		7.0		2.7		4			
					Bottom	6.8	0.2	62	27.7	27.7	7.9	7.9	23.3	23.3	70.6	70.8	4.9	4.9	5.0		4			
						6.8	0.2	66	27.7		7.9		23.3		70.9		4.9		4.9		5			
IM7	Sunny	Moderate	12:26	9.0	Surface	1.0	0.4	68	29.2	29.2	8.1	8.1	13.7	13.8	93.9	93.6	6.7	6.2	3.0	4.6	6	4	821328	806822
						1.0	0.5	74	29.2		8.1		13.8		93.3		6.6		3.0		5			
					Middle	4.5	0.2	50	28.8	28.9	7.9	7.9	20.5	20.4	81.9	83.1	5.7		3.1		4			
						4.5	0.2	54	28.9		7.9		20.3		84.2		5.8		3.0		4			
					Bottom	8.0	0.1	66	27.2	27.2	7.8	7.8	24.9	24.9	64.2	64.4	4.4	4.5	7.8		4			
						8.0	0.1	72	27.2		7.8		24.9		64.5		4.5		7.6		3			
IM8	Fine	Rough	12:48	7.9	Surface	1.0	0.3	231	29.7	29.7	8.2	8.2	12.0	12.0	104.9	104.9	7.5	7.2	3.6	3.3	3	3	821847	808127
						1.0	0.3	252	29.7		8.2		12.0		104.9		7.5		3.6		3			
					Middle	4.0	0.2	257	29.1	29.1	8.1	8.1	14.9	14.9	96.4	96.4	6.8		4.0		3			
						4.0	0.3	268	29.0		8.1		14.9		96.4		6.8		3.9		4			
					Bottom	6.9	0.1	279	28.2	28.2	8.1	8.1	20.9	20.9	81.2	81.2	5.6	5.6	2.4		4			
						6.9	0.1	291	28.2		8.1		21.0		81.2		5.6		2.5		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 03 July 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	12:54	7.8	Surface	1.0	0.2	208	29.6	29.6	8.2	8.2	11.7	11.7	103.1	103.1	7.4	7.2	3.7	3.7	2	3	822093	808791
						1.0	0.2	217	29.6		8.2		11.7		103.1		7.4		3.7		3			
					Middle	3.9	0.2	244	29.3	29.3	8.2	8.2	13.8	13.8	98.0	98.0	7.0		3.9		2			
						3.9	0.2	247	29.3		8.2		13.8		97.9		6.9		3.9		3			
					Bottom	6.8	0.3	290	28.2	28.2	8.0	8.0	21.0	21.0	75.9	75.9	5.3	5.3	3.7		4			
						6.8	0.3	300	28.2		8.0		21.0		75.9		5.3		3.7		4			
IM10	Fine	Rough	13:02	8.1	Surface	1.0	0.1	248	29.5	29.5	8.2	8.2	14.3	14.3	105.4	105.4	7.5	7.5	3.5	5.0	3	3	822367	809778
						1.0	0.1	260	29.5		8.2		14.3		105.4		7.5		3.5		4			
					Middle	4.1	0.2	308	28.3	28.3	8.0	8.0	18.7	18.8	106.5	106.3	7.5		5.2		3			
						4.1	0.2	314	28.2		8.0		18.9		106.0		7.5		5.2		4			
					Bottom	7.1	0.4	324	28.1	28.1	8.0	8.0	21.5	21.5	81.7	81.2	5.7	5.7	6.3		2			
						7.1	0.4	333	28.1		8.0		21.4		80.7		5.7		6.2		2			
IM11	Fine	Rough	13:12	8.2	Surface	1.0	0.1	253	29.6	29.6	8.2	8.2	13.5	13.5	107.1	107.1	7.6	6.8	3.7	3.9	2	3	822079	811456
						1.0	0.1	267	29.6		8.2		13.5		107.0		7.6		3.7		2			
					Middle	4.1	0.2	278	28.5	28.5	8.1	8.1	19.7	19.7	86.1	86.2	6.0		3.8		3			
						4.1	0.3	291	28.5		8.1		19.6		86.2		6.0		3.8		3			
					Bottom	7.2	0.3	286	27.1	27.1	8.0	8.0	25.3	25.3	66.3	66.4	4.6	4.6	4.2		4			
						7.2	0.3	306	27.1		8.0		25.3		66.5		4.6		4.3		3			
IM12	Fine	Rough	13:18	7.8	Surface	1.0	0.2	270	29.5	29.5	8.2	8.2	14.0	14.0	112.7	112.7	8.0	7.9	3.2	3.5	<2	2	821453	812040
						1.0	0.2	288	29.5		8.2		14.0		112.6		8.0		3.3		<2			
					Middle	3.9	0.2	294	29.1	29.1	8.2	8.2	16.5	16.5	110.1	110.1	7.8		3.1		3			
						3.9	0.3	319	29.1		8.2		16.5		110.1		7.8		3.1		2			
					Bottom	6.8	0.1	295	27.0	27.0	8.0	8.0	25.7	25.7	101.6	101.5	7.1	7.1	4.1		2			
						6.8	0.2	305	27.0		8.0		25.7		101.4		7.1		4.2		3			
SR1A	Fine	Rough	13:45	4.7	Surface	1.0	-	-	29.9	29.9	8.2	8.2	14.5	14.5	131.1	131.1	9.2	9.2	3.7	4.5	2	2	819982	812656
						1.0	-	-	29.9		8.2		14.5		131.0		9.2		3.7		3			
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.4	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	-	-	29.2	29.2	8.0	8.0	17.7	17.7	101.5	101.5	7.1	7.1	5.3		2			
						3.7	-	-	29.2		8.0		17.7		101.5		7.1		5.4		2			
SR2	Fine	Rough	13:59	3.9	Surface	1.0	0.2	109	29.8	29.8	8.2	8.2	14.1	14.1	132.4	132.3	9.3	9.3	3.2	3.5	2	3	821448	814158
						1.0	0.2	116	29.8		8.2		14.1		132.2		9.3		3.2		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.9	0.1	108	29.1	29.1	8.1	8.1	17.7	17.7	111.9	111.8	7.8	7.8	3.9		3			
						2.9	0.2	112	29.0		8.1		17.7		111.6		7.8		3.9		4			
SR3	Fine	Rough	12:42	8.7	Surface	1.0	0.3	238	29.8	29.8	8.2	8.2	12.1	12.1	105.1	105.1	7.5	7.1	3.5	3.1	3	3	822136	807576
						1.0	0.3	245	29.8		8.2		12.1		105.0		7.5		3.5		2			
					Middle	4.4	0.3	269	29.2	29.2	8.1	8.1	15.1	15.1	95.5	95.5	6.7		3.4		3			
						4.4	0.3	281	29.2		8.1		15.1		95.4		6.7		3.4		2			
					Bottom	7.7	0.1	205	27.7	27.7	8.0	8.0	23.1	23.1	78.3	78.4	5.4	5.4	2.4		3			
						7.7	0.1	222	27.7		8.0		23.2		78.4		5.4		2.4		4			
SR4A	Sunny	Calm	14:01	9.2	Surface	1.0	0.3	223	30.3	30.3	8.0	8.0	16.7	16.7	150.5	150.2	10.3	9.1	5.0	5.9	7	5	817165	807821
						1.0	0.3	229	30.3		8.0		16.7		149.8		10.3		4.9		6			
					Middle	4.6	0.2	198	29.3	29.3	8.0	8.0	19.1	19.1	115.1	115.0	7.9		4.8		4			
						4.6	0.2	205	29.3		8.0		19.1		114.9		7.9		4.9		5			
					Bottom	8.2	0.2	201	27.2	27.3	8.0	8.0	27.1	27.1	62.2	62.6	4.2	4.3	8.1		4			
						8.2	0.2	213	27.4		8.0		27.1		63.0		4.3		7.9		5			
SR5A	Sunny	Calm	14:19	5.0	Surface	1.0	0.1	208	29.7	29.7	8.0	8.0	18.8	18.8	135.2	135.1	9.3	9.3	4.0	4.7	7	7	816569	810685
						1.0	0.1	217	29.7		8.0		18.8		134.9		9.2		4.0		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	0.2	188	28.9	29.0	8.2	8.2	20.1	20.1	102.7	103.0	7.1	7.1	5.4		7			
						4.0	0.2	203	29.0		8.2		20.0		103.3		7.1		5.3		7			
SR6A	Sunny	Calm	14:47	4.3	Surface	1.0	0.1	217	29.7	29.7	8.0	8.1	17.1	17.1	134.0	133.8	9.3	9.3	5.2	5.3	7	7	817981	814762
						1.0	0.1	233	29.7		8.1		17.1		133.5		9.2		5.4		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.3	0.2	213	29.4	29.4	8.3	8.3	18.0	18.0	122.1	122.3	8.5	8.5	5.2		6			
						3.3	0.2	219	29.4		8.3		18.0		122.4		8.5		5.3		7			
SR7	Fine	Rough	14:51	19.6	Surface	1.0	0.2	194	29.2	29.2	8.2	8.2	17.8	17.8	136.7	136.8	9.5	7.9	2.0	2.6	3	3	823654	823765
						1.0	0.2	211	29.2		8.3		17.8		136.8		9.5		2.0		3			
					Middle	9.8	0.2	59	27.6	27.6	8.0	8.0	23.2	23.2	90.7	90.7	6.3		2.3		3			
						9.8	0.2	61	27.6		8.0		23.2		90.6		6.3		2.3		3			
					Bottom	18.6	0.1	34	26.7	26.7	8.0	8.0	26.9	26.9	81.8	81.9	5.6	5.7	3.5		3			
						18.6	0.1	34	26.7		8.0		26.9		82.0		5.7		3.6		4			
SR8	Fine	Rough	13:27	4.2	Surface	1.0	-	-	30.1	30.1	8.3	8.3	14.2	14.2	124.7	124.7	8.7	8.7	3.5	3.8	4	3	820390	811642
						1.0	-	-	30.1		8.3		14.2		124.6		8.7		3.6		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	29.6	29.6	8.2	8.2	15.8	15.8	109.0	109.2	7.6	7.6	4.0		3			
						3.2	-	-	29.6		8.2		15.8		109.3		7.6		4.0		3			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 06 July 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	11:23	8.0	Surface	1.0	0.7	188	29.5	29.5	8.2	8.2	13.2	13.2	144.0	143.9	10.2	9.2	2.4	2.9	6	6	815618	804254
						1.0	0.7	199	29.4		8.2		13.2		143.7		10.2		2.4		7			
					Middle	4.0	0.6	195	29.1	29.1	8.1	8.1	15.2	15.2	115.7	115.5	8.2		2.6		5			
						4.0	0.6	210	29.1		8.1		15.2		115.2		8.1		2.7		6			
					Bottom	7.0	0.6	213	27.0	27.0	8.0	8.0	25.3	25.3	63.6	63.6	4.4	4.4	3.7		5			
						7.0	0.6	231	27.0		8.0		25.3		63.6		4.4		3.7		5			
C2	Fine	Rough	12:38	7.8	Surface	1.0	1.0	164	29.2	29.2	8.3	8.3	13.9	13.9	107.0	106.8	7.6	7.3	5.0	5.0	6	6	825687	806963
						1.0	1.0	176	29.2		8.3		13.9		106.5		7.6		5.0		6			
					Middle	3.9	0.3	147	28.9	28.9	8.3	8.3	14.3	14.4	99.2	98.6	7.1		4.7		6			
						3.9	0.3	148	28.8		8.3		14.5		98.0		7.0		4.7		6			
					Bottom	6.8	0.1	194	27.8	27.8	8.1	8.1	21.7	21.7	70.9	71.1	4.9	5.0	5.4		7			
						6.8	0.1	212	27.8		8.1		21.7		71.2		5.0		5.4		7			
C3	Sunny	Rough	10:07	12.8	Surface	1.0	0.2	292	28.6	28.7	8.3	8.3	20.5	20.4	139.1	138.9	9.6	8.7	3.4	3.3	5	5	822093	817812
						1.0	0.2	305	28.7		8.3		20.4		138.6		9.6		3.4		5			
					Middle	6.4	0.1	74	27.9	27.9	8.1	8.1	23.1	23.1	111.9	112.0	7.7		2.9		5			
						6.4	0.1	75	27.9		8.1		23.1		112.1		7.7		2.9		6			
					Bottom	11.8	0.4	105	26.9	26.9	8.3	8.3	26.8	26.9	89.5	89.5	6.2	6.2	3.7		6			
						11.8	0.4	112	26.9		8.3		26.9		89.4		6.1		3.7		5			
IM1	Fine	Calm	11:45	4.2	Surface	1.0	0.0	116	29.3	29.3	8.2	8.2	17.7	17.6	124.6	125.2	8.7	8.7	2.1	3.8	7	6	817962	807120
						1.0	0.0	117	29.3		8.2		17.6		125.7		8.7		2.0		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	0.0	137	28.1	28.2	7.9	7.9	22.6	22.5	74.9	75.4	5.2	5.2	5.6		6			
						3.2	0.0	150	28.2		7.9		22.5		75.8		5.2		5.5		6			
IM2	Fine	Calm	11:53	6.2	Surface	1.0	0.2	300	28.7	28.7	7.9	7.9	18.2	18.1	92.3	92.5	6.5	5.6	1.5	5.9	7	7	818174	806173
						1.0	0.2	326	28.7		7.9		18.1		92.6		6.5		1.7		8			
					Middle	3.1	0.1	322	26.8	26.8	7.9	7.9	25.2	25.3	66.1	65.9	4.6		7.2		7			
						3.1	0.1	335	26.8		7.9		25.3		65.6		4.6		7.2		7			
					Bottom	5.2	0.1	345	26.6	26.7	7.9	7.9	27.2	27.1	59.0	59.3	4.1	4.1	8.8		6			
						5.2	0.1	317	26.7		7.9		27.1		59.6		4.1		8.8		5			
IM3	Fine	Calm	11:59	6.4	Surface	1.0	0.1	282	28.8	28.8	7.9	7.9	18.7	18.6	98.4	99.0	6.9	5.8	4.4	5.5	7	7	818786	805603
						1.0	0.1	291	28.8		7.9		18.6		99.6		6.9		4.4		8			
					Middle	3.2	0.2	275	27.3	27.3	7.8	7.8	24.3	24.3	66.3	66.2	4.6		5.2		7			
						3.2	0.2	300	27.2		7.8		24.3		66.0		4.6		5.4		8			
					Bottom	5.4	0.0	298	26.4	26.4	7.8	7.8	28.0	28.0	53.9	53.9	3.7	3.7	6.9		6			
						5.4	0.0	323	26.4		7.8		28.0		53.8		3.7		7.0		7			
IM4	Fine	Calm	12:09	8.0	Surface	1.0	0.9	191	29.8	29.8	8.2	8.2	11.6	11.6	139.6	139.4	9.9	8.0	3.4	5.0	7	7	819725	804588
						1.0	1.0	195	29.8		8.2		11.6		139.1		9.9		3.4		8			
					Middle	4.0	0.7	185	28.1	28.1	7.9	7.9	20.9	19.8	85.5	85.8	6.0		5.4		7			
						4.0	0.7	193	28.1		7.9		18.8		86.0		6.1		5.5		7			
					Bottom	7.0	0.3	181	27.8	27.8	7.9	7.9	22.0	22.1	68.8	68.7	4.8	4.8	6.1		7			
						7.0	0.3	194	27.8		7.9		22.1		68.5		4.8		6.2		7			
IM5	Fine	Calm	12:20	7.0	Surface	1.0	0.8	228	29.9	29.9	8.3	8.3	11.8	11.8	149.1	148.1	10.6	9.2	2.9	4.4	7	6	820716	804883
						1.0	0.8	245	29.9		8.3		11.8		147.1		10.4		2.9		6			
					Middle	3.5	0.7	227	29.8	29.7	8.2	8.2	13.2	13.4	119.4	111.9	8.4		4.8		7			
						3.5	0.7	238	29.6		8.2		13.5		104.4		7.4		4.7		6			
					Bottom	6.0	0.6	200	28.2	28.2	7.9	7.9	20.5	20.5	71.7	71.9	5.0	5.0	5.4		6			
						6.0	0.6	204	28.2		7.9		20.5		72.1		5.0		5.4		6			
IM6	Fine	Calm	12:32	6.8	Surface	1.0	0.7	255	30.5	30.5	8.3	8.3	9.7	9.8	133.5	130.4	9.5	7.6	2.0	3.4	7	6	821043	805850
						1.0	0.7	258	30.5		8.3		9.8		127.3		9.0		2.0		6			
					Middle	3.4	0.6	251	28.5	28.5	7.9	7.9	18.9	19.0	85.7	85.7	6.0		3.8		7			
						3.4	0.6	254	28.4		7.9		19.0		85.6		6.0		3.8		6			
					Bottom	5.8	0.5	221	27.5	27.5	7.8	7.8	24.5	24.5	57.7	58.2	4.0	4.0	4.5		6			
						5.8	0.5	233	27.5		7.8		24.5		58.7		4.0		4.5		6			
IM7	Fine	Calm	12:41	7.8	Surface	1.0	0.6	248	30.2	30.2	8.3	8.3	10.4	10.4	128.2	125.4	9.1	6.5	2.2	4.8	6	6	821351	806827
						1.0	0.6	249	30.2		8.3		10.4		122.6		8.7		2.2		6			
					Middle	3.9	0.5	260	27.3	27.3	7.8	7.8	23.1	23.1	58.5	58.3	4.1		5.4		6			
						3.9	0.6	267	27.2		7.8		23.2		58.1		4.1		5.9		6			
					Bottom	6.8	0.3	201	27.1	27.2	7.9	7.9	26.0	26.0	48.1	48.7	3.3	3.4	6.9		7			
						6.8	0.3	201	27.2		7.9		26.0		49.3		3.4		6.5		7			
IM8	Fine	Rough	12:00	7.3	Surface	1.0	0.3	181	29.8	29.8	8.1	8.1	11.3	11.3	146.7	146.6	10.5	10.0	4.1	5.0	7	7	821850	808161
						1.0	0.3	184	29.8		8.1		11.3		146.5		10.4		4.1		8			
					Middle	3.7	0.3	257	29.6	29.6	8.2	8.2	12.2	12.2	135.4	135.0	9.6		3.9		6			
						3.7	0.3	259	29.6		8.2		12.2		134.6		9.6		3.9		6			
					Bottom	6.3	0.2	205	27.6	27.6	8.1	8.1	22.6	22.6	67.9	68.0	4.7	4.7	7.0		6			
						6.3	0.2	221	27.6		8.1		22.6		68.0		4.7		7.0		6			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 06 July 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	11:54	6.6	Surface	1.0	0.3	147	30.1	30.1	8.2	8.2	10.8	10.7	146.7	146.7	10.4	10.0	4.2	4.9	6	6	822096	808788
						1.0	0.3	150	30.1		8.2		10.7		146.6		10.4		4.2		6			
					Middle	3.3	0.1	99	29.5	29.5	8.2	8.2	12.5	12.5	134.6	134.5	9.6		4.0		6			
						3.3	0.1	102	29.5		8.2		12.5		134.4		9.6		4.0		6			
					Bottom	5.6	0.1	192	27.5	27.5	8.1	8.1	23.2	23.2	66.3	66.5	4.6	4.6	6.5		7			
						5.6	0.1	198	27.5		8.1		23.2		66.7		4.6		6.5		6			
IM10	Fine	Rough	11:45	6.9	Surface	1.0	0.6	101	29.9	29.9	8.2	8.2	10.9	10.9	145.9	145.8	10.4	8.9	4.0	4.6	5	5	822403	809799
						1.0	0.6	102	29.9		8.2		11.0		145.6		10.4		4.0		6			
					Middle	3.5	0.5	93	28.8	28.8	8.3	8.3	15.6	15.6	103.7	103.3	7.3		3.6		5			
						3.5	0.5	93	28.8		8.3		15.6		102.9		7.3		3.6		5			
					Bottom	5.9	0.4	113	27.4	27.4	8.0	8.0	23.7	23.7	66.4	66.6	4.6	4.6	6.3		4			
						5.9	0.5	118	27.4		8.0		23.7		66.8		4.6		6.3		4			
IM11	Fine	Rough	11:30	8.5	Surface	1.0	0.7	111	29.7	29.7	8.1	8.1	12.3	12.4	129.8	129.5	9.2	7.7	4.2	5.7	6	6	822035	811446
						1.0	0.7	114	29.7		8.1		12.4		129.1		9.2		4.2		6			
					Middle	4.3	0.7	105	28.3	28.3	8.2	8.2	19.1	19.1	86.7	86.8	6.1		3.9		6			
						4.3	0.7	106	28.3		8.2		19.2		86.9		6.1		3.9		6			
					Bottom	7.5	0.3	96	27.3	27.3	8.1	8.1	24.1	24.1	63.8	63.9	4.4	4.4	9.0		6			
						7.5	0.3	104	27.3		8.1		24.1		63.9		4.4		9.0		7			
IM12	Fine	Rough	11:21	9.3	Surface	1.0	0.5	83	29.9	29.9	8.7	8.7	12.3	12.3	164.0	163.9	11.6	9.6	3.9	4.1	6	6	821455	812026
						1.0	0.5	86	29.9		8.7		12.3		163.7		11.6		3.9		5			
					Middle	4.7	0.7	92	28.9	28.9	8.2	8.2	15.6	15.6	106.8	106.7	7.6		3.6		6			
						4.7	0.7	97	28.9		8.2		15.6		106.6		7.5		3.6		6			
					Bottom	8.3	0.2	96	27.8	27.8	8.3	8.3	21.8	21.8	71.2	71.2	5.0	5.0	4.8		6			
						8.3	0.2	97	27.7		8.3		21.9		71.2		5.0		4.9		6			
SR1A	Fine	Rough	10:49	4.8	Surface	1.0	-	-	29.5	29.6	8.1	8.1	16.9	16.9	164.3	164.2	11.4	11.4	3.9	5.1	6	6	819975	812662
						1.0	-	-	29.6		8.1		16.9		164.1		11.4		3.8		6			
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.4	-	-	-		-		-		-		-		-		-			
					Bottom	3.8	-	-	28.3	28.3	8.3	8.2	17.2	18.2	124.1	118.2	8.8	8.3	6.3		6			
						3.8	-	-	28.2		8.2		19.1		112.3		7.8		6.3		7			
SR2	Sunny	Rough	10:34	5.2	Surface	1.0	0.2	61	29.3	29.3	8.3	8.3	15.3	15.3	141.5	141.1	10.0	10.0	3.6	4.7	6	6	821480	814149
						1.0	0.2	62	29.3		8.3		15.3		140.6		9.9		3.6		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.2	0.2	87	28.0	28.0	7.9	7.9	21.4	21.4	82.8	82.9	5.8	5.8	5.9		6			
						4.2	0.2	91	28.0		7.9		21.4		83.0		5.8		5.6		5			
SR3	Fine	Rough	12:06	8.5	Surface	1.0	0.3	204	29.7	29.7	8.1	8.1	12.1	12.0	138.9	139.1	9.9	8.9	4.1	4.2	7	6	822143	807585
						1.0	0.3	209	29.7		8.1		11.8		139.2		9.9		4.1		7			
					Middle	4.3	0.3	267	29.0	29.0	8.3	8.3	15.0	15.0	109.9	109.8	7.8		3.7		6			
						4.3	0.3	275	29.0		8.3		15.1		109.7		7.8		3.7		6			
					Bottom	7.5	0.3	193	27.3	27.3	8.0	8.0	24.3	24.3	62.5	62.7	4.3	4.3	4.9		5			
						7.5	0.3	200	27.3		8.0		24.3		62.8		4.3		4.9		6			
SR4A	Fine	Calm	11:01	9.0	Surface	1.0	0.2	267	29.3	29.3	8.2	8.2	14.8	14.8	119.5	117.1	8.4	6.3	4.1	6.9	7	7	817168	807797
						1.0	0.2	274	29.3		8.2		14.9		114.7		8.1		4.4		8			
					Middle	4.5	0.0	200	27.2	27.2	8.0	8.0	24.7	24.7	62.6	62.5	4.3		7.3		8			
						4.5	0.0	209	27.2		8.0		24.6		62.4		4.3		7.2		7			
					Bottom	8.0	0.0	46	26.9	26.9	8.1	8.1	26.5	26.4	63.8	63.9	4.4	4.4	9.2		7			
						8.0	0.0	46	26.9		8.1		26.4		64.0		4.4		9.2		7			
SR5A	Fine	Calm	10:44	3.4	Surface	1.0	0.0	255	29.6	29.6	8.2	8.2	15.4	15.4	131.4	131.2	9.2	9.2	5.1	6.6	8	9	816584	810673
						1.0	0.0	261	29.5		8.2		15.4		131.0		9.2		5.4		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.4	0.1	59	29.2	29.2	8.1	8.1	19.1	19.0	92.1	92.8	6.4	6.5	7.9		9			
						2.4	0.1	64	29.2		8.1		18.9		93.5		6.5		8.0		8			
SR6A	Fine	Calm	10:16	4.2	Surface	1.0	0.2	13	29.9	29.9	8.2	8.2	17.5	17.5	114.8	114.5	7.9	7.9	6.0	6.9	9	10	817953	814746
						1.0	0.2	13	29.9		8.2		17.5		114.1		7.9		6.3		10			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	0.1	346	28.0	28.0	7.9	7.9	22.4	22.4	69.9	69.9	4.8	4.8	7.5		10			
						3.2	0.1	355	28.0		7.9		22.5		69.9		4.8		7.6		9			
SR7	Sunny	Rough	09:24	14.7	Surface	1.0	0.4	91	28.7	28.7	8.3	8.3	20.4	20.4	148.6	148.6	10.3	10.1	2.5	2.6	7	6	823621	823755
						1.0	0.5	99	28.7		8.3		20.5		148.6		10.3		2.5		6			
					Middle	7.4	0.1	277	28.5	28.5	8.2	8.2	21.1	21.1	143.2	143.1	9.9		2.7		5			
						7.4	0.1	302	28.4		8.2		21.1		142.9		9.9		2.7		6			
					Bottom	13.7	0.2	108	28.4	28.4	8.2	8.2	21.3	21.3	140.7	140.7	9.7	9.7	2.7		5			
						13.7	0.2	117	28.4		8.2		21.3		140.6		9.7		2.7		6			
SR8	Fine	Rough	11:12	4.9	Surface	1.0	-	-	30.2	30.2	8.3	8.3	13.8	13.8	197.0	196.9	13.8	13.8	4.1	5.9	6	6	820388	811641
						1.0	-	-	30.2		8.3		13.8		196.8		13.8		4.2		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.9	-	-	29.9	29.9	8.1	8.1	14.2	14.2	184.5	183.4	12.9	12.9	7.5		6			
						3.9	-	-	29.8		8.1		14.2		182.2		12.8		7.7		6			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 06 July 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	17:17	7.2	Surface	1.0	0.3	45	28.2	28.2	8.2	8.2	19.4	19.4	88.8	88.5	6.2	5.8	5.7	6.7	8	8	815622	804257
						1.0	0.3	48	28.1		8.2		19.4		88.2		6.2		5.7		8			
					Middle	3.6	0.2	39	27.9	27.9	8.2	8.2	21.7	21.7	76.0	76.1	5.3		6.9		8			
						3.6	0.2	41	27.8		8.2		21.7		76.1		5.3		7.0		9			
					Bottom	6.2	0.2	104	27.4	27.4	8.2	8.2	23.3	23.5	73.5	73.8	5.1	5.1	7.6		9			
						6.2	0.3	109	27.4		8.2		23.8		74.0		5.1		7.6		8			
C2	Fine	Rough	16:13	8.1	Surface	1.0	1.0	68	29.1	29.1	8.2	8.2	12.3	12.3	88.9	88.9	6.4	5.7	4.4	4.7	6	6	825674	806925
						1.0	1.0	69	29.1		8.2		12.3		88.8		6.4		4.3		7			
					Middle	4.1	0.4	58	27.7	27.8	8.1	8.1	21.0	20.9	69.5	69.6	4.9		4.8		6			
						4.1	0.4	70	27.8		8.1		20.9		69.6		4.9		4.8		6			
					Bottom	7.1	0.2	49	27.6	27.6	8.1	8.1	22.1	22.1	69.1	69.2	4.8	4.8	4.9		5			
						7.1	0.2	48	27.6		8.1		22.1		69.2		4.8		4.9		4			
C3	Cloudy	Rough	18:24	10.7	Surface	1.0	0.3	226	29.0	29.1	8.1	8.1	18.6	18.6	131.7	132.9	9.1	7.7	3.5	3.0	5	6	822112	817810
						1.0	0.3	240	29.1		8.1		18.6		134.1		9.3		3.6		6			
					Middle	5.4	0.3	225	27.4	27.4	8.2	8.2	24.1	24.1	89.6	89.4	6.2		2.1		6			
						5.4	0.4	245	27.4		8.2		24.2		89.1		6.2		2.1		6			
					Bottom	9.7	0.3	243	26.6	26.6	8.2	8.2	27.3	27.3	75.3	75.4	5.2	5.2	3.3		6			
						9.7	0.4	255	26.6		8.2		27.3		75.4		5.2		3.3		7			
IM1	Fine	Calm	16:55	3.8	Surface	1.0	0.1	112	29.8	29.8	8.2	8.2	16.9	16.8	167.2	167.3	11.6	11.6	3.2	4.0	8	9	817929	807118
						1.0	0.2	102	29.8		8.2		16.8		167.3		11.6		3.4		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.8	0.1	138	28.1	28.1	7.9	7.9	22.1	22.1	99.0	99.4	6.8	6.9	4.7		10			
						2.8	0.1	126	28.1		7.9		22.1		99.8		6.9		4.7		11			
IM2	Fine	Calm	16:45	6.0	Surface	1.0	0.3	68	29.5	29.5	8.2	8.2	16.3	16.4	152.4	152.5	10.6	8.2	2.1	3.5	9	9	818179	806153
						1.0	0.3	68	29.5		8.2		16.4		152.5		10.6		2.0		9			
					Middle	3.0	0.2	64	28.1	28.0	7.8	7.8	20.6	20.6	82.8	82.6	5.8		2.7		9			
						3.0	0.2	69	27.9		7.8		20.6		82.3		5.8		2.9		8			
					Bottom	5.0	0.1	81	27.0	27.1	7.8	7.8	25.9	25.9	63.6	63.8	4.4	4.4	5.7		9			
						5.0	0.1	90	27.1		7.8		25.9		63.9		4.4		5.5		8			
IM3	Fine	Calm	16:38	6.0	Surface	1.0	0.3	58	29.3	29.2	8.3	8.3	16.0	16.0	161.6	161.0	11.3	9.1	2.3	3.8	8	8	818778	805586
						1.0	0.3	61	29.1		8.3		16.0		160.3		11.3		2.5		7			
					Middle	3.0	0.3	59	28.6	28.6	7.9	7.9	19.0	19.0	97.0	97.3	6.8		4.0		8			
						3.0	0.3	56	28.6		7.9		18.9		97.6		6.8		4.2		7			
					Bottom	5.0	0.2	72	26.8	26.8	7.8	7.8	26.5	26.5	69.1	69.4	4.8	4.8	5.1		7			
						5.0	0.2	82	26.8		7.8		26.5		69.7		4.8		4.9		11			
IM4	Fine	Calm	16:28	7.6	Surface	1.0	1.0	43	30.5	30.5	8.1	8.1	9.3	9.3	124.5	124.2	8.9	7.0	5.9	6.8	8	7	819704	804594
						1.0	1.0	47	30.5		8.1		9.3		123.9		8.8		5.8		8			
					Middle	3.8	0.5	57	27.7	27.7	7.8	7.8	22.2	22.2	73.7	74.3	5.1		6.9		7			
						3.8	0.5	60	27.7		7.8		22.2		74.9		5.2		6.9		6			
					Bottom	6.6	0.2	40	27.3	27.3	7.8	7.8	23.1	23.1	67.3	67.4	4.7	4.7	7.8		6			
						6.6	0.2	42	27.3		7.8		23.0		67.4		4.7		7.8		7			
IM5	Fine	Calm	16:21	6.8	Surface	1.0	0.7	30	30.4	30.4	8.2	8.2	7.7	7.7	118.8	118.8	8.6	8.7	3.4	6.4	4	5	820716	804879
						1.0	0.8	34	30.4		8.2		7.6		118.8		8.6		3.3		5			
					Middle	3.4	0.7	35	30.1	30.1	8.2	8.2	10.3	10.3	122.5	122.0	8.7		7.3		4			
						3.4	0.7	41	30.1		8.2		10.3		121.5		8.7		7.4		4			
					Bottom	5.8	0.4	34	28.1	28.1	7.9	7.9	21.0	21.0	76.5	76.6	5.3	5.3	8.4		5			
						5.8	0.4	37	28.1		7.9		21.0		76.7		5.3		8.7		6			
IM6	Fine	Calm	16:15	6.4	Surface	1.0	0.6	25	30.2	30.2	8.2	8.2	10.2	10.2	138.0	137.9	9.8	9.6	2.1	2.6	6	5	821073	805817
						1.0	0.7	22	30.2		8.2		10.2		137.7		9.8		2.1		5			
					Middle	3.2	0.7	25	30.0	30.0	8.2	8.2	10.8	10.8	131.9	131.8	9.4		2.3		6			
						3.2	0.7	26	29.9		8.2		10.8		131.6		9.4		2.3		5			
					Bottom	5.4	0.6	25	29.2	29.2	8.1	8.1	11.7	11.4	109.9	107.4	7.9	7.6	3.6		4			
						5.4	0.7	27	29.1		8.1		11.2		104.8		7.3		3.6		5			
IM7	Fine	Calm	16:09	7.2	Surface	1.0	0.7	24	30.0	30.0	8.0	8.0	10.4	10.3	127.5	126.8	9.1	9.0	2.4	3.3	8	7	821358	806843
						1.0	0.7	25	30.0		8.0		10.2		126.1		9.0		2.4		9			
					Middle	3.6	0.7	26	29.6	29.6	8.0	8.0	11.4	11.4	128.8	126.2	9.2		2.6		7			
						3.6	0.8	26	29.6		8.0		11.5		123.6		8.8		2.6		8			
					Bottom	6.2	0.4	27	27.2	27.2	8.1	8.1	25.1	25.1	56.8	57.0	3.9	4.0	4.8		5			
						6.2	0.4	28	27.2		8.1		25.1		57.2		4.0		4.8		5			
IM8	Fine	Rough	16:36	6.2	Surface	1.0	0.4	286	29.9	30.0	8.2	8.3	10.6	10.5	150.8	150.8	10.8	9.7	4.2	4.2	6	6	821828	808151
						1.0	0.5	283	30.0		8.3		10.5		150.7		10.8		4.3		6			
					Middle	3.1	0.3	275	29.5	29.5	8.0	8.0	12.3	12.3	121.2	121.2	8.6		4.0		6			
						3.1	0.3	282	29.5		8.0		12.3		121.2		8.6		4.1		7			
					Bottom	5.2	0.3	282	28.6	28.6	8.1	8.1	16.0	16.0	90.2	90.4	6.4	6.4	4.4		7			
						5.2	0.3	291	28.6		8.1		16.0		90.6		6.4		4.4		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 06 July 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	16:44	6.9	Surface	1.0	0.4	265	30.5	30.5	8.3	8.3	5.0	5.0	144.7	145.3	10.6	10.7	4.9	4.6	6	6	822098	808787
						1.0	0.4	271	30.4		8.3		5.0		145.8		10.7		5.0		6			
					Middle	3.5	0.1	243	29.8	29.8	8.2	8.2	10.6	10.6	151.2	150.9	10.8		4.4		6			
						3.5	0.1	255	29.8		8.2		10.6		150.6		10.8		4.5		5			
					Bottom	5.9	0.1	272	29.2	29.2	8.3	8.3	13.5	13.4	119.0	119.1	8.5	8.5	4.4		6			
						5.9	0.1	273	29.2		8.3		13.4		119.2		8.5		4.4		5			
IM10	Rainy	Rough	16:51	7.5	Surface	1.0	0.2	275	29.6	29.6	8.1	8.1	11.9	11.9	138.8	138.2	9.9	9.6	4.0	3.8	6	6	822406	809815
						1.0	0.2	277	29.5		8.1		12.0		137.6		9.8		3.9		7			
					Middle	3.8	0.2	285	29.4	29.4	8.1	8.1	12.0	12.1	135.0	130.5	9.7		3.8		5			
						3.8	0.2	287	29.4		8.1		12.1		126.0		9.0		3.8		5			
					Bottom	6.5	0.1	269	29.2	29.2	8.2	8.2	14.6	14.6	105.8	105.5	7.5	7.5	3.5		5			
						6.5	0.2	263	29.1		8.2		14.6		105.2		7.5		3.6		5			
IM11	Rainy	Rough	17:02	7.6	Surface	1.0	0.4	222	30.0	30.0	8.2	8.2	10.7	10.7	161.9	161.7	11.5	8.5	4.3	5.8	6	6	822079	811471
						1.0	0.4	223	30.0		8.2		10.7		161.5		11.5		4.3		5			
					Middle	3.8	0.1	248	28.1	28.1	8.1	8.1	20.0	20.0	78.0	77.9	5.5		5.3		6			
						3.8	0.1	249	28.0		8.1		20.0		77.8		5.5		5.4		5			
					Bottom	6.6	0.1	244	27.4	27.4	8.0	8.0	23.3	23.3	64.2	64.5	4.5	4.5	7.9		7			
						6.6	0.1	245	27.4		8.0		23.3		64.8		4.5		8.0		7			
IM12	Rainy	Rough	17:09	8.1	Surface	1.0	0.3	225	28.6	28.6	8.2	8.2	17.9	17.8	119.5	119.1	8.5	7.7	3.8	4.5	7	6	821442	812031
						1.0	0.3	225	28.6		8.2		17.8		118.6		8.4		3.8		6			
					Middle	4.1	0.2	224	29.1	29.1	8.0	8.0	14.9	14.9	99.5	99.5	7.0		4.1		6			
						4.1	0.2	227	29.0		8.0		15.0		99.5		7.0		4.1		6			
					Bottom	7.1	0.2	209	27.3	27.3	7.9	7.9	23.9	23.9	62.8	62.9	4.4	4.4	5.7		6			
						7.1	0.2	207	27.3		7.9		23.9		63.0		4.4		5.8		6			
SR1A	Cloudy	Rough	17:41	4.7	Surface	1.0	-	-	30.3	30.3	8.1	8.1	13.9	13.9	213.5	213.4	14.9	14.9	4.7	7.3	5	5	819975	812653
						1.0	-	-	30.3		8.1		13.9		213.3		14.9		4.7		5			
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.4	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	-	-	29.8	29.8	8.3	8.3	17.0	17.0	172.5	172.0	11.9	11.9	9.9		5			
						3.7	-	-	29.8		8.3		17.0		171.5		11.9		9.9		5			
SR2	Cloudy	Rough	17:58	4.5	Surface	1.0	0.1	241	30.0	30.0	8.3	8.3	12.4	12.4	172.5	172.4	12.2	12.2	4.1	4.1	5	6	821476	814143
						1.0	0.1	243	30.0		8.3		12.4		172.2		12.2		4.1		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.5	0.1	235	29.2	29.2	8.2	8.3	14.6	14.6	120.9	120.9	8.6	8.6	4.1		6			
						3.5	0.1	223	29.2		8.3		14.6		120.9		8.6		4.1		5			
SR3	Fine	Rough	16:29	8.4	Surface	1.0	0.8	29	30.3	30.3	8.3	8.3	9.2	9.2	156.8	156.5	11.2	9.3	5.0	4.4	5	6	822127	807569
						1.0	0.8	28	30.3		8.3		9.2		156.2		11.2		5.0		5			
					Middle	4.2	0.6	30	29.1	29.2	8.2	8.2	13.8	13.8	104.5	104.6	7.4		4.1		5			
						4.2	0.6	31	29.2		8.2		13.8		104.7		7.4		4.2		5			
					Bottom	7.4	0.4	24	28.4	28.4	8.1	8.1	16.9	16.9	76.2	76.3	5.4	5.4	4.1		6			
						7.4	0.4	25	28.4		8.1		16.9		76.3		5.4		4.1		7			
SR4A	Fine	Calm	17:37	8.2	Surface	1.0	0.5	252	30.3	30.3	8.3	8.2	16.5	16.5	140.3	138.2	9.6	8.1	5.2	7.3	8	10	817196	807809
						1.0	0.5	265	30.3		8.2		16.5		136.1		9.4		5.3		9			
					Middle	4.1	0.4	248	28.2	28.2	7.9	7.9	20.6	20.6	94.6	94.5	6.6		7.6		10			
						4.1	0.4	248	28.1		7.9		20.7		94.3		6.6		7.6		10			
					Bottom	7.2	0.2	242	27.4	27.4	7.9	7.9	24.7	24.7	72.3	75.1	5.0	5.2	8.9		10			
						7.2	0.2	260	27.4		7.9		24.7		77.9		5.4		8.9		11			
SR5A	Rainy	Calm	17:58	3.2	Surface	1.0	0.4	300	30.4	30.4	8.3	8.3	17.1	17.1	162.5	162.5	11.1	11.1	5.3	6.4	10	10	816581	810682
						1.0	0.4	307	30.4		8.3		17.2		162.4		11.1		5.2		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.2	0.3	315	29.9	29.9	8.3	8.3	17.6	17.6	142.6	142.2	9.8	9.8	7.6		9			
						2.2	0.4	345	29.9		8.3		17.6		141.8		9.7		7.5		10			
SR6A	Rainy	Calm	18:36	4.2	Surface	1.0	0.1	228	30.2	30.2	8.3	8.3	17.4	17.4	164.5	164.2	11.3	11.3	6.3	6.8	10	9	817953	814743
						1.0	0.1	219	30.2		8.3		17.4		163.9		11.2		6.2		11			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	0.1	243	30.2	30.3	8.3	8.3	17.4	17.3	156.9	157.2	10.7	10.8	7.3		8			
						3.2	0.1	227	30.3		8.3		17.3		157.5		10.8		7.3		7			
SR7	Cloudy	Rough	19:04	14.7	Surface	1.0	0.2	186	29.2	29.2	8.3	8.3	19.1	19.1	173.9	173.5	12.0	9.2	3.2	2.9	5	5	823637	823720
						1.0	0.2	189	29.2		8.3		19.1		173.1		11.9		3.2		5			
					Middle	7.4	0.1	203	27.4	27.4	8.3	8.3	24.5	24.5	94.8	94.8	6.5		2.8		5			
						7.4	0.1	199	27.4		8.3		24.5		94.7		6.5		2.8		5			
					Bottom	13.7	0.0	207	26.6	26.6	8.2	8.2	27.3	27.3	85.2	85.4	5.9	5.9	2.9		4			
						13.7	0.0	203	26.6		8.2		27.3		85.6		5.9		2.9		5			
SR8	Rainy	Rough	17:19	4.3	Surface	1.0	-	-	30.9	30.9	8.3	8.3	12.3	12.3	202.1	201.9	14.1	14.1	5.3	5.7	6	6	820401	811615
						1.0	-	-	30.9		8.3		12.3		201.7		14.0		5.4		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.3	-	-	29.8	29.7	8.2	8.2	16.3	17.0	143.7	138.2	10.0	9.6	6.0		6			
						3.3	-	-	29.6		8.2		17.8		132.7		9.2		6.1		5			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 08 July 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	11:54	8.5	Surface	1.0	0.3	199	29.1	29.1	8.2	8.2	16.1	16.1	117.4	117.3	8.2	7.6	3.1	5.1	12	13	815642	804233
						1.0	0.4	206	29.1		8.2		16.1		117.2		8.2		3.1		12			
					Middle	4.3	0.4	206	28.6	28.6	8.2	8.2	18.5	18.5	101.0	100.6	7.1		3.7		12			
						4.3	0.4	210	28.6		8.2		18.5		100.2		7.0		3.7		13			
					Bottom	7.5	0.6	234	27.2	27.2	8.2	8.2	25.2	25.2	60.8	60.9	4.2	4.2	8.2		13			
						7.5	0.6	257	27.2		8.2		25.2		61.0		4.2		8.8		14			
C2	Sunny	Calm	13:23	11.2	Surface	1.0	1.0	154	28.1	28.1	8.3	8.3	14.1	14.1	101.8	101.2	7.4	6.5	4.8	5.6	9	9	825682	806942
						1.0	1.1	165	28.0		8.3		14.2		100.5		7.3		4.8		9			
					Middle	5.6	1.0	149	27.4	27.4	8.2	8.2	23.6	23.6	81.2	81.2	5.6		5.1		8			
						5.6	1.0	152	27.4		8.2		23.5		81.1		5.6		5.5		9			
					Bottom	10.2	0.7	150	27.2	27.3	8.2	8.2	25.6	25.5	74.1	74.3	5.1	5.1	6.8		9			
						10.2	0.8	152	27.4		8.2		25.5		74.4		5.1		6.7		8			
C3	Sunny	Calm	11:11	13.0	Surface	1.0	0.5	96	28.1	28.1	8.3	8.3	21.6	21.6	131.6	131.1	9.1	7.8	4.1	5.4	6	8	822089	817801
						1.0	0.6	97	28.0		8.3		21.7		130.6		9.1		4.2		5			
					Middle	6.5	0.3	91	27.4	27.4	8.3	8.3	25.2	25.3	93.0	92.9	6.4		5.6		8			
						6.5	0.3	97	27.3		8.3		25.3		92.7		6.4		5.6		7			
					Bottom	12.0	0.2	51	27.1	27.2	8.3	8.3	26.6	26.6	87.2	87.4	6.0	6.0	6.6		9			
						12.0	0.3	52	27.2		8.3		26.5		87.6		6.0		6.1		10			
IM1	Cloudy	Moderate	12:18	4.4	Surface	1.0	0.0	121	28.6	28.6	8.0	8.0	22.3	22.3	91.0	91.2	6.2	6.3	4.7	6.3	9	9	817948	807153
						1.0	0.0	128	28.6		8.0		22.3		91.3		6.3		4.7		10			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.4	0.1	301	27.5	27.5	8.0	8.0	25.0	24.9	59.8	60.3	4.1	4.2	8.0		8			
						3.4	0.1	314	27.5		8.0		24.9		60.7		4.2		7.7		8			
IM2	Cloudy	Moderate	12:27	6.5	Surface	1.0	0.1	182	28.7	28.7	8.2	8.2	18.2	18.2	115.9	115.8	8.1	6.3	3.6	8.7	12	14	818181	806159
						1.0	0.1	198	28.7		8.2		18.2		115.6		8.1		3.6		11			
					Middle	3.3	0.1	275	27.6	27.6	8.1	8.1	23.6	23.6	63.5	63.3	4.4		6.9		13			
						3.3	0.2	294	27.6		8.1		23.7		63.1		4.4		7.0		12			
					Bottom	5.5	0.1	338	26.9	26.9	8.2	8.2	26.4	26.4	50.5	50.7	3.5	3.5	15.4		18			
						5.5	0.1	311	26.9		8.2		26.4		50.8		3.5		15.6		19			
IM3	Cloudy	Moderate	12:34	6.5	Surface	1.0	0.2	218	29.4	29.4	8.1	8.1	15.9	15.9	122.4	122.2	8.6	6.2	2.8	7.7	11	12	818780	805606
						1.0	0.2	224	29.4		8.1		15.9		122.0		8.5		2.8		11			
					Middle	3.3	0.2	245	27.4	27.4	7.9	7.9	24.5	24.5	56.5	56.6	3.9		9.9		12			
						3.3	0.2	251	27.4		7.9		24.5		56.6		3.9		9.9		11			
					Bottom	5.5	0.1	300	26.9	26.9	7.9	7.9	26.5	26.5	51.2	51.3	3.5	3.5	10.7		13			
						5.5	0.1	311	26.9		7.9		26.5		51.4		3.5		10.3		12			
IM4	Cloudy	Moderate	12:47	7.8	Surface	1.0	1.0	199	29.0	29.1	8.1	8.1	18.7	18.6	100.3	101.3	7.0	6.3	8.1	11.3	25	27	819742	804606
						1.0	1.1	209	29.1		8.1		18.6		102.2		7.1		8.8		24			
					Middle	3.9	0.8	198	28.2	28.2	8.0	8.0	20.3	20.3	79.8	79.8	5.6		12.2		28			
						3.9	0.8	216	28.2		8.0		20.3		79.8		5.6		12.1		28			
					Bottom	6.8	0.6	183	28.2	28.2	8.0	8.0	20.5	20.5	77.7	77.8	5.4	5.4	13.3		29			
						6.8	0.6	192	28.2		8.0		20.5		77.8		5.4		13.3		30			
IM5	Cloudy	Moderate	12:58	7.3	Surface	1.0	1.1	220	29.8	29.8	8.2	8.2	13.8	13.8	140.8	140.6	9.9	7.9	3.1	9.8	8	8	820711	804883
						1.0	1.1	233	29.8		8.2		13.8		140.4		9.9		3.1		7			
					Middle	3.7	0.9	223	28.2	28.3	8.0	8.0	19.9	19.9	84.1	84.2	5.9		13.2		8			
						3.7	0.9	236	28.3		8.0		19.9		84.3		5.9		13.9		8			
					Bottom	6.3	0.6	219	28.2	28.2	8.0	8.0	20.4	20.4	80.1	80.3	5.6	5.6	12.4		8			
						6.3	0.6	227	28.2		8.0		20.4		80.4		5.6		12.9		9			
IM6	Cloudy	Moderate	13:10	6.8	Surface	1.0	0.9	237	29.1	29.1	8.1	8.1	15.1	15.1	125.1	124.9	8.8	7.2	2.7	7.7	8	8	821082	805828
						1.0	1.0	253	29.1		8.1		15.2		124.6		8.8		2.8		7			
					Middle	3.4	0.9	241	28.2	28.2	7.9	7.9	20.8	20.8	80.5	80.7	5.6		6.8		8			
						3.4	0.9	259	28.2		7.9		20.8		80.9		5.6		6.8		8			
					Bottom	5.8	0.5	234	27.7	27.7	7.9	7.9	22.8	22.8	68.0	68.2	4.7	4.7	13.5		8			
						5.8	0.5	242	27.7		7.9		22.8		68.3		4.7		13.6		8			
IM7	Cloudy	Moderate	13:21	7.2	Surface	1.0	0.6	232	29.1	29.1	8.1	8.1	14.0	14.0	118.5	118.3	8.4	7.1	3.8	5.1	7	9	821353	806856
						1.0	0.7	248	29.0		8.1		14.0		118.0		8.4		3.8		8			
					Middle	3.6	0.5	248	28.3	28.3	8.0	8.0	19.4	19.4	83.4	83.2	5.8		3.6		9			
						3.6	0.6	257	28.2		8.0		19.4		83.0		5.8		3.4		9			
					Bottom	6.2	0.4	245	28.0	28.0	8.0	8.0	21.7	21.7	82.4	82.6	5.7	5.7	8.1		9			
						6.2	0.4	252	28.0		8.0		21.7		82.8		5.7		8.2		9			
IM8	Sunny	Calm	12:54	7.6	Surface	1.0	0.3	157	28.2	28.2	8.3	8.3	18.8	18.8	103.9	104.4	7.3	6.5	5.5	6.4	7	8	821825	808152
						1.0	0.4	159	28.2		8.2		18.8		104.8		7.4		5.6		8			
					Middle	3.8	0.2	196	27.9	27.9	8.2	8.2	21.2	21.2	82.0	82.1	5.7		6.1		8			
						3.8	0.2	197	27.9		8.2		21.2		82.2		5.7		6.0		7			
					Bottom	6.6	0.1	182	28.3	28.4	8.2	8.1	21.5	21.5	79.0	79.4	5.5	5.5	7.6		8			
						6.6	0.1	187	28.4		8.1		21.5		79.8		5.5		7.5		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 08 July 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	Calm	12:48	7.2	Surface	1.0	0.4	131	28.2	28.2	8.2	8.2	15.9	15.7	112.3	110.6	8.0	6.9	5.4	7.0	5	7	822093	808808
						1.0	0.4	136	28.1		8.2		15.6		108.8		7.8		5.6		6			
					Middle	3.6	0.3	98	28.0	28.0	8.2	8.2	20.6	20.6	84.5	84.6	5.9		7.1		6			
						3.6	0.3	98	28.0		8.2		20.6		84.6		5.9		7.2		7			
					Bottom	6.2	0.2	83	28.6	28.7	8.2	8.2	21.0	21.0	81.7	82.6	5.6	5.7	8.6		8			
						6.2	0.2	84	28.7		8.2		20.9		83.5		5.7		8.3		7			
IM10	Sunny	Calm	12:40	7.6	Surface	1.0	0.7	103	29.0	29.1	8.3	8.3	14.9	14.7	123.2	118.5	8.7	7.1	4.3	5.3	8	9	822368	809809
						1.0	0.7	105	29.1		8.3		14.5		113.8		8.1		4.4		8			
					Middle	3.8	0.7	89	27.7	27.7	8.2	8.2	21.2	21.3	82.1	82.0	5.7		5.3		9			
						3.8	0.7	91	27.7		8.2		21.4		81.9		5.7		5.4		9			
					Bottom	6.6	0.6	85	28.0	28.1	8.2	8.2	23.1	23.1	82.3	82.6	5.7	5.7	6.4		10			
						6.6	0.6	90	28.1		8.2		23.0		82.9		5.7		6.3		10			
IM11	Sunny	Calm	12:28	9.0	Surface	1.0	0.8	132	27.8	27.8	8.2	8.2	17.1	17.0	102.3	101.0	7.3	6.3	6.7	7.6	10	10	822037	811476
						1.0	0.8	132	27.7		8.2		17.0		99.6		7.1		6.7		9			
					Middle	4.5	0.6	131	27.4	27.4	8.2	8.2	23.1	23.0	76.8	76.7	5.3		7.6		9			
						4.5	0.6	133	27.4		8.2		23.0		76.6		5.3		7.6		9			
					Bottom	8.0	0.4	142	27.3	27.3	8.2	8.2	24.2	24.2	77.9	78.4	5.4	5.5	8.4		11			
						8.0	0.5	151	27.3		8.2		24.2		78.8		5.5		8.3		10			
IM12	Sunny	Calm	12:19	9.2	Surface	1.0	0.6	121	28.3	28.3	8.3	8.3	18.1	18.1	114.6	112.1	8.1	6.8	6.8	8.1	9	10	821462	812038
						1.0	0.6	121	28.2		8.3		18.1		109.5		7.7		6.9		8			
					Middle	4.6	0.6	115	27.8	27.8	8.2	8.2	21.5	21.4	81.7	81.9	5.7		8.2		11			
						4.6	0.6	122	27.8		8.2		21.4		82.0		5.7		8.4		10			
					Bottom	8.2	0.3	112	27.8	27.9	8.2	8.2	23.4	23.3	73.1	73.4	5.0	5.1	9.4		11			
						8.2	0.3	122	27.9		8.2		23.3		73.7		5.1		9.1		11			
SR1A	Sunny	Calm	11:54	4.7	Surface	1.0	-	-	28.5	28.5	8.3	8.3	19.5	19.5	120.9	120.8	8.4	8.4	4.3	4.7	4	4	819977	812662
						1.0	-	-	28.5		8.3		19.5		120.7		8.4		4.3		3			
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.4	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	-	-	28.4	28.4	8.3	8.3	20.3	20.4	112.8	112.7	7.8	7.8	5.1		4			
						3.7	-	-	28.4		8.3		20.5		112.6		7.8		5.1		4			
SR2	Sunny	Calm	11:37	4.6	Surface	1.0	0.6	73	28.4	28.4	8.2	8.2	17.4	17.5	130.4	129.1	9.2	9.1	4.8	5.4	6	5	821481	814188
						1.0	0.6	77	28.3		8.2		17.5		127.7		9.0		5.0		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.6	0.3	50	28.1	28.2	8.3	8.3	21.3	21.3	95.2	95.4	6.6	6.6	5.9		3			
						3.6	0.3	52	28.2		8.3		21.3		95.5		6.6		5.9		4			
SR3	Sunny	Calm	13:00	9.0	Surface	1.0	0.5	189	28.4	28.4	8.3	8.3	15.3	15.3	118.6	117.5	8.5	7.2	5.3	5.7	11	10	822150	807589
						1.0	0.5	191	28.3		8.3		15.3		116.4		8.3		5.3		12			
					Middle	4.5	0.4	173	27.7	27.7	8.2	8.2	20.4	20.3	85.7	85.8	6.0		5.4		10			
						4.5	0.4	182	27.6		8.2		20.3		85.8		6.1		5.4		10			
					Bottom	8.0	0.4	186	28.0	28.1	8.2	8.2	24.1	24.0	79.6	80.3	5.5	5.5	6.4		9			
						8.0	0.5	188	28.1		8.2		24.0		80.9		5.5		6.5		8			
SR4A	Cloudy	Moderate	11:32	8.7	Surface	1.0	0.3	251	28.7	28.7	8.2	8.2	18.7	18.6	111.1	111.0	7.7	5.9	5.1	6.3	9	9	817195	807820
						1.0	0.3	262	28.7		8.2		18.6		110.8		7.7		5.1		9			
					Middle	4.4	0.1	279	27.3	27.3	8.2	8.2	24.9	24.9	58.0	58.1	4.0		6.5		8			
						4.4	0.1	291	27.3		8.2		24.9		58.1		4.0		6.5		9			
					Bottom	7.7	0.1	248	27.1	27.1	8.3	8.3	25.8	25.8	53.8	53.8	3.7	3.7	7.4		9			
						7.7	0.1	254	27.1		8.3		25.8		53.8		3.7		7.4		8			
SR5A	Cloudy	Moderate	11:04	3.6	Surface	1.0	0.1	76	28.9	28.9	8.2	8.2	19.2	19.3	112.6	112.1	7.8	7.8	8.9	10.7	13	12	816575	810715
						1.0	0.1	79	28.9		8.2		19.3		111.6		7.7		9.9		12			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.6	0.1	106	28.9	28.9	8.2	8.2	19.6	19.6	102.8	103.0	7.1	7.1	12.0		11			
						2.6	0.1	100	28.9		8.2		19.6		103.1		7.1		12.1		11			
SR6A	Cloudy	Moderate	10:32	4.4	Surface	1.0	0.1	9	28.7	28.7	8.0	8.0	20.7	20.7	93.1	93.0	6.4	6.4	6.4	7.8	10	9	817963	814721
						1.0	0.1	9	28.7		8.0		20.7		92.9		6.4		6.4		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.4	0.1	232	27.8	27.8	8.0	8.0	23.1	23.1	74.8	74.8	5.2	5.2	9.2		9			
						3.4	0.1	233	27.8		8.0		23.1		74.8		5.2		9.2		8			
SR7	Sunny	Calm	10:31	18.7	Surface	1.0	0.6	63	27.8	27.8	8.3	8.3	23.8	23.8	125.4	123.5	8.6	7.3	1.1	2.3	8	6	823654	823727
						1.0	0.6	63	27.8		8.3		23.9		121.5		8.4		1.1		7			
					Middle	9.4	0.2	48	26.7	26.7	8.2	8.2	27.7	27.7	89.5	89.6	6.1		2.4		6			
						9.4	0.2	52	26.7		8.2		27.8		89.7		6.2		2.5		6			
					Bottom	17.7	0.2	34	26.8	26.9	8.2	8.2	27.9	27.9	92.9	93.5	6.3	6.4	3.4		5			
						17.7	0.3	34	26.9		8.2		27.9		94.1		6.4		3.3		5			
SR8	Sunny	Calm	12:12	5.2	Surface	1.0	-	-	29.1	29.1	8.3	8.3	18.3	18.3	133.5	131.7	9.3	9.2	6.4	6.9	8	9	820370	811604
						1.0	-	-	29.0		8.3		18.4		129.9		9.0		6.3		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.2	-	-	29.0	29.0	8.3	8.3	18.6	18.6	123.0	122.9	8.5	8.5	7.5		10			
						4.2	-	-	28.9		8.3		18.6		122.7		8.5		7.6		10			

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 08 July 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	19:17	8.5	Surface	1.0	0.5	58	29.1	29.1	8.1	8.1	16.9	16.9	116.7	116.5	8.2	7.1	9.6	11.8	7	7	815599	804250
						1.0	0.5	61	29.0		8.1		16.9		116.3		8.2		10.0		6			
					Middle	4.3	0.4	72	28.3	28.3	8.0	8.0	19.9	19.9	85.4	85.3	6.0		12.2		8			
						4.3	0.4	77	28.2		8.0		19.9		85.1		5.9		12.4		7			
					Bottom	7.5	0.2	22	28.0	28.0	8.0	8.0	22.0	22.0	74.0	74.1	5.1	5.1	13.1		7			
						7.5	0.2	21	28.0		8.0		22.0		74.1		5.1		13.2		6			
C2	Sunny	Calm	17:40	10.8	Surface	1.0	1.3	18	28.4	28.4	8.1	8.1	13.2	13.1	78.5	78.8	5.7	5.5	5.7	6.8	5	6	825690	806945
						1.0	1.3	19	28.3		8.1		13.0		79.0		5.7		5.8		5			
					Middle	5.4	0.9	18	27.7	27.7	8.1	8.1	20.1	20.0	74.0	74.0	5.2		7.2		6			
						5.4	1.0	18	27.6		8.1		20.0		73.9		5.2		7.3		6			
					Bottom	9.8	0.4	19	27.6	27.6	8.2	8.2	21.8	21.8	74.3	74.4	5.2	5.2	7.5		6			
						9.8	0.4	20	27.6		8.2		21.7		74.5		5.2		7.4		7			
C3	Sunny	Calm	19:32	11.4	Surface	1.0	0.4	216	27.9	27.9	8.5	8.5	19.6	19.7	119.4	116.3	8.4	7.0	2.4	3.5	12	10	822089	817820
						1.0	0.5	234	27.8		8.5		19.7		113.2		8.0		2.3		11			
					Middle	5.7	0.5	226	27.2	27.1	8.3	8.2	23.3	23.3	81.9	81.7	5.7		3.4		10			
						5.7	0.5	233	27.0		8.2		23.3		81.4		5.7		3.5		10			
					Bottom	10.4	0.4	225	26.5	26.5	8.2	8.2	27.9	28.0	71.3	71.5	4.9	4.9	4.6		9			
						10.4	0.4	256	26.5		8.2		28.0		71.6		4.9		4.6		9			
IM1	Cloudy	Moderate	18:54	4.6	Surface	1.0	0.0	19	29.9	29.9	8.2	8.2	17.6	17.6	152.9	151.6	10.5	10.4	5.4	7.0	12	11	817952	807133
						1.0	0.0	20	29.9		8.2		17.6		150.3		10.3		5.8		13			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.6	0.0	248	27.5	27.5	7.8	7.8	24.7	24.8	65.1	65.3	4.5	4.5	8.5		9			
						3.6	0.0	268	27.5		7.8		24.8		65.5		4.5		8.5		10			
IM2	Cloudy	Moderate	18:44	6.4	Surface	1.0	0.2	87	28.3	28.4	7.9	7.9	21.9	21.9	91.7	91.6	6.3	5.1	4.5	6.4	8	9	818179	806159
						1.0	0.2	91	28.4		7.9		21.9		91.4		6.3		4.5		7			
					Middle	3.2	0.2	123	27.3	27.3	7.7	7.7	25.1	25.1	56.6	56.6	3.9		7.3		8			
						3.2	0.3	124	27.3		7.7		25.1		56.5		3.9		7.4		9			
					Bottom	5.4	0.1	88	27.0	27.0	7.7	7.7	25.9	25.9	52.4	52.6	3.6	3.6	7.7		10			
						5.4	0.1	85	27.0		7.7		25.9		52.7		3.6		7.2		11			
IM3	Cloudy	Moderate	18:35	6.7	Surface	1.0	0.3	5	29.3	29.3	8.0	8.0	19.5	19.5	119.4	119.2	8.2	6.4	4.7	6.9	8	8	818760	805588
						1.0	0.3	5	29.3		8.0		19.5		119.0		8.2		4.8		7			
					Middle	3.4	0.2	353	27.7	27.7	7.8	7.8	24.1	24.1	65.4	65.7	4.5		5.7		7			
						3.4	0.2	325	27.7		7.8		24.0		66.0		4.5		5.8		8			
					Bottom	5.7	0.1	321	27.0	27.1	7.7	7.7	25.9	25.8	46.7	48.6	3.2	3.4	10.2		8			
						5.7	0.1	330	27.1		7.7		25.7		50.5		3.5		10.3		7			
IM4	Cloudy	Moderate	18:25	6.8	Surface	1.0	0.8	69	28.8	28.8	7.9	7.9	16.9	16.9	102.2	102.2	7.2	6.9	12.7	11.4	12	12	819711	804583
						1.0	0.8	75	28.8		7.9		16.9		102.2		7.2		12.5		12			
					Middle	3.4	0.7	85	28.6	28.6	7.9	7.9	17.6	17.6	94.7	94.5	6.7		11.3		12			
						3.4	0.7	89	28.6		7.9		17.6		94.2		6.6		11.2		11			
					Bottom	5.8	0.4	67	28.0	28.0	7.8	7.8	21.4	21.4	75.6	75.8	5.3	5.3	10.3		11			
						5.8	0.4	68	28.0		7.8		21.4		75.9		5.3		10.3		11			
IM5	Cloudy	Moderate	18:18	6.4	Surface	1.0	0.9	42	29.3	29.3	8.2	8.2	16.1	15.9	125.8	129.4	8.8	7.6	3.5	8.4	9	10	820733	804848
						1.0	1.0	46	29.3		8.2		15.6		132.9		9.3		3.6		9			
					Middle	3.2	0.8	45	28.4	28.4	7.9	7.9	19.1	19.1	89.0	89.0	6.2		8.1		9			
						3.2	0.8	44	28.4		8.0		19.1		89.0		6.2		8.2		10			
					Bottom	5.4	0.5	37	28.4	28.4	8.0	8.0	19.4	19.4	89.5	89.7	6.3	6.3	13.8		11			
						5.4	0.5	36	28.4		8.0		19.4		89.9		6.3		13.1		11			
IM6	Cloudy	Moderate	18:11	6.5	Surface	1.0	1.1	23	30.0	30.0	8.2	8.2	12.4	12.4	144.6	144.5	10.2	8.8	3.1	8.8	11	12	821046	805825
						1.0	1.2	25	30.0		8.2		12.4		144.4		10.2		3.2		10			
					Middle	3.3	1.0	25	28.8	28.8	7.9	7.9	16.7	16.7	103.9	104.0	7.3		10.7		11			
						3.3	1.1	26	28.8		7.9		16.7		104.1		7.3		10.4		12			
					Bottom	5.5	0.7	25	28.6	28.6	7.9	7.9	17.3	17.3	95.9	95.9	6.8	6.8	12.7		13			
						5.5	0.8	27	28.6		7.9		17.3		95.9		6.8		12.6		12			
IM7	Cloudy	Moderate	18:04	7.8	Surface	1.0	1.0	23	29.8	29.8	8.3	8.3	12.5	12.5	135.0	134.6	9.6	8.4	3.2	7.4	12	11	821328	806846
						1.0	1.0	25	29.8		8.3		12.5		134.1		9.5		3.2		11			
					Middle	3.9	0.9	24	28.7	28.7	8.2	8.2	17.2	17.2	103.1	102.7	7.3		8.8		10			
						3.9	0.9	26	28.6		8.2		17.2		102.2		7.2		9.1		11			
					Bottom	6.8	0.7	25	28.5	28.5	8.3	8.3	17.9	17.9	87.8	87.8	6.2	6.2	10.0		10			
						6.8	0.7	27	28.5		8.3		17.9		87.8		6.2		10.0		10			
IM8	Sunny	Calm	18:01	7.0	Surface	1.0	0.6	223	29.3	29.3	8.3	8.3	11.1	11.0	114.7	118.5	8.3	8.7	4.6	5.6	6	5	821852	808142
						1.0	0.6	241	29.3		8.3		10.9		122.2		8.8		4.6		5			
					Middle	3.5	0.4	225	29.0	29.0	8.3	8.3	14.4	14.3	124.8	122.7	8.9		5.8		6			
						3.5	0.4	246	29.0		8.3		14.3		120.6		8.6		5.8		5			
					Bottom	6.0	0.3	245	28.8	28.8	8.3	8.3	15.4	15.4	118.8	118.2	8.4	8.4	6.4		5			
						6.0	0.3	261	28.7		8.3		15.4		117.5		8.3		6.7		4			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 08 July 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	Calm	18:07	6.2	Surface	1.0	0.4	244	29.3	29.3	8.2	8.2	9.1	9.1	113.2	116.7	8.3	8.5	3.1	4.2	6	5	822109	808800
						1.0	0.4	258	29.2		8.2		9.2		120.1		8.8		3.1		5			
					Middle	3.1	0.3	226	28.9	28.9	8.2	8.2	14.5	14.5	118.4	117.9	8.4		4.2		4			
						3.1	0.3	232	28.9		8.2		14.5		117.4		8.4		4.2		5			
					Bottom	5.2	0.1	276	28.8	28.8	8.3	8.3	16.5	16.4	112.5	112.3	7.9	7.9	5.3		5			
						5.2	0.1	276	28.8		8.3		16.4		112.1		7.9		5.2		4			
IM10	Sunny	Calm	18:15	6.0	Surface	1.0	0.3	238	30.5	30.5	8.3	8.3	8.5	8.5	120.6	121.1	8.6	8.5	3.6	4.3	5	5	822385	809804
						1.0	0.3	233	30.5		8.3		8.5		121.6		8.7		3.6		4			
					Middle	3.0	0.3	226	28.8	28.8	8.3	8.3	15.1	15.1	118.0	117.0	8.4		4.2		4			
						3.0	0.4	219	28.8		8.3		15.2		115.9		8.2		4.2		5			
					Bottom	5.0	0.4	219	28.8	28.8	8.3	8.3	16.7	16.7	111.1	111.3	7.8	7.9	5.0		6			
						5.0	0.4	220	28.8		8.3		16.7		111.5		7.9		5.0		6			
IM11	Sunny	Calm	18:25	8.2	Surface	1.0	0.4	281	28.9	28.9	8.3	8.3	13.3	13.3	145.0	142.4	10.4	8.7	1.1	4.2	5	7	822046	811448
						1.0	0.4	287	28.8		8.3		13.4		139.8		10.0		1.1		4			
					Middle	4.1	0.7	288	28.3	28.3	8.3	8.3	17.8	17.8	102.8	102.4	7.3		4.2		7			
						4.1	0.7	290	28.2		8.3		17.8		102.0		7.2		4.2		8			
					Bottom	7.2	0.3	297	28.2	28.2	8.2	8.2	20.7	20.7	91.5	91.8	6.4	6.4	7.4		10			
						7.2	0.3	301	28.2		8.2		20.8		92.0		6.4		7.3		10			
IM12	Sunny	Calm	18:31	7.8	Surface	1.0	0.7	225	28.5	28.5	8.2	8.2	15.3	15.0	117.8	114.8	8.4	7.5	6.7	7.6	6	7	821451	812050
						1.0	0.7	225	28.4		8.2		14.7		111.7		8.0		7.0		5			
					Middle	3.9	0.4	300	28.3	28.3	8.3	8.3	18.6	18.7	96.7	96.5	6.8		7.5		8			
						3.9	0.4	307	28.2		8.3		18.7		96.2		6.8		7.5		8			
					Bottom	6.8	0.3	294	28.2	28.2	8.2	8.2	20.5	20.5	88.1	88.6	6.1	6.2	8.6		8			
						6.8	0.3	300	28.2		8.2		20.4		89.1		6.2		8.6		8			
SR1A	Sunny	Calm	18:57	5.1	Surface	1.0	-	-	29.0	29.0	8.3	8.3	17.2	17.2	142.6	142.1	10.0	10.0	5.3	6.0	11	13	819970	812659
						1.0	-	-	29.0		8.3		17.2		141.5		9.9		5.3		12			
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.6	-	-	-		-		-		-		-		-		-			
					Bottom	4.1	-	-	29.0	29.0	8.3	8.3	18.8	18.9	138.1	137.9	9.6	9.6	6.8		14			
						4.1	-	-	29.0		8.3		18.9		137.7		9.6		6.7		14			
SR2	Sunny	Calm	19:12	3.8	Surface	1.0	0.2	270	29.2	29.2	8.3	8.3	13.8	13.8	155.3	154.7	11.0	11.0	5.9	6.1	12	13	821474	814171
						1.0	0.2	274	29.2		8.3		13.8		154.0		10.9		5.9		12			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.8	0.2	266	28.7	28.7	8.2	8.2	16.5	16.5	124.9	125.1	8.8	8.9	6.3		13			
						2.8	0.3	272	28.7		8.2		16.5		125.3		8.9		6.3		13			
SR3	Sunny	Calm	17:55	7.6	Surface	1.0	0.8	17	29.4	29.5	8.3	8.3	12.5	12.4	100.7	100.6	7.2	7.0	5.3	6.9	8	7	822166	807549
						1.0	0.9	18	29.5		8.3		12.3		100.4		7.2		5.4		7			
					Middle	3.8	0.5	19	28.3	28.3	8.2	8.2	17.9	17.8	94.9	95.1	6.7		6.8		6			
						3.8	0.5	20	28.3		8.2		17.7		95.3		6.7		6.9		6			
					Bottom	6.6	0.4	21	28.4	28.4	8.2	8.2	19.2	19.2	85.7	85.2	6.0	6.0	8.4		6			
						6.6	0.5	23	28.4		8.2		19.2		84.6		5.9		8.5		6			
SR4A	Cloudy	Moderate	19:38	8.4	Surface	1.0	0.7	253	29.3	29.3	8.0	8.0	20.2	20.2	114.2	114.1	7.8	7.6	13.4	13.8	20	24	817209	807813
						1.0	0.7	276	29.3		8.0		20.2		114.0		7.8		13.2		21			
					Middle	4.2	0.5	251	29.1	29.1	8.0	8.0	20.3	20.3	108.6	108.6	7.5		13.2		24			
						4.2	0.6	254	29.1		8.0		20.3		108.6		7.4		13.3		24			
					Bottom	7.4	0.5	255	29.1	29.1	8.0	8.0	20.4	20.4	106.0	106.0	7.3	7.3	14.8		28			
						7.4	0.5	271	29.1		8.0		20.4		105.9		7.3		14.8		28			
SR5A	Cloudy	Moderate	20:00	3.6	Surface	1.0	0.3	275	29.5	29.5	8.1	8.1	20.1	20.2	126.3	126.2	8.6	8.6	7.1	9.0	14	15	816599	810674
						1.0	0.3	277	29.5		8.1		20.2		126.1		8.6		7.3		14			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.6	0.3	282	29.3	29.3	8.1	8.1	20.4	20.4	116.2	116.0	8.0	8.0	10.8		17			
						2.6	0.3	285	29.3		8.1		20.4		115.7		7.9		10.8		16			
SR6A	Cloudy	Moderate	20:34	4.2	Surface	1.0	0.1	341	29.3	29.3	8.1	8.1	19.6	19.6	137.5	137.4	9.5	9.5	11.0	10.8	17	18	817946	814732
						1.0	0.1	314	29.3		8.1		19.6		137.2		9.4		10.5		18			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	0.1	355	29.2	29.2	8.0	8.0	21.0	21.0	115.5	118.2	7.9	8.1	10.9		19			
						3.2	0.1	327	29.2		8.0		21.0		120.8		8.2		11.0		19			
SR7	Sunny	Calm	20:12	17.6	Surface	1.0	0.1	274	28.1	28.1	8.3	8.3	19.8	19.9	117.4	116.2	8.2	7.1	5.1	6.3	12	12	823614	823726
						1.0	0.1	288	28.0		8.3		19.9		114.9		8.1		5.1		13			
					Middle	8.8	0.1	204	27.8	27.9	8.3	8.3	21.5	22.2	88.7	88.8	6.1		6.0		12			
						8.8	0.1	208	27.9		8.3		22.8		88.8		6.1		6.0		12			
					Bottom	16.6	0.0	128	28.1	28.2	8.3	8.3	23.2	23.2	91.9	93.0	6.3	6.4	7.8		12			
						16.6	0.0	129	28.2		8.3		23.2		94.1		6.5		7.8		12			
SR8	Sunny	Calm	18:38	4.2	Surface	1.0	-	-	29.6	29.7	8.3	8.3	15.2	15.2	152.9	150.5	10.7	10.6	5.2	5.8	14	14	820388	811633
						1.0	-	-	29.7		8.3		15.2		148.1		10.4		5.1		13			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	29.6	29.6	8.3	8.3	16.5	16.5	147.7	147.8	10.3	10.3	6.5		14			
						3.2	-	-	29.5		8.3		16.5		147.8		10.3		6.5		13			

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 10 July 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	12:48	8.2	Surface	1.0	0.6	206	29.1	29.1	8.2	8.2	18.4	18.3	123.3	122.3	8.6	6.9	2.7	6.9	7	8	815605	804244
						1.0	0.6	220	29.0		8.2		18.3		121.2		8.4		2.7		7			
					Middle	4.1	0.4	213	27.9	27.9	8.2	8.2	24.8	24.8	78.7	78.1	5.4		5.4		8			
						4.1	0.4	224	27.9		8.2		24.8		77.5		5.3		5.4		7			
					Bottom	7.2	0.5	222	26.6	26.6	8.2	8.2	29.2	29.2	45.2	45.3	3.1	3.1	12.9		8			
						7.2	0.5	240	26.6		8.2		29.2		45.4		3.1		12.6		8			
C2	Sunny	Moderate	11:40	12.5	Surface	1.0	0.3	147	29.5	29.5	8.3	8.3	16.0	16.0	141.0	140.4	9.9	7.3	4.1	9.6	6	7	825669	806930
						1.0	0.3	154	29.4		8.3		16.1		139.7		9.8		4.1		6			
					Middle	6.3	0.5	161	27.5	27.5	8.2	8.2	24.3	24.3	69.6	69.7	4.8		8.0		7			
						6.3	0.5	172	27.5		8.2		24.4		69.8		4.8		7.8		7			
					Bottom	11.5	0.5	140	26.1	26.1	8.1	8.1	29.7	29.7	54.2	54.3	3.7	3.7	16.9		8			
						11.5	0.5	145	26.1		8.1		29.7		54.3		3.7		16.7		8			
C3	Fine	Moderate	13:29	11.7	Surface	1.0	0.3	305	28.1	28.1	8.3	8.3	23.9	23.8	107.4	107.2	7.4	6.3	4.9	7.1	5	6	822128	817801
						1.0	0.3	328	28.1		8.3		23.8		106.9		7.3		5.0		6			
					Middle	5.9	0.0	210	27.2	27.2	8.3	8.3	26.4	26.4	77.8	77.6	5.3		6.1		6			
						5.9	0.0	220	27.2		8.3		26.4		77.3		5.3		6.1		6			
					Bottom	10.7	0.1	51	26.2	26.2	8.2	8.2	30.1	30.1	57.5	57.7	3.9	4.0	10.3		6			
						10.7	0.1	55	26.2		8.2		30.1		57.8		4.0		10.4		8			
IM1	Cloudy	Moderate	12:27	5.1	Surface	1.0	0.1	197	27.6	27.7	8.2	8.2	24.8	24.7	67.6	67.8	4.6	4.6	4.1	7.5	6	6	817933	807115
						1.0	0.2	205	27.7		8.2		24.7		67.9		4.6		4.1		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.1	0.1	162	27.4	27.4	8.1	8.1	26.6	26.6	63.0	63.4	4.3	4.3	11.0		7			
						4.1	0.1	174	27.4		8.1		26.6		63.7		4.3		11.0		6			
IM2	Cloudy	Moderate	12:18	7.1	Surface	1.0	0.2	143	27.6	27.6	8.1	8.1	24.8	24.7	75.1	75.1	5.1	4.6	2.7	9.0	5	6	818169	806162
						1.0	0.2	153	27.6		8.1		24.7		75.1		5.1		2.8		6			
					Middle	3.6	0.2	141	27.0	27.0	8.2	8.2	27.2	27.2	58.7	58.7	4.0		9.5		6			
						3.6	0.3	149	27.0		8.2		27.2		58.7		4.0		10.2		7			
					Bottom	6.1	0.2	132	27.0	27.0	8.1	8.1	27.6	27.6	55.5	55.6	3.8	3.8	14.8		7			
						6.1	0.2	138	27.0		8.1		27.6		55.7		3.8		14.3		7			
IM3	Sunny	Moderate	12:11	7.2	Surface	1.0	0.2	161	28.1	28.1	8.2	8.2	22.0	22.0	88.5	88.3	6.1	4.8	3.0	7.5	7	7	818769	805600
						1.0	0.2	163	28.1		8.2		22.0		88.1		6.1		3.0		8			
					Middle	3.6	0.5	134	26.8	26.8	8.2	8.2	27.5	27.5	51.3	51.3	3.5		7.1		7			
						3.6	0.5	135	26.8		8.2		27.6		51.3		3.5		7.7		8			
					Bottom	6.2	0.3	121	26.8	26.8	8.2	8.2	28.2	28.2	53.3	53.5	3.6	3.6	11.9		8			
						6.2	0.3	125	26.8		8.2		28.2		53.7		3.6		12.0		6			
IM4	Sunny	Moderate	12:02	8.0	Surface	1.0	0.7	201	29.6	29.6	8.2	8.2	13.2	13.2	107.1	105.2	7.5	5.5	2.9	8.2	4	4	819743	804608
						1.0	0.7	212	29.6		8.2		13.2		103.2		7.3		3.3		3			
					Middle	4.0	0.5	186	26.8	26.8	8.2	8.2	28.0	28.0	53.3	53.3	3.6		9.8		4			
						4.0	0.6	187	26.8		8.2		28.1		53.2		3.6		10.3		4			
					Bottom	7.0	0.3	156	26.8	26.8	8.2	8.2	28.1	28.1	53.8	54.1	3.7	3.7	11.3		5			
						7.0	0.3	158	26.8		8.2		28.1		54.3		3.7		11.3		4			
IM5	Sunny	Moderate	11:55	7.4	Surface	1.0	0.7	226	29.6	29.6	8.2	8.2	13.8	13.8	111.0	110.8	7.8	6.3	2.6	5.3	5	5	820734	804858
						1.0	0.7	237	29.6		8.2		13.8		110.6		7.7		2.6		4			
					Middle	3.7	0.5	198	27.5	27.5	8.2	8.2	21.3	22.7	71.2	69.8	5.0		3.7		5			
						3.7	0.5	215	27.4		8.3		24.2		68.3		4.7		4.1		5			
					Bottom	6.4	0.4	188	26.9	26.9	8.3	8.3	27.9	27.9	54.6	54.7	3.7	3.7	9.3		5			
						6.4	0.4	203	26.9		8.3		27.9		54.8		3.7		9.4		5			
IM6	Sunny	Moderate	11:47	7.7	Surface	1.0	0.4	237	29.7	29.8	8.2	8.2	12.5	12.5	106.4	106.5	7.5	5.8	2.6	5.7	4	5	821036	805812
						1.0	0.4	243	29.8		8.2		12.5		106.6		7.5		2.8		5			
					Middle	3.9	0.2	245	27.2	27.2	8.3	8.3	25.9	26.0	59.8	59.7	4.1		5.8		5			
						3.9	0.2	256	27.2		8.3		26.1		59.6		4.1		6.2		6			
					Bottom	6.7	0.2	192	27.0	27.1	8.3	8.3	26.9	26.9	55.8	55.9	3.8	3.8	8.3		5			
						6.7	0.2	207	27.1		8.3		26.9		56.0		3.8		8.6		6			
IM7	Sunny	Moderate	11:41	8.3	Surface	1.0	0.2	205	29.3	29.3	8.3	8.3	16.4	16.3	109.1	109.1	7.6	6.0	2.9	5.5	4	5	821360	806846
						1.0	0.2	206	29.3		8.3		16.2		109.0		7.6		2.9		4			
					Middle	4.2	0.1	241	27.8	27.8	8.3	8.3	22.6	22.6	63.2	63.1	4.4		5.5		5			
						4.2	0.1	242	27.7		8.3		22.6		63.0		4.4		5.8		5			
					Bottom	7.3	0.1	94	27.4	27.4	8.3	8.3	25.6	25.6	53.4	53.6	3.7	3.7	7.8		7			
						7.3	0.1	101	27.4		8.3		25.6		53.7		3.7		7.9		6			
IM8	Sunny	Moderate	12:00	8.3	Surface	1.0	0.1	226	29.8	29.8	8.3	8.3	16.3	16.3	159.6	159.4	11.1	7.9	3.7	6.8	5	6	821809	808160
						1.0	0.1	233	29.8		8.3		16.3		159.2		11.0		3.7		5			
					Middle	4.2	0.1	100	27.7	27.7	8.2	8.2	23.4	23.5	67.5	67.3	4.7		6.7		7			
						4.2	0.1	107	27.7		8.2		23.5		67.0		4.6		6.7		6			
					Bottom	7.3	0.2	39	27.1	27.1	8.1	8.1	25.8	25.8	53.7	53.8	3.7	3.7	9.9		7			
						7.3	0.2	40	27.1		8.1		25.8		53.9		3.7		10.0		6			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 10 July 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	12:05	7.9	Surface	1.0	0.2	118	29.5	29.5	8.3	8.3	16.1	16.1	133.0	132.8	9.3	7.4	4.2	6.4	7	7	822105	808805
						1.0	0.2	120	29.5		8.3		16.2		132.6		9.3		4.2		6			
					Middle	4.0	0.3	99	28.1	28.1	8.2	8.2	22.1	22.1	79.7	79.5	5.5		4.0		6			
						4.0	0.3	108	28.0		8.2		22.2		79.2		5.5		4.1		7			
					Bottom	6.9	0.2	72	27.3	27.3	8.1	8.1	25.0	25.0	58.8	59.0	4.1	4.1	11.0		6			
						6.9	0.2	73	27.3		8.1		25.0		59.1		4.1		11.0		7			
IM10	Sunny	Moderate	12:12	7.6	Surface	1.0	0.7	112	29.1	29.1	8.3	8.3	17.0	17.0	123.2	123.2	8.6	6.5	4.8	7.9	7	6	822376	809797
						1.0	0.7	122	29.1		8.3		17.0		123.1		8.6		4.9		7			
					Middle	3.8	0.6	110	27.5	27.5	8.1	8.1	23.9	23.9	61.8	61.8	4.3		8.6		7			
						3.8	0.7	114	27.5		8.1		23.9		61.8		4.3		8.6		6			
					Bottom	6.6	0.5	89	27.5	27.5	8.1	8.1	24.4	24.4	59.9	60.0	4.1	4.1	10.4		4			
						6.6	0.5	92	27.5		8.1		24.4		60.0		4.1		10.2		4			
IM11	Sunny	Moderate	12:21	9.0	Surface	1.0	0.7	98	28.8	28.8	8.3	8.3	18.7	18.7	108.6	106.2	7.6	5.9	4.1	8.9	6	5	822042	811456
						1.0	0.8	106	28.8		8.3		18.8		103.7		7.2		4.0		5			
					Middle	4.5	0.7	99	27.6	27.6	8.1	8.1	23.9	23.9	64.2	64.2	4.4		9.2		5			
						4.5	0.7	104	27.6		8.1		23.9		64.2		4.4		9.3		4			
					Bottom	8.0	0.5	98	27.5	27.5	8.1	8.1	24.4	24.4	62.3	62.4	4.3	4.3	13.3		4			
						8.0	0.5	102	27.5		8.1		24.4		62.4		4.3		13.4		5			
IM12	Sunny	Moderate	12:27	9.5	Surface	1.0	0.9	118	29.6	29.6	8.3	8.3	17.3	17.2	160.6	160.1	11.1	7.6	3.2	9.7	7	7	821444	812046
						1.0	0.9	118	29.6		8.3		17.2		159.5		11.0		3.3		8			
					Middle	4.8	0.7	118	27.5	27.5	8.1	8.1	24.2	24.2	60.9	61.1	4.2		12.7		7			
						4.8	0.7	126	27.5		8.1		24.2		61.2		4.2		12.8		6			
					Bottom	8.5	0.2	97	27.3	27.3	8.2	8.2	25.4	25.5	66.1	66.2	4.6	4.6	13.2		5			
						8.5	0.2	98	27.2		8.2		25.5		66.2		4.6		13.1		6			
SR1A	Fine	Calm	12:57	5.6	Surface	1.0	-	-	29.4	29.4	8.3	8.3	18.4	18.4	137.4	137.4	9.5	9.5	4.2	4.2	7	8	819980	812659
						1.0	-	-	29.4		8.3		18.4		137.3		9.5		4.2		8			
					Middle	2.8	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.8	-	-	-		-		-		-		-		-		-			
					Bottom	4.6	-	-	29.3	29.3	8.3	8.3	19.2	19.2	130.7	130.7	9.0	9.0	4.2		8			
						4.6	-	-	29.3		8.3		19.2		130.6		9.0		4.2		7			
SR2	Fine	Moderate	13:12	4.2	Surface	1.0	0.4	88	29.8	29.8	8.3	8.3	17.6	17.6	157.7	157.3	10.9	10.9	2.7	3.6	5	6	821452	814147
						1.0	0.4	94	29.8		8.3		17.6		156.8		10.8		2.8		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	0.3	86	28.5	28.5	8.3	8.3	20.8	20.8	110.8	110.6	7.7	7.7	4.5		6			
						3.2	0.3	87	28.5		8.3		20.8		110.4		7.6		4.5		6			
SR3	Sunny	Moderate	11:54	9.4	Surface	1.0	0.2	190	30.0	30.0	8.3	8.3	16.0	16.0	164.4	164.0	11.4	8.0	3.3	6.2	6	5	822126	807551
						1.0	0.2	193	30.0		8.3		16.0		163.6		11.3		3.3		5			
					Middle	4.7	0.1	166	27.7	27.7	8.2	8.2	23.3	23.3	67.5	67.5	4.7		6.5		5			
						4.7	0.1	169	27.7		8.2		23.3		67.5		4.7		6.5		4			
					Bottom	8.4	0.2	31	27.0	27.0	8.1	8.1	26.3	26.3	53.7	53.8	3.7	3.7	8.8		5			
						8.4	0.2	33	27.0		8.1		26.3		53.8		3.7		8.9		4			
SR4A	Cloudy	Moderate	13:12	8.7	Surface	1.0	0.3	258	28.9	28.9	8.3	8.3	19.6	19.6	108.6	107.9	7.5	5.6	5.7	8.2	9	9	817205	807815
						1.0	0.4	269	28.8		8.3		19.7		107.1		7.4		6.0		8			
					Middle	4.4	0.2	267	27.4	27.4	8.3	8.3	25.5	25.6	53.7	53.8	3.7		8.1		8			
						4.4	0.2	271	27.3		8.3		25.6		53.8		3.7		8.3		9			
					Bottom	7.7	0.1	262	27.2	27.3	8.3	8.3	26.5	26.5	51.5	51.7	3.5	3.6	10.4		10			
						7.7	0.1	283	27.3		8.3		26.5		51.9		3.6		10.4		11			
SR5A	Cloudy	Moderate	13:31	3.8	Surface	1.0	0.2	317	29.5	29.5	8.3	8.3	18.5	18.5	121.0	120.7	8.3	8.3	7.3	8.8	8	9	816580	810673
						1.0	0.2	325	29.4		8.3		18.5		120.4		8.3		7.1		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.8	0.1	307	29.4	29.5	8.3	8.3	20.1	20.1	97.9	99.1	6.7	6.8	10.3		10			
						2.8	0.1	335	29.5		8.3		20.1		100.3		6.8		10.4		11			
SR6A	Cloudy	Moderate	14:14	4.0	Surface	1.0	0.2	351	28.8	28.8	8.3	8.3	20.9	20.9	101.2	101.0	7.0	7.0	12.7	13.9	11	12	817941	814747
						1.0	0.2	355	28.7		8.3		20.9		100.7		6.9		12.3		12			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.0	0.0	302	28.1	28.1	8.3	8.3	23.3	23.4	82.7	82.9	5.7	5.7	15.5		11			
						3.0	0.0	306	28.1		8.3		23.4		83.1		5.7		15.3		12			
SR7	Fine	Moderate	13:54	14.4	Surface	1.0	0.6	64	28.9	28.9	8.3	8.3	21.0	21.0	138.8	138.8	9.5	8.7	4.3	3.7	7	7	823613	823751
						1.0	0.6	66	28.9		8.3		21.0		138.7		9.5		4.3		7			
					Middle	7.2	0.1	79	28.1	28.1	8.3	8.3	23.0	23.0	115.6	115.6	7.9		3.5		7			
						7.2	0.1	80	28.1		8.3		22.9		115.5		7.9		3.6		7			
					Bottom	13.4	0.1	100	28.0	28.0	8.3	8.3	23.5	23.5	110.3	110.3	7.6	7.6	3.3		7			
						13.4	0.1	107	28.0		8.3		23.5		110.3		7.6		3.3		6			
SR8	Fine	Moderate	12:35	4.4	Surface	1.0	-	-	29.5	29.5	8.3	8.3	18.3	18.3	142.5	142.6	9.8	9.8	4.0	4.4	7	6	820382	811630
						1.0	-	-	29.5		8.3		18.3		142.6		9.8		3.9		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.4	-	-	29.7	29.7	8.3	8.3	18.9	18.9	142.1	142.0	9.7	9.7	4.7		5			
						3.4	-	-	29.7		8.3		18.9		141.9		9.7		4.9		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 10 July 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	Moderate	20:03	8.5	Surface	1.0	0.4	34	28.3	28.3	7.7	7.7	19.0	19.0	77.9	77.9	5.5	4.1	3.0	8.5	5	5	815643	804244
						1.0	0.4	35	28.3		7.7		19.0		77.8		5.5		3.0		6			
					Middle	4.3	0.3	34	26.3	26.3	7.6	7.6	29.7	29.7	38.5	38.5	2.6		7.4		5			
						4.3	0.3	36	26.3		7.6		29.7		38.5		2.6		7.4		5			
					Bottom	7.5	0.3	50	26.1	26.1	7.6	7.6	30.4	30.4	40.7	40.9	2.8	2.8	14.9		5			
						7.5	0.3	54	26.1		7.6		30.4		41.1		2.8		15.3		4			
C2	Fine	Moderate	22:20	12.2	Surface	1.0	0.2	113	28.9	28.9	8.3	8.3	17.0	17.0	109.1	109.1	7.7	6.3	4.3	9.4	4	4	825686	806964
						1.0	0.2	119	28.9		8.3		17.0		109.1		7.7		4.3		4			
					Middle	6.1	0.2	145	27.9	27.9	8.2	8.2	22.4	22.4	69.2	69.2	4.8		11.6		4			
						6.1	0.2	149	27.9		8.2		22.4		69.1		4.8		11.4		4			
					Bottom	11.2	0.2	171	26.3	26.3	8.1	8.1	28.8	28.8	55.9	56.0	3.8	3.8	12.6		4			
						11.2	0.2	179	26.3		8.1		28.9		56.0		3.8		12.5		4			
C3	Fine	Moderate	19:24	12.3	Surface	1.0	0.5	240	28.0	28.0	8.3	8.3	22.9	22.8	100.9	101.0	7.0	5.9	2.7	4.6	5	5	822107	817806
						1.0	0.5	250	28.0		8.3		22.8		101.1		7.0		2.7		5			
					Middle	6.2	0.6	260	26.6	26.6	8.2	8.2	28.6	28.6	69.3	69.1	4.7		2.8		5			
						6.2	0.6	283	26.6		8.2		28.6		68.9		4.7		2.9		5			
					Bottom	11.3	0.5	280	25.7	25.7	8.1	8.1	31.6	31.6	50.0	50.1	3.4	3.4	8.1		6			
						11.3	0.6	282	25.7		8.1		31.6		50.2		3.4		8.2		6			
IM1	Sunny	Moderate	20:25	5.6	Surface	1.0	0.1	47	28.7	28.7	7.8	7.8	15.2	15.2	95.4	95.3	6.8	6.8	2.7	3.7	3	4	817952	807124
						1.0	0.1	50	28.7		7.8		15.2		95.2		6.8		2.9		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.6	0.1	42	28.2	28.2	7.8	7.8	20.7	20.7	81.4	81.8	5.7	5.7	4.6		4			
						4.6	0.1	42	28.2		7.8		20.7		82.1		5.7		4.6		5			
IM2	Sunny	Moderate	20:34	7.7	Surface	1.0	0.1	350	28.8	28.8	7.8	7.7	17.3	17.3	85.4	85.3	6.0	5.3	2.8	5.4	4	3	818181	806147
						1.0	0.1	322	28.8		7.7		17.2		85.2		6.0		2.8		3			
					Middle	3.9	0.2	41	27.9	27.9	7.7	7.7	23.0	23.0	66.7	66.7	4.6		3.3		3			
						3.9	0.2	41	27.8		7.7		23.0		66.6		4.6		3.3		3			
					Bottom	6.7	0.1	65	27.2	27.2	7.7	7.7	25.9	25.8	54.2	54.2	3.7	3.7	10.2		3			
						6.7	0.2	65	27.2		7.7		25.8		54.1		3.7		10.0		3			
IM3	Sunny	Moderate	20:40	7.8	Surface	1.0	0.2	322	28.9	28.9	7.7	7.7	17.0	17.0	83.6	83.6	5.9	5.2	2.5	4.8	4	4	818762	805574
						1.0	0.2	350	28.8		7.7		17.0		83.5		5.9		2.5		4			
					Middle	3.9	0.3	4	27.6	27.6	7.7	7.7	23.9	23.9	63.3	63.3	4.4		3.4		4			
						3.9	0.3	4	27.6		7.7		24.0		63.2		4.4		3.7		4			
					Bottom	6.8	0.1	358	27.1	27.1	7.7	7.7	26.1	26.1	54.0	54.2	3.7	3.7	8.3		4			
						6.8	0.1	329	27.1		7.7		26.1		54.3		3.7		8.6		4			
IM4	Sunny	Moderate	20:50	8.5	Surface	1.0	0.5	352	28.7	28.7	7.8	7.8	16.2	16.2	85.1	85.0	6.0	4.7	2.6	6.5	4	4	819715	804630
						1.0	0.5	324	28.7		7.8		16.2		84.9		6.0		2.6		4			
					Middle	4.3	0.4	21	27.0	27.0	7.7	7.7	26.6	26.6	49.8	49.8	3.4		7.2		3			
						4.3	0.4	22	27.0		7.7		26.6		49.7		3.4		7.1		4			
					Bottom	7.5	0.3	13	27.0	27.0	7.7	7.7	26.6	26.6	49.2	49.4	3.4	3.4	9.8		4			
						7.5	0.3	13	27.0		7.7		26.6		49.5		3.4		10.0		3			
IM5	Sunny	Moderate	20:58	7.8	Surface	1.0	0.6	0	28.4	28.4	7.8	7.8	21.4	21.4	76.2	76.4	5.3	4.9	2.6	7.4	5	5	820727	804875
						1.0	0.7	0	28.4		7.8		21.4		76.6		5.3		2.6		4			
					Middle	3.9	0.5	22	27.0	27.0	7.7	7.7	26.4	26.5	65.2	65.2	4.5		7.8		4			
						3.9	0.5	22	27.0		7.7		26.5		65.2		4.4		8.2		4			
					Bottom	6.8	0.3	33	27.0	27.0	7.7	7.7	26.7	26.7	50.7	50.9	3.5	3.5	11.8		5			
						6.8	0.3	34	27.0		7.7		26.7		51.0		3.5		11.6		5			
IM6	Sunny	Moderate	21:07	8.0	Surface	1.0	0.1	315	28.9	28.9	7.9	7.9	17.5	17.5	94.8	94.5	6.6	5.5	2.8	6.5	6	5	821083	805841
						1.0	0.2	323	28.9		7.9		17.5		94.2		6.6		2.8		5			
					Middle	4.0	0.2	352	27.7	27.7	7.8	7.8	23.5	23.5	62.0	62.0	4.3		6.4		5			
						4.0	0.2	324	27.7		7.8		23.5		62.0		4.3		6.4		6			
					Bottom	7.0	0.2	71	27.4	27.4	7.8	7.8	24.9	24.9	56.8	57.0	3.9	3.9	10.3		6			
						7.0	0.2	72	27.4		7.8		24.9		57.2		3.9		10.2		4			
IM7	Sunny	Moderate	21:17	7.4	Surface	1.0	0.2	242	28.7	28.7	7.8	7.8	15.2	15.2	89.0	88.7	6.3	5.6	4.7	8.9	4	4	821333	806857
						1.0	0.2	257	28.6		7.8		15.3		88.4		6.3		4.7		5			
					Middle	3.7	0.0	100	28.1	28.1	7.7	7.7	20.2	20.2	70.0	69.8	4.9		10.2		4			
						3.7	0.0	107	28.0		7.7		20.2		69.6		4.9		10.7		2			
					Bottom	6.4	0.2	102	27.4	27.4	7.7	7.7	24.7	24.7	51.7	51.8	3.6	3.6	11.4		3			
						6.4	0.2	107	27.4		7.7		24.7		51.8		3.6		11.5		4			
IM8	Fine	Moderate	21:55	8.8	Surface	1.0	0.4	72	28.6	28.6	8.3	8.3	17.7	17.7	91.5	91.6	6.4	5.9	5.6	9.7	4	4	821844	808124
						1.0	0.4	79	28.6		8.3		17.7		91.6		6.4		5.6		4			
					Middle	4.4	0.3	65	28.2	28.2	8.2	8.2	20.3	20.3	77.9	77.9	5.4		7.1		4			
						4.4	0.3	69	28.2		8.2		20.3		77.8		5.4		7.1		5			
					Bottom	7.8	0.2	80	27.0	27.0	8.1	8.1	26.6	26.6	50.5	50.7	3.5	3.5	16.4		5			
						7.8	0.3	85	27.0		8.1		26.6		50.8		3.5		16.6		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 10 July 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	21:48	8.6	Surface	1.0	0.4	69	28.8	28.8	8.3	8.3	17.5	17.5	97.8	97.5	6.9	6.3	3.9	6.5	6	6	822111	808804
						1.0	0.4	72	28.8		8.3		17.5		97.1		6.8		3.9		7			
					Middle	4.3	0.4	69	28.5	28.5	8.2	8.2	19.6	19.6	81.9	81.8	5.7		4.1		5			
						4.3	0.5	75	28.5		8.2		19.6		81.6		5.7		4.1		6			
					Bottom	7.6	0.4	56	27.4	27.4	8.0	8.0	24.8	24.8	51.4	51.5	3.5	3.6	11.7		5			
						7.6	0.4	57	27.4		8.0		24.8		51.5		3.6		11.5		6			
IM10	Fine	Moderate	21:23	8.8	Surface	1.0	0.2	71	28.9	28.9	8.3	8.3	19.3	19.3	103.3	103.2	7.2	6.6	4.0	4.5	5	5	822369	809810
						1.0	0.2	74	28.9		8.3		19.3		103.0		7.1		3.9		4			
					Middle	4.4	0.4	71	28.6	28.6	8.3	8.3	19.9	19.9	88.2	87.9	6.1		4.3		5			
						4.4	0.4	72	28.6		8.3		19.9		87.6		6.1		4.4		4			
					Bottom	7.8	0.3	74	27.7	27.7	8.2	8.2	24.0	24.0	70.7	70.9	4.9	4.9	5.2		5			
						7.8	0.4	75	27.7		8.2		24.0		71.0		4.9		5.2		5			
IM11	Fine	Moderate	20:38	9.1	Surface	1.0	0.4	233	28.7	28.7	8.3	8.3	19.1	19.1	111.4	111.3	7.8	7.3	3.3	5.3	4	5	822048	811454
						1.0	0.4	245	28.7		8.3		19.1		111.1		7.7		3.2		4			
					Middle	4.6	0.3	241	28.2	28.2	8.3	8.3	21.7	21.7	97.6	97.4	6.8		3.1		5			
						4.6	0.3	244	28.2		8.3		21.7		97.2		6.7		3.2		6			
					Bottom	8.1	0.1	5	26.8	26.8	8.2	8.2	27.4	27.4	64.8	64.8	4.4	4.5	9.8		6			
						8.1	0.1	5	26.8		8.2		27.4		64.8		4.5		9.4		6			
IM12	Fine	Moderate	20:31	9.8	Surface	1.0	0.3	235	28.5	28.5	8.3	8.3	20.2	20.2	108.0	108.1	7.5	6.3	3.5	6.6	4	5	821439	812026
						1.0	0.3	255	28.5		8.3		20.2		108.1		7.5		3.5		5			
					Middle	4.9	0.2	273	27.4	27.4	8.2	8.2	25.1	25.2	74.8	74.7	5.1		6.8		5			
						4.9	0.2	295	27.4		8.2		25.2		74.6		5.1		6.8		5			
					Bottom	8.8	0.0	65	26.7	26.7	8.2	8.2	28.0	28.0	64.6	64.7	4.4	4.4	9.5		5			
						8.8	0.0	69	26.7		8.2		28.0		64.7		4.4		9.5		6			
SR1A	Fine	Calm	19:59	5.5	Surface	1.0	-	-	29.0	29.0	8.3	8.3	17.7	17.7	103.2	103.1	7.2	7.2	3.9	4.5	6	7	819980	812665
						1.0	-	-	29.0		8.3		17.7		103.0		7.2		3.9		7			
					Middle	2.8	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.8	-	-	-		-		-		-		-		-		-			
					Bottom	4.5	-	-	28.6	28.6	8.3	8.3	20.6	20.6	89.7	89.7	6.2	6.2	5.1		6			
						4.5	-	-	28.6		8.3		20.6		89.6		6.2		5.0		7			
SR2	Fine	Moderate	19:44	4.8	Surface	1.0	0.6	295	28.7	28.7	8.3	8.3	19.1	19.2	103.6	103.3	7.2	7.2	4.4	9.3	5	5	821448	814189
						1.0	0.6	296	28.7		8.3		19.2		103.0		7.2		4.4		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.8	0.2	213	26.2	26.3	8.2	8.2	29.6	29.6	60.1	60.2	4.1	4.1	14.3		4			
						3.8	0.2	227	26.3		8.2		29.6		60.3		4.1		14.0		4			
SR3	Fine	Moderate	22:01	10.0	Surface	1.0	0.3	165	28.7	28.7	8.3	8.3	16.9	16.9	98.3	98.1	6.9	5.9	4.9	11.9	5	5	822152	807550
						1.0	0.3	174	28.7		8.3		16.9		97.8		6.9		4.9		5			
					Middle	5.0	0.2	166	28.0	28.0	8.2	8.2	22.1	22.1	71.2	71.0	4.9		9.8		4			
						5.0	0.3	174	28.0		8.2		22.2		70.8		4.9		10.2		5			
					Bottom	9.0	0.3	90	27.1	27.1	8.0	8.0	26.3	26.3	48.7	48.9	3.4	3.4	20.7		4			
						9.0	0.3	92	27.1		8.0		26.3		49.1		3.4		20.7		4			
SR4A	Sunny	Moderate	19:41	8.8	Surface	1.0	0.3	60	28.8	28.8	7.8	7.8	15.6	15.6	91.9	91.8	6.5	5.9	2.7	6.0	3	3	817182	807801
						1.0	0.3	60	28.8		7.8		15.6		91.6		6.5		2.9		4			
					Middle	4.4	0.2	90	28.3	28.3	7.7	7.7	20.3	20.3	74.1	74.0	5.2		5.0		3			
						4.4	0.2	91	28.2		7.7		20.3		73.8		5.2		5.3		4			
					Bottom	7.8	0.3	70	26.9	26.9	7.6	7.6	27.3	27.3	54.8	54.9	3.7	3.7	10.2		3			
						7.8	0.3	70	26.9		7.6		27.3		54.9		3.7		10.2		3			
SR5A	Sunny	Moderate	19:21	3.8	Surface	1.0	0.1	323	29.2	29.2	7.8	7.8	19.6	19.7	98.9	98.9	6.8	6.8	7.2	8.7	6	6	816608	810684
						1.0	0.1	343	29.2		7.8		19.7		98.8		6.8		8.1		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.8	0.0	304	29.0	29.0	7.8	7.8	20.1	20.1	92.0	91.9	6.3	6.3	9.8		6			
						2.8	0.0	311	29.0		7.8		20.1		91.8		6.3		9.7		5			
SR6A	Sunny	Moderate	18:54	4.5	Surface	1.0	0.0	294	29.1	29.1	7.9	7.9	18.1	18.1	103.1	103.0	7.2	7.2	4.0	4.9	5	6	817983	814736
						1.0	0.0	294	29.0		7.9		18.1		102.9		7.2		4.2		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.5	0.0	279	28.6	28.6	7.9	7.9	20.3	20.3	90.1	90.1	6.2	6.2	5.7		6			
						3.5	0.0	304	28.6		7.9		20.3		90.1		6.2		5.7		6			
SR7	Fine	Moderate	18:56	14.6	Surface	1.0	0.3	358	27.3	27.3	8.3	8.3	25.4	25.4	87.3	87.4	6.0	5.5	2.6	3.0	4	4	823612	823726
						1.0	0.3	329	27.3		8.3		25.4		87.4		6.0		2.6		3			
					Middle	7.3	0.2	65	26.7	26.7	8.2	8.2	28.1	28.1	72.2	72.2	4.9		2.9		3			
						7.3	0.2	69	26.7		8.2		28.1		72.2		4.9		2.9		4			
					Bottom	13.6	0.2	43	25.8	25.8	8.1	8.1	31.2	31.2	53.2	53.3	3.6	3.6	3.5		4			
						13.6	0.3	44	25.8		8.1		31.2		53.4		3.6		3.4		5			
SR8	Fine	Moderate	20:22	5.2	Surface	1.0	-	-	28.7	28.7	8.3	8.3	19.7	19.7	99.7	99.6	6.9	6.9	4.1	8.1	5	5	820402	811608
						1.0	-	-	28.7		8.3		19.8		99.4		6.9		4.2		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.2	-	-	27.9	27.9	8.2	8.2	23.2	23.2	80.2	80.2	5.5	5.5	12.0		5			
						4.2	-	-	27.9		8.2		23.2		80.1		5.5		12.1		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 13 July 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	14:49	8.8	Surface	1.0	0.5	234	30.3	30.3	7.7	7.7	22.2	22.2	176.0	176.0	11.7	8.3	1.6	6.8	6	8	815631	804244
						1.0	0.6	249	30.3		7.7		22.2		176.0		11.7		1.7		6			
					Middle	4.4	0.6	203	27.9	27.9	7.8	7.9	26.2	26.3	71.8	71.8	4.9		4.6		8			
						4.4	0.6	221	27.8		7.9		26.3		71.7		4.9		5.1		9			
					Bottom	7.8	0.4	211	27.4	27.4	7.8	7.8	29.4	29.4	56.6	56.6	3.8	3.8	13.5		10			
						7.8	0.4	216	27.4		7.8		29.4		56.5		3.8		14.2		9			
C2	Sunny	Moderate	13:33	12.0	Surface	1.0	0.6	160	28.9	28.9	8.3	8.3	19.0	19.0	105.3	104.8	7.3	6.7	6.8	8.2	6	8	825685	806934
						1.0	0.6	168	28.9		8.3		19.0		104.3		7.2		6.8		7			
					Middle	6.0	0.4	158	28.4	28.4	8.2	8.2	21.8	21.9	89.1	88.4	6.1		8.4		7			
						6.0	0.4	170	28.4		8.2		21.9		87.7		6.0		8.7		8			
					Bottom	11.0	0.3	137	28.9	29.0	8.2	8.2	23.7	23.5	83.9	85.1	5.7	5.8	9.3		9			
						11.0	0.4	144	29.0		8.2		23.3		86.3		5.8		9.0		10			
C3	Sunny	Moderate	15:25	12.0	Surface	1.0	0.3	78	28.3	28.3	8.4	8.4	24.8	24.9	111.9	110.0	7.6	6.8	6.0	6.6	6	6	822110	817779
						1.0	0.3	79	28.2		8.4		24.9		108.1		7.3		6.0		6			
					Middle	6.0	0.1	33	27.3	27.3	8.3	8.3	25.9	25.9	91.0	90.0	6.2		6.7		7			
						6.0	0.1	33	27.2		8.3		26.0		89.0		6.1		6.8		6			
					Bottom	11.0	0.2	26	27.3	27.3	8.2	8.2	29.0	29.0	73.3	75.4	4.9	5.1	7.1		6			
						11.0	0.3	28	27.3		8.2		28.9		77.5		5.2		7.0		7			
IM1	Sunny	Moderate	14:27	4.8	Surface	1.0	0.0	295	30.2	30.3	7.8	7.8	21.9	21.9	178.3	178.6	11.9	11.9	1.9	6.1	5	6	817943	807143
						1.0	0.0	323	30.3		7.7		21.9		178.8		11.9		1.9		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.8	0.1	141	28.5	28.5	7.8	7.8	25.1	25.1	75.2	75.3	5.1	5.1	10.1		7			
						3.8	0.1	153	28.5		7.7		25.1		75.4		5.1		10.6		6			
IM2	Sunny	Moderate	14:19	7.0	Surface	1.0	0.3	180	30.4	30.4	8.0	8.0	21.6	21.6	170.3	169.6	11.4	8.0	1.6	8.5	8	7	818174	806142
						1.0	0.3	188	30.4		8.0		21.6		168.8		11.3		1.6		9			
					Middle	3.5	0.2	140	28.1	28.1	8.0	8.0	26.0	26.1	69.4	69.3	4.7		12.5		6			
						3.5	0.3	143	28.1		8.0		26.1		69.1		4.7		12.8		6			
					Bottom	6.0	0.2	136	28.3	28.4	8.0	8.0	26.2	26.2	69.4	70.0	4.7	4.7	11.4		6			
						6.0	0.2	145	28.4		8.0		26.1		70.5		4.7		11.4		5			
IM3	Sunny	Moderate	14:11	7.3	Surface	1.0	0.2	150	28.5	28.5	8.0	8.0	23.9	23.8	103.4	103.4	7.0	5.8	3.2	7.0	15	10	818800	805576
						1.0	0.2	160	28.4		8.0		23.8		103.4		7.0		3.3		14			
					Middle	3.7	0.3	150	28.2	28.2	7.9	7.9	25.5	25.5	68.7	68.4	4.7		4.4		7			
						3.7	0.3	160	28.2		7.9		25.6		68.1		4.6		4.4		6			
					Bottom	6.3	0.3	119	28.1	28.1	7.9	7.9	26.8	26.8	67.6	67.9	4.6	4.6	13.0		8			
						6.3	0.3	120	28.1		7.9		26.8		68.1		4.6		13.8		7			
IM4	Sunny	Moderate	14:01	8.2	Surface	1.0	0.4	192	28.1	28.1	7.8	7.8	25.6	25.6	71.5	71.5	4.8	4.5	10.9	11.6	19	14	819708	804616
						1.0	0.4	195	28.1		7.7		25.6		71.4		4.8		11.0		17			
					Middle	4.1	0.3	182	27.7	27.7	7.7	7.7	27.3	27.3	59.9	60.0	4.1		11.4		13			
						4.1	0.3	191	27.7		7.7		27.3		60.0		4.1		11.6		12			
					Bottom	7.2	0.3	179	27.8	27.9	7.7	7.8	27.3	27.3	60.6	60.8	4.1	4.1	12.4		10			
						7.2	0.3	181	27.9		7.8		27.3		61.0		4.1		12.5		10			
IM5	Sunny	Moderate	13:53	8.2	Surface	1.0	0.5	230	28.9	28.9	8.0	8.0	22.4	22.4	102.6	102.7	7.0	6.1	3.6	9.0	5	6	820737	804878
						1.0	0.5	241	28.9		8.0		22.4		102.7		7.0		3.7		5			
					Middle	4.1	0.4	195	28.0	28.0	8.0	8.0	25.8	25.7	75.1	75.1	5.1		7.6		5			
						4.1	0.5	211	28.0		8.0		25.7		75.1		5.1		8.6		6			
					Bottom	7.2	0.3	178	27.8	27.9	7.9	7.9	27.1	27.1	63.2	63.3	4.3	4.3	15.3		6			
						7.2	0.3	184	27.9		7.9		27.1		63.3		4.3		15.4		6			
IM6	Sunny	Moderate	13:44	7.9	Surface	1.0	0.3	241	29.1	29.1	7.8	7.8	21.5	21.4	101.2	101.7	6.9	5.6	4.6	11.1	6	8	821061	805825
						1.0	0.3	258	29.1		7.8		21.4		102.2		7.0		4.5		6			
					Middle	4.0	0.3	180	27.9	28.0	7.7	7.7	25.8	25.8	62.6	62.6	4.3		12.6		8			
						4.0	0.3	190	28.0		7.7		25.9		62.5		4.2		13.5		7			
					Bottom	6.9	0.2	195	28.0	28.1	7.8	7.8	25.8	25.8	62.8	62.9	4.3	4.3	15.5		10			
						6.9	0.2	203	28.1		7.7		25.8		62.9		4.3		15.6		8			
IM7	Sunny	Moderate	13:34	8.0	Surface	1.0	0.3	229	28.8	28.8	7.9	7.9	20.7	20.7	100.6	99.8	6.9	6.0	5.6	8.2	6	7	821326	806844
						1.0	0.3	237	28.7		7.8		20.7		98.9		6.8		5.8		6			
					Middle	4.0	0.1	145	28.4	28.4	7.8	7.8	24.1	24.2	76.5	76.2	5.2		7.4		6			
						4.0	0.1	157	28.3		7.7		24.4		75.9		5.2		7.4		6			
					Bottom	7.0	0.2	114	28.2	28.2	7.7	7.7	25.0	25.0	66.8	66.9	4.5	4.5	11.6		9			
						7.0	0.2	124	28.2		7.7		25.0		67.0		4.5		11.5		8			
IM8	Sunny	Moderate	13:52	8.0	Surface	1.0	0.1	90	30.1	30.1	8.3	8.3	20.6	20.6	142.1	141.7	9.6	7.9	5.6	7.2	7	7	821828	808145
						1.0	0.1	96	30.1		8.3		20.7		141.2		9.5		5.8		8			
					Middle	4.0	0.1	140	28.4	28.4	8.2	8.2	22.3	22.3	91.1	90.7	6.3		7.2		6			
						4.0	0.1	140	28.3		8.2		22.3		90.3		6.2		7.3		7			
					Bottom	7.0	0.2	138	28.1	28.1	8.2	8.2	24.8	24.7	78.9	79.1	5.4	5.4	8.7		6			
						7.0	0.2	141	28.1		8.2		24.7		79.2		5.4		8.7		6			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 13 July 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	13:58	7.8	Surface	1.0	0.2	109	29.2	29.1	8.3	8.3	20.8	20.8	144.4	143.9	9.9	8.4	5.8	6.6	6	6	822101	808817
						1.0	0.2	118	29.0		8.3		20.9		143.4		9.8		5.6		6			
					Middle	3.9	0.2	129	28.4	28.4	8.4	8.4	21.9	22.0	102.4	99.0	7.1		6.7		6			
						3.9	0.2	132	28.3		8.4		22.0		95.6		6.6		6.6		6			
					Bottom	6.8	0.3	123	28.1	28.1	8.2	8.2	24.9	24.9	81.5	83.8	5.5	5.7	7.5		6			
						6.8	0.3	125	28.1		8.2		24.9		86.1		5.9		7.6		7			
IM10	Sunny	Moderate	14:06	8.2	Surface	1.0	0.9	96	29.2	29.1	8.4	8.4	20.3	20.3	157.7	155.8	10.8	8.2	5.1	6.5	7	6	822395	809802
						1.0	1.0	101	29.0		8.3		20.3		153.9		10.6		5.1		6			
					Middle	4.1	0.7	94	28.4	28.4	8.2	8.2	23.6	23.6	84.6	83.4	5.8		6.3		7			
						4.1	0.8	100	28.4		8.2		23.6		82.2		5.6		6.3		6			
					Bottom	7.2	0.5	84	28.3	28.3	8.2	8.2	23.7	23.7	82.8	83.0	5.7	5.7	7.9		5			
						7.2	0.5	84	28.3		8.2		23.7		83.2		5.7		8.0		6			
IM11	Sunny	Moderate	14:15	8.0	Surface	1.0	0.9	98	28.9	28.8	8.4	8.4	20.6	20.6	142.4	137.9	9.8	8.0	5.7	6.7	7	7	822079	811477
						1.0	0.9	104	28.7		8.4		20.7		133.3		9.2		5.8		8			
					Middle	4.0	0.8	101	28.5	28.5	8.3	8.3	22.9	22.9	94.3	94.3	6.4		6.3		6			
						4.0	0.8	101	28.5		8.3		22.9		94.3		6.4		6.4		7			
					Bottom	7.0	0.6	94	28.5	28.5	8.3	8.3	23.0	23.0	96.6	97.0	6.6	6.7	7.8		6			
						7.0	0.6	94	28.5		8.3		23.0		97.4		6.7		7.9		5			
IM12	Sunny	Moderate	14:20	9.9	Surface	1.0	0.7	123	30.4	30.6	8.4	8.4	18.7	18.4	159.5	154.0	10.8	8.5	6.1	7.2	5	4	821469	812056
						1.0	0.8	124	30.8		8.4		18.2		148.5		10.0		6.1		5			
					Middle	5.0	0.6	121	28.6	28.6	8.3	8.3	22.7	22.7	96.6	97.0	6.6		7.2		4			
						5.0	0.6	131	28.6		8.3		22.7		97.3		6.7		7.3		5			
					Bottom	8.9	0.3	79	28.3	28.4	8.2	8.2	25.3	25.4	76.7	77.5	5.2	5.3	8.1		4			
						8.9	0.3	83	28.4		8.2		25.4		78.2		5.3		8.1		3			
SR1A	Sunny	Moderate	14:32	4.2	Surface	1.0	-	-	30.2	30.2	8.2	8.2	20.8	20.8	150.1	149.4	10.1	10.1	5.7	5.9	3	4	819975	812662
						1.0	-	-	30.2		8.2		20.8		148.7		10.0		5.7		4			
					Middle	2.1	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.1	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	30.1	30.1	8.3	8.3	20.8	20.7	144.3	144.9	9.7	9.8	6.2		5			
						3.2	-	-	30.1		8.3		20.7		145.4		9.8		6.0		4			
SR2	Sunny	Moderate	15:06	4.4	Surface	1.0	0.5	68	29.1	29.2	8.4	8.4	22.1	22.1	123.7	122.0	8.4	8.3	5.9	6.7	4	6	821449	814173
						1.0	0.5	72	29.2		8.4		22.1		120.3		8.2		5.8		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.4	0.4	65	29.5	29.6	8.4	8.4	22.1	22.1	110.5	110.7	7.5	7.5	7.4		6			
						3.4	0.4	66	29.6		8.4		22.1		110.9		7.5		7.5		7			
SR3	Sunny	Moderate	13:47	9.2	Surface	1.0	0.2	223	30.1	30.1	8.3	8.3	20.3	20.3	125.5	123.4	8.5	7.0	6.3	7.3	6	6	822155	807566
						1.0	0.2	238	30.1		8.3		20.3		121.3		8.2		6.2		6			
					Middle	4.6	0.2	210	28.2	28.2	8.3	8.3	23.3	23.3	81.7	81.5	5.6		7.4		5			
						4.6	0.3	210	28.1		8.3		23.4		81.3		5.6		7.4		6			
					Bottom	8.2	0.1	180	28.1	28.1	8.3	8.3	25.2	25.2	71.9	72.2	4.9	4.9	8.4		6			
						8.2	0.2	196	28.1		8.3		25.1		72.5		4.9		8.4		5			
SR4A	Sunny	Moderate	15:13	8.9	Surface	1.0	0.1	252	30.2	30.2	7.8	7.8	22.5	22.5	153.5	153.3	10.2	7.7	3.0	6.6	7	6	817203	807806
						1.0	0.1	266	30.2		7.8		22.5		153.1		10.2		2.9		6			
					Middle	4.5	0.1	216	28.4	28.4	7.8	7.8	24.7	24.7	76.9	77.0	5.2		6.0		6			
						4.5	0.1	235	28.4		7.8		24.8		77.0		5.2		6.3		7			
					Bottom	7.9	0.0	253	28.4	28.4	7.7	7.7	25.4	25.4	69.4	69.6	4.7	4.7	10.7		5			
						7.9	0.0	254	28.4		7.7		25.4		69.8		4.7		10.5		6			
SR5A	Sunny	Moderate	15:31	4.1	Surface	1.0	0.1	296	30.6	30.6	7.9	7.9	21.4	21.4	131.3	131.2	8.7	8.7	3.7	7.5	6	7	816587	810710
						1.0	0.1	296	30.5		7.9		21.4		131.1		8.7		4.2		7			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.1	0.1	337	29.6	29.6	8.0	8.0	22.1	22.1	107.7	107.7	7.3	7.3	10.7		7			
						3.1	0.1	348	29.6		8.0		22.1		107.6		7.3		11.3		7			
SR6A	Sunny	Moderate	16:12	4.5	Surface	1.0	0.1	7	29.7	29.8	7.7	7.8	22.1	22.1	108.4	108.0	7.3	7.3	13.3	12.2	7	10	817969	814754
						1.0	0.1	7	29.8		7.8		22.1		107.6		7.2		13.3		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.5	0.0	343	28.4	28.4	7.8	7.9	24.4	24.4	71.4	71.7	4.9	4.9	10.9		11			
						3.5	0.0	359	28.4		7.9		24.5		71.9		4.9		11.4		12			
SR7	Sunny	Moderate	16:00	15.4	Surface	1.0	0.9	83	28.0	27.9	8.4	8.4	24.7	24.8	109.1	108.4	7.5	6.2	4.3	5.7	6	5	823632	823761
						1.0	0.9	89	27.8		8.4		24.9		107.6		7.4		4.4		7			
					Middle	7.7	0.5	86	27.1	27.1	8.2	8.2	28.3	28.3	73.9	74.0	5.0		5.9		4			
						7.7	0.5	86	27.1		8.2		28.4		74.0		5.0		5.9		5			
					Bottom	14.4	0.1	114	26.9	26.9	8.2	8.2	29.2	29.1	78.9	80.3	5.4	5.5	7.1		3			
						14.4	0.1	124	26.9		8.2		29.1		81.7		5.5		6.9		3			
SR8	Sunny	Moderate	14:28	5.4	Surface	1.0	-	-	30.0	30.0	8.3	8.3	20.5	20.5	152.2	152.3	10.3	10.3	4.1	4.6	5	6	820366	811606
						1.0	-	-	30.0		8.3		20.6		152.3		10.3		4.2		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.4	-	-	30.1	30.1	8.3	8.3	20.8	20.7	140.5	140.4	9.5	9.5	5.1		6			
						4.4	-	-	30.1		8.3		20.7		140.2		9.4		5.0		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 13 July 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	Moderate	08:45	8.5	Surface	1.0	0.6	37	28.8	28.8	7.8	7.8	22.1	22.1	90.7	90.6	6.2	5.5	2.8	8.0	4	4	815598	804237
						1.0	0.6	37	28.8		7.8		22.1		90.5		6.2		2.8		4			
					Middle	4.3	0.5	33	27.9	27.9	7.8	7.8	25.1	25.1	70.4	70.4	4.8		5.1		4			
						4.3	0.5	35	27.8		7.8		25.1		70.3		4.8		5.1		4			
					Bottom	7.5	0.3	19	27.2	27.2	7.8	7.8	29.0	29.0	57.4	57.7	3.9	3.9	16.0		3			
						7.5	0.3	19	27.2		7.8		29.0		58.0		3.9		16.2		3			
C2	Fine	Moderate	09:54	13.0	Surface	1.0	0.4	41	28.9	28.9	8.3	8.3	18.9	18.9	102.1	101.9	7.1	6.6	6.6	7.4	3	3	825658	806948
						1.0	0.5	45	28.9		8.3		18.9		101.6		7.1		6.8		3			
					Middle	6.5	0.4	13	28.3	28.3	8.2	8.2	22.1	22.1	87.8	87.5	6.1		7.2		3			
						6.5	0.4	14	28.3		8.2		22.1		87.2		6.0		7.3		3			
					Bottom	12.0	0.3	1	28.5	28.6	8.2	8.2	24.8	24.8	77.7	78.2	5.3	5.3	8.1		3			
						12.0	0.4	1	28.6		8.2		24.8		78.6		5.3		8.1		3			
C3	Fine	Calm	07:48	12.2	Surface	1.0	0.4	280	29.0	29.0	8.3	8.3	20.6	20.6	96.0	95.3	6.6	5.5	4.9	6.0	6	8	822110	817788
						1.0	0.5	281	29.0		8.3		20.6		94.6		6.5		4.9		7			
					Middle	6.1	0.6	285	26.9	26.9	8.2	8.2	28.8	28.9	66.7	66.8	4.5		5.7		7			
						6.1	0.6	303	26.8		8.2		28.9		66.8		4.5		6.1		7			
					Bottom	11.2	0.6	286	26.8	26.8	8.2	8.2	29.1	29.1	68.0	68.3	4.6	4.7	7.2		9			
						11.2	0.6	300	26.8		8.2		29.1		68.5		4.7		7.3		10			
IM1	Sunny	Moderate	09:05	5.4	Surface	1.0	0.0	356	28.9	28.9	8.0	8.0	22.1	22.1	103.0	102.9	7.0	7.0	3.5	5.5	6	7	817968	807120
						1.0	0.0	328	28.8		8.0		22.1		102.7		7.0		3.9		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.4	0.1	2	28.1	28.1	7.9	7.9	25.8	25.8	68.1	68.3	4.6	4.6	7.2		7			
						4.4	0.1	2	28.1		8.0		25.8		68.5		4.6		7.6		8			
IM2	Sunny	Moderate	09:14	7.5	Surface	1.0	0.3	357	28.6	28.6	7.8	7.8	22.8	22.8	89.5	89.1	6.1	5.4	4.2	9.4	8	8	818139	806177
						1.0	0.3	328	28.5		7.8		22.9		88.7		6.1		4.3		8			
					Middle	3.8	0.3	2	28.0	28.0	7.8	7.8	23.6	23.6	68.4	68.3	4.7		8.8		7			
						3.8	0.3	2	28.0		7.8		23.7		68.2		4.7		8.8		8			
					Bottom	6.5	0.2	336	27.9	27.9	7.8	7.8	26.6	26.6	68.9	69.1	4.7	4.7	15.4		6			
						6.5	0.2	346	27.9		7.8		26.6		69.3		4.7		15.1		8			
IM3	Sunny	Moderate	09:21	7.8	Surface	1.0	0.4	343	29.1	29.1	7.9	7.9	21.7	21.7	107.6	107.5	7.3	6.0	3.4	6.9	7	7	818782	805583
						1.0	0.5	355	29.0		7.9		21.7		107.3		7.3		3.7		8			
					Middle	3.9	0.4	346	28.1	28.1	7.8	7.8	24.2	24.1	69.5	69.5	4.7		4.6		8			
						3.9	0.4	318	28.1		7.8		24.1		69.5		4.7		4.8		7			
					Bottom	6.8	0.3	335	27.8	27.8	7.8	7.8	26.5	26.5	65.6	65.9	4.4	4.5	12.4		6			
						6.8	0.4	349	27.8		7.8		26.5		66.1		4.5		12.6		6			
IM4	Sunny	Moderate	09:29	8.3	Surface	1.0	0.7	0	29.2	29.2	7.9	7.9	21.3	21.3	100.4	100.4	6.8	6.1	2.7	6.6	6	6	819736	804615
						1.0	0.7	0	29.2		7.9		21.3		100.4		6.8		2.5		6			
					Middle	4.2	0.7	359	28.5	28.5	7.8	7.8	22.7	22.7	77.9	77.8	5.3		5.5		7			
						4.2	0.7	330	28.4		7.8		22.8		77.6		5.3		5.7		6			
					Bottom	7.3	0.4	346	27.8	27.8	7.8	7.8	26.5	26.5	65.6	65.9	4.4	4.5	11.8		6			
						7.3	0.4	318	27.8		7.8		26.5		66.1		4.5		11.5		6			
IM5	Sunny	Moderate	09:36	7.4	Surface	1.0	1.0	5	29.0	29.0	7.9	7.9	20.9	20.9	101.4	101.4	7.0	5.7	2.8	10.3	5	5	820714	804847
						1.0	1.0	5	28.9		7.9		20.9		101.4		7.0		2.9		4			
					Middle	3.7	0.8	7	27.9	27.9	7.8	7.8	25.4	25.4	64.2	64.1	4.4		11.3		6			
						3.7	0.9	7	27.9		7.8		25.5		64.0		4.4		11.2		5			
					Bottom	6.4	0.5	18	27.9	27.9	7.9	7.9	25.9	25.9	64.2	64.3	4.4	4.4	16.8		6			
						6.4	0.6	19	27.9		7.9		25.9		64.4		4.4		16.8		6			
IM6	Sunny	Moderate	09:44	8.0	Surface	1.0	0.1	278	29.2	29.2	7.9	7.9	19.2	19.2	100.9	100.8	7.0	6.7	2.4	6.8	6	5	821060	805835
						1.0	0.1	299	29.2		7.9		19.3		100.7		7.0		2.6		4			
					Middle	4.0	0.2	41	28.6	28.6	7.8	7.8	21.3	21.3	91.7	91.3	6.3		6.7		4			
						4.0	0.2	45	28.5		7.8		21.3		90.9		6.3		7.5		5			
					Bottom	7.0	0.2	76	28.1	28.1	7.8	7.8	25.1	25.1	64.6	64.7	4.4	4.4	10.6		4			
						7.0	0.2	76	28.1		7.8		25.2		64.8		4.4		10.7		4			
IM7	Sunny	Moderate	09:53	8.1	Surface	1.0	0.2	192	29.2	29.2	8.0	8.0	19.7	19.8	100.3	100.2	6.9	6.7	2.3	5.4	5	4	821334	806850
						1.0	0.2	192	29.2		8.0		19.8		100.1		6.9		2.4		5			
					Middle	4.1	0.2	157	28.7	28.6	8.0	8.0	20.5	20.5	93.5	93.1	6.5		5.0		5			
						4.1	0.2	168	28.5		8.0		20.6		92.7		6.4		5.0		4			
					Bottom	7.1	0.1	71	28.1	28.1	8.0	8.0	25.9	25.9	68.6	69.5	4.6	4.7	8.8		4			
						7.1	0.1	76	28.1		8.0		25.9		70.4		4.8		8.7		3			
IM8	Fine	Moderate	09:28	8.4	Surface	1.0	0.1	66	29.0	29.0	8.3	8.2	20.1	20.1	99.0	99.0	6.8	6.5	5.2	7.0	5	6	821831	808132
						1.0	0.1	66	29.0		8.2		20.1		99.0		6.8		5.1		5			
					Middle	4.2	0.1	83	28.8	28.8	8.2	8.2	21.8	21.9	90.6	90.2	6.2		7.2		6			
						4.2	0.1	84	28.8		8.2		21.9		89.7		6.1		7.6		6			
					Bottom	7.4	0.2	68	28.8	28.8	8.2	8.2	22.2	22.1	85.4	85.6	5.8	5.9	8.6		6			
						7.4	0.2	70	28.8		8.2		22.1		85.8		5.9		8.6		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 13 July 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	09:21	8.6	Surface	1.0	0.3	62	29.2	29.2	8.3	8.3	20.6	20.7	96.1	96.0	6.6	6.3	6.8	8.4	8	8	822072	808793
						1.0	0.3	67	29.1		8.3		20.7		95.8		6.6		7.1		8			
					Middle	4.3	0.1	61	28.7	28.7	8.2	8.2	22.1	22.1	86.4	86.7	5.9		8.7		7			
						4.3	0.1	63	28.7		8.2		22.1		86.9		5.9		8.7		8			
					Bottom	7.6	0.1	84	28.8	28.8	8.2	8.2	22.1	22.1	87.6	87.8	6.0	6.0	9.5		7			
						7.6	0.1	84	28.8		8.2		22.1		87.9		6.0		9.5		8			
IM10	Fine	Calm	09:13	9.8	Surface	1.0	0.7	303	29.3	29.3	8.4	8.4	19.7	19.7	112.4	112.2	7.7	6.7	4.3	5.5	6	6	822405	809782
						1.0	0.7	330	29.3		8.4		19.8		111.9		7.7		4.3		7			
					Middle	4.9	0.8	291	28.2	28.2	8.2	8.2	24.3	24.3	84.2	84.2	5.8		5.4		6			
						4.9	0.8	298	28.1		8.2		24.4		84.2		5.7		5.3		5			
					Bottom	8.8	0.5	296	28.6	28.7	8.2	8.2	24.3	24.2	82.5	83.1	5.6	5.7	6.9		4			
						8.8	0.6	314	28.7		8.2		24.2		83.6		5.7		6.9		5			
IM11	Fine	Calm	09:03	8.8	Surface	1.0	0.7	300	28.2	28.2	8.3	8.3	21.8	22.0	95.8	95.3	6.6	6.1	6.3	7.4	8	7	822044	811447
						1.0	0.7	329	28.1		8.3		22.2		94.7		6.5		6.5		7			
					Middle	4.4	0.7	284	27.8	27.8	8.3	8.3	24.8	24.8	82.7	82.7	5.7		7.6		7			
						4.4	0.7	304	27.7		8.3		24.8		82.6		5.7		7.9		6			
					Bottom	7.8	0.5	274	27.7	27.7	8.2	8.2	26.1	26.1	72.9	73.1	5.0	5.0	8.2		6			
						7.8	0.5	282	27.7		8.2		26.0		73.2		5.0		8.1		5			
IM12	Fine	Calm	08:56	9.0	Surface	1.0	0.5	280	28.1	28.1	8.3	8.3	23.6	23.6	90.4	90.5	6.2	5.8	7.4	8.6	12	12	821450	812024
						1.0	0.5	289	28.0		8.3		23.5		90.5		6.2		7.2		12			
					Middle	4.5	0.4	266	27.8	27.8	8.2	8.2	25.6	25.6	77.5	77.4	5.3		9.0		13			
						4.5	0.4	280	27.8		8.2		25.6		77.3		5.3		8.9		12			
					Bottom	8.0	0.4	251	28.1	28.2	8.2	8.2	25.5	25.5	76.8	77.1	5.2	5.2	9.5		12			
						8.0	0.4	254	28.3		8.2		25.4		77.4		5.2		9.5		13			
SR1A	Fine	Calm	08:23	4.2	Surface	1.0	-	-	29.1	29.1	8.3	8.3	20.5	20.5	99.4	99.5	6.8	6.8	5.4	6.0	8	6	819973	812659
						1.0	-	-	29.1		8.3		20.5		99.5		6.8		5.4		8			
					Middle	2.1	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.1	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	28.9	28.9	8.3	8.3	20.7	20.7	94.4	95.1	6.5	6.6	6.7		4			
						3.2	-	-	28.9		8.3		20.6		95.7		6.6		6.7		4			
SR2	Fine	Calm	08:08	5.0	Surface	1.0	0.2	118	27.8	27.8	8.3	8.3	22.2	22.3	86.8	84.7	6.0	5.9	9.0	9.3	4	5	821444	814169
						1.0	0.2	123	27.7		8.3		22.4		82.5		5.7		8.9		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	0.1	228	27.6	27.6	8.2	8.2	26.3	26.3	72.5	72.7	4.9	5.0	9.7		4			
						4.0	0.1	229	27.6		8.2		26.3		72.8		5.0		9.6		5			
SR3	Fine	Moderate	09:35	10.0	Surface	1.0	0.0	194	29.1	29.1	8.4	8.4	19.2	19.2	111.6	111.6	7.7	7.0	5.8	6.9	5	4	822139	807557
						1.0	0.0	205	29.1		8.4		19.1		111.5		7.7		5.8		5			
					Middle	5.0	0.1	36	28.8	28.8	8.3	8.3	21.2	21.3	91.5	91.3	6.3		6.8		4			
						5.0	0.1	36	28.8		8.3		21.4		91.1		6.2		6.9		3			
					Bottom	9.0	0.2	42	28.8	28.9	8.2	8.2	21.9	21.8	81.8	82.0	5.6	5.6	8.1		3			
						9.0	0.2	43	28.9		8.2		21.8		82.1		5.6		8.0		4			
SR4A	Sunny	Moderate	08:22	8.8	Surface	1.0	0.1	244	29.1	29.1	7.8	7.8	20.5	20.5	96.1	94.4	6.6	5.7	3.3	6.7	5	7	817178	807815
						1.0	0.1	251	29.1		7.8		20.5		92.6		6.4		3.4		4			
					Middle	4.4	0.1	77	28.3	28.3	7.8	7.8	24.4	24.5	70.2	70.2	4.8		5.6		7			
						4.4	0.1	77	28.3		7.8		24.5		70.1		4.8		5.8		6			
					Bottom	7.8	0.1	78	27.9	27.9	7.7	7.7	26.4	26.4	64.2	64.4	4.4	4.4	11.1		8			
						7.8	0.1	85	27.9		7.8		26.4		64.6		4.4		11.1		9			
SR5A	Sunny	Moderate	08:04	3.8	Surface	1.0	0.1	269	29.2	29.2	7.8	7.8	20.9	20.9	96.2	96.1	6.6	6.6	3.6	6.9	8	7	816578	810680
						1.0	0.1	272	29.2		7.8		20.9		95.9		6.5		3.8		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.8	0.1	290	29.2	29.2	7.8	7.8	21.7	21.7	93.9	93.9	6.4	6.4	9.8		6			
						2.8	0.1	301	29.2		7.8		21.8		93.8		6.4		10.2		5			
SR6A	Sunny	Moderate	07:37	4.4	Surface	1.0	0.1	285	29.1	29.1	7.9	7.9	20.5	20.6	95.0	95.0	6.5	6.5	4.0	5.1	8	8	817982	814727
						1.0	0.1	304	29.1		7.9		20.6		94.9		6.5		3.8		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.4	0.0	20	28.9	28.9	7.9	7.9	21.4	21.5	94.3	94.2	6.5	6.5	6.1		8			
						3.4	0.0	21	28.9		7.9		21.6		94.0		6.4		6.6		6			
SR7	Fine	Calm	07:20	15.4	Surface	1.0	0.2	199	28.1	28.1	8.4	8.4	22.7	22.8	100.2	99.8	6.9	6.1	1.8	2.8	11	9	823628	823754
						1.0	0.3	216	28.0		8.4		22.8		99.3		6.9		1.8		12			
					Middle	7.7	0.1	173	27.4	27.5	8.3	8.3	26.8	26.8	77.4	77.5	5.3		2.9		10			
						7.7	0.1	185	27.5		8.3		26.8		77.6		5.3		2.9		8			
					Bottom	14.4	0.2	62	27.4	27.4	8.3	8.3	27.2	27.2	77.1	77.2	5.2	5.3	3.7		7			
						14.4	0.2	62	27.4		8.3		27.2		77.3		5.3		3.7		8			
SR8	Fine	Calm	08:46	5.4	Surface	1.0	-	-	28.9	28.9	8.3	8.3	21.2	21.3	101.0	100.9	6.9	6.9	5.9	6.2	5	6	820387	811627
						1.0	-	-	28.9		8.3		21.3		100.7		6.9		6.0		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.4	-	-	28.9	28.9	8.3	8.3	21.6	21.5	94.3	94.8	6.5	6.5	6.5		7			
						4.4	-	-	28.9		8.3		21.5		95.3		6.5		6.3		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 15 July 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	16:13	8.4	Surface	1.0	0.4	244	29.4	29.5	8.4	8.4	23.1	23.1	114.9	112.1	7.7	6.2	3.9	4.8	2	3	815643	804244
						1.0	0.5	257	29.5		8.4		23.1		109.2		7.3		3.9		2			
					Middle	4.2	0.2	193	27.3	27.3	8.2	8.2	29.2	29.2	71.2	71.3	4.8		3.9		3			
						4.2	0.2	206	27.2		8.2		29.3		71.4		4.8		4.1		4			
					Bottom	7.4	0.2	215	26.8	26.8	8.1	8.1	31.0	31.0	57.3	57.2	3.9	3.9	6.6		4			
						7.4	0.2	228	26.8		8.1		31.0		57.1		3.8		6.6		5			
C2	Sunny	Moderate	15:01	12.6	Surface	1.0	0.2	116	30.3	30.3	8.4	8.4	19.9	19.9	126.4	126.4	8.5	7.2	3.6	5.7	6	5	825664	806960
						1.0	0.2	125	30.3		8.4		19.9		126.3		8.5		3.6		6			
					Middle	6.3	0.3	102	29.2	29.2	8.1	8.1	22.3	22.3	87.7	87.8	5.9		6.9		5			
						6.3	0.4	110	29.2		8.1		22.3		87.8		6.0		6.9		5			
					Bottom	11.6	0.2	147	29.1	29.1	8.1	8.1	22.8	22.8	84.0	84.1	5.7	5.7	6.6		4			
						11.6	0.2	150	29.1		8.1		22.8		84.1		5.7		6.7		4			
C3	Sunny	Moderate	17:10	12.8	Surface	1.0	0.3	90	29.7	29.7	7.9	7.9	23.1	23.1	107.3	107.3	7.2	7.1	2.5	2.6	4	6	822086	817805
						1.0	0.3	95	29.7		7.9		23.1		107.3		7.2		2.5		5			
					Middle	6.4	0.3	120	29.4	29.4	7.9	7.9	23.4	23.4	104.5	104.5	7.0		3.8		5			
						6.4	0.3	131	29.4		7.9		23.4		104.5		7.0		3.8		6			
					Bottom	11.8	0.3	21	28.4	28.4	7.9	7.9	25.7	25.7	86.1	86.1	5.8	5.8	1.6		7			
						11.8	0.3	21	28.4		7.9		25.7		86.1		5.8		1.7		6			
IM1	Sunny	Moderate	15:54	5.3	Surface	1.0	0.1	213	29.9	29.9	8.1	8.1	21.6	21.6	145.3	145.5	9.8	9.8	3.4	9.5	3	3	817964	807124
						1.0	0.2	220	29.8		8.1		21.7		145.6		9.8		3.4		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.3	0.2	163	29.2	29.2	8.3	8.3	23.9	23.9	102.5	103.3	6.9	7.0	15.9		3			
						4.3	0.2	164	29.2		8.3		23.8		104.0		7.0		15.1		3			
IM2	Sunny	Moderate	15:46	7.1	Surface	1.0	0.2	204	30.4	30.4	8.1	8.1	21.5	21.5	128.9	127.4	8.6	7.2	3.9	7.6	3	4	818173	806157
						1.0	0.2	206	30.4		8.1		21.5		125.9		8.4		4.0		4			
					Middle	3.6	0.2	210	28.3	28.3	8.2	8.2	25.7	25.8	86.6	86.4	5.9		4.4		4			
						3.6	0.2	226	28.3		8.2		25.9		86.2		5.8		4.5		3			
					Bottom	6.1	0.2	115	28.1	28.1	8.2	8.2	26.5	26.5	75.6	76.2	5.1	5.2	14.7		4			
						6.1	0.2	119	28.1		8.2		26.5		76.7		5.2		14.3		4			
IM3	Sunny	Moderate	15:39	7.6	Surface	1.0	0.1	184	28.9	28.9	8.4	8.4	22.9	22.9	116.0	115.9	7.9	6.9	8.4	9.9	4	5	818791	805606
						1.0	0.1	188	28.9		8.4		23.0		115.7		7.9		8.9		5			
					Middle	3.8	0.1	100	28.2	28.2	8.2	8.2	26.0	26.1	85.5	85.4	5.8		8.5		5			
						3.8	0.1	109	28.2		8.2		26.1		85.2		5.8		9.0		4			
					Bottom	6.6	0.2	102	28.1	28.1	8.2	8.2	26.7	26.7	74.6	74.6	5.0	5.0	12.1		5			
						6.6	0.2	107	28.1		8.2		26.7		74.5		5.0		12.6		6			
IM4	Sunny	Moderate	15:27	7.2	Surface	1.0	0.2	197	29.9	29.9	8.4	8.4	21.5	21.4	125.3	125.0	8.4	6.7	4.1	7.4	4	4	819737	804610
						1.0	0.2	215	29.9		8.4		21.4		124.7		8.4		4.4		4			
					Middle	3.6	0.1	107	27.9	27.9	8.2	8.2	27.1	27.1	73.3	73.2	4.9		8.1		4			
						3.6	0.1	112	27.9		8.2		27.1		73.0		4.9		8.2		4			
					Bottom	6.2	0.2	115	27.8	27.9	8.2	8.2	27.3	27.3	72.4	72.5	4.9	4.9	9.8		5			
						6.2	0.2	124	27.9		8.2		27.3		72.6		4.9		9.8		5			
IM5	Sunny	Moderate	15:18	8.5	Surface	1.0	0.2	305	29.1	29.1	8.3	8.3	22.7	22.6	99.1	99.4	6.7	6.0	4.3	7.6	5	4	820726	804887
						1.0	0.2	313	29.1		8.3		22.5		99.7		6.8		4.6		4			
					Middle	4.3	0.1	353	28.1	28.1	8.2	8.2	26.3	26.3	78.2	78.3	5.3		7.1		4			
						4.3	0.1	325	28.1		8.2		26.4		78.4		5.3		7.2		4			
					Bottom	7.5	0.1	120	28.0	28.0	8.2	8.2	26.9	26.9	72.7	72.9	4.9	4.9	11.2		4			
						7.5	0.2	123	28.0		8.2		26.9		73.0		4.9		11.2		4			
IM6	Sunny	Moderate	15:11	7.6	Surface	1.0	0.3	282	29.4	29.4	8.3	8.3	22.1	22.1	104.1	104.1	7.0	6.2	4.3	6.5	4	5	821039	805817
						1.0	0.4	287	29.4		8.3		22.1		104.0		7.0		4.4		4			
					Middle	3.8	0.2	288	28.3	28.3	8.2	8.2	25.6	25.6	78.9	79.0	5.3		7.1		4			
						3.8	0.2	313	28.3		8.2		25.6		79.1		5.3		7.4		5			
					Bottom	6.6	0.1	191	28.3	28.3	8.2	8.2	25.7	25.6	74.5	74.6	5.0	5.0	8.1		6			
						6.6	0.1	204	28.3		8.2		25.6		74.7		5.0		7.9		5			
IM7	Sunny	Moderate	15:02	8.6	Surface	1.0	0.1	235	29.6	29.6	8.3	8.3	21.4	21.5	108.1	108.0	7.3	6.9	3.9	7.2	6	6	821330	806843
						1.0	0.2	245	29.6		8.3		21.6		107.9		7.3		4.0		6			
					Middle	4.3	0.2	235	28.9	28.9	8.3	8.3	22.8	22.8	94.9	94.6	6.4		6.9		6			
						4.3	0.2	250	28.9		8.3		22.9		94.3		6.4		7.2		6			
					Bottom	7.6	0.1	160	28.4	28.4	8.2	8.2	25.5	25.6	75.4	75.4	5.1	5.1	10.4		5			
						7.6	0.1	175	28.4		8.2		25.6		75.4		5.1		10.7		5			
IM8	Sunny	Moderate	15:27	8.3	Surface	1.0	0.7	97	30.2	30.2	8.0	8.0	19.9	19.9	113.9	113.9	7.7	6.8	3.4	3.9	5	5	821853	808126
						1.0	0.7	105	30.2		8.0		19.9		113.9		7.7		3.4		4			
					Middle	4.2	0.5	95	29.3	29.3	7.9	7.9	21.5	21.5	86.4	86.4	5.9		2.4		5			
						4.2	0.5	99	29.3		7.9		21.5		86.4		5.9		2.4		5			
					Bottom	7.3	0.3	84	28.7	28.7	7.9	7.9	24.4	24.4	77.0	77.1	5.2	5.2	6.0		5			
						7.3	0.3	87	28.7		7.9		24.4		77.1		5.2		6.0		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 15 July 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	15:35	7.6	Surface	1.0	0.8	116	30.1	30.1	8.0	8.0	20.2	20.2	112.6	112.5	7.6	6.8	2.5	3.3	4	5	822096	808800
						1.0	0.8	117	30.1		8.0		20.2		112.4		7.6		2.5		5			
					Middle	3.8	0.7	122	29.3	29.3	8.0	8.0	21.9	21.9	88.2	88.1	6.0		2.7		5			
						3.8	0.7	123	29.3		8.0		22.0		88.0		6.0		2.8		5			
					Bottom	6.6	0.4	126	28.8	28.8	8.0	8.0	23.9	23.9	79.2	79.3	5.4	5.4	4.8		5			
						6.6	0.4	138	28.8		8.0		23.9		79.3		5.4		4.8		6			
IM10	Sunny	Moderate	15:43	7.8	Surface	1.0	0.7	124	30.7	30.7	7.9	7.9	20.3	20.3	112.9	112.9	7.6	7.2	3.2	5.5	4	4	822375	809813
						1.0	0.7	128	30.7		7.9		20.3		112.9		7.6		3.2		4			
					Middle	3.9	0.6	110	30.2	30.2	7.9	7.9	21.0	21.0	101.8	101.7	6.8		4.9		4			
						3.9	0.7	120	30.2		7.9		21.0		101.6		6.8		4.9		4			
					Bottom	6.8	0.4	104	28.5	28.5	7.9	7.9	24.8	24.8	70.2	70.3	4.8	4.8	8.3		5			
						6.8	0.4	112	28.5		7.9		24.8		70.3		4.8		8.3		5			
IM11	Sunny	Moderate	15:53	8.6	Surface	1.0	0.4	111	30.0	30.0	8.0	8.0	20.2	20.2	112.3	112.1	7.6	6.8	1.1	1.9	4	4	822064	811477
						1.0	0.4	120	30.0		8.0		20.2		111.9		7.6		1.1		5			
					Middle	4.3	0.4	103	29.3	29.3	7.9	7.9	22.5	22.4	88.2	88.3	6.0		2.1		4			
						4.3	0.4	103	29.3		7.9		22.4		88.3		6.0		2.1		4			
					Bottom	7.6	0.4	88	28.7	28.7	7.9	7.9	23.9	23.9	76.8	76.8	5.2	5.2	2.4		4			
						7.6	0.4	92	28.7		7.9		23.9		76.7		5.2		2.4		4			
IM12	Sunny	Moderate	16:00	8.7	Surface	1.0	0.2	133	29.5	29.5	7.8	7.8	21.9	21.9	92.0	92.0	6.2	5.9	2.1	2.1	5	5	821441	812041
						1.0	0.2	134	29.5		7.8		21.9		92.0		6.2		2.2		4			
					Middle	4.4	0.2	124	29.0	29.0	7.8	7.8	23.2	23.2	81.3	81.3	5.5		2.4		5			
						4.4	0.2	124	29.0		7.8		23.2		81.3		5.5		2.4		4			
					Bottom	7.7	0.3	67	28.5	28.5	7.8	7.8	24.5	24.5	77.9	77.9	5.3	5.3	1.9		6			
						7.7	0.3	72	28.5		7.8		24.5		77.9		5.3		1.9		4			
SR1A	Sunny	Moderate	16:34	4.3	Surface	1.0	-	-	29.5	29.5	7.8	7.8	22.8	22.8	90.0	90.0	6.1	6.1	4.0	4.3	6	6	819981	812663
						1.0	-	-	29.5		7.8		22.8		89.9		6.1		4.0		5			
					Middle	2.2	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.2	-	-	-		-		-		-		-		-		-			
					Bottom	3.3	-	-	29.2	29.2	7.8	7.8	23.5	23.5	85.3	85.4	5.8	5.8	4.7		6			
						3.3	-	-	29.2		7.8		23.5		85.4		5.8		4.7		6			
SR2	Sunny	Moderate	16:49	4.9	Surface	1.0	0.5	86	30.0	30.0	7.9	7.9	20.5	20.5	114.5	114.5	7.7	7.7	1.7	2.7	4	5	821450	814165
						1.0	0.5	86	30.0		7.9		20.5		114.5		7.7		1.8		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.9	0.2	61	29.2	29.2	7.8	7.8	22.6	22.6	93.0	93.1	6.3	6.3	3.8		6			
						3.9	0.2	63	29.2		7.8		22.6		93.1		6.3		3.8		4			
SR3	Sunny	Moderate	15:22	9.4	Surface	1.0	0.3	146	29.9	29.9	8.0	8.0	20.5	20.5	105.2	105.2	7.1	6.2	2.5	4.6	5	4	822142	807581
						1.0	0.3	156	29.9		8.0		20.5		105.1		7.1		2.4		4			
					Middle	4.7	0.3	150	29.1	29.1	7.9	7.9	22.6	22.6	78.6	78.7	5.3		3.5		3			
						4.7	0.3	154	29.1		7.9		22.6		78.7		5.3		3.3		4			
					Bottom	8.4	0.1	87	29.0	29.0	8.0	8.0	23.4	23.4	81.6	81.6	5.5	5.5	8.0		3			
						8.4	0.1	91	29.0		8.0		23.4		81.6		5.5		8.0		4			
SR4A	Sunny	Moderate	16:36	8.1	Surface	1.0	0.2	65	30.2	30.3	8.4	8.4	22.0	22.0	124.5	123.1	8.3	6.9	7.4	10.9	3	5	817204	807800
						1.0	0.2	66	30.3		8.4		22.0		121.6		8.1		7.9		4			
					Middle	4.1	0.2	71	28.4	28.4	8.2	8.2	25.8	25.8	82.4	81.9	5.6		10.7		5			
						4.1	0.2	72	28.4		8.2		25.9		81.4		5.5		10.9		5			
					Bottom	7.1	0.2	62	28.4	28.4	8.2	8.2	26.0	25.9	80.9	81.1	5.5	5.5	13.4		5			
						7.1	0.2	65	28.4		8.2		25.9		81.3		5.5		15.3		6			
SR5A	Sunny	Moderate	16:53	3.4	Surface	1.0	0.1	353	29.7	29.7	8.3	8.3	22.5	22.5	99.2	99.1	6.7	6.7	6.4	6.8	8	10	816580	810697
						1.0	0.1	325	29.7		8.3		22.5		99.0		6.7		6.5		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.4	0.0	24	29.6	29.6	8.3	8.3	22.6	22.6	97.5	97.5	6.6	6.6	7.2		11			
						2.4	0.0	24	29.6		8.3		22.6		97.5		6.6		7.3		10			
SR6A	Sunny	Moderate	17:34	4.2	Surface	1.0	0.0	301	29.2	29.1	8.2	8.2	23.2	23.3	98.8	96.0	6.7	6.5	7.2	11.8	8	9	817942	814718
						1.0	0.0	313	29.0		8.2		23.3		93.1		6.3		7.2		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	0.1	168	28.9	28.9	8.3	8.3	23.5	23.5	81.4	81.6	5.5	5.5	17.3		9			
						3.2	0.1	180	28.9		8.3		23.5		81.8		5.5		15.6		8			
SR7	Sunny	Moderate	17:36	14.2	Surface	1.0	1.3	78	28.2	28.2	7.8	7.8	26.4	26.3	121.7	121.6	8.1	6.9	2.9	4.5	5	5	823637	823760
						1.0	1.4	79	28.2		7.8		26.3		121.5		8.1		2.9		4			
					Middle	7.1	0.7	77	27.3	27.3	7.8	7.8	28.7	28.7	83.8	83.7	5.7		4.0		4			
						7.1	0.8	80	27.3		7.8		28.7		83.6		5.6		4.1		5			
					Bottom	13.2	0.1	99	26.9	26.9	7.9	7.9	29.7	29.7	65.6	65.6	4.4	4.4	6.6		5			
						13.2	0.1	108	26.9		7.9		29.7		65.5		4.4		6.6		4			
SR8	Sunny	Moderate	16:11	4.2	Surface	1.0	-	-	29.8	29.8	7.9	7.9	22.2	22.2	96.3	96.3	6.5	6.5	1.6	1.9	4	5	820368	811626
						1.0	-	-	29.8		7.9		22.2		96.3		6.5		1.6		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	29.6	29.6	7.9	7.9	22.5	22.5	93.1	93.2	6.3	6.3	2.2		5			
						3.2	-	-	29.6		7.9		22.5		93.2		6.3		2.2		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 15 July 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	Moderate	09:57	8.3	Surface	1.0	0.5	34	28.9	28.9	8.3	8.3	22.6	22.6	98.6	98.4	6.7	6.1	5.0	7.1	4	5	815616	804255
						1.0	0.5	35	28.8		8.3		22.6		98.2		6.7		5.2		5			
					Middle	4.2	0.5	33	27.7	27.7	8.2	8.2	25.0	25.0	80.6	80.0	5.5		4.5		5			
						4.2	0.5	36	27.6		8.2		25.1		79.3		5.4		4.9		4			
					Bottom	7.3	0.2	31	27.3	27.3	8.2	8.2	29.1	29.1	64.0	64.2	4.3	4.3	12.0		5			
						7.3	0.2	31	27.3		8.2		29.1		64.4		4.3		11.2		4			
C2	Sunny	Rough	11:18	13.2	Surface	1.0	0.5	48	30.2	30.2	8.1	8.1	19.7	19.7	110.0	109.9	7.4	6.8	3.5	4.7	4	5	825688	806931
						1.0	0.5	51	30.2		8.1		19.7		109.8		7.4		3.6		4			
					Middle	6.6	0.4	57	29.4	29.4	8.2	8.2	21.7	21.7	91.1	91.2	6.2		5.7		4			
						6.6	0.5	60	29.4		8.2		21.7		91.3		6.2		5.6		5			
					Bottom	12.2	0.1	352	29.0	29.0	8.3	8.3	22.9	22.9	78.8	78.7	5.3	5.3	5.0		6			
						12.2	0.1	324	29.0		8.3		23.0		78.6		5.3		4.9		5			
C3	Sunny	Moderate	09:04	11.8	Surface	1.0	0.5	261	29.4	29.4	8.0	8.0	21.5	21.5	98.5	98.5	6.7	6.3	3.5	4.3	4	4	822121	817825
						1.0	0.5	267	29.4		8.0		21.5		98.4		6.7		3.5		4			
					Middle	5.9	0.7	268	28.6	28.6	8.0	8.0	24.1	24.1	84.8	84.8	5.8		3.5		3			
						5.9	0.7	292	28.6		8.0		24.0		84.8		5.8		3.6		4			
					Bottom	10.8	0.5	289	26.8	26.8	8.1	8.1	30.1	30.1	58.4	58.6	4.0	4.0	5.8		3			
						10.8	0.5	305	26.8		8.1		30.1		58.7		4.0		5.7		4			
IM1	Sunny	Moderate	10:16	5.3	Surface	1.0	0.2	335	28.4	28.4	8.2	8.2	25.7	25.8	88.8	88.3	6.0	6.0	7.0	9.7	4	5	817959	807111
						1.0	0.2	308	28.3		8.2		25.9		87.8		5.9		7.6		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.3	0.1	262	27.8	27.8	8.2	8.2	27.4	27.4	72.2	72.3	4.9	4.9	12.0		6			
						4.3	0.1	275	27.8		8.2		27.4		72.4		4.9		12.2		6			
IM2	Sunny	Moderate	10:24	7.3	Surface	1.0	0.4	4	28.9	28.9	8.2	8.2	23.4	23.4	90.3	90.3	6.1	6.1	4.7	8.4	5	6	818143	806154
						1.0	0.4	4	28.9		8.2		23.4		90.2		6.1		4.7		4			
					Middle	3.7	0.4	348	28.4	28.4	8.2	8.2	24.0	24.0	89.2	89.1	6.1		4.5		5			
						3.7	0.4	320	28.3		8.2		24.0		88.9		6.1		4.5		6			
					Bottom	6.3	0.3	300	27.8	27.8	8.2	8.2	27.3	27.3	73.7	73.8	5.0	5.0	15.9		7			
						6.3	0.3	328	27.8		8.2		27.3		73.8		5.0		16.0		8			
IM3	Sunny	Moderate	10:31	7.6	Surface	1.0	0.4	337	28.4	28.4	8.2	8.2	22.8	22.8	90.5	90.1	6.2	5.8	5.6	7.2	2	4	818784	805576
						1.0	0.4	357	28.3		8.2		22.8		89.6		6.2		5.8		3			
					Middle	3.8	0.4	338	28.0	28.0	8.2	8.2	26.3	26.4	78.1	78.1	5.3		6.5		3			
						3.8	0.5	342	27.9		8.2		26.4		78.1		5.3		6.5		4			
					Bottom	6.6	0.4	323	27.8	27.8	8.2	8.2	27.2	27.2	73.3	73.4	5.0	5.0	9.4		6			
						6.6	0.4	354	27.8		8.2		27.2		73.4		5.0		9.4		7			
IM4	Sunny	Moderate	10:41	8.8	Surface	1.0	0.7	354	28.8	28.7	8.2	8.2	22.9	22.9	90.9	90.9	6.2	5.4	3.9	9.2	2	3	819741	804619
						1.0	0.8	326	28.6		8.2		22.9		90.9		6.2		3.9		2			
					Middle	4.4	0.7	351	27.6	27.6	8.2	8.2	27.7	27.7	67.7	67.6	4.6		8.9		2			
						4.4	0.7	323	27.6		8.2		27.7		67.5		4.6		8.5		3			
					Bottom	7.8	0.4	339	27.6	27.6	8.2	8.2	27.8	27.8	67.6	67.7	4.6	4.6	14.8		3			
						7.8	0.4	312	27.6		8.2		27.8		67.8		4.6		15.0		4			
IM5	Sunny	Moderate	10:47	7.0	Surface	1.0	1.1	2	28.7	28.7	8.2	8.2	23.5	23.5	91.0	91.0	6.2	6.0	5.7	8.0	4	4	820720	804881
						1.0	1.2	2	28.7		8.2		23.5		90.9		6.2		5.9		4			
					Middle	3.5	1.0	9	28.5	28.5	8.2	8.2	24.8	24.9	83.8	83.9	5.7		6.8		3			
						3.5	1.0	9	28.4		8.2		24.9		83.9		5.7		6.8		4			
					Bottom	6.0	0.6	19	28.1	28.1	8.2	8.2	26.3	26.2	78.3	78.5	5.3	5.3	11.4		4			
						6.0	0.7	20	28.1		8.2		26.2		78.7		5.3		11.3		3			
IM6	Sunny	Moderate	10:57	7.8	Surface	1.0	0.1	165	29.3	29.3	8.3	8.3	20.5	20.5	106.9	106.8	7.3	6.6	5.1	8.7	3	3	821055	805845
						1.0	0.1	172	29.2		8.3		20.5		106.6		7.3		5.4		3			
					Middle	3.9	0.4	52	28.8	28.8	8.3	8.3	24.7	24.7	87.9	88.0	5.9		8.0		3			
						3.9	0.5	53	28.8		8.3		24.7		88.1		5.9		8.4		3			
					Bottom	6.8	0.2	79	28.3	28.3	8.2	8.2	25.7	25.7	80.7	80.9	5.5	5.5	12.8		4			
						6.8	0.2	79	28.3		8.2		25.7		81.0		5.5		12.8		3			
IM7	Sunny	Moderate	11:07	8.0	Surface	1.0	0.0	223	29.5	29.5	8.3	8.3	20.4	20.4	101.0	100.8	6.9	6.8	2.8	4.8	4	4	821346	806846
						1.0	0.0	241	29.5		8.3		20.4		100.6		6.9		2.9		3			
					Middle	4.0	0.1	57	29.4	29.3	8.3	8.3	20.9	20.9	98.6	98.5	6.7		3.9		3			
						4.0	0.1	57	29.2		8.3		20.9		98.4		6.7		4.0		4			
					Bottom	7.0	0.3	68	28.8	28.9	8.3	8.3	25.4	25.3	80.5	81.0	5.4	5.5	7.8		5			
						7.0	0.3	73	28.9		8.3		25.3		81.4		5.5		7.5		6			
IM8	Sunny	Rough	10:49	8.6	Surface	1.0	0.2	90	29.8	29.8	7.8	7.8	19.7	19.7	100.3	100.3	6.8	6.2	4.6	5.1	2	4	821841	808122
						1.0	0.2	95	29.8		7.8		19.7		100.3		6.8		4.6		4			
					Middle	4.3	0.3	90	29.3	29.3	7.7	7.7	21.5	21.5	82.7	82.7	5.6		3.6		3			
						4.3	0.3	91	29.3		7.7		21.4		82.7		5.6		3.6		4			
					Bottom	7.6	0.3	83	28.6	28.6	7.7	7.7	24.6	24.6	69.7	69.8	4.7	4.7	7.3		4			
						7.6	0.4	88	28.6		7.7		24.6		69.8		4.7		7.2		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**

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Water Quality Monitoring
Water Quality Monitoring Results on 15 July 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	Rough	10:41	8.1	Surface	1.0	0.4	88	29.4	29.4	7.8	7.8	21.1	21.1	86.5	86.5	5.9	5.6	2.1	5.3	3	4	822087	808806
						1.0	0.4	96	29.4		7.8		21.1		86.5		5.9		2.1		4			
					Middle	4.1	0.3	88	29.1	29.1	7.8	7.8	22.2	22.2	76.6	76.6	5.2		6.8		3			
						4.1	0.3	89	29.1		7.8		22.3		76.6		5.2		6.6		4			
					Bottom	7.1	0.1	82	29.0	29.0	7.8	7.8	23.1	23.1	75.3	75.4	5.1	5.1	7.1		6			
						7.1	0.1	85	29.0		7.8		23.1		75.4		5.1		7.0		4			
IM10	Sunny	Rough	10:32	9.1	Surface	1.0	0.4	341	29.7	29.7	7.9	7.9	21.0	21.0	95.5	95.5	6.5	6.6	4.7	3.5	4	4	822408	809775
						1.0	0.4	343	29.7		7.9		21.0		95.5		6.5		4.7		5			
					Middle	4.6	0.4	327	29.6	29.6	7.9	7.9	21.7	21.6	96.8	96.8	6.6		2.6		4			
						4.6	0.5	350	29.6		7.9		21.6		96.8		6.6		2.6		4			
					Bottom	8.1	0.2	332	28.8	28.8	7.9	7.9	23.9	23.9	82.3	82.5	5.6	5.6	3.1		3			
						8.1	0.3	338	28.8		7.9		23.9		82.6		5.6		3.1		3			
IM11	Sunny	Rough	10:22	8.9	Surface	1.0	0.4	279	29.6	29.6	7.9	7.9	22.0	22.0	96.2	96.2	6.5	6.1	4.7	5.7	4	5	822075	811466
						1.0	0.5	303	29.6		7.9		22.0		96.1		6.5		4.7		4			
					Middle	4.5	0.3	284	28.9	28.9	7.8	7.8	23.8	23.7	82.4	82.9	5.6		3.1		4			
						4.5	0.3	293	28.9		7.8		23.6		83.3		5.6		3.4		5			
					Bottom	7.9	0.1	245	28.1	28.1	7.8	7.8	25.9	26.0	72.1	71.9	4.9	4.9	9.1		6			
						7.9	0.1	254	28.1		7.8		26.0		71.7		4.9		9.1		5			
IM12	Sunny	Rough	10:15	9.6	Surface	1.0	0.4	273	28.9	28.9	7.8	7.8	23.5	23.5	83.5	83.5	5.7	5.5	2.5	6.5	3	4	821476	812024
						1.0	0.4	282	28.9		7.8		23.5		83.4		5.7		2.6		4			
					Middle	4.8	0.3	274	28.5	28.5	7.8	7.8	24.4	24.4	76.6	76.6	5.2		6.3		3			
						4.8	0.3	279	28.5		7.8		24.4		76.6		5.2		6.4		4			
					Bottom	8.6	0.1	283	28.3	28.3	7.8	7.8	25.0	25.0	72.8	72.8	4.9	4.9	10.5		5			
						8.6	0.1	306	28.3		7.8		25.0		72.8		4.9		10.6		5			
SR1A	Sunny	Moderate	09:43	5.1	Surface	1.0	-	-	29.8	29.8	7.8	7.8	20.4	20.4	89.8	89.8	6.1	6.1	5.5	7.5	4	3	819975	812666
						1.0	-	-	29.8		7.8		20.4		89.8		6.1		5.5		3			
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.6	-	-	-		-		-		-		-		-		-			
					Bottom	4.1	-	-	29.3	29.3	7.8	7.8	21.7	21.7	80.3	80.5	5.5	5.5	9.4		2			
						4.1	-	-	29.3		7.8		21.7		80.7		5.5		9.5		3			
SR2	Sunny	Moderate	09:26	4.5	Surface	1.0	0.2	310	29.5	29.5	8.0	8.0	21.6	21.6	93.3	93.3	6.3	6.3	1.7	4.3	3	4	821448	814185
						1.0	0.3	321	29.5		8.0		21.6		93.2		6.3		1.6		2			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.5	0.1	322	28.6	28.6	8.1	8.1	24.3	24.3	76.6	76.5	5.2	5.2	7.0		6			
						3.5	0.1	339	28.6		8.1		24.3		76.4		5.2		7.1		4			
SR3	Sunny	Rough	10:56	9.9	Surface	1.0	0.2	104	29.9	29.9	7.9	7.9	20.0	20.0	102.0	102.0	6.9	6.5	6.3	4.5	4	4	822150	807575
						1.0	0.2	113	29.9		7.9		20.0		101.9		6.9		6.3		3			
					Middle	5.0	0.3	98	29.1	29.1	7.8	7.8	23.0	23.0	89.2	89.3	6.0		5.4		4			
						5.0	0.3	102	29.1		7.8		23.0		89.3		6.0		5.4		4			
					Bottom	8.9	0.4	67	29.8	29.8	7.9	7.9	20.3	20.3	99.8	99.8	6.8	6.8	2.0		5			
						8.9	0.5	71	29.8		7.9		20.3		99.8		6.8		2.0		4			
SR4A	Sunny	Moderate	09:33	9.1	Surface	1.0	0.2	237	29.5	29.5	8.3	8.3	21.4	21.4	101.0	101.0	6.8	6.1	4.4	8.2	8	6	817166	807797
						1.0	0.2	251	29.5		8.3		21.4		100.9		6.8		4.4		7			
					Middle	4.6	0.0	162	28.1	28.1	8.2	8.2	26.4	26.4	77.8	77.8	5.3		7.9		5			
						4.6	0.0	177	28.1		8.2		26.4		77.8		5.3		8.3		6			
					Bottom	8.1	0.1	83	27.9	27.9	8.2	8.2	27.1	27.1	73.5	73.6	5.0	5.0	12.0		5			
						8.1	0.1	88	27.9		8.2		27.1		73.6		5.0		12.1		6			
SR5A	Sunny	Moderate	09:16	3.6	Surface	1.0	0.2	299	29.6	29.6	8.3	8.3	21.4	21.4	98.9	98.8	6.7	6.7	8.1	10.2	5	5	816590	810716
						1.0	0.2	326	29.6		8.3		21.4		98.7		6.7		8.5		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.6	0.1	306	29.6	29.6	8.3	8.3	21.5	21.5	97.8	97.8	6.6	6.6	12.0		4			
						2.6	0.1	323	29.6		8.3		21.5		97.8		6.6		12.1		4			
SR6A	Sunny	Moderate	08:50	4.1	Surface	1.0	0.1	254	29.4	29.4	8.3	8.3	21.5	21.6	104.4	104.3	7.1	7.1	5.2	7.3	4	4	817953	814739
						1.0	0.1	259	29.4		8.3		21.6		104.1		7.1		5.6		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.1	0.0	329	29.3	29.3	8.2	8.2	22.2	22.2	96.3	96.5	6.5	6.5	8.7		4			
						3.1	0.0	352	29.2		8.2		22.3		96.6		6.5		9.8		3			
SR7	Sunny	Moderate	08:33	15.4	Surface	1.0	0.2	350	29.2	29.2	7.9	7.9	22.3	22.3	97.9	97.9	6.6	5.5	1.6	1.4	3	4	823652	823758
						1.0	0.3	356	29.2		7.9		22.3		97.8		6.6		1.5		3			
					Middle	7.7	0.3	67	27.3	27.3	8.0	8.0	28.2	28.2	65.0	65.0	4.4		1.4		3			
						7.7	0.3	73	27.3		8.0		28.2		65.0		4.4		1.5		3			
					Bottom	14.4	0.2	61	26.8	26.8	8.1	8.1	29.9	29.9	55.1	55.1	3.7	3.7	1.2		5			
						14.4	0.2	63	26.8		8.1		29.9		55.0		3.7		1.2		4			
SR8	Sunny	Moderate	10:06	4.7	Surface	1.0	-	-	28.9	28.9	7.8	7.8	23.2	23.2	79.1	79.1	5.4	5.4	4.3	6.5	4	4	820413	811608
						1.0	-	-	28.9		7.8		23.2		79.1		5.4		4.4		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	-	-	28.4	28.4	7.8	7.8	25.1	25.1	70.7	70.7	4.8	4.8	8.7		5			
						3.7	-	-	28.4		7.8		25.1		70.7		4.8		8.8		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 17 July 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	17:49	8.4	Surface	1.0	0.5	234	29.8	29.8	8.2	8.2	20.8	20.8	109.8	109.8	7.4	6.1	4.5	6.7	10	9	815637	804261
						1.0	0.5	245	29.8		8.2		20.8		109.8		7.4		4.5		10			
					Middle	4.2	0.6	210	27.7	27.7	8.1	8.1	28.7	28.7	70.1	70.2	4.7		5.8		9			
						4.2	0.6	222	27.7		8.1		28.6		70.3		4.7		5.8		8			
					Bottom	7.4	0.4	211	26.5	26.5	8.4	8.4	32.3	32.2	71.6	71.6	4.8	4.8	9.6		9			
						7.4	0.4	229	26.6		8.4		32.2		71.6		4.8		9.7		8			
C2	Fine	Calm	16:37	12.6	Surface	1.0	0.1	179	29.8	29.8	8.4	8.4	20.4	20.5	116.9	116.8	7.9	6.8	2.9	4.5	6	6	825683	806955
						1.0	0.1	182	29.8		8.4		20.5		116.6		7.9		2.9		7			
					Middle	6.3	0.2	159	28.8	28.8	8.2	8.2	23.5	23.6	83.3	83.4	5.7		4.8		7			
						6.3	0.2	162	28.7		8.2		23.6		83.4		5.7		4.8		6			
					Bottom	11.6	0.2	45	28.6	28.6	8.3	8.3	25.5	25.5	76.2	76.4	5.1	5.2	5.7		6			
						11.6	0.2	47	28.6		8.3		25.4		76.6		5.2		5.7		5			
C3	Fine	Calm	18:47	12.2	Surface	1.0	0.3	55	29.1	29.1	8.4	8.4	24.4	24.4	123.5	121.6	8.3	7.0	1.8	2.6	6	7	822125	817809
						1.0	0.3	59	29.1		8.4		24.4		119.7		8.0		1.9		7			
					Middle	6.1	0.2	280	26.9	26.9	8.2	8.2	29.8	29.8	89.2	87.5	6.0		2.3		6			
						6.1	0.2	293	26.9		8.2		29.8		85.8		5.8		2.4		7			
					Bottom	11.2	0.2	307	26.9	26.9	8.2	8.2	29.8	29.7	84.8	87.0	5.7	5.9	3.5		7			
						11.2	0.2	331	26.9		8.2		29.7		89.1		6.0		3.6		7			
IM1	Cloudy	Rough	17:29	5.2	Surface	1.0	0.0	295	29.8	29.8	8.2	8.2	22.3	22.3	135.9	135.6	9.1	9.1	8.2	8.7	8	9	817956	807150
						1.0	0.0	303	29.8		8.2		22.4		135.2		9.1		8.3		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.2	0.1	139	29.4	29.5	8.1	8.1	23.8	23.6	128.3	128.3	8.6	8.6	9.1		9			
						4.2	0.1	141	29.5		8.1		23.5		128.3		8.6		9.2		10			
IM2	Cloudy	Rough	17:19	7.4	Surface	1.0	0.3	180	29.7	29.7	8.1	8.1	21.2	21.2	134.7	134.6	9.1	7.1	4.0	6.5	5	5	818158	806163
						1.0	0.3	191	29.7		8.1		21.2		134.4		9.1		3.9		5			
					Middle	3.7	0.2	140	28.5	28.5	8.1	8.1	25.5	25.5	76.8	76.6	5.2		7.2		5			
						3.7	0.3	146	28.5		8.1		25.5		76.3		5.1		7.2		5			
					Bottom	6.4	0.2	136	27.9	27.9	8.0	8.0	27.6	27.7	73.0	73.4	4.9	5.0	8.4		6			
						6.4	0.2	141	27.9		8.0		27.8		73.7		5.0		8.3		5			
IM3	Cloudy	Rough	17:10	7.6	Surface	1.0	0.2	150	29.7	29.7	8.0	8.0	21.5	21.5	135.7	135.7	9.2	7.2	3.8	6.4	5	6	818802	805599
						1.0	0.2	156	29.7		8.0		21.5		135.6		9.2		3.8		6			
					Middle	3.8	0.3	150	28.4	28.4	8.0	8.0	24.9	24.9	75.4	75.5	5.1		6.9		5			
						3.8	0.3	153	28.4		8.0		24.9		75.5		5.1		6.9		6			
					Bottom	6.6	0.3	119	28.0	28.0	8.0	8.0	27.4	27.4	73.2	74.4	4.9	5.0	8.4		7			
						6.6	0.3	120	28.0		8.0		27.4		75.5		5.1		8.3		6			
IM4	Cloudy	Rough	16:59	8.8	Surface	1.0	0.4	192	29.7	29.7	8.1	8.1	21.1	21.1	118.8	118.5	8.0	6.0	4.8	7.8	6	5	819740	804599
						1.0	0.4	193	29.7		8.1		21.1		118.1		8.0		4.8		5			
					Middle	4.4	0.3	179	28.0	28.0	8.4	8.4	27.3	27.3	57.7	57.5	3.9		8.1		5			
						4.4	0.3	196	28.0		8.4		27.4		57.2		3.9		8.3		4			
					Bottom	7.8	0.3	179	27.4	27.4	8.4	8.4	29.6	29.5	53.2	53.2	3.6	3.6	10.2		4			
						7.8	0.3	183	27.4		8.4		29.5		53.2		3.6		10.7		5			
IM5	Cloudy	Rough	16:48	8.1	Surface	1.0	0.5	230	29.4	29.4	8.1	8.1	22.2	22.2	121.8	121.7	8.2	6.9	3.8	6.8	5	5	820717	804860
						1.0	0.5	243	29.4		8.1		22.2		121.6		8.2		3.8		4			
					Middle	4.1	0.4	195	28.6	28.6	8.1	8.1	24.4	24.3	82.0	81.9	5.6		5.5		4			
						4.1	0.5	209	28.6		8.1		24.3		81.7		5.5		5.5		5			
					Bottom	7.1	0.3	178	27.8	27.8	8.4	8.4	28.2	28.2	59.6	60.8	4.0	4.1	11.1		6			
						7.1	0.3	178	27.8		8.4		28.2		62.0		4.2		11.2		6			
IM6	Cloudy	Rough	16:43	7.3	Surface	1.0	0.3	241	29.8	29.8	8.2	8.2	22.5	22.5	130.2	130.2	8.7	7.8	4.3	6.0	6	5	821077	805847
						1.0	0.3	259	29.8		8.2		22.5		130.1		8.7		4.3		6			
					Middle	3.7	0.3	198	29.6	29.6	8.1	8.1	22.8	22.8	103.5	102.9	6.9		6.0		5			
						3.7	0.3	201	29.6		8.1		22.8		102.3		6.9		6.1		4			
					Bottom	6.3	0.2	195	28.3	28.5	8.2	8.2	26.5	26.3	94.1	94.1	6.3	6.3	7.6		4			
						6.3	0.2	210	28.6		8.2		26.2		94.1		6.3		7.8		5			
IM7	Cloudy	Rough	16:37	7.6	Surface	1.0	0.3	229	30.3	30.3	8.2	8.2	21.0	21.0	136.4	136.3	9.1	8.1	4.2	7.4	7	6	821353	806839
						1.0	0.3	247	30.3		8.2		21.0		136.1		9.1		4.2		7			
					Middle	3.8	0.1	197	29.2	29.2	8.2	8.2	24.0	24.0	104.9	104.9	7.0		7.8		6			
						3.8	0.1	197	29.2		8.2		24.0		104.8		7.0		7.7		5			
					Bottom	6.6	0.2	114	28.7	28.7	8.2	8.2	25.3	25.3	89.7	90.3	6.0	6.1	10.1		6			
						6.6	0.2	121	28.7		8.2		25.3		90.8		6.1		10.1		5			
IM8	Fine	Calm	17:07	8.2	Surface	1.0	0.3	65	29.1	29.1	8.3	8.3	22.0	22.1	107.6	106.9	7.3	6.5	3.2	4.5	5	5	821829	808118
						1.0	0.3	70	29.0		8.3		22.1		106.1		7.2		3.2		6			
					Middle	4.1	0.3	63	28.3	28.3	8.2	8.2	23.0	23.0	84.0	83.4	5.8		4.3		5			
						4.1	0.3	68	28.2		8.2		23.0		82.8		5.7		4.5		5			
					Bottom	7.2	0.1	72	28.0	28.0	8.1	8.1	26.7	26.7	67.1	67.2	4.5	4.5	5.8		5			
						7.2	0.1	78	28.0		8.1		26.7		67.3		4.5		5.8		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**
Note: The monitoring session on 20 July 2020 was cancelled due to Strong Wind Signal No. 3.

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 17 July 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	17:14	7.2	Surface	1.0	0.2	56	29.1	29.1	8.3	8.3	21.7	21.7	106.9	106.3	7.3	6.1	4.8	6.4	5	5	822086	808807
						1.0	0.3	61	29.1		8.3		21.8		105.6		7.2		4.9		4			
					Middle	3.6	0.2	81	28.6	28.6	8.1	8.1	24.4	24.5	74.4	74.4	5.0		6.7		4			
						3.6	0.2	85	28.5		8.1		24.5		74.3		5.0		6.6		4			
					Bottom	6.2	0.1	68	28.5	28.5	8.1	8.1	24.8	24.8	74.6	74.7	5.1	5.1	7.8		6			
						6.2	0.1	71	28.5		8.1		24.9		74.8		5.1		7.7		6			
IM10	Fine	Calm	17:21	8.4	Surface	1.0	0.1	355	29.1	29.1	8.3	8.3	22.7	22.7	96.1	96.0	6.5	6.1	2.6	3.8	6	5	822395	809805
						1.0	0.1	327	29.1		8.3		22.7		95.8		6.5		2.7		5			
					Middle	4.2	0.0	83	28.7	28.7	8.2	8.1	23.4	23.4	83.7	83.2	5.7		3.9		5			
						4.2	0.0	88	28.7		8.1		23.4		82.7		5.6		4.0		5			
					Bottom	7.4	0.1	160	29.3	29.4	8.1	8.1	24.8	24.7	78.9	80.5	5.3	5.4	4.9		5			
						7.4	0.1	170	29.4		8.1		24.6		82.1		5.5		5.0		5			
IM11	Fine	Calm	17:33	8.0	Surface	1.0	0.1	79	29.3	29.3	8.4	8.4	23.6	23.7	127.2	127.0	8.6	7.6	2.1	3.6	6	6	822033	811465
						1.0	0.1	85	29.2		8.4		23.7		126.7		8.5		2.2		6			
					Middle	4.0	0.1	126	28.2	28.2	8.3	8.3	24.7	24.8	96.9	96.0	6.6		3.9		7			
						4.0	0.1	133	28.1		8.3		24.8		95.0		6.5		3.8		6			
					Bottom	7.0	0.2	116	28.0	28.0	8.2	8.2	26.7	26.7	70.1	70.5	4.7	4.8	5.0		7			
						7.0	0.2	124	28.0		8.2		26.7		70.8		4.8		4.8		6			
IM12	Fine	Calm	17:41	9.4	Surface	1.0	0.1	87	29.0	29.0	8.4	8.4	23.5	23.5	120.6	120.3	8.2	7.1	3.4	5.2	5	5	821444	812051
						1.0	0.1	90	28.9		8.4		23.5		120.0		8.1		3.5		5			
					Middle	4.7	0.1	113	28.2	28.2	8.3	8.3	25.9	26.0	91.0	90.8	6.1		5.1		5			
						4.7	0.1	125	28.2		8.3		26.0		90.6		6.1		5.7		5			
					Bottom	8.4	0.2	161	28.5	28.6	8.1	8.1	26.5	26.5	72.2	73.4	4.8	4.9	6.8		6			
						8.4	0.2	156	28.6		8.1		26.4		74.5		5.0		6.8		5			
SR1A	Fine	Calm	18:11	4.8	Surface	1.0	-	-	28.1	28.1	8.2	8.2	26.4	26.4	87.0	83.5	5.9	5.7	4.3	4.6	5	6	819979	812658
						1.0	-	-	28.1		8.2		26.5		79.9		5.4		4.2		6			
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.4	-	-	-		-		-		-		-		-		-			
					Bottom	3.8	-	-	28.1	28.2	8.2	8.2	26.8	26.8	81.1	81.7	5.5	5.5	5.1		6			
						3.8	-	-	28.2		8.2		26.8		82.2		5.5		5.0		6			
SR2	Fine	Calm	18:21	5.0	Surface	1.0	0.3	75	28.7	28.7	8.3	8.3	23.0	23.1	100.2	97.1	6.8	6.6	4.6	4.9	6	6	821440	814170
						1.0	0.4	75	28.6		8.3		23.2		94.0		6.4		4.6		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	0.2	56	28.5	28.5	8.2	8.2	26.6	26.6	84.6	86.3	5.7	5.8	5.1		7			
						4.0	0.2	60	28.5		8.3		26.5		87.9		5.9		5.1		6			
SR3	Fine	Calm	17:00	9.4	Surface	1.0	0.1	85	29.4	29.4	8.4	8.4	21.9	21.9	117.0	116.2	7.9	7.0	4.8	5.7	4	4	822123	807585
						1.0	0.1	87	29.3		8.4		22.0		115.4		7.8		4.8		4			
					Middle	4.7	0.2	92	28.5	28.5	8.2	8.2	22.8	22.8	89.6	89.3	6.1		5.6		4			
						4.7	0.2	97	28.4		8.2		22.9		89.0		6.1		5.5		4			
					Bottom	8.4	0.2	52	28.2	28.2	8.2	8.2	26.5	26.5	76.0	76.5	5.1	5.2	7.0		3			
						8.4	0.2	54	28.2		8.2		26.5		76.9		5.2		6.9		4			
SR4A	Cloudy	Rough	18:13	8.2	Surface	1.0	0.1	252	29.8	29.8	8.1	8.1	21.6	21.6	119.8	119.2	8.1	7.1	8.3	10.2	7	7	817203	807806
						1.0	0.1	260	29.8		8.1		21.6		118.6		8.0		8.5		7			
					Middle	4.1	0.0	326	28.9	28.9	8.1	8.1	24.7	24.7	90.5	90.5	6.1		9.1		7			
						4.1	0.0	352	28.9		8.1		24.7		90.5		6.1		9.1		7			
					Bottom	7.2	0.0	253	28.2	28.2	8.4	8.4	27.1	27.1	66.8	67.2	4.5	4.5	13.1		7			
						7.2	0.0	259	28.2		8.4		27.1		67.6		4.5		13.2		7			
SR5A	Cloudy	Rough	18:30	4.1	Surface	1.0	0.1	296	30.1	30.1	8.0	8.0	22.8	22.8	113.6	113.6	7.6	7.6	5.2	7.1	6	7	816572	810708
						1.0	0.1	321	30.1		8.0		22.8		113.5		7.6		5.2		7			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.1	0.1	336	30.1	30.1	8.0	8.0	22.8	22.8	110.2	110.2	7.3	7.3	8.9		7			
						3.1	0.1	346	30.1		8.0		22.8		110.1		7.3		8.9		8			
SR6A	Cloudy	Rough	18:57	5.1	Surface	1.0	0.1	7	30.3	30.3	8.0	8.0	23.0	23.0	133.4	133.1	8.8	8.8	6.2	7.5	7	8	817973	814753
						1.0	0.1	7	30.3		8.0		23.0		132.8		8.8		6.2		7			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.1	0.0	343	29.1	29.2	8.1	8.1	24.9	24.9	97.1	100.4	6.5	6.7	8.8		8			
						4.1	0.0	316	29.3		8.1		24.8		103.7		6.9		8.6		8			
SR7	Fine	Calm	19:18	14.0	Surface	1.0	0.3	68	29.6	29.6	8.2	8.2	23.3	23.3	139.2	138.0	9.3	8.5	1.2	1.9	6	5	823628	823726
						1.0	0.3	73	29.6		8.2		23.3		136.8		9.2		1.1		5			
					Middle	7.0	0.1	225	28.1	28.1	8.4	8.4	27.2	27.2	116.8	115.9	7.9		1.8		5			
						7.0	0.1	232	28.0		8.4		27.2		114.9		7.7		1.9		6			
					Bottom	13.0	0.1	121	28.1	28.1	8.4	8.4	26.9	26.9	103.4	103.8	7.0	7.0	2.8		5			
						13.0	0.1	122	28.1		8.4		26.9		104.1		7.0		2.8		5			
SR8	Fine	Calm	17:45	4.4	Surface	1.0	-	-	29.5	29.5	8.3	8.3	22.8	22.7	103.3	101.5	7.0	6.9	4.8	5.1	5	5	820387	811634
						1.0	-	-	29.5		8.3		22.6		99.6		6.7		5.0		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.4	-	-	28.2	28.2	8.2	8.2	25.9	25.8	86.2	86.3	5.8	5.8	5.4		5			
						3.4	-	-	28.2		8.2		25.8		86.4		5.8		5.4		4			

DA: Depth-Averaged
Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**
Note: The monitoring session on 20 July 2020 was cancelled due to Strong Wind Signal No. 3.

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 17 July 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	Rough	12:04	8.2	Surface	1.0	0.6	37	29.5	29.5	8.1	8.1	20.1	20.1	100.3	100.1	6.9	6.5	4.0	5.3	3	3	815615	804263
						1.0	0.6	38	29.5		8.1		20.1		99.9		6.8		4.0		3			
					Middle	4.1	0.5	34	29.0	29.0	8.1	8.1	23.2	23.2	90.8	89.9	6.1		5.6		2			
						4.1	0.6	34	29.0		8.1		23.2		88.9		6.0		5.6		3			
					Bottom	7.2	0.3	19	26.6	26.6	8.3	8.3	32.0	32.0	39.4	39.5	2.6	2.7	6.2		4			
						7.2	0.3	19	26.6		8.3		32.0		39.5		2.7		6.2		3			
C2	Fine	Calm	13:06	12.2	Surface	1.0	0.3	348	29.5	29.5	8.3	8.3	19.8	19.8	105.7	105.5	7.2	6.4	3.0	5.4	6	5	825659	806954
						1.0	0.3	353	29.4		8.3		19.8		105.3		7.2		3.0		5			
					Middle	6.1	0.2	17	28.5	28.5	8.2	8.2	23.6	23.7	81.4	81.4	5.5		5.8		4			
						6.1	0.2	18	28.4		8.2		23.7		81.3		5.5		6.7		4			
					Bottom	11.2	0.1	335	28.1	28.1	8.2	8.2	26.4	26.4	69.6	69.8	4.7	4.7	7.1		4			
						11.2	0.1	358	28.1		8.2		26.4		70.0		4.7		7.0		4			
C3	Fine	Calm	11:06	11.8	Surface	1.0	0.5	267	28.6	28.6	8.3	8.3	22.7	22.7	99.8	99.1	6.8	6.2	2.8	4.9	5	5	822120	817788
						1.0	0.5	281	28.5		8.3		22.7		98.4		6.7		2.8		5			
					Middle	5.9	0.5	250	27.7	27.7	8.2	8.2	26.0	26.1	82.7	82.6	5.6		5.4		5			
						5.9	0.5	260	27.6		8.2		26.1		82.4		5.6		5.8		5			
					Bottom	10.8	0.4	267	27.2	27.2	8.2	8.2	29.0	28.9	75.1	75.3	5.1	5.1	6.2		5			
						10.8	0.5	293	27.2		8.2		28.9		75.4		5.1		6.2		4			
IM1	Cloudy	Rough	12:24	5.1	Surface	1.0	0.0	356	29.6	29.6	8.0	8.0	23.0	23.0	110.0	109.8	7.4	7.4	8.1	7.7	3	3	817948	807113
						1.0	0.0	328	29.6		8.0		23.0		109.6		7.4		8.2		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.1	0.1	2	28.7	28.7	7.9	7.9	25.6	25.7	82.5	83.0	5.5	5.6	7.3		3			
						4.1	0.1	2	28.7		7.9		25.7		83.5		5.6		7.3		4			
IM2	Cloudy	Rough	12:31	7.0	Surface	1.0	0.3	357	29.6	29.6	8.0	8.0	22.0	22.0	116.6	116.4	7.9	6.8	3.8	6.6	4	4	818182	806189
						1.0	0.3	357	29.6		8.0		22.0		116.2		7.8		3.8		4			
					Middle	3.5	0.3	2	28.7	28.6	8.0	8.0	25.1	25.1	84.7	84.7	5.7		8.0		4			
						3.5	0.3	2	28.6		8.0		25.2		84.7		5.7		8.0		4			
					Bottom	6.0	0.2	336	27.7	27.8	8.0	8.0	28.7	28.7	85.7	85.7	5.7	5.7	7.9		5			
						6.0	0.2	309	27.8		8.0		28.7		85.7		5.7		7.9		4			
IM3	Cloudy	Rough	12:38	7.2	Surface	1.0	0.4	343	29.3	29.3	7.9	7.9	23.3	23.3	109.2	109.1	7.4	6.5	4.4	5.8	6	5	818778	805585
						1.0	0.5	356	29.3		7.9		23.3		108.9		7.3		4.3		5			
					Middle	3.6	0.4	344	28.9	28.9	8.1	8.1	24.4	24.4	85.3	84.2	5.8		5.2		5			
						3.6	0.4	351	28.9		8.1		24.4		83.0		5.6		5.3		4			
					Bottom	6.2	0.3	335	28.2	28.2	8.1	8.1	26.7	26.6	68.3	68.3	4.6	4.6	7.7		5			
						6.2	0.3	342	28.2		8.1		26.5		68.2		4.6		7.8		4			
IM4	Cloudy	Rough	12:47	8.8	Surface	1.0	0.7	0	29.2	29.2	8.1	8.1	23.4	23.5	91.5	91.1	6.2	5.4	5.9	5.9	3	4	819745	804623
						1.0	0.7	0	29.2		8.1		23.5		90.7		6.1		6.0		4			
					Middle	4.4	0.7	357	28.5	28.5	8.0	8.0	25.1	25.1	68.1	67.9	4.6		5.6		5			
						4.4	0.7	328	28.5		8.0		25.1		67.7		4.6		5.6		4			
					Bottom	7.8	0.3	348	27.6	27.6	8.4	8.4	28.7	28.7	55.6	55.7	3.7	3.7	6.1		4			
						7.8	0.3	320	27.6		8.4		28.7		55.7		3.7		6.1		5			
IM5	Cloudy	Rough	12:55	7.0	Surface	1.0	1.0	5	29.6	29.6	8.1	8.1	22.5	22.5	125.5	125.4	8.4	6.3	3.6	6.1	5	6	820733	804888
						1.0	1.0	5	29.6		8.1		22.5		125.2		8.4		3.6		5			
					Middle	3.5	0.8	7	28.9	28.9	8.2	8.2	24.7	24.7	63.2	63.2	4.2		5.4		6			
						3.5	0.9	7	28.9		8.2		24.7		63.2		4.3		5.4		6			
					Bottom	6.0	0.5	18	28.0	28.0	7.9	7.9	27.3	27.3	63.4	63.7	4.3	4.3	9.4		7			
						6.0	0.6	19	28.0		7.9		27.3		64.0		4.3		9.3		6			
IM6	Cloudy	Rough	13:05	7.4	Surface	1.0	0.1	278	30.1	30.1	8.0	8.0	20.8	20.8	99.1	99.1	6.7	6.7	7.2	7.7	6	6	821068	805829
						1.0	0.1	283	30.1		8.0		20.8		99.1		6.7		7.2		6			
					Middle	3.7	0.1	22	29.8	29.8	8.0	8.0	21.4	21.4	99.5	99.5	6.7		7.6		7			
						3.7	0.1	22	29.8		8.0		21.4		99.5		6.7		7.6		6			
					Bottom	6.4	0.2	76	28.2	28.2	8.1	8.1	26.1	26.6	97.8	103.4	6.6	7.0	8.2		5			
						6.4	0.2	79	28.3		8.1		27.0		109.0		7.3		8.2		6			
IM7	Cloudy	Rough	13:15	8.0	Surface	1.0	0.2	192	30.2	30.2	8.1	8.1	20.7	20.7	111.0	110.5	7.5	6.6	4.0	4.8	5	6	821363	806853
						1.0	0.2	200	30.2		8.1		20.7		110.0		7.4		4.1		5			
					Middle	4.0	0.2	173	29.4	29.4	8.2	8.2	22.2	22.2	86.2	85.8	5.8		7.0		6			
						4.0	0.2	183	29.4		8.2		22.2		85.3		5.8		7.1		6			
					Bottom	7.0	0.1	71	28.1	27.9	8.4	8.4	25.9	27.0	66.7	68.7	4.5	4.6	3.4		7			
						7.0	0.1	77	27.8		8.4		28.2		70.7		4.7		3.4		6			
IM8	Fine	Calm	12:39	8.0	Surface	1.0	0.1	192	29.6	29.6	8.4	8.4	20.6	20.6	112.1	111.7	7.6	6.7	3.5	4.7	4	5	821851	808152
						1.0	0.1	197	29.5		8.4		20.7		111.2		7.6		3.6		5			
					Middle	4.0	0.1	168	29.1	29.1	8.2	8.2	22.5	22.5	85.5	85.3	5.8		4.5		4			
						4.0	0.1	175	29.1		8.2		22.5		85.0		5.8		5.0		5			
					Bottom	7.0	0.2	92	29.3	29.4	8.2	8.2	22.2	22.1	78.1	78.0	5.3	5.3	5.7		4			
						7.0	0.2	97	29.4		8.2		22.1		77.9		5.3		5.6		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**
Note: The monitoring session on 20 July 2020 was cancelled due to Strong Wind Signal No. 3.

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 17 July 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	12:33	7.2	Surface	1.0	0.1	356	29.0	29.0	8.4	8.4	21.1	21.1	103.0	99.3	7.1	6.0	7.0	8.4	5	6	822083	808827
						1.0	0.1	328	28.9		8.4		21.1		95.5		6.6		7.6		5			
					Middle	3.6	0.0	23	28.8	28.8	8.1	8.1	23.7	23.7	75.4	75.4	5.1		8.4		7			
						3.6	0.0	23	28.8		8.1		23.7		75.4		5.1		8.5		6			
					Bottom	6.2	0.1	100	28.9	29.0	8.1	8.1	23.7	23.6	75.9	76.1	5.1	5.1	9.3		8			
						6.2	0.1	107	29.0		8.1		23.6		76.2		5.1		9.6		7			
IM10	Fine	Calm	12:26	8.2	Surface	1.0	0.2	352	29.5	29.5	8.4	8.4	20.8	20.8	119.5	118.9	8.1	6.4	2.8	4.2	5	5	822363	809813
						1.0	0.2	354	29.4		8.4		20.9		118.2		8.0		2.9		5			
					Middle	4.1	0.1	304	28.4	28.4	8.1	8.1	25.1	25.1	71.6	71.6	4.8		4.5		5			
						4.1	0.2	305	28.4		8.1		25.2		71.6		4.8		4.6		5			
					Bottom	7.2	0.1	288	28.4	28.4	8.1	8.1	25.4	25.4	72.1	72.3	4.9	4.9	5.3		6			
						7.2	0.1	308	28.4		8.1		25.4		72.4		4.9		5.3		5			
IM11	Fine	Calm	12:16	7.4	Surface	1.0	0.8	302	29.4	29.4	8.4	8.4	20.8	20.8	121.6	121.3	8.3	7.3	3.7	4.9	5	4	822064	811443
						1.0	0.8	303	29.3		8.4		20.8		120.9		8.3		3.8		4			
					Middle	3.7	0.6	301	28.8	28.8	8.3	8.3	24.0	24.0	93.6	94.2	6.3		4.9		5			
						3.7	0.7	322	28.8		8.3		23.9		94.7		6.4		4.7		4			
					Bottom	6.4	0.4	287	27.8	27.8	8.2	8.2	27.0	27.1	80.7	81.1	5.5	5.5	6.1		4			
						6.4	0.4	310	27.8		8.2		27.1		81.4		5.5		6.0		3			
IM12	Fine	Calm	12:10	9.2	Surface	1.0	0.6	280	29.9	29.9	8.4	8.4	20.4	20.4	123.4	123.2	8.4	6.8	3.1	5.9	5	5	821441	812042
						1.0	0.6	304	29.9		8.4		20.4		122.9		8.3		3.1		4			
					Middle	4.6	0.6	281	27.8	27.8	8.2	8.2	25.7	25.7	75.8	75.5	5.2		7.0		6			
						4.6	0.6	289	27.8		8.2		25.7		75.2		5.1		7.0		5			
					Bottom	8.2	0.3	268	27.6	27.6	8.1	8.1	27.9	27.8	67.6	68.1	4.6	4.6	7.8		5			
						8.2	0.3	280	27.6		8.1		27.8		68.5		4.6		7.7		6			
SR1A	Fine	Calm	11:42	5.0	Surface	1.0	-	-	29.4	29.4	8.3	8.3	21.5	21.6	110.5	110.1	7.5	7.5	4.1	4.5	5	5	819980	812664
						1.0	-	-	29.4		8.3		21.6		109.7		7.4		4.2		4			
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.5	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	-	-	29.7	29.8	8.2	8.2	21.9	21.8	97.8	98.5	6.6	6.7	4.9		5			
						4.0	-	-	29.8		8.2		21.8		99.1		6.7		4.7		5			
SR2	Fine	Calm	11:27	4.6	Surface	1.0	0.2	188	29.2	29.2	8.3	8.3	21.1	21.1	115.0	112.8	7.9	7.7	5.4	6.1	4	5	821485	814179
						1.0	0.2	197	29.2		8.3		21.0		110.6		7.5		5.8		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.6	0.1	189	29.6	29.7	8.3	8.3	23.5	23.4	98.2	98.7	6.6	6.6	6.7		5			
						3.6	0.1	197	29.8		8.3		23.3		99.1		6.6		6.5		5			
SR3	Fine	Calm	12:46	9.0	Surface	1.0	0.4	330	29.4	29.4	8.4	8.4	21.4	21.5	113.1	112.4	7.7	7.0	3.7	4.6	4	4	822144	807547
						1.0	0.4	356	29.4		8.4		21.5		111.7		7.6		4.0		4			
					Middle	4.5	0.4	338	29.2	29.2	8.2	8.2	22.1	22.2	92.8	92.8	6.3		4.6		4			
						4.5	0.4	346	29.2		8.2		22.2		92.8		6.3		4.7		4			
					Bottom	8.0	0.3	327	28.8	28.8	8.2	8.2	23.4	23.4	82.2	82.3	5.6	5.6	5.3		4			
						8.0	0.3	341	28.8		8.2		23.4		82.4		5.6		5.3		4			
SR4A	Cloudy	Moderate	11:40	9.2	Surface	1.0	0.1	244	29.5	29.5	8.0	8.0	22.8	22.8	77.7	77.8	5.2	5.3	3.6	8.1	6	6	817193	807803
						1.0	0.1	256	29.5		8.0		22.8		77.8		5.2		3.6		5			
					Middle	4.6	0.1	80	29.0	28.9	8.0	8.0	23.9	23.9	78.3	78.3	5.3		7.7		6			
						4.6	0.1	80	28.9		8.0		23.9		78.3		5.3		7.7		5			
					Bottom	8.2	0.1	78	27.7	27.7	8.4	8.4	28.7	28.7	56.0	56.2	3.8	3.8	13.0		6			
						8.2	0.1	81	27.7		8.4		28.7		56.4		3.8		13.0		5			
SR5A	Cloudy	Moderate	11:23	3.4	Surface	1.0	0.1	269	29.7	29.7	8.1	8.1	22.6	22.6	96.2	96.1	6.5	6.5	8.1	8.2	10	10	816583	810699
						1.0	0.1	274	29.7		8.1		22.6		95.9		6.4		8.1		10			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.4	0.1	290	29.6	29.6	8.1	8.1	22.7	22.7	94.8	94.8	6.4	6.4	8.3		9			
						2.4	0.1	318	29.6		8.1		22.7		94.8		6.4		8.3		10			
SR6A	Cloudy	Moderate	10:53	4.2	Surface	1.0	0.1	285	29.6	29.6	8.1	8.1	22.7	22.7	100.3	100.2	6.7	6.7	10.7	10.8	6	6	817971	814728
						1.0	0.1	286	29.6		8.1		22.7		100.1		6.7		10.7		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	0.0	3	29.0	29.1	8.0	8.0	24.8	24.8	81.4	83.6	5.5	5.6	10.9		7			
						3.2	0.0	3	29.1		8.0		24.7		85.7		5.7		10.9		7			
SR7	Fine	Calm	10:32	15.4	Surface	1.0	0.1	262	28.9	28.9	8.3	8.3	22.6	22.6	107.0	106.9	7.3	6.5	2.7	2.9	5	5	823639	823762
						1.0	0.1	267	28.9		8.3		22.6		106.7		7.3		2.7		5			
					Middle	7.7	0.3	214	27.7	27.7	8.2	8.2	27.1	27.2	83.4	83.3	5.6		3.1		4			
						7.7	0.3	225	27.7		8.2		27.2		83.1		5.6		3.0		5			
					Bottom	14.4	0.3	62	27.5	27.5	8.2	8.2	28.2	28.2	77.2	77.6	5.2	5.3	3.1		5			
						14.4	0.3	65	27.5		8.2		28.2		78.0		5.3		3.1		4			
SR8	Fine	Calm	11:58	4.7	Surface	1.0	-	-	29.5	29.5	8.3	8.3	21.2	21.3	113.0	112.4	7.7	7.7	2.6	3.3	4	4	820411	811625
						1.0	-	-	29.5		8.3		21.3		111.7		7.6		2.9		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	-	-	29.5	29.5	8.3	8.3	21.8	21.8	97.0	96.8	6.6	6.6	3.8		5			
						3.7	-	-	29.5		8.3		21.8		96.6		6.5		3.8		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**
Note: The monitoring session on 20 July 2020 was cancelled due to Strong Wind Signal No. 3.

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 22 July 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	11:35	7.4	Surface	1.0	0.9	203	27.9	27.9	8.2	8.2	27.5	27.5	71.3	71.3	4.8	4.8	5.5	7.3	5	6	815623	804267
						1.0	1.0	210	27.9		8.2		27.5		71.3		4.8		5.5		4			
					Middle	3.7	0.6	205	27.5	27.5	8.2	8.2	28.5	28.5	70.6	70.6	4.8		8.7		6			
						3.7	0.7	210	27.5		8.2		28.5		70.6		4.8		8.8		7			
					Bottom	6.4	0.4	207	27.5	27.5	8.2	8.2	29.2	29.2	71.0	71.0	4.8	4.8	7.5		7			
						6.4	0.5	213	27.5		8.2		29.2		71.0		4.8		7.5		6			
C2	Fine	Calm	13:13	12.2	Surface	1.0	0.3	120	28.3	28.2	8.4	8.4	23.2	23.4	80.4	79.7	5.5	5.3	5.4	6.6	6	6	825705	806950
						1.0	0.3	126	28.1		8.4		23.7		79.0		5.4		5.4		5			
					Middle	6.1	0.3	124	27.7	27.7	8.4	8.4	26.2	26.3	76.0	76.1	5.2		6.5		6			
						6.1	0.4	128	27.7		8.4		26.3		76.2		5.2		6.8		5			
					Bottom	11.2	0.3	76	27.7	27.7	8.4	8.4	26.4	26.3	76.7	77.1	5.2	5.3	7.7		6			
						11.2	0.3	77	27.7		8.4		26.3		77.4		5.3		7.8		5			
C3	Fine	Calm	11:06	11.8	Surface	1.0	0.6	71	27.5	27.5	8.2	8.2	28.6	28.6	69.5	69.5	4.7	4.7	5.8	6.5	6	6	822122	817789
						1.0	0.6	76	27.5		8.2		28.6		69.4		4.7		5.9		5			
					Middle	5.9	0.4	61	27.4	27.4	8.0	8.0	28.7	28.6	70.0	70.2	4.7		6.7		5			
						5.9	0.5	61	27.4		8.0		28.6		70.3		4.7		6.5		6			
					Bottom	10.8	0.3	14	27.4	27.4	7.7	7.7	28.6	28.6	73.4	73.5	4.9	5.0	7.0		7			
						10.8	0.3	14	27.5		7.7		28.6		73.6		5.0		7.0		6			
IM1	Sunny	Moderate	11:59	4.4	Surface	1.0	0.1	354	27.5	27.5	8.2	8.2	28.5	28.5	67.8	67.8	4.6	4.6	8.9	12.3	8	7	817970	807145
						1.0	0.1	326	27.5		8.2		28.5		67.8		4.6		8.7		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.4	0.1	35	27.5	27.5	8.2	8.2	28.8	28.8	67.9	67.9	4.6	4.6	15.8		6			
						3.4	0.1	35	27.5		8.2		28.8		67.9		4.6		15.8		6			
IM2	Sunny	Moderate	12:07	6.3	Surface	1.0	0.1	79	27.7	27.7	8.2	8.2	27.9	27.9	68.5	68.5	4.6	4.6	9.7	11.1	6	7	818175	806171
						1.0	0.1	83	27.7		8.2		27.9		68.5		4.6		9.7		5			
					Middle	3.2	0.1	33	27.5	27.5	8.2	8.2	28.3	28.3	68.2	68.2	4.6		11.7		6			
						3.2	0.1	35	27.5		8.2		28.3		68.2		4.6		11.7		7			
					Bottom	5.3	0.2	348	27.5	27.5	8.2	8.2	29.0	29.0	68.3	68.3	4.6	4.6	11.9		8			
						5.3	0.2	320	27.5		8.2		29.0		68.3		4.6		11.9		7			
IM3	Sunny	Moderate	12:14	6.5	Surface	1.0	0.2	222	27.7	27.7	8.2	8.2	27.7	27.7	70.2	70.3	4.7	4.7	6.2	10.3	6	7	818803	805584
						1.0	0.2	232	27.7		8.2		27.7		70.3		4.7		6.1		7			
					Middle	3.3	0.1	245	27.5	27.5	8.2	8.2	28.0	28.0	67.5	67.5	4.6		12.4		6			
						3.3	0.1	260	27.5		8.2		28.0		67.5		4.6		12.4		7			
					Bottom	5.5	0.2	249	27.5	27.5	8.2	8.2	28.7	28.7	68.0	68.0	4.6	4.6	12.3		8			
						5.5	0.2	260	27.5		8.2		28.7		68.0		4.6		12.4		7			
IM4	Sunny	Moderate	12:25	7.9	Surface	1.0	1.2	199	28.1	28.1	8.2	8.2	25.1	25.1	80.3	80.3	5.5	5.4	9.1	12.7	7	5	819748	804606
						1.0	1.2	208	28.1		8.2		25.1		80.3		5.5		9.1		6			
					Middle	4.0	1.1	197	28.0	28.0	8.2	8.2	25.8	25.8	76.8	76.8	5.2		12.7		5			
						4.0	1.1	198	28.0		8.2		25.8		76.8		5.2		12.5		4			
					Bottom	6.9	0.7	197	27.9	27.9	8.2	8.2	25.9	25.9	76.4	76.5	5.2	5.2	16.5		4			
						6.9	0.8	214	27.9		8.2		25.9		76.5		5.2		16.6		5			
IM5	Sunny	Moderate	12:39	6.9	Surface	1.0	1.1	222	27.9	27.9	8.2	8.2	25.3	25.3	77.4	77.4	5.3	5.2	8.8	12.5	6	5	820752	804874
						1.0	1.2	226	27.9		8.2		25.3		77.4		5.3		8.9		6			
					Middle	3.5	0.9	220	27.7	27.7	8.2	8.2	26.2	26.2	73.4	73.4	5.0		13.7		5			
						3.5	1.0	230	27.7		8.2		26.2		73.4		5.0		13.7		4			
					Bottom	5.9	0.7	221	27.7	27.7	8.2	8.2	26.4	26.4	72.7	72.7	4.9	4.9	14.8		4			
						5.9	0.7	223	27.7		8.2		26.4		72.7		4.9		14.9		5			
IM6	Sunny	Moderate	12:51	6.9	Surface	1.0	1.1	250	27.9	28.0	8.2	8.2	25.0	25.0	82.6	82.6	5.6	5.6	6.1	8.9	6	11	821046	805823
						1.0	1.2	251	28.0		8.2		25.0		82.6		5.6		6.1		7			
					Middle	3.5	1.0	252	27.9	27.9	8.2	8.2	25.3	25.3	80.6	80.6	5.5		8.3		7			
						3.5	1.1	264	27.9		8.2		25.3		80.6		5.5		8.3		16			
					Bottom	5.9	0.9	252	27.9	27.9	8.2	8.2	25.3	25.3	80.6	80.7	5.5	5.5	12.3		14			
						5.9	1.0	257	27.9		8.2		25.3		80.7		5.5		12.3		16			
IM7	Sunny	Moderate	13:02	7.5	Surface	1.0	0.9	236	27.9	27.9	8.2	8.2	24.5	24.5	83.5	83.5	5.7	5.7	5.7	9.4	9	7	821334	806831
						1.0	0.9	253	27.9		8.2		24.5		83.5		5.7		5.7		9			
					Middle	3.8	0.9	242	27.8	27.8	8.2	8.2	24.9	24.9	82.0	82.0	5.6		9.6		7			
						3.8	1.0	243	27.8		8.2		24.9		82.0		5.6		9.5		6			
					Bottom	6.5	0.7	250	27.8	27.8	8.2	8.2	24.9	24.9	82.0	82.0	5.6	5.6	13.0		6			
						6.5	0.8	258	27.8		8.2		24.9		82.0		5.6		13.1		5			
IM8	Fine	Calm	12:43	8.0	Surface	1.0	0.9	112	28.1	28.1	8.3	8.3	24.9	24.9	82.9	82.9	5.6	5.6	4.7	5.7	7	6	821807	808159
						1.0	0.9	122	28.1		8.3		25.0		82.8		5.6		4.7		6			
					Middle	4.0	0.8	112	28.1	28.1	8.2	8.2	25.4	25.4	82.8	83.0	5.6		5.7		6			
						4.0	0.9	113	28.1		8.2		25.4		83.2		5.7		5.6		5			
					Bottom	7.0	0.6	100	28.1	28.1	8.1	8.1	25.4	25.3	84.2	84.8	5.7	5.8	6.6		6			
						7.0	0.7	108	28.1		8.1		25.3		85.4		5.8		6.6		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 22 July 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	12:38	7.2	Surface	1.0	0.4	115	28.1	28.1	8.3	8.3	24.8	24.9	82.8	82.7	5.6	5.6	4.7	5.4	6	6	822087	808800
						1.0	0.4	119	28.1		8.3		24.9		82.6		5.6		4.8		5			
					Middle	3.6	0.2	87	28.0	27.9	8.2	8.2	25.4	25.4	82.1	82.1	5.6		5.7		6			
						3.6	0.2	89	27.9		8.2		25.5		82.0		5.6		5.7		7			
					Bottom	6.2	0.2	99	28.0	28.0	8.0	8.0	25.5	25.5	85.3	85.5	5.8	5.8	5.8		6			
						6.2	0.2	105	28.0		8.0		25.5		85.6		5.8		5.7		6			
IM10	Fine	Calm	12:31	8.2	Surface	1.0	0.3	78	27.8	27.8	8.4	8.4	25.7	25.7	79.0	78.9	5.4	5.4	7.7	8.1	6	5	822371	809817
						1.0	0.3	83	27.8		8.4		25.7		78.8		5.4		7.7		6			
					Middle	4.1	0.4	84	27.8	27.8	8.3	8.3	26.0	26.0	78.1	78.1	5.3		8.1		5			
						4.1	0.4	85	27.8		8.3		26.0		78.0		5.3		8.1		6			
					Bottom	7.2	0.3	79	27.8	27.8	8.3	8.3	26.0	26.0	78.1	78.1	5.3	5.3	8.3		4			
						7.2	0.3	84	27.8		8.3		26.0		78.1		5.3		8.6		5			
IM11	Fine	Calm	12:19	7.4	Surface	1.0	0.6	100	28.0	28.0	8.3	8.3	24.7	24.7	78.4	78.3	5.3	5.3	5.7	6.5	6	6	822066	811448
						1.0	0.7	102	28.0		8.3		24.7		78.1		5.3		5.9		5			
					Middle	3.7	0.6	90	27.9	27.9	8.2	8.2	25.8	25.8	78.0	78.1	5.3		6.1		6			
						3.7	0.6	94	27.9		8.2		25.8		78.1		5.3		6.0		6			
					Bottom	6.4	0.1	99	27.9	27.9	8.1	8.1	25.9	25.9	81.8	82.0	5.6	5.6	7.6		6			
						6.4	0.1	103	27.9		8.1		25.9		82.2		5.6		7.5		6			
IM12	Fine	Calm	12:12	9.2	Surface	1.0	0.5	109	28.0	27.9	8.3	8.3	26.1	26.1	76.2	76.1	5.2	5.2	4.1	5.5	5	6	821466	812032
						1.0	0.5	114	27.9		8.3		26.1		75.9		5.2		4.1		6			
					Middle	4.6	0.4	93	27.8	27.8	8.3	8.2	26.5	26.5	75.6	75.8	5.1		5.9		6			
						4.6	0.5	94	27.8		8.2		26.5		75.9		5.2		5.9		7			
					Bottom	8.2	0.1	155	27.8	27.9	8.1	8.1	26.5	26.5	78.1	78.9	5.3	5.4	6.3		7			
						8.2	0.1	167	27.9		8.0		26.4		79.6		5.4		6.7		6			
SR1A	Fine	Calm	11:46	5.0	Surface	1.0	-	-	27.9	27.8	8.4	8.4	26.9	27.0	69.6	69.2	4.7	4.7	4.4	5.0	6	6	819975	812658
						1.0	-	-	27.8		8.4		27.1		68.7		4.7		4.5		6			
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.5	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	-	-	27.6	27.6	8.4	8.4	27.3	27.3	68.3	68.2	4.6	4.6	5.3		6			
						4.0	-	-	27.6		8.4		27.3		68.1		4.6		5.6		6			
SR2	Fine	Calm	11:30	4.6	Surface	1.0	0.3	74	27.6	27.6	8.2	8.1	27.2	27.2	87.3	87.3	5.9	5.9	4.2	4.8	6	6	821453	814164
						1.0	0.4	74	27.6		8.1		27.2		87.3		5.9		4.3		7			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.6	0.4	61	27.6	27.6	8.0	7.9	27.4	27.4	87.4	87.4	5.9	5.9	5.3		6			
						3.6	0.5	63	27.6		7.9		27.4		87.4		5.9		5.3		6			
SR3	Fine	Calm	12:48	9.0	Surface	1.0	0.8	173	27.8	27.8	8.3	8.3	25.7	25.8	77.6	77.2	5.3	5.2	5.2	6.6	7	6	822157	807553
						1.0	0.8	172	27.8		8.3		25.8		76.8		5.2		5.1		6			
					Middle	4.5	0.8	187	27.6	27.6	8.3	8.3	26.5	26.5	75.7	75.7	5.1		6.9		5			
						4.5	0.8	195	27.6		8.3		26.5		75.7		5.2		6.8		6			
					Bottom	8.0	0.4	243	27.7	27.7	8.2	8.2	26.4	26.4	79.0	79.2	5.4	5.4	7.7		4			
						8.0	0.4	245	27.7		8.2		26.4		79.3		5.4		7.7		5			
SR4A	Sunny	Moderate	11:15	9.6	Surface	1.0	0.1	41	27.7	27.7	8.2	8.2	27.8	27.8	68.4	68.4	4.6	4.5	5.6	7.2	5	5	817211	807809
						1.0	0.1	43	27.7		8.2		27.8		68.4		4.6		5.6		5			
					Middle	4.8	0.2	52	27.5	27.5	8.2	8.2	28.2	28.1	65.3	65.3	4.4		6.5		5			
						4.8	0.2	54	27.5		8.2		28.1		65.3		4.4		6.6		4			
					Bottom	8.6	0.2	56	27.5	27.5	8.2	8.2	28.3	28.3	63.1	63.1	4.3	4.3	9.5		5			
						8.6	0.2	52	27.5		8.2		28.3		63.1		4.3		9.5		4			
SR5A	Sunny	Moderate	10:58	4.5	Surface	1.0	0.1	84	27.7	27.7	8.1	8.1	26.5	26.5	65.5	65.5	4.5	4.5	6.1	7.7	6	6	816577	810713
						1.0	0.1	88	27.7		8.1		26.5		65.5		4.5		6.1		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.5	0.0	119	27.5	27.5	8.1	8.1	26.8	26.8	63.7	63.7	4.3	4.3	9.3		6			
						3.5	0.0	123	27.5		8.1		26.8		63.7		4.3		9.3		5			
SR6A	Sunny	Moderate	10:31	4.8	Surface	1.0	0.1	42	27.3	27.3	8.1	8.1	25.6	25.6	67.5	67.5	4.6	4.6	6.5	11.3	6	7	817983	814762
						1.0	0.1	42	27.3		8.1		25.6		67.4		4.6		6.4		7			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.8	0.1	238	27.1	27.1	8.0	8.0	27.4	27.4	60.0	60.0	4.1	4.1	16.1		7			
						3.8	0.1	241	27.1		8.0		27.4		60.0		4.1		16.1		6			
SR7	Fine	Calm	10:27	15.4	Surface	1.0	0.1	65	27.4	27.3	8.2	8.2	28.1	28.2	74.1	73.7	5.1	5.2	4.0	4.2	5	6	823656	823733
						1.0	0.1	68	27.3		8.2		28.2		73.3		5.2		4.1		6			
					Middle	7.7	0.3	103	27.2	27.2	8.1	8.1	28.6	28.6	71.9	71.9	5.2		4.3		6			
						7.7	0.3	104	27.2		8.1		28.6		71.9		5.3		4.2		5			
					Bottom	14.4	0.2	30	27.1	27.1	7.9	7.9	28.9	28.9	72.6	73.0	4.9	5.0	4.3		6			
						14.4	0.3	30	27.2		7.9		28.9		73.3		5.0		4.5		6			
SR8	Fine	Calm	12:05	4.7	Surface	1.0	-	-	28.4	28.3	8.2	8.1	26.8	26.8	76.8	76.8	5.2	5.2	7.4	7.8	6	6	820384	811603
						1.0	-	-	28.1		8.1		26.9		76.8		5.2		7.7		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.7	-	-	28.1	28.1	7.9	7.9	26.8	26.8	85.7	86.1	5.8	5.8	8.0		6			
						3.7	-	-	28.1		7.9		26.8		86.5		5.8		8.0		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 22 July 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	Rough	18:28	6.9	Surface	1.0	0.2	105	28.2	28.3	8.2	8.2	24.8	24.8	82.9	82.9	5.6	5.4	10.8	10.1	8	8	815623	804269
						1.0	0.2	114	28.3		8.2		24.8		82.9		5.6		10.8		6			
					Middle	3.5	0.2	89	27.9	27.9	8.2	8.2	26.0	26.0	75.6	75.6	5.1		8.5		6			
						3.5	0.2	89	27.9		8.2		26.0		75.6		5.1		8.5		6			
					Bottom	5.9	0.2	26	27.8	27.8	8.2	8.2	27.7	27.7	69.8	69.9	4.7	4.7	11.1		12			
						5.9	0.2	26	27.8		8.2		27.7		69.9		4.7		11.2		12			
C2	Fine	Calm	17:22	12.6	Surface	1.0	0.2	75	28.7	28.7	8.0	8.0	23.0	23.0	75.6	75.7	5.2	5.3	6.9	7.5	5	6	825665	806947
						1.0	0.2	76	28.7		8.0		23.1		75.7		5.2		6.9		6			
					Middle	6.3	0.3	76	28.7	28.7	7.8	7.8	23.1	23.1	77.2	77.5	5.3		7.6		6			
						6.3	0.3	74	28.7		7.8		23.1		77.8		5.3		7.8		6			
					Bottom	11.6	0.1	67	28.7	28.7	7.6	7.6	23.2	23.2	80.3	81.4	5.5	5.6	8.0		6			
						11.6	0.1	66	28.7		7.5		23.2		82.5		5.6		8.0		7			
C3	Fine	Calm	19:02	12.2	Surface	1.0	0.1	210	28.0	28.0	8.4	8.4	26.8	26.8	73.0	72.9	4.9	4.9	5.1	6.2	5	4	822131	817787
						1.0	0.2	236	28.0		8.4		26.8		72.8		4.9		5.1		4			
					Middle	6.1	0.3	240	27.8	27.8	8.3	8.3	27.0	27.0	71.5	71.4	4.8		6.2		4			
						6.1	0.3	222	27.8		8.3		27.0		71.2		4.8		6.3		4			
					Bottom	11.2	0.1	275	27.9	27.9	8.3	8.3	27.0	26.9	73.3	73.3	5.0	5.0	7.2		3			
						11.2	0.1	280	27.9		8.3		26.9		73.2		4.9		7.2		3			
IM1	Sunny	Rough	18:06	3.6	Surface	1.0	0.1	191	29.2	29.2	8.1	8.1	26.8	26.8	73.5	73.5	4.9	4.9	4.5	8.6	18	16	817968	807153
						1.0	0.1	197	29.2		8.2		26.8		73.5		4.9		4.5		18			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.6	0.1	263	28.0	28.0	8.2	8.2	28.0	28.0	68.8	68.8	4.6	4.6	12.6		16			
						2.6	0.1	274	28.0		8.2		28.0		68.8		4.6		12.7		10			
IM2	Sunny	Rough	17:57	6.3	Surface	1.0	0.3	321	28.1	28.1	8.2	8.2	27.1	27.1	70.2	70.3	4.7	4.7	10.9	10.7	14	15	818162	806148
						1.0	0.3	350	28.1		8.2		27.1		70.3		4.7		10.9		14			
					Middle	3.2	0.2	319	27.9	27.9	8.2	8.2	27.7	27.7	69.1	69.1	4.7		9.5		15			
						3.2	0.2	327	27.9		8.2		27.7		69.1		4.7		9.5		16			
					Bottom	5.3	0.1	282	27.7	27.7	8.2	8.2	28.3	28.3	68.2	68.2	4.6	4.6	11.5		17			
						5.3	0.1	303	27.7		8.2		28.3		68.2		4.6		11.6		16			
IM3	Sunny	Rough	17:49	6.5	Surface	1.0	0.3	342	28.2	28.2	8.2	8.2	27.2	27.2	71.1	71.1	4.8	4.8	8.9	11.1	14	15	818796	805574
						1.0	0.4	315	28.2		8.2		27.2		71.1		4.8		8.9		13			
					Middle	3.3	0.3	352	28.0	28.0	8.2	8.2	27.5	27.5	69.9	70.0	4.7		11.5		14			
						3.3	0.3	324	28.0		8.2		27.5		70.0		4.7		11.4		15			
					Bottom	5.5	0.2	21	27.9	27.9	8.2	8.2	28.0	28.0	69.7	69.7	4.7	4.7	13.0		15			
						5.5	0.2	22	27.9		8.2		28.0		69.6		4.7		13.0		16			
IM4	Sunny	Rough	17:40	6.7	Surface	1.0	0.7	193	28.5	28.5	8.1	8.1	23.4	23.4	85.9	85.9	5.9	5.5	5.1	7.5	15	16	819729	804611
						1.0	0.7	206	28.5		8.1		23.4		85.9		5.9		5.1		17			
					Middle	3.4	0.5	200	27.9	27.9	8.2	8.2	26.6	26.6	75.2	75.2	5.1		6.8		17			
						3.4	0.5	212	27.9		8.2		26.6		75.2		5.1		6.9		15			
					Bottom	5.7	0.2	272	27.7	27.7	8.2	8.2	28.2	28.2	70.5	70.6	4.8	4.8	10.5		16			
						5.7	0.2	288	27.7		8.2		28.1		70.6		4.8		10.6		15			
IM5	Sunny	Rough	17:32	6.7	Surface	1.0	0.9	232	28.1	28.1	8.1	8.1	24.2	24.2	90.9	90.9	6.2	5.9	11.7	13.6	17	15	820754	804851
						1.0	0.9	232	28.1		8.1		24.2		90.9		6.2		11.7		18			
					Middle	3.4	0.8	229	28.0	28.0	8.1	8.1	24.2	24.2	80.1	80.1	5.5		13.8		16			
						3.4	0.8	245	28.0		8.1		24.2		80.1		5.5		13.7		16			
					Bottom	5.7	0.6	230	28.0	28.0	8.1	8.1	24.3	24.3	80.1	80.1	5.5	5.5	15.2		12			
						5.7	0.6	251	28.0		8.1		24.3		80.1		5.5		15.2		11			
IM6	Sunny	Rough	17:26	6.1	Surface	1.0	1.1	247	28.2	28.2	8.1	8.1	23.8	23.8	80.5	80.5	5.5	5.5	10.3	11.2	4	10	821083	805817
						1.0	1.1	265	28.2		8.1		23.8		80.5		5.5		10.3		4			
					Middle	3.1	1.0	247	28.2	28.2	8.1	8.1	23.8	23.8	80.5	80.5	5.5		10.0		12			
						3.1	1.0	255	28.2		8.1		23.8		80.5		5.5		10.1		13			
					Bottom	5.1	0.9	248	28.2	28.2	8.1	8.1	23.9	23.9	80.2	80.2	5.5	5.5	13.2		13			
						5.1	0.9	265	28.2		8.1		23.9		80.2		5.5		13.3		14			
IM7	Sunny	Rough	17:20	7.2	Surface	1.0	0.9	246	28.1	28.1	8.1	8.1	23.9	23.9	79.7	79.7	5.5	5.5	7.4	10.4	9	11	821342	806832
						1.0	1.0	247	28.1		8.1		23.9		79.7		5.5		7.4		10			
					Middle	3.6	1.0	246	28.1	28.1	8.1	8.1	23.8	23.8	80.0	80.1	5.5		8.9		11			
						3.6	1.0	264	28.1		8.1		23.8		80.1		5.5		8.9		9			
					Bottom	6.2	0.8	246	28.1	28.1	8.1	8.1	23.8	23.8	80.4	80.4	5.5	5.5	14.9		14			
						6.2	0.9	264	28.1		8.1		23.8		80.4		5.5		14.9		12			
IM8	Fine	Calm	17:41	8.2	Surface	1.0	1.1	355	28.4	28.4	8.2	8.2	23.8	23.9	79.5	79.5	5.4	5.4	7.5	8.3	6	6	821823	808128
						1.0	1.1	356	28.4		8.2		23.9		79.5		5.4		7.5		6			
					Middle	4.1	1.0	312	28.4	28.4	8.1	8.1	24.0	24.0	79.7	79.8	5.4		8.4		6			
						4.1	1.1	341	28.4		8.1		24.0		79.8		5.4		8.4		5			
					Bottom	7.2	0.5	304	28.4	28.4	8.0	8.0	24.0	24.0	82.3	82.5	5.6	5.6	9.1		5			
						7.2	0.5	306	28.4		8.0		24.0		82.6		5.6		9.0		6			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 22 July 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	17:47	7.2	Surface	1.0	1.1	326	28.6	28.6	8.3	8.3	23.5	23.5	77.9	78.0	5.3	5.3	1.8	2.4	7	7	822075	808826
						1.0	1.2	323	28.6		8.3		23.5		78.0		5.3		1.7		6			
					Middle	3.6	1.0	318	28.4	28.4	8.3	8.3	24.0	24.0	77.3	77.2	5.3		2.6		6			
						3.6	1.0	306	28.4		8.3		24.1		77.1		5.3		2.6		7			
					Bottom	6.2	0.3	294	28.4	28.4	8.3	8.3	24.1	24.1	103.2	103.2	7.0	7.0	2.8		7			
						6.2	0.3	289	28.4		8.3		24.1		103.2		7.0		2.8		7			
IM10	Fine	Calm	17:52	8.4	Surface	1.0	0.2	297	28.7	28.7	8.2	8.2	21.8	22.0	78.5	78.3	5.4	5.4	5.2	6.3	6	5	822372	809817
						1.0	0.2	288	28.6		8.2		22.1		78.1		5.4		5.5		6			
					Middle	4.2	0.5	278	28.2	28.2	8.1	8.1	24.4	24.4	77.8	78.1	5.3		6.0		6			
						4.2	0.5	294	28.2		8.1		24.5		78.4		5.3		6.1		5			
					Bottom	7.4	0.2	285	28.3	28.3	7.9	7.9	24.5	24.5	83.1	83.4	5.7	5.7	7.6		5			
						7.4	0.2	276	28.3		7.9		24.5		83.7		5.7		7.1		4			
IM11	Fine	Calm	18:00	8.0	Surface	1.0	0.9	279	28.9	28.9	8.2	8.2	22.6	22.6	81.0	81.0	5.5	5.5	4.9	5.7	5	5	822065	811478
						1.0	0.9	281	28.9		8.2		22.6		80.9		5.5		4.9		4			
					Middle	4.0	0.8	269	28.6	28.5	8.1	8.1	22.9	23.0	81.2	81.5	5.5		5.6		4			
						4.0	0.9	255	28.4		8.1		23.1		81.7		5.6		5.6		5			
					Bottom	7.0	0.4	249	28.5	28.7	7.9	7.9	24.7	24.6	83.4	84.4	5.6	5.7	6.6		6			
						7.0	0.4	246	28.8		7.8		24.5		85.3		5.8		6.5		5			
IM12	Fine	Calm	18:05	9.4	Surface	1.0	0.9	263	28.4	28.4	8.3	8.3	24.4	24.4	79.9	79.9	5.4	5.4	5.3	6.3	5	5	821449	812036
						1.0	1.0	253	28.4		8.3		24.4		79.9		5.4		5.4		4			
					Middle	4.7	0.5	251	28.3	28.3	8.3	8.3	24.4	24.4	79.5	79.5	5.4		6.4		6			
						4.7	0.5	254	28.3		8.3		24.4		79.4		5.4		6.3		5			
					Bottom	8.4	0.3	260	28.2	28.2	8.2	8.2	25.7	25.7	79.5	79.4	5.5	5.4	7.3		5			
						8.4	0.3	244	28.2		8.2		25.7		79.3		5.3		7.3		6			
SR1A	Fine	Calm	18:30	4.8	Surface	1.0	-	-	28.7	28.7	8.3	8.3	24.4	24.4	90.6	90.6	6.1	6.1	6.8	7.2	5	5	819979	812661
						1.0	-	-	28.7		8.3		24.4		90.6		6.1		6.7		4			
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.4	-	-	-		-		-		-		-		-		-			
					Bottom	3.8	-	-	28.7	28.7	8.0	8.0	25.6	25.6	90.6	90.6	6.1	6.1	7.7		4			
						3.8	-	-	28.7		8.0		25.6		90.5		6.1		7.7		5			
SR2	Fine	Calm	18:42	5.0	Surface	1.0	0.4	338	28.6	28.6	8.4	8.4	24.5	24.5	90.7	90.7	6.1	6.1	6.7	6.9	5	5	821446	814165
						1.0	0.5	359	28.6		8.4		24.5		90.7		6.1		6.7		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	0.2	99	28.8	28.8	8.3	8.3	25.2	25.2	90.5	90.5	6.1	6.1	7.2		4			
						4.0	0.2	105	28.8		8.3		25.2		90.5		6.1		7.1		5			
SR3	Fine	Calm	17:37	9.4	Surface	1.0	0.2	116	28.4	28.4	8.1	8.1	23.7	23.7	77.8	77.7	5.3	5.3	5.9	6.7	4	4	822134	807560
						1.0	0.2	125	28.3		8.1		23.8		77.5		5.3		5.7		6			
					Middle	4.7	0.5	116	28.1	28.1	7.9	7.9	25.1	25.1	78.2	78.6	5.3		6.5		4			
						4.7	0.5	121	28.1		7.9		25.1		78.9		5.4		6.6		3			
					Bottom	8.4	0.2	87	28.3	28.3	7.7	7.7	24.8	24.8	83.0	83.3	5.6	5.7	7.9		3			
						8.4	0.3	90	28.3		7.6		24.8		83.5		5.7		7.6		4			
SR4A	Sunny	Rough	18:49	8.3	Surface	1.0	0.7	267	28.3	28.3	8.2	8.2	26.1	26.1	73.0	73.0	4.9	4.9	12.4	10.7	19	18	817177	807799
						1.0	0.8	276	28.3		8.2		26.1		73.0		4.9		12.3		20			
					Middle	4.2	0.8	264	28.3	28.3	8.2	8.2	26.1	26.1	72.2	72.2	4.9		12.3		21			
						4.2	0.8	287	28.3		8.2		26.1		72.2		4.9		12.3		20			
					Bottom	7.3	0.4	258	28.3	28.3	8.2	8.2	26.2	26.2	72.8	72.9	4.9	4.9	7.5		13			
						7.3	0.4	267	28.3		8.2		26.2		72.9		4.9		7.5		14			
SR5A	Sunny	Moderate	19:09	4.1	Surface	1.0	0.4	293	28.5	28.5	8.2	8.2	26.0	26.0	75.4	75.4	5.1	5.1	11.9	9.7	3	13	816591	810686
						1.0	0.4	320	28.4		8.2		26.0		75.4		5.1		11.9		17			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.1	0.4	309	28.4	28.4	8.2	8.2	26.0	26.0	74.8	74.9	5.0	5.0	7.5		16			
						3.1	0.4	328	28.4		8.2		26.0		74.9		5.0		7.5		17			
SR6A	Sunny	Moderate	19:40	3.6	Surface	1.0	0.1	294	28.5	28.5	8.2	8.2	25.9	25.9	83.1	83.1	5.6	5.6	6.7	7.6	16	17	817945	814756
						1.0	0.1	306	28.5		8.2		26.0		83.1		5.6		7.0		17			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.6	0.1	294	28.2	28.2	8.1	8.1	26.4	26.4	79.2	79.2	5.3	5.3	8.4		16			
						2.6	0.1	307	28.2		8.1		26.4		79.2		5.3		8.4		18			
SR7	Fine	Calm	19:24	14.0	Surface	1.0	0.4	237	28.0	28.0	8.4	8.4	26.8	26.8	73.4	73.3	5.0	5.1	5.2	6.3	8	9	823647	823761
						1.0	0.4	249	28.0		8.4		26.8		73.2		5.1		5.2		8			
					Middle	7.0	0.2	333	27.7	27.6	8.4	8.4	27.2	27.3	71.2	71.3	5.1		6.3		8			
						7.0	0.2	334	27.6		8.4		27.4		71.4		5.1		6.4		8			
					Bottom	13.0	0.1	202	27.9	27.9	8.4	8.4	27.2	27.1	74.5	74.6	5.0	5.0	7.3		10			
						13.0	0.1	215	27.9		8.4		27.1		74.7		5.0		7.3		9			
SR8	Fine	Calm	18:12	4.4	Surface	1.0	-	-	29.0	29.0	8.1	8.1	24.5	24.5	86.9	87.0	5.8	5.8	6.5	6.8	4	5	820382	811611
						1.0	-	-	29.0		8.1		24.5		87.0		5.8		6.4		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.4	-	-	29.1	29.1	7.9	7.9	24.5	24.5	90.7	90.9	6.1	6.1	7.2		5			
						3.4	-	-	29.1		7.9		24.5		91.1		6.1		7.2		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 24 July 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	12:38	8.4	Surface	1.0	0.0	89	28.4	28.4	8.3	8.3	27.6	27.6	93.8	93.8	6.3	6.1	5.6	9.1	5	4	815634	804231
						1.0	0.0	89	28.4		8.3		27.6		93.7		6.3		6.4		4			
					Middle	4.2	0.1	155	28.2	28.2	8.3	8.3	29.8	29.8	89.3	89.3	5.9		8.4		3			
						4.2	0.1	155	28.2		8.3		29.8		89.3		5.9		8.4		4			
					Bottom	7.4	0.1	196	28.1	28.1	8.3	8.3	30.1	30.1	80.9	81.0	5.4	5.4	12.9		3			
						7.4	0.1	209	28.1		8.3		30.1		81.0		5.4		12.8		4			
C2	Cloudy	Rough	14:08	8.3	Surface	1.0	0.3	173	28.3	28.4	8.0	8.0	22.7	22.7	80.7	80.7	5.5	5.5	3.8	4.3	3	4	825705	806945
						1.0	0.3	176	28.4		8.0		22.7		80.7		5.5		3.8		4			
					Middle	4.2	0.3	164	28.2	28.2	8.0	8.0	22.9	22.9	78.5	78.5	5.4		4.4		3			
						4.2	0.4	175	28.2		8.0		22.9		78.5		5.4		4.4		4			
					Bottom	7.3	0.4	144	28.1	28.1	7.9	7.9	23.0	23.0	75.7	75.6	5.2	5.2	4.6		5			
						7.3	0.4	152	28.1		7.9		23.0		75.5		5.2		4.6		6			
C3	Cloudy	Rough	12:02	12.6	Surface	1.0	0.3	107	27.0	27.0	7.9	7.9	27.4	27.4	63.0	63.0	4.3	4.2	2.9	3.8	4	5	822121	817784
						1.0	0.3	110	27.0		7.9		27.4		63.0		4.3		2.9		5			
					Middle	6.3	0.2	54	26.8	26.8	7.9	7.9	28.6	28.6	58.4	58.4	4.0		3.9		5			
						6.3	0.2	54	26.8		7.9		28.6		58.4		4.0		3.9		4			
					Bottom	11.6	0.3	107	26.7	26.7	7.9	7.9	29.1	29.1	57.9	57.9	3.9	3.9	4.5		6			
						11.6	0.3	109	26.7		7.9		29.1		57.9		3.9		4.6		6			
IM1	Cloudy	Moderate	12:18	5.4	Surface	1.0	0.2	220	28.4	28.4	8.3	8.3	28.1	28.1	79.8	79.8	5.3	5.3	10.7	11.8	4	4	817935	807150
						1.0	0.2	240	28.4		8.3		28.2		79.8		5.3		11.0		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.4	0.1	139	28.3	28.3	8.3	8.3	29.2	29.2	81.4	81.6	5.4	5.4	12.8		4			
						4.4	0.1	139	28.3		8.3		29.2		81.8		5.4		12.7		4			
IM2	Cloudy	Moderate	12:10	7.6	Surface	1.0	0.1	172	28.4	28.4	8.3	8.3	27.6	27.6	84.5	84.6	5.6	5.5	6.1	10.6	3	3	818153	806170
						1.0	0.1	185	28.4		8.3		27.6		84.6		5.6		6.5		2			
					Middle	3.8	0.1	84	28.1	28.1	8.3	8.3	29.7	29.7	81.5	81.5	5.4		9.8		4			
						3.8	0.1	85	28.1		8.3		29.7		81.4		5.4		10.2		3			
					Bottom	6.6	0.1	100	28.2	28.2	8.3	8.3	29.7	29.7	83.2	83.3	5.5	5.5	15.5		3			
						6.6	0.1	104	28.2		8.3		29.7		83.4		5.5		15.5		4			
IM3	Cloudy	Moderate	12:02	7.8	Surface	1.0	0.2	210	28.3	28.3	8.3	8.3	28.4	28.4	81.6	81.6	5.4	5.4	5.9	9.4	2	3	818763	805592
						1.0	0.2	216	28.3		8.3		28.5		81.6		5.4		5.9		3			
					Middle	3.9	0.1	103	28.2	28.2	8.3	8.3	29.0	29.0	80.9	80.8	5.4		8.2		3			
						3.9	0.1	112	28.2		8.3		29.1		80.7		5.4		8.8		3			
					Bottom	6.8	0.1	95	28.1	28.1	8.3	8.3	29.5	29.5	81.9	82.0	5.4	5.4	13.7		4			
						6.8	0.1	98	28.1		8.3		29.5		82.1		5.4		13.6		3			
IM4	Cloudy	Moderate	11:53	8.0	Surface	1.0	0.3	195	28.3	28.3	8.3	8.3	28.0	28.1	80.4	80.5	5.4	5.4	7.6	11.6	5	5	819740	804587
						1.0	0.3	212	28.3		8.3		28.1		80.5		5.4		8.1		5			
					Middle	4.0	0.1	125	28.2	28.2	8.3	8.3	29.1	29.1	80.4	80.4	5.3		12.3		5			
						4.0	0.1	132	28.2		8.3		29.1		80.4		5.3		12.5		4			
					Bottom	7.0	0.1	123	28.1	28.1	8.3	8.3	29.3	29.3	81.5	81.6	5.4	5.4	14.6		4			
						7.0	0.1	129	28.1		8.3		29.3		81.7		5.4		14.6		5			
IM5	Cloudy	Moderate	11:46	7.9	Surface	1.0	0.4	240	28.4	28.4	8.3	8.3	26.5	26.5	81.6	81.5	5.5	5.4	7.7	11.8	5	5	820743	804850
						1.0	0.4	252	28.4		8.3		26.5		81.4		5.5		8.2		4			
					Middle	4.0	0.1	232	28.2	28.2	8.3	8.3	28.9	28.9	80.0	80.0	5.3		12.6		5			
						4.0	0.1	242	28.2		8.3		28.9		80.0		5.3		13.1		4			
					Bottom	6.9	0.2	160	28.2	28.2	8.3	8.3	29.0	29.0	80.7	80.9	5.4	5.4	14.9		6			
						6.9	0.2	167	28.2		8.3		29.0		81.0		5.4		14.7		5			
IM6	Cloudy	Moderate	11:39	8.0	Surface	1.0	0.3	253	28.4	28.4	8.2	8.2	25.7	25.6	76.2	76.3	5.1	5.2	7.7	9.5	5	6	821061	805847
						1.0	0.4	258	28.4		8.2		25.6		76.3		5.2		7.8		4			
					Middle	4.0	0.3	244	28.3	28.3	8.3	8.3	28.0	28.0	77.3	77.3	5.2		8.8		6			
						4.0	0.3	255	28.3		8.3		28.1		77.2		5.2		9.0		6			
					Bottom	7.0	0.2	224	28.2	28.2	8.3	8.3	28.5	28.5	77.2	77.3	5.1	5.2	12.1		6			
						7.0	0.2	225	28.2		8.3		28.5		77.4		5.2		11.8		6			
IM7	Cloudy	Moderate	11:31	7.6	Surface	1.0	0.2	236	28.4	28.4	8.2	8.2	25.5	25.6	78.9	77.1	5.3	5.2	6.9	8.3	7	6	821359	806853
						1.0	0.2	240	28.4		8.2		25.7		75.3		5.1		7.1		6			
					Middle	3.8	0.1	221	28.4	28.4	8.3	8.3	27.6	27.6	77.7	77.7	5.2		8.6		6			
						3.8	0.1	230	28.3		8.3		27.7		77.6		5.2		8.8		5			
					Bottom	6.6	0.1	112	28.3	28.4	8.3	8.3	27.9	27.9	78.6	78.8	5.2	5.3	9.1		4			
						6.6	0.1	113	28.4		8.3		27.8		79.0		5.3		9.0		5			
IM8	Cloudy	Rough	13:42	8.3	Surface	1.0	0.1	127	28.2	28.2	7.9	7.9	23.2	23.2	74.0	74.0	5.1	5.0	4.0	4.9	6	6	821812	808161
						1.0	0.1	132	28.2		7.9		23.2		74.0		5.1		3.9		6			
					Middle	4.2	0.2	117	28.0	28.0	7.9	7.9	23.4	23.4	70.3	70.3	4.8		4.7		7			
						4.2	0.2	123	28.0		7.9		23.4		70.3		4.8		4.7		6			
					Bottom	7.3	0.2	48	27.8	27.8	7.9	7.9	24.1	24.1	65.9	65.9	4.5	4.5	6.1		6			
						7.3	0.2	48	27.8		7.9		24.1		65.8		4.5		6.1		5			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 24 July 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	Cloudy	Rough	13:36	8.1	Surface	1.0	0.2	118	28.4	28.4	7.9	7.9	22.3	22.3	78.0	77.9	5.4	5.0	2.8	4.7	4	6	822092	808833
						1.0	0.2	127	28.4		7.9		22.3		77.8		5.3		2.8		5			
					Middle	4.1	0.3	77	27.8	27.8	7.9	7.9	24.1	24.1	66.2	66.2	4.5		5.2		6			
						4.1	0.3	78	27.8		7.9		24.1		66.2		4.6		5.2		6			
					Bottom	7.1	0.3	78	27.7	27.7	8.0	8.0	25.7	25.7	67.8	67.8	4.6	4.6	6.2		6			
						7.1	0.3	80	27.7		8.0		25.7		67.8		4.6		6.2		6			
IM10	Cloudy	Rough	13:28	7.9	Surface	1.0	0.5	96	28.2	28.2	7.9	7.9	22.6	22.6	75.2	75.2	5.2	5.0	3.5	6.1	5	5	822369	809801
						1.0	0.6	98	28.2		7.9		22.6		75.1		5.2		3.5		6			
					Middle	4.0	0.5	95	27.9	27.9	7.9	7.9	23.9	23.9	68.7	68.7	4.7		6.7		4			
						4.0	0.5	99	27.9		7.9		23.9		68.7		4.7		6.7		6			
					Bottom	6.9	0.4	109	27.7	27.7	8.0	8.0	25.7	25.7	67.5	67.5	4.6	4.6	8.1		2			
						6.9	0.4	114	27.7		8.0		25.7		67.5		4.6		8.1		4			
IM11	Cloudy	Moderate	13:16	8.7	Surface	1.0	0.7	113	27.9	28.0	7.9	7.9	23.7	23.6	68.4	68.4	4.7	4.7	5.2	5.0	5	5	822047	811436
						1.0	0.7	120	28.0		7.9		23.6		68.4		4.7		5.3		6			
					Middle	4.4	0.6	119	27.7	27.7	7.9	7.9	24.1	24.1	68.5	68.5	4.7		4.7		4			
						4.4	0.6	122	27.7		7.9		24.1		68.4		4.7		4.6		5			
					Bottom	7.7	0.4	117	27.4	27.4	7.9	7.9	25.0	25.0	63.7	63.7	4.4	4.4	5.0		4			
						7.7	0.4	127	27.4		7.9		25.1		63.7		4.4		5.0		4			
IM12	Cloudy	Moderate	13:10	9.5	Surface	1.0	0.6	112	27.6	27.6	7.9	7.9	24.7	24.7	68.0	68.0	4.7	4.6	3.8	5.0	4	4	821442	812041
						1.0	0.7	120	27.6		7.9		24.7		68.0		4.7		3.8		4			
					Middle	4.8	0.4	106	27.5	27.5	7.9	7.9	24.9	24.8	65.3	65.3	4.5		4.6		5			
						4.8	0.4	110	27.5		7.9		24.8		65.3		4.5		4.5		4			
					Bottom	8.5	0.2	108	27.3	27.3	7.9	7.9	25.6	25.6	61.3	61.3	4.2	4.2	6.7		4			
						8.5	0.2	116	27.3		7.9		25.6		61.3		4.2		6.6		5			
SR1A	Cloudy	Moderate	12:39	5.3	Surface	1.0	-	-	28.2	28.2	7.8	7.8	22.9	22.9	69.1	69.1	4.8	4.8	2.6	4.6	4	4	819975	812662
						1.0	-	-	28.2		7.8		22.9		69.1		4.8		2.6		3			
					Middle	2.7	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.7	-	-	-		-		-		-		-		-		-			
					Bottom	4.3	-	-	27.1	27.1	7.9	7.9	26.2	26.2	57.1	57.2	3.9	3.9	6.6		4			
						4.3	-	-	27.1		7.9		26.2		57.2		3.9		6.6		5			
SR2	Cloudy	Rough	12:25	5.2	Surface	1.0	0.8	111	27.8	27.8	7.9	7.9	23.4	23.4	70.5	70.5	4.9	4.9	3.6	3.8	7	6	821464	814156
						1.0	0.8	121	27.8		7.9		23.5		70.5		4.9		3.6		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.2	0.5	125	27.5	27.5	7.9	7.9	24.8	24.8	65.6	65.6	4.5	4.5	4.0		5			
						4.2	0.5	132	27.5		7.9		24.8		65.6		4.5		4.0		4			
SR3	Cloudy	Rough	13:48	8.5	Surface	1.0	0.2	170	28.1	28.1	7.9	7.9	23.3	23.3	73.9	73.9	5.1	4.8	4.5	7.8	5	5	822134	807583
						1.0	0.2	182	28.1		7.9		23.3		73.9		5.1		4.5		4			
					Middle	4.3	0.0	179	27.6	27.6	7.9	7.9	24.8	24.8	63.9	63.9	4.4		8.4		5			
						4.3	0.0	190	27.6		7.9		24.8		63.9		4.4		8.5		6			
					Bottom	7.5	0.1	66	27.6	27.6	7.9	7.9	25.0	25.0	64.4	64.4	4.4	4.4	10.5		6			
						7.5	0.1	70	27.6		7.9		25.0		64.4		4.4		10.5		6			
SR4A	Cloudy	Moderate	13:03	8.8	Surface	1.0	0.4	74	28.5	28.4	8.3	8.3	28.7	28.7	82.1	81.9	5.4	5.3	7.9	10.5	3	5	817190	807804
						1.0	0.4	78	28.3		8.3		28.8		81.6		5.4		8.8		4			
					Middle	4.4	0.4	72	28.2	28.2	8.3	8.3	29.1	29.1	76.4	76.4	5.1		11.2		4			
						4.4	0.4	76	28.2		8.3		29.1		76.3		5.1		11.5		5			
					Bottom	7.8	0.4	64	28.3	28.3	8.3	8.3	29.1	29.1	76.2	76.3	5.1	5.1	11.7		6			
						7.8	0.4	65	28.3		8.3		29.1		76.3		5.1		11.6		6			
SR5A	Cloudy	Moderate	13:21	4.0	Surface	1.0	0.2	345	29.4	29.4	8.2	8.2	25.3	25.4	85.9	85.8	5.7	5.7	7.5	10.8	3	4	816579	810675
						1.0	0.2	352	29.3		8.2		25.5		85.7		5.7		7.7		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.0	0.2	9	28.7	28.7	8.2	8.2	26.7	26.6	75.7	75.8	5.1	5.1	13.7		4			
						3.0	0.2	9	28.7		8.2		26.6		75.9		5.1		14.2		4			
SR6A	Cloudy	Moderate	13:55	4.5	Surface	1.0	0.1	110	28.5	28.5	8.2	8.2	24.9	25.0	77.0	76.9	5.2	5.2	7.9	10.9	3	4	817966	814758
						1.0	0.1	118	28.5		8.2		25.1		76.8		5.2		8.3		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.5	0.0	134	28.1	28.1	8.1	8.1	26.2	26.1	67.1	67.5	4.5	4.6	13.9		4			
						3.5	0.0	137	28.1		8.1		26.1		67.8		4.6		13.6		4			
SR7	Cloudy	Moderate	11:32	16.8	Surface	1.0	0.5	63	26.8	26.8	7.9	7.9	28.0	28.0	83.7	83.7	5.8	5.6	3.4	3.9	5	5	823620	823720
						1.0	0.5	67	26.8		7.9		28.0		83.6		5.8		3.4		4			
					Middle	8.4	0.6	96	26.8	26.8	7.9	7.9	28.6	28.6	78.2	78.3	5.4		3.4		4			
						8.4	0.7	103	26.8		7.9		28.6		78.3		5.4		3.4		5			
					Bottom	15.8	0.4	100	26.8	26.8	7.9	7.9	28.9	28.9	76.0	76.0	5.2	5.2	5.0		5			
						15.8	0.4	106	26.8		7.9		28.9		76.0		5.2		5.1		6			
SR8	Cloudy	Moderate	13:02	5.8	Surface	1.0	-	-	27.4	27.4	7.9	7.9	25.1	25.1	73.6	73.7	5.0	5.0	5.9	6.7	2	3	820394	811600
						1.0	-	-	27.4		7.9		25.1		73.8		5.0		5.9		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.8	-	-	27.3	27.3	7.9	7.9	25.4	25.3	60.5	60.5	4.2	4.2	7.6		3			
						4.8	-	-	27.3		7.9		25.3		60.5		4.2		7.5		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 24 July 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	20:02	8.7	Surface	1.0	0.6	21	28.2	28.2	8.3	8.3	29.7	29.7	86.4	86.4	5.7	5.6	5.8	9.1	3	3	815640	804263
						1.0	0.6	22	28.2		8.3		29.8		86.3		5.7		6.0		2			
					Middle	4.4	0.5	26	28.0	28.0	8.3	8.3	30.8	30.8	81.7	81.7	5.4		9.3		3			
						4.4	0.6	26	28.0		8.3		30.8		81.6		5.4		9.6		2			
					Bottom	7.7	0.4	25	28.0	28.0	8.3	8.3	30.8	30.8	81.6	81.7	5.4	5.4	11.7		4			
						7.7	0.4	23	28.0		8.3		30.8		81.7		5.4		12.0		4			
C2	Fine	Rough	18:54	8.1	Surface	1.0	0.3	41	28.1	28.1	7.9	7.9	23.1	23.1	75.3	75.3	5.2	5.1	4.7	6.3	2	3	825689	806930
						1.0	0.3	42	28.1		7.9		23.1		75.3		5.2		4.8		2			
					Middle	4.1	0.4	63	27.9	27.9	7.9	7.9	23.8	23.8	70.8	70.8	4.9		6.4		2			
						4.1	0.4	58	27.9		7.9		23.8		70.8		4.9		6.5		3			
					Bottom	7.1	0.4	47	27.8	27.8	7.9	7.9	24.2	24.2	69.0	69.1	4.7	4.7	7.6		4			
						7.1	0.4	48	27.8		7.9		24.2		69.1		4.7		7.6		3			
C3	Fine	Rough	20:41	9.2	Surface	1.0	0.3	224	27.8	27.9	8.0	8.0	25.3	25.3	70.5	70.6	4.8	4.8	7.3	7.2	3	3	822129	817788
						1.0	0.3	229	27.9		8.0		25.3		70.6		4.8		7.4		2			
					Middle	4.6	0.6	259	27.7	27.7	8.0	8.0	25.5	25.5	69.4	69.4	4.7		7.2		3			
						4.6	0.6	270	27.7		8.0		25.5		69.4		4.7		7.1		3			
					Bottom	8.2	0.1	253	27.7	27.7	8.0	8.0	25.6	25.6	69.0	69.0	4.7	4.7	7.3		3			
						8.2	0.1	257	27.7		8.0		25.6		69.0		4.7		7.2		4			
IM1	Cloudy	Moderate	20:25	5.6	Surface	1.0	0.1	197	28.4	28.4	8.3	8.3	27.8	27.9	78.9	79.0	5.3	5.3	5.4	7.8	5	7	817955	807116
						1.0	0.1	213	28.4		8.3		28.0		79.0		5.3		5.6		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.6	0.1	159	28.4	28.5	8.3	8.3	28.5	28.4	79.9	80.0	5.3	5.3	10.2		8			
						4.6	0.1	171	28.5		8.3		28.4		80.0		5.3		10.2		8			
IM2	Cloudy	Moderate	20:35	7.8	Surface	1.0	0.2	63	28.4	28.4	8.3	8.3	27.8	27.8	82.6	82.7	5.5	5.5	5.3	5.7	4	5	818139	806171
						1.0	0.2	68	28.4		8.3		27.9		82.7		5.5		5.2		4			
					Middle	3.9	0.3	36	28.2	28.2	8.3	8.3	28.8	28.8	83.4	83.4	5.5		4.8		6			
						3.9	0.3	37	28.2		8.3		28.9		83.4		5.5		4.8		5			
					Bottom	6.8	0.2	38	28.1	28.1	8.3	8.3	29.6	29.6	79.9	80.0	5.3	5.3	7.1		6			
						6.8	0.2	39	28.1		8.3		29.6		80.0		5.3		7.3		5			
IM3	Cloudy	Moderate	20:42	7.6	Surface	1.0	0.3	42	28.4	28.4	8.3	8.3	27.0	27.0	83.8	83.8	5.6	5.6	5.0	6.3	6	6	818801	805576
						1.0	0.3	43	28.4		8.3		27.0		83.8		5.6		5.0		7			
					Middle	3.8	0.3	50	28.2	28.2	8.3	8.3	29.2	29.2	82.9	82.8	5.5		6.4		6			
						3.8	0.3	57	28.2		8.3		29.3		82.7		5.5		6.6		5			
					Bottom	6.6	0.2	35	28.2	28.2	8.3	8.3	29.7	29.7	84.1	84.2	5.6	5.6	7.5		5			
						6.6	0.3	36	28.2		8.3		29.7		84.3		5.6		7.5		5			
IM4	Cloudy	Moderate	20:52	8.2	Surface	1.0	0.6	19	28.5	28.5	8.3	8.3	26.0	26.0	79.4	79.5	5.3	5.3	6.2	8.2	9	7	819704	804607
						1.0	0.6	21	28.4		8.3		26.0		79.6		5.4		6.5		8			
					Middle	4.1	0.5	17	28.1	28.1	8.3	8.3	29.6	29.6	79.8	79.8	5.3		9.4		6			
						4.1	0.5	18	28.1		8.3		29.6		79.7		5.3		9.3		7			
					Bottom	7.2	0.3	16	28.1	28.1	8.3	8.3	29.7	29.7	80.0	80.1	5.3	5.3	8.9		5			
						7.2	0.3	17	28.1		8.3		29.7		80.1		5.3		8.9		6			
IM5	Cloudy	Moderate	21:01	8.0	Surface	1.0	0.5	29	28.4	28.4	8.3	8.3	25.0	25.1	81.3	81.2	5.5	5.4	5.5	8.3	6	6	820720	804877
						1.0	0.5	27	28.4		8.3		25.2		81.0		5.5		5.6		7			
					Middle	4.0	0.4	25	28.2	28.2	8.3	8.3	28.8	28.8	79.2	79.1	5.3		8.7		7			
						4.0	0.4	28	28.2		8.3		28.8		78.9		5.2		9.0		6			
					Bottom	7.0	0.3	28	28.2	28.2	8.3	8.3	29.2	29.2	77.2	77.4	5.1	5.2	10.6		5			
						7.0	0.4	29	28.2		8.3		29.2		77.6		5.2		10.5		5			
IM6	Cloudy	Moderate	21:10	7.8	Surface	1.0	0.4	24	28.5	28.5	8.2	8.2	26.3	26.3	79.4	79.3	5.3	5.3	6.8	8.1	7	7	821051	805828
						1.0	0.4	25	28.5		8.2		26.3		79.1		5.3		6.9		8			
					Middle	3.9	0.3	22	28.2	28.2	8.3	8.3	28.5	28.5	77.8	77.9	5.2		8.5		7			
						3.9	0.3	23	28.2		8.3		28.5		78.0		5.2		8.6		6			
					Bottom	6.8	0.2	20	28.2	28.2	8.3	8.3	28.5	28.4	79.8	79.9	5.3	5.3	8.8		6			
						6.8	0.2	22	28.2		8.3		28.4		79.9		5.3		8.8		6			
IM7	Cloudy	Moderate	21:19	7.9	Surface	1.0	0.2	23	28.5	28.5	8.2	8.2	25.4	25.4	76.5	76.6	5.2	5.2	7.3	10.5	6	6	821351	806853
						1.0	0.2	25	28.5		8.2		25.4		76.6		5.2		7.4		6			
					Middle	4.0	0.2	18	28.4	28.4	8.3	8.3	27.3	27.3	77.8	77.9	5.2		8.6		6			
						4.0	0.2	19	28.4		8.3		27.4		78.0		5.2		8.7		6			
					Bottom	6.9	0.1	12	28.3	28.3	8.3	8.3	27.8	27.8	79.2	79.4	5.3	5.3	15.7		6			
						6.9	0.1	13	28.3		8.3		27.8		79.5		5.3		15.1		6			
IM8	Fine	Rough	19:15	7.7	Surface	1.0	0.2	353	28.3	28.3	8.0	8.0	23.4	23.4	78.4	78.4	5.4	5.4	4.9	5.6	3	4	821818	808153
						1.0	0.2	357	28.3		8.0		23.4		78.4		5.4		4.9		4			
					Middle	3.9	0.1	356	28.2	28.3	8.0	8.0	23.6	23.6	78.0	78.0	5.3		5.2		4			
						3.9	0.1	344	28.3		8.0		23.5		78.0		5.3		5.2		4			
					Bottom	6.7	0.0	352	27.9	27.9	7.9	7.9	24.4	24.5	70.6	70.5	4.8	4.8	6.7		4			
						6.7	0.0	341	27.9		7.9		24.5		70.4		4.8		6.7		6			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 24 July 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	19:20	7.2	Surface	1.0	0.3	343	28.8	28.8	8.0	8.0	23.3	23.3	83.7	83.7	5.7	5.3	3.9	8.3	4	5	822112	808834
						1.0	0.4	345	28.8		8.0		23.3		83.6		5.7		4.0		6			
					Middle	3.6	0.3	298	28.0	28.0	8.0	8.0	24.9	24.9	70.7	70.9	4.8		9.1		6			
						3.6	0.3	302	28.0		8.0		24.9		71.0		4.8		9.1		5			
					Bottom	6.2	0.3	311	27.7	27.7	8.0	8.0	25.6	25.6	66.5	66.6	4.5	4.5	12.0		6			
						6.2	0.3	309	27.7		8.0		25.6		66.6		4.5		12.0		5			
IM10	Fine	Rough	19:27	6.9	Surface	1.0	0.7	313	28.4	28.4	8.0	8.0	24.6	24.6	80.1	80.1	5.4	5.2	5.0	7.8	5	5	822390	809801
						1.0	0.7	307	28.4		8.0		24.6		80.0		5.4		5.1		5			
					Middle	3.5	0.6	297	27.9	27.9	8.0	8.0	25.3	25.3	72.2	72.2	4.9		8.4		4			
						3.5	0.6	283	27.9		8.0		25.3		72.2		4.9		8.5		5			
					Bottom	5.9	0.4	295	27.7	27.7	8.0	8.0	25.7	25.7	69.4	69.5	4.7	4.7	9.8		5			
						5.9	0.5	296	27.7		8.0		25.7		69.5		4.7		9.9		4			
IM11	Fine	Rough	19:35	6.7	Surface	1.0	0.7	303	28.1	28.1	7.9	7.9	23.9	23.9	75.0	75.0	5.1	5.1	4.2	5.8	5	5	822042	811449
						1.0	0.7	304	28.1		7.9		23.9		74.9		5.1		4.2		4			
					Middle	3.4	0.4	313	28.0	28.0	8.0	8.0	24.1	24.1	74.3	74.3	5.1		5.0		5			
						3.4	0.4	308	28.0		8.0		24.1		74.3		5.1		4.9		5			
					Bottom	5.7	0.1	298	27.8	27.8	8.0	8.0	24.6	24.6	73.2	73.2	5.0	5.0	8.4		4			
						5.7	0.1	285	27.8		8.0		24.6		73.2		5.0		8.4		5			
IM12	Fine	Rough	19:41	7.1	Surface	1.0	0.4	281	27.9	27.9	7.9	7.9	24.4	24.4	71.5	71.5	4.9	4.8	11.5	8.9	4	5	821470	812037
						1.0	0.5	284	27.9		7.9		24.4		71.4		4.9		11.5		5			
					Middle	3.6	0.3	295	27.7	27.7	7.9	7.9	24.8	24.8	68.3	68.3	4.7		7.3		6			
						3.6	0.3	299	27.7		7.9		24.8		68.3		4.7		7.4		5			
					Bottom	6.1	0.2	283	27.7	27.7	7.9	7.9	25.0	25.0	66.6	66.6	4.6	4.6	8.0		5			
						6.1	0.2	276	27.7		7.9		25.0		66.6		4.6		8.0		6			
SR1A	Fine	Moderate	20:08	3.9	Surface	1.0	-	-	28.2	28.2	7.9	7.9	24.0	24.0	71.1	71.1	4.9	4.9	6.6	7.4	4	5	819974	812661
						1.0	-	-	28.2		7.9		24.0		71.0		4.9		6.7		4			
					Middle	2.0	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.0	-	-	-		-		-		-		-		-		-			
					Bottom	2.9	-	-	27.8	27.8	7.9	7.9	24.8	24.8	65.9	66.0	4.5	4.5	8.1		6			
						2.9	-	-	27.8		7.9		24.8		66.1		4.5		8.1		5			
SR2	Fine	Moderate	20:21	4.0	Surface	1.0	0.3	222	27.9	27.9	7.9	7.9	24.6	24.6	71.7	71.8	4.9	4.9	6.9	7.4	5	4	821455	814152
						1.0	0.4	226	27.9		7.9		24.6		71.8		4.9		6.9		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.0	0.2	233	27.6	27.6	7.9	7.9	25.2	25.2	66.7	66.7	4.6	4.6	7.9		3			
						3.0	0.2	245	27.6		7.9		25.2		66.6		4.6		8.0		4			
SR3	Fine	Rough	19:10	7.9	Surface	1.0	0.1	174	28.8	28.8	8.0	8.0	22.9	22.9	82.1	82.1	5.6	5.2	3.4	6.8	4	5	822166	807588
						1.0	0.2	182	28.8		8.0		22.9		82.0		5.6		3.4		5			
					Middle	4.0	0.1	48	27.8	27.9	8.0	8.0	25.0	24.9	69.6	69.6	4.8		7.6		4			
						4.0	0.1	48	27.9		8.0		24.9		69.6		4.8		7.6		5			
					Bottom	6.9	0.2	43	27.5	27.5	7.9	7.9	25.4	25.4	63.6	63.7	4.4	4.4	9.5		4			
						6.9	0.2	43	27.5		7.9		25.4		63.7		4.4		9.5		5			
SR4A	Cloudy	Moderate	19:39	8.8	Surface	1.0	0.0	359	28.3	28.3	8.3	8.3	28.0	28.0	77.0	77.0	5.1	5.1	8.3	11.2	6	5	817176	807790
						1.0	0.0	330	28.3		8.3		28.0		77.0		5.1		8.3		6			
					Middle	4.4	-	219	28.3	28.3	8.3	8.3	28.2	28.2	77.1	77.1	5.1		11.5		5			
						4.4	-	226	28.3		8.3		28.2		77.1		5.1		11.5		5			
					Bottom	7.8	0.0	67	28.3	28.3	8.3	8.3	28.3	28.3	78.0	78.1	5.2	5.2	13.7		5			
						7.8	0.0	72	28.3		8.3		28.3		78.1		5.2		13.7		4			
SR5A	Cloudy	Moderate	19:21	4.5	Surface	1.0	0.1	298	28.9	28.9	8.2	8.2	24.9	25.0	75.0	75.0	5.0	5.0	8.0	10.8	6	6	816616	810714
						1.0	0.1	324	28.9		8.2		25.0		74.9		5.0		8.1		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.5	0.0	286	28.8	28.8	8.2	8.2	25.9	25.9	75.3	75.5	5.0	5.1	13.4		5			
						3.5	0.0	309	28.8		8.2		25.9		75.6		5.1		13.5		6			
SR6A	Cloudy	Moderate	18:52	4.5	Surface	1.0	0.0	295	28.4	28.4	8.1	8.1	23.8	23.9	78.8	78.8	5.4	5.4	6.1	7.5	8	8	817964	814760
						1.0	0.0	306	28.4		8.1		23.9		78.8		5.4		6.5		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.5	0.0	247	28.2	28.2	8.1	8.1	25.0	25.0	74.3	74.4	5.0	5.1	8.7		8			
						3.5	0.0	261	28.2		8.1		25.0		74.5		5.1		8.8		7			
SR7	Fine	Rough	21:03	14.9	Surface	1.0	0.1	240	28.1	28.1	8.0	8.0	24.5	24.5	80.2	80.2	5.3	5.0	3.3	4.3	4	5	823650	823719
						1.0	0.1	224	28.1		8.0		24.5		80.1		5.3		3.3		3			
					Middle	7.5	0.1	271	27.9	27.9	8.0	8.0	24.9	24.8	77.8	77.8	4.6		4.5		4			
						7.5	0.1	289	27.9		8.0		24.8		77.8		4.6		4.5		4			
					Bottom	13.9	0.1	228	27.7	27.7	8.0	8.0	25.2	25.3	73.3	73.3	4.3	4.3	5.0		6			
						13.9	0.1	223	27.7		8.0		25.3		73.2		4.4		5.0		6			
SR8	Fine	Moderate	19:48	4.1	Surface	1.0	-	-	29.4	29.4	7.9	7.9	23.9	23.9	79.5	79.5	5.3	5.3	6.6	7.4	4	4	820393	811641
						1.0	-	-	29.3		7.9		23.9		79.4		5.3		6.6		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.1	-	-	28.2	28.2	7.9	7.9	23.8	23.8	71.6	71.7	4.9	4.9	8.2		5			
						3.1	-	-	28.2		7.9		23.8		71.7		4.9		8.2		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 27 July 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	14:52	8.2	Surface	1.0	0.6	222	30.1	30.1	8.3	8.3	25.5	25.6	111.7	111.8	7.3	7.6	5.0	7.4	8	8	815606	804269
						1.0	0.6	235	30.1		8.3		25.6		111.9		7.5		5.0		7			
					Middle	4.1	0.5	196	29.2	29.2	8.4	8.4	28.6	28.7	119.6	119.4	7.8		5.8		9			
						4.1	0.5	198	29.1		8.3		28.8		119.1		7.7		5.7		8			
					Bottom	7.2	0.4	204	28.7	28.7	8.3	8.3	30.2	30.2	88.2	88.6	5.8	5.8	11.8		9			
						7.2	0.4	218	28.7		8.3		30.2		88.9		5.8		11.4		8			
C2	Misty	Calm	13:39	12.6	Surface	1.0	0.5	173	28.9	28.9	7.9	7.9	23.6	23.7	79.2	78.7	5.4	5.0	5.6	6.5	5	7	825692	806923
						1.0	0.6	185	28.8		7.9		23.7		78.2		5.3		5.6		6			
					Middle	6.3	0.5	165	28.5	28.5	7.9	7.9	24.8	24.8	69.8	69.8	4.7		6.2		7			
						6.3	0.6	174	28.5		7.9		24.8		69.7		4.7		6.2		7			
					Bottom	11.6	0.4	148	28.7	28.8	7.9	7.9	24.2	24.1	70.3	70.5	4.8	4.8	7.8		9			
						11.6	0.4	159	28.8		7.9		24.0		70.6		4.8		7.7		8			
C3	Misty	Calm	15:51	12.2	Surface	1.0	0.5	102	28.9	28.9	8.0	8.0	25.3	25.3	79.8	79.8	5.3	5.3	4.4	5.3	10	11	822105	817808
						1.0	0.6	102	28.9		8.0		25.3		79.8		5.3		4.4		9			
					Middle	6.1	0.4	93	28.9	28.9	8.0	8.0	25.4	25.4	79.8	79.9	5.3		5.3		11			
						6.1	0.4	95	28.9		8.0		25.4		79.9		5.4		5.3		12			
					Bottom	11.2	0.3	76	28.9	28.9	7.9	7.9	25.3	25.3	80.8	80.8	5.4	5.4	6.3		11			
						11.2	0.3	79	28.9		7.9		25.3		80.8		5.4		6.4		12			
IM1	Sunny	Moderate	14:31	5.2	Surface	1.0	0.1	240	30.0	30.1	8.2	8.2	25.6	25.5	94.2	94.5	6.2	6.2	7.4	10.0	8	7	817951	807118
						1.0	0.1	256	30.1		8.2		25.5		94.8		6.2		7.5		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.2	0.1	147	29.1	29.1	8.3	8.3	28.0	28.0	86.9	87.0	5.7	5.7	12.7		6			
						4.2	0.1	150	29.1		8.3		28.0		87.0		5.7		12.6		5			
IM2	Sunny	Moderate	14:23	7.2	Surface	1.0	0.2	188	29.9	29.6	8.3	8.3	26.1	26.7	98.0	96.4	6.4	6.3	6.3	9.2	6	7	818146	806180
						1.0	0.2	206	29.3		8.3		27.2		94.7		6.2		6.3		7			
					Middle	3.6	0.4	150	29.0	29.0	8.3	8.3	28.9	28.9	94.5	94.5	6.2		9.1		6			
						3.6	0.4	162	29.0		8.3		29.0		94.5		6.2		9.6		7			
					Bottom	6.2	0.2	139	28.9	28.9	8.3	8.3	29.2	29.2	87.3	87.4	5.7	5.7	11.8		9			
						6.2	0.2	148	28.9		8.3		29.2		87.4		5.7		11.8		8			
IM3	Sunny	Moderate	14:15	7.6	Surface	1.0	0.2	157	30.1	30.0	8.3	8.3	25.7	25.8	111.6	111.6	7.3	6.9	5.6	7.7	8	7	818764	805597
						1.0	0.2	166	29.9		8.3		26.0		111.5		7.3		5.9		7			
					Middle	3.8	0.3	135	29.1	29.1	8.3	8.3	28.5	28.5	99.5	99.5	6.5		6.3		8			
						3.8	0.3	148	29.1		8.3		28.5		99.4		6.5		6.4		7			
					Bottom	6.6	0.3	127	28.8	28.8	8.3	8.3	29.5	29.5	85.5	86.3	5.6	5.7	11.1		6			
						6.6	0.3	129	28.8		8.3		29.5		87.0		5.7		11.3		7			
IM4	Sunny	Moderate	14:06	9.0	Surface	1.0	0.5	186	29.3	29.3	8.2	8.2	27.4	27.4	85.5	85.6	5.6	5.7	6.8	10.0	8	9	819713	804630
						1.0	0.5	186	29.3		8.2		27.4		85.7		5.6		6.9		8			
					Middle	4.5	0.4	162	28.8	28.8	8.3	8.3	29.4	29.4	86.3	86.4	5.7		9.4		9			
						4.5	0.5	165	28.8		8.3		29.4		86.4		5.7		9.8		10			
					Bottom	8.0	0.3	143	28.8	28.8	8.2	8.2	29.7	29.7	81.6	81.7	5.4	5.4	13.5		9			
						8.0	0.3	151	28.8		8.2		29.7		81.7		5.4		13.5		10			
IM5	Sunny	Moderate	13:59	8.2	Surface	1.0	0.6	229	29.7	29.7	8.2	8.2	25.8	25.8	92.2	92.3	6.1	6.0	7.6	10.8	7	8	820754	804873
						1.0	0.6	247	29.7		8.2		25.8		92.3		6.1		7.5		6			
					Middle	4.1	0.5	197	29.2	29.2	8.3	8.3	27.9	28.0	89.4	89.4	5.9		9.4		9			
						4.1	0.5	214	29.1		8.3		28.0		89.4		5.9		10.0		8			
					Bottom	7.2	0.4	177	29.0	29.1	8.3	8.3	29.0	29.0	85.0	85.0	5.6	5.6	15.1		9			
						7.2	0.4	188	29.1		8.3		28.9		85.0		5.6		15.5		9			
IM6	Sunny	Moderate	13:51	8.1	Surface	1.0	0.3	237	29.7	29.7	8.2	8.2	25.6	25.6	92.6	92.7	6.1	6.0	7.4	10.1	8	8	821077	805841
						1.0	0.4	245	29.7		8.2		25.6		92.7		6.1		7.3		8			
					Middle	4.1	0.2	219	29.3	29.3	8.2	8.2	27.4	27.4	89.3	89.4	5.9		9.8		7			
						4.1	0.2	225	29.3		8.2		27.3		89.4		5.9		9.6		8			
					Bottom	7.1	0.3	149	29.1	29.2	8.3	8.3	28.1	28.1	86.4	86.6	5.7	5.7	13.2		7			
						7.1	0.3	149	29.2		8.3		28.1		86.7		5.7		13.0		7			
IM7	Sunny	Moderate	13:39	8.0	Surface	1.0	0.2	250	29.9	29.9	8.2	8.2	24.4	24.4	93.3	93.3	6.2	6.2	4.2	9.0	8	8	821354	806823
						1.0	0.2	252	29.9		8.2		24.4		93.3		6.2		4.2		8			
					Middle	4.0	0.1	241	29.7	29.7	8.2	8.2	25.5	25.5	92.7	92.8	6.1		7.9		8			
						4.0	0.1	255	29.7		8.2		25.5		92.8		6.1		7.9		8			
					Bottom	7.0	0.2	127	29.6	29.6	8.2	8.2	26.6	26.6	86.2	86.4	5.7	5.7	14.9		7			
						7.0	0.2	128	29.6		8.2		26.6		86.5		5.7		14.9		6			
IM8	Misty	Calm	13:59	8.2	Surface	1.0	0.1	73	29.1	29.1	7.9	7.9	23.8	23.9	80.3	80.3	5.4	5.5	5.7	6.6	10	9	821844	808129
						1.0	0.1	78	29.1		7.9		23.9		80.2		5.4		5.7		9			
					Middle	4.1	0.2	93	29.1	29.1	7.9	7.9	24.1	24.1	83.7	83.6	5.6		6.4		9			
						4.1	0.2	96	29.1		7.9		24.1		83.4		5.6		6.3		8			
					Bottom	7.2	0.2	78	29.1	29.1	7.9	7.9	23.9	23.8	82.2	82.0	5.5	5.5	7.8		8			
						7.2	0.2	82	29.1		7.9		23.8		81.7		5.5		7.8		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 27 July 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	Misty	Calm	14:04	7.2	Surface	1.0	0.2	106	28.9	28.9	7.9	7.9	23.9	23.9	78.2	78.0	5.3	5.2	6.1	7.2	8	9	822080	808802
						1.0	0.2	112	28.9		7.9		23.9		77.8		5.3		6.1		9			
					Middle	3.6	0.2	104	28.8	28.8	7.9	7.9	24.1	24.1	73.9	74.0	5.0		7.6		8			
						3.6	0.2	113	28.8		7.9		24.1		74.0		5.0		7.6		9			
					Bottom	6.2	0.2	109	28.9	28.9	7.9	7.9	24.1	24.1	74.3	74.4	5.0	5.0	8.0		9			
						6.2	0.2	111	28.9		7.9		24.1		74.4		5.0		8.0		8			
IM10	Misty	Calm	14:10	8.0	Surface	1.0	0.6	88	29.0	29.0	8.0	8.0	24.3	24.4	88.9	88.8	6.0	5.7	4.7	5.4	6	6	822373	809800
						1.0	0.6	89	29.0		8.0		24.5		88.6		6.0		4.6		6			
					Middle	4.0	0.7	101	28.8	28.8	8.0	8.0	24.8	24.8	78.8	78.6	5.3		5.4		6			
						4.0	0.7	102	28.8		8.0		24.8		78.4		5.3		5.4		5			
					Bottom	7.0	0.5	104	28.8	28.8	8.0	8.0	24.8	24.8	79.1	79.4	5.3	5.4	6.3		6			
						7.0	0.5	106	28.8		8.0		24.7		79.6		5.4		6.2		5			
IM11	Misty	Calm	14:18	8.8	Surface	1.0	0.8	110	29.5	29.5	8.0	8.0	23.5	23.6	97.8	97.5	6.6	6.1	5.3	6.3	6	6	822075	811480
						1.0	0.9	113	29.4		8.0		23.7		97.1		6.5		5.3		5			
					Middle	4.4	0.8	115	29.1	29.2	8.0	8.0	24.0	24.0	85.1	85.2	5.7		6.6		4			
						4.4	0.8	118	29.2		8.0		23.9		85.2		5.7		6.5		6			
					Bottom	7.8	0.7	109	29.4	29.5	8.0	8.0	23.6	23.6	85.9	86.1	5.8	5.8	7.3		7			
						7.8	0.7	115	29.5		8.0		23.6		86.2		5.8		7.2		6			
IM12	Misty	Calm	14:23	8.8	Surface	1.0	0.8	119	29.2	29.2	7.9	7.9	23.5	23.6	89.0	88.0	6.0	5.7	4.4	5.4	5	6	821435	812048
						1.0	0.8	123	29.2		7.9		23.6		87.0		5.9		4.4		5			
					Middle	4.4	0.6	109	29.1	29.1	7.9	7.9	23.7	23.7	80.2	80.2	5.4		5.1		6			
						4.4	0.6	110	29.1		7.9		23.7		80.1		5.4		5.1		6			
					Bottom	7.8	0.5	98	29.2	29.2	7.9	7.9	23.7	23.7	80.9	81.2	5.5	5.5	6.7		8			
						7.8	0.5	104	29.2		7.9		23.7		81.4		5.5		6.7		7			
SR1A	Misty	Calm	15:14	4.8	Surface	1.0	-	-	29.5	29.5	8.0	8.0	23.1	23.1	89.7	89.6	6.0	6.0	5.9	6.2	6	8	819971	812660
						1.0	-	-	29.5		8.0		23.1		89.5		6.0		5.9		6			
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.4	-	-	-		-		-		-		-		-		-			
					Bottom	3.8	-	-	29.5	29.5	8.0	8.0	23.2	23.2	85.4	87.2	5.7	5.9	6.5		9			
						3.8	-	-	29.5		8.0		23.2		88.9		6.0		6.5		11			
SR2	Misty	Calm	15:33	4.0	Surface	1.0	0.6	67	29.4	29.4	8.0	8.0	23.4	23.4	87.5	87.4	5.9	5.9	8.1	8.7	9	8	821461	814170
						1.0	0.7	71	29.4		8.0		23.4		87.3		5.9		8.2		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.0	0.3	67	29.5	29.5	8.0	8.0	23.2	23.2	85.1	85.6	5.7	5.8	9.3		8			
						3.0	0.4	71	29.5		8.0		23.2		86.1		5.8		9.3		7			
SR3	Misty	Calm	13:52	9.4	Surface	1.0	0.1	154	29.8	29.9	7.9	7.9	22.1	22.0	85.2	85.2	5.7	5.3	4.4	5.2	6	8	822155	807587
						1.0	0.1	168	30.0		7.9		21.9		85.2		5.7		4.4		7			
					Middle	4.7	0.2	145	28.6	28.6	7.9	7.9	24.4	24.4	71.2	71.1	4.8		5.1		8			
						4.7	0.2	147	28.6		7.9		24.4		71.0		4.8		5.1		9			
					Bottom	8.4	0.1	151	28.8	28.9	7.9	7.9	23.9	23.8	72.0	72.3	4.9	4.9	6.0		9			
						8.4	0.1	158	28.9		7.9		23.7		72.5		4.9		6.1		8			
SR4A	Sunny	Moderate	15:17	9.8	Surface	1.0	0.2	248	30.5	30.4	8.3	8.3	25.5	25.5	107.2	107.5	7.0	6.3	6.5	9.3	10	9	817199	807816
						1.0	0.2	271	30.3		8.3		25.5		107.7		7.0		6.3		11			
					Middle	4.9	0.1	268	29.3	29.3	8.2	8.2	27.4	27.4	84.3	84.4	5.6		8.2		8			
						4.9	0.1	281	29.3		8.2		27.4		84.4		5.6		8.2		9			
					Bottom	8.8	0.1	66	29.1	29.1	8.3	8.3	28.3	28.2	85.6	85.7	5.6	5.6	13.4		9			
						8.8	0.1	69	29.1		8.3		28.2		85.8		5.6		13.3		8			
SR5A	Sunny	Moderate	15:36	3.6	Surface	1.0	0.1	312	30.0	30.0	8.2	8.2	25.4	25.4	92.1	92.2	6.1	6.1	7.5	9.3	6	8	816591	810696
						1.0	0.1	317	30.0		8.2		25.4		92.2		6.1		7.3		7			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.6	0.1	306	30.1	30.2	8.2	8.2	25.4	25.4	94.3	94.3	6.2	6.2	11.2		9			
						2.6	0.1	318	30.2		8.2		25.4		94.2		6.2		11.2		8			
SR6A	Sunny	Moderate	16:03	4.2	Surface	1.0	0.0	235	30.2	30.2	8.3	8.3	24.2	24.2	93.1	93.1	6.1	6.1	6.8	8.6	9	9	817981	814747
						1.0	0.0	244	30.2		8.3		24.2		93.0		6.1		6.3		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	0.1	241	29.6	29.6	8.1	8.1	25.2	25.2	47.1	47.5	3.4	3.4	10.8		10			
						3.2	0.1	264	29.6		8.1		25.2		47.9		3.4		10.4		9			
SR7	Misty	Calm	16:15	14.0	Surface	1.0	0.1	252	28.9	28.9	8.0	8.0	25.3	25.3	80.0	80.0	5.4	5.4	6.2	7.3	8	10	823640	823726
						1.0	0.1	268	28.9		8.0		25.3		79.9		5.4		6.2		9			
					Middle	7.0	0.8	78	28.9	28.9	8.0	8.0	25.3	25.3	79.9	79.9	5.4		7.3		11			
						7.0	0.9	80	28.9		8.0		25.3		79.9		5.4		7.3		10			
					Bottom	13.0	0.3	80	28.9	28.9	8.0	8.0	25.3	25.3	80.0	80.0	5.4	5.4	8.3		11			
						13.0	0.3	82	28.9		8.0		25.3		80.0		5.4		8.3		11			
SR8	Misty	Calm	14:31	4.4	Surface	1.0	-	-	29.2	29.2	7.9	7.9	23.6	23.7	87.9	87.0	5.9	5.9	4.3	4.6	6	7	820380	811614
						1.0	-	-	29.1		7.9		23.7		86.0		5.8		4.2		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.4	-	-	29.3	29.4	8.0	8.0	23.5	23.4	79.5	79.9	5.3	5.4	5.0		8			
						3.4	-	-	29.4		8.0		23.3		80.3		5.4		5.0		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 27 July 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	09:01	8.4	Surface	1.0	0.5	33	29.4	29.5	8.3	8.3	25.5	25.4	94.0	94.1	6.2	6.0	6.0	8.0	5	6	815606	804231
						1.0	0.6	35	29.5		8.3		25.4		94.2		6.3		5.9		4			
					Middle	4.2	0.6	30	29.0	29.0	8.3	8.3	28.4	28.4	88.3	88.3	5.8		6.9		7			
						4.2	0.6	32	29.0		8.3		28.4		88.2		5.8		6.9		6			
					Bottom	7.4	0.6	36	28.9	29.0	8.3	8.3	29.3	29.3	87.9	88.0	5.8	5.8	11.3		7			
						7.4	0.6	37	29.0		8.3		29.3		88.1		5.8		11.0		7			
C2	Misty	Calm	09:28	12.2	Surface	1.0	0.5	339	29.0	29.0	7.9	7.9	22.0	22.0	80.4	80.3	5.5	5.5	3.3	4.2	5	5	825694	806954
						1.0	0.6	312	29.0		7.9		22.1		80.1		5.5		3.3		5			
					Middle	6.1	0.6	337	29.0	29.0	7.9	7.9	22.2	22.1	80.8	80.9	5.5		4.2		5			
						6.1	0.6	356	29.0		7.9		22.1		80.9		5.5		4.2		5			
					Bottom	11.2	0.5	338	29.1	29.1	7.9	7.9	21.8	21.8	81.3	81.5	5.5	5.6	5.4		5			
						11.2	0.6	346	29.1		7.9		21.8		81.6		5.6		5.1		5			
C3	Misty	Calm	07:39	11.8	Surface	1.0	0.5	283	29.0	29.0	7.9	7.9	23.3	23.3	78.4	78.2	5.3	5.1	3.9	4.4	5	5	822097	817783
						1.0	0.5	306	28.9		7.9		23.4		78.0		5.3		3.9		4			
					Middle	5.9	0.5	281	28.5	28.5	7.9	7.9	25.2	25.3	73.8	73.4	5.0		4.2		5			
						5.9	0.5	297	28.5		7.9		25.4		73.0		4.9		4.2		5			
					Bottom	10.8	0.5	289	28.7	28.7	7.9	7.9	25.9	25.8	72.4	74.3	4.9	5.0	5.1		5			
						10.8	0.5	293	28.7		7.9		25.8		76.2		5.1		4.9		5			
IM1	Sunny	Moderate	09:21	5.7	Surface	1.0	0.1	342	29.6	29.6	8.2	8.2	25.2	25.2	92.3	92.4	6.1	6.1	7.8	11.1	6	6	817926	807121
						1.0	0.1	349	29.6		8.2		25.2		92.4		6.1		7.7		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.7	0.1	1	29.5	29.5	8.1	8.1	26.0	26.0	88.4	88.5	5.8	5.9	14.7		6			
						4.7	0.1	1	29.5		8.1		25.9		88.5		5.9		14.4		6			
IM2	Sunny	Moderate	09:30	7.4	Surface	1.0	0.4	344	29.6	29.6	8.2	8.2	25.1	25.2	96.8	96.7	6.4	6.2	5.9	8.2	7	6	818185	806148
						1.0	0.4	355	29.6		8.2		25.2		96.6		6.4		5.8		6			
					Middle	3.7	0.4	356	29.6	29.6	8.2	8.2	25.4	25.4	90.4	90.5	6.0		5.7		7			
						3.7	0.4	328	29.6		8.2		25.4		90.6		6.0		5.8		6			
					Bottom	6.4	0.2	354	29.4	29.4	8.2	8.2	26.4	26.4	84.7	84.8	5.6	5.6	12.9		6			
						6.4	0.3	326	29.4		8.2		26.4		84.8		5.6		12.9		5			
IM3	Sunny	Moderate	09:37	7.8	Surface	1.0	0.5	336	29.6	29.6	8.2	8.2	25.1	25.1	92.5	92.5	6.1	5.9	5.5	7.7	5	5	818780	805604
						1.0	0.5	309	29.6		8.2		25.1		92.5		6.1		5.5		4			
					Middle	3.9	0.4	330	29.5	29.5	8.2	8.2	25.8	25.8	86.6	86.7	5.8		6.4		6			
						3.9	0.5	304	29.4		8.2		25.9		86.7		5.7		6.4		5			
					Bottom	6.8	0.3	316	29.3	29.3	8.2	8.2	26.7	26.7	85.1	85.1	5.6	5.6	11.3		5			
						6.8	0.3	332	29.3		8.2		26.7		85.0		5.6		11.1		6			
IM4	Sunny	Moderate	09:47	9.2	Surface	1.0	0.9	355	29.5	29.5	8.2	8.2	25.3	25.4	90.6	90.6	6.0	5.9	5.5	9.1	5	4	819714	804599
						1.0	0.9	327	29.5		8.2		25.4		90.6		6.0		5.5		4			
					Middle	4.6	0.8	349	29.3	29.3	8.2	8.2	26.6	26.6	86.2	86.2	5.7		8.4		5			
						4.6	0.8	321	29.3		8.2		26.6		86.2		5.7		8.2		4			
					Bottom	8.2	0.5	349	29.3	29.3	8.2	8.2	26.8	26.8	85.1	85.2	5.6	5.6	13.6		4			
						8.2	0.6	321	29.3		8.2		26.8		85.2		5.6		13.4		3			
IM5	Sunny	Moderate	09:54	7.6	Surface	1.0	1.0	10	29.5	29.5	8.2	8.2	25.5	25.5	90.7	90.7	6.0	5.9	4.4	8.7	4	5	820746	804879
						1.0	1.1	10	29.5		8.2		25.5		90.6		6.0		4.4		4			
					Middle	3.8	0.9	14	29.5	29.5	8.2	8.2	25.7	25.7	87.4	87.4	5.8		9.7		4			
						3.8	1.0	15	29.5		8.2		25.8		87.4		5.8		9.2		5			
					Bottom	6.6	0.7	18	29.5	29.5	8.2	8.2	25.8	25.8	87.2	87.3	5.8	5.8	12.3		6			
						6.6	0.8	18	29.5		8.2		25.8		87.3		5.8		12.5		6			
IM6	Sunny	Moderate	10:01	8.0	Surface	1.0	0.0	27	29.7	29.7	8.2	8.2	23.7	23.8	91.4	91.4	6.1	6.1	6.2	8.0	8	7	821039	805814
						1.0	0.0	29	29.7		8.2		23.8		91.3		6.1		6.3		7			
					Middle	4.0	0.2	49	29.6	29.6	8.2	8.2	24.4	24.4	89.8	89.9	6.0		7.2		6			
						4.0	0.2	52	29.6		8.2		24.4		89.9		6.0		7.4		7			
					Bottom	7.0	0.2	34	29.3	29.3	8.2	8.2	26.3	26.3	82.4	82.3	5.2	5.3	10.5		5			
						7.0	0.2	34	29.3		8.2		26.3		82.1		5.4		10.4		6			
IM7	Sunny	Moderate	10:10	9.4	Surface	1.0	0.1	180	29.7	29.7	8.2	8.2	23.3	23.2	90.1	90.1	6.0	5.9	5.4	9.0	3	4	821344	806824
						1.0	0.1	186	29.7		8.2		23.2		90.1		6.0		5.4		4			
					Middle	4.7	0.2	128	29.5	29.5	8.2	8.2	24.4	24.4	87.7	87.7	5.9		7.0		4			
						4.7	0.2	129	29.5		8.2		24.4		87.7		5.8		7.0		4			
					Bottom	8.4	0.2	89	29.3	29.3	8.2	8.2	26.8	26.7	81.1	81.1	5.3	5.4	14.3		5			
						8.4	0.2	92	29.3		8.2		26.7		81.0		5.4		14.7		4			
IM8	Misty	Calm	09:02	9.0	Surface	1.0	0.0	152	29.1	29.1	7.9	7.9	22.0	22.0	79.9	79.9	5.4	5.4	6.2	7.3	2	4	821850	808147
						1.0	0.0	154	29.1		7.9		22.0		79.8		5.4		6.1		2			
					Middle	4.5	0.0	172	29.1	29.1	7.9	7.9	22.1	22.1	78.9	78.8	5.4		7.1		3			
						4.5	0.0	186	29.0		7.9		22.2		78.7		5.4		7.1		5			
					Bottom	8.0	0.1	139	29.0	29.0	7.9	7.9	22.2	22.2	78.4	78.4	5.3	5.3	8.7		4			
						8.0	0.1	140	29.0		7.9		22.2		78.4		5.3		8.6		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 27 July 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	Calm	08:56	8.0	Surface	1.0	0.3	279	29.2	29.2	7.9	7.9	22.5	22.5	77.4	77.3	5.2	5.2	5.7	6.6	6	4	822093	808800
						1.0	0.3	293	29.2		7.9		22.5		77.2		5.2		5.7		5			
					Middle	4.0	0.3	274	29.1	29.1	7.9	7.9	22.7	22.7	76.2	76.3	5.2		6.4		4			
						4.0	0.3	289	29.1		7.9		22.7		76.4		5.2		6.5		3			
					Bottom	7.0	0.3	260	29.1	29.1	7.9	7.9	22.6	22.6	77.5	77.6	5.3	5.3	7.7		3			
						7.0	0.3	262	29.1		7.9		22.6		77.7		5.3		7.6		3			
IM10	Misty	Calm	08:50	8.2	Surface	1.0	0.8	321	29.1	29.1	7.9	7.9	22.3	22.4	80.3	80.3	5.5	5.3	5.1	6.6	5	5	822371	809793
						1.0	0.9	344	29.1		7.9		22.4		80.2		5.4		5.2		4			
					Middle	4.1	0.8	320	28.9	28.9	7.9	7.9	23.0	23.0	74.8	74.9	5.1		6.8		5			
						4.1	0.9	348	28.9		7.9		23.1		74.9		5.1		6.9		4			
					Bottom	7.2	0.7	309	29.0	29.0	7.9	7.9	23.0	23.0	76.2	76.4	5.2	5.2	7.9		4			
						7.2	0.7	327	29.0		7.9		23.0		76.6		5.2		7.9		5			
IM11	Misty	Calm	08:40	8.0	Surface	1.0	0.7	285	29.0	29.0	7.9	7.9	23.0	23.1	77.6	77.5	5.3	5.0	5.2	6.3	4	5	822056	811448
						1.0	0.7	305	29.0		7.9		23.1		77.4		5.2		5.2		5			
					Middle	4.0	0.6	286	28.8	28.8	7.9	7.9	23.8	23.9	70.7	70.5	4.8		6.4		4			
						4.0	0.6	309	28.7		7.9		24.1		70.2		4.8		6.4		5			
					Bottom	7.0	0.5	285	28.5	28.5	7.9	7.9	24.5	24.5	69.8	69.8	4.7	4.7	7.2		6			
						7.0	0.5	307	28.5		7.9		24.6		69.7		4.7		7.2		6			
IM12	Misty	Calm	08:34	9.2	Surface	1.0	0.7	271	29.0	29.0	7.9	7.9	22.1	22.1	80.4	80.2	5.5	5.4	6.0	7.6	7	6	821473	812059
						1.0	0.7	290	29.0		7.9		22.1		80.0		5.5		6.0		6			
					Middle	4.6	0.7	273	28.9	28.9	7.9	7.9	23.9	23.9	76.5	76.5	5.2		7.8		6			
						4.6	0.7	300	28.9		7.9		23.9		76.5		5.2		7.7		5			
					Bottom	8.2	0.5	271	29.0	29.0	7.9	7.9	23.6	23.6	77.7	77.9	5.3	5.3	8.9		6			
						8.2	0.6	295	29.0		7.9		23.6		78.1		5.3		8.9		5			
SR1A	Misty	Calm	08:11	5.0	Surface	1.0	-	-	29.0	29.0	7.9	7.9	23.1	23.1	76.6	76.3	5.2	5.2	7.3	7.8	8	7	819978	812656
						1.0	-	-	29.0		7.9		23.1		76.0		5.2		7.4		7			
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.5	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	-	-	29.0	29.0	7.9	7.9	22.9	22.8	77.8	78.0	5.3	5.3	8.3		6			
						4.0	-	-	29.0		7.9		22.7		78.1		5.3		8.3		8			
SR2	Misty	Calm	07:57	4.6	Surface	1.0	0.0	306	28.8	28.8	7.9	7.9	22.7	22.7	74.4	74.2	5.1	5.1	9.4	10.0	6	5	821455	814168
						1.0	0.0	334	28.8		7.9		22.7		73.9		5.0		9.4		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.6	0.1	300	28.9	28.9	7.9	7.9	24.3	24.3	73.7	74.1	5.0	5.0	10.6		5			
						3.6	0.1	313	28.9		7.9		24.2		74.5		5.0		10.3		4			
SR3	Misty	Calm	09:07	10.0	Surface	1.0	0.1	340	29.1	29.1	7.9	7.9	21.9	21.9	80.7	80.6	5.5	5.5	6.8	7.6	3	4	822151	807551
						1.0	0.1	313	29.0		7.9		22.0		80.4		5.5		6.8		2			
					Middle	5.0	0.1	294	29.0	29.0	7.9	7.9	22.2	22.2	80.5	80.5	5.5		7.8		4			
						5.0	0.1	308	29.0		7.9		22.2		80.5		5.5		7.5		4			
					Bottom	9.0	0.0	67	29.1	29.1	7.9	7.9	22.1	22.1	80.8	80.9	5.5	5.5	8.5		4			
						9.0	0.0	69	29.1		7.9		22.1		81.0		5.5		8.4		4			
SR4A	Fine	Moderate	08:37	8.6	Surface	1.0	0.1	205	29.6	29.6	8.2	8.2	25.1	25.1	88.3	88.3	5.9	5.9	7.7	8.3	9	8	817207	807801
						1.0	0.1	205	29.6		8.2		25.1		88.3		5.9		7.7		10			
					Middle	4.3	0.0	239	29.6	29.6	8.2	8.2	25.1	25.1	87.6	87.6	5.8		8.2		9			
						4.3	0.0	261	29.6		8.2		25.1		87.6		5.8		8.1		9			
					Bottom	7.6	0.1	50	29.6	29.6	8.2	8.2	25.3	25.3	86.7	86.8	5.7	5.7	9.1		6			
						7.6	0.1	50	29.6		8.2		25.3		86.8		5.7		9.1		6			
SR5A	Fine	Moderate	08:19	4.2	Surface	1.0	0.1	287	29.8	29.8	8.2	8.2	25.1	25.1	87.5	87.5	5.8	5.8	7.3	8.9	6	6	816569	810710
						1.0	0.1	313	29.8		8.2		25.1		87.5		5.8		7.5		7			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	0.1	289	29.8	29.8	8.2	8.2	25.1	25.1	88.4	88.7	5.8	5.9	10.5		5			
						3.2	0.1	317	29.8		8.2		25.1		89.0		5.9		10.2		6			
SR6A	Fine	Moderate	07:50	4.8	Surface	1.0	0.1	263	29.8	29.8	8.2	8.2	24.2	24.2	88.6	88.6	5.9	5.9	4.5	8.3	4	4	817984	814755
						1.0	0.1	265	29.8		8.2		24.2		88.5		5.9		4.5		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.8	0.0	192	29.7	29.7	8.1	8.1	25.2	25.2	80.6	80.7	5.3	5.3	12.2		4			
						3.8	0.0	194	29.7		8.1		25.2		80.7		5.3		12.3		4			
SR7	Misty	Calm	07:11	15.4	Surface	1.0	0.1	170	28.9	28.9	7.9	7.9	23.5	23.5	80.0	80.0	5.4	5.2	1.4	2.7	4	6	823627	823734
						1.0	0.1	176	28.9		7.9		23.5		80.0		5.4		1.5		4			
					Middle	7.7	0.1	205	28.3	28.3	8.0	8.0	25.8	25.9	72.8	72.9	4.9		2.9		6			
						7.7	0.1	205	28.3		8.0		25.9		72.9		4.9		2.9		5			
					Bottom	14.4	0.2	170	28.3	28.3	8.0	8.0	26.1	26.0	73.2	73.3	4.9	4.9	3.8		8			
						14.4	0.3	179	28.3		8.0		26.0		73.3		4.9		3.8		9			
SR8	Misty	Calm	08:28	5.0	Surface	1.0	-	-	28.8	28.8	7.9	7.9	24.0	24.1	73.1	72.9	4.9	4.9	7.7	8.0	7	7	820399	811642
						1.0	-	-	28.8		7.9		24.1		72.6		4.9		7.7		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.0	-	-	28.9	28.9	7.9	7.9	23.6	23.5	72.3	72.6	4.9	4.9	8.6		7			
						4.0	-	-	28.9		7.9		23.4		72.9		4.9		8.0		6			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 29 July 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	15:53	8.8	Surface	1.0	0.4	241	29.8	29.8	8.2	8.2	22.9	22.9	124.5	124.2	8.3	6.6	3.1	7.6	4	5	815638	804242
						1.0	0.4	261	29.8		8.3		22.9		123.8		8.3		3.2		3			
					Middle	4.4	0.2	220	27.9	27.9	8.0	8.0	29.2	29.2	73.2	73.2	4.9		8.2		5			
						4.4	0.2	234	27.9		8.0		29.2		73.1		4.9		9.1		6			
					Bottom	7.8	0.3	226	27.7	27.7	8.0	8.0	29.7	29.7	73.6	73.8	4.9	4.9	11.4		6			
						7.8	0.3	235	27.7		8.0		29.7		74.0		4.9		10.7		6			
C2	Rainy	Rough	14:52	11.3	Surface	1.0	0.4	156	30.1	30.1	8.2	8.2	23.4	23.4	104.0	104.0	6.9	6.4	4.8	7.3	6	6	825673	806944
						1.0	0.5	171	30.1		8.2		23.4		104.0		6.9		4.8		6			
					Middle	5.7	0.3	147	29.7	29.7	8.2	8.2	24.7	24.7	88.8	88.9	5.9		8.1		6			
						5.7	0.3	152	29.7		8.2		24.7		88.9		5.9		8.1		6			
					Bottom	10.3	0.2	142	29.6	29.6	8.2	8.2	25.0	25.0	88.1	88.2	5.8	5.9	9.0		6			
						10.3	0.2	152	29.6		8.2		25.0		88.2		5.9		9.0		6			
C3	Cloudy	Rough	17:04	11.6	Surface	1.0	0.2	126	29.3	29.3	8.2	8.2	26.8	26.8	89.7	89.6	5.9	5.7	5.8	6.9	5	7	822098	817793
						1.0	0.2	135	29.3		8.2		26.8		89.5		5.9		5.9		5			
					Middle	5.8	0.2	98	29.2	29.2	8.2	8.2	27.3	27.3	83.3	83.3	5.5		7.3		7			
						5.8	0.2	105	29.2		8.2		27.3		83.3		5.5		7.2		7			
					Bottom	10.6	0.3	60	28.6	28.6	8.2	8.2	29.3	29.3	71.1	71.1	4.7	4.7	7.7		9			
						10.6	0.4	65	28.6		8.2		29.3		71.1		4.7		7.7		9			
IM1	Cloudy	Moderate	15:33	5.2	Surface	1.0	0.1	177	28.9	28.9	8.0	8.0	24.7	24.6	88.1	89.4	5.9	6.0	5.1	9.0	8	7	817969	807130
						1.0	0.2	187	28.9		8.1		24.5		90.7		6.1		4.9		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.2	0.1	167	28.6	28.7	8.0	8.0	26.3	26.2	77.9	78.1	5.2	5.2	13.6		6			
						4.2	0.1	182	28.7		8.0		26.2		78.2		5.2		12.6		5			
IM2	Rainy	Moderate	15:26	7.1	Surface	1.0	0.2	184	28.9	28.9	8.1	8.1	24.8	24.7	93.8	94.0	6.3	5.6	5.6	10.7	6	6	818139	806163
						1.0	0.2	185	28.8		8.1		24.7		94.1		6.3		5.8		6			
					Middle	3.6	0.2	176	28.2	28.2	8.0	8.0	28.1	28.1	72.9	72.9	4.9		12.8		5			
						3.6	0.2	193	28.2		8.0		28.1		72.9		4.9		12.8		6			
					Bottom	6.1	0.2	122	28.1	28.1	8.0	8.0	28.4	28.4	74.0	74.1	4.9	4.9	13.5		5			
						6.1	0.2	122	28.1		8.0		28.4		74.1		4.9		13.6		5			
IM3	Rainy	Moderate	15:19	7.5	Surface	1.0	0.2	207	28.9	28.9	8.1	8.1	24.3	24.3	93.5	93.5	6.3	5.8	4.3	8.0	5	6	818779	805617
						1.0	0.2	223	28.8		8.1		24.3		93.5		6.3		4.4		4			
					Middle	3.8	0.3	143	28.2	28.2	8.0	8.0	27.9	27.9	78.4	78.4	5.2		5.3		5			
						3.8	0.3	154	28.2		8.0		28.0		78.3		5.2		5.3		5			
					Bottom	6.5	0.3	128	28.1	28.1	8.0	8.0	28.5	28.5	74.5	74.8	5.0	5.0	14.7		7			
						6.5	0.3	134	28.1		8.0		28.5		75.0		5.0		14.2		7			
IM4	Cloudy	Moderate	15:11	8.3	Surface	1.0	0.4	193	28.5	28.5	8.0	8.0	26.0	26.0	76.4	76.4	5.1	4.9	7.6	13.0	6	6	819706	804592
						1.0	0.4	211	28.5		8.0		26.0		76.4		5.1		8.2		5			
					Middle	4.2	0.3	166	28.1	28.1	8.0	8.0	28.3	28.3	70.5	70.5	4.7		14.2		6			
						4.2	0.3	181	28.1		8.0		28.3		70.4		4.7		14.6		6			
					Bottom	7.3	0.2	156	28.0	28.0	8.0	8.0	28.6	28.6	70.9	71.0	4.7	4.7	16.7		7			
						7.3	0.2	157	28.0		8.0		28.6		71.1		4.7		16.4		6			
IM5	Cloudy	Moderate	15:02	8.0	Surface	1.0	0.3	241	28.9	28.9	8.0	8.0	24.4	24.4	84.2	84.1	5.7	5.2	5.0	11.1	6	6	820733	804847
						1.0	0.3	259	28.9		8.0		24.4		83.9		5.7		5.1		7			
					Middle	4.0	0.2	217	28.3	28.3	8.0	8.0	27.5	27.5	71.0	70.9	4.7		10.9		6			
						4.0	0.2	230	28.3		8.0		27.5		70.7		4.7		11.6		5			
					Bottom	7.0	0.2	217	28.2	28.2	8.0	8.0	28.1	28.1	69.7	69.8	4.7	4.7	17.3		6			
						7.0	0.2	238	28.2		8.0		28.1		69.9		4.7		16.5		6			
IM6	Cloudy	Moderate	14:56	7.8	Surface	1.0	0.5	274	28.5	28.5	8.0	8.0	25.1	25.1	80.5	80.3	5.4	5.1	7.9	12.1	6	6	821075	805805
						1.0	0.5	284	28.5		8.0		25.0		80.1		5.4		8.2		6			
					Middle	3.9	0.2	235	28.2	28.2	8.0	8.0	27.8	27.8	69.8	69.7	4.7		12.4		6			
						3.9	0.2	235	28.2		8.0		27.9		69.6		4.7		13.4		6			
					Bottom	6.8	0.1	188	28.2	28.2	8.0	8.0	28.1	28.1	70.2	70.3	4.7	4.7	15.7		6			
						6.8	0.2	190	28.2		8.0		28.1		70.3		4.7		15.1		7			
IM7	Fine	Moderate	14:51	8.8	Surface	1.0	0.3	240	28.7	28.7	8.0	8.0	25.6	25.7	81.4	81.4	5.5	5.3	7.5	10.9	5	6	821340	806828
						1.0	0.3	242	28.6		8.0		25.8		81.3		5.5		7.7		6			
					Middle	4.4	0.1	265	28.3	28.3	8.0	8.0	27.4	27.4	74.1	74.2	5.0		12.4		5			
						4.4	0.1	266	28.3		8.0		27.4		74.3		5.0		12.7		6			
					Bottom	7.8	0.1	100	28.3	28.3	8.0	8.0	27.7	27.6	70.4	70.5	4.7	4.7	13.0		5			
						7.8	0.1	105	28.3		8.0		27.5		70.6		4.7		12.3		6			
IM8	Rainy	Rough	15:25	7.9	Surface	1.0	0.0	290	29.8	29.8	8.2	8.2	23.9	23.9	100.7	100.7	6.7	6.4	5.1	8.4	9	8	821827	808142
						1.0	0.0	310	29.8		8.2		23.9		100.7		6.7		5.1		10			
					Middle	4.0	0.2	175	29.6	29.6	8.2	8.2	25.6	25.6	90.1	90.1	6.0		9.9		7			
						4.0	0.2	191	29.6		8.2		25.6		90.1		6.0		9.9		7			
					Bottom	6.9	0.1	71	29.3	29.3	8.2	8.2	27.2	27.2	85.9	85.9	5.7	5.7	10.1		8			
						6.9	0.1	76	29.3		8.2		27.2		85.9		5.7		10.1		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 29 July 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	Cloudy	Rough	15:31	7.5	Surface	1.0	0.1	101	30.0	30.0	8.3	8.3	23.6	23.6	103.8	103.8	6.9	6.4	4.8	7.5	7	6	822101	808787
						1.0	0.1	107	30.0		8.3		23.6		103.8		6.9		4.8		7			
					Middle	3.8	0.2	118	29.6	29.6	8.2	8.2	25.2	25.2	88.6	88.6	5.9		8.1		7			
						3.8	0.3	119	29.6		8.2		25.2		88.6		5.9		8.1		6			
					Bottom	6.5	0.2	104	29.6	29.6	8.3	8.3	25.6	25.5	93.6	93.6	6.2	6.2	9.5		6			
						6.5	0.2	108	29.6		8.3		25.5		93.5		6.2		9.5		5			
IM10	Cloudy	Rough	15:37	7.7	Surface	1.0	0.7	122	30.0	30.0	8.3	8.3	23.8	23.8	106.8	106.8	7.1	6.6	4.8	7.3	7	6	822363	809806
						1.0	0.8	133	30.0		8.3		23.8		106.7		7.1		4.9		6			
					Middle	3.9	0.5	109	29.6	29.6	8.2	8.2	25.4	25.4	91.2	91.2	6.0		7.9		6			
						3.9	0.6	109	29.6		8.2		25.4		91.2		6.0		7.9		5			
					Bottom	6.7	0.4	102	29.6	29.6	8.3	8.3	25.6	25.6	92.4	92.4	6.1	6.1	9.1		6			
						6.7	0.5	102	29.6		8.3		25.6		92.4		6.1		9.1		4			
IM11	Cloudy	Rough	15:53	8.5	Surface	1.0	0.8	109	30.4	30.4	8.4	8.4	22.7	22.7	136.5	136.6	9.1	8.2	3.4	4.9	8	7	822051	811475
						1.0	0.8	112	30.4		8.4		22.7		136.6		9.1		3.5		7			
					Middle	4.3	0.8	105	30.1	30.1	8.3	8.3	24.2	24.1	110.0	110.0	7.3		4.3		8			
						4.3	0.8	110	30.1		8.3		24.1		110.0		7.3		4.2		8			
					Bottom	7.5	0.6	84	29.8	29.8	8.2	8.2	25.0	25.0	95.3	95.3	6.3	6.3	7.2		6			
						7.5	0.6	87	29.8		8.2		25.0		95.2		6.3		7.1		7			
IM12	Cloudy	Rough	15:58	9.5	Surface	1.0	0.5	102	30.5	30.5	8.3	8.3	22.8	22.8	133.0	133.0	8.8	7.2	3.6	8.0	8	9	821443	812064
						1.0	0.5	107	30.5		8.3		22.8		132.9		8.8		3.6		8			
					Middle	4.8	0.4	87	29.4	29.4	8.2	8.2	26.2	26.2	84.8	84.8	5.6		10.5		9			
						4.8	0.4	92	29.4		8.2		26.2		84.8		5.6		10.6		10			
					Bottom	8.5	0.2	61	29.3	29.3	8.2	8.2	26.7	26.7	76.7	76.7	5.1	5.1	9.8		11			
						8.5	0.2	61	29.3		8.2		26.7		76.7		5.1		9.8		10			
SR1A	Cloudy	Rough	16:30	5.3	Surface	1.0	-	-	29.9	29.9	8.3	8.3	24.1	24.1	106.9	106.9	7.1	7.1	4.8	6.4	8	9	819972	812656
						1.0	-	-	29.9		8.3		24.1		106.9		7.1		4.8		8			
					Middle	2.7	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.7	-	-	-		-		-		-		-		-		-			
					Bottom	4.3	-	-	29.6	29.6	8.2	8.2	26.1	26.1	79.0	79.2	5.2	5.2	7.9		10			
						4.3	-	-	29.6		8.2		26.1		79.4		5.2		7.9		9			
SR2	Cloudy	Rough	16:46	3.6	Surface	1.0	0.5	80	30.1	30.1	8.3	8.3	24.2	24.2	114.8	114.6	7.6	7.6	4.1	5.5	7	7	821483	814179
						1.0	0.5	80	30.1		8.3		24.3		114.3		7.6		4.1		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.6	0.3	68	29.7	29.7	8.2	8.2	25.6	25.6	90.4	90.4	6.0	6.0	6.9		6			
						2.6	0.3	70	29.7		8.2		25.6		90.4		6.0		6.9		7			
SR3	Rainy	Rough	15:14	8.1	Surface	1.0	0.1	284	30.0	30.0	8.2	8.2	23.6	23.6	100.5	100.5	6.7	6.3	5.5	7.1	5	6	822137	807550
						1.0	0.1	312	30.0		8.2		23.6		100.4		6.7		5.5		6			
					Middle	4.1	0.2	227	29.7	29.7	8.2	8.2	24.7	24.7	88.5	88.5	5.9		7.7		5			
						4.1	0.2	231	29.7		8.2		24.8		88.5		5.9		7.8		6			
					Bottom	7.1	0.1	93	29.7	29.7	8.2	8.2	24.8	24.8	88.3	88.3	5.9	5.9	8.1		6			
						7.1	0.1	101	29.7		8.2		24.8		88.3		5.9		8.1		6			
SR4A	Cloudy	Moderate	16:17	8.3	Surface	1.0	0.1	77	28.7	28.7	8.1	8.1	24.1	24.2	95.6	92.6	6.5	5.7	8.8	11.8	4	6	817167	807798
						1.0	0.1	82	28.6		8.1		24.3		89.6		6.1		9.6		5			
					Middle	4.2	0.1	85	28.4	28.4	8.0	8.0	27.3	27.3	75.4	75.4	5.0		13.1		5			
						4.2	0.1	86	28.4		8.0		27.3		75.4		5.0		13.4		6			
					Bottom	7.3	0.3	226	28.4	28.4	8.0	8.0	27.3	27.3	75.8	75.9	5.1	5.1	13.1		7			
						7.3	0.3	246	28.4		8.0		27.3		75.9		5.1		12.8		6			
SR5A	Cloudy	Moderate	16:33	3.6	Surface	1.0	0.1	4	29.3	29.3	8.0	8.0	23.4	23.4	83.2	83.2	5.6	5.6	8.6	11.4	4	5	816571	810709
						1.0	0.1	4	29.3		8.0		23.5		83.2		5.6		8.8		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.6	0.1	338	29.3	29.3	8.0	8.0	23.6	23.6	82.8	82.9	5.6	5.6	14.4		5			
						2.6	0.1	345	29.3		8.0		23.6		83.0		5.6		13.7		6			
SR6A	Cloudy	Moderate	17:03	4.3	Surface	1.0	0.1	10	29.6	29.6	7.9	7.9	23.1	23.0	81.9	81.9	5.5	5.5	8.6	10.1	7	8	817948	814736
						1.0	0.1	10	29.6		7.9		23.0		81.9		5.5		8.6		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.3	0.0	242	29.3	29.4	7.9	7.9	23.9	23.8	73.9	74.7	5.0	5.1	12.0		9			
						3.3	0.0	255	29.4		7.9		23.7		75.5		5.1		11.3		9			
SR7	Cloudy	Rough	17:28	19.6	Surface	1.0	1.1	79	29.5	29.5	8.3	8.3	25.9	25.9	99.4	99.4	6.6	5.9	4.2	5.3	4	4	823655	823763
						1.0	1.2	81	29.5		8.3		25.9		99.4		6.6		4.2		5			
					Middle	9.8	0.6	76	28.7	28.8	8.2	8.2	29.0	29.0	77.4	77.4	5.1		5.6		4			
						9.8	0.6	81	28.8		8.2		29.0		77.3		5.1		5.6		4			
					Bottom	18.6	0.0	7	28.4	28.4	8.2	8.2	30.0	30.0	73.0	73.0	4.8	4.8	6.0		2			
						18.6	0.0	7	28.4		8.2		30.0		73.0		4.8		6.1		4			
SR8	Cloudy	Rough	16:06	4.1	Surface	1.0	-	-	30.3	30.3	8.3	8.3	24.1	24.1	108.5	108.5	7.2	7.2	7.3	6.3	8	8	820370	811613
						1.0	-	-	30.3		8.3		24.1		108.4		7.2		7.4		8			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.1	-	-	30.2	30.2	8.2	8.2	25.0	25.0	100.8	100.8	6.6	6.6	5.3		9			
						3.1	-	-	30.2		8.2		25.0		100.8		6.6		5.3		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 29 July 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	10:34	8.7	Surface	1.0	0.6	44	28.6	28.6	8.1	8.1	25.6	25.6	85.7	85.7	5.8	5.3	4.2	9.9	3	3	815596	804253
						1.0	0.6	47	28.6		8.1		25.6		85.6		5.8		4.2		4			
					Middle	4.4	0.7	41	28.0	28.0	8.0	8.0	28.9	28.9	71.7	71.7	4.8		13.5		3			
						4.4	0.8	42	27.9		8.0		28.9		71.6		4.8		12.6		3			
					Bottom	7.7	0.5	36	27.9	27.9	8.0	8.0	29.1	29.1	72.1	72.3	4.8	4.8	12.6		2			
						7.7	0.5	36	27.9		8.0		29.1		72.4		4.8		12.1		3			
C2	Sunny	Moderate	11:03	13.1	Surface	1.0	0.4	337	30.3	30.3	8.2	8.2	23.3	23.3	98.3	98.3	6.5	6.3	4.1	6.1	4	3	825698	806956
						1.0	0.5	337	30.3		8.2		23.3		98.3		6.5		4.1		3			
					Middle	6.6	0.5	334	29.8	29.8	8.2	8.2	24.3	24.3	91.6	91.6	6.1		5.2		3			
						6.6	0.5	338	29.8		8.2		24.3		91.6		6.1		5.2		3			
					Bottom	12.1	0.4	357	29.7	29.7	8.2	8.2	24.7	24.7	88.5	88.6	5.9	5.9	9.0		3			
						12.1	0.4	328	29.7		8.2		24.7		88.6		5.9		9.0		3			
C3	Sunny	Moderate	09:05	12.4	Surface	1.0	0.4	278	29.7	29.7	8.2	8.2	25.0	25.0	95.2	95.2	6.3	6.1	4.0	5.2	3	3	822126	817807
						1.0	0.4	283	29.7		8.2		25.0		95.2		6.3		4.0		3			
					Middle	6.2	0.4	267	29.6	29.6	8.2	8.2	25.5	25.5	87.5	87.5	5.8		4.6		4			
						6.2	0.5	277	29.5		8.2		25.5		87.4		5.8		4.7		2			
					Bottom	11.4	0.4	282	28.6	28.6	8.2	8.2	29.6	29.6	74.6	74.6	4.9	4.9	7.0		2			
						11.4	0.4	306	28.6		8.2		29.6		74.6		4.9		7.0		2			
IM1	Cloudy	Moderate	10:54	5.5	Surface	1.0	0.1	97	29.2	29.2	8.1	8.1	22.8	22.8	101.8	101.5	6.9	6.9	4.6	5.7	6	6	817971	807120
						1.0	0.1	104	29.1		8.1		22.8		101.2		6.9		5.0		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.5	0.1	162	28.9	28.9	8.0	8.0	25.2	25.2	83.9	84.1	5.6	5.7	6.7		5			
						4.5	0.1	168	28.9		8.1		25.2		84.2		5.7		6.4		5			
IM2	Cloudy	Moderate	11:03	7.6	Surface	1.0	0.3	357	29.5	29.5	8.2	8.2	22.6	22.6	118.4	118.4	8.0	6.7	3.3	6.8	5	6	818143	806187
						1.0	0.3	328	29.5		8.2		22.6		118.4		8.0		3.3		5			
					Middle	3.8	0.3	0	28.8	28.8	8.0	8.0	25.1	25.1	80.2	80.2	5.4		6.4		4			
						3.8	0.3	0	28.8		8.0		25.1		80.1		5.4		6.4		5			
					Bottom	6.6	0.2	347	28.5	28.5	8.0	8.0	26.5	26.5	78.7	79.0	5.3	5.3	10.6		7			
						6.6	0.2	319	28.5		8.0		26.5		79.2		5.3		10.8		7			
IM3	Cloudy	Moderate	11:10	7.6	Surface	1.0	0.3	332	29.5	29.5	8.2	8.2	22.4	22.4	135.1	135.3	9.1	7.2	2.8	6.7	5	6	818764	805575
						1.0	0.3	353	29.5		8.2		22.4		135.5		9.1		2.8		4			
					Middle	3.8	0.3	340	28.8	28.8	8.0	8.0	25.3	25.3	78.3	78.4	5.3		7.1		7			
						3.8	0.4	313	28.8		8.0		25.2		78.5		5.3		6.8		7			
					Bottom	6.6	0.2	340	28.4	28.4	8.0	8.0	27.0	27.0	76.2	76.3	5.1	5.1	10.4		8			
						6.6	0.2	351	28.4		8.0		27.0		76.4		5.1		10.4		7			
IM4	Cloudy	Moderate	11:19	8.2	Surface	1.0	0.6	337	29.1	29.1	8.0	8.0	23.7	23.7	87.6	87.6	5.9	5.4	4.2	5.9	2	4	819739	804589
						1.0	0.6	347	29.1		8.0		23.7		87.6		5.9		4.2		3			
					Middle	4.1	0.6	347	28.4	28.4	8.0	8.0	27.2	27.2	73.7	73.7	4.9		5.8		3			
						4.1	0.6	319	28.4		8.0		27.2		73.7		4.9		5.1		2			
					Bottom	7.2	0.4	352	28.3	28.3	8.0	8.0	27.4	27.4	75.8	76.0	5.1	5.1	8.0		4			
						7.2	0.4	324	28.3		8.0		27.4		76.1		5.1		8.0		7			
IM5	Cloudy	Moderate	11:25	7.6	Surface	1.0	0.9	2	29.1	29.1	8.1	8.1	23.0	23.1	100.9	100.8	6.8	5.9	3.8	8.2	4	3	820745	804868
						1.0	0.9	2	29.1		8.1		23.1		100.6		6.8		3.8		3			
					Middle	3.8	0.8	10	28.5	28.5	8.0	8.0	26.6	26.7	72.4	72.4	4.9		9.9		4			
						3.8	0.8	10	28.5		8.0		26.7		72.4		4.9		10.6		3			
					Bottom	6.6	0.5	28	28.5	28.5	8.0	8.0	26.9	26.9	72.9	73.0	4.9	4.9	10.8		3			
						6.6	0.6	29	28.5		8.0		26.9		73.0		4.9		10.5		3			
IM6	Cloudy	Moderate	11:32	8.2	Surface	1.0	0.1	273	29.3	29.3	8.1	8.1	22.5	22.5	102.2	102.1	6.9	6.3	3.7	7.8	5	4	821037	805841
						1.0	0.1	279	29.3		8.1		22.5		102.0		6.9		3.7		4			
					Middle	4.1	0.1	36	28.9	28.9	8.0	8.0	24.8	24.8	83.4	83.3	5.6		7.8		4			
						4.1	0.1	36	28.9		8.0		24.9		83.1		5.6		7.8		4			
					Bottom	7.2	0.2	60	28.8	28.8	8.0	8.0	25.3	25.3	83.3	83.4	5.6	5.6	12.1		4			
						7.2	0.2	65	28.8		8.0		25.3		83.5		5.6		12.0		4			
IM7	Cloudy	Moderate	11:40	8.4	Surface	1.0	0.1	194	29.6	29.6	8.0	8.0	21.6	21.7	98.1	98.0	6.6	6.3	3.6	8.7	5	5	821327	806851
						1.0	0.1	200	29.5		8.0		21.7		97.9		6.6		3.8		6			
					Middle	4.2	0.2	156	29.0	29.0	8.0	8.0	23.0	23.0	88.7	88.7	6.0		6.6		5			
						4.2	0.2	163	29.0		8.0		23.0		88.6		6.0		6.7		4			
					Bottom	7.4	0.1	89	28.7	28.7	8.0	8.0	25.6	25.6	79.4	79.4	5.3	5.3	14.9		4			
						7.4	0.1	89	28.7		8.0		25.6		79.3		5.3		16.9		4			
IM8	Sunny	Moderate	10:39	8.5	Surface	1.0	0.0	35	30.2	30.2	8.3	8.3	21.9	21.9	107.0	107.0	7.2	6.7	3.9	5.1	9	7	821838	808157
						1.0	0.0	38	30.2		8.3		21.9		106.9		7.1		3.9		8			
					Middle	4.3	0.0	230	29.9	29.9	8.2	8.2	23.6	23.7	93.6	93.6	6.2		4.7		8			
						4.3	0.0	245	29.9		8.2		23.7		93.5		6.2		4.7		7			
					Bottom	7.5	0.1	211	29.8	29.8	8.2	8.2	24.1	24.1	87.8	87.8	5.8	5.8	6.7		6			
						7.5	0.1	211	29.8		8.2		24.1		87.8		5.8		6.7		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 29 July 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	10:32	8.4	Surface	1.0	0.3	283	30.0	30.0	8.2	8.2	24.0	24.0	91.5	91.5	6.1	5.9	7.6	9.9	7	8	822108	808799
						1.0	0.3	293	30.0		8.2		24.0		91.5		6.1		7.6		6			
					Middle	4.2	0.2	254	29.8	29.8	8.2	8.2	24.4	24.4	86.1	86.1	5.7		10.3		8			
						4.2	0.2	270	29.8		8.2		24.4		86.0		5.7		10.4		9			
					Bottom	7.4	0.2	258	29.8	29.8	8.2	8.2	24.6	24.6	84.5	84.5	5.6	5.6	11.6		10			
						7.4	0.2	261	29.8		8.2		24.6		84.5		5.6		11.7		10			
IM10	Sunny	Moderate	10:26	8.3	Surface	1.0	0.8	305	29.9	29.9	8.2	8.2	23.7	23.7	98.0	98.0	6.5	6.2	4.0	6.2	7	6	822378	809798
						1.0	0.8	326	29.9		8.2		23.7		98.0		6.5		4.0		8			
					Middle	4.2	0.7	300	29.7	29.7	8.2	8.2	24.6	24.6	87.5	87.5	5.8		5.8		6			
						4.2	0.7	313	29.7		8.2		24.6		87.5		5.8		5.8		6			
					Bottom	7.3	0.5	292	29.6	29.6	8.2	8.2	25.6	25.6	80.8	80.9	5.3	5.4	8.9		4			
						7.3	0.5	312	29.6		8.2		25.6		80.9		5.4		8.9		4			
IM11	Sunny	Moderate	10:17	8.1	Surface	1.0	0.6	304	29.9	29.9	8.3	8.3	23.9	23.9	104.2	104.2	6.9	6.4	4.4	7.3	5	6	822050	811474
						1.0	0.6	310	29.9		8.3		23.9		104.1		6.9		4.4		5			
					Middle	4.1	0.6	301	29.8	29.8	8.2	8.2	24.8	24.8	87.2	87.1	5.8		4.8		5			
						4.1	0.6	317	29.8		8.2		24.8		87.0		5.8		4.8		5			
					Bottom	7.1	0.3	295	29.2	29.2	8.2	8.2	27.2	27.2	75.5	75.6	5.0	5.0	12.8		7			
						7.1	0.4	316	29.2		8.2		27.2		75.6		5.0		12.7		7			
IM12	Sunny	Moderate	10:10	7.9	Surface	1.0	0.6	301	29.8	29.8	8.2	8.2	24.2	24.2	97.9	98.0	6.5	6.1	4.0	5.7	10	8	821440	812056
						1.0	0.7	330	29.8		8.2		24.2		98.0		6.5		4.0		9			
					Middle	4.0	0.6	299	29.6	29.6	8.2	8.2	25.6	25.6	85.2	85.2	5.6		7.0		9			
						4.0	0.7	320	29.6		8.2		25.6		85.2		5.6		7.0		9			
					Bottom	6.9	0.5	308	29.5	29.5	8.2	8.2	26.1	26.1	82.3	82.3	5.4	5.4	6.2		7			
						6.9	0.5	322	29.5		8.2		26.1		82.3		5.4		6.2		6			
SR1A	Sunny	Moderate	09:38	4.5	Surface	1.0	-	-	29.9	29.9	8.2	8.2	24.2	24.2	93.6	93.6	6.2	6.2	4.2	4.9	7	8	819974	812656
						1.0	-	-	29.9		8.2		24.2		93.6		6.2		4.1		6			
					Middle	2.3	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.3	-	-	-		-		-		-		-		-		-			
					Bottom	3.5	-	-	29.8	29.8	8.2	8.2	24.4	24.4	88.6	88.6	5.9	5.9	5.5		9			
						3.5	-	-	29.8		8.2		24.4		88.6		5.9		5.5		8			
SR2	Sunny	Moderate	09:23	4.6	Surface	1.0	0.0	191	29.8	29.8	8.2	8.2	24.4	24.4	95.9	95.9	6.4	6.4	4.7	6.3	3	5	821459	814168
						1.0	0.0	206	29.8		8.2		24.4		95.9		6.4		4.7		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.6	0.0	35	29.5	29.5	8.2	8.2	26.2	26.2	82.7	82.7	5.5	5.5	7.9		6			
						3.6	0.0	37	29.5		8.2		26.2		82.7		5.5		7.9		5			
SR3	Sunny	Moderate	10:45	9.1	Surface	1.0	0.1	325	29.9	29.9	8.2	8.2	23.6	23.6	97.0	97.0	6.5	6.4	5.7	7.3	3	4	822148	807578
						1.0	0.1	349	29.9		8.2		23.6		97.0		6.5		5.7		3			
					Middle	4.6	0.1	349	29.8	29.8	8.2	8.2	24.0	24.0	94.1	94.1	6.3		6.8		4			
						4.6	0.1	321	29.8		8.2		24.0		94.1		6.3		6.9		3			
					Bottom	8.1	0.1	66	29.7	29.7	8.2	8.2	24.3	24.3	91.8	91.9	6.1	6.1	9.4		5			
						8.1	0.1	66	29.7		8.2		24.3		91.9		6.1		9.3		6			
SR4A	Cloudy	Moderate	10:11	9.1	Surface	1.0	0.0	43	29.2	29.2	8.0	8.0	22.8	22.8	86.8	86.8	5.9	5.6	5.3	8.8	7	8	817188	807815
						1.0	0.0	44	29.2		8.0		22.8		86.7		5.9		5.3		7			
					Middle	4.6	0.1	90	28.8	28.8	8.0	8.0	24.5	24.5	78.9	78.9	5.3		6.6		9			
						4.6	0.1	93	28.8		8.0		24.5		78.8		5.3		6.6		9			
					Bottom	8.1	0.3	72	28.5	28.5	8.0	8.0	26.5	26.5	73.7	73.8	4.9	4.9	14.3		9			
						8.1	0.3	72	28.5		8.0		26.5		73.8		4.9		14.5		8			
SR5A	Cloudy	Moderate	09:51	3.7	Surface	1.0	0.1	284	29.4	29.4	8.0	8.0	23.6	23.6	81.5	81.6	5.5	5.5	6.3	7.2	9	10	816583	810701
						1.0	0.2	301	29.4		8.0		23.6		81.6		5.5		6.3		10			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.7	0.1	300	29.3	29.4	8.0	8.0	23.6	23.6	82.5	82.7	5.5	5.6	8.1		11			
						2.7	0.1	310	29.4		8.0		23.6		82.8		5.6		8.0		10			
SR6A	Cloudy	Moderate	09:23	4.9	Surface	1.0	0.1	189	29.4	29.4	8.0	8.0	23.4	23.4	84.6	84.6	5.7	5.7	4.7	5.2	6	6	817945	814719
						1.0	0.1	194	29.3		8.0		23.5		84.5		5.7		4.8		7			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.9	0.1	219	29.3	29.3	8.0	8.0	23.5	23.5	83.3	83.3	5.6	5.6	5.5		6			
						3.9	0.1	225	29.3		8.0		23.5		83.3		5.6		5.6		5			
SR7	Sunny	Moderate	08:37	18.9	Surface	1.0	0.0	269	29.6	29.6	8.2	8.2	25.4	25.4	94.2	94.2	6.2	5.9	3.6	4.0	4	4	823655	823762
						1.0	0.0	292	29.6		8.2		25.4		94.2		6.2		3.6		4			
					Middle	9.5	0.3	202	29.2	29.2	8.2	8.2	26.9	26.9	84.8	84.8	5.6		4.0		3			
						9.5	0.3	204	29.2		8.2		27.0		84.8		5.6		4.0		4			
					Bottom	17.9	0.1	169	28.8	28.8	8.2	8.2	28.6	28.6	77.4	77.4	5.1	5.1	4.4		4			
						17.9	0.1	177	28.8		8.2		28.6		77.4		5.1		4.4		4			
SR8	Sunny	Moderate	10:01	4.2	Surface	1.0	-	-	29.9	29.9	8.2	8.2	23.6	23.6	100.8	100.8	6.7	6.7	4.8	4.9	6	6	820383	811633
						1.0	-	-	29.9		8.2		23.6		100.8		6.7		4.8		7			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	29.9	29.9	8.2	8.2	23.7	23.7	98.3	98.3	6.5	6.5	5.0		5			
						3.2	-	-	29.9		8.2		23.7		98.3		6.5		5.0		6			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 31 July 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	Rainy	Rough	17:19	8.6	Surface	1.0	0.2	257	29.5	29.5	8.1	8.1	19.5	19.5	152.2	151.7	10.4	7.0	3.2	7.0	8	11	815629	804245
						1.0	0.2	282	29.5		8.1		19.5		151.2		10.4		3.4		9			
					Middle	4.3	0.1	200	27.2	27.2	8.1	8.0	23.7	23.8	53.1	53.1	3.6		7.6		11			
						4.3	0.1	218	27.1		7.9		24.0		53.0		3.6		8.2		11			
					Bottom	7.6	0.1	167	27.1	27.1	7.9	7.9	30.1	30.1	58.0	61.3	3.9	4.1	9.9		13			
						7.6	0.1	175	27.1		7.9		30.1		64.6		4.3		9.7		12			
C2	Cloudy	Rough	16:07	9.1	Surface	1.0	0.3	58	30.2	30.2	8.1	8.1	20.6	20.6	135.7	135.7	9.1	7.9	4.3	4.0	4	5	825695	806960
						1.0	0.3	60	30.2		8.1		20.6		135.7		9.1		4.2		5			
					Middle	4.6	0.0	309	29.7	29.7	8.2	8.2	23.4	23.4	99.3	99.4	6.6		3.7		5			
						4.6	0.0	320	29.7		8.2		23.4		99.4		6.6		3.7		4			
					Bottom	8.1	0.3	111	29.7	29.7	8.2	8.2	23.8	23.8	95.9	95.8	6.4	6.4	3.9		6			
						8.1	0.3	118	29.7		8.2		23.8		95.7		6.4		4.0		6			
C3	Cloudy	Rough	18:05	9.8	Surface	1.0	0.5	55	29.7	29.7	8.4	8.4	24.2	24.2	130.1	130.1	8.7	8.5	3.6	3.8	7	6	822129	817791
						1.0	0.5	56	29.7		8.4		24.2		130.0		8.7		3.5		6			
					Middle	4.9	0.2	80	29.7	29.7	8.4	8.4	24.4	24.4	124.5	124.5	8.3		3.7		6			
						4.9	0.2	86	29.7		8.4		24.4		124.4		8.3		3.7		5			
					Bottom	8.8	0.2	34	29.2	29.2	8.3	8.3	26.1	26.1	99.4	99.4	6.6	6.6	4.3		5			
						8.8	0.2	35	29.2		8.3		26.1		99.4		6.6		4.3		4			
IM1	Rainy	Rough	16:59	4.9	Surface	1.0	0.1	210	30.0	30.0	8.1	8.1	18.3	18.3	184.7	184.2	12.6	12.6	9.2	11.8	6	5	817972	807134
						1.0	0.1	229	30.0		8.1		18.4		183.7		12.6		10.1		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.9	0.2	209	29.9	29.9	8.1	8.1	18.6	18.6	164.9	164.7	11.3	11.3	14.1		5			
						3.9	0.2	219	29.9		8.1		18.6		164.4		11.2		13.9		5			
IM2	Rainy	Rough	16:51	7.0	Surface	1.0	0.1	126	29.4	29.4	8.4	8.4	19.3	19.4	154.6	153.7	10.6	10.2	3.5	7.5	7	6	818181	806160
						1.0	0.1	127	29.4		8.4		19.4		152.7		10.5		3.4		8			
					Middle	3.5	0.1	134	29.4	29.4	8.4	8.4	19.9	19.9	142.7	142.8	9.8		6.7		6			
						3.5	0.1	145	29.4		8.4		19.9		142.8		9.8		7.4		6			
					Bottom	6.0	0.2	167	29.5	29.5	8.4	8.4	20.3	20.4	146.3	144.5	10.0	9.9	11.8		5			
						6.0	0.2	177	29.4		8.4		20.5		142.6		9.7		12.4		6			
IM3	Rainy	Rough	16:43	6.9	Surface	1.0	0.1	99	29.4	29.4	8.4	8.4	19.7	19.7	148.3	147.9	10.2	9.5	4.1	6.0	7	6	818771	805607
						1.0	0.1	105	29.4		8.4		19.7		147.5		10.1		4.0		8			
					Middle	3.5	0.1	136	29.1	29.1	8.3	8.3	19.9	19.9	128.9	128.7	8.9		2.5		7			
						3.5	0.1	136	29.1		8.3		19.9		128.4		8.8		2.5		6			
					Bottom	5.9	0.1	126	29.1	29.1	8.3	8.2	20.3	21.4	117.5	116.8	8.1	8.0	11.9		4			
						5.9	0.1	129	29.0		8.2		22.6		116.0		7.9		11.1		3			
IM4	Rainy	Rough	16:34	8.6	Surface	1.0	0.1	40	29.2	29.2	8.4	8.4	19.0	19.0	145.2	143.1	10.0	8.5	3.2	5.5	6	5	819735	804609
						1.0	0.1	40	29.2		8.4		19.1		141.0		9.7		3.3		7			
					Middle	4.3	0.1	177	28.8	28.8	8.1	8.1	21.8	21.8	104.1	103.7	7.1		5.6		6			
						4.3	0.1	187	28.8		8.1		21.9		103.3		7.1		5.8		5			
					Bottom	7.6	0.1	123	28.7	28.7	8.1	8.1	23.6	23.6	88.4	88.4	6.0	6.0	7.7		4			
						7.6	0.1	131	28.7		8.1		23.7		88.4		6.0		7.7		4			
IM5	Rainy	Rough	16:25	7.6	Surface	1.0	0.1	349	29.6	29.6	8.4	8.4	18.8	18.8	145.6	145.4	10.0	9.3	2.5	6.8	6	5	820750	804859
						1.0	0.1	359	29.6		8.4		18.8		145.1		10.0		2.5		5			
					Middle	3.8	0.1	244	29.1	29.1	8.3	8.3	20.4	20.4	125.7	124.5	8.6		5.3		4			
						3.8	0.1	259	29.0		8.3		20.4		123.3		8.5		5.7		6			
					Bottom	6.6	0.1	212	28.6	28.6	8.0	8.0	24.5	24.6	83.6	84.6	5.7	5.8	12.3		4			
						6.6	0.1	223	28.6		8.0		24.7		85.6		5.8		12.7		5			
IM6	Rainy	Rough	16:16	7.5	Surface	1.0	0.3	312	29.5	29.5	8.3	8.3	20.5	20.5	135.9	135.8	9.3	7.8	4.0	8.9	6	5	821045	805814
						1.0	0.3	323	29.5		8.3		20.5		135.7		9.3		4.0		7			
					Middle	3.8	0.3	308	28.7	28.7	8.1	8.1	23.3	23.3	91.4	91.4	6.2		10.9		5			
						3.8	0.3	319	28.7		8.1		23.3		91.4		6.2		10.9		5			
					Bottom	6.5	0.2	341	28.5	28.5	8.0	8.0	25.0	25.0	71.7	72.2	4.8	4.9	11.8		4			
						6.5	0.2	314	28.5		8.0		24.9		72.6		4.9		11.7		4			
IM7	Rainy	Rough	16:06	7.6	Surface	1.0	0.1	231	29.8	29.8	8.4	8.4	19.8	19.8	160.1	160.0	10.9	9.4	4.2	9.9	6	6	821337	806820
						1.0	0.1	239	29.8		8.4		19.9		159.9		10.9		4.2		7			
					Middle	3.8	0.2	154	29.2	29.2	8.3	8.3	21.4	21.4	117.0	116.4	8.0		9.9		6			
						3.8	0.2	164	29.1		8.3		21.4		115.8		7.9		10.6		7			
					Bottom	6.6	0.1	130	28.8	28.8	8.0	8.0	24.3	24.3	75.7	75.8	5.1	5.1	15.2		6			
						6.6	0.1	139	28.7		8.0		24.4		75.8		5.1		15.2		6			
IM8	Cloudy	Rough	16:35	7.6	Surface	1.0	0.5	68	30.5	30.5	8.1	8.1	19.7	19.7	165.3	165.3	11.1	9.5	4.5	6.2	5	4	821840	808116
						1.0	0.5	69	30.5		8.1		19.7		165.3		11.1		4.5		5			
					Middle	3.8	0.5	62	29.8	29.8	8.4	8.4	22.5	22.5	116.1	116.1	7.8		5.4		5			
						3.8	0.5	66	29.8		8.4		22.5		116.1		7.8		5.5		4			
					Bottom	6.6	0.4	56	29.6	29.6	8.2	8.2	24.4	24.4	90.0	89.9	6.0	6.0	8.6		3			
						6.6	0.5	57	29.6		8.2		24.4		89.8		6.0		8.6		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 31 July 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	Cloudy	Rough	16:40	7.5	Surface	1.0	0.4	61	30.3	30.3	8.1	8.1	20.3	20.3	153.5	153.6	10.3	9.7	3.6	3.7	4	4	822073	808828
						1.0	0.5	61	30.3		8.1		20.3		153.6		10.3		3.6		4			
					Middle	3.8	0.4	77	30.0	30.0	8.1	8.1	21.3	21.3	134.1	134.1	9.0		3.5		4			
						3.8	0.4	81	30.0		8.1		21.3		134.1		9.0		3.5		3			
					Bottom	6.5	0.3	53	29.7	29.7	8.3	8.3	23.0	23.0	102.6	102.5	6.9	6.9	4.1		4			
						6.5	0.3	58	29.7		8.3		23.0		102.4		6.9		4.1		3			
IM10	Cloudy	Rough	16:48	7.9	Surface	1.0	0.6	60	30.3	30.3	8.1	8.1	20.1	20.1	157.9	157.9	10.6	10.2	3.6	4.3	5	4	822393	809793
						1.0	0.6	64	30.3		8.1		20.1		157.9		10.6		3.6		4			
					Middle	4.0	0.5	75	30.2	30.2	8.1	8.1	20.5	20.5	145.7	145.7	9.8		3.5		4			
						4.0	0.5	82	30.2		8.1		20.4		145.7		9.8		3.5		6			
					Bottom	6.9	0.5	69	29.7	29.7	8.4	8.4	23.0	23.0	108.6	108.6	7.3	7.3	5.9		3			
						6.9	0.5	71	29.7		8.4		23.1		108.6		7.3		5.9		4			
IM11	Cloudy	Rough	16:58	8.1	Surface	1.0	0.7	89	30.2	30.2	8.1	8.1	20.6	20.6	166.5	166.5	11.2	9.5	3.7	3.8	4	4	822039	811470
						1.0	0.8	89	30.2		8.1		20.6		166.4		11.2		3.7		4			
					Middle	4.1	0.5	91	29.6	29.6	8.4	8.4	23.6	23.6	116.5	116.5	7.8		3.5		4			
						4.1	0.5	94	29.6		8.4		23.6		116.4		7.8		3.5		3			
					Bottom	7.1	0.3	72	29.3	29.3	8.3	8.3	25.4	25.4	100.0	97.6	6.7	6.5	4.2		3			
						7.1	0.3	73	29.3		8.3		25.5		95.2		6.3		4.3		3			
IM12	Cloudy	Rough	17:04	7.7	Surface	1.0	0.6	109	30.2	30.2	8.1	8.1	20.8	20.8	169.3	169.3	11.4	10.7	4.0	4.1	6	5	821481	812029
						1.0	0.6	111	30.2		8.1		20.8		169.3		11.4		4.0		5			
					Middle	3.9	0.4	99	30.1	30.1	8.1	8.1	21.8	21.8	147.2	147.3	9.9		3.9		5			
						3.9	0.4	101	30.1		8.1		21.8		147.3		9.9		3.9		6			
					Bottom	6.7	0.3	72	29.4	29.4	8.4	8.3	25.0	25.1	111.7	111.7	7.4	7.4	4.3		6			
						6.7	0.3	78	29.4		8.3		25.1		111.7		7.4		4.3		4			
SR1A	Cloudy	Rough	17:33	4.2	Surface	1.0	-	-	30.3	30.3	8.1	8.1	22.4	22.4	169.4	169.4	11.3	11.3	4.2	4.8	6	6	819975	812653
						1.0	-	-	30.3		8.1		22.4		169.4		11.3		4.2		5			
					Middle	2.1	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.1	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	29.4	29.4	8.3	8.3	25.2	25.2	93.6	93.6	6.2	6.2	5.5		6			
						3.2	-	-	29.4		8.3		25.2		93.6		6.2		5.5		6			
SR2	Cloudy	Rough	17:46	3.8	Surface	1.0	0.2	77	30.1	30.1	8.1	8.1	21.1	21.0	161.4	161.4	10.8	10.9	3.7	3.7	3	4	821482	814152
						1.0	0.2	78	30.1		8.1		21.0		161.4		10.9		3.7		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.8	0.3	65	30.1	30.1	8.1	8.1	21.3	21.4	157.9	157.9	10.6	10.6	3.7		5			
						2.8	0.3	68	30.1		8.1		21.4		157.9		10.6		3.7		4			
SR3	Cloudy	Rough	16:27	8.9	Surface	1.0	0.2	73	30.2	30.2	8.1	8.1	20.6	20.6	134.2	134.0	9.0	7.8	4.1	4.2	4	5	822132	807584
						1.0	0.2	75	30.2		8.1		20.6		133.8		9.0		4.1		5			
					Middle	4.5	0.2	139	29.7	29.7	8.3	8.3	23.5	23.5	98.8	98.9	6.6		3.8		5			
						4.5	0.2	147	29.7		8.3		23.4		98.9		6.6		3.7		4			
					Bottom	7.9	0.2	100	29.6	29.6	8.2	8.2	24.2	24.2	94.3	94.2	6.3	6.3	4.8		6			
						7.9	0.2	101	29.6		8.2		24.2		94.1		6.3		5.0		5			
SR4A	Rainy	Moderate	17:41	8.9	Surface	1.0	0.2	61	29.9	29.9	8.1	8.1	18.0	18.0	175.4	174.6	12.1	10.2	4.8	7.3	9	10	817170	807807
						1.0	0.2	65	29.8		8.1		18.0		173.8		12.0		5.2		9			
					Middle	4.5	0.1	55	28.9	28.9	8.3	8.3	20.8	20.8	122.0	120.9	8.4		7.7		10			
						4.5	0.1	60	28.8		8.3		20.8		119.8		8.3		7.8		10			
					Bottom	7.9	0.2	59	28.6	28.7	7.9	7.9	25.7	25.7	66.9	66.8	4.5	4.5	8.7		10			
						7.9	0.2	62	28.7		7.9		25.7		66.7		4.5		9.4		10			
SR5A	Rainy	Moderate	17:58	3.8	Surface	1.0	0.1	67	29.7	29.7	8.2	8.2	21.3	21.3	124.0	123.8	8.4	8.4	6.1	6.1	3	4	816587	810680
						1.0	0.1	67	29.7		8.2		21.4		123.5		8.3		6.1		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.8	0.2	55	29.7	29.7	8.2	8.2	21.5	21.5	112.6	112.7	7.6	7.6	6.1		5			
						2.8	0.2	56	29.7		8.2		21.5		112.7		7.6		6.0		4			
SR6A	Rainy	Moderate	18:24	3.7	Surface	1.0	0.0	50	29.4	29.4	8.0	8.0	22.8	22.8	84.9	84.9	5.7	5.7	8.6	9.1	4	6	817943	814744
						1.0	0.0	52	29.4		8.0		22.8		84.9		5.7		8.7		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.7	0.0	174	29.2	29.2	8.0	8.0	23.2	23.2	80.3	80.2	5.4	5.4	9.6		7			
						2.7	0.0	187	29.1		8.0		23.2		80.0		5.4		9.5		8			
SR7	Cloudy	Rough	18:30	17.2	Surface	1.0	0.6	73	30.1	30.1	8.1	8.1	23.4	23.4	168.6	168.6	11.2	10.4	2.9	3.6	3	4	823652	823759
						1.0	0.6	79	30.1		8.1		23.4		168.6		11.2		2.9		4			
					Middle	8.6	0.1	94	29.8	29.8	8.1	8.1	24.9	24.9	143.2	143.1	9.5		3.8		5			
						8.6	0.1	94	29.8		8.1		24.9		143.0		9.5		3.8		4			
					Bottom	16.2	0.1	77	29.6	29.6	8.4	8.4	25.3	25.3	135.9	135.9	9.0	9.0	4.1		4			
						16.2	0.1	80	29.6		8.4		25.3		135.8		9.0		4.1		5			
SR8	Cloudy	Rough	17:12	5.1	Surface	1.0	-	-	30.1	30.1	8.3	8.3	22.9	22.9	139.7	139.7	9.3	9.3	4.9	5.1	4	4	820388	811639
						1.0	-	-	30.1		8.3		22.9		139.6		9.3		4.9		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.1	-	-	30.1	30.1	8.4	8.4	23.3	23.3	125.4	125.5	8.3	8.3	5.4		4			
						4.1	-	-	30.1		8.4		23.3		125.5		8.3		5.4		4			

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 31 July 21 during Mid-Flood Tide

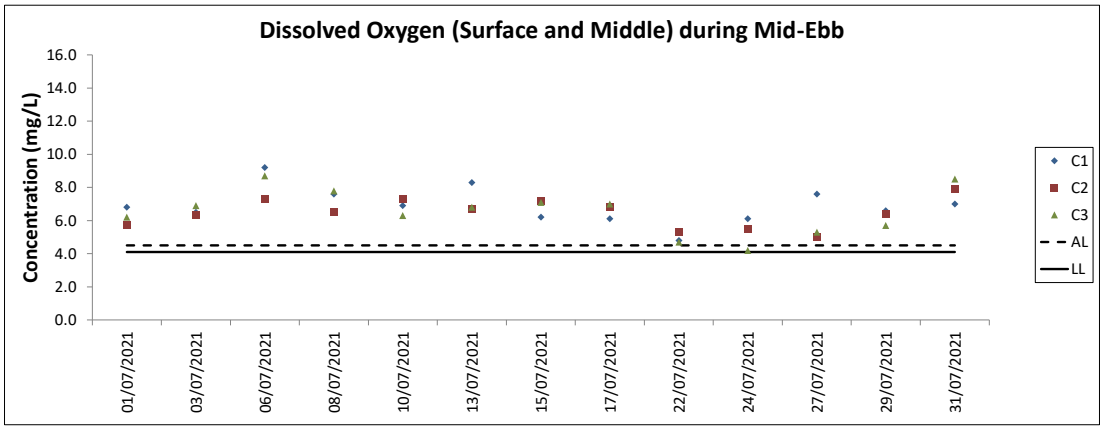
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	11:31	8.5	Surface	1.0	0.4	59	29.7	29.7	8.1	8.1	17.8	17.9	189.2	189.4	13.0	10.4	7.2	7.5	5	4	815624	804255
						1.0	0.4	59	29.7		8.1		17.9		189.6		13.1		7.5		4			
					Middle	4.3	0.3	40	29.0	29.0	8.2	8.2	20.1	20.1	111.7	111.7	7.7		2.3		4			
						4.3	0.3	41	29.0		8.2		20.1		111.7		7.7		2.4		5			
					Bottom	7.5	0.3	12	28.5	28.5	8.0	8.0	24.9	24.9	77.0	77.2	5.2	5.2	12.7		3			
						7.5	0.3	12	28.5		8.0		24.9		77.3		5.2		12.7		4			
C2	Cloudy	Rough	13:02	9.9	Surface	1.0	0.3	348	30.2	30.2	8.1	8.1	19.4	19.4	164.0	163.9	11.1	8.3	3.7	5.3	4	5	825692	806966
						1.0	0.3	320	30.2		8.1		19.4		163.8		11.1		3.8		3			
					Middle	5.0	0.3	351	29.6	29.6	8.2	8.2	25.4	25.4	83.1	83.1	5.5		3.9		4			
						5.0	0.3	356	29.6		8.2		25.4		83.1		5.5		3.9		6			
					Bottom	8.9	0.4	340	29.0	29.0	8.2	8.2	27.6	27.6	67.7	67.7	4.5	4.5	8.1		5			
						8.9	0.4	342	29.0		8.2		27.6		67.7		4.5		8.2		6			
C3	Cloudy	Rough	10:50	10.8	Surface	1.0	0.3	305	29.7	29.7	8.4	8.4	23.3	23.3	118.4	118.4	7.9	7.1	3.6	3.7	2	2	822111	817825
						1.0	0.4	305	29.7		8.4		23.3		118.4		7.9		3.7		2			
					Middle	5.4	0.3	283	29.3	29.3	8.3	8.3	24.8	24.8	94.6	94.6	6.3		3.6		2			
						5.4	0.3	289	29.3		8.3		24.8		94.6		6.3		3.5		2			
					Bottom	9.8	0.2	250	28.8	28.8	8.2	8.2	27.7	27.7	77.8	77.8	5.2	5.2	3.8		2			
						9.8	0.2	274	28.8		8.2		27.7		77.8		5.2		3.8		3			
IM1	Cloudy	Moderate	11:52	4.9	Surface	1.0	0.2	304	29.6	29.6	8.1	8.1	19.5	19.5	186.3	186.3	12.8	12.8	4.7	8.3	3	4	817967	807151
						1.0	0.2	323	29.6		8.1		19.5		186.2		12.7		4.8		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.9	0.2	316	28.9	28.9	8.1	8.1	22.1	22.0	96.3	96.6	6.6	6.6	12.4		4			
						3.9	0.2	320	28.9		8.2		21.9		96.8		6.6		11.2		4			
IM2	Cloudy	Moderate	12:01	6.9	Surface	1.0	0.4	5	29.1	29.1	8.3	8.3	20.0	20.0	126.8	126.8	8.7	8.7	2.5	4.0	39	**44**	818156	806186
						1.0	0.4	5	29.1		8.3		20.0		126.8		8.7		2.5		41			
					Middle	3.5	0.4	352	29.1	29.1	8.3	8.3	20.6	20.6	126.2	126.0	8.7		2.4		46			
						3.5	0.5	357	29.1		8.3		20.6		125.8		8.6		2.4		44			
					Bottom	5.9	0.4	346	28.4	28.4	8.0	8.0	25.5	25.5	70.8	71.0	4.8	4.8	7.2		48			
						5.9	0.4	354	28.4		8.0		25.4		71.1		4.8		7.1		46			
IM3	Cloudy	Moderate	12:09	7.2	Surface	1.0	0.6	327	29.6	29.6	8.4	8.4	21.1	21.1	138.1	137.4	9.4	7.5	2.8	5.3	7	9	818799	805610
						1.0	0.6	343	29.5		8.4		21.2		136.6		9.3		3.1		8			
					Middle	3.6	0.5	321	28.7	28.7	8.1	8.1	23.7	23.8	83.0	82.8	5.6		5.5		10			
						3.6	0.6	331	28.7		8.1		23.8		82.6		5.6		5.8		9			
					Bottom	6.2	0.3	312	28.1	28.1	7.9	7.9	27.1	27.1	61.2	61.4	4.1	4.1	7.5		10			
						6.2	0.4	334	28.1		7.9		27.1		61.6		4.1		7.0		9			
IM4	Cloudy	Moderate	12:17	8.6	Surface	1.0	0.4	341	29.4	29.4	8.4	8.4	19.3	19.3	141.1	140.6	9.7	8.0	3.0	4.8	4	4	819748	804593
						1.0	0.4	356	29.4		8.4		19.3		140.1		9.6		3.2		4			
					Middle	4.3	0.6	326	29.1	29.1	8.0	8.0	23.5	23.4	92.4	93.7	6.2		3.9		4			
						4.3	0.6	358	29.1		8.0		23.3		95.0		6.4		3.8		3			
					Bottom	7.6	0.3	342	28.2	28.2	7.9	7.9	26.8	26.8	69.7	71.9	4.7	4.9	7.2		3			
						7.6	0.3	315	28.2		7.9		26.8		74.1		5.0		7.8		4			
IM5	Cloudy	Moderate	12:24	6.8	Surface	1.0	0.6	11	29.5	29.5	8.4	8.4	19.5	19.5	150.0	149.9	10.3	8.3	2.4	7.2	5	4	820714	804858
						1.0	0.7	11	29.5		8.4		19.5		149.7		10.3		2.4		6			
					Middle	3.4	0.6	9	28.8	28.8	8.1	8.1	23.3	23.3	91.6	91.7	6.2		8.7		5			
						3.4	0.7	9	28.8		8.1		23.3		91.7		6.2		8.8		4			
					Bottom	5.8	0.3	48	28.3	28.3	8.0	8.0	26.1	26.1	64.6	64.6	4.4	4.4	10.7		2			
						5.8	0.3	52	28.3		8.0		26.1		64.6		4.4		10.4		4			
IM6	Cloudy	Moderate	12:31	7.2	Surface	1.0	0.4	54	29.9	29.9	8.4	8.4	18.4	18.4	162.1	162.0	11.1	9.1	3.5	6.6	4	6	821072	805824
						1.0	0.4	56	29.9		8.4		18.4		161.8		11.1		3.6		5			
					Middle	3.6	0.4	53	29.1	29.1	8.1	8.1	21.6	21.6	103.7	103.9	7.1		3.9		7			
						3.6	0.5	53	29.1		8.2		21.6		104.0		7.1		3.9		6			
					Bottom	6.2	0.4	54	28.4	28.4	7.9	7.9	26.2	26.2	61.4	61.9	4.1	4.2	12.6		8			
						6.2	0.4	55	28.3		7.9		26.2		62.3		4.2		12.1		7			
IM7	Cloudy	Moderate	12:38	8.7	Surface	1.0	0.1	83	29.7	29.7	8.3	8.3	18.5	18.5	142.9	142.8	9.8	9.5	2.6	3.5	5	4	821337	806843
						1.0	0.1	87	29.7		8.3		18.5		142.7		9.8		2.6		4			
					Middle	4.4	0.1	292	29.5	29.5	8.3	8.3	19.1	19.1	132.9	132.6	9.1		2.7		4			
						4.4	0.1	310	29.4		8.3		19.1		132.2		9.1		2.7		5			
					Bottom	7.7	0.3	69	29.1	29.1	8.0	8.0	22.8	22.7	91.9	91.7	6.2	6.2	5.2		4			
						7.7	0.3	74	29.1		8.0		22.7		91.5		6.2		5.2		4			
IM8	Cloudy	Rough	12:36	8.2	Surface	1.0	0.1	339	30.0	30.0	8.1	8.1	19.8	19.8	154.8	154.9	10.5	9.8	4.2	6.6	4	4	821833	808150
						1.0	0.1	312	30.0		8.1		19.8		154.9		10.5		4.2		5			
					Middle	4.1	0.0	265	29.9	29.9	8.1	8.1	20.4	20.4	134.0	134.0	9.1		3.8		5			
						4.1	0.0	288	29.9		8.1		20.4		134.0		9.1		3.8		4			
					Bottom	7.2	0.1	222	29.5	29.5	8.2	8.2	25.0	25.0	85.5	85.6	5.7	5.7	11.7		4			
						7.2	0.1	237	29.5		8.2		25.0		85.7		5.7		11.7		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 31 July 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	12:27	7.7	Surface	1.0	0.1	28	30.7	30.7	8.1	8.1	18.7	18.7	177.7	177.8	12.0	10.9	3.7	5.4	5	4	822075	808822
						1.0	0.1	30	30.7		8.1		18.7		177.8		12.0		3.7		5			
					Middle	3.9	0.1	330	30.0	30.0	8.1	8.1	20.7	20.7	144.0	144.0	9.7		3.7		5			
						3.9	0.1	332	30.0		8.1		20.8		143.9		9.7		3.7		4			
					Bottom	6.7	0.2	270	29.8	29.8	8.3	8.3	23.1	23.1	108.5	108.5	7.3	7.3	8.7		4			
						6.7	0.2	291	29.8		8.3		23.1		108.4		7.2		8.8		3			
IM10	Cloudy	Rough	12:18	7.9	Surface	1.0	0.2	321	30.3	30.3	8.1	8.1	19.5	19.5	141.1	141.2	9.5	8.8	3.6	5.1	3	4	822364	809793
						1.0	0.2	346	30.3		8.1		19.6		141.2		9.5		3.6		4			
					Middle	4.0	0.3	311	29.8	29.8	8.4	8.4	22.4	22.4	119.4	119.5	8.0		3.5		4			
						4.0	0.3	328	29.8		8.4		22.4		119.5		8.0		3.5		3			
					Bottom	6.9	0.2	301	29.5	29.5	8.2	8.2	25.2	25.2	78.7	78.6	5.2	5.2	8.2		4			
						6.9	0.2	310	29.5		8.2		25.2		78.5		5.2		8.1		5			
IM11	Cloudy	Rough	12:08	9.1	Surface	1.0	0.2	292	30.3	30.3	8.1	8.1	20.4	20.4	139.7	139.7	9.4	8.1	3.5	4.4	4	4	822044	811459
						1.0	0.2	295	30.3		8.1		20.4		139.7		9.4		3.5		4			
					Middle	4.6	0.3	291	29.7	29.7	8.3	8.3	23.1	23.1	102.3	102.3	6.9		3.5		4			
						4.6	0.4	319	29.7		8.3		23.1		102.2		6.8		3.4		4			
					Bottom	8.1	0.5	286	29.4	29.4	8.2	8.2	25.7	25.7	79.8	79.8	5.3	5.3	6.3		4			
						8.1	0.5	299	29.4		8.2		25.7		79.7		5.3		6.3		4			
IM12	Cloudy	Rough	12:00	8.5	Surface	1.0	0.2	315	30.2	30.2	8.1	8.1	20.9	20.9	135.1	135.2	9.1	7.9	3.3	4.6	3	5	821471	812037
						1.0	0.2	341	30.2		8.1		20.9		135.3		9.1		3.3		4			
					Middle	4.3	0.3	303	29.7	29.7	8.3	8.3	23.2	23.2	100.7	100.7	6.7		3.5		5			
						4.3	0.3	308	29.7		8.3		23.2		100.6		6.7		3.5		5			
					Bottom	7.5	0.3	289	29.1	29.1	8.2	8.2	26.7	26.7	75.7	75.6	5.0	5.0	6.9		6			
						7.5	0.3	296	29.1		8.2		26.7		75.5		5.0		6.9		5			
SR1A	Cloudy	Rough	11:27	4.2	Surface	1.0	-	-	30.0	30.0	8.1	8.1	21.5	21.5	154.5	154.4	10.4	10.4	4.1	5.1	5	5	819980	812660
						1.0	-	-	30.0		8.1		21.5		154.3		10.4		4.1		6			
					Middle	2.1	-	-	-	-	-	-	-	-	-	-	-		-		-			
						2.1	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	29.6	29.6	8.3	8.3	23.7	23.7	99.2	99.3	6.6	6.6	6.1		4			
						3.2	-	-	29.6		8.3		23.7		99.3		6.6		6.1		4			
SR2	Cloudy	Rough	11:11	3.7	Surface	1.0	0.0	227	30.2	30.2	8.1	8.1	20.4	20.4	139.9	139.9	9.4	9.4	3.4	3.7	4	3	821448	814180
						1.0	0.0	247	30.2		8.1		20.4		139.8		9.4		3.4		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.7	0.2	283	29.7	29.7	8.4	8.4	22.5	22.5	115.3	118.1	7.7	7.9	4.0		3			
						2.7	0.2	310	29.7		8.4		22.4		120.9		8.1		3.9		2			
SR3	Cloudy	Rough	12:42	8.3	Surface	1.0	0.2	9	30.6	30.6	8.1	8.1	18.6	18.6	191.1	191.1	12.9	10.7	5.6	4.9	3	4	822161	807581
						1.0	0.2	9	30.6		8.1		18.6		191.0		12.9		5.6		4			
					Middle	4.2	0.2	9	29.8	29.8	8.4	8.4	21.2	21.2	125.4	125.4	8.5		4.0		4			
						4.2	0.2	9	29.8		8.4		21.2		125.4		8.5		4.0		3			
					Bottom	7.3	0.2	41	29.6	29.6	8.2	8.2	24.6	24.7	89.8	89.8	6.0	6.0	5.2		5			
						7.3	0.2	43	29.6		8.2		24.7		89.8		6.0		5.1		4			
SR4A	Cloudy	Moderate	11:06	8.9	Surface	1.0	0.2	248	29.3	29.3	8.2	8.2	20.6	20.6	109.3	109.0	7.5	6.4	3.6	6.0	3	4	817207	807815
						1.0	0.2	264	29.2		8.2		20.6		108.7		7.4		3.8		4			
					Middle	4.5	0.3	253	28.9	28.9	8.0	8.0	23.4	23.4	78.2	78.2	5.3		5.4		3			
						4.5	0.3	271	28.9		8.0		23.5		78.1		5.3		5.5		4			
					Bottom	7.9	0.1	235	28.2	28.2	7.9	7.9	26.9	26.9	54.9	55.1	3.7	3.7	8.8		5			
						7.9	0.2	235	28.2		7.9		26.9		55.2		3.7		8.9		4			
SR5A	Cloudy	Moderate	10:48	3.5	Surface	1.0	0.1	284	29.1	29.1	8.1	8.1	21.3	21.3	99.3	99.2	6.8	6.8	5.5	8.2	6	5	816606	810685
						1.0	0.1	290	29.1		8.1		21.3		99.1		6.8		6.2		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	2.5	0.1	277	29.1	29.1	8.0	8.0	22.9	22.9	82.7	82.9	5.6	5.6	10.4		3			
						2.5	0.1	294	29.1		8.0		22.9		83.0		5.6		10.7		4			
SR6A	Cloudy	Moderate	10:14	4.1	Surface	1.0	0.1	299	29.3	29.3	8.1	8.1	22.2	22.2	101.3	101.1	6.9	6.9	7.8	8.2	5	4	817979	814721
						1.0	0.1	326	29.2		8.1		22.3		100.9		6.8		8.3		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.1	0.1	352	29.1	29.1	8.0	8.0	23.4	23.4	84.7	84.9	5.7	5.7	8.4		3			
						3.1	0.1	324	29.1		8.0		23.4		85.0		5.7		8.3		2			
SR7	Cloudy	Rough	10:17	18.5	Surface	1.0	0.1	91	29.7	29.7	8.4	8.4	24.3	24.3	113.4	113.4	7.5	7.3	3.1	3.2	2	3	823641	823722
						1.0	0.1	97	29.7		8.4		24.3		113.4		7.5		3.1		2			
					Middle	9.3	0.0	164	29.5	29.5	8.3	8.3	24.8	24.8	106.9	106.9	7.1		3.4		2			
						9.3	0.0	173	29.5		8.3		24.8		106.9		7.1		3.4		3			
					Bottom	17.5	0.1	274	28.3	28.3	8.2	8.2	29.2	29.2	75.4	75.4	5.0	5.0	3.1		3			
						17.5	0.1	282	28.3		8.2		29.2		75.4		5.0		3.2		3			
SR8	Cloudy	Rough	11:51	4.2	Surface	1.0	-	-	30.1	30.1	8.1	8.1	21.6	21.6	143.7	143.8	9.6	9.7	8.8	7.4	4	5	820394	811623
						1.0	-	-	30.1		8.1		21.6		143.8		9.7		8.8		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	3.2	-	-	30.5	30.5	8.1	8.1	22.1	22.1	143.6	143.6	9.5	9.5	5.9		5			
						3.2	-	-	30.5		8.1		22.1		143.6		9.5		6.0		6			

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


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
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14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
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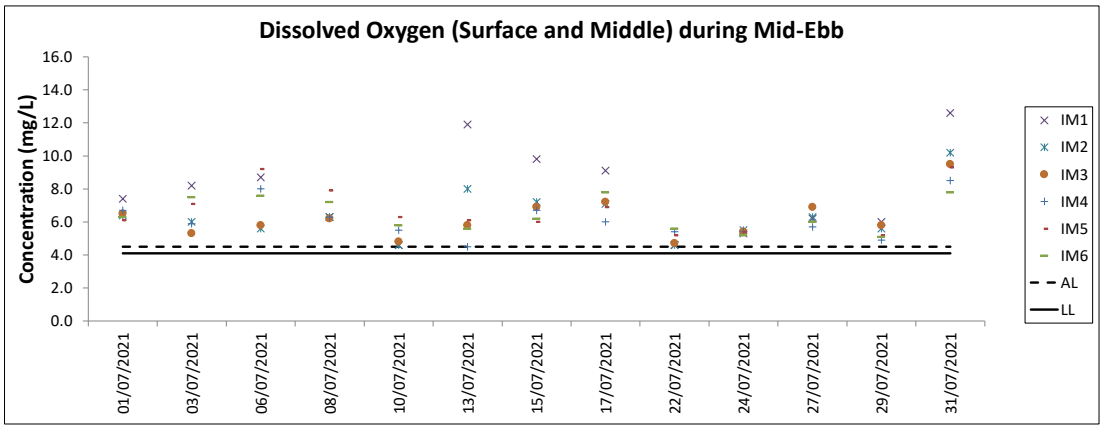
31/07/2021
C1
C2
C3
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
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12.0
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8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
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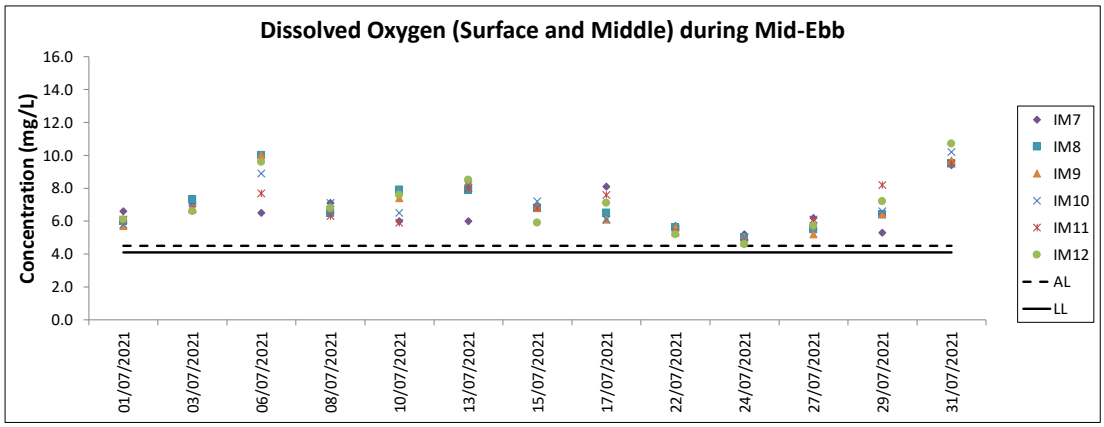
31/07/2021
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
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14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
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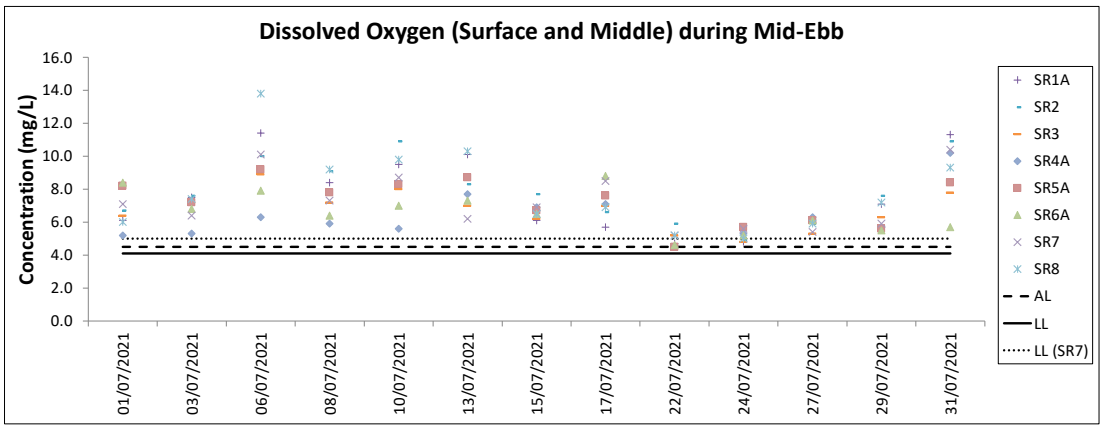
29/07/2021
31/07/2021
IM7
IM8
IM9
IM10
IM11
IM12
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
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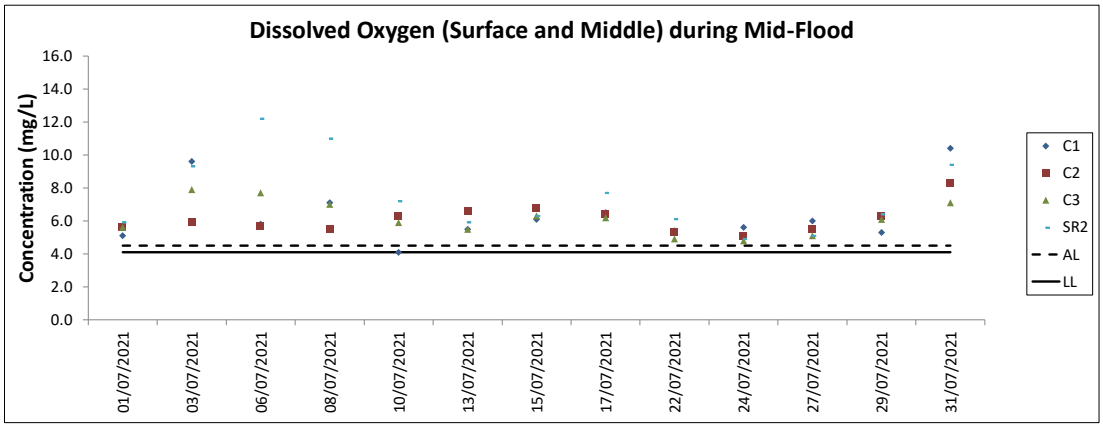
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
27/07/2021
29/07/2021
31/07/2021
SR1A
SR2
SR3
SR4A
SR5A
SR6A
SR7
SR8
AL
LL
LL (SR7)


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
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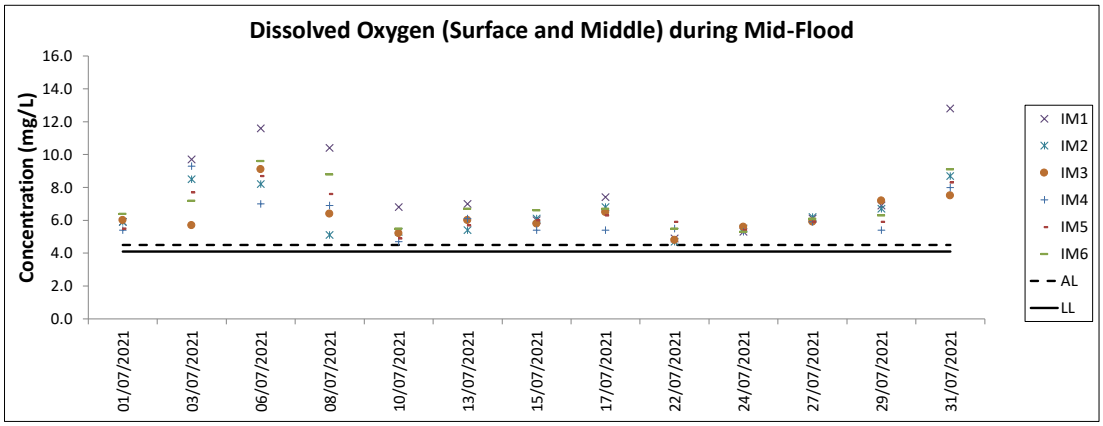
29/07/2021
31/07/2021
C1
C2
C3
SR2
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
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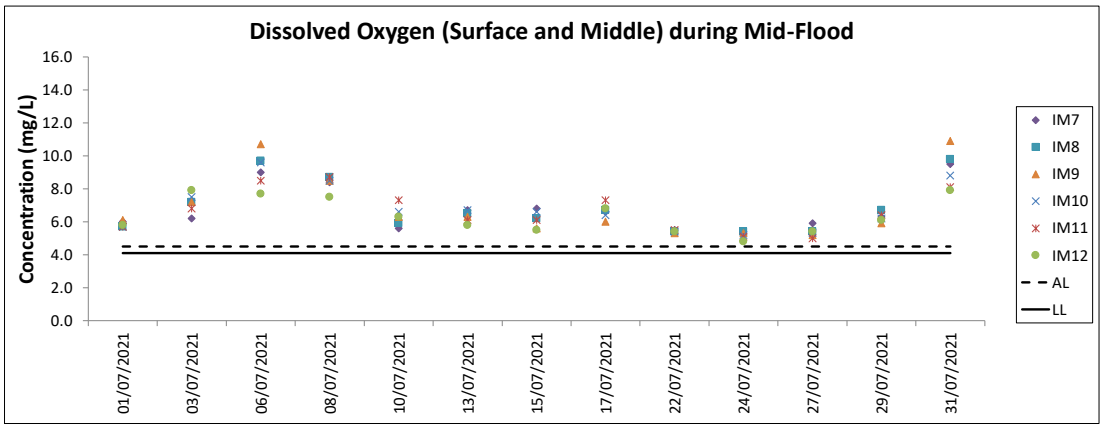
29/07/2021
31/07/2021
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
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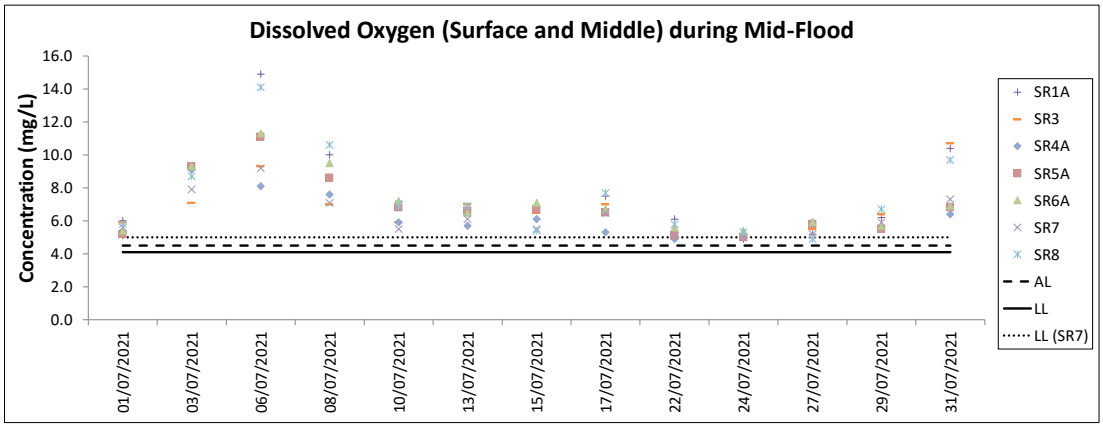
31/07/2021
IM7
IM8
IM9
IM10
IM11
IM12
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
27/07/2021
29/07/2021
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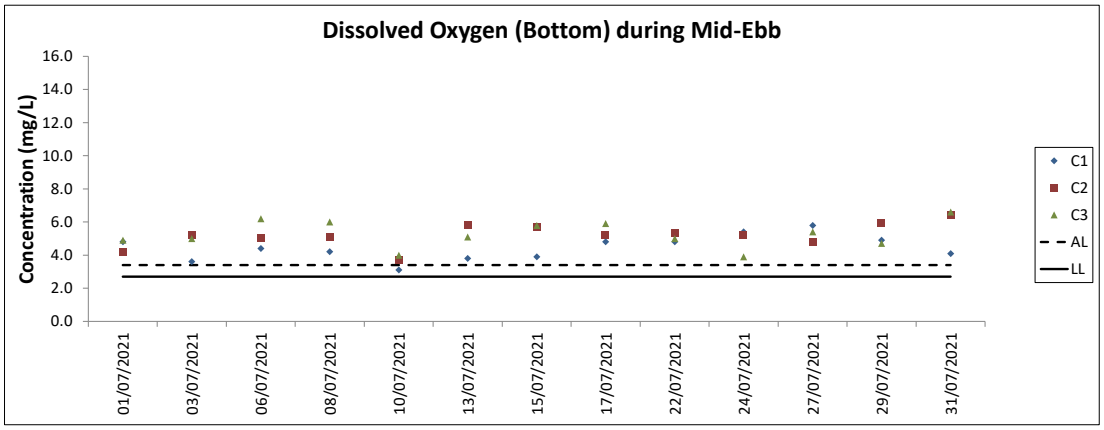
SR1A
SR3
SR4A
SR5A
SR6A
SR7
SR8
AL
LL
LL (SR7)


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
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10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
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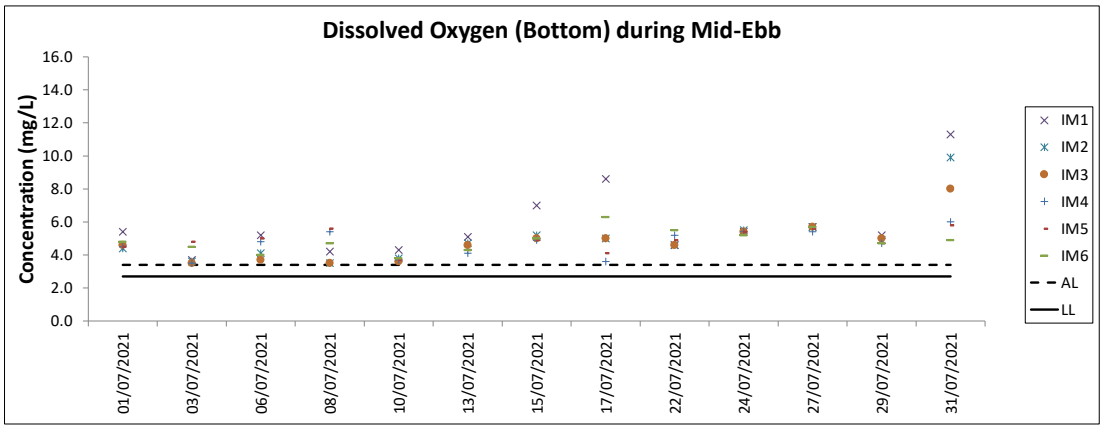
31/07/2021
C1
C2
C3
AL
LL


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
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12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
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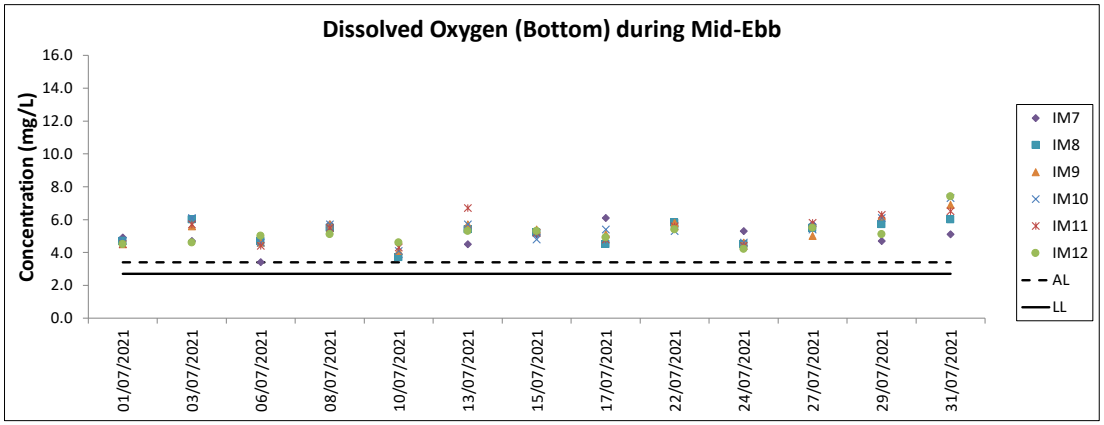
31/07/2021
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
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12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
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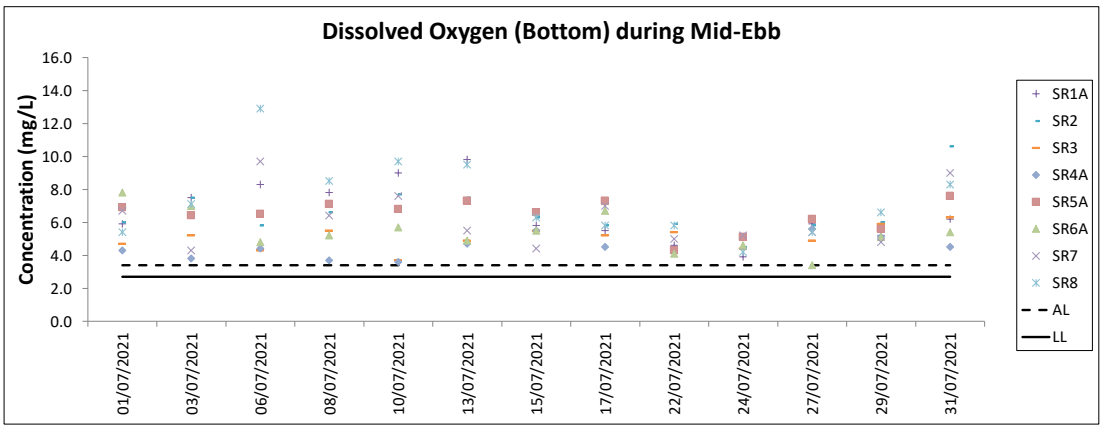
29/07/2021
31/07/2021
IM7
IM8
IM9
IM10
IM11
IM12
AL
LL


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
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14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
27/07/2021
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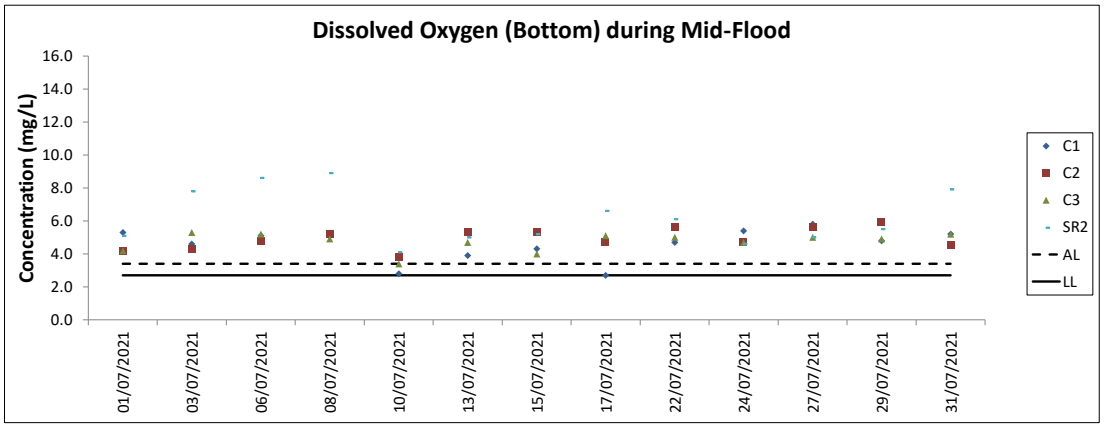
SR1A
SR2
SR3
SR4A
SR5A
SR6A
SR7
SR8
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
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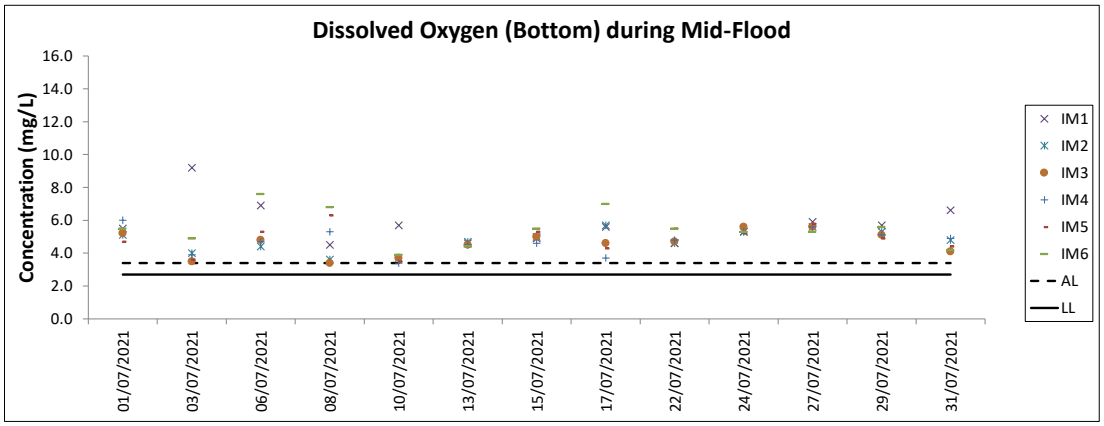
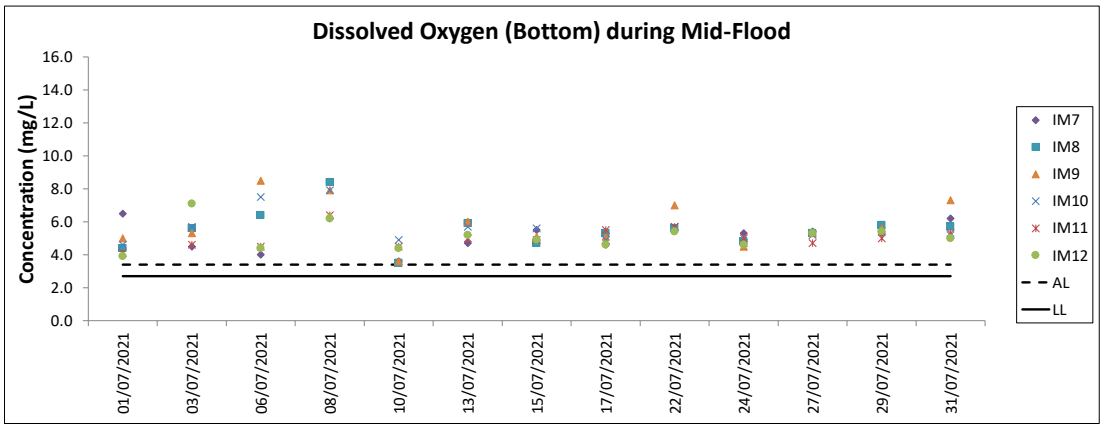
31/07/2021
C1
C2
C3
SR2
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
27/07/2021
29/07/2021
31/07/2021
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
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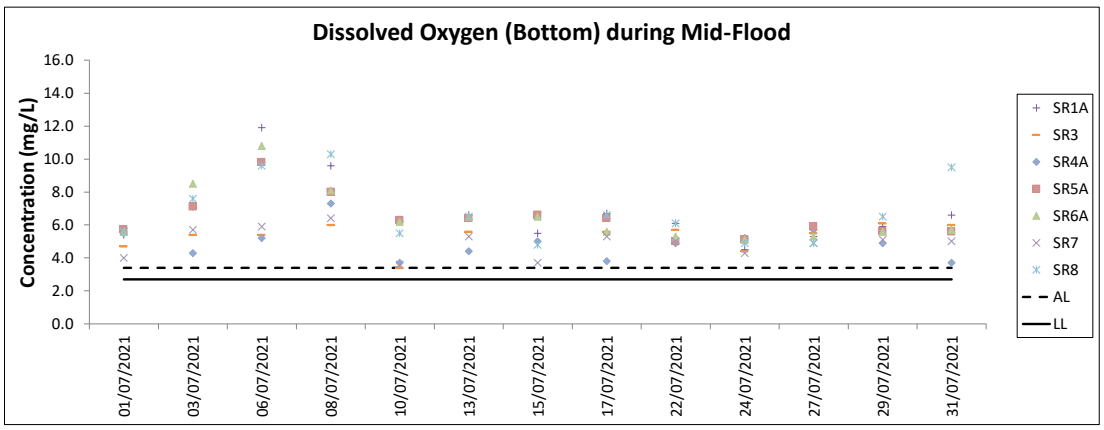
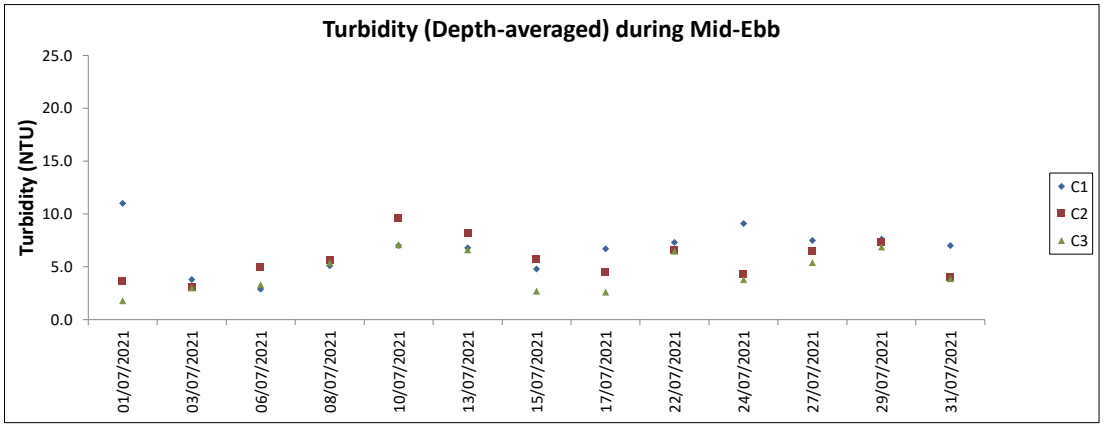
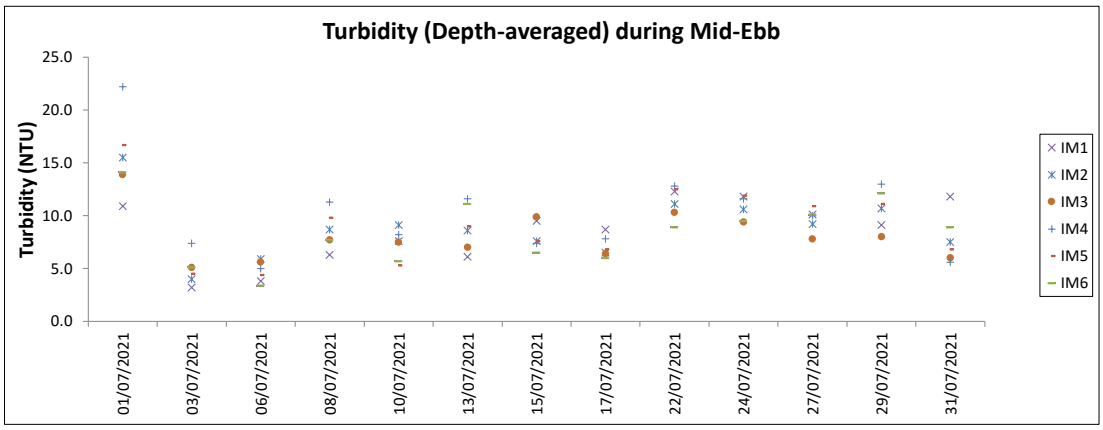
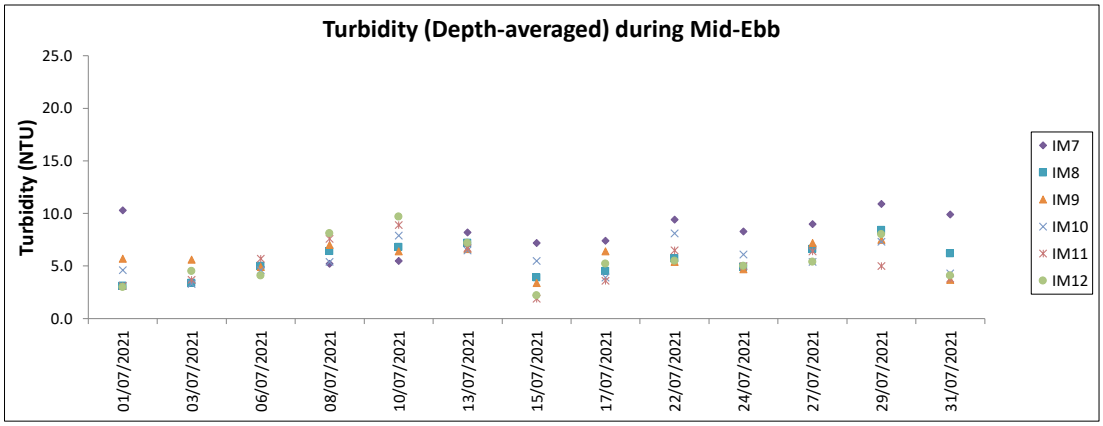
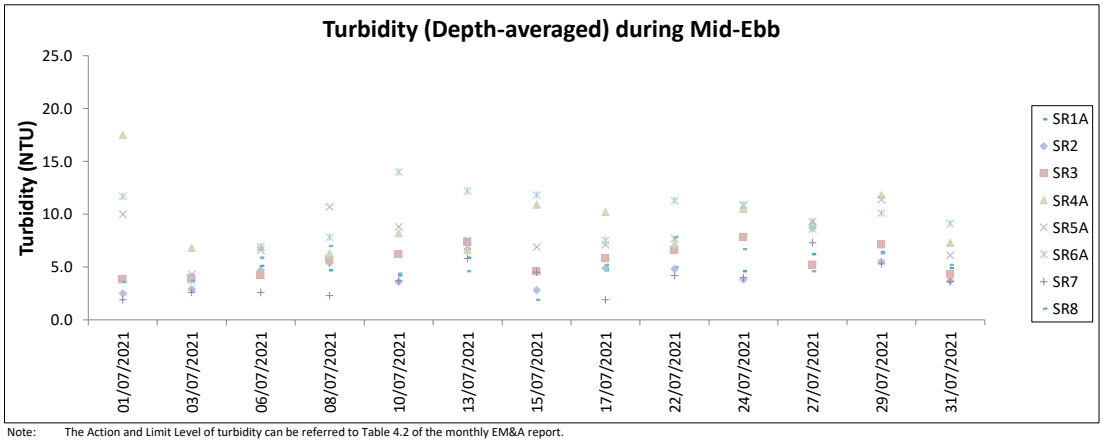
29/07/2021
31/07/2021
IM7
IM8
IM9
IM10
IM11
IM12
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01/07/2021
03/07/2021
06/07/2021
08/07/2021
10/07/2021
13/07/2021
15/07/2021
17/07/2021
22/07/2021
24/07/2021
27/07/2021
29/07/2021
31/07/2021
SR1A
SR3
SR4A
SR5A
SR6A
SR7
SR8
AL
LL

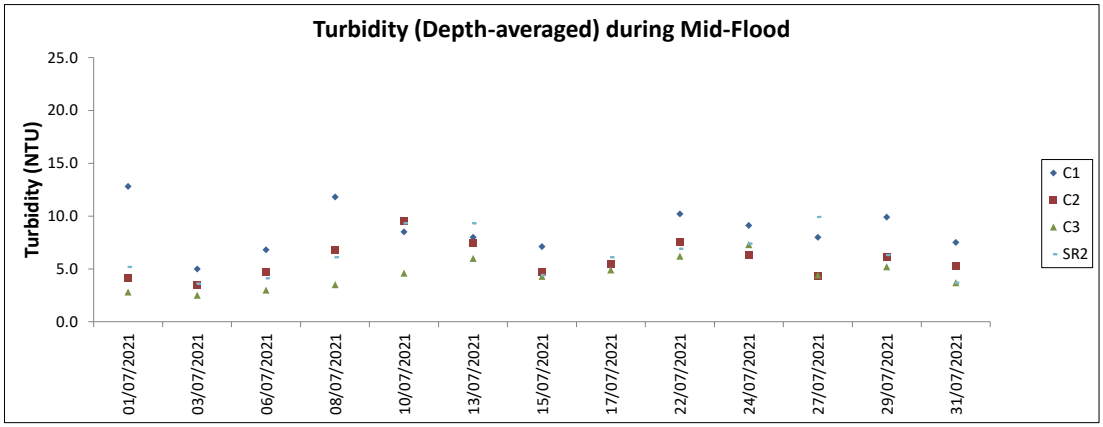


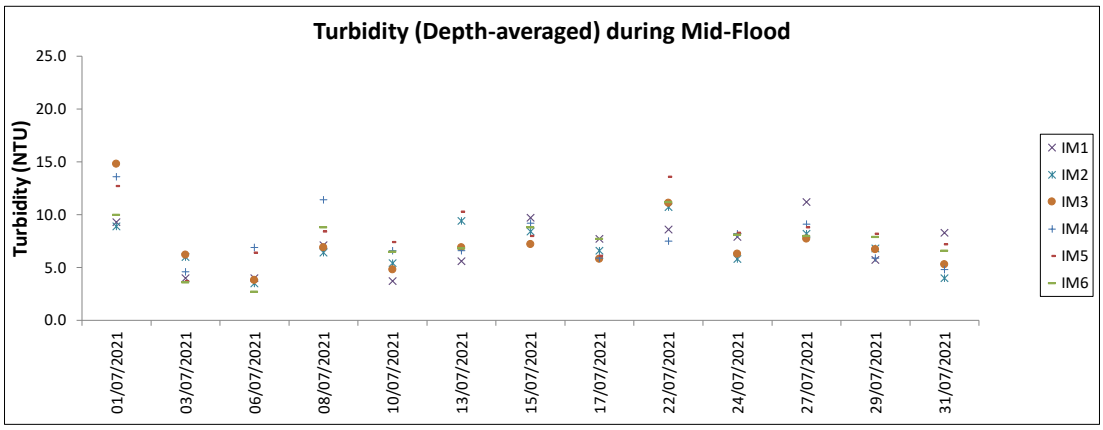


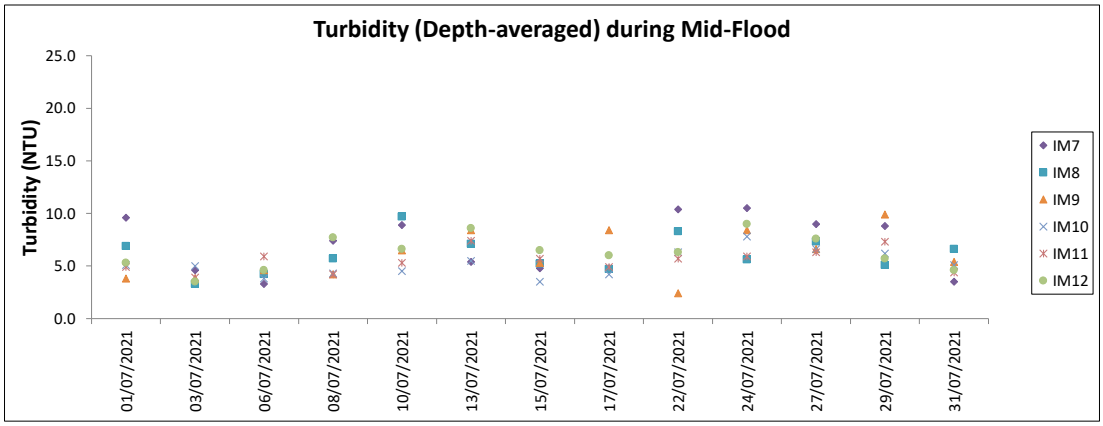


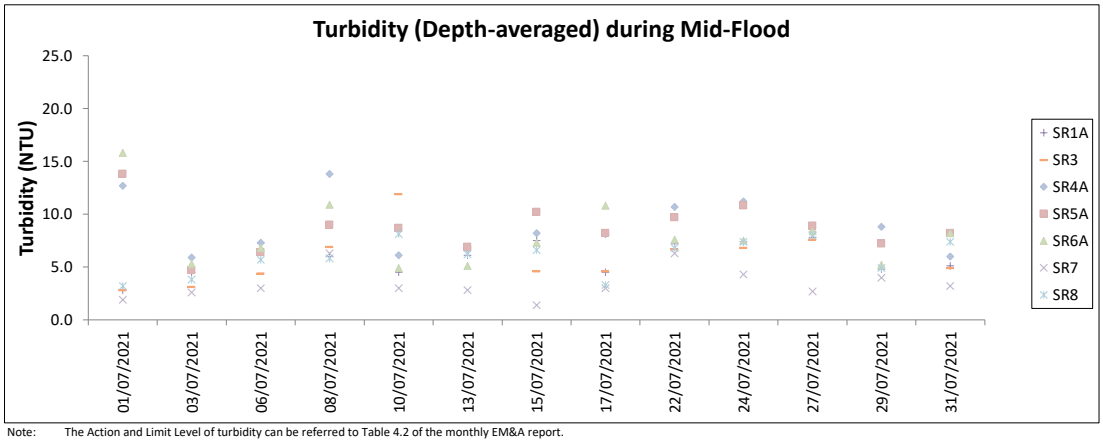


Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.

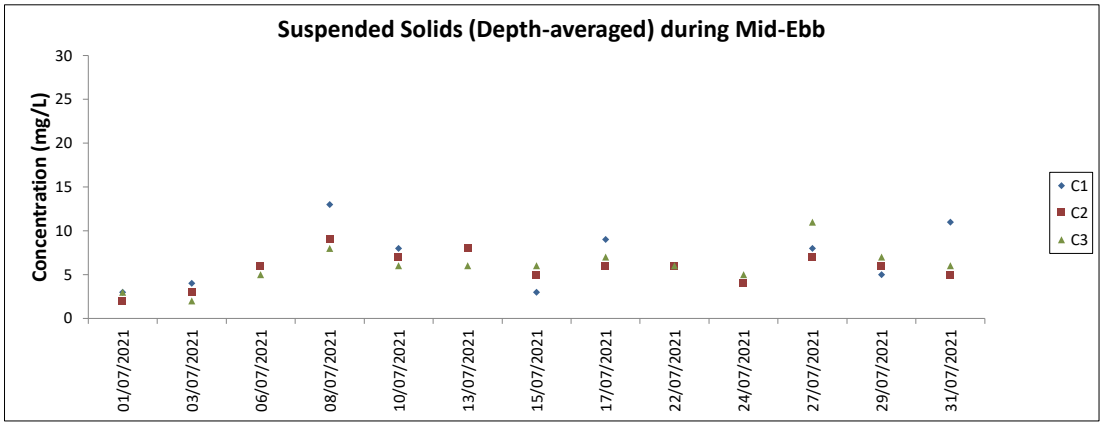


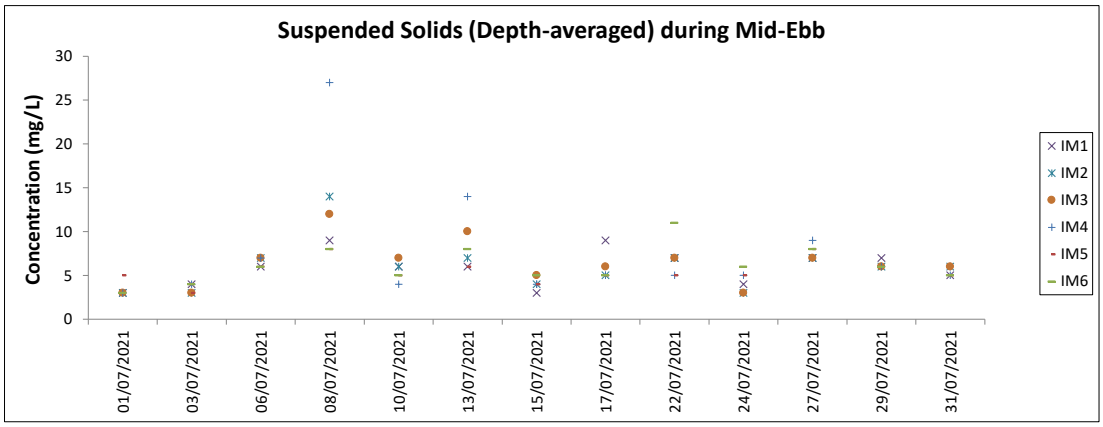


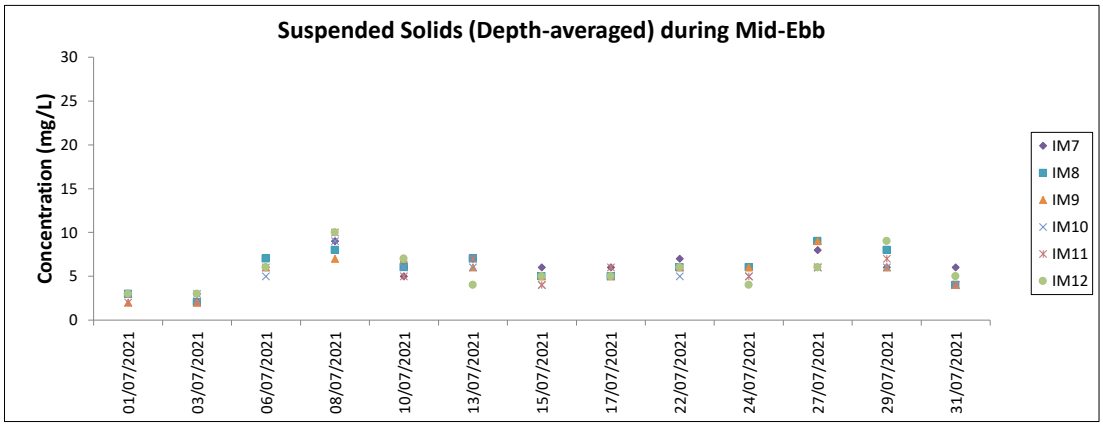


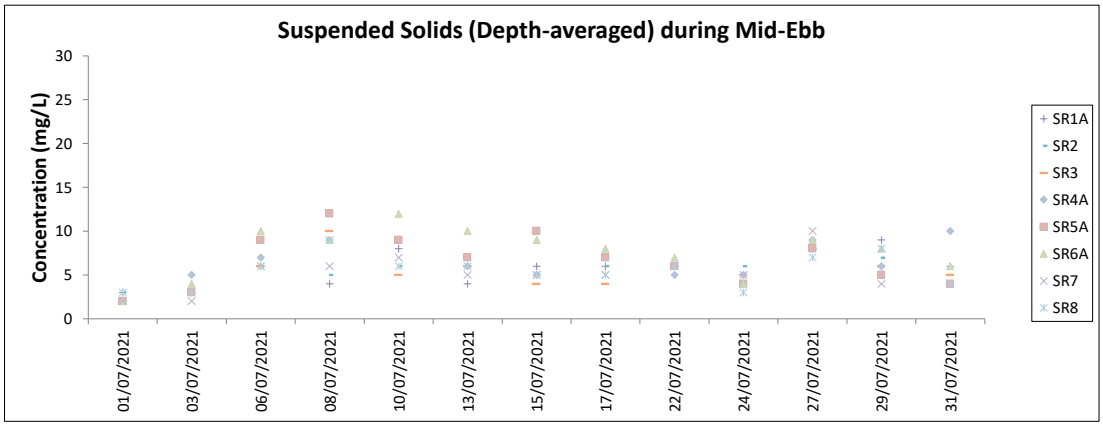


Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.

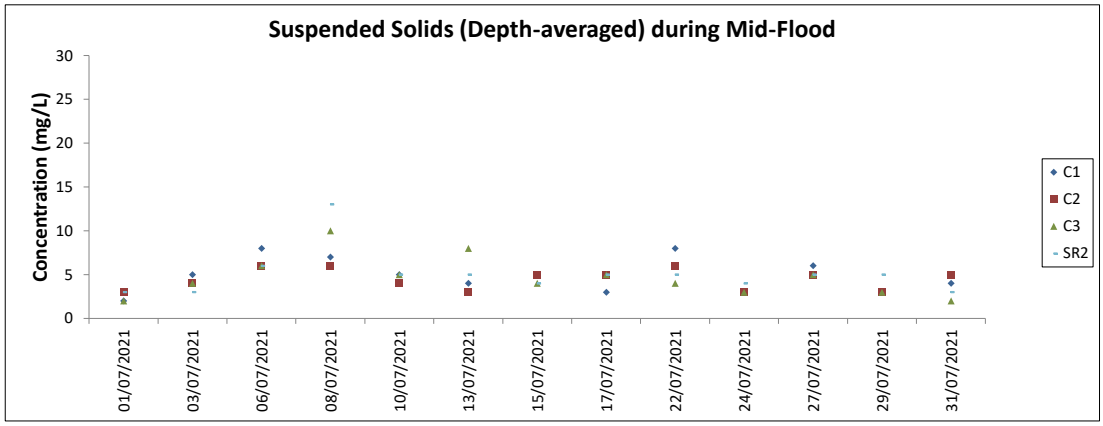


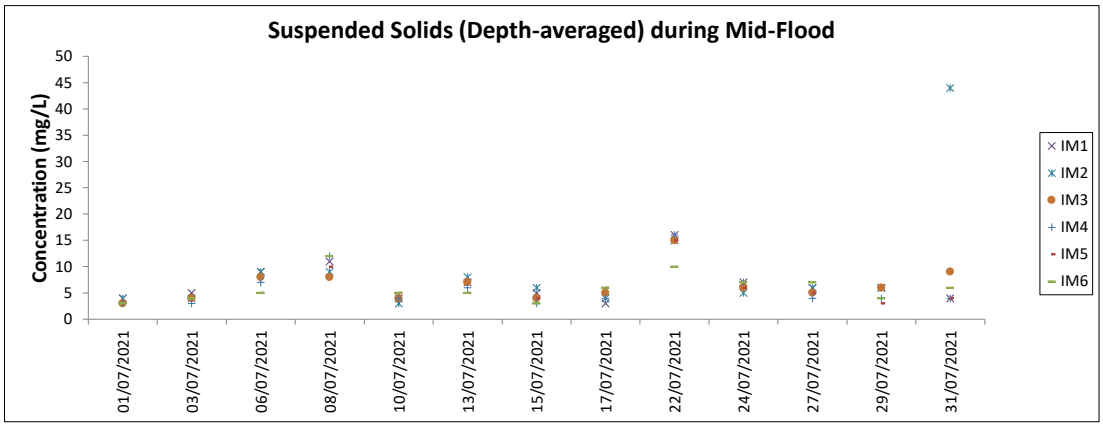


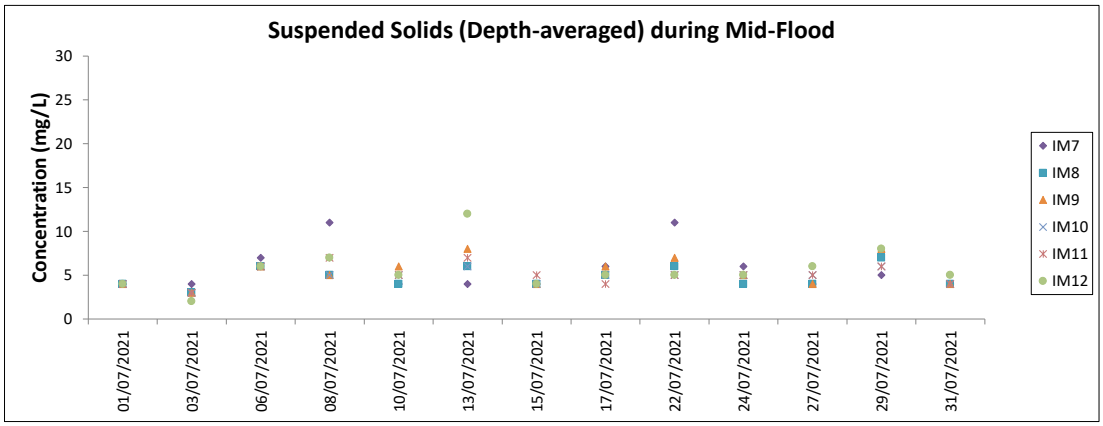


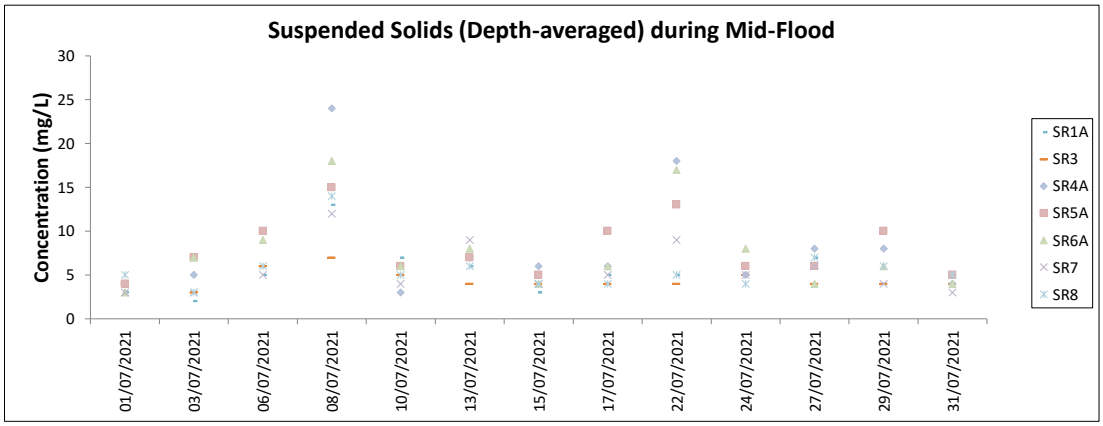


Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.









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.
Weather conditions during monitoring are presented in the data tables above.
QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.

Chinese White Dolphin Monitoring Results

CWD Small Vessel Line-transect Survey Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
06/05/2021	NEL	3	30.130	SPRING	32166	3RS ET	P
06/05/2021	NEL	4	7.170	SPRING	32166	3RS ET	P
06/05/2021	NEL	3	10.100	SPRING	32166	3RS ET	S
11/05/2021	AW	3	4.870	SPRING	32166	3RS ET	P
11/05/2021	WL	3	17.180	SPRING	32166	3RS ET	P
11/05/2021	WL	4	3.240	SPRING	32166	3RS ET	P
11/05/2021	WL	3	7.890	SPRING	32166	3RS ET	S
11/05/2021	WL	4	1.970	SPRING	32166	3RS ET	S
20/05/2021	NWL	3	41.600	SPRING	32166	3RS ET	P
20/05/2021	NWL	4	22.100	SPRING	32166	3RS ET	P
20/05/2021	NWL	3	6.000	SPRING	32166	3RS ET	S
20/05/2021	NWL	4	5.400	SPRING	32166	3RS ET	S
21/05/2021	NEL	2	0.669	SPRING	32166	3RS ET	P
21/05/2021	NEL	3	36.410	SPRING	32166	3RS ET	P
21/05/2021	NEL	2	0.941	SPRING	32166	3RS ET	S
21/05/2021	NEL	3	8.580	SPRING	32166	3RS ET	S
25/05/2021	SWL	1	4.200	SPRING	32166	3RS ET	P
25/05/2021	SWL	2	26.979	SPRING	32166	3RS ET	P
25/05/2021	SWL	3	20.210	SPRING	32166	3RS ET	P
25/05/2021	SWL	4	1.310	SPRING	32166	3RS ET	P
25/05/2021	SWL	1	3.900	SPRING	32166	3RS ET	S
25/05/2021	SWL	2	5.088	SPRING	32166	3RS ET	S
25/05/2021	SWL	3	6.580	SPRING	32166	3RS ET	S
26/05/2021	SWL	1	1.240	SPRING	32166	3RS ET	P
26/05/2021	SWL	2	18.494	SPRING	32166	3RS ET	P
26/05/2021	SWL	3	27.800	SPRING	32166	3RS ET	P
26/05/2021	SWL	4	6.000	SPRING	32166	3RS ET	P
26/05/2021	SWL	2	3.830	SPRING	32166	3RS ET	S
26/05/2021	SWL	3	9.860	SPRING	32166	3RS ET	S
26/05/2021	SWL	4	1.330	SPRING	32166	3RS ET	S
27/05/2021	NWL	2	8.010	SPRING	32166	3RS ET	P
27/05/2021	NWL	3	37.990	SPRING	32166	3RS ET	P
27/05/2021	NWL	4	18.800	SPRING	32166	3RS ET	P
27/05/2021	NWL	3	8.600	SPRING	32166	3RS ET	S
27/05/2021	NWL	4	2.300	SPRING	32166	3RS ET	S
28/05/2021	AW	2	4.730	SPRING	32166	3RS ET	P
28/05/2021	WL	2	2.400	SPRING	32166	3RS ET	P
28/05/2021	WL	3	14.857	SPRING	32166	3RS ET	P
28/05/2021	WL	4	2.016	SPRING	32166	3RS ET	P
28/05/2021	WL	3	8.377	SPRING	32166	3RS ET	S
28/05/2021	WL	4	1.220	SPRING	32166	3RS ET	S
04/06/2021	NEL	2	15.070	SUMMER	32166	3RS ET	P
04/06/2021	NEL	3	17.100	SUMMER	32166	3RS ET	P
04/06/2021	NEL	4	5.200	SUMMER	32166	3RS ET	P
04/06/2021	NEL	2	4.230	SUMMER	32166	3RS ET	S
04/06/2021	NEL	3	5.800	SUMMER	32166	3RS ET	S
07/06/2021	SWL	3	15.180	SUMMER	32166	3RS ET	P

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
07/06/2021	SWL	4	32.070	SUMMER	32166	3RS ET	P
07/06/2021	SWL	5	6.500	SUMMER	32166	3RS ET	P
07/06/2021	SWL	2	0.800	SUMMER	32166	3RS ET	S
07/06/2021	SWL	3	0.600	SUMMER	32166	3RS ET	S
07/06/2021	SWL	4	6.250	SUMMER	32166	3RS ET	S
07/06/2021	SWL	5	2.800	SUMMER	32166	3RS ET	S
08/06/2021	AW	2	4.950	SUMMER	32166	3RS ET	P
08/06/2021	WL	2	8.959	SUMMER	32166	3RS ET	P
08/06/2021	WL	3	8.488	SUMMER	32166	3RS ET	P
08/06/2021	WL	2	4.800	SUMMER	32166	3RS ET	S
08/06/2021	WL	3	4.462	SUMMER	32166	3RS ET	S
17/06/2021	NWL	3	47.300	SUMMER	32166	3RS ET	P
17/06/2021	NWL	4	17.300	SUMMER	32166	3RS ET	P
17/06/2021	NWL	3	8.900	SUMMER	32166	3RS ET	S
17/06/2021	NWL	4	2.300	SUMMER	32166	3RS ET	S
15/06/2021	WL	2	0.910	SUMMER	32166	3RS ET	P
15/06/2021	WL	3	15.750	SUMMER	32166	3RS ET	P
15/06/2021	WL	4	3.148	SUMMER	32166	3RS ET	P
15/06/2021	WL	2	1.320	SUMMER	32166	3RS ET	S
15/06/2021	WL	3	7.130	SUMMER	32166	3RS ET	S
15/06/2021	WL	4	2.542	SUMMER	32166	3RS ET	S
15/06/2021	AW	3	4.200	SUMMER	32166	3RS ET	P
21/06/2021	NWL	3	19.300	SUMMER	32166	3RS ET	P
21/06/2021	NWL	4	42.410	SUMMER	32166	3RS ET	P
21/06/2021	NWL	3	9.200	SUMMER	32166	3RS ET	S
21/06/2021	NWL	4	5.400	SUMMER	32166	3RS ET	S
22/06/2021	NEL	2	22.400	SUMMER	32166	3RS ET	P
22/06/2021	NEL	3	14.510	SUMMER	32166	3RS ET	P
22/06/2021	NEL	2	4.100	SUMMER	32166	3RS ET	S
22/06/2021	NEL	3	6.390	SUMMER	32166	3RS ET	S
25/06/2021	SWL	2	22.860	SUMMER	32166	3RS ET	P
25/06/2021	SWL	3	24.890	SUMMER	32166	3RS ET	P
25/06/2021	SWL	2	11.130	SUMMER	32166	3RS ET	S
25/06/2021	SWL	3	4.460	SUMMER	32166	3RS ET	S
12/07/2021	SWL	2	25.750	SUMMER	32166	3RS ET	P
12/07/2021	SWL	3	25.520	SUMMER	32166	3RS ET	P
12/07/2021	SWL	2	8.900	SUMMER	32166	3RS ET	S
12/07/2021	SWL	3	6.610	SUMMER	32166	3RS ET	S
13/07/2021	SWL	1	1.050	SUMMER	32166	3RS ET	P
13/07/2021	SWL	2	35.764	SUMMER	32166	3RS ET	P
13/07/2021	SWL	3	14.402	SUMMER	32166	3RS ET	P
13/07/2021	SWL	1	1.160	SUMMER	32166	3RS ET	S
13/07/2021	SWL	2	9.900	SUMMER	32166	3RS ET	S
13/07/2021	SWL	3	4.150	SUMMER	32166	3RS ET	S
14/07/2021	AW	2	4.740	SUMMER	32166	3RS ET	P
14/07/2021	WL	1	0.970	SUMMER	32166	3RS ET	P
14/07/2021	WL	2	6.905	SUMMER	32166	3RS ET	P
14/07/2021	WL	3	8.190	SUMMER	32166	3RS ET	P
14/07/2021	WL	2	4.141	SUMMER	32166	3RS ET	S

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
14/07/2021	WL	3	5.059	SUMMER	32166	3RS ET	S
19/07/2021	NEL	3	31.750	SUMMER	32166	3RS ET	P
19/07/2021	NEL	4	5.200	SUMMER	32166	3RS ET	P
19/07/2021	NEL	3	8.950	SUMMER	32166	3RS ET	S
19/07/2021	NEL	4	1.300	SUMMER	32166	3RS ET	S
21/07/2021	NEL	2	5.200	SUMMER	32166	3RS ET	P
21/07/2021	NEL	3	31.980	SUMMER	32166	3RS ET	P
21/07/2021	NEL	2	4.000	SUMMER	32166	3RS ET	S
21/07/2021	NEL	3	6.120	SUMMER	32166	3RS ET	S
22/07/2021	AW	2	2.010	SUMMER	32166	3RS ET	P
22/07/2021	AW	3	2.980	SUMMER	32166	3RS ET	P
22/07/2021	WL	2	9.208	SUMMER	32166	3RS ET	P
22/07/2021	WL	3	5.108	SUMMER	32166	3RS ET	P
22/07/2021	WL	4	0.310	SUMMER	32166	3RS ET	P
22/07/2021	WL	2	2.660	SUMMER	32166	3RS ET	S
22/07/2021	WL	3	4.919	SUMMER	32166	3RS ET	S
22/07/2021	WL	4	0.660	SUMMER	32166	3RS ET	S
26/07/2021	NWL	2	62.210	SUMMER	32166	3RS ET	P
26/07/2021	NWL	2	10.690	SUMMER	32166	3RS ET	S
28/07/2021	NWL	2	34.380	SUMMER	32166	3RS ET	P
28/07/2021	NWL	3	28.060	SUMMER	32166	3RS ET	P
28/07/2021	NWL	4	0.600	SUMMER	32166	3RS ET	P
28/07/2021	NWL	2	3.370	SUMMER	32166	3RS ET	S
28/07/2021	NWL	3	7.420	SUMMER	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
11-May-21	1	1043	CWD	2	WL	3	74	ON	3RS ET	22.2643	113.8571	SPRING	NONE	S
25-May-21	1	1105	FP	2	SWL	2	16	ON	3RS ET	22.1593	113.9280	SPRING	NONE	P
25-May-21	2	1109	FP	2	SWL	2	17	ON	3RS ET	22.1634	113.9279	SPRING	NONE	P
25-May-21	3	1252	CWD	1	SWL	2	256	ON	3RS ET	22.2042	113.8973	SPRING	NONE	P
25-May-21	4	1438	CWD	6	SWL	3	1	ON	3RS ET	22.1713	113.8681	SPRING	NONE	P
25-May-21	5	1521	CWD	1	SWL	2	129	ON	3RS ET	22.2000	113.8684	SPRING	NONE	P
25-May-21	6	1540	CWD	3	SWL	2	71	ON	3RS ET	22.1914	113.8587	SPRING	NONE	P
25-May-21	7	1610	CWD	3	SWL	2	1	ON	3RS ET	22.1813	113.8594	SPRING	NONE	P
25-May-21	8	1634	CWD	1	SWL	3	461	ON	3RS ET	22.1832	113.8495	SPRING	NONE	P
26-May-21	1	1357	CWD	2	SWL	3	199	ON	3RS ET	22.1911	113.8790	SPRING	NONE	P
26-May-21	2	1437	CWD	3	SWL	3	137	ON	3RS ET	22.1684	113.8685	SPRING	NONE	P
26-May-21	3	1504	CWD	6	SWL	2	631	ON	3RS ET	22.1958	113.8699	SPRING	NONE	P
28-May-21	1	1030	CWD	1	WL	3	651	ON	3RS ET	22.2693	113.8574	SPRING	NONE	P
28-May-21	2	1144	CWD	2	WL	4	240	ON	3RS ET	22.2142	113.8292	SPRING	NONE	P
8-Jun-21	1	1046	CWD	5	WL	2	216	ON	3RS ET	22.2501	113.8418	SUMMER	NONE	P
8-Jun-21	2	1109	CWD	4	WL	2	770	ON	3RS ET	22.2412	113.8427	SUMMER	NONE	P
8-Jun-21	3	1151	CWD	3	WL	3	38	ON	3RS ET	22.2242	113.8198	SUMMER	NONE	S
8-Jun-21	4	1246	CWD	1	WL	3	23	ON	3RS ET	22.1955	113.8333	SUMMER	NONE	P
15-Jun-21	1	1044	CWD	4	WL	3	198	ON	3RS ET	22.2611	113.8514	SUMMER	NONE	P
25-Jun-21	1	1119	CWD	1	SWL	2	45	ON	3RS ET	22.1829	113.9277	SUMMER	NONE	P
25-Jun-21	2	1413	CWD	1	SWL	2	1006	ON	3RS ET	22.1976	113.8787	SUMMER	NONE	P
25-Jun-21	3	1429	CWD	5	SWL	3	202	ON	3RS ET	22.1832	113.8785	SUMMER	NONE	P
25-Jun-21	4	1523	CWD	2	SWL	3	816	ON	3RS ET	22.1938	113.8591	SUMMER	NONE	P
12-Jul-21	1	1225	CWD	1	SWL	3	70	ON	3RS ET	22.1605	113.8981	SUMMER	NONE	S
12-Jul-21	2	1314	CWD	1	SWL	3	1	ON	3RS ET	22.1962	113.8975	SUMMER	NONE	P
12-Jul-21	3	1426	CWD	2	SWL	2	531	ON	3RS ET	22.1933	113.8785	SUMMER	NONE	P
12-Jul-21	4	1507	CWD	5	SWL	3	41	ON	3RS ET	22.1860	113.8690	SUMMER	NONE	P
12-Jul-21	5	1540	CWD	3	SWL	2	63	ON	3RS ET	22.1944	113.8590	SUMMER	NONE	P
12-Jul-21	6	1610	CWD	4	SWL	3	573	ON	3RS ET	22.1894	113.8497	SUMMER	NONE	P
13-Jul-21	1	1357	CWD	3	SWL	2	379	ON	3RS ET	22.2073	113.8789	SUMMER	PURSE SEINER	S
13-Jul-21	2	1413	CWD	2	SWL	2	15	ON	3RS ET	22.2061	113.8780	SUMMER	NONE	P
13-Jul-21	3	1538	CWD	7	SWL	3	14	ON	3RS ET	22.1906	113.8495	SUMMER	PURSE SEINER	P

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
14-Jul-21	1	1036	CWD	1	WL	2	127	ON	3RS ET	22.2621	113.8558	SUMMER	NONE	S
14-Jul-21	2	1044	CWD	2	WL	1	343	ON	3RS ET	22.2616	113.8506	SUMMER	NONE	P
14-Jul-21	3	1055	CWD	5	WL	2	44	ON	3RS ET	22.2608	113.8475	SUMMER	NONE	P
14-Jul-21	4	1109	CWD	3	WL	2	779	ON	3RS ET	22.2546	113.8355	SUMMER	NONE	S
14-Jul-21	5	1147	CWD	4	WL	3	325	ON	3RS ET	22.2399	113.8277	SUMMER	NONE	S
14-Jul-21	6	1214	CWD	2	WL	3	17	ON	3RS ET	22.2300	113.8381	SUMMER	NONE	S
14-Jul-21	7	1240	CWD	3	WL	3	466	ON	3RS ET	22.2143	113.8223	SUMMER	NONE	P
22-Jul-21	1	1037	CWD	8	WL	2	453	ON	3RS ET	22.2644	113.8574	SUMMER	PURSE SEINER	S
22-Jul-21	2	1117	CWD	7	WL	3	411	ON	3RS ET	22.2499	113.8377	SUMMER	NONE	P
22-Jul-21	3	1147	CWD	2	WL	2	358	ON	3RS ET	22.2419	113.8391	SUMMER	NONE	P
22-Jul-21	4	1202	CWD	3	WL	3	32	ON	3RS ET	22.2326	113.8240	SUMMER	NONE	S
22-Jul-21	5	1211	CWD	2	WL	3	221	ON	3RS ET	22.2316	113.8299	SUMMER	NONE	P
22-Jul-21	6	1234	CWD	6	WL	3	22	ON	3RS ET	22.2141	113.8254	SUMMER	NONE	P
22-Jul-21	7	1314	CWD	3	WL	4	20	ON	3RS ET	22.2010	113.8252	SUMMER	NONE	S
22-Jul-21	8	1323	CWD	1	WL	3	170	ON	3RS ET	22.1963	113.8363	SUMMER	NONE	P
22-Jul-21	9	1336	CWD	4	WL	2	115	ON	3RS ET	22.1930	113.8426	SUMMER	PURSE SEINER	S
26-Jul-21	1	1204	CWD	1	NWL	2	567	ON	3RS ET	22.3826	113.8878	SUMMER	NONE	P
26-Jul-21	2	1309	CWD	4	NWL	2	490	ON	3RS ET	22.3885	113.8978	SUMMER	NONE	P
28-Jul-21	1	1035	CWD	1	NWL	2	32	ON	3RS ET	22.2820	113.8694	SUMMER	NONE	P
28-Jul-21	2	1105	CWD	2	NWL	2	302	ON	3RS ET	22.2920	113.8774	SUMMER	NONE	P
28-Jul-21	3	1305	CWD	1	NWL	2	63	ON	3RS ET	22.3522	113.8980	SUMMER	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 424.226 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 29 on-effort sightings and total number of 90 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in July 2021 are shown as below:

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

$$STG = \frac{29}{424.226}\ x\ 100 = 6.84$$

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

$$ANI = \frac{90}{424.226}\ x\ 100 = 21.22$$

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

A total of 1116.930 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 49 on-effort sightings and total number of 145 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)

$$STG = \frac{49}{1116.930}\ x\ 100 = 4.39$$

Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{145}{1116.930}\ x\ 100 = 12.98$$

CWD Small Vessel Line-transect Survey **Photo Identification**

SLMM014_20210712_2_2	SLMM037_20210712_3_1
WLMM001_20210712_4_3	WLMM114_20210712_4_5
WLMM073_20210712_5_3	WLMM009_20210712_6_2
SLMM060_20210713_1_5	SLMM037_20210713_2_2

SLMM012_20210713_3_1	SLMM023_20210713_3_4
SLMM027_20210713_3_1	SLMM034_20210713_3_2
SLMM049_20210713_3_4	WLMM114_20210713_3_1
WLMM043_20210714_1_1	SLMM003_20210714_2_3

SLMM010_20210714_2_1	WLMM030_20210714_3_3
WLMM091_20210714_3_5	WLMM092_20210714_3_5
WLMM043_20210714_4_1	SLMM014_20210714_5_2
WLMM076_20210714_6_7	WLMM131_20210714_6_7

SLMM003_20210714_7_3	SLMM037_20210714_7_3
NLMM078_20210722_1_21	SLMM010_20210722_1_3
WLMM043_20210722_1_6	WLMM067_20210722_1_4
WLMM076_20210722_1_3	WLMM122_20210722_1_3

SLMM010_20210722_2_2	SLMM045_20210722_2_3
WLMM166_20210722_2_1	SLMM064_20210722_3_3
WLMM001_20210722_3_8	NLMM001_20210722_4_4
WLMM063_20210722_5_2	WLMM092_20210722_6_2

WLMM028_20210722_7_3	WLMM029_20210722_7_1
WLMM028_20210722_9_1	NLMM013_20210726_1_8
NLMM009_20210726_2_4	NLMM013_20210726_2_1
NLMM015_20210726_2_1	WLMM089_20210728_1_19

WLMM089_20210728_2_2	NLMM023_20210728_3_4

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
12/Jul/21	Lung Kwu Chau	8:51	14:51	6:00	2	1	1	2
27/Jul/21	Sha Chau	10:47	16:47	6:00	2	2-3	0	0

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