

Appendix D. Monitoring Results

Air Quality Monitoring Results

1-hour TSP Results

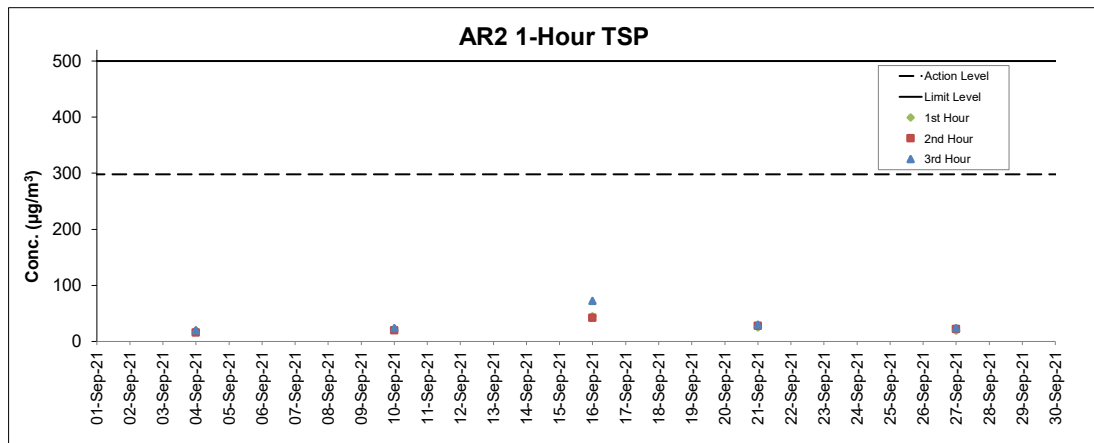
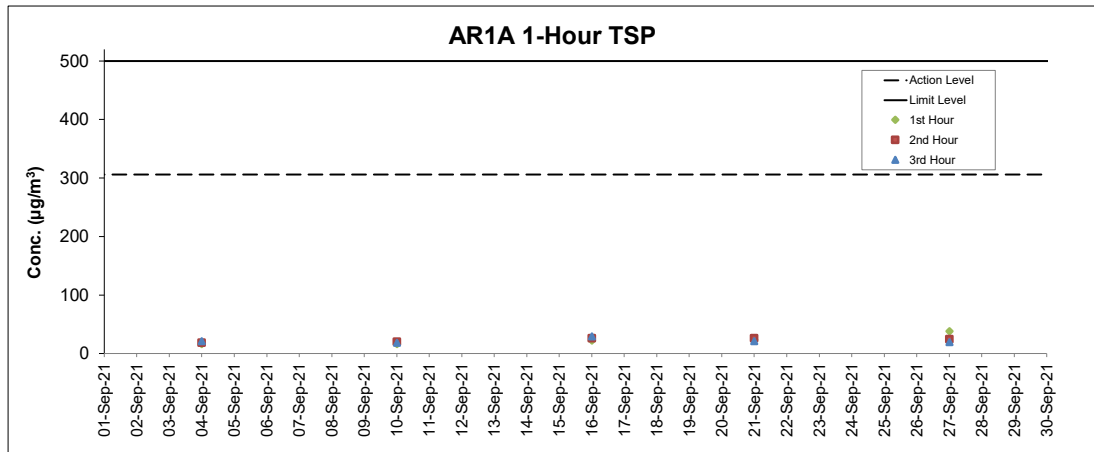
Station: AR1A- Man Tung Road Park

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
04-Sep-21	8:32	Cloudy	2.8	Variable	16	306	500
04-Sep-21	9:32	Cloudy	4.2	322	18	306	500
04-Sep-21	10:32	Cloudy	1.7	355	21	306	500
10-Sep-21	14:10	Cloudy	4.7	261	16	306	500
10-Sep-21	15:10	Cloudy	3.6	277	20	306	500
10-Sep-21	16:10	Cloudy	1.9	301	18	306	500
16-Sep-21	14:15	Sunny	1.7	290	22	306	500
16-Sep-21	15:15	Sunny	1.4	Variable	26	306	500
16-Sep-21	16:15	Sunny	4.2	232	29	306	500
21-Sep-21	13:04	Cloudy	5.3	207	23	306	500
21-Sep-21	14:04	Cloudy	7.8	66	26	306	500
21-Sep-21	15:04	Cloudy	3.9	162	21	306	500
27-Sep-21	13:22	Cloudy	3.9	249	38	306	500
27-Sep-21	14:22	Cloudy	3.9	268	24	306	500
27-Sep-21	15:22	Cloudy	3.3	251	19	306	500

1-hour TSP Results

Station: AR2- Village House, Tin Sum

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
04-Sep-21	13:41	Cloudy	1.7	Variable	20	298	500
04-Sep-21	14:41	Cloudy	4.2	271	16	298	500
04-Sep-21	15:41	Cloudy	3.3	280	20	298	500
10-Sep-21	14:32	Sunny	4.7	267	21	298	500
10-Sep-21	15:32	Sunny	3.1	263	20	298	500
10-Sep-21	16:32	Sunny	2.8	268	24	298	500
16-Sep-21	14:03	Cloudy	1.7	259	45	298	500
16-Sep-21	15:03	Cloudy	1.4	Variable	42	298	500
16-Sep-21	16:03	Cloudy	5.0	232	72	298	500
21-Sep-21	9:12	Cloudy	2.2	335	25	298	500
21-Sep-21	10:12	Cloudy	2.2	343	28	298	500
21-Sep-21	11:12	Cloudy	3.9	318	30	298	500
27-Sep-21	9:10	Cloudy	3.1	60	19	298	500
27-Sep-21	10:10	Cloudy	2.5	76	22	298	500
27-Sep-21	11:10	Cloudy	2.8	331	24	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) ^
10-Sep-21	Cloudy	14:32	69.6	54.4	66
10-Sep-21	Cloudy	14:37	65.4	55.0	
10-Sep-21	Cloudy	14:42	59.7	53.5	
10-Sep-21	Cloudy	14:47	59.8	52.8	
10-Sep-21	Cloudy	14:52	61.8	52.3	
10-Sep-21	Cloudy	14:57	62.5	51.5	
16-Sep-21	Sunny	14:05	61.8	50.5	63
16-Sep-21	Sunny	14:10	65.0	50.3	
16-Sep-21	Sunny	14:15	61.7	49.9	
16-Sep-21	Sunny	14:20	64.3	49.5	
16-Sep-21	Sunny	14:25	64.8	49.9	
16-Sep-21	Sunny	14:30	60.6	50.7	
21-Sep-21	Cloudy	14:07	72.7	55.2	69
21-Sep-21	Cloudy	14:12	69.2	54.6	
21-Sep-21	Cloudy	14:17	68.3	51.8	
21-Sep-21	Cloudy	14:22	68.2	52.1	
21-Sep-21	Cloudy	14:27	68.9	56.0	
21-Sep-21	Cloudy	14:32	70.1	50.7	
27-Sep-21	Cloudy	13:54	67.9	54.5	69
27-Sep-21	Cloudy	13:59	69.0	54.9	
27-Sep-21	Cloudy	14:04	67.9	52.6	
27-Sep-21	Cloudy	14:09	65.7	58.0	
27-Sep-21	Cloudy	14:14	67.2	57.2	
27-Sep-21	Cloudy	14:19	68.9	57.8	

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) ^
08-Sep-21	Cloudy	13:04	66.1	57.3	65
08-Sep-21	Cloudy	13:09	63.8	55.9	
08-Sep-21	Cloudy	13:14	64.8	55.8	
08-Sep-21	Cloudy	13:19	65.1	55.6	
08-Sep-21	Cloudy	13:24	64.5	54.3	
08-Sep-21	Cloudy	13:29	65.6	55.2	
15-Sep-21	Cloudy	13:15	62.6	59.2	65
15-Sep-21	Cloudy	13:20	63.0	59.2	
15-Sep-21	Cloudy	13:25	63.5	59.4	
15-Sep-21	Cloudy	13:30	63.8	58.7	
15-Sep-21	Cloudy	13:35	62.4	58.2	
15-Sep-21	Cloudy	13:40	63.0	59.5	
20-Sep-21	Cloudy	13:00	63.3	60.4	66
20-Sep-21	Cloudy	13:05	62.9	59.5	
20-Sep-21	Cloudy	13:10	62.5	59.2	
20-Sep-21	Cloudy	13:15	63.5	60.1	
20-Sep-21	Cloudy	13:20	64.1	58.4	
20-Sep-21	Cloudy	13:25	65.6	59.2	
28-Sep-21	Cloudy	11:02	60.0	52.7	63
28-Sep-21	Cloudy	11:07	61.0	53.3	
28-Sep-21	Cloudy	11:12	60.0	52.2	
28-Sep-21	Cloudy	11:17	63.4	55.2	
28-Sep-21	Cloudy	11:22	61.9	53.4	
28-Sep-21	Cloudy	11:27	64.1	53.4	

Remarks:

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

Noise Measurement Results

Station: NM5- Village House, Tin Sum

Date	Weather	Time	Measured	Measured	L _{eq(30mins)} dB(A) ^
			L ₁₀ dB(A)	L ₉₀ dB(A)	
10-Sep-21	Sunny	14:16	46.3	44.2	55
10-Sep-21	Sunny	14:21	53.2	44.9	
10-Sep-21	Sunny	14:26	52.1	50.8	
10-Sep-21	Sunny	14:31	52.0	50.7	
10-Sep-21	Sunny	14:36	52.4	50.8	
10-Sep-21	Sunny	14:41	52.8	50.4	
16-Sep-21	Cloudy	14:04	51.1	44.1	55
16-Sep-21	Cloudy	14:09	58.4	44.2	
16-Sep-21	Cloudy	14:14	50.1	43.8	
16-Sep-21	Cloudy	14:19	56.4	43.3	
16-Sep-21	Cloudy	14:24	48.0	43.8	
16-Sep-21	Cloudy	14:29	47.9	42.8	
21-Sep-21	Cloudy	09:18	55.2	46.0	57
21-Sep-21	Cloudy	09:23	44.2	41.0	
21-Sep-21	Cloudy	09:28	46.5	40.9	
21-Sep-21	Cloudy	09:33	50.0	43.0	
21-Sep-21	Cloudy	09:38	51.0	41.0	
21-Sep-21	Cloudy	09:43	58.1	41.4	
27-Sep-21	Cloudy	09:22	62.5	50.1	61*
27-Sep-21	Cloudy	09:27	61.1	46.8	
27-Sep-21	Cloudy	09:32	61.6	45.5	
27-Sep-21	Cloudy	09:37	62.2	48.2	
27-Sep-21	Cloudy	09:42	61.4	48.6	
27-Sep-21	Cloudy	09:47	59.4	51.1	

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

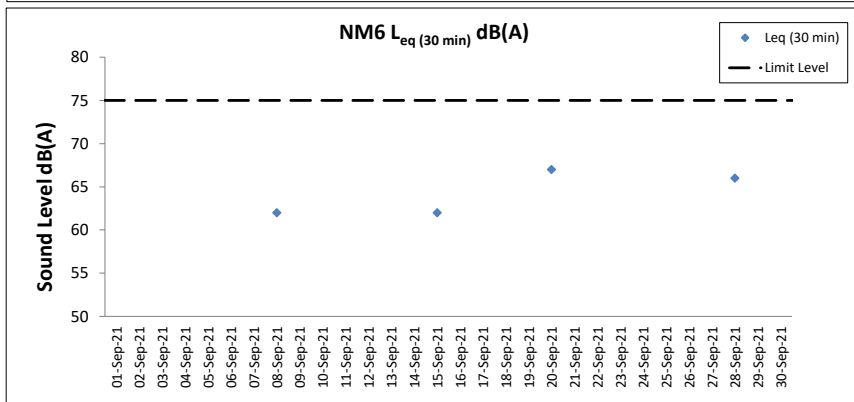
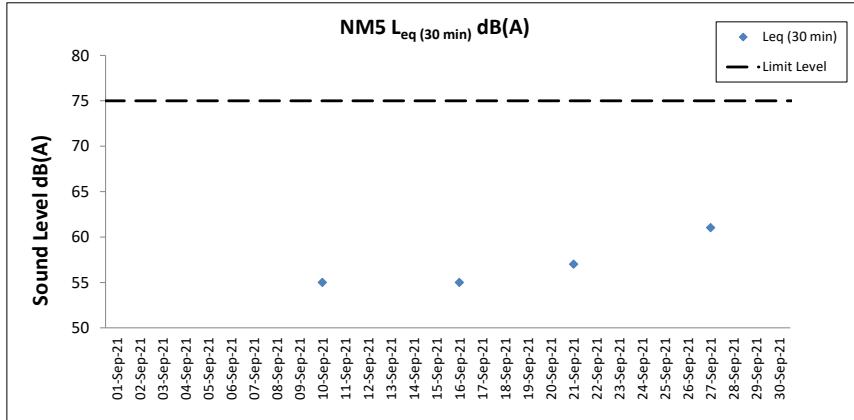
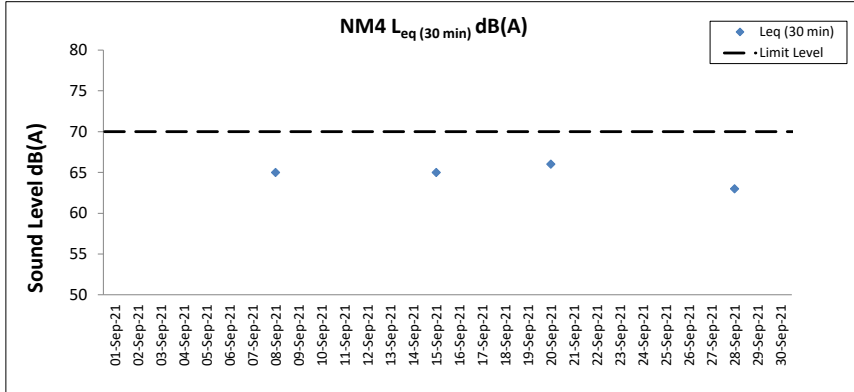
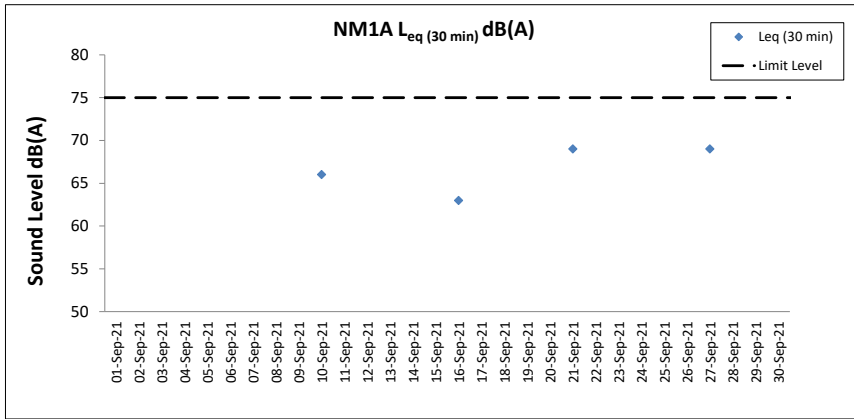
Station: NM6- House No.1 Sha Lo Wan

Date	Weather	Time	Measured	Measured	L _{eq(30mins)} dB(A) ^
			L ₁₀ dB(A)	L ₉₀ dB(A)	
08-Sep-21	Cloudy	15:42	68.8	59.5	62*
08-Sep-21	Cloudy	15:47	68.9	61.5	
08-Sep-21	Cloudy	15:52	69.5	60.1	
08-Sep-21	Cloudy	15:57	67.2	56.7	
08-Sep-21	Cloudy	16:02	69.9	62.1	
08-Sep-21	Cloudy	16:07	69.4	60.6	
15-Sep-21	Cloudy	15:44	60.2	44.3	62*
15-Sep-21	Cloudy	15:49	65.4	42.1	
15-Sep-21	Cloudy	15:54	65.9	41.9	
15-Sep-21	Cloudy	15:59	71.2	44.9	
15-Sep-21	Cloudy	16:04	72.9	44.3	
15-Sep-21	Cloudy	16:09	63.6	45.0	
20-Sep-21	Cloudy	15:47	73.7	55.1	67
20-Sep-21	Cloudy	15:52	62.4	55.1	
20-Sep-21	Cloudy	15:57	62.4	53.1	
20-Sep-21	Cloudy	16:02	65.7	53.5	
20-Sep-21	Cloudy	16:07	64.4	55.4	
20-Sep-21	Cloudy	16:12	64.0	54.8	
28-Sep-21	Cloudy	09:44	63.1	52.2	66
28-Sep-21	Cloudy	09:49	68.0	57.2	
28-Sep-21	Cloudy	09:54	65.8	55.9	
28-Sep-21	Cloudy	09:59	68.9	58.9	
28-Sep-21	Cloudy	10:04	66.8	54.9	
28-Sep-21	Cloudy	10:09	62.2	52.9	

Remarks:

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

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



Notes

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

Water Quality Monitoring Results

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

Water Quality Monitoring Results on 02 September 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	09:09	8.6	Surface	1.0	0.3	229	26.8	26.8	7.6	7.6	29.4	29.4	73.3	73.2	5.0	4.9	2.8	3.6	3	4	815610	804226
						1.0	0.4	241	26.8	7.6	7.6	29.4	29.4	73.0	71.8	5.0	4.9	2.7	3					
						4.3	0.4	226	26.9	7.6	7.6	29.7	29.7	72.0	71.8	4.9	4.9	3.9	4					
					Middle	4.3	0.4	233	26.9	7.6	7.6	29.8	29.8	71.6	71.8	4.8	4.8	4.0	5					
						7.6	0.3	219	27.3	7.6	7.6	29.7	29.5	71.5	74.4	4.8	5.0	4.0	5					
						7.6	0.3	227	27.4	7.6	7.6	29.3	29.5	77.2	74.4	5.2	5.0	4.1	6					
C2	Sunny	Moderate	10:38	10.8	Surface	1.0	0.6	174	26.7	26.7	7.9	7.9	25.5	25.5	68.3	67.8	4.8	4.2	4.0	7.3	4	4	825670	806949
						1.0	0.6	184	26.6	7.9	7.9	25.6	25.5	67.3	67.8	4.7	4.2	4.0	5					
						5.4	0.3	174	25.7	7.8	7.8	27.9	28.0	52.2	52.2	3.6	3.3	4.5	3					
					Middle	5.4	0.3	176	25.6	7.8	7.8	28.0	28.0	52.1	52.2	3.6	3.3	4.7	3					
						9.8	0.4	159	25.2	7.8	7.8	28.8	28.8	46.9	47.0	3.3	3.3	13.1	3					
						9.8	0.4	164	25.2	7.8	7.8	28.8	28.8	47.1	47.0	3.3	3.3	13.4	3					
C3	Sunny	Moderate	08:30	10.6	Surface	1.0	0.7	103	26.4	26.4	7.9	7.9	26.6	26.6	70.5	70.5	4.9	4.7	2.6	5.7	4	4	822117	817789
						1.0	0.7	107	26.4	7.9	7.9	26.6	26.6	70.4	70.5	4.9	4.7	2.7	3					
						5.3	0.4	87	25.9	7.9	7.9	27.9	28.0	64.0	63.9	4.5	4.5	3.7	4					
					Middle	5.3	0.4	89	25.8	7.9	7.9	28.0	28.0	63.8	63.9	4.4	4.5	3.8	5					
						9.6	0.5	35	25.0	7.8	7.8	29.4	29.4	53.5	53.5	3.7	3.7	10.4	4					
						9.6	0.5	35	25.0	7.9	7.9	29.4	29.4	53.5	53.5	3.7	3.7	11.1	5					
IM1	Fine	Calm	09:31	4.2	Surface	1.0	0.0	181	26.6	26.6	7.6	7.6	29.7	29.7	65.2	65.7	4.5	4.5	5.4	5.7	5	4	817930	807121
						1.0	0.0	189	26.6	7.6	7.6	29.7	29.7	66.1	65.7	4.5	4.5	5.4	5					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.2	0.0	149	26.5	7.6	7.6	29.8	29.8	66.5	66.8	4.5	4.6	6.1	3					
						3.2	0.0	153	26.5	7.6	7.6	29.8	29.8	67.1	66.8	4.6	4.6	6.0	4					
IM2	Fine	Calm	09:39	6.2	Surface	1.0	0.1	141	26.6	26.6	7.6	7.6	29.8	29.9	67.8	67.4	4.6	4.5	3.8	4.5	5	4	818155	806159
						1.0	0.1	148	26.5	7.6	7.6	29.9	29.9	67.0	67.4	4.6	4.5	3.8	4					
						3.1	0.2	123	26.4	7.6	7.6	30.2	30.2	65.1	65.2	4.4	4.4	4.3	4					
					Middle	3.1	0.2	127	26.4	7.6	7.6	30.2	30.2	65.2	65.2	4.4	4.4	4.4	4					
						5.2	0.1	135	26.4	7.6	7.6	30.2	30.1	63.9	64.6	4.4	4.5	5.3	4					
						5.2	0.1	135	26.5	7.6	7.6	30.0	30.1	65.3	64.6	4.5	4.5	5.2	3					
IM3	Fine	Calm	09:45	6.4	Surface	1.0	0.3	162	26.4	26.4	7.6	7.6	30.1	30.2	68.3	68.2	4.6	4.5	7.6	8.5	3	3	818805	805585
						1.0	0.3	172	26.4	7.6	7.6	30.2	30.2	68.1	68.2	4.6	4.5	7.7	3					
						3.2	0.2	154	26.4	7.6	7.6	30.3	30.4	64.1	64.2	4.3	4.4	8.5	3					
					Middle	3.2	0.2	160	26.4	7.6	7.6	30.4	30.4	64.3	64.2	4.4	4.4	8.5	3					
						5.4	0.1	135	26.3	7.6	7.6	30.5	30.4	65.5	65.5	4.5	4.5	9.4	<2					
						5.4	0.1	138	26.4	7.6	7.6	30.4	30.4	65.4	65.5	4.4	4.5	9.4	<2					
IM4	Fine	Calm	09:56	8.0	Surface	1.0	0.8	196	28.0	28.0	7.6	7.6	23.8	23.8	81.6	81.4	5.6	5.2	7.2	8.1	2	2	819712	804598
						1.0	0.8	199	28.0	7.6	7.6	23.8	23.8	81.2	81.4	5.6	5.2	7.1	2					
						4.0	0.7	203	26.7	7.6	7.6	29.4	29.5	69.9	69.5	4.8	4.7	8.1	2					
					Middle	4.0	0.7	220	26.7	7.6	7.6	29.6	29.5	69.1	69.5	4.7	4.7	8.2	2					
						7.0	0.4	178	26.6	7.6	7.6	29.8	29.7	70.2	72.5	4.8	5.0	9.0	<2					
						7.0	0.4	181	26.7	7.6	7.6	29.7	29.7	74.8	72.5	5.1	5.0	9.0	<2					
IM5	Fine	Calm	10:05	7.2	Surface	1.0	0.6	203	27.2	27.2	7.6	7.6	25.5	25.6	77.2	77.1	5.3	5.3	2.0	2.4	3	3	820722	804864
						1.0	0.7	212	27.1	7.6	7.6	25.7	25.6	77.0	77.1	5.3	5.3	2.0	3					
						3.6	0.6	218	27.0	7.6	7.6	28.2	28.2	77.1	77.4	5.3	5.3	2.2	3					
					Middle	3.6	0.6	238	27.0	7.6	7.6	28.2	28.2	77.6	77.4	5.3	5.3	2.2	3					
						6.2	0.4	208	27.0	7.6	7.6	28.4	28.3	80.3	80.9	5.5	5.5	3.0	3					
						6.2	0.4	214	27.0	7.6	7.6	28.2	28.3	81.4	80.9	5.5	5.5	3.0	3					
IM6	Fine	Calm	10:14	6.6	Surface	1.0	0.4	208	27.4	27.4	7.6	7.6	26.6	26.6	81.8	81.7	5.6	5.6	1.0	1.9	3	2	821075	805815
						1.0	0.4	220	27.3	7.6	7.6	26.7	26.6	81.6	81.7	5.6	5.6	1.1	3					
						3.3	0.3	210	27.3	7.6	7.6	27.0	27.0	81.2	81.2	5.5	5.5	1.9	2					
					Middle	3.3	0.3	216	27.2	7.6	7.6	27.1	27.0	81.2	81.2	5.5	5.5	1.9	2					
						5.6	0.3	240	27.2	7.6	7.6	27.4	27.4	82.1	82.9	5.6	5.7	2.9	2					
						5.6	0.3	262	27.2	7.6	7.6	27.3	27.4	83.7	82.9	5.7	5.7	2.9	2					
IM7	Fine	Calm	10:22	7.8	Surface	1.0	0.2	254	27.2	27.2	7.6	7.6	27.5	27.6	79.6	77.9	5.4	5.2	1.3	2.4	4	4	821358	806822
						1.0	0.2	260	27.1	7.6	7.6	27.7	27.6	76.1	77.9	5.2	5.2	1.2	4					
						3.9	0.2	242	27.0	7.6	7.6	28.0	28.0	75.1	74.9	5.1	5.1	2.5	4					
					Middle	3.9	0.2	243	27.0	7.6	7.6	28.1	28.0	74.6	74.9	5.1	5.1	2.4	3					
						6.8	0.1	242	26.9	7.6	7.6	28.3	28.1	74.0	75.6	5.0	5.2	3.5	3					
						6.8	0.1	261	27.0	7.6	7.6	27.9	28.1	77.2	75.6	5.3	5.3	3.5	3					
IM8	Sunny	Moderate	10:13	7.4	Surface	1.0	0.1	73	27.0	27.0	7.9	7.9	25.1	25.1	72.8	72.8	5.0	5.0	2.3	4.8	5	4	821808	808139
						1.0	0.1	74	27.0	7.9	7.9	25.1	25.1	72.7	72.8	5.0	5.0	2.3	4					
						3.7	0.2	109	27.0	7.9	7.9	25.1	25.1	72.3	72.4	5.0	5.0	2.9	4					
					Middle	3.7	0.2	115	26.9	7.9	7.9	25.2	25.1	72.4	72.4	5.0	5.0	3.1	4					
						6.4	0.2	54	26.4	7.9	7.9	26.7	26.7	67.1	67.1	4.7	4.7	9.0	4					
						6.4	0.2	56	26.4	7.9	7.9	26.7	26.7	67.1	67.1	4.7	4.7	9.4	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 **02 September 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	10:08	6.4	Surface	1.0	0.4	67	26.9	26.9	7.9	7.9	25.2	25.3	70.7	70.7	4.9	4.9	2.3	4	3	822107	808812								
						1.0	0.4	67	26.9	7.9	7.9	25.3	25.5	70.6	69.9	4.9	4.9	2.3	5												
						3.2	0.4	89	26.8	7.9	7.9	25.5	25.5	69.9	69.9	4.9	4.9	2.4	3												
					Middle	3.2	0.4	95	26.8	26.8	7.9	7.9	25.5	26.8	7.9	7.9	25.5	25.5	69.8	69.8				4.8	4.8	2.4	3				
						5.4	0.3	84	26.6	26.6	7.9	7.9	25.9	26.6	7.9	7.9	25.9	25.9	70.8	71.0				4.9	4.9	3.0	3				
						5.4	0.3	90	26.6	26.6	7.9	7.9	25.9	26.6	7.9	7.9	25.9	25.9	71.2	71.0				4.9	4.9	3.0	2				
					IM10	Sunny	Moderate	10:01	7.3	Surface	1.0	0.7	87	26.7	26.7	7.9	7.9	25.7	25.8	65.8				65.8	4.6	4.6	2.8	2	3	822368	809790
											1.0	0.7	89	26.7	26.7	7.9	7.9	25.8	26.3	65.8				65.8	4.6	4.6	2.8	2			
											3.7	0.8	90	26.5	26.5	7.9	7.9	26.3	26.3	60.7				60.7	4.2	4.2	3.1	3			
Middle	3.7	0.9	96	26.5						26.5	7.9	7.9	26.3	26.3	60.7	60.7	4.2	4.2	3.2	3											
	6.3	0.7	89	26.1						26.1	7.9	7.9	27.7	27.7	54.1	54.2	3.8	3.8	8.4	4											
	6.3	0.7	95	26.1						26.1	7.9	7.9	27.7	27.7	54.2	54.2	3.8	3.8	8.4	3											
IM11	Sunny	Moderate	09:48	8.4						Surface	1.0	1.0	112	26.8	26.8	7.9	7.9	25.7	25.8	68.6	68.5	4.8	4.8	3.4	4	3	822071	811440			
											1.0	1.1	114	26.7	26.7	7.9	7.9	25.8	26.9	68.3	68.3	4.7	4.7	3.7	4						
											4.2	0.9	105	26.3	26.3	7.9	7.9	26.9	26.9	56.5	56.5	3.9	3.9	6.8	4						
					Middle	4.2	0.9	114	26.3	26.3	7.9	7.9	26.9	26.9	56.4	56.5	3.9	3.9	6.8	2											
						7.4	0.6	95	26.2	26.2	7.9	7.9	27.2	27.2	56.6	56.8	3.9	4.0	9.6	3											
						7.4	0.6	101	26.2	26.2	7.9	7.9	27.2	27.2	56.9	56.8	4.0	4.0	9.8	3											
					IM12	Sunny	Moderate	09:42	9.0	Surface	1.0	0.8	113	27.1	27.1	7.9	7.9	25.4	25.4	75.4	75.4	5.2	5.2	2.0	2				3	821441	812049
											1.0	0.8	115	27.1	27.1	7.9	7.9	25.4	26.9	75.3	75.4	5.2	5.2	2.0	2						
											4.5	0.8	91	26.3	26.3	7.8	7.8	26.8	26.9	60.0	59.9	4.2	4.7	5.1	3						
Middle	4.5	0.8	98	26.3						26.3	7.8	7.8	26.9	26.3	59.8	59.9	4.2	4.2	5.3	3											
	8.0	0.5	80	26.0						26.0	7.8	7.8	27.6	27.6	54.5	54.7	3.8	3.8	8.9	4											
	8.0	0.5	87	26.0						26.0	7.8	7.8	27.6	26.0	54.8	54.7	3.8	3.8	8.9	4											
SR1A	Sunny	Moderate	09:11	5.3						Surface	1.0	-	-	26.6	26.6	7.8	7.8	26.2	26.3	64.0	64.0	4.4	4.4	5.8	3	3	819971	812655			
											1.0	-	-	26.6	26.6	7.8	7.8	26.3	26.3	63.9	64.0	4.4	4.4	6.1	3						
											2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
						4.3	-	-	26.1	26.1	7.8	7.8	27.2	27.2	57.0	57.1	4.0	4.0	9.7	3											
						4.3	-	-	26.1	26.1	7.8	7.8	27.2	27.2	57.2	57.1	4.0	4.0	9.7	4											
					SR2	Sunny	Moderate	08:55	5.1	Surface	1.0	0.6	71	26.6	26.6	7.9	7.9	26.0	26.0	73.5	73.4	5.1	5.1	2.3	3				3	821453	814154
											1.0	0.6	75	26.6	26.6	7.9	7.9	26.1	26.0	73.3	73.4	5.1	5.1	2.3	3						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	4.1	0.3	40	26.4						26.4	7.9	7.9	26.6	26.6	68.2	68.3	4.7	4.7	2.3	3											
	4.1	0.3	40	26.4						26.4	7.9	7.9	26.6	26.6	68.3	68.3	4.7	4.7	2.3	4											
SR3	Sunny	Moderate	10:19	8.4						Surface	1.0	0.1	89	26.6	26.6	7.9	7.9	26.2	26.2	63.8	63.8	4.4	4.4	3.2	2	4	822131	807553			
											1.0	0.1	89	26.5	26.5	7.9	7.9	26.2	26.2	63.7	63.8	4.4	4.4	3.3	4						
											4.2	0.1	189	26.5	26.5	7.9	7.9	26.6	26.6	63.8	63.9	4.4	4.4	4.0	4						
					Middle	4.2	0.1	206	26.5	26.5	7.9	7.9	26.6	26.6	63.9	63.9	4.4	4.4	4.1	4											
						7.4	0.0	101	25.9	25.9	7.9	7.9	28.4	28.4	53.4	53.5	3.7	3.7	7.7	4											
						7.4	0.0	101	25.9	25.9	7.9	7.9	28.4	28.4	53.6	53.5	3.7	3.7	7.8	4											
					SR4A	Fine	Calm	08:49	8.6	Surface	1.0	0.1	78	26.5	26.5	7.6	7.6	30.0	30.0	66.2	65.8	4.5	4.5	3.7	4				4	817190	807816
											1.0	0.1	80	26.5	26.5	7.6	7.6	30.1	30.0	65.4	65.4	4.4	4.5	3.8	5						
											4.3	0.1	61	26.8	26.9	7.6	7.6	30.2	30.2	64.1	66.4	4.3	4.3	4.8	4						
Middle	4.3	0.1	64	26.9						26.9	7.6	7.6	30.2	30.2	68.6	66.4	4.6	4.6	4.8	4											
	7.6	0.1	53	27.2						27.3	7.6	7.6	30.1	30.0	70.7	71.3	4.7	4.8	5.1	4											
	7.6	0.1	56	27.3						27.3	7.6	7.6	30.0	30.0	71.8	71.3	4.8	4.8	5.0	4											
SR5A	Fine	Calm	08:32	3.2						Surface	1.0	0.1	196	27.6	27.6	7.5	7.5	27.0	27.0	79.7	80.0	5.4	5.4	4.1	4	4	816594	810707			
											1.0	0.1	199	27.5	27.5	7.5	7.5	27.0	27.0	80.2	80.2	5.4	5.4	4.2	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
						2.2	0.1	166	27.4	27.4	7.5	7.5	27.1	27.2	83.0	83.9	5.6	5.7	5.4	4											
						2.2	0.1	181	27.4	27.4	7.5	7.5	27.2	27.2	84.7	83.9	5.8	5.7	5.4	4											
					SR6A	Fine	Calm	08:06	5.0	Surface	1.0	0.1	5	27.1	27.2	7.5	7.5	27.8	27.9	65.8	65.6	4.5	4.5	4.1	6				5	817961	814727
											1.0	0.1	5	27.2	27.2	7.5	7.5	27.9	27.9	65.3	65.6	4.4	4.5	4.1	5						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	4.0	0.0	78	27.4						27.4	7.5	7.5	28.2	28.2	65.3	65.2	4.5	4.5	5.0	5											
	4.0	0.0	83	27.4						27.4	7.5	7.5	28.1	28.2	65.1	65.2	4.4	4.5	5.0	5											
SR7	Sunny	Moderate	07:57	16.4						Surface	1.0	1.2	48	26.1	26.1	7.9	7.9	27.3	27.3	72.7	72.7	5.1	5.1	2.0	4	3	823638	823743			
											1.0	1.3	52	26.1	26.1	7.9	7.9	27.3	27.3	72.6	72.7	5.1	5.1	2.0	4						
											8.2	0.6	22	25.6	25.6	7.9	7.9	28.5	28.5	65.9	65.9	4.6	4.6	2.5	4						
					Middle	8.2	0.6	23	25.6	25.6	7.9	7.9	28.5	28.5	65.8	65.9	4.6	4.6	2.6	4											
						15.4	0.5	43	25.4	25.4	7.9	7.9	28.8	28.8	65.9	66.1	4.6	4.6	4.2	2											
						15.4	0.5	45	25.4	25.4	7.9	7.9	28.7	28.8	66.3	66.1	4.6	4.6	4.1	2											
					SR8	Sunny	Moderate	09:34	4.8	Surface	1.0	-	-	27.2	27.2	7.8	7.8	25.9	25.9	69.1	69.0	4.8	4.8	4.5	2				3	820408	811640
											1.0	-	-	27.1	27.1	7.8	7.8	26.0	26.0	68.9	69.0	4.7	4.7	4.7	3						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.8	-	-	26.6						26.6	7.8	7.8	26.2	26.2	62.2	62.4	4.3	4.3	6.1	4											
	3.8	-	-	26.6						26.6	7.8	7.8	26.2	26.2	62.5	62.4	4.3	4.3	6.2	3											

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 02 September 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	21:35	7.6	Surface	1.0	0.8	36	26.9	26.9	7.6	7.6	27.5	27.2	78.8	78.2	5.4	5.1	3.2	3.8	3	2	815638	804239
						1.0	0.8	39	26.8	26.8	7.6	7.6	26.8	29.1	77.5	78.2	5.4	5.1	3.1	3				
						3.8	0.5	21	26.8	26.8	7.6	7.6	29.7	29.7	71.1	71.2	4.8	5.3	3.5	2				
					3.8	0.5	24	26.8	26.8	7.6	7.6	29.7	29.7	71.2	71.2	4.8	5.3	3.6	2					
					6.6	0.4	35	26.7	26.7	7.6	7.6	29.8	29.8	76.7	77.8	5.2	5.3	4.7	2					
					6.6	0.4	33	26.7	26.7	7.6	7.6	29.8	29.8	76.9	77.8	5.3	5.3	4.6	2					
C2	Cloudy	Moderate	20:38	11.2	Surface	1.0	0.3	343	26.5	26.5	7.8	7.8	25.1	25.2	65.8	65.7	4.6	4.1	3.9	4.5	3	3	825693	806951
						1.0	0.3	343	26.4	26.4	7.8	7.8	25.2	25.2	65.5	65.7	4.6	4.1	3.9	2				
						5.6	0.5	1	25.9	25.9	7.8	7.8	27.6	27.7	51.9	51.9	3.6	3.2	4.3	3				
					5.6	0.5	1	25.8	25.8	7.8	7.8	27.7	27.7	51.9	51.9	3.6	3.2	4.4	3					
					10.2	0.4	348	25.2	25.2	7.8	7.8	28.8	28.8	45.6	45.8	3.2	3.2	5.5	4					
					10.2	0.5	320	25.2	25.2	7.8	7.8	28.8	28.8	45.9	45.8	3.2	3.2	5.3	4					
C3	Cloudy	Moderate	22:19	11.8	Surface	1.0	0.5	296	26.3	26.3	7.9	7.9	27.0	27.0	59.3	59.3	4.1	4.1	5.9	5.7	3	4	822107	817796
						1.0	0.5	313	26.3	26.3	7.9	7.9	27.0	27.0	59.3	59.3	4.1	4.1	5.9	3				
						5.9	0.4	272	25.6	25.6	7.9	7.9	28.2	28.3	58.2	58.2	4.1	4.1	5.6	3				
					5.9	0.4	272	25.5	25.5	7.9	7.9	28.3	28.3	58.2	58.2	4.1	4.1	5.5	3					
					10.8	0.4	280	25.0	25.0	7.9	7.9	29.1	29.1	52.6	52.8	3.7	3.7	5.6	5					
					10.8	0.4	304	25.0	25.0	7.9	7.9	29.0	29.0	52.9	52.8	3.7	3.7	5.6	5					
IM1	Fine	Calm	21:15	4.0	Surface	1.0	0.1	355	26.7	26.7	7.6	7.6	30.0	30.0	68.1	67.8	4.6	4.6	5.8	6.0	<2	<2	817926	807125
						1.0	0.1	327	26.6	26.6	7.6	7.6	30.1	30.1	67.5	67.8	4.6	4.6	5.8	<2				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					3.0	0.1	14	26.6	26.6	7.6	7.6	30.4	30.4	72.4	73.1	4.9	5.0	6.1	<2					
					3.0	0.1	15	26.6	26.6	7.6	7.6	30.3	30.3	73.8	73.1	5.0	5.0	6.2	<2					
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
IM2	Fine	Calm	21:08	6.0	Surface	1.0	0.1	50	26.5	26.5	7.6	7.6	30.2	30.3	65.3	65.3	4.5	4.5	5.4	6.5	2	2	818171	806154
						1.0	0.1	62	26.4	26.4	7.6	7.6	30.3	30.3	65.2	67.4	4.5	4.5	5.3	3				
						3.0	0.1	37	26.4	26.4	7.6	7.6	30.7	30.8	67.2	67.4	4.5	4.5	6.9	2				
					3.0	0.1	38	26.4	26.4	7.6	7.6	30.8	30.8	67.5	67.4	4.5	4.5	6.9	2					
					5.0	0.1	63	26.4	26.4	7.6	7.6	30.9	30.9	65.1	65.3	4.4	4.4	7.3	<2					
					5.0	0.1	63	26.4	26.4	7.6	7.6	30.9	30.9	65.5	65.3	4.4	4.4	7.3	<2					
IM3	Fine	Calm	21:02	6.2	Surface	1.0	0.2	58	27.3	27.3	7.6	7.6	28.4	28.4	77.7	77.7	5.3	5.3	2.1	3.3	2	2	818776	805597
						1.0	0.2	61	27.3	27.3	7.6	7.6	28.4	28.4	77.7	77.7	5.3	5.3	2.1	2				
						3.1	0.2	53	27.2	27.2	7.6	7.6	28.6	28.7	77.5	77.5	5.2	5.2	3.1	<2				
					3.1	0.2	60	27.2	27.2	7.6	7.6	28.7	28.7	77.4	77.5	5.2	5.2	3.2	<2					
					5.2	0.1	72	27.1	27.1	7.6	7.6	28.9	28.9	79.7	80.5	5.4	5.5	4.6	<2					
					5.2	0.1	77	27.2	27.2	7.6	7.6	28.8	28.8	81.3	80.5	5.5	5.5	4.5	<2					
IM4	Fine	Calm	20:54	7.8	Surface	1.0	0.9	49	27.4	27.4	7.6	7.6	25.1	25.1	84.0	83.8	5.8	5.5	7.0	7.9	2	2	819733	804594
						1.0	0.9	43	27.3	27.3	7.6	7.6	25.1	25.1	83.5	83.8	5.8	5.5	6.9	2				
						3.9	0.7	29	27.0	27.0	7.6	7.6	28.0	28.0	77.8	76.0	5.3	5.2	7.8	2				
					3.9	0.7	30	27.0	27.0	7.6	7.6	28.1	28.1	74.1	76.0	5.0	5.0	7.7	2					
					6.8	0.4	28	27.0	27.0	7.6	7.6	28.2	28.1	74.6	75.4	5.1	5.2	9.0	2					
					6.8	0.5	29	27.1	27.1	7.6	7.6	27.9	28.1	76.2	75.4	5.2	5.2	9.0	2					
IM5	Fine	Calm	20:49	7.2	Surface	1.0	0.7	32	27.2	27.2	7.6	7.6	25.6	25.6	84.3	84.1	5.8	5.4	4.8	5.5	3	3	820721	804875
						1.0	0.8	33	27.1	27.1	7.6	7.6	25.6	25.6	83.9	84.1	5.8	5.4	4.7	4				
						3.6	0.7	34	27.0	27.0	7.6	7.6	28.3	28.4	74.6	72.4	5.1	5.1	5.2	2				
					3.6	0.7	32	26.9	26.9	7.6	7.6	28.6	28.4	70.1	72.4	4.8	4.8	5.3	3					
					6.2	0.5	23	27.0	27.0	7.6	7.6	29.2	29.1	71.9	72.7	4.9	5.0	6.5	3					
					6.2	0.6	26	27.1	27.1	7.6	7.6	29.1	29.1	73.4	72.7	5.0	5.0	6.5	2					
IM6	Fine	Calm	20:41	6.4	Surface	1.0	0.4	21	27.5	27.5	7.6	7.6	26.2	26.3	86.7	85.1	5.9	5.8	1.1	2.1	4	3	821082	805827
						1.0	0.5	22	27.5	27.5	7.6	7.6	26.4	26.3	83.5	83.8	5.7	5.8	1.1	4				
						3.2	0.4	22	27.4	27.4	7.6	7.6	26.6	26.6	83.7	83.8	5.7	5.8	2.2	3				
					3.2	0.4	24	27.4	27.4	7.6	7.6	26.7	26.6	83.8	83.8	5.7	5.8	2.2	3					
					5.4	0.3	23	27.4	27.4	7.6	7.6	26.7	26.6	85.0	85.4	5.8	5.8	3.0	3					
					5.4	0.3	23	27.4	27.4	7.6	7.6	26.6	26.6	85.7	85.4	5.8	5.8	3.1	3					
IM7	Fine	Calm	20:32	8.0	Surface	1.0	0.2	25	26.9	26.9	7.6	7.6	26.7	26.8	78.8	78.0	5.4	4.9	3.1	3.2	2	2	821355	806845
						1.0	0.2	21	26.8	26.8	7.6	7.6	26.8	26.8	77.2	78.0	5.3	4.9	3.0	2				
						4.0	0.2	22	26.8	26.8	7.6	7.6	29.2	29.3	66.5	64.1	4.5	4.4	3.0	2				
					4.0	0.2	22	26.9	26.9	7.6	7.6	29.4	29.3	61.7	64.1	4.2	4.4	2.9	2					
					7.0	0.0	25	27.2	27.2	7.6	7.6	29.6	29.6	63.8	64.9	4.3	4.4	3.5	<2					
					7.0	0.0	26	27.3	27.3	7.6	7.6	29.6	29.6	66.0	64.9	4.4	4.4	3.5	<2					
IM8	Cloudy	Moderate	20:56	7.2	Surface	1.0	0.5	262	27.3	27.3	7.9	7.9	24.5	24.6	75.4	75.4	5.2	4.9	2.4	3.7	<2	<2	821835	808155
						1.0	0.5	275	27.3	27.3	7.9	7.9	24.7	24.6	75.4	75.4	5.2	4.9	2.4	<2				
						3.6	0.4	272	26.6	26.6	7.9	7.9	26.1	26.1	66.5	66.5	4.6	4.6	3.0	<2				
					3.6	0.4	294	26.6	26.6	7.9	7.9	26.1	26.1	66.5	66.5	4.6	4.6	3.0	<2					
					6.2	0.2	271	26.3	26.3	7.9	7.9	27.2	27.2	65.8	65.8	4.6	4.6	5.4	<2					
					6.2	0.3	275	26.3	26.3	7.9	7.9	27.2	27.2	65.8	65.8	4.6	4.6	5.9	<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 02 September 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									
																									Value	Average	Value	Average	Value	DA	Value
IM9	Cloudy	Moderate	21:01	7.0	Surface	1.0	0.7	288	27.2	27.2	7.9	7.9	24.9	24.9	74.7	74.7	5.2	5.0	2.5	4.9	2	2	822100	808829							
						1.0	0.7	292	27.1	27.1	7.9	7.9	24.9	24.9	74.6	74.6	5.2	5.0	2.6	4.9	2	2									
						3.5	0.7	286	26.6	26.6	7.9	7.9	26.2	26.3	68.5	68.4	4.8	4.1	4.4	4.9	<2	2									
					Middle	3.5	0.7	291	26.5	26.5	7.9	7.9	26.3	26.3	68.2	68.4	4.7	4.1	4.8	4.9	<2	2			2						
						6.0	0.6	282	26.3	26.4	7.9	7.9	27.4	27.3	58.2	58.4	4.0	4.1	7.4	4.9	<2	2			2						
						6.0	0.6	299	26.4	26.4	7.9	7.9	27.3	27.3	58.6	58.4	4.1	4.1	7.6	4.9	<2	2			2						
					Bottom	1.0	0.6	297	27.1	27.1	7.9	7.9	25.2	25.2	74.4	74.4	5.2	5.0	2.6	4.6	2	2			2	2					
						1.0	0.6	305	27.0	27.0	7.9	7.9	25.2	25.2	74.4	74.4	5.2	5.0	2.7	4.6	2	2			2	2					
						3.6	0.6	296	26.8	26.8	7.9	7.9	25.6	25.6	67.7	67.7	4.7	4.1	3.0	4.6	2	2			2	2					
IM10	Cloudy	Moderate	21:07	7.1	Surface	1.0	0.6	305	27.0	27.0	7.9	7.9	25.2	25.2	74.4	74.4	5.2	5.0	2.7	4.6	2	2	822373	809775							
						1.0	0.6	305	27.0	27.0	7.9	7.9	25.2	25.6	67.7	67.7	4.7	4.1	3.0	4.6	2	2									
						3.6	0.6	304	26.8	26.8	7.9	7.9	25.7	25.7	67.6	67.6	4.7	4.1	3.4	4.6	2	2									
					Middle	6.1	0.4	285	26.6	26.6	7.9	7.9	26.8	26.8	62.7	62.9	4.3	4.4	7.9	4.6	3	3			2	2					
						6.1	0.4	286	26.6	26.6	7.9	7.9	26.8	26.8	63.1	62.9	4.4	4.4	8.0	4.6	3	3			2	2					
						6.9	0.5	304	26.1	26.2	7.9	7.9	27.4	27.4	58.0	58.2	4.0	4.0	10.8	4.6	3	3			2	2					
					Bottom	6.9	0.5	310	26.2	26.2	7.9	7.9	27.3	27.3	58.3	58.2	4.0	4.0	10.8	4.6	3	3			2	2					
						1.0	0.7	317	26.8	26.8	7.9	7.9	25.9	25.9	67.6	67.6	4.7	4.5	3.8	6.9	4	4			4	4					
						1.0	0.7	325	26.7	26.7	7.9	7.9	26.0	26.0	67.6	67.6	4.7	4.5	4.0	6.9	4	4			4	4					
IM11	Cloudy	Moderate	21:16	7.9	Surface	4.0	0.6	316	26.4	26.4	7.9	7.9	26.6	26.6	60.0	59.9	4.2	4.5	6.1	6.9	4	4	822057	811462							
						4.0	0.7	345	26.4	26.4	7.9	7.9	26.6	26.6	59.8	59.9	4.2	4.5	6.1	6.9	4	4									
						6.9	0.5	304	26.1	26.2	7.9	7.9	27.4	27.4	58.0	58.2	4.0	4.0	10.8	6.9	3	3									
					Middle	6.9	0.5	310	26.2	26.2	7.9	7.9	27.3	27.3	58.3	58.2	4.0	4.0	10.8	6.9	3	3			4	4					
						1.0	0.5	288	27.2	27.2	7.9	7.9	24.9	24.9	74.9	74.8	5.2	4.8	2.2	6.0	3	3			3	3					
						1.0	0.5	292	27.2	27.2	7.9	7.9	24.9	24.9	74.7	74.8	5.2	4.8	2.3	6.0	3	3			3	3					
					Bottom	4.2	0.6	282	26.5	26.6	7.9	7.9	26.3	26.3	62.0	62.1	4.3	4.2	5.9	6.0	3	3			3	3					
						4.2	0.6	297	26.6	26.6	7.9	7.9	26.2	26.2	62.1	62.1	4.3	4.2	6.0	6.0	3	3			3	3					
						7.4	0.3	277	26.3	26.4	7.9	7.9	26.9	26.9	60.2	60.4	4.2	4.2	9.7	6.0	3	3			3	3					
SR1A	Cloudy	Moderate	21:46	5.2	Surface	1.0	-	-	27.0	27.0	7.8	7.8	25.8	25.8	67.3	67.2	4.6	4.6	3.2	4	4	4	819975	812660							
						1.0	-	-	26.9	26.9	7.8	7.8	25.9	25.9	67.0	67.2	4.6	4.6	3.2	4	4	4									
						2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-			-	-					
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4	4			
						4.2	-	-	26.7	26.7	7.8	7.8	26.1	26.1	67.3	67.3	4.7	4.7	3.4	4	4	4			4						
						4.2	-	-	26.7	26.7	7.8	7.8	26.1	26.1	67.3	67.3	4.7	4.7	3.4	4	4	4			4						
					SR2	Cloudy	Moderate	21:59	4.2	Surface	1.0	0.1	257	27.2	27.2	7.9	7.9	25.5	25.6	75.0	75.0	5.2			5.2	2.1	4	4	4	821467	814172
											1.0	0.1	282	27.2	27.2	7.9	7.9	25.6	25.6	75.0	75.0	5.2			5.2	2.2	4	4	4		
											-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	2.6	-		
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4					
	3.2	0.1	285	26.7						26.7	7.9	7.9	26.1	26.1	69.9	69.8	4.8	4.8	3.1	4	4	4	4								
	3.2	0.1	289	26.7						26.7	7.9	7.9	26.1	26.1	69.7	69.8	4.8	4.8	3.2	4	4	4	4								
SR3	Cloudy	Moderate	20:52	8.4						Surface	1.0	0.2	260	27.3	27.3	7.9	7.9	24.3	24.3	74.4	74.4	5.2	4.7	2.5	5.1	2	2	822161	807556		
											1.0	0.2	277	27.2	27.2	7.9	7.9	24.3	24.3	74.3	74.4	5.2	4.7	2.6	5.1	2	2				
											4.2	0.2	260	26.6	26.6	7.9	7.9	26.4	26.4	60.4	60.8	4.2	4.1	3.8	5.1	<2	2				
					Middle	4.2	0.2	281	26.5	26.5	7.9	7.9	26.4	26.4	61.1	61.1	4.2	4.1	3.8	5.1	<2	2	2								
						7.4	0.1	41	26.0	26.0	7.9	7.9	27.9	27.9	56.5	56.5	3.9	3.9	8.8	5.1	<2	2	2								
						7.4	0.1	42	26.0	26.0	7.9	7.9	27.9	27.9	56.4	56.5	3.9	3.9	8.9	5.1	<2	2	2								
					SR4A	Fine	Calm	21:58	7.2	Surface	1.0	0.4	252	28.3	28.3	7.6	7.6	26.7	26.7	77.8	77.0	5.2	4.8	4.3	3	3	3			817166	807822
											1.0	0.5	262	28.3	28.3	7.6	7.6	26.7	26.7	76.1	77.0	5.1	4.8	4.3	3	3	3				
											3.6	0.4	253	26.7	26.7	7.6	7.6	29.8	29.8	65.6	65.6	4.4	4.6	5.7	5.6	3	3				
Middle	3.6	0.4	255	26.7						26.7	7.6	7.6	29.8	29.8	65.6	65.6	4.5	4.6	5.8	5.6	3	3	3								
	6.2	0.3	243	26.7						26.8	7.6	7.6	29.7	29.7	66.8	67.2	4.5	4.6	6.8	5.6	3	3									
	6.2	0.3	264	26.8						26.8	7.6	7.6	29.6	29.6	67.6	67.2	4.6	4.6	6.7	5.6	3	3									
SR5A	Fine	Calm	22:18	4.0						Surface	1.0	0.2	299	28.1	28.1	7.6	7.6	26.7	26.7	84.4	84.4	5.7	5.7	3.2	3	3	3	816589	810682		
											1.0	0.2	312	28.1	28.1	7.6	7.6	26.7	26.7	84.4	84.4	5.7	5.7	3.2	3	3	3				
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3					
						3.0	0.1	308	28.1	28.2	7.6	7.6	26.8	26.7	86.1	86.7	5.8	5.9	4.3	5.9	3	3	3	3							
						3.0	0.1	336	28.2	28.2	7.6	7.6	26.7	26.7	87.3	86.7	5.9	5.9	4.3	5.9	3	3	3	3							
					SR6A	Fine	Calm	22:33	3.8	Surface	1.0	0.1	284	28.0	28.1	7.6	7.6	26.7	26.7	84.2	84.3	5.7	5.7	5.5	6.0	4	4			817944	814718
											1.0	0.1	299	28.1	28.1	7.6	7.6	26.7	26.7	84.3	84.3	5.7	5.7	5.5	6.0	4	4				
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	-				
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7					
	2.8	0.0	137	28.1						28.1	7.6	7.6	26.7	26.7	84.4	84.3	5.7	5.7	6.5	6.0	9	9	9	9							
	2.8	0.0	139	28.1						28.1	7.6	7.6	26.7	26.7	84.2	84.3	5.7	5.7	6.5	6.0	10	10	10	10							
SR7	Cloudy	Moderate	22:42	16.8						Surface	1.0	0.0	139	26.6	26.6	7.9	7.9	26.5	26.5	69.3	69.3	4.8	4.5	2.7	3	3	3	823622	823736		
											1.0	0.0	148	26.6	26.6	7.9	7.9	26.5	26.5	69.3	69.3	4.8	4.5	2.7	3	3	3				
											8.4	0.1	141	26.2	26.2	7.8	7.8	27.3	2												

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

Water Quality Monitoring Results on 04 September 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	11:16	7.1	Surface	1.0	0.8	208	28.1	28.1	8.0	8.0	26.4	26.4	82.6	82.6	5.6	4.8	5	4	815639	804269		
						1.0	0.8	208	28.1	8.0	8.0	26.4	26.4	82.5	82.5	5.6	4.8	6						
						3.6	0.6	224	27.4	8.0	8.0	29.3	29.3	70.5	70.5	4.7	3.8	4						
					Middle	3.6	0.6	226	27.4	8.0	8.0	29.3	29.3	70.4	70.5	4.7	3.7	3						
						6.1	0.5	253	27.3	8.0	8.0	30.0	30.0	68.3	68.3	4.6	4.7	3						
						6.1	0.5	264	27.3	8.0	8.0	30.0	30.0	68.2	68.3	4.6	4.6	4						
C2	Cloudy	Moderate	12:49	10.6	Surface	1.0	1.0	173	28.2	28.2	8.1	8.1	24.0	24.0	90.3	90.2	6.2	3.4	2	4	825673	806955		
						1.0	1.0	183	28.1	8.1	8.1	24.0	24.0	90.0	90.2	6.2	3.9	4						
						5.3	0.8	175	27.1	8.0	8.0	28.3	28.4	67.3	67.3	4.6	9.3	4						
					Middle	5.3	0.9	182	27.1	8.0	8.0	28.5	28.5	67.2	67.3	4.6	9.6	3						
						9.6	0.3	158	26.8	8.0	8.0	29.2	29.2	63.4	63.6	4.3	10.7	5						
						9.6	0.3	167	26.8	8.0	8.0	29.2	29.2	63.8	63.6	4.3	10.6	4						
C3	Cloudy	Moderate	10:22	12.6	Surface	1.0	0.4	113	27.3	27.3	8.1	8.1	28.3	28.3	79.6	79.5	5.4	3.7	5	4	822089	817786		
						1.0	0.4	117	27.2	8.1	8.1	28.3	28.3	79.3	79.5	5.4	3.7	5						
						6.3	0.2	89	27.1	8.1	8.1	28.8	28.8	77.1	77.1	5.2	3.8	5						
					Middle	6.3	0.2	96	27.0	8.1	8.1	28.8	28.8	77.0	77.1	5.2	3.9	4						
						11.6	0.3	51	26.3	8.0	8.0	30.3	30.3	71.1	71.1	4.8	8.5	4						
						11.6	0.4	56	26.3	8.0	8.0	30.3	30.3	71.1	71.1	4.8	8.6	3						
IM1	Sunny	Calm	11:39	4.4	Surface	1.0	0.0	167	28.1	28.1	8.0	8.0	28.5	28.5	81.3	81.2	5.4	3.5	4	3	817961	807113		
						1.0	0.0	169	28.1	8.0	8.0	28.5	28.5	81.1	81.2	5.4	3.5	3						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.4	0.0	161	27.2	8.0	8.0	30.9	30.9	64.5	64.6	4.3	6.5	3						
						3.4	0.0	169	27.2	8.0	8.0	30.9	30.9	64.6	64.6	4.3	6.5	3						
IM2	Sunny	Calm	11:46	6.2	Surface	1.0	0.1	42	27.8	27.8	8.0	8.0	29.3	29.2	71.0	71.0	4.7	4.1	3	4	818156	806155		
						1.0	0.1	43	27.8	8.0	8.0	29.2	29.2	71.0	71.0	4.7	4.0	4						
						3.1	0.1	160	27.1	8.0	8.0	30.3	30.3	70.7	70.7	4.7	9.3	4						
					Middle	3.1	0.1	160	27.1	8.0	8.0	30.3	30.3	70.7	70.7	4.7	9.4	3						
						5.2	0.0	69	27.0	8.0	8.0	31.2	31.2	63.1	63.2	4.2	7.7	4						
						5.2	0.0	73	27.0	8.0	8.0	31.2	31.2	63.3	63.2	4.2	7.8	4						
IM3	Sunny	Calm	11:53	6.1	Surface	1.0	0.1	179	28.2	28.2	8.0	8.0	27.3	27.3	81.6	81.6	5.5	3.0	4	3	818782	805606		
						1.0	0.2	184	28.2	8.0	8.0	27.3	27.3	81.5	81.6	5.5	3.0	5						
						3.1	0.1	166	27.9	8.0	8.0	28.9	28.9	75.2	75.2	5.0	3.1	3						
					Middle	3.1	0.1	175	27.9	8.0	8.0	28.8	28.9	75.1	75.2	5.0	3.1	2						
						5.1	0.0	270	27.0	7.9	7.9	30.7	30.7	59.6	59.7	4.0	4.5	2						
						5.1	0.0	281	27.0	7.9	7.9	30.7	30.7	59.7	59.7	4.0	4.6	3						
IM4	Sunny	Calm	12:04	7.1	Surface	1.0	1.1	208	28.5	28.5	8.0	8.0	25.7	25.7	89.5	89.4	6.0	3.1	2	3	819720	804629		
						1.0	1.1	223	28.5	8.0	8.0	25.7	25.7	89.3	89.4	6.0	3.1	2						
						3.6	0.8	209	28.1	8.0	8.0	26.8	26.8	79.9	79.9	5.4	6.2	2						
					Middle	3.6	0.9	229	28.1	8.0	8.0	26.8	26.8	79.9	79.9	5.4	6.2	3						
						6.1	0.7	207	28.0	8.0	8.0	26.9	26.9	79.6	79.7	5.4	8.2	3						
						6.1	0.8	217	28.0	8.0	8.0	26.9	26.9	79.8	79.7	5.4	8.3	3						
IM5	Sunny	Calm	12:16	6.9	Surface	1.0	1.1	182	28.8	28.8	8.0	8.0	24.7	24.7	95.5	95.5	6.4	2.6	4	4	820746	804852		
						1.0	1.1	192	28.8	8.0	8.0	24.7	24.7	95.5	95.5	6.4	2.6	3						
						3.5	0.9	186	27.9	7.9	7.9	27.2	27.2	79.0	79.0	5.3	5.6	5						
					Middle	3.5	0.9	203	27.9	7.9	7.9	27.2	27.2	79.0	79.0	5.3	5.6	4						
						5.9	0.7	178	27.9	7.9	7.9	27.3	27.3	78.0	78.0	5.3	7.5	5						
						5.9	0.7	189	27.9	7.9	7.9	27.3	27.3	78.0	78.0	5.3	7.5	5						
IM6	Sunny	Calm	12:26	6.8	Surface	1.0	1.0	206	28.3	28.3	8.0	8.0	26.0	26.0	87.6	87.6	5.9	2.4	5	4	821047	805804		
						1.0	1.0	207	28.3	8.0	8.0	26.0	26.0	87.5	87.6	5.9	2.4	4						
						3.4	0.9	203	27.7	7.9	7.9	27.9	27.9	71.0	71.0	4.8	8.6	4						
					Middle	3.4	0.9	219	27.7	7.9	7.9	27.9	27.9	71.0	71.0	4.8	8.6	3						
						5.8	0.7	201	27.7	7.9	7.9	27.9	27.9	70.7	70.8	4.8	9.6	3						
						5.8	0.8	220	27.7	7.9	7.9	27.9	27.9	70.8	70.8	4.8	9.6	3						
IM7	Sunny	Calm	12:36	7.5	Surface	1.0	0.6	270	28.5	28.5	8.0	8.0	25.8	25.8	86.7	86.7	5.8	2.6	3	3	821359	806841		
						1.0	0.7	291	28.5	8.0	8.0	25.8	25.8	86.7	86.7	5.8	2.5	2						
						3.8	0.7	269	28.3	7.9	7.9	26.3	26.3	83.3	83.3	5.6	2.7	2						
					Middle	3.8	0.7	288	28.3	7.9	7.9	26.3	26.3	83.3	83.3	5.6	2.7	3						
						6.5	0.6	269	28.1	7.9	7.9	26.7	26.7	81.2	81.2	5.5	9.1	2						
						6.5	0.6	291	28.1	7.9	7.9	26.7	26.7	81.2	81.2	5.5	9.1	3						
IM8	Cloudy	Moderate	12:16	7.0	Surface	1.0	0.3	210	28.5	28.5	8.2	8.2	24.5	24.5	96.6	96.4	6.6	3.3	2	2	821827	808153		
						1.0	0.4	219	28.4	8.2	8.2	24.4	24.4	96.2	96.4	6.5	3.3	3						
						3.5	0.2	235	28.0	8.1	8.1	26.7	26.8	85.1	84.2	5.7	4.1	2						
					Middle	3.5	0.2	241	28.0	8.1	8.1	26.7	26.8	85.1	84.2	5.7	4.1	2						
						6.0	0.1	250	27.9	8.1	8.1	27.1	27.1	76.4	76.5	5.2	4.8	2						
						6.0	0.1	272	27.9	8.1	8.1	27.1	27.1	76.5	76.5	5.2	4.8	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 04 September 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	Moderate	12:10	6.8	Surface	1.0	0.4	152	28.7	28.7	8.1	8.1	24.3	24.3	96.0	95.9	6.5	6.0	3.2	4	3	822079	808802								
						1.0	0.4	162	28.6	8.1	8.1	24.3	24.3	95.8	95.8	6.5	6.0	3.2	5												
						3.4	0.2	137	28.0	8.1	8.1	26.8	26.9	81.6	81.5	5.5	5.3	3	3												
					Middle	3.4	0.2	140	27.9	8.1	8.1	27.0	27.0	81.3	81.3	5.5	5.7	3	3												
						5.8	0.2	69	27.8	8.1	8.1	27.6	27.6	71.0	71.2	4.8	4.8	7.4	3												
						5.8	0.2	73	27.8	8.1	8.1	27.6	27.6	71.4	71.2	4.8	4.8	7.4	2												
					IM10	Cloudy	Moderate	12:01	7.4	Surface	1.0	0.6	120	28.1	28.1	8.1	8.1	26.6	26.6	81.6				81.6	5.5	5.2	3.6	4	4	822364	809783
											1.0	0.7	121	28.0	8.1	8.1	26.7	26.7	81.5	81.5				5.5	5.2	4.0	5				
											3.7	0.5	111	27.8	8.1	8.1	27.3	27.3	71.7	71.6				4.8	4.8	7.4	4				
Middle	3.7	0.5	116	27.8						8.1	8.1	27.3	27.3	71.5	71.5	4.8	4.8	7.6	5												
	6.4	0.4	104	27.7						8.1	8.1	27.4	27.4	71.1	71.2	4.8	4.8	8.8	3												
	6.4	0.4	107	27.7						8.1	8.1	27.4	27.4	71.3	71.2	4.8	4.8	8.7	3												
IM11	Cloudy	Moderate	11:48	7.4						Surface	1.0	0.6	132	28.2	28.2	8.1	8.1	26.3	26.4	83.7	83.6	5.6	5.3	4.8	4	5	822048	811472			
											1.0	0.6	132	28.2	8.1	8.1	26.4	26.4	83.5	83.5	5.6	5.3	5.0	5							
											3.7	0.6	120	27.9	8.1	8.1	27.1	27.1	73.5	73.5	5.0	5.0	6.5	4							
					Middle	3.7	0.7	125	27.9	8.1	8.1	27.1	27.1	73.4	73.5	5.0	5.0	6.6	5												
						6.4	0.4	108	27.8	8.1	8.1	27.5	27.5	71.3	71.4	4.8	4.8	11.6	6												
						6.4	0.4	113	27.8	8.1	8.1	27.5	27.5	71.5	71.4	4.8	4.8	11.5	4												
					IM12	Cloudy	Moderate	11:40	9.1	Surface	1.0	0.7	109	28.4	28.4	8.2	8.2	25.3	25.3	86.7	86.8	5.9	5.4	4.0	3				3	821441	812065
											1.0	0.7	118	28.4	8.2	8.2	25.3	25.3	86.8	86.8	5.9	5.4	4.0	2							
											4.6	0.5	109	27.7	8.0	8.0	27.4	27.5	71.0	70.9	4.8	4.8	9.1	3							
Middle	4.6	0.5	115	27.6						8.0	8.0	27.5	27.5	70.8	70.8	4.8	4.8	9.2	3												
	8.1	0.2	77	27.4						8.0	8.0	28.0	28.0	63.4	63.4	4.3	4.3	9.7	4												
	8.1	0.2	84	27.4						8.0	8.0	28.0	28.0	63.3	63.4	4.3	4.3	9.8	3												
SR1A	Cloudy	Moderate	11:06	5.0						Surface	1.0	-	-	28.1	28.1	8.1	8.1	26.0	26.1	86.5	86.3	5.9	5.9	3.9	3	4	819972	812656			
											1.0	-	-	28.1	28.1	8.1	8.1	26.2	26.1	86.1	86.3	5.8	5.9	4.0	4						
											2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6						
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						4.0	-	-	27.5	27.5	8.0	8.0	27.8	27.8	76.8	76.9	5.2	5.2	5.2	4											
						4.0	-	-	27.5	27.5	8.0	8.0	27.8	27.8	76.9	76.9	5.2	5.2	5.4	3											
					SR2	Cloudy	Moderate	10:49	4.7	Surface	1.0	0.4	81	27.7	27.7	8.0	8.0	27.2	27.2	75.4	75.3	5.1	5.1	4.6	2				2	821444	814175
											1.0	0.4	84	27.7	8.0	8.0	27.2	27.2	75.1	75.3	5.1	5.1	4.8	2							
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	3.7	0.2	82	27.6						8.0	8.0	27.6	27.6	74.4	74.5	5.0	5.0	6.8	2												
Bottom	3.7	0.2	86	27.6						8.0	8.0	27.6	27.6	74.5	74.5	5.0	5.0	6.9	2												
	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
SR3	Cloudy	Moderate	12:23	8.3	Surface	1.0	0.5	210	28.2	28.2	8.1	8.1	24.7	24.9	87.3	87.0	5.9	5.3	3.8	3	3	822142	807572								
						1.0	0.5	229	28.1	8.1	8.1	25.0	25.0	86.6	86.6	5.9	5.3	4.0	2												
						4.2	0.4	221	27.5	8.0	8.0	27.9	27.9	67.9	67.9	4.6	4.6	5.0	3												
					Middle	4.2	0.4	234	27.5	8.0	8.0	28.0	28.0	67.9	67.9	4.6	4.6	5.0	3												
						7.3	0.3	243	27.4	8.0	8.0	28.0	28.0	68.7	68.9	4.6	4.7	4.9	3												
						7.3	0.3	249	27.4	8.0	8.0	28.0	28.0	69.0	68.9	4.7	4.7	4.4	2												
					SR4A	Cloudy	Moderate	10:55	9.1	Surface	1.0	0.2	253	27.6	27.6	8.0	8.0	29.3	29.3	67.9				67.9	4.5	4.5	5.0	3	3	817183	807820
											1.0	0.3	261	27.6	8.0	8.0	29.3	29.3	67.9	67.9				4.6	4.5	5.0	3				
											4.6	0.1	255	27.2	8.0	8.0	30.5	30.5	65.7	65.7				4.4	4.4	4.9	3				
Middle	4.6	0.1	266	27.2						8.0	8.0	30.5	30.5	65.7	65.7	4.4	4.4	4.9	3												
	8.1	0.1	273	27.2						8.0	8.0	30.9	30.9	64.4	64.4	4.3	4.3	5.0	2												
	8.1	0.1	295	27.2						8.0	8.0	30.9	30.9	64.4	64.4	4.3	4.3	5.0	2												
SR5A	Cloudy	Moderate	10:14	5.5						Surface	1.0	0.0	180	28.5	28.5	7.9	7.9	27.4	27.4	79.2	79.1	5.3	5.3	3.9	2	3	816603	810718			
											1.0	0.0	194	28.5	7.9	7.9	27.4	27.4	79.0	79.0	5.3	5.3	4.0	3							
											-	-	-	-	-	-	-	-	-	-	-	-	-	-							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						4.5	0.0	337	27.7	7.9	7.9	28.8	28.8	67.3	67.5	4.5	4.5	5.1	4												
					Bottom	4.5	0.0	343	27.7	7.9	7.9	28.8	28.8	67.6	67.5	4.5	4.5	5.2	4												
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
SR6A	Cloudy	Moderate	09:48	5.1	Surface	1.0	0.2	27	27.9	27.9	7.9	7.9	27.5	27.5	75.2	75.2	5.1	5.1	5.0	3	3	817947	814743								
						1.0	0.2	27	27.9	7.9	7.9	27.5	27.5	75.2	75.2	5.1	5.1	5.0	4												
						-	-	-	-	-	-	-	-	-	-	-	-	-	-												
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-							
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-							
						4.1	0.2	9	27.2	7.9	7.9	28.9	28.9	60.7	60.8	4.1	4.1	6.9	3												
					Bottom	4.1	0.2	9	27.2	7.9	7.9	28.9	28.9	60.8	60.8	4.1	4.1	6.8	3												
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-							
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-							
SR7	Cloudy	Moderate	09:42	16.8	Surface	1.0	0.4	82	27.1	27.1	8.1	8.1	28.6	28.7	84.1	83.9	5.7	5.4	3.1	3	3	823639	823742								
						1.0	0.4	87	27.0	8.1	8.1	28.8	28.8	83.6	83.6	5.7	5.4	3.1	3												
						8.4	0.0	76	26.3	8.0	8.0	30.2	30.3	74.2	74.1	5.1	5.1	3.4	<2												
					Middle	8.4	0.0	78	26.2	8.0	8.0	30.3	30.3	74.0	74.0	5.0	5.0	3.4	3												
						15.8	0.1	50	25.8	8.0	8.0	31.0	31.1	62.8	62.9	4.3	4.3	7.2	<2												
						15.8	0.1	51	25.7	8.0	8.0	31.1	31.1	62.9	62.9	4.3	4.3	6.8	<2												
					SR8	Cloudy	Moderate	11:31	4.6	Surface	1.0	-	-	28.4	28.4	8.1	8.1	25.4	25.4	91.8				91.7	6.2	6.2	4.5	3	3	820409	811626
											1.0	-	-	28.4	28.4	8.1	8.1	25.4	25.4	91.6				91.6	6.2	6.2	4.5	2			
											-	-	-	-	-	-	-	-	-	-				-	-	-	-				
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-										
	3.6	-	-	28.9						28.9	8.1	8.1																			

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

Water Quality Monitoring Results on 04 September 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					
																									Value	DA	Value
C1	Fine	Moderate	18:08	6.8	Surface	1.0	0.3	72	27.9	27.9	7.9	7.9	27.6	27.6	70.5	70.5	4.8	4.6	3.1	4.7	3	3	815634	804251			
						1.0	0.4	75	27.9	7.9	7.9	27.6	27.6	70.5	70.5	4.8	4.6	3.1	4.7	3							
						3.4	0.2	78	27.5	27.5	7.9	7.9	29.1	29.1	65.2	65.2	4.4	4.4	4.3	4.3	3						
					Middle	3.4	0.2	76	27.5	27.5	7.9	7.9	29.1	29.1	65.2	65.2	4.4	4.4	4.3	4.3	3						
						5.8	0.2	58	27.4	27.4	8.0	8.0	29.5	29.5	66.4	66.4	4.5	4.5	6.9	6.9	4						
						5.8	0.2	58	27.4	27.4	8.0	8.0	29.5	29.5	66.6	66.6	4.5	4.5	6.9	6.9	3						
					Bottom	1.0	1.0	61	28.3	28.3	8.1	8.1	23.1	23.1	87.0	86.7	6.0	6.0	4.0	4.0	3						
						1.0	1.1	69	28.2	28.2	8.1	8.1	23.1	23.1	86.3	86.3	5.9	5.9	4.1	4.1	3						
						5.4	1.0	61	27.4	27.4	8.0	8.0	26.1	26.1	67.2	67.1	4.6	5.3	6.2	7.1	2						
C2	Sunny	Moderate	16:58	10.7	Surface	1.0	1.0	61	28.3	28.3	8.1	8.1	23.1	23.1	87.0	86.7	6.0	6.0	4.0	4.0	3	3	825669	806950			
						1.0	1.1	69	28.2	28.2	8.1	8.1	23.1	23.1	86.3	86.3	5.9	5.9	4.1	4.1	3						
						5.4	1.0	61	27.4	27.4	8.0	8.0	26.1	26.1	67.2	67.1	4.6	5.3	6.2	7.1	2						
					Middle	5.4	1.0	64	27.3	27.3	8.0	8.0	26.1	26.1	67.0	67.0	4.6	5.3	6.9	7.1	3						
						9.7	0.3	93	26.9	26.9	8.0	8.0	28.8	28.8	60.1	60.0	4.1	4.1	10.4	10.4	3						
						9.7	0.3	96	26.9	26.9	8.0	8.0	28.8	28.8	59.9	59.9	4.1	4.1	11.0	11.0	3						
					Bottom	1.0	0.3	230	28.4	28.4	8.2	8.2	26.2	26.2	92.7	92.6	6.2	6.2	4.6	4.6	5						
						1.0	0.3	233	28.3	28.3	8.2	8.2	26.3	26.3	92.4	92.4	6.2	6.2	4.7	4.7	4						
						5.5	0.2	232	27.5	27.5	8.1	8.1	27.8	27.8	74.2	74.1	5.0	5.0	6.1	6.1	4						
C3	Sunny	Moderate	18:53	10.9	Surface	1.0	0.3	233	28.3	28.3	8.1	8.1	27.8	27.8	74.2	74.1	5.0	5.0	6.1	6.1	4	4	822125	817820			
						5.5	0.2	232	27.5	27.5	8.1	8.1	27.8	27.8	74.0	74.0	5.0	5.0	6.3	6.3	4						
						5.5	0.2	239	27.5	27.5	8.1	8.1	27.8	27.8	74.0	74.0	5.0	5.0	6.3	6.3	4						
					Middle	9.9	0.3	268	26.1	26.1	8.0	8.0	30.6	30.6	64.6	64.8	4.4	4.4	6.7	6.7	4						
						9.9	0.3	268	26.2	26.2	8.0	8.0	30.7	30.7	65.0	65.0	4.4	4.4	6.5	6.5	4						
						9.9	0.3	268	26.2	26.2	8.0	8.0	30.7	30.7	65.0	65.0	4.4	4.4	6.5	6.5	4						
					Bottom	1.0	0.1	201	27.8	27.8	8.0	8.0	29.5	29.5	76.0	76.1	5.1	5.1	3.2	3.2	4						
						1.0	0.1	217	27.8	27.8	8.0	8.0	29.5	29.5	76.1	76.1	5.1	5.1	3.3	3.3	3						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				4		
IM1	Fine	Moderate	17:48	4.1	Surface	1.0	0.1	201	27.8	27.8	8.0	8.0	29.5	29.5	76.0	76.1	5.1	5.1	3.2	3.2	4	4	817930	807140			
						1.0	0.1	217	27.8	27.8	8.0	8.0	29.5	29.5	76.1	76.1	5.1	5.1	3.3	3.3	3						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	4	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4
					Bottom	3.1	0.0	191	27.2	27.2	8.0	8.0	31.0	31.0	63.9	64.0	4.3	4.3	5.2	5.2	5						
						3.1	0.0	208	27.2	27.2	8.0	8.0	31.0	31.0	64.0	64.0	4.3	4.3	5.2	5.2	4						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	4	
IM2	Fine	Moderate	17:41	6.2	Surface	1.0	0.2	23	28.6	28.6	8.0	8.0	28.5	28.5	86.0	86.0	5.7	5.3	3.2	4.3	2	4	818174	806168			
						1.0	0.2	23	28.6	28.6	8.0	8.0	28.5	28.5	86.0	86.0	5.7	5.3	3.1	4.3	2						
						3.1	0.3	358	27.9	27.9	8.0	8.0	29.4	29.4	71.9	71.9	4.8	5.3	4.2	4.3	4						
					Middle	3.1	0.3	329	27.9	27.9	8.0	8.0	29.4	29.4	71.8	71.8	4.8	5.3	4.2	4.3	4						
						5.2	0.1	6	27.1	27.1	8.0	8.0	31.0	31.0	61.9	62.0	4.1	4.2	5.7	5.7	4						
						5.2	0.1	6	27.1	27.1	8.0	8.0	31.0	31.0	62.0	62.0	4.2	4.2	5.7	5.7	5						
					Bottom	1.0	0.1	310	28.1	28.1	8.0	8.0	28.7	28.7	78.8	78.6	5.3	4.6	3.4	6.1	4						
						1.0	0.1	326	28.1	28.1	8.0	8.0	28.7	28.7	78.3	78.6	5.2	4.6	3.4	6.1	4						
						3.1	0.1	308	27.1	27.1	7.9	7.9	30.6	30.6	58.9	59.1	3.9	4.6	5.2	6.1	4						
IM3	Fine	Moderate	17:34	6.1	Surface	1.0	0.1	310	28.1	28.1	8.0	8.0	28.7	28.7	78.8	78.6	5.3	4.6	3.4	6.1	4	5	818805	805605			
						1.0	0.1	326	28.1	28.1	8.0	8.0	28.7	28.7	78.3	78.6	5.2	4.6	3.4	6.1	4						
						3.1	0.1	308	27.1	27.1	7.9	7.9	30.6	30.6	58.9	59.1	3.9	4.6	5.2	6.1	4						
					Middle	3.1	0.1	322	27.1	27.1	7.9	7.9	30.6	30.6	59.2	59.1	4.0	4.6	5.2	6.1	4						
						5.1	0.2	337	27.0	27.0	7.9	7.9	31.2	31.2	58.0	58.1	3.9	3.9	9.7	9.7	6						
						5.1	0.2	310	27.0	27.0	7.9	7.9	31.2	31.2	58.1	58.1	3.9	3.9	9.7	9.7	5						
					Bottom	1.0	1.0	49	28.4	28.4	8.0	8.0	25.9	25.9	85.5	85.5	5.8	5.8	3.2	5.1	3						
						1.0	1.0	48	28.4	28.4	8.0	8.0	25.9	25.9	85.5	85.5	5.8	5.8	3.2	5.1	3						
						3.4	0.8	49	28.4	28.4	8.0	8.0	26.0	26.0	85.0	85.0	5.7	5.8	5.2	5.1	5						
IM4	Fine	Moderate	17:26	6.8	Surface	1.0	1.0	49	28.4	28.4	8.0	8.0	25.9	25.9	85.5	85.5	5.8	5.8	3.2	5.1	3	4	819706	804609			
						1.0	1.0	48	28.4	28.4	8.0	8.0	25.9	25.9	85.5	85.5	5.8	5.8	3.2	5.1	3						
						3.4	0.8	49	28.4	28.4	8.0	8.0	26.0	26.0	85.0	85.0	5.7	5.8	5.2	5.1	5						
					Middle	3.4	0.9	51	28.4	28.4	8.0	8.0	26.0	26.0	84.9	85.0	5.7	5.8	5.2	5.1	5						
						5.8	0.6	29	28.3	28.3	8.0	8.0	26.1	26.1	84.4	84.4	5.7	5.7	6.9	6.9	5						
						5.8	0.6	27	28.3	28.3	8.0	8.0	26.1	26.1	84.4	84.4	5.7	5.7	6.9	6.9	5						
					Bottom	1.0	1.0	24	28.9	28.9	8.0	8.0	25.4	25.4	89.4	89.5	6.0	5.8	4.4	7.9	4						
						1.0	1.0	29	28.9	28.9	8.0	8.0	25.3	25.3	89.5	89.5	6.0	5.8	4.5	7.9	5						
						3.6	1.0	29	28.5	28.5	7.9	7.9	26.3	26.3	84.0	84.3	5.6	5.8	6.8	7.9	4						
IM5	Fine	Moderate	17:20	7.1	Surface	1.0	1.0	29	28.9	28.9	7.9	7.9	26.3	26.3	84.0	84.3	5.6	5.8	6.8	7.9	4	5	820737	804873			
						3.6	1.1	25	28.5	28.5	7.9	7.9	26.3	26.3	84.5	84.3	5.7	5.8	6.8	7.9	5						
						6.1	1.0	22	28.0	28.0	7.9	7.9	27.4	27.4	76.0	76.0	5.1	5.1	12.5	12.5	6						
					Middle	6.1	1.1	23	28.0	28.0	7.9	7.9	27.4	27.4	76.0	76.0	5.1	5.1	12.5	12.5	5						
						1.0	1.0	25	28.2	28.2	7.9	7.9	26.4	26.4	83.1	83.1	5.6	5.5	4.9	8.4	3						
						1.0	1.1	26	28.2	28.2	7.9	7.9	26.4	26.4	83.1	83.1	5.6	5.5	4.9	8.4	4						
					Bottom	3.3	1.0	24	28.1	28.1	7.9	7.9	26.8	26.8	79.4	79.5	5.4	5.5	8.3	8.4	3						
						3.3	1.0	22	28.1	28.1	7.9	7.9	26.8	26.8	79.5	79.5	5.4	5.5	8.3	8.4	4						

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

Water Quality Monitoring Results on 04 September 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	DA	Value	DA	Value	DA				
IM9	Sunny	Moderate	17:26	7.0	Surface	1.0	0.3	263	28.4	28.4	8.1	8.1	24.4	24.5	96.9	96.8	6.6	6.4	3.4	4	4	822092	808802	
						1.0	0.3	266	28.3	8.1	8.1	24.6	25.3	96.7	96.8	6.6	6.4	3.5	4					
						3.5	0.2	270	28.2	8.1	8.1	25.3	25.4	90.9	90.9	6.2	6.4	4.1	4					
					Middle	3.5	0.2	284	28.2	28.2	8.1	8.1	25.4	25.3	90.9	90.9	6.2	6.4	4.2	4.6				4
						6.0	0.0	226	28.1	28.1	8.1	8.1	25.8	25.8	87.3	87.4	5.9	5.9	6.1	4				
						6.0	0.0	227	28.1	28.1	8.1	8.1	25.8	25.8	87.5	87.4	5.9	5.9	6.2	4				
					Bottom	1.0	0.6	220	28.7	28.7	8.2	8.1	23.6	23.6	100.6	100.5	6.8	6.4	3.2	5				
						1.0	0.6	222	28.7	28.7	8.1	8.1	23.6	23.6	100.3	100.5	6.8	6.4	3.2	4				
						3.6	0.5	212	28.1	28.1	8.1	8.1	25.5	25.5	86.6	86.6	5.9	6.0	4.0	4				
IM10	Sunny	Moderate	17:34	7.1	Surface	1.0	0.6	222	28.7	28.7	8.1	8.1	23.6	23.6	100.6	100.5	6.8	6.4	3.2	5	4	822393	809799	
						1.0	0.6	222	28.7	28.7	8.1	8.1	23.6	23.6	100.3	100.5	6.8	6.4	3.2	4				
						3.6	0.5	212	28.1	28.1	8.1	8.1	25.5	25.5	86.6	86.6	5.9	6.0	4.0	4				
					Middle	3.6	0.5	218	28.1	28.1	8.1	8.1	25.5	25.5	86.6	86.6	5.9	6.0	4.1	4				
						6.1	0.4	209	28.1	28.1	8.1	8.1	25.6	25.6	87.3	87.4	5.9	5.9	4.7	2				
						6.1	0.4	213	28.2	28.2	8.1	8.1	25.6	25.6	87.5	87.4	5.9	5.9	4.9	3				
					Bottom	1.0	0.6	215	28.3	28.3	8.1	8.1	25.4	25.4	92.8	92.6	6.3	6.0	4.8	4				
						1.0	0.6	213	28.3	28.3	8.1	8.1	25.5	25.4	92.3	92.6	6.2	6.0	5.1	3				
						3.6	0.5	208	28.2	28.2	8.1	8.1	25.9	25.9	84.4	84.4	5.7	6.1	6.1	4				
IM11	Sunny	Moderate	17:44	7.2	Surface	3.6	0.5	218	28.2	28.2	8.1	8.1	26.0	25.9	84.3	84.4	5.7	6.1	6.4	3	4	822064	811461	
						6.2	0.2	229	28.2	28.2	8.1	8.1	26.1	26.1	84.9	85.1	5.7	7.2	4					
						6.2	0.3	229	28.2	28.2	8.1	8.1	26.1	26.1	85.3	85.1	5.8	7.4	4					
					Middle	1.0	0.5	208	28.4	28.4	8.1	8.1	25.0	25.1	94.8	94.7	6.4	6.1	4.8	2				
						1.0	0.5	213	28.4	28.4	8.1	8.1	25.1	25.1	94.5	94.7	6.4	6.1	5.0	3				
						4.2	0.3	203	28.1	28.1	8.1	8.1	26.1	26.2	86.4	86.2	5.8	6.1	7.4	4				
					Bottom	4.2	0.3	205	28.1	28.1	8.1	8.1	26.2	26.2	86.0	86.2	5.8	7.7	3	4				
						7.4	0.1	287	28.0	28.0	8.1	8.1	26.6	26.6	78.3	78.4	5.3	8.1	5					
						7.4	0.1	290	28.0	28.0	8.1	8.1	26.6	26.6	78.5	78.4	5.3	8.2	4					
SR1A	Sunny	Moderate	18:18	4.4	Surface	1.0	-	-	28.9	28.9	8.2	8.2	24.7	24.8	105.0	105.1	7.1	7.1	5.7	4	4	819982	812653	
						1.0	-	-	28.8	28.8	8.2	8.2	24.9	24.8	105.2	105.1	7.1	7.1	6.5	5				
						2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5				
					Middle	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
						3.4	-	-	28.4	28.4	8.1	8.1	25.9	25.9	93.4	93.5	6.3	6.3	8.8	4				
						3.4	-	-	28.4	28.4	8.1	8.1	25.9	25.9	93.5	93.5	6.3	6.3	8.9	4				
					Bottom	1.0	0.2	243	29.3	29.3	8.3	8.3	23.5	23.5	115.9	116.2	7.8	7.8	5.0	6				
						1.0	0.2	243	29.2	29.2	8.3	8.3	23.5	23.5	116.5	116.5	7.8	7.8	5.3	6				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1				
SR2	Sunny	Moderate	18:31	4.0	Surface	3.0	0.1	244	28.6	28.6	8.2	8.2	25.2	25.2	99.2	99.2	6.7	6.7	13.2	4	5	821465	814186	
						3.0	0.1	251	28.6	28.6	8.2	8.2	25.2	25.2	99.2	99.2	6.7	6.7	12.8	4				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Middle	1.0	0.6	20	28.4	28.4	8.1	8.1	24.1	24.1	94.4	94.1	6.4	6.0	3.1	3				
						1.0	0.6	22	28.3	28.3	8.1	8.1	24.2	24.2	93.8	94.1	6.4	6.0	3.2	4				
						4.1	0.6	29	27.9	27.9	8.1	8.1	26.3	26.3	80.8	80.8	5.5	4.5	4					
					Bottom	4.1	0.6	28	27.9	27.9	8.1	8.1	26.3	26.3	80.7	80.8	5.5	4.9	3	4				
						7.1	0.4	29	27.8	27.8	8.1	8.1	27.0	27.0	81.6	81.8	5.5	5.9	3					
						7.1	0.4	27	27.8	27.8	8.1	8.1	27.0	27.0	81.9	81.8	5.5	6.0	3					
SR4A	Fine	Moderate	18:29	8.5	Surface	1.0	0.8	292	28.6	28.6	8.0	8.0	28.3	28.3	80.7	80.7	5.3	5.3	2.6	2	3	817193	807794	
						1.0	0.8	292	28.6	28.6	8.0	8.0	28.3	28.3	80.6	80.7	5.3	5.3	2.6	3				
						4.3	0.8	289	28.4	28.4	8.0	8.0	28.4	28.4	79.1	79.2	5.3	3.3	3					
					Middle	4.3	0.8	297	28.4	28.4	8.0	8.0	28.4	28.4	79.2	79.2	5.3	3.3	4					
						7.5	0.6	291	28.3	28.3	8.0	8.0	28.5	28.5	78.3	78.4	5.2	7.4	4					
						7.5	0.7	312	28.3	28.3	8.0	8.0	28.5	28.5	78.4	78.4	5.2	7.5	3					
					Bottom	1.0	0.5	310	28.7	28.7	8.0	8.0	28.0	28.0	88.4	88.4	5.9	3.3	4					
						1.0	0.5	332	28.7	28.7	8.0	8.0	28.0	28.0	88.4	88.4	5.9	3.3	4					
						-	-	-	-	-	-	-	-	-	-	-	-	-	4.0					
SR5A	Fine	Moderate	18:51	3.4	Surface	2.4	0.4	311	28.7	28.7	8.0	8.0	28.1	28.1	88.0	88.1	5.8	5.8	4.7	5	5	816574	810698	
						2.4	0.4	340	28.7	28.7	8.0	8.0	28.1	28.1	88.1	88.1	5.8	5.8	4.7	6				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	1.0	0.1	276	28.2	28.2	8.0	7.9	28.0	28.1	85.9	85.5	5.7	2.6	6					
						1.0	0.1	282	28.1	28.1	7.9	7.9	28.1	28.1	85.1	85.5	5.7	2.6	5					
						-	-	-	-	-	-	-	-	-	-	-	-	-	3.5					
					Bottom	2.8	0.1	283	27.8	27.8	8.0	8.0	28.9	28.8	71.7	71.8	4.8	4.4	5					
						2.8	0.1	289	27.8	27.8	8.0	8.0	28.8	28.8	71.9	71.8	4.8	4.4	4					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
SR6A	Fine	Moderate	19:20	3.8	Surface	1.0	0.2	261	28.4	28.4	8.2	8.2	26.8	26.9	96.9	96.8	6.5	5.7	3.4	4	5	823623	823746	
						1.0	0.2	270	28.3	28.3	8.2	8.2	26.9	26.9	96.7	96.8	6.5	5.7	3.4	4				
						8.3	0.2	225	26.9	26.9	8.0	8.0	29.0	29.1	71.9	71.9	4.9	4.3	5					
					Middle	8.3	0.2	236	26.8	26.8	8.0	8.0	29.2	29.1	71.8	71.9	4.9	4.4	6					
						15.5	0.0	317	26.5	26.6	8.0	8.0	29.9	29.8	68.0	68.2	4.6	4.8	6					
						15.5	0.0	320	26.6	26.6	8.0	8.0	29.7	29.8	68.3	68.2	4.6	4.8	5					
					Bottom	1.0	-	-	29.8	29.8	8.2	8.2	23.4	23.5	112.9	113.1	7.6	6.1	6					
						1.0	-	-	29.8	29.8	8.2	8.2	23.5	23.5	113.3	113.1	7.6	6.0	5					
						-	-	-	-	-	-	-	-	-	-	-	-	-	7.0					
Middle	3.2	-	-	29.9	29.9	8.2	8.2	23.8	23.8	105.8	106.0	7.0	8.0	5										
	3.2	-	-	29.9	29.9	8.2	8.2	23.8	23.8	106.1	106.0	7.1	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 07 September 21 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA							
C1	Misty	Moderate	13:10	7.6	Surface	1.0	0.3	226	28.5	28.5	7.7	7.7	28.3	28.3	92.9	92.8	6.2	6.8	7	7	815632	804240							
						1.0	0.4	234	28.5	7.7	7.7	28.3	28.4	92.7	6.2	6.8	8												
						3.8	0.3	214	28.5	7.7	7.7	28.4	28.4	91.6	6.1	7.1	8												
					Middle	3.8	0.3	227	28.5	28.5	7.7	7.7	28.4	28.4	91.2	91.4	6.1	7.1	7	7									
						6.6	0.4	205	28.6	28.6	7.7	7.7	28.3	28.3	90.1	92.3	6.0	8.1	5	5									
						6.6	0.4	216	28.6	28.6	7.7	7.7	28.2	28.2	94.4	6.3	8.0	6	6										
					C2	Misty	Moderate	11:38	12.4	Surface	1.0	0.6	163	28.5	28.5	7.6	7.6	27.6	27.6	91.1			91.0	6.1	7.3	5	5	825663	806939
											1.0	0.6	172	28.5	28.5	7.6	7.6	27.7	27.6	90.8			6.1	7.3	4				
											6.2	0.5	150	28.1	28.1	7.6	7.6	28.3	28.3	88.8			88.5	5.9	8.2	5			
Middle	6.2	0.5	159	28.1						28.1	7.6	7.6	28.4	28.4	88.1	88.5	5.9	8.1	4	4									
	11.4	0.3	143	27.9						27.9	7.6	7.6	28.7	28.7	81.8	81.9	5.5	9.7	4	4									
	11.4	0.3	150	27.9						27.9	7.6	7.6	28.7	28.7	82.0	5.5	9.8	3	3										
C3	Misty	Moderate	14:16	12.2						Surface	1.0	0.2	115	28.5	28.5	7.7	7.7	28.3	28.3	90.5	90.6	6.0	4.4	7	7	822106	817797		
											1.0	0.2	115	28.5	28.5	7.7	7.7	28.4	28.4	90.6	6.0	4.5	8						
											6.1	0.2	114	28.5	28.5	7.7	7.7	29.3	29.2	91.4	91.5	6.0	5.4	7					
					Middle	6.1	0.2	114	28.5	28.5	7.7	7.7	29.3	29.2	91.6	91.5	6.1	5.5	8	8									
						11.2	0.2	80	28.6	28.6	7.7	7.7	28.0	28.0	91.2	91.3	6.1	6.4	7	7									
						11.2	0.2	84	28.6	28.6	7.7	7.7	28.0	28.0	91.3	6.1	6.4	6	6										
					IM1	Misty	Moderate	12:50	4.0	Surface	1.0	0.1	134	28.7	28.7	7.7	7.7	27.9	27.9	94.6	94.6	6.3	6.9	5	5			817952	807148
											1.0	0.1	140	28.7	28.7	7.7	7.7	27.9	27.9	94.6	6.3	6.9	6						
											-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	-				
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	6							
	3.0	0.1	311	28.7						28.7	7.7	7.7	27.9	27.9	95.3	95.5	6.3	7.8	7	7									
	3.0	0.1	319	28.7						28.7	7.7	7.7	27.9	27.9	95.7	6.3	7.9	7	7										
IM2	Misty	Moderate	12:43	6.0						Surface	1.0	0.1	186	28.3	28.3	7.7	7.7	28.2	28.2	91.9	91.4	6.1	6.6	7	7	818177	806156		
											1.0	0.1	196	28.3	28.3	7.7	7.7	28.2	28.2	90.9	6.1	6.7	6						
											3.0	0.1	167	28.4	28.4	7.7	7.7	28.2	28.2	83.4	83.3	5.6	7.7	7.5	7				
					Middle	3.0	0.1	176	28.4	28.4	7.7	7.7	28.2	28.2	83.1	83.3	5.5	7.6	6	6									
						5.0	0.1	118	28.7	28.7	7.7	7.7	28.0	27.9	85.6	86.7	5.7	8.2	7	7									
						5.0	0.1	124	28.7	28.7	7.7	7.7	27.9	27.9	87.8	5.8	8.1	7	7										
					IM3	Misty	Moderate	12:37	6.2	Surface	1.0	0.1	182	28.1	28.1	7.7	7.7	28.5	28.5	91.7	91.3	6.1	5.5	4	4			818801	805609
											1.0	0.1	198	28.1	28.1	7.7	7.7	28.5	28.5	90.8	6.1	5.5	5						
											3.1	0.2	156	28.2	28.2	7.7	7.7	28.5	28.5	81.0	80.9	5.4	6.3	6					
Middle	3.1	0.2	164	28.2						28.2	7.7	7.7	28.5	28.5	80.7	80.9	5.4	6.4	5	5									
	5.2	0.2	89	28.6						28.6	7.7	7.7	28.3	28.3	82.5	83.5	5.5	7.1	5	5									
	5.2	0.2	93	28.6						28.6	7.7	7.7	28.3	28.3	84.5	5.6	7.2	6	6										
IM4	Misty	Moderate	12:29	7.8						Surface	1.0	0.4	211	28.4	28.4	7.7	7.7	28.2	28.2	91.9	91.6	6.1	6.2	5	5	819723	804618		
											1.0	0.5	216	28.4	28.4	7.7	7.7	28.2	28.2	91.3	6.1	6.1	6						
											3.9	0.3	181	28.2	28.2	7.7	7.6	28.4	28.5	89.2	88.5	5.9	7.3	7.3	5				
					Middle	3.9	0.3	193	28.1	28.1	7.6	7.6	28.5	28.5	87.8	88.5	5.9	7.3	6	6									
						6.8	0.2	158	28.1	28.3	7.6	7.6	28.6	28.4	87.0	89.8	5.8	8.4	6	6									
						6.8	0.2	159	28.4	28.3	7.7	7.7	28.3	28.3	92.5	6.1	8.5	6	6										
					IM5	Misty	Moderate	12:24	7.2	Surface	1.0	0.4	243	28.3	28.3	7.7	7.7	28.3	28.4	91.3	90.7	6.1	5.9	6	6			820730	804874
											1.0	0.4	265	28.3	28.3	7.7	7.7	28.4	28.4	90.0	6.0	6.0	5						
											3.6	0.3	205	28.6	28.7	7.7	7.7	28.5	28.5	87.4	87.7	5.8	6.0	6.3	5				
Middle	3.6	0.3	221	28.7						28.7	7.7	7.7	28.5	28.5	87.9	87.7	5.8	6.0	5	5									
	6.2	0.2	173	28.8						28.8	7.7	7.7	28.4	28.3	88.8	88.9	5.9	7.1	4	4									
	6.2	0.2	186	28.8						28.8	7.7	7.7	28.3	28.3	89.0	5.9	7.1	4	4										
IM6	Misty	Moderate	12:16	6.4						Surface	1.0	0.3	260	28.3	28.3	7.7	7.7	28.5	28.5	92.0	89.2	6.1	6.2	5	5	821069	805839		
											1.0	0.3	284	28.3	28.3	7.7	7.7	28.5	28.5	86.4	5.7	6.1	4						
											3.2	0.2	219	28.5	28.6	7.7	7.7	28.5	28.5	84.5	84.9	5.6	7.4	7.4	5				
					Middle	3.2	0.2	231	28.6	28.6	7.7	7.7	28.5	28.5	85.3	84.9	5.6	7.4	6	6									
						5.4	0.2	191	28.8	28.8	7.7	7.7	28.4	28.3	89.7	89.8	5.9	8.6	5	5									
						5.4	0.2	191	28.8	28.8	7.7	7.7	28.3	28.3	89.8	5.9	8.7	5	5										
					IM7	Misty	Moderate	12:07	8.0	Surface	1.0	0.1	224	28.4	28.4	7.7	7.7	27.9	28.0	95.3	95.4	6.3	6.1	4	4			821372	806836
											1.0	0.2	237	28.3	28.4	7.7	7.7	28.1	28.0	95.4	6.4	6.2	5						
											4.0	0.1	182	28.2	28.2	7.7	7.7	28.5	28.5	85.1	85.4	5.7	7.2	7.3	5				
Middle	4.0	0.1	198	28.2						28.2	7.7	7.7	28.6	28.5	85.6	85.4	5.7	7.1	6	6									
	7.0	0.1	140	28.2						28.2	7.7	7.6	28.5	28.4	91.1	91.6	6.1	8.8	6	6									
	7.0	0.1	152	28.2						28.2	7.6	7.6	28.3	28.4	92.0	6.1	8.7	5	5										
IM8	Misty	Moderate	12:00	8.2						Surface	1.0	0.1	145	28.3	28.3	7.6	7.6	27.9	28.0	91.6	91.5	6.1	6.7	3	3	821847	808153		
											1.0	0.1	159	28.3	28.3	7.6	7.6	28.0	28.0	91.3	6.1	6.6	4						
											4.1	0.2	83	28.4	28.4	7.6	7.6	27.9	27.9	83.5	83.4	5.6	7.1	7.3	4				
					Middle	4.1	0.2	83	28.4	28.4	7.6	7.6	27.8	27.8	83.2	83.4	5.5	7.2	3	3									
						7.2	0.2	79	28.6	28.7	7.6	7.6	27.4	27.4	83.6	84.3	5.6	8.2	3	3									
						7.2	0.2	83	28.7	28.7	7.6	7.6	27.3	27.3	84.9	5.7	8.2	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 07 September 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	Moderate	12:07	7.6	Surface	1.0	0.3	102	28.3	28.3	7.6	7.6	28.0	28.0	89.5	89.2	6.0	5.7	6.7	7.5	3	4	822107	808792					
						1.0	0.3	102	28.3	7.6	7.6	28.0	28.0	88.9	89.0	5.9	5.7	6.7	3										
						3.8	0.3	119	28.4	7.6	7.6	27.9	27.9	83.1	83.0	5.5	5.5	7.0	3										
					Middle	3.8	0.3	130	28.4	28.4	7.6	7.6	27.8	27.9	82.9	83.0	5.5	5.5	7.1	4									
						6.6	0.3	91	28.6	28.6	7.6	7.6	27.5	27.4	84.0	84.7	5.6	5.7	8.6	6									
						6.6	0.3	91	28.6	28.6	7.6	7.6	27.4	27.4	85.4	85.7	5.7	5.7	8.6	5									
					IM10	Misty	Moderate	12:14	8.0	Surface	1.0	0.7	118	28.5	28.5	7.7	7.7	27.8	27.9	89.8	89.8	6.0	6.0	4.6	5.8	6	6	822400	809786
											1.0	0.7	119	28.5	28.5	7.7	7.7	27.9	28.0	89.7	90.2	6.0	6.0	4.7	5				
											4.0	0.7	117	28.5	28.5	7.7	7.7	28.0	28.0	90.1	90.2	6.0	6.0	5.9	5				
Middle	4.0	0.8	119	28.5						28.5	7.7	7.7	28.0	28.0	90.3	90.2	6.0	6.0	5.8	6									
	7.0	0.4	106	28.5						28.5	7.7	7.7	28.0	28.0	91.0	91.1	6.1	6.1	7.0	6									
	7.0	0.4	108	28.5						28.5	7.7	7.7	28.0	28.0	91.2	91.1	6.1	6.1	6.9	6									
IM11	Misty	Moderate	12:24	8.8						Surface	1.0	0.8	128	28.4	28.4	7.7	7.7	27.7	27.7	92.6	90.9	6.2	6.0	6.2	7.4	6	6	822047	811475
											1.0	0.8	128	28.4	28.4	7.7	7.7	27.8	27.9	89.1	89.0	5.9	6.0	6.1	5				
											4.4	0.8	129	28.5	28.5	7.7	7.7	27.9	27.9	88.9	89.0	5.9	5.9	7.4	6				
					Middle	4.4	0.9	135	28.5	28.5	7.7	7.7	27.9	27.9	89.1	89.0	5.9	5.9	7.4	5									
						7.8	0.7	117	28.6	28.6	7.7	7.7	27.9	27.9	90.6	91.0	6.0	6.1	8.6	7									
						7.8	0.7	127	28.6	28.6	7.7	7.7	27.9	27.9	91.4	91.0	6.1	6.1	8.7	6									
					IM12	Misty	Moderate	12:30	9.8	Surface	1.0	0.7	108	28.4	28.4	7.7	7.7	28.1	28.1	88.4	88.4	5.9	5.9	4.2	5.4	10	8	821481	812023
											1.0	0.8	110	28.4	28.4	7.7	7.7	28.1	28.1	88.4	88.4	5.9	5.9	4.1	10				
											4.9	0.8	113	28.5	28.5	7.7	7.7	28.6	28.6	89.1	89.2	5.9	5.9	5.7	8				
Middle	4.9	0.8	117	28.5						28.5	7.7	7.7	28.7	28.0	89.2	89.2	5.9	5.9	5.7	9									
	8.8	0.5	107	28.5						28.5	7.7	7.7	29.5	29.5	91.0	91.1	6.0	6.0	6.4	7									
	8.8	0.5	115	28.5						28.5	7.7	7.7	29.5	29.5	91.2	91.1	6.0	6.0	6.4	6									
SR1A	Misty	Moderate	13:32	4.8						Surface	1.0	-	-	28.6	28.6	7.7	7.7	28.5	28.5	93.2	93.3	6.2	6.2	4.7	5.0	10	9	819981	812657
											1.0	-	-	28.6	28.6	7.7	7.7	28.4	28.4	93.3	93.3	6.2	6.2	4.8	9				
											2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	-	-	-				
						3.8	-	-	28.5	28.5	7.7	7.7	28.2	28.2	88.6	88.7	5.9	5.9	5.2	9									
						3.8	-	-	28.5	28.5	7.7	7.7	28.3	28.2	88.8	88.7	5.9	5.9	5.1	8									
					SR2	Misty	Moderate	13:55	4.0	Surface	1.0	0.5	83	28.6	28.6	7.7	7.7	28.2	28.2	91.9	92.0	6.1	6.1	7.3	6	6	821454	814158	
											1.0	0.5	83	28.6	28.6	7.7	7.7	28.2	28.2	92.0	92.0	6.1	6.1	7.2	7				
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	-	-				
	3.0	0.4	69	28.6						28.6	7.7	7.7	28.3	28.3	92.4	92.5	6.1	6.1	8.2	6									
	3.0	0.4	69	28.6						28.6	7.7	7.7	28.4	28.3	92.5	92.5	6.1	6.1	8.1	5									
SR3	Misty	Moderate	11:53	9.4						Surface	1.0	0.1	181	28.3	28.3	7.6	7.6	28.0	28.0	92.0	91.5	6.1	5.8	6.2	7.4	5	4	822156	807593
											1.0	0.1	196	28.2	28.2	7.6	7.6	28.1	28.2	90.9	91.5	6.1	6.1	6.1	4				
											4.7	0.0	284	28.2	28.2	7.6	7.6	28.2	28.2	82.9	82.8	5.5	5.5	7.5	3				
					Middle	4.7	0.0	294	28.2	28.2	7.6	7.6	28.2	28.2	82.6	82.8	5.5	5.5	7.5	4									
						8.4	0.1	96	28.5	28.6	7.6	7.6	27.6	27.5	83.2	83.7	5.5	5.6	8.4	3									
						8.4	0.1	100	28.6	28.6	7.6	7.6	27.4	27.4	84.1	83.7	5.6	5.6	8.5	4									
					SR4A	Misty	Moderate	13:33	7.2	Surface	1.0	0.1	81	28.4	28.4	7.7	7.7	28.5	28.5	93.2	93.1	6.2	6.1	5.5	6.4	7	6	817177	807817
											1.0	0.1	81	28.4	28.4	7.7	7.7	28.5	28.5	93.0	93.1	6.2	6.1	5.6	6				
											3.6	0.0	78	28.4	28.4	7.7	7.7	28.5	28.5	90.7	88.7	6.0	6.1	6.5	5				
Middle	3.6	0.0	82	28.4						28.4	7.7	7.7	28.5	28.5	86.7	88.7	5.8	6.0	6.4	6									
	6.2	0.0	4	28.6						28.6	7.7	7.7	28.3	28.2	86.3	87.7	5.7	5.8	7.3	6									
	6.2	0.0	4	28.6						28.6	7.7	7.7	28.2	28.2	89.0	87.7	5.9	5.8	7.4	5									
SR5A	Misty	Moderate	13:53	4.0						Surface	1.0	0.1	348	28.6	28.6	7.7	7.7	28.1	28.1	94.7	94.7	6.3	6.3	5.8	6.4	4	5	816584	810674
											1.0	0.1	354	28.6	28.6	7.7	7.7	28.1	28.1	94.7	94.7	6.3	6.3	5.8	5				
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	-	-	-				
						3.0	0.1	337	28.6	28.6	7.7	7.7	28.1	28.1	94.5	94.4	6.3	6.3	7.0	5									
						3.0	0.1	310	28.6	28.6	7.7	7.7	28.1	28.1	94.3	94.4	6.3	6.3	6.9	6									
					SR6A	Misty	Moderate	14:08	3.8	Surface	1.0	0.0	21	28.6	28.6	7.7	7.7	28.1	28.1	94.2	94.2	6.2	6.2	6.6	6.8	5	6	817940	814722
											1.0	0.0	21	28.6	28.6	7.7	7.7	28.1	28.1	94.2	94.2	6.2	6.2	6.7	6				
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	6.8	-	-	-				
	2.8	0.0	195	28.6						28.6	7.7	7.7	28.1	28.1	94.6	94.7	6.3	6.3	7.0	6									
	2.8	0.0	204	28.6						28.6	7.7	7.7	28.1	28.1	94.7	94.7	6.3	6.3	7.0	5									
SR7	Misty	Moderate	14:49	14.0						Surface	1.0	0.9	68	28.5	28.6	7.7	7.7	27.9	27.9	90.4	90.5	6.0	6.0	6.2	7.2	6	7	823653	823733
											1.0	1.0	73	28.6	28.6	7.7	7.7	27.9	27.9	90.6	90.8	6.0	6.0	6.2	7				
											7.0	0.8	57	28.5	28.5	7.7	7.7	27.8	27.8	90.8	90.8	6.0	6.0	7.2	6				
					Middle	7.0	0.8	57	28.5	28.5	7.7	7.7	27.8	27.8	90.8	90.8	6.0	6.0	7.2	7									
						13.0	0.4	18	28.5	28.5	7.7	7.7	27.7	27.6	90.9	91.0	6.1	6.1	8.1	7									
						13.0	0.4	18	28.5	28.5	7.7	7.7	27.6	27.6	91.1	91.0	6.1	6.1	8.1	7									
					SR8	Misty	Moderate	12:39	4.4	Surface	1.0	-	-	28.5	28.5	7.7	7.7	28.7	28.7	89.8	89.8	5.9	5.9	4.1	4.7	10	9	820380	811620
											1.0	-	-	28.5	28.5	7.7	7.7	28.7	28.7	89.8	89.8	5.9	5.9	4.1	9				
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	4.7	-	-	-				
	3.4	-	-	28.5						28.5	7.7	7.7	29.0	28.9	90.6	90.8	6.0	6.0	5.4	9									
	3.4	-	-	28.5						28.5	7.7	7.7	28.7	28.7	90.9	90.8	6.0	6.0	5.4	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 07 September 21 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA						
C1	Misty	Moderate	07:08	8.6	Surface	1.0	0.5	26	28.0	28.0	7.7	7.7	27.6	27.6	93.0	92.9	6.2	6.1	2.9	3.8	6	7	815640	804266				
						1.0	0.5	27	28.0	28.0	7.7	7.7	27.7	27.7	92.7	92.9	6.2	6.1	2.9	3.8	7	7						
						4.3	0.5	40	28.0	28.0	7.6	7.6	27.8	27.7	89.0	89.0	6.0	6.0	4.1	6	7	7						
					Middle	4.3	0.5	40	28.0	28.0	7.6	7.6	27.7	27.7	89.0	89.0	6.0	6.0	4.2	6	7	7						
						7.6	0.4	30	28.1	28.1	7.6	7.6	27.6	27.6	89.8	90.0	6.0	6.1	4.2	7	7	7						
						7.6	0.4	31	28.1	28.1	7.6	7.6	27.6	27.6	90.1	90.0	6.1	6.1	4.3	8	7	7						
					Bottom	1.0	0.2	336	28.0	28.0	7.7	7.7	27.7	27.7	88.4	88.4	5.9	5.9	7.6	6.3	5	5			5	5	825690	806940
						1.0	0.2	309	28.0	28.0	7.7	7.7	27.7	27.7	88.3	88.3	5.9	5.9	7.6	6.3	5	5			5	5		
						6.1	0.3	5	28.2	28.2	7.7	7.7	27.6	27.6	88.8	89.2	5.9	5.9	8.6	6.3	4	5			5	5		
Middle	6.1	0.4	5	28.2	28.2	7.7	7.7	27.5	27.5	89.5	89.2	6.0	6.0	8.5	6.3	5	5	5	5									
	11.2	0.6	36	28.2	28.2	7.7	7.7	27.3	27.3	94.3	94.2	6.3	6.3	9.5	6.3	5	5	5	5									
	11.2	0.6	38	28.1	28.1	7.7	7.7	27.4	27.4	94.1	94.1	6.3	6.3	9.5	6.3	4	5	5	5									
C3	Misty	Moderate	06:16	11.0	Surface	1.0	0.8	262	26.8	26.8	7.6	7.6	29.8	29.9	81.5	80.9	5.5	5.2	6.3	7.2	4	5	822091	817811				
						1.0	0.8	271	26.7	26.7	7.6	7.6	29.9	29.9	80.2	80.9	5.4	5.2	6.4	7.2	5	5						
						5.5	0.7	264	26.8	26.9	7.5	7.5	30.2	30.1	72.9	73.0	4.9	5.1	7.2	5	5	5						
					Middle	5.5	0.8	286	26.9	26.9	7.5	7.5	30.1	30.1	73.1	73.0	4.9	5.1	7.2	5	5	5			5			
						10.0	0.5	267	27.2	27.3	7.5	7.5	29.9	29.9	75.4	76.0	5.1	5.1	8.1	6.3	5	5			5	5		
						10.0	0.5	290	27.3	27.3	7.5	7.5	29.9	29.9	76.6	76.0	5.1	5.1	8.1	6.3	5	5			5	5		
					Bottom	1.0	0.2	29	28.1	28.1	7.7	7.7	27.6	27.6	91.4	91.5	6.1	6.1	5.6	6.2	6	7			7	7		
						1.0	0.2	31	28.2	28.2	7.7	7.7	27.6	27.6	91.6	91.5	6.1	6.1	5.6	6.2	7	7			7	7		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	
IM1	Misty	Moderate	07:30	4.2	Middle	3.2	0.0	209	28.2	28.2	7.7	7.7	27.6	27.5	92.7	92.9	6.2	6.2	6.3	8	8	8	817944	807151				
						3.2	0.0	209	28.2	28.2	7.7	7.7	27.5	27.5	93.1	92.9	6.2	6.2	6.2	8	8	8						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		
IM2	Misty	Moderate	07:38	6.2	Surface	1.0	0.4	7	28.3	28.3	7.6	7.6	26.7	26.7	90.7	90.8	6.1	6.2	4.0	4.6	6	7	818160	806187				
						1.0	0.4	7	28.3	28.3	7.6	7.6	26.7	26.7	90.8	90.8	6.1	6.2	4.0	4.6	7	7						
						3.1	0.3	0	28.1	28.1	7.6	7.6	26.8	26.8	91.7	92.1	6.2	6.2	4.5	9	9	9						
					Middle	3.1	0.4	0	28.1	28.1	7.6	7.6	26.8	26.8	92.4	92.1	6.2	6.2	4.5	9	9	9						
						5.2	0.2	339	28.1	28.1	7.7	7.7	27.5	27.5	91.8	91.8	6.2	6.2	5.4	9	9	9						
						5.2	0.2	341	28.1	28.1	7.7	7.7	27.6	27.5	91.7	91.8	6.2	6.2	5.4	10	9	9						
					Bottom	1.0	0.4	355	28.4	28.4	7.6	7.6	26.5	26.5	92.6	92.6	6.2	6.2	7.8	6.2	8	8			8	8		
						1.0	0.5	327	28.4	28.4	7.6	7.6	26.5	26.5	92.6	92.6	6.2	6.2	7.8	6.2	8	8			8	8		
						3.2	0.4	346	28.4	28.4	7.6	7.6	26.5	26.5	92.4	92.3	6.2	6.2	8.6	6.2	8	8			8	8		
IM3	Misty	Moderate	07:44	6.4	Middle	3.2	0.5	318	28.4	28.4	7.6	7.6	26.5	26.5	92.2	92.3	6.2	6.2	8.7	8	8	8						
						3.2	0.5	318	28.4	28.4	7.6	7.6	26.5	26.5	92.2	92.3	6.2	6.2	8.7	8	8	8						
						5.4	0.2	301	28.4	28.4	7.6	7.6	26.6	26.6	90.8	90.8	6.1	6.1	9.6	6.2	6	6						
Bottom	5.4	0.2	309	28.4	28.4	7.6	7.6	26.6	26.6	90.7	90.8	6.1	6.1	9.6	6.2	7	7	7	7									
	1.0	0.8	4	28.5	28.5	7.6	7.6	26.6	26.6	91.4	91.3	6.1	6.1	7.3	6.2	9	9	9	9									
	1.0	0.9	4	28.5	28.5	7.6	7.6	26.6	26.6	91.1	91.3	6.1	6.1	7.3	6.2	9	9	9	9									
IM4	Misty	Moderate	07:55	8.0	Middle	4.0	0.7	354	28.5	28.5	7.6	7.6	26.6	26.6	89.4	89.5	6.0	6.1	8.3	8.3	9	9	819743	804615				
						4.0	0.8	326	28.5	28.5	7.6	7.6	26.6	26.6	89.6	89.5	6.0	6.1	8.3	8.3	9	9						
						7.0	0.5	343	28.4	28.4	7.6	7.6	26.5	26.5	92.9	93.0	6.2	6.2	9.2	6.2	9	9						
Bottom	7.0	0.5	350	28.4	28.4	7.6	7.6	26.5	26.5	93.1	93.0	6.2	6.2	9.2	6.2	8	8	8	8									
	1.0	1.2	8	28.4	28.4	7.7	7.6	26.5	26.5	93.6	93.6	6.3	6.3	2.2	6.3	8	8	8	8									
	1.0	1.2	8	28.4	28.4	7.6	7.6	26.5	26.5	93.5	93.6	6.3	6.3	2.2	6.3	7	7	7	7									
IM5	Misty	Moderate	08:04	7.2	Middle	3.6	1.0	11	28.4	28.4	7.6	7.6	26.5	26.5	93.3	93.3	6.3	6.3	2.3	2.6	7	8	820713	804880				
						3.6	1.0	11	28.4	28.4	7.6	7.6	26.5	26.5	93.2	93.3	6.3	6.3	2.4	2.6	8	8						
						6.2	0.6	12	28.4	28.4	7.6	7.6	26.5	26.3	92.8	92.7	6.2	6.2	3.2	6.2	8	8						
Bottom	6.2	0.6	12	28.4	28.4	7.6	7.6	26.5	26.0	92.5	92.7	6.2	6.2	3.2	6.2	8	8											
	1.0	0.1	203	28.5	28.5	7.6	7.6	26.6	26.6	90.7	90.8	6.1	6.1	1.2	6.1	8	8	8	8									
	1.0	0.1	211	28.5	28.5	7.6	7.6	26.6	26.6	90.8	90.8	6.1	6.1	1.2	6.1	8	8	8	8									
IM6	Misty	Moderate	08:13	6.6	Middle	3.3	0.1	82	28.5	28.5	7.6	7.6	26.6	26.6	91.6	91.8	6.1	6.1	2.1	2.1	7	8	821057	805823				
						3.3	0.1	89	28.5	28.5	7.6	7.6	26.6	26.6	92.0	91.8	6.2	6.2	2.1	2.1	8	8						
						5.6	0.1	73	28.4	28.4	7.6	7.6	26.5	26.5	92.9	93.1	6.2	6.3	3.1	6.3	8	8						
Bottom	5.6	0.2	78	28.4	28.4	7.6	7.6	26.5	26.5	93.2	93.1	6.2	6.3	3.1	6.3	7	7	7	7									
	1.0	0.0	357	28.5	28.5	7.6	7.6	26.6	26.6	91.4	91.5	6.1	6.1	1.5	6.2	7	6	6	6									
	1.0	0.0	328	28.5	28.5	7.6	7.6	26.6	26.6	91.5	91.5	6.1	6.1	1.4	6.2	6	6	6	6									
IM7	Misty	Moderate	08:21	7.8	Middle	3.9	0.2	121	28.5	28.5	7.6	7.6	26.6	26.6	92.1	92.2	6.2	6.2	2.7	2.6	6	6	821365	806814				
						3.9	0.2	128	28.5	28.5	7.6	7.6	26.6	26.6	92.3	92.2	6.2	6.2	2.6	6.2	6	6						
						6.8	0.2	75	28.4	28.4	7.6	7.6	26.5	26.5	92.9	93.0	6.2	6.2	3.7	6.2	7	6						
Bottom	6.8	0.2	79	28.4	28.4	7.6	7.6	26.5	26.5	93.0	93.0	6.2	6.2	3.7	6.2	6	6											
	1.0	0.3	88	27.9	27.9	7.6	7.6	27.7	27.7	88.0	88.0	5.9	6.0	4.7	5.9	5	5	5	5									
	1.0	0.3	90	27.9	27.9	7.6	7.6	27.7	27.7	87.9	87.9	5.9	6.0	4.6	5.9	4	4	4	4									
IM8	Misty	Moderate	07:51	7.8	Middle	3.9	0.3	82	27.9	27.9	7.6	7.6	27.5	27.4	89.0	90.7	6.0	6.0	5.9	5.8	4	4	821813	808131				
						3.9	0.3	86	27.9	27.9	7.6	7.6	27.3	27.3	92.4	90.7</												

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

Water Quality Monitoring Results on 07 September 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	Moderate	07:45	7.0	Surface	1.0	0.3	57	27.7	27.8	7.6	7.6	28.2	28.2	83.8	83.9	5.6	5.7	6.8	7.7	17	12	822091	808823				
						1.0	0.3	60	27.8	7.6	7.6	28.2	28.0	83.9	85.4	5.6	5.7	6.7	7.7	17	15							
						3.5	0.3	58	27.9	7.6	7.6	28.1	28.0	85.4	86.4	5.7	5.8	7.7	7.8	14	14							
					Middle	3.5	0.3	59	27.9	7.6	7.6	28.0	27.9	85.4	87.9	5.8	5.9	7.8	8.6	4	5							
						6.0	0.3	62	27.9	7.6	7.6	27.7	27.7	87.9	88.0	5.9	5.9	8.6	8.7	5	5							
						6.0	0.3	62	27.9	7.6	7.6	27.7	27.9	88.1	88.0	5.9	5.9	8.7	8.7	5	5							
IM10	Misty	Moderate	07:37	8.2	Surface	1.0	0.5	349	27.9	27.9	7.6	7.6	27.8	27.8	88.7	88.8	6.0	6.0	5.5	6.0	19	17	822373	809794				
						1.0	0.5	349	27.9	7.6	7.6	27.8	27.8	88.8	89.2	6.0	6.0	5.6	6.4	19	18							
						4.1	0.5	325	27.9	7.6	7.6	27.8	27.8	89.1	89.2	6.0	6.0	6.4	6.3	18	19							
					Middle	4.1	0.5	340	27.9	7.6	7.6	27.8	27.9	89.2	88.5	6.0	5.9	6.3	7.7	15	14							
						7.2	0.5	323	27.9	7.6	7.6	27.9	27.9	88.4	88.5	5.9	5.9	7.7	7.6	15	14							
						7.2	0.5	342	27.9	7.6	7.6	27.9	27.9	88.5	88.5	5.9	5.9	7.6	7.6	14	14							
IM11	Misty	Moderate	07:27	9.0	Surface	1.0	0.6	296	27.9	27.9	7.6	7.6	27.9	27.9	88.8	89.0	6.0	6.1	3.4	3.4	16	15	822047	811480				
						1.0	0.7	308	27.9	7.6	7.6	27.8	27.9	89.2	90.9	6.0	6.1	3.4	4.2	15	16							
						4.5	0.6	297	27.9	7.6	7.6	27.9	27.9	90.9	91.4	6.1	6.2	4.2	4.1	16	15							
					Middle	4.5	0.6	326	27.9	7.6	7.6	27.9	27.9	91.8	87.0	6.2	5.9	4.1	5.4	15	14							
						8.0	0.3	281	27.9	7.6	7.6	27.9	27.9	86.9	87.0	5.8	5.9	5.4	5.5	15	14							
						8.0	0.3	303	27.9	7.6	7.6	27.9	27.9	87.0	87.0	5.9	5.9	5.5	5.5	14	14							
IM12	Misty	Moderate	07:18	10.0	Surface	1.0	0.7	274	27.8	27.8	7.6	7.6	27.9	27.9	87.9	88.0	5.9	6.0	6.2	6.2	16	17	821469	812035				
						1.0	0.8	278	27.8	7.6	7.6	27.9	27.9	88.1	88.5	5.9	6.0	6.2	7.9	13	12							
						5.0	0.7	272	27.8	7.6	7.6	28.0	28.0	88.5	88.5	6.0	6.0	7.9	7.8	12	11							
					Middle	5.0	0.7	288	27.8	7.6	7.6	28.0	27.8	88.5	85.1	6.0	5.7	7.8	8.8	12	11							
						9.0	0.6	276	27.9	7.6	7.6	27.8	27.8	85.0	85.1	5.7	5.7	8.7	8.8	11	12							
						9.0	0.6	285	27.9	7.6	7.6	27.8	27.9	85.1	85.1	5.7	5.7	8.8	8.8	12	12							
SR1A	Misty	Moderate	06:45	5.0	Surface	1.0	-	-	27.6	27.6	7.6	7.6	28.0	28.0	87.2	86.9	5.9	5.9	4.5	4.5	7	8	819970	812655				
						1.0	-	-	27.5	27.5	7.6	7.6	28.0	28.0	86.6	86.9	5.9	5.9	4.5	4.5	8	8						
						2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			5.0	9		
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	9	9
						4.0	-	-	27.1	27.1	7.6	7.6	29.2	29.2	87.2	86.8	5.9	5.9	5.5	5.5	9	9						
						4.0	-	-	27.0	27.0	7.6	7.6	29.3	29.3	86.3	86.3	5.8	5.8	5.4	5.4	10	10						
SR2	Misty	Moderate	06:36	4.0	Surface	1.0	0.1	283	27.0	27.1	7.6	7.6	29.5	29.4	73.2	73.2	4.9	4.9	6.2	6.2	6	5	821446	814184				
						1.0	0.1	310	27.1	7.6	7.6	29.4	29.4	73.2	73.2	4.9	4.9	6.2	6.2	5	5							
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			6.5	6		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	6	6
						3.0	0.1	278	27.4	27.4	7.6	7.6	28.8	28.7	74.9	75.3	5.1	5.1	6.9	6.9	5	5						
						3.0	0.1	295	27.4	27.4	7.6	7.6	28.7	28.7	75.7	75.3	5.1	5.1	6.9	6.9	6	6						
SR3	Misty	Moderate	07:58	9.0	Surface	1.0	0.2	55	28.0	28.0	7.7	7.7	27.5	27.5	93.2	93.0	6.3	6.2	6.1	6.1	6	5	822141	807581				
						1.0	0.3	59	28.0	28.0	7.7	7.7	27.6	27.7	92.7	92.7	6.2	6.2	6.1	6.1	5	5						
						4.5	0.5	74	27.9	27.9	7.6	7.6	27.7	27.7	92.4	92.7	6.2	6.2	7.5	7.5	6	5						
					Middle	4.5	0.5	78	27.9	27.9	7.6	7.6	27.7	27.7	92.9	92.7	6.2	6.2	7.5	7.5	5	5						
						8.0	0.6	81	28.0	28.0	7.6	7.6	27.7	27.6	88.9	88.9	6.0	6.0	8.9	9.0	5	5						
						8.0	0.6	85	27.9	28.0	7.6	7.6	27.6	27.6	88.8	88.8	6.0	6.0	9.0	9.0	18	18						
SR4A	Misty	Moderate	06:48	8.6	Surface	1.0	0.1	271	28.0	28.0	7.7	7.7	27.7	27.7	90.2	90.1	6.1	6.0	3.9	4.0	8	9	817183	807788				
						1.0	0.1	293	28.0	28.0	7.7	7.7	27.7	27.7	89.9	89.9	6.0	6.0	4.0	4.0	9	9						
						4.3	0.1	270	28.1	28.1	7.7	7.7	27.7	27.7	89.2	89.2	6.0	6.0	5.0	5.0	7	8						
					Middle	4.3	0.1	294	28.1	28.1	7.7	7.7	27.7	27.7	89.2	89.2	6.0	6.0	5.0	5.0	7	8						
						7.6	0.1	262	28.2	28.2	7.7	7.7	27.7	27.6	90.3	90.7	6.0	6.1	5.2	5.2	8	7						
						7.6	0.1	273	28.2	28.2	7.7	7.7	27.6	27.6	91.0	90.7	6.1	6.1	5.2	5.2	7	7						
SR5A	Misty	Moderate	06:31	3.2	Surface	1.0	0.2	288	28.2	28.2	7.7	7.7	27.4	27.4	93.8	93.8	6.3	6.3	3.3	3.3	10	9	816602	810701				
						1.0	0.2	291	28.2	28.2	7.7	7.7	27.4	27.4	93.8	93.8	6.3	6.3	3.3	3.3	9	9						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			4.0	9		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	9	9
						2.2	0.2	287	28.2	28.2	7.7	7.7	27.4	27.3	93.9	93.9	6.3	6.3	4.6	4.6	9	8						
						2.2	0.2	289	28.2	28.2	7.7	7.7	27.3	27.3	93.9	93.9	6.3	6.3	4.6	4.6	8	8						
SR6A	Misty	Moderate	06:05	5.0	Surface	1.0	0.0	270	28.3	28.3	7.7	7.7	27.3	27.3	94.1	94.1	6.3	6.3	5.3	5.3	8	8	817950	814722				
						1.0	0.0	284	28.3	28.3	7.7	7.7	27.3	27.3	94.0	94.0	6.3	6.3	5.3	5.3	8	8						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			5.8	9		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	9	9
						4.0	0.1	292	28.3	28.3	7.7	7.7	27.3	27.3	94.0	94.0	6.3	6.3	6.2	6.2	10	10						
						4.0	0.1	300	28.3	28.3	7.7	7.7	27.3	27.3	94.0	94.0	6.3	6.3	6.2	6.2	10	10						
SR7	Misty	Moderate	05:41	15.4	Surface	1.0	0.1	184	26.8	26.8	7.5	7.5	29.9	29.9	73.7	73.6	5.0	5.0	3.1	3.2	8	7	823658	823729				
						1.0	0.1	193	26.8	26.8	7.5	7.5	29.9	29.9	73.5	73.5	5.0	5.0	3.2	4.4	7	8						
						7.7	0.1	188	26.7	26.7	7.5	7.5	30.0	30.0	73.1	73.1	5.0	5.0	4.4	4.3	8	9						
					Middle	7.7	0.1	200	26.7	26.7	7.5	7.5	30.0	30.0	73.1	73.1	5.0	5.0	4.3	5.3	9	12						
						14.4	0.1	176	26.7	26.7	7.5	7.5	30.0	30.0	73.8	73.9	5.0	5.0	5.3	5.2	12	12						
						14.4	0.1	186	26.7	26.7	7.5	7.5	30.0	30.0	74.0	74.0	5.0	5.0	5.2	5.2	12	12						
SR8	Misty	Moderate	07:06	5.0	Surface	1.0	-	-	27.9	27.9	7.6	7.6	27.8	27.8	85.3	85.4	5.7	5.7	7.6	7.7	7	7	820402	811617				
						1.0	-	-	27.9	27.9	7.6	7.6	27.8	27.8	85.4	8												

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

Water Quality Monitoring Results on 09 September 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	14:07	8.6	Surface	1.0	0.3	198	28.0	28.0	7.9	7.9	27.0	27.0	73.6	73.6	5.0	5.0	6.9	13	14	815613	804240	
						1.0	0.3	211	28.0	7.9	7.9	27.0	27.0	73.6	73.6	5.0	5.0	6.8	14					
						4.3	0.3	204	28.0	7.9	7.9	27.0	27.0	73.8	73.8	5.0	5.0	6.2	15					
					Middle	4.3	0.3	221	28.0	28.0	7.9	7.9	27.0	27.0	73.7	73.8	5.0	5.0	6.3	14				
						7.6	0.3	226	27.4	27.4	7.9	7.9	27.7	27.6	67.1	67.1	4.6	4.6	12.9	15				
						7.6	0.3	246	27.4	27.4	7.9	7.9	27.6	27.6	67.1	67.1	4.6	4.6	12.2	14				
					Bottom	1.0	0.7	174	28.3	28.3	7.9	7.9	26.3	26.3	74.1	74.1	5.0	5.0	7.2	10				
						1.0	0.8	187	28.3	28.3	7.9	7.9	26.3	26.3	74.1	74.1	5.0	5.0	7.2	11				
						6.2	0.4	163	27.5	27.5	7.9	7.9	27.3	27.3	68.1	68.1	4.6	4.6	12.5	8				
Middle	6.2	0.4	165	27.5	27.5	7.9	7.9	27.3	27.3	68.1	68.1	4.6	4.6	12.7	7									
	11.4	0.3	164	27.2	27.2	7.9	7.9	27.7	27.7	66.5	66.5	4.5	4.5	14.2	8									
	11.4	0.3	179	27.2	27.2	7.9	7.9	27.7	27.7	66.8	66.7	4.5	4.5	14.3	7									
C2	Cloudy	Moderate	12:52	12.4	Surface	1.0	0.3	47	27.7	27.7	7.9	7.9	27.2	27.2	70.8	70.8	4.8	4.8	9.5	10	9	822110	817792	
						1.0	0.3	49	27.7	27.7	7.9	7.9	27.2	27.2	70.7	70.7	4.8	4.8	9.4	10				
						5.9	0.2	59	27.2	27.2	7.9	7.9	27.8	27.8	66.5	66.5	4.5	4.5	15.9	9				
					Middle	5.9	0.2	62	27.2	27.2	7.9	7.9	27.8	27.8	66.5	66.5	4.5	4.5	16.1	8				
						10.8	0.2	66	27.2	27.2	7.9	7.9	27.9	27.9	67.6	67.6	4.6	4.6	13.4	8				
						10.8	0.2	66	27.2	27.2	7.9	7.9	27.9	27.9	67.7	67.7	4.6	4.6	14.1	7				
					Bottom	1.0	0.1	233	28.3	28.3	7.9	7.9	26.7	26.7	75.2	75.3	5.1	5.1	12.3	11				
						1.0	0.1	236	28.2	28.2	7.9	7.9	26.7	26.7	75.3	75.3	5.1	5.1	12.6	12				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.9	13	817948	807129			
	4.4	0.1	233	28.2	28.2	7.9	7.9	26.8	26.8	77.3	77.6	5.2	5.2	13.4	15									
	4.4	0.1	252	28.2	28.2	7.9	7.9	26.8	26.8	77.8	77.8	5.2	5.2	13.2	14									
IM1	Cloudy	Moderate	13:45	5.4	Surface	1.0	0.1	211	28.4	28.4	7.9	7.9	26.6	26.6	75.1	75.1	5.0	5.0	13.3	7	9	818164	806183	
						1.0	0.1	219	28.4	28.4	7.9	7.9	26.6	26.6	75.0	75.0	5.0	5.0	13.4	8				
						3.6	0.2	126	28.3	28.3	7.9	7.9	26.7	26.7	73.7	73.7	5.0	5.0	14.3	9				
					Middle	3.6	0.2	137	28.3	28.3	7.9	7.9	26.7	26.7	73.7	73.7	5.0	5.0	14.1	10				
						6.2	0.1	62	28.2	28.2	7.9	7.9	26.8	26.8	73.1	73.3	4.9	4.9	18.7	10				
						6.2	0.1	64	28.2	28.2	7.9	7.9	26.8	26.8	73.4	73.3	4.9	4.9	18.7	11				
					Bottom	1.0	0.1	251	28.4	28.4	7.9	7.9	26.6	26.6	74.6	74.6	5.0	5.0	12.1	6				
						1.0	0.1	253	28.4	28.4	7.9	7.9	26.6	26.6	74.5	74.5	5.0	5.0	12.2	16				
						3.5	0.1	192	28.3	28.3	7.9	7.9	26.7	26.7	73.3	73.3	4.9	4.9	14.7	9				
Middle	3.5	0.1	204	28.3	28.3	7.9	7.9	26.7	26.7	73.3	73.3	4.9	4.9	14.6	10									
	5.9	0.1	93	28.2	28.2	7.9	7.9	26.8	26.7	73.5	73.6	4.9	4.9	17.3	11									
	5.9	0.2	94	28.3	28.3	7.9	7.9	26.8	26.7	73.7	73.6	5.0	5.0	17.2	12									
IM2	Cloudy	Moderate	13:28	6.9	Surface	1.0	0.8	195	28.3	28.3	7.9	7.9	26.7	26.7	75.4	75.4	5.1	5.1	8.2	11	10	819729	804585	
						1.0	0.8	211	28.3	28.3	7.9	7.9	26.7	26.7	75.3	75.3	5.1	5.1	8.2	11				
						3.8	0.5	186	28.0	28.0	7.9	7.9	26.9	26.9	72.4	72.4	4.9	4.9	12.2	10				
					Middle	3.8	0.5	188	28.0	28.0	7.9	7.9	26.9	26.9	72.4	72.4	4.9	4.9	12.2	9				
						6.5	0.4	179	27.6	27.6	7.9	7.9	27.4	27.4	68.8	68.8	4.7	4.7	18.7	9				
						6.5	0.4	181	27.6	27.6	7.9	7.9	27.4	27.4	68.8	68.8	4.7	4.7	18.8	8				
					Bottom	1.0	0.7	207	28.8	28.8	7.9	7.9	26.4	26.5	79.8	79.7	5.3	5.3	6.6	5				
						1.0	0.7	220	28.7	28.7	7.9	7.9	26.5	26.5	79.6	79.6	5.3	5.3	6.8	6				
						3.3	0.6	229	28.2	28.2	7.9	7.9	27.0	27.0	73.6	73.7	4.9	4.9	7.1	6				
Middle	3.3	0.6	247	28.2	28.2	7.9	7.9	27.0	27.0	73.7	73.7	4.9	4.9	7.0	6									
	5.5	0.4	198	27.7	27.7	7.9	7.9	27.1	27.1	70.1	70.2	4.7	4.7	15.9	8									
	5.5	0.4	205	27.7	27.7	7.9	7.9	27.1	27.1	70.3	70.2	4.8	4.8	15.9	8									
IM3	Cloudy	Moderate	13:05	6.2	Surface	1.0	0.5	222	28.2	28.2	7.9	7.9	26.4	26.4	76.3	76.3	5.1	5.1	6.1	8	8	821049	805837	
						1.0	0.5	222	28.2	28.2	7.9	7.9	26.4	26.4	76.2	76.2	5.1	5.1	6.1	9				
						3.1	0.5	256	28.2	28.2	7.9	7.9	26.8	26.8	74.7	74.8	5.0	5.0	12.3	8				
					Middle	3.1	0.5	262	28.2	28.2	7.9	7.9	26.8	26.8	74.7	74.8	5.0	5.0	12.2	7				
						5.2	0.3	260	28.3	28.3	8.0	8.0	27.4	27.4	77.0	77.2	5.2	5.2	16.9	7				
						5.2	0.3	280	28.3	28.3	8.0	8.0	27.4	27.4	77.4	77.2	5.2	5.2	16.9	8				
					Bottom	1.0	0.2	254	28.3	28.3	7.9	7.9	26.4	26.4	74.2	74.3	5.0	5.0	10.8	9				
						1.0	0.2	262	28.3	28.3	7.9	7.9	26.5	26.5	74.3	74.3	5.0	5.0	10.8	8				
						3.6	0.3	251	28.3	28.3	7.9	7.9	26.5	26.5	74.7	75.0	5.0	5.0	10.8	9				
Middle	3.6	0.4	255	28.3	28.3	7.9	7.9	26.6	26.6	75.2	75.0	5.1	5.1	10.5	8									
	6.1	0.2	249	28.4	28.4	8.0	8.0	27.2	27.2	76.8	76.7	5.1	5.1	9.2	11									
	6.1	0.2	257	28.4	28.4	8.0	8.0	27.2	27.2	76.6	76.6	5.1	5.1	9.8	11									
IM4	Cloudy	Moderate	12:58	7.1	Surface	1.0	0.0	262	28.3	28.3	7.9	7.9	26.3	26.3	74.5	74.5	5.0	5.0	10.8	11	9	821338	806838	
						1.0	0.0	270	28.3	28.3	7.9	7.9	26.3	26.3	74.5	74.5	5.0	5.0	10.8	11				
						4.2	0.2	189	28.3	28.3	8.0	8.0	26.7	26.8	75.1	75.2	5.0	5.0	11.9	10				
					Middle	4.2	0.2	189	28.3	28.3	8.0	8.0	26.7	26.9	75.1	75.2	5.0	5.0	12.5	10				
						7.3	0.1	218	28.2	28.2	8.0	8.0	27.7	27.7	75.6	75.7	5.1	5.1	16.3	10				
						7.3	0.1	233	28.2	28.2	8.0	8.0	27.7	27.7	75.7	75.7	5.1	5.1	16.2	11				
					Bottom	1.0	0.0	262	28.3	28.3	7.9	7.9	26.3	26.3	74.5	74.5	5.0	5.0	10.8	11				
						1.0	0.0	270	28.3	28.3	7.9	7.9	26.3	26.3	74.5	74.5	5.0	5.0	10.8	11				
						4.2	0.2	189	28.3	28.3	8.0	8.0	26.7	26.8	75.1	75.2	5.0	5.0	11.9	10				
Middle	4.2	0.2	189	28.3	28.3	8.0	8.0	26.7	26.9	75.1	75.2	5.0	5.0	12.5	10									
	7.3	0.1	218	28.2	28.2	8.0	8.0	27.7	27.7	75.6	75.7	5.1	5.1	16.3	10									
	7.3	0.1	233	28.2	28.2	8.0	8.0	27.7	27.7	75.7	75.7	5.1	5.1	16.2	11									
Bottom	1.0	0.0	262	28.3	28.3	7.9	7.9	26.3	26.3	74.5	74.5	5.0	5.0	10.8	11									
	1.0	0.0	270	28.3	28.3	7.9	7.9	26.3	26.3	74.5	74.5	5.0	5.0	10.8	11									
	4.2	0.2	189	28.3	28.3	8.0	8.0	26.7	26.8	75.1	75.2	5.0	5.0											

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

Water Quality Monitoring Results on 09 September 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	Moderate	13:24	7.8	Surface	1.0	0.2	130	28.2	28.2	7.9	7.9	26.4	26.4	75.8	75.8	5.1	5.1	6.3	8	7	822085	808819								
						1.0	0.2	135	28.2	7.9	7.9	26.4	26.4	75.8	75.8	5.1	5.1	6.3	8												
						3.9	0.2	137	28.2	7.9	7.9	26.9	26.9	74.1	74.2	5.0	5.0	13.0	8												
					Middle	3.9	0.2	140	28.2	28.2	7.9	7.9	26.9	26.9	74.2	74.2	5.0	5.0	12.8	7											
						6.8	0.2	122	28.3	28.3	8.0	8.0	27.5	27.5	74.7	74.7	5.0	5.0	18.5	7											
						6.8	0.2	125	28.3	28.3	8.0	8.0	27.5	27.5	74.7	74.7	5.0	5.0	18.1	6											
					IM10	Cloudy	Moderate	13:31	7.6	Surface	1.0	0.5	125	29.1	29.1	7.9	7.9	26.3	26.3	80.0				80.0	5.3	5.3	6.2	8	7	822379	809772
											1.0	0.6	137	29.1	29.1	7.9	7.9	26.3	26.3	79.9				79.9	5.3	5.3	6.3	9			
											3.8	0.5	131	28.5	28.5	7.9	7.9	26.9	26.9	75.3				75.2	5.0	5.0	7.1	8			
Middle	3.8	0.6	139	28.4						28.4	7.9	7.9	26.9	26.9	75.0	75.0	5.0	5.0	7.1	7											
	6.6	0.3	127	27.7						27.7	7.9	7.9	27.1	27.1	70.9	71.0	4.8	4.8	17.7	6											
	6.6	0.4	134	27.8						27.8	7.9	7.9	27.0	27.0	71.0	71.0	4.8	4.8	17.6	5											
IM11	Cloudy	Moderate	13:42	8.7						Surface	1.0	0.5	104	28.3	28.3	7.9	7.9	26.6	26.6	75.7	75.7	5.1	5.1	9.1	12	10	822046	811447			
											1.0	0.6	113	28.3	28.3	7.9	7.9	26.6	26.6	75.7	75.7	5.1	5.1	9.0	11						
											4.4	0.4	106	27.9	27.9	7.9	7.9	27.0	27.0	71.6	71.5	4.8	4.8	12.2	10						
					Middle	4.4	0.5	109	27.9	27.9	7.9	7.9	27.0	27.0	71.4	71.5	4.8	4.8	12.0	9											
						7.7	0.2	102	27.5	27.5	7.9	7.9	27.5	27.4	67.9	68.0	4.6	4.6	16.7	9											
						7.7	0.2	111	27.5	27.5	7.9	7.9	27.4	27.4	68.0	68.0	4.6	4.6	16.3	10											
					IM12	Cloudy	Moderate	13:48	9.4	Surface	1.0	0.5	108	28.4	28.4	7.9	7.9	26.6	26.6	75.4	75.4	5.1	5.1	12.0	12				11	821475	812026
											1.0	0.5	108	28.4	28.4	7.9	7.9	26.6	26.6	75.4	75.4	5.1	5.1	11.9	11						
											4.7	0.5	106	28.3	28.3	7.9	7.9	26.7	26.7	73.7	73.7	5.0	5.0	12.1	12						
Middle	4.7	0.5	107	28.3						28.3	7.9	7.9	26.7	26.7	73.7	73.7	5.0	5.0	12.2	12											
	8.4	0.2	77	28.2						28.2	7.9	7.9	26.7	26.7	74.9	75.2	5.0	5.1	17.2	11											
	8.4	0.2	84	28.2						28.2	7.9	7.9	26.7	26.7	75.5	75.2	5.1	5.1	16.8	11											
SR1A	Cloudy	Calm	14:21	4.6						Surface	1.0	-	-	28.6	28.6	7.9	7.9	26.3	26.3	80.6	80.8	5.4	5.4	8.2	9	10	819979	812660			
											1.0	-	-	28.5	28.5	7.9	7.9	26.4	26.4	81.0	80.8	5.4	5.4	7.8	9						
											2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
						3.6	-	-	28.5	28.5	7.9	7.9	26.5	26.4	82.3	82.4	5.5	5.5	6.8	11											
						3.6	-	-	28.5	28.5	7.9	7.9	26.4	26.4	82.4	82.4	5.5	5.5	6.7	10											
					SR2	Cloudy	Moderate	14:35	4.0	Surface	1.0	0.4	86	28.4	28.4	7.9	7.9	26.6	26.6	76.2	76.1	5.1	5.1	10.4	10				9	821450	814161
											1.0	0.4	90	28.3	28.4	7.9	7.9	26.6	26.6	76.0	76.0	5.1	5.1	10.7	9						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.0	0.2	75	28.2						28.2	7.9	7.9	26.7	26.7	75.4	75.5	5.1	5.1	13.5	9											
	3.0	0.2	81	28.2						28.2	7.9	7.9	26.7	26.7	75.5	75.5	5.1	5.1	13.1	8											
SR3	Cloudy	Moderate	13:11	9.0						Surface	1.0	0.2	200	28.2	28.3	7.9	7.9	26.4	26.4	74.2	74.3	5.0	5.0	12.7	9	8	822170	807561			
											1.0	0.3	217	28.3	28.3	7.9	7.9	26.4	26.4	74.4	74.3	5.0	5.1	12.3	9						
											4.5	0.3	178	28.3	28.3	7.9	7.9	26.6	26.6	75.3	75.5	5.1	5.1	11.9	8						
					Middle	4.5	0.3	192	28.3	28.3	7.9	7.9	26.6	26.6	75.6	75.5	5.1	5.1	12.1	7											
						8.0	0.1	210	28.4	28.4	8.0	8.0	27.6	27.6	78.2	78.3	5.2	5.2	13.5	7											
						8.0	0.1	230	28.4	28.4	8.0	8.0	27.5	27.5	78.4	78.3	5.2	5.2	13.2	8											
					SR4A	Cloudy	Moderate	14:32	8.8	Surface	1.0	0.1	215	28.1	28.1	7.9	7.9	26.9	26.9	75.0	75.0	5.1	5.1	5.7	11				13	817206	807786
											1.0	0.1	224	28.1	28.1	7.9	7.9	26.9	26.9	75.0	75.0	5.1	5.1	5.7	12						
											4.4	0.1	65	28.1	28.1	7.9	7.9	27.0	27.0	74.5	74.5	5.0	5.0	5.7	14						
Middle	4.4	0.1	66	28.1						28.1	7.9	7.9	27.0	27.0	74.4	74.5	5.0	5.0	5.7	14											
	7.8	0.1	131	27.9						27.9	7.9	7.9	27.1	27.1	72.7	72.8	4.9	4.9	7.1	14											
	7.8	0.1	132	27.9						27.9	7.9	7.9	27.1	27.1	72.9	72.8	4.9	4.9	7.0	14											
SR5A	Cloudy	Calm	14:56	4.8						Surface	1.0	0.0	315	28.5	28.5	7.9	7.9	26.6	26.6	83.1	83.1	5.6	5.6	3.9	11	12	816606	810712			
											1.0	0.0	343	28.4	28.5	7.9	7.9	26.6	26.6	83.0	83.1	5.6	5.6	3.9	12						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
						3.8	0.0	335	28.2	28.2	7.9	7.9	26.9	26.9	80.9	81.0	5.4	5.5	3.9	12											
						3.8	0.0	339	28.2	28.2	7.9	7.9	26.9	26.9	81.1	81.0	5.5	5.5	3.9	12											
					SR6A	Cloudy	Calm	15:31	4.3	Surface	1.0	0.0	85	28.5	28.5	7.9	7.9	26.6	26.6	83.1	82.9	5.6	5.6	3.8	10				11	817943	814752
											1.0	0.0	89	28.4	28.5	7.9	7.9	26.6	26.6	82.6	82.9	5.5	5.5	3.8	11						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.3	0.0	74	28.3						28.3	7.9	7.9	26.8	26.8	81.9	82.1	5.5	5.5	3.8	11											
	3.3	0.0	75	28.3						28.3	7.9	7.9	26.8	26.8	82.3	82.1	5.5	5.5	3.8	12											
SR7	Cloudy	Moderate	15:21	15.8						Surface	1.0	0.8	94	28.4	28.4	7.9	7.9	26.6	26.6	82.4	82.4	5.5	5.5	4.0	6	5	823645	823740			
											1.0	0.8	103	28.4	28.4	7.9	7.9	26.6	26.6	82.4	82.4	5.5	5.5	4.0	7						
											7.9	0.3	78	27.8	27.8	7.9	7.9	27.3	27.3	75.5	75.4	5.1	5.1	3.9	5						
					Middle	7.9	0.3	82	27.8	27.8	7.9	7.9	27.3	27.3	75.3	75.4	5.1	5.1	3.9	4											
						14.8	0.1	47	27.4	27.4	7.9	7.9	27.8	27.8	71.5	71.6	4.8	4.9	7.5	5											
						14.8	0.1	51	27.4	27.4	7.9	7.9	27.8	27.8	71.6	71.6	4.9	4.9	7.5	5											
					SR8	Cloudy	Calm	13:58	4.8	Surface	1.0	-	-	29.1	29.1	7.9	7.9	26.4	26.4	81.5	81.5	5.4	5.4	7.7	11				11	820405	811643
											1.0	-	-	29.0	29.1	7.9	7.9	26.4	26.4	81.4	81.5	5.4	5.4	7.7	10						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.8	-	-	28.3						28.3	7.9	7.9	26.7	26.7	76.4	76.5	5.1	5.1	9.7	11											
	3.8	-	-	28.3						28.3	7.9	7.9	26.6	26.6	76.6	76.5	5.1	5.1	9.4	12											

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 09 September 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	DA	Value	DA	Value	DA					
C1	Cloudy	Calm	08:01	8.9	Surface	1.0	0.3	52	28.0	28.0	7.9	7.9	26.7	26.7	76.4	76.4	5.2	5.1	9.2	10.8	16	17	17	815628	804224
						1.0	0.3	54	28.0	7.9	26.7	76.4	5.2	9.2											
						4.5	0.3	35	27.8	7.9	26.9	73.2	5.0	10.8											
					4.5	0.3	36	27.8	7.9	26.9	73.1	4.9	10.6												
					7.9	0.2	29	27.8	7.9	26.9	74.8	5.1	12.7												
					7.9	0.2	29	27.9	7.9	26.8	75.3	5.1	12.6												
C2	Cloudy	Moderate	09:39	12.5	Surface	1.0	0.4	171	28.0	28.0	7.9	7.9	25.4	25.4	71.6	71.6	4.9	4.9	5.7	7	7	7	825696	806926	
						1.0	0.5	171	28.0	7.9	25.4	71.5	4.9	5.7											
						6.3	0.1	330	27.9	7.9	25.8	70.6	4.8	11.8											
					6.3	0.1	304	27.9	7.9	25.8	70.5	4.8	12.0												
					11.5	0.3	322	27.8	7.9	26.3	69.4	4.7	12.2												
					11.5	0.3	332	27.8	7.9	26.4	69.4	4.7	12.5												
C3	Cloudy	Moderate	07:29	11.5	Surface	1.0	0.3	240	27.6	27.6	7.9	7.9	27.1	27.1	71.4	71.4	4.8	4.8	3.8	6	6	6	822113	817815	
						1.0	0.3	243	27.6	7.9	27.2	71.3	4.8	3.9											
						5.8	0.2	256	27.5	7.9	27.3	69.5	4.7	6											
					5.8	0.2	267	27.5	7.9	27.4	69.1	4.7	3.8												
					10.5	0.1	288	27.0	7.9	28.0	65.9	4.5	17.8												
					10.5	0.1	289	27.0	7.9	28.0	66.0	4.5	18.0												
IM1	Cloudy	Moderate	08:27	5.2	Surface	1.0	0.2	327	28.0	28.0	7.9	7.9	26.6	26.6	73.9	73.9	5.0	5.0	5.7	6.2	4	4	7	817942	807123
						1.0	0.2	334	28.0	7.9	26.6	73.8	5.0	5.7											
						-	-	-	-	-	-	-	-	-											
					4.2	0.2	258	28.0	7.9	26.6	73.7	5.0	6.8												
					4.2	0.2	265	28.0	7.9	26.6	73.7	5.0	6.6												
					-	-	-	-	-	-	-	-	-												
IM2	Cloudy	Moderate	08:42	7.1	Surface	1.0	0.5	350	28.0	28.0	7.9	7.9	26.5	26.5	74.6	74.6	5.0	5.0	4.6	7.4	5	5	6	818176	806153
						1.0	0.6	322	28.0	7.9	26.5	74.6	5.0	4.7											
						3.6	0.4	329	28.0	7.9	26.6	72.6	4.9	5.9											
					3.6	0.5	355	28.0	7.9	26.6	72.6	4.9	5.7												
					6.1	0.2	266	28.0	7.9	26.8	72.4	4.9	11.6												
					6.1	0.2	287	28.0	7.9	26.7	72.7	4.9	11.7												
IM3	Cloudy	Moderate	08:54	6.8	Surface	1.0	0.6	326	27.9	27.9	7.9	7.9	26.9	26.9	72.2	72.2	4.9	4.9	7.2	11.4	20	21	24	818792	805609
						1.0	0.6	356	27.9	7.9	26.9	72.1	4.9	7.4											
						3.4	0.4	307	27.9	7.9	27.0	71.8	4.9	11.9											
					3.4	0.4	308	27.9	7.9	27.0	71.7	4.8	12.1												
					5.8	0.2	285	27.9	7.9	26.9	71.9	4.9	14.9												
					5.8	0.2	298	27.9	7.9	26.9	72.0	4.9	14.9												
IM4	Cloudy	Moderate	09:06	7.7	Surface	1.0	0.5	327	27.9	27.9	7.9	7.9	26.8	26.8	72.7	72.7	4.9	4.9	11.1	13.1	27	26	26	819702	804620
						1.0	0.6	344	27.9	7.9	26.8	72.6	4.9	11.0											
						3.9	0.4	330	27.8	7.9	26.9	72.2	4.9	13.0											
					3.9	0.5	353	27.8	7.9	26.9	72.2	4.9	13.2												
					6.7	0.3	339	27.8	7.9	26.9	72.4	4.9	15.4												
					6.7	0.3	347	27.8	7.9	26.9	72.5	4.9	15.1												
IM5	Cloudy	Moderate	09:19	6.4	Surface	1.0	0.4	344	28.1	28.1	7.9	7.9	26.6	26.6	76.7	76.7	5.2	5.2	10.6	14.7	17	16	17	820713	804849
						1.0	0.4	316	28.1	7.9	26.6	76.6	5.2	10.8											
						3.2	0.5	357	28.0	7.9	26.7	76.3	5.2	15.5											
					3.2	0.5	328	28.0	7.9	26.7	76.2	5.2	15.3												
					5.4	0.2	17	28.0	7.9	26.7	76.1	5.1	18.2												
					5.4	0.3	18	28.0	7.9	26.7	76.1	5.1	17.9												
IM6	Cloudy	Moderate	09:25	6.3	Surface	1.0	0.4	271	28.2	28.2	7.9	7.9	24.7	24.7	76.2	76.2	5.2	5.1	3.4	5.4	4	4	5	821079	805822
						1.0	0.4	281	28.2	7.9	24.7	76.1	5.2	3.5											
						3.2	0.1	337	28.1	7.9	25.8	74.1	5.0	7.1											
					3.2	0.1	356	28.1	7.9	25.8	74.2	5.0	7.4												
					5.3	0.1	46	28.2	7.9	25.3	75.5	5.1	5.9												
					5.3	0.1	49	28.2	7.9	25.1	75.7	5.1	5.3												
IM7	Cloudy	Moderate	09:39	7.2	Surface	1.0	0.4	247	28.3	28.3	7.8	7.8	24.0	24.0	76.8	76.8	5.2	5.1	3.2	5.1	4	3	4	821335	806819
						1.0	0.4	271	28.3	7.9	24.0	76.8	5.2	3.2											
						3.6	0.4	263	28.1	7.9	25.2	73.5	5.0	5.4											
					3.6	0.4	268	28.1	7.9	25.3	73.5	5.0	5.6												
					6.2	0.2	196	28.1	7.9	25.8	74.0	5.0	6.8												
					6.2	0.2	202	28.1	7.9	25.8	74.3	5.0	6.5												
IM8	Cloudy	Moderate	09:14	8.1	Surface	1.0	0.0	125	28.3	28.3	7.8	7.8	24.0	24.0	76.9	76.9	5.2	5.1	3.2	5.8	3	3	4	821822	808136
						1.0	0.0	132	28.3	7.8	24.0	76.8	5.2	3.2											
						4.1	0.0	103	28.1	7.9	25.2	73.7	5.0	6.1											
					4.1	0.0	106	28.1	7.9	25.3	73.7	5.0	6.1												
					7.1	0.1	211	28.1	7.9	25.8	74.7	5.1	8.4												
					7.1	0.1	227	28.1	7.9	25.7	75.3	5.1	8.5												

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Water Quality Monitoring

Water Quality Monitoring Results on 09 September 21 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM9	Cloudy	Moderate	09:07	7.5	Surface	1.0	0.1	319	28.2	28.2	7.9	7.9	24.6	24.6	76.2	76.2	5.2	5.1	3.5	5	4	822078	808829	
						1.0	0.1	349	28.2	7.9	7.9	24.6	24.6	76.2	76.2	5.2	5.1	3.5	5					
						3.8	0.1	282	28.1	7.9	7.9	25.7	25.7	74.4	74.5	5.0	5.1	9.4	5					
					Middle	3.8	0.1	298	28.1	28.1	7.9	7.9	25.8	25.8	74.5	74.5	5.0	5.1	9.3	4				
						6.5	0.2	228	28.1	28.1	7.9	7.9	25.8	25.8	75.7	75.9	5.1	5.1	13.3	3				
						6.5	0.2	234	28.1	28.1	7.9	7.9	25.8	25.8	76.0	76.0	5.1	5.1	13.7	3				
					Bottom	1.0	0.2	41	28.1	28.1	7.9	7.9	26.5	26.5	77.7	77.7	5.2	5.2	9.3	15				
						1.0	0.2	41	28.1	28.1	7.9	7.9	26.5	26.5	77.7	77.7	5.2	5.2	9.2	14				
						3.6	0.3	352	28.0	28.0	7.9	7.9	26.6	26.6	76.6	76.6	5.2	5.2	15.5	14				
Middle	3.6	0.4	324	28.0	28.0	7.9	7.9	26.6	26.6	76.6	76.6	5.2	5.2	15.4	15									
	6.2	0.4	316	28.0	28.0	7.9	7.9	26.6	26.6	77.6	77.6	5.2	5.3	18.9	11									
	6.2	0.4	327	28.0	28.0	7.9	7.9	26.6	26.6	78.0	78.0	5.3	5.3	18.9	10									
Bottom	1.0	0.2	345	27.9	27.9	7.9	7.9	26.8	26.8	73.0	73.0	4.9	4.9	12.2	19									
	1.0	0.2	357	27.9	27.9	7.9	7.9	26.8	26.8	72.9	72.9	4.9	4.9	12.3	18									
	4.5	0.4	310	27.8	27.8	7.9	7.9	26.8	26.8	72.4	72.4	4.9	4.9	16.3	20									
Middle	4.5	0.5	340	27.8	27.8	7.9	7.9	26.8	26.8	72.4	72.4	4.9	4.9	16.2	21									
	7.9	0.3	312	27.8	27.8	7.9	7.9	26.8	26.8	72.3	72.3	4.9	4.9	17.8	25									
	7.9	0.3	335	27.8	27.8	7.9	7.9	26.8	26.8	72.3	72.3	4.9	4.9	17.9	25									
Bottom	1.0	0.3	315	27.9	27.9	7.9	7.9	26.9	26.9	72.8	72.8	4.9	4.9	17.4	21									
	1.0	0.3	329	27.9	27.9	7.9	7.9	26.9	26.9	72.8	72.8	4.9	4.9	17.2	20									
	4.4	0.5	292	27.8	27.8	7.9	7.9	26.9	26.9	71.8	71.8	4.9	4.9	17.7	19									
Middle	4.4	0.5	293	27.8	27.8	7.9	7.9	26.9	26.9	71.8	71.8	4.9	4.9	18.0	19									
	7.8	0.2	276	27.8	27.8	7.9	7.9	26.9	26.9	72.0	72.0	4.9	4.9	18.6	19									
	7.8	0.3	299	27.8	27.8	7.9	7.9	26.9	26.9	72.0	72.0	4.9	4.9	18.5	20									
Bottom	1.0	-	-	28.0	28.0	7.9	7.9	26.4	26.4	75.8	75.8	5.1	5.1	3.8	3									
	1.0	-	-	28.0	28.0	7.9	7.9	26.4	26.4	75.7	75.7	5.1	5.1	3.9	3									
	2.2	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-									
Middle	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	3.3	-	-	28.0	28.0	7.9	7.9	26.5	26.5	75.2	75.3	5.1	5.1	4.5	2									
	3.3	-	-	28.0	28.0	7.9	7.9	26.5	26.5	75.3	75.3	5.1	5.1	4.6	3									
Bottom	1.0	0.0	109	27.8	27.8	7.9	7.9	26.9	26.9	72.3	72.3	4.9	4.9	10.4	11									
	1.0	0.0	118	27.8	27.8	7.9	7.9	26.9	26.9	72.3	72.3	4.9	4.9	10.4	10									
	-	-	-	-	-	-	-	-	-	-	-	-	-	12.0	-									
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	2.2	0.0	346	27.8	27.8	7.9	7.9	26.8	26.8	72.0	72.0	4.9	4.9	13.5	18									
	2.2	0.0	318	27.8	27.8	7.9	7.9	26.8	26.8	72.0	72.0	4.9	4.9	13.8	18									
Bottom	1.0	0.1	284	28.1	28.2	7.9	7.9	24.8	24.8	74.4	74.5	5.1	5.1	3.7	5									
	1.0	0.2	292	28.2	28.2	7.9	7.9	24.8	24.8	74.5	74.5	5.1	5.1	3.7	4									
	4.6	0.1	255	28.1	28.1	7.9	7.9	25.0	25.0	73.0	73.0	5.0	5.1	5.3	3									
Middle	4.6	0.1	273	28.1	28.1	7.9	7.9	25.0	25.0	73.0	73.0	5.0	5.1	5.2	3									
	8.2	0.2	210	28.1	28.1	7.9	7.9	25.1	25.1	73.2	73.4	5.0	5.0	9.7	3									
	8.2	0.2	213	28.1	28.1	7.9	7.9	25.1	25.1	73.5	73.5	5.0	5.0	10.2	3									
Bottom	1.0	0.2	50	27.6	27.6	7.9	7.9	27.2	27.2	71.0	71.0	4.8	4.8	3.3	5									
	1.0	0.3	52	27.6	27.6	7.9	7.9	27.3	27.3	70.9	71.0	4.8	4.8	3.3	4									
	4.3	0.0	257	27.5	27.5	7.9	7.9	27.3	27.3	70.4	70.4	4.8	4.8	3.3	6									
Middle	4.3	0.0	272	27.5	27.5	7.9	7.9	27.3	27.3	70.3	70.4	4.8	4.8	3.3	5									
	7.5	0.0	343	27.2	27.2	7.9	7.9	27.9	27.8	66.7	66.7	4.5	4.5	7.3	5									
	7.5	0.0	354	27.2	27.2	7.9	7.9	27.8	27.8	66.7	66.7	4.5	4.5	6.8	6									
Bottom	1.0	0.0	334	27.6	27.6	7.9	7.9	27.3	27.3	72.1	72.0	4.9	4.9	3.5	5									
	1.0	0.0	346	27.6	27.6	7.9	7.9	27.4	27.3	71.9	71.9	4.9	4.9	3.5	6									
	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-									
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.3	0.0	354	27.4	27.4	7.9	7.9	27.6	27.6	71.1	71.1	4.8	4.8	3.4	5									
	3.3	0.0	326	27.4	27.4	7.9	7.9	27.6	27.6	71.1	71.1	4.8	4.8	3.5	6									
Bottom	1.0	0.0	100	27.6	27.6	7.9	7.9	27.3	27.3	71.9	71.9	4.9	4.9	3.5	5									
	1.0	0.0	107	27.5	27.6	7.9	7.9	27.3	27.3	71.8	71.9	4.9	4.9	3.4	4									
	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-									
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.1	0.0	178	27.4	27.4	7.9	7.9	27.6	27.6	70.9	71.0	4.8	4.8	3.5	5									
	3.1	0.0	188	27.4	27.4	7.9	7.9	27.6	27.6	71.0	71.0	4.8	4.8	3.4	4									
Bottom	1.0	0.1	224	27.6	27.6	7.9	7.9	27.3	27.3	72.2	72.2	4.9	4.9	3.2	7									
	1.0	0.1	227	27.6	27.6	7.9	7.9	27.3	27.3	72.2	72.2	4.9	4.9	3.2	6									
	8.1	0.1	233	27.3	27.3	7.9	7.9	27.8	27.8	69.4	69.4	4.7	4.7	3.7	5									
Middle	8.1	0.1	237	27.3	27.3	7.9	7.9	27.8	27.8	69.3	69.3	4.7	4.7	3.8	5									
	15.2	0.1	269	27.3	27.3	7.9	7.9	27.8	27.8	69.0	69.1	4.7	4.7	3.7	5									
	15.2	0.1	285	27.3	27.3	7.9	7.9	27.8	27.8	69.1	69.1	4.7	4.7	3.7	5									
Bottom	1.0	-	-	28.0	28.0	7.9	7.9	26.4	26.5	75.9	76.0	5.1	5.1	13.6	5									
	1.0	-	-	28.0	28.0	7.9	7.9	26.5	26.5	76.0	76.0	5.1	5.1	13.3	15									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.8	-	-	27.9	27.9	7.9	7.9	26.7	26.7	76.3	76.3	5.2	5.2	19.8	14									
	3.8	-	-	27.9	27.9	7.9	7.9	26.7	26.7	76.3	76.3	5.2	5.2	19.8	15									

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 11 September 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	Rough	15:17	7.8	Surface	1.0	0.2	195	28.9	28.9	8.0	8.0	30.0	30.0	83.1	83.1	5.4	5.4	6.9	9.5	5	4	815601	804230
						1.0	0.2	211	28.9	8.0	8.0	30.0	30.0	83.1	80.9	5.4	5.3	6.9	4					
						3.9	0.2	194	28.8	8.0	8.0	30.0	30.0	80.8	80.8	5.3	5.3	8.9	4					
					Middle	3.9	0.2	209	28.8	8.0	8.0	30.0	30.0	80.9	80.9	5.3	5.3	9.0	5					
						6.8	0.1	194	28.7	8.0	8.0	30.3	30.3	80.7	80.8	5.3	5.3	12.5	4					
						6.8	0.2	196	28.7	8.0	8.0	30.3	30.3	80.8	80.8	5.3	5.3	12.6	4					
C2	Misty	Moderate	14:09	11.2	Surface	1.0	0.3	148	28.8	28.8	7.9	7.9	26.1	26.2	76.2	76.2	5.1	5.1	6.9	7.9	3	4	825703	806943
						1.0	0.4	157	28.7	7.9	7.9	26.2	27.3	76.2	70.7	5.1	4.9	6.8	4					
						5.6	0.4	144	28.3	7.9	7.9	27.3	27.3	70.6	70.7	4.7	4.7	8.0	4					
					Middle	5.6	0.4	149	28.3	7.9	7.9	27.4	27.4	70.8	70.7	4.7	4.7	8.0	3					
						10.2	0.3	151	28.3	7.9	7.9	27.3	27.2	71.6	71.8	4.8	4.8	8.7	4					
						10.2	0.3	165	28.3	7.9	7.9	27.2	27.2	72.0	71.8	4.8	4.8	8.8	3					
C3	Misty	Moderate	15:54	12.2	Surface	1.0	0.5	63	27.8	27.8	7.9	7.9	27.8	27.8	70.4	69.6	4.7	4.5	4.3	5.0	4	5	822126	817805
						1.0	0.5	65	27.7	7.9	7.9	27.9	28.0	68.8	65.5	4.6	4.4	4.2	4					
						6.1	0.3	65	27.6	7.9	7.9	28.0	28.0	65.4	65.5	4.4	4.4	5.1	6					
					Middle	6.1	0.3	68	27.6	7.9	7.9	28.0	28.0	65.5	65.5	4.4	4.4	5.1	5					
						11.2	0.2	82	27.6	7.9	7.9	28.0	28.0	71.8	72.3	4.8	4.9	5.5	6					
						11.2	0.2	89	27.6	7.9	7.9	28.0	28.0	72.7	72.3	4.9	4.9	5.6	5					
IM1	Sunny	Moderate	14:55	3.4	Surface	1.0	0.1	148	29.9	29.9	7.9	7.9	29.1	29.2	92.0	92.0	5.9	5.9	6.7	9.1	5	5	817958	807110
						1.0	0.1	151	29.9	7.9	7.9	29.2	29.2	92.0	92.0	5.9	5.9	6.7	6					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						2.4	0.1	136	29.2	7.9	7.9	29.3	29.3	83.5	83.6	5.4	5.5	11.3	4					
						2.4	0.1	138	29.2	7.9	7.9	29.3	29.3	83.6	83.6	5.5	5.5	11.5	4					
IM2	Sunny	Moderate	14:47	7.0	Surface	1.0	0.1	141	29.4	29.5	7.9	7.9	29.3	29.3	84.4	84.4	5.5	5.5	6.9	9.2	4	4	818151	806175
						1.0	0.2	146	29.5	7.9	7.9	29.3	29.3	84.3	84.4	5.5	5.5	6.9	5					
						3.5	0.1	119	29.1	7.9	7.9	29.6	29.6	82.1	82.1	5.4	5.4	7.7	3					
					Middle	3.5	0.1	128	29.1	7.9	7.9	29.6	29.6	82.1	82.1	5.4	5.4	7.7	3					
						6.0	0.2	66	28.8	7.9	7.9	30.1	30.1	81.7	81.8	5.3	5.4	13.0	3					
						6.0	0.2	67	28.8	7.9	7.9	30.1	30.1	81.8	81.8	5.4	5.4	13.0	3					
IM3	Sunny	Rough	14:41	7.2	Surface	1.0	0.0	227	29.8	29.8	7.9	7.9	29.4	29.4	86.4	86.5	5.6	5.6	6.3	8.4	5	4	818776	805570
						1.0	0.0	230	29.7	7.9	7.9	29.4	29.4	86.5	86.5	5.6	5.6	6.3	4					
						3.6	0.1	107	29.1	7.9	7.9	29.7	29.7	83.4	83.4	5.4	5.4	6.4	4					
					Middle	3.6	0.1	116	29.1	7.9	7.9	29.8	29.7	83.4	83.4	5.4	5.4	6.4	3					
						6.2	0.1	48	28.9	7.9	7.9	30.0	30.0	82.1	82.2	5.4	5.4	12.4	4					
						6.2	0.1	51	28.9	7.9	7.9	30.0	30.0	82.2	82.2	5.4	5.4	12.4	3					
IM4	Sunny	Rough	14:33	8.6	Surface	1.0	0.2	156	29.9	29.9	7.9	7.9	28.6	28.6	87.1	87.1	5.6	5.5	5.6	8.9	5	5	819723	804604
						1.0	0.2	158	29.9	7.9	7.9	28.6	28.6	87.1	81.6	5.6	5.3	5.7	4					
						4.3	0.1	174	29.1	7.9	7.9	29.4	29.5	81.6	81.6	5.3	5.3	8.3	5					
					Middle	4.3	0.1	176	29.1	7.9	7.9	29.5	29.5	81.6	81.6	5.3	5.3	8.2	6					
						7.6	0.1	89	28.8	7.9	7.9	30.0	30.0	80.0	80.0	5.2	5.2	12.7	6					
						7.6	0.1	95	28.8	7.9	7.9	30.0	30.0	80.0	80.0	5.2	5.2	12.7	5					
IM5	Sunny	Rough	14:27	8.8	Surface	1.0	0.3	205	29.5	29.5	7.9	7.9	27.7	27.7	87.3	87.3	5.7	5.5	4.8	7.4	4	4	820757	804860
						1.0	0.3	205	29.5	7.9	7.9	27.7	27.7	87.2	87.3	5.7	5.5	4.8	4					
						4.4	0.2	204	29.1	7.9	7.9	29.3	29.2	80.9	80.9	5.3	5.3	7.5	3					
					Middle	4.4	0.2	223	29.1	7.9	7.9	29.2	29.2	80.9	80.9	5.3	5.3	7.5	4					
						7.8	0.1	127	29.0	7.9	7.9	29.8	29.8	79.1	79.2	5.2	5.2	10.0	4					
						7.8	0.1	135	29.0	7.9	7.9	29.8	29.8	79.2	79.2	5.2	5.2	10.0	3					
IM6	Sunny	Rough	14:19	7.2	Surface	1.0	0.1	220	29.5	29.6	7.9	7.9	28.0	28.0	86.5	86.5	5.7	5.5	5.2	8.4	5	5	821082	805816
						1.0	0.1	227	29.6	7.9	7.9	28.0	29.2	86.5	80.4	5.7	5.3	5.2	5					
						3.6	0.0	241	29.2	7.9	7.9	29.2	29.2	80.4	80.4	5.3	5.3	7.8	4					
					Middle	3.6	0.0	245	29.2	7.9	7.9	29.2	29.2	80.4	80.4	5.3	5.3	7.9	5					
						6.2	0.1	108	29.2	7.9	7.9	29.3	29.3	79.4	79.4	5.2	5.2	12.1	4					
						6.2	0.1	113	29.2	7.9	7.9	29.3	29.3	79.4	79.4	5.2	5.2	12.2	5					
IM7	Sunny	Rough	14:11	7.1	Surface	1.0	0.0	168	29.4	29.4	7.9	7.9	28.6	28.6	83.0	83.0	5.4	5.4	7.3	9.1	5	6	821331	806858
						1.0	0.0	168	29.4	7.9	7.9	28.6	29.0	83.0	81.4	5.4	5.3	7.3	5					
						3.6	0.0	174	29.3	7.9	7.9	29.0	29.0	81.4	81.4	5.3	5.3	7.8	6					
					Middle	3.6	0.0	186	29.3	7.9	7.9	29.0	29.0	81.4	81.4	5.3	5.3	7.7	6					
						6.1	0.1	178	29.2	7.9	7.9	29.4	29.4	79.6	79.6	5.2	5.2	12.4	6					
						6.1	0.1	182	29.2	7.9	7.9	29.4	29.4	79.6	79.6	5.2	5.2	12.4	6					
IM8	Misty	Moderate	14:31	8.2	Surface	1.0	0.3	110	28.9	28.9	7.9	7.9	26.0	26.0	79.4	79.3	5.3	5.2	7.2	8.3	4	3	821822	808149
						1.0	0.3	116	28.9	7.9	7.9	26.1	27.2	79.2	74.8	5.3	5.0	7.1	3					
						4.1	0.3	119	28.7	8.0	8.0	27.2	27.2	74.8	74.8	5.0	5.0	8.1	2					
					Middle	4.1	0.3	122	28.7	8.0	8.0	27.3	27.3	74.8	74.8	5.0	5.0	8.1	3					
						7.2	0.3	84	28.6	8.0	8.0	27.5	27.5	75.5	75.6	5.0	5.0	9.7	3					
						7.2	0.3	87	28.6	8.0	8.0	27.4	27.4	75.7	75.6	5.0	5.0	9.7	2					

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

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

Water Quality Monitoring Results on 11 September 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	Moderate	14:39	7.6	Surface	1.0	0.5	101	28.8	28.8	8.0	8.0	26.7	26.8	78.4	76.4	5.2	5.1	5.9	5	3	822113	808816								
						1.0	0.5	105	28.7	8.0	8.0	26.9	27.3	74.4	74.5	5.0	5.1	6.0	4												
						3.8	0.5	96	28.7	8.0	8.0	27.3	27.3	74.4	74.5	5.0	5.1	7.2	2												
					Middle	3.8	0.6	97	28.7	28.7	8.0	8.0	27.3	27.3	74.5	74.5	5.0	5.1	7.3	3											
						6.6	0.4	81	28.7	28.7	8.0	8.0	27.3	27.3	75.6	76.0	5.0	5.1	8.1	3											
						6.6	0.4	87	28.7	28.7	8.0	8.0	27.3	27.3	76.4	76.0	5.1	5.1	8.1	2											
					IM10	Misty	Moderate	14:44	8.0	Surface	1.0	0.6	109	28.9	28.9	8.0	8.0	25.4	25.4	81.1				81.0	5.4	5.2	6.9	7	9	822398	809788
											1.0	0.6	112	28.8	28.8	8.0	8.0	25.4	25.4	80.9				81.0	5.4	5.2	7.0	8			
											4.0	0.5	112	28.7	28.7	8.0	8.0	27.1	27.1	74.4				74.5	5.0	5.0	7.7	10			
Middle	4.0	0.6	119	28.7						28.7	8.0	8.0	27.2	27.2	74.5	74.5	5.0	5.0	7.6	9											
	7.0	0.5	107	28.7						28.7	8.0	8.0	27.2	27.2	77.2	79.2	5.1	5.3	8.3	9											
	7.0	0.6	109	28.7						28.7	8.0	8.0	27.2	27.2	81.2	79.2	5.4	5.3	8.2	10											
IM11	Misty	Moderate	14:53	7.4						Surface	1.0	0.6	113	28.7	28.7	7.9	7.9	26.4	26.4	79.0	78.5	5.3	5.1	7.4	14	12	822050	811472			
											1.0	0.6	118	28.6	28.6	7.9	7.9	26.5	26.4	78.0	78.5	5.2	5.1	7.4	13						
											3.7	0.5	114	28.5	28.5	7.9	7.9	26.8	26.8	73.3	73.3	4.9	5.1	8.6	13						
					Middle	3.7	0.6	114	28.5	28.5	7.9	7.9	26.8	26.8	73.3	73.3	4.9	5.1	8.6	13											
						6.4	0.3	110	28.5	28.5	7.9	7.9	26.9	26.9	75.0	75.7	5.0	5.1	9.1	10											
						6.4	0.4	119	28.5	28.5	7.9	7.9	26.9	26.9	76.3	75.7	5.1	5.1	9.0	9											
					IM12	Misty	Moderate	14:59	9.2	Surface	1.0	0.6	112	28.9	28.9	7.9	7.9	26.1	26.2	79.8	79.6	5.3	5.2	5.7	11				12	821476	812039
											1.0	0.7	114	28.8	28.8	7.9	7.9	26.3	26.2	79.3	79.6	5.3	5.2	5.8	12						
											4.6	0.5	111	28.6	28.6	7.9	7.9	26.7	26.7	74.7	74.7	5.0	5.0	6.1	11						
Middle	4.6	0.5	111	28.6						28.6	7.9	7.9	26.7	26.7	74.7	74.7	5.0	5.0	6.1	12											
	8.2	0.3	88	28.5						28.5	7.9	7.9	26.8	26.8	79.5	80.2	5.3	5.4	7.0	12											
	8.2	0.3	92	28.5						28.5	7.9	7.9	26.7	26.7	80.9	80.2	5.4	5.4	7.0	13											
SR1A	Misty	Moderate	15:30	4.8						Surface	1.0	-	-	29.6	29.6	7.9	7.9	26.4	26.4	80.0	79.9	5.3	5.3	7.3	6	6	819975	812653			
											1.0	-	-	29.6	29.6	7.9	7.9	26.4	26.4	79.8	79.9	5.3	5.3	7.2	7						
											2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
						3.8	-	-	29.7	29.7	7.9	7.9	26.3	26.3	79.3	79.2	5.2	5.2	8.0	5											
						3.8	-	-	29.7	29.7	7.9	7.9	26.3	26.3	79.1	79.2	5.2	5.2	8.0	4											
					SR2	Misty	Moderate	15:37	4.0	Surface	1.0	0.3	89	28.8	28.8	7.9	7.9	26.3	26.4	79.7	79.6	5.3	5.3	6.6	9				9	821439	814157
											1.0	0.3	94	28.7	28.7	7.9	7.9	26.4	26.4	79.4	79.6	5.3	5.3	6.6	8						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.0	0.3	81	28.6						28.6	7.9	7.9	26.7	26.7	80.3	80.9	5.4	5.4	7.3	9											
	3.0	0.3	85	28.6						28.6	7.9	7.9	26.7	26.7	81.4	80.9	5.4	5.4	7.3	10											
SR3	Misty	Moderate	14:26	9.4						Surface	1.0	0.1	189	28.8	28.8	7.9	7.9	26.1	26.2	75.1	75.1	5.0	5.0	7.4	8	6	822126	807553			
											1.0	0.1	198	28.8	28.8	7.9	7.9	26.3	26.2	75.0	75.1	5.0	5.0	7.4	2						
											4.7	0.3	176	28.8	28.8	7.9	7.9	26.8	26.9	75.5	75.6	5.0	5.0	8.5	2						
					Middle	4.7	0.3	188	28.8	28.8	7.9	7.9	26.9	26.9	75.6	75.6	5.0	5.0	8.6	6											
						8.4	0.2	126	28.8	28.8	8.0	8.0	27.1	27.0	77.5	77.9	5.2	5.2	9.8	8											
						8.4	0.2	137	28.8	28.8	8.0	8.0	27.0	27.0	78.2	77.9	5.2	5.2	9.8	9											
					SR4A	Sunny	Rough	15:31	9.8	Surface	1.0	0.3	69	29.7	29.7	7.9	7.9	29.4	29.4	88.1	88.1	5.7	5.5	6.8	6				5	817191	807802
											1.0	0.3	75	29.7	29.7	7.9	7.9	29.4	29.4	88.1	88.1	5.7	5.5	6.8	6						
											4.9	0.2	101	29.0	29.0	7.9	7.9	29.8	29.8	80.9	80.9	5.3	5.3	8.9	5						
Middle	4.9	0.3	101	29.0						29.0	7.9	7.9	29.8	29.8	80.9	80.9	5.3	5.3	8.9	4											
	8.8	0.1	114	29.0						29.0	7.9	7.9	29.9	29.9	80.3	80.4	5.2	5.2	9.6	5											
	8.8	0.1	121	29.0						29.0	7.9	7.9	29.9	29.9	80.4	80.4	5.2	5.2	9.5	4											
SR5A	Sunny	Calm	15:47	3.9						Surface	1.0	0.0	32	29.5	29.5	7.9	7.9	29.3	29.3	85.9	85.9	5.6	5.6	5.6	4	5	816615	810695			
											1.0	0.0	32	29.5	29.5	7.9	7.9	29.3	29.3	85.9	85.9	5.6	5.6	5.7	4						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
						2.9	0.1	144	29.4	29.4	7.9	7.9	29.6	29.6	83.3	83.3	5.4	5.4	9.2	5											
						2.9	0.1	152	29.4	29.4	7.9	7.9	29.6	29.6	83.3	83.3	5.4	5.4	9.2	5											
					SR6A	Sunny	Calm	16:13	4.1	Surface	1.0	0.0	313	29.9	29.9	7.9	7.9	28.5	28.5	93.1	93.1	6.0	6.0	5.7	4				4	817955	814757
											1.0	0.0	319	29.9	29.9	7.9	7.9	28.5	28.5	93.1	93.1	6.0	6.0	5.7	3						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.1	0.1	309	29.2						29.2	7.9	7.9	28.6	28.6	82.0	81.9	5.4	5.4	8.7	4											
	3.1	0.1	326	29.1						29.1	7.9	7.9	28.6	28.6	81.8	81.9	5.4	5.4	8.9	3											
SR7	Misty	Moderate	16:20	14.0						Surface	1.0	0.5	69	27.7	27.7	7.9	7.9	27.9	27.9	82.4	82.4	5.3	5.3	5.9	5	7	823632	823728			
											1.0	0.5	73	27.7	27.7	7.9	7.9	27.9	27.9	82.3	82.4	5.3	5.3	5.8	4						
											7.0	0.4	43	27.7	27.8	7.9	7.9	27.9	27.9	84.1	84.1	5.3	5.3	6.6	8						
					Middle	7.0	0.4	43	27.8	27.8	7.9	7.9	27.8	27.9	84.0	84.1	5.3	5.3	6.5	7											
						13.0	0.2	14	28.1	28.1	7.9	7.9	27.5	27.5	64.8	65.0	4.3	4.4	7.2	8											
						13.0	0.2	14	28.1	28.1	7.9	7.9	27.5	27.5	65.1	65.0	4.4	4.4	7.2	7											
					SR8	Misty	Moderate	15:07	4.2	Surface	1.0	-	-	29.5	29.5	7.9	7.9	26.4	26.4	68.5	68.8	4.6	4.7	7.1	13				13	820411	811615
											1.0	-	-	29.5	29.5	7.9	7.9	26.4	26.4	69.0	68.8	4.7	4.7	7.1	13						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.2	-	-	29.4						29.4	7.9	7.9	26.4	26.4	54.9	56.2	3.6	3.7	8.5	13											
	3.2	-	-	29.4						29.4	7.9	7.9	26.4	26.4	57.5	56.2	3.6	3.7	8.5	12											

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

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

Water Quality Monitoring Results on 11 September 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	09:54	7.5	Surface	1.0	0.4	59	28.9	28.9	7.9	7.9	29.4	29.4	81.0	81.1	5.3	5.7	7.4	9	8	815605	804248								
						1.0	0.4	59	28.9	28.9	7.9	7.9	29.4	29.4	81.1	81.1	5.3	5.7	7.4	8											
						3.8	0.3	55	28.9	28.9	7.9	7.9	29.4	29.4	80.5	80.5	5.3	7.7	7.4	7											
					Middle	3.8	0.4	57	28.9	28.9	7.9	7.9	29.4	29.4	80.5	80.5	5.3	7.7	7.4	8											
						6.5	0.3	56	28.9	28.9	7.9	7.9	29.4	29.4	82.2	82.3	5.4	8.9	7.4	7											
						6.5	0.3	61	28.9	28.9	7.9	7.9	29.4	29.4	82.3	82.3	5.4	9.0	7.4	8											
					C2	Misty	Moderate	10:45	12.0	Surface	1.0	0.4	27	28.6	28.6	7.9	7.9	24.9	25.0	72.8				72.7	4.9	4.2	5.1	4	4	825704	806945
											1.0	0.4	28	28.6	28.6	7.9	7.9	25.0	25.0	72.5				72.5	4.9	4.3	5.1	4			
											6.0	0.3	44	28.5	28.5	7.9	7.9	25.6	25.6	71.6				71.6	4.8	5.0	5.1	4			
Middle	6.0	0.4	44	28.5						28.5	7.9	7.9	25.6	25.6	71.6	71.6	4.8	5.1	5.1	4											
	11.0	0.2	7	28.5						28.6	7.9	7.9	25.5	25.5	72.0	72.5	4.9	6.1	5.1	4											
	11.0	0.2	7	28.6						28.6	7.9	7.9	25.4	25.4	72.9	72.9	4.9	6.1	5.1	3											
C3	Misty	Moderate	08:55	12.2						Surface	1.0	0.6	261	28.3	28.3	7.9	7.9	27.0	27.0	71.0	71.0	4.8	5.9	6.7	6	5	822127	817790			
											1.0	0.6	277	28.3	28.3	7.9	7.9	27.0	27.0	71.0	71.0	4.8	5.9	6.7	5						
											6.1	0.7	263	27.9	27.9	7.9	7.9	27.5	27.5	66.8	66.8	4.5	6.5	6.7	5						
					Middle	6.1	0.7	272	27.9	27.9	7.9	7.9	27.5	27.5	66.7	66.7	4.5	6.4	6.7	5											
						11.2	0.6	262	27.7	27.7	7.9	7.9	27.7	27.7	69.7	70.1	4.7	7.9	6.7	3											
						11.2	0.6	287	27.7	27.7	7.9	7.9	27.7	27.7	70.4	70.4	4.8	7.9	6.7	4											
					IM1	Sunny	Moderate	10:07	4.4	Surface	1.0	0.1	324	28.9	28.9	8.0	8.0	29.2	29.2	85.7	85.7	5.6	5.6	5.9	7				7	817942	807127
											1.0	0.1	345	28.9	28.9	8.0	8.0	29.2	29.2	85.7	85.7	5.6	5.5	5.9	7						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.4	0.1	325	28.9						28.9	8.0	8.0	29.2	29.2	86.1	86.1	5.6	6.3	5.9	7											
	3.4	0.1	335	28.9						28.9	8.0	8.0	29.2	29.2	86.1	86.1	5.6	6.4	5.9	8											
IM2	Sunny	Moderate	10:19	6.9						Surface	1.0	0.2	355	29.1	29.1	7.9	7.9	29.1	29.1	81.4	81.4	5.3	5.9	5.4	8	8	818172	806186			
											1.0	0.2	327	29.1	29.1	7.9	7.9	29.1	29.1	81.4	81.4	5.3	6.0	5.4	9						
											3.5	0.2	349	28.9	28.9	7.9	7.9	29.2	29.2	80.6	80.6	5.3	4.3	5.4	9						
					Middle	3.5	0.2	321	28.9	28.9	7.9	7.9	29.2	29.2	80.6	80.6	5.3	4.3	5.4	8											
						5.9	0.2	333	28.9	28.9	7.9	7.9	29.2	29.2	81.5	81.6	5.3	6.0	5.4	7											
						5.9	0.2	346	28.9	28.9	7.9	7.9	29.2	29.2	81.6	81.6	5.3	6.0	5.4	6											
					IM3	Sunny	Moderate	10:28	7.3	Surface	1.0	0.5	301	29.3	29.3	7.9	7.9	28.8	28.8	82.6	82.6	5.4	5.0	6.6	9				9	818769	805607
											1.0	0.6	307	29.3	29.3	7.9	7.9	28.8	28.8	82.5	82.5	5.4	5.1	6.6	8						
											3.7	0.5	296	28.9	28.9	7.9	7.9	29.4	29.4	79.4	79.4	5.2	6.2	6.6	9						
Middle	3.7	0.5	320	28.9						28.9	7.9	7.9	29.4	29.4	79.4	79.4	5.2	6.3	6.6	10											
	6.3	0.4	286	28.9						28.9	7.9	7.9	29.4	29.4	79.7	79.7	5.2	8.4	6.6	10											
	6.3	0.4	314	28.9						28.9	7.9	7.9	29.4	29.4	79.7	79.7	5.2	8.5	6.6	9											
IM4	Sunny	Moderate	10:35	7.8						Surface	1.0	0.8	27	29.0	29.0	7.9	7.9	28.9	28.8	81.2	81.2	5.3	5.3	6.8	6	6	819730	804619			
											1.0	0.8	28	29.0	29.0	7.9	7.9	28.8	28.8	81.2	81.2	5.3	5.3	6.8	7						
											3.9	0.7	19	28.9	28.9	7.9	7.9	29.2	29.2	79.3	79.3	5.2	7.0	6.8	6						
					Middle	3.9	0.7	20	28.9	28.9	7.9	7.9	29.2	29.2	79.3	79.3	5.2	7.0	6.8	7											
						6.8	0.4	13	28.9	28.9	7.9	7.9	29.3	29.3	79.6	79.6	5.2	8.1	6.8	6											
						6.8	0.5	14	28.9	28.9	7.9	7.9	29.3	29.3	79.6	79.6	5.2	8.1	6.8	6											
					IM5	Sunny	Moderate	10:40	7.9	Surface	1.0	0.8	18	29.1	29.1	7.9	7.9	28.9	28.9	80.1	80.1	5.3	10.6	10.5	14				12	820736	804877
											1.0	0.9	19	29.1	29.1	7.9	7.9	28.9	28.9	80.1	80.1	5.3	10.6	10.5	14						
											4.0	0.7	20	29.0	29.0	7.9	7.9	28.9	28.9	79.7	79.7	5.2	9.3	10.5	12						
Middle	4.0	0.8	21	29.0						29.0	7.9	7.9	28.9	28.9	79.7	79.7	5.2	9.3	10.5	11											
	6.9	0.6	21	29.0						29.0	7.9	7.9	28.9	28.9	80.4	80.4	5.3	11.7	10.5	10											
	6.9	0.6	21	29.0						29.0	7.9	7.9	28.9	28.9	80.4	80.4	5.3	11.7	10.5	11											
IM6	Sunny	Moderate	10:46	6.7						Surface	1.0	0.8	35	29.2	29.2	7.9	7.9	28.9	28.8	81.3	81.3	5.3	5.1	7.0	13	13	821070	805828			
											1.0	0.8	35	29.2	29.2	7.9	7.9	28.8	28.8	81.2	81.2	5.3	5.1	7.0	13						
											3.4	0.7	37	29.1	29.1	7.9	7.9	29.0	29.0	80.5	80.5	5.3	6.1	7.0	13						
					Middle	3.4	0.8	40	29.1	29.1	7.9	7.9	29.0	29.0	80.5	80.5	5.3	6.1	7.0	13											
						5.7	0.7	40	29.1	29.1	7.9	7.9	29.0	29.0	80.7	80.8	5.3	9.7	7.0	12											
						5.7	0.7	40	29.1	29.1	7.9	7.9	29.0	29.0	80.8	80.8	5.3	9.8	7.0	13											
					IM7	Sunny	Moderate	10:52	7.1	Surface	1.0	0.1	125	29.4	29.4	7.9	7.9	26.8	26.8	83.9	83.9	5.5	5.7	9.3	8				8	821332	806832
											1.0	0.1	130	29.4	29.4	7.9	7.9	26.9	26.9	83.9	83.9	5.5	5.7	9.3	7						
											3.6	0.2	112	29.2	29.2	7.9	7.9	28.1	28.1	82.1	82.1	5.4	7.8	9.3	8						
Middle	3.6	0.2	115	29.2						29.2	7.9	7.9	28.1	28.1	82.1	82.1	5.4	7.7	9.3	9											
	6.1	0.4	104	29.2						29.2	7.9	7.9	28.8	28.8	80.8	80.8	5.3	14.5	9.3	9											
	6.1	0.4	109	29.2						29.2	7.9	7.9	28.8	28.8	80.8	80.8	5.3	14.5	9.3	8											
IM8	Misty	Moderate	10:20	7.8						Surface	1.0	0.2	44	28.8	28.8	7.9	7.9	24.7	24.7	76.9	76.8	5.2	3.4	4.3	5	5	821833	808132			
											1.0	0.2	44	28.8	28.8	7.9	7.9	24.7	24.7	76.7	76.7	5.2	3.4	4.3	6						
											3.9	0.2	62	28.7	28.7	7.9	7.9	25.1	25.1	76.7	76.8	5.2	4.2	4.3	5						
					Middle	3.9	0.2	67	28.7	28.7	7.9	7.9	25.1	25.1	76.9	76.8	5.2	4.2	4.3	6											
						6.8	0.2	84	28.6	28.6	7.9	7.9	25.2	25.2	77.9	78.1	5.3	5.4	4.3	5											
						6.8	0.2	92	28.6	28.6	7.9	7.9	25.2	25.2	78.3	78.3	5.3	5.4	4.3	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 14 September 21 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)							
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA											
C1	Fine	Calm	06:39	8.6	Surface	1.0	0.4	204	29.0	29.0	8.0	8.0	26.0	26.1	75.6	75.5	5.0	5.0	6.6	7	7	815642	804264								
						1.0	0.5	220	28.9	8.0	8.0	26.3	26.8	75.3	75.2	5.0	5.0	6.5	7												
						4.3	0.4	212	28.8	8.0	8.0	26.8	26.8	75.2	75.2	5.0	5.0	8.3	8												
					Middle	4.3	0.4	229	28.7	28.8	8.0	8.0	26.9	26.8	75.2	75.2	5.0	5.0	8.3	7											
						7.6	0.4	226	28.3	28.3	7.9	7.9	27.6	27.6	77.4	78.3	5.2	5.3	9.1	7											
						7.6	0.4	228	28.2	28.3	7.9	7.9	27.5	27.6	79.1	78.3	5.3	5.3	9.0	6											
					C2	Cloudy	Moderate	07:33	8.0	Surface	1.0	0.8	153	30.0	30.0	8.0	8.0	23.6	23.6	87.9				88.0	5.8	5.8	4.6	5	5	825675	806930
											1.0	0.8	161	29.9	8.0	8.0	23.5	23.6	88.0	88.0				5.9	5.9	4.6	5				
											4.0	0.6	154	29.4	29.4	8.0	8.0	27.2	27.3	75.1				75.1	4.9	4.9	6.9	5			
Middle	4.0	0.6	166	29.4						29.4	8.0	8.0	27.3	27.3	75.0	75.0	4.9	4.9	7.0	4											
	7.0	0.2	167	29.4						29.4	8.0	8.0	27.4	27.4	75.3	75.4	5.0	5.0	8.4	5											
	7.0	0.2	173	29.4						29.4	8.0	8.0	27.4	27.4	75.5	75.4	5.0	5.0	8.4	4											
C3	Cloudy	Moderate	05:15	10.4						Surface	1.0	0.1	105	29.1	29.1	8.0	8.0	28.4	28.4	75.1	75.1	4.9	4.9	5.3	6	5	822125	817818			
											1.0	0.1	115	29.1	29.1	8.0	8.0	28.4	28.4	75.1	75.1	4.9	4.9	5.3	5						
											5.2	0.1	107	28.8	28.8	8.0	8.0	29.1	29.1	74.7	74.6	4.9	4.9	6.7	5						
					Middle	5.2	0.1	117	28.7	28.8	8.0	8.0	29.2	29.1	74.5	74.6	4.9	4.9	6.6	6											
						9.4	0.2	19	28.8	28.8	8.0	8.0	29.2	29.1	70.9	71.2	4.7	4.7	8.0	4											
						9.4	0.2	20	28.8	28.8	8.0	8.0	29.1	29.1	71.5	71.2	4.7	4.7	8.0	5											
					IM1	Fine	Calm	07:01	4.2	Surface	1.0	0.0	4	28.8	28.8	8.0	7.9	27.1	27.1	74.3	74.7	4.9	5.0	4.1	3				4	817964	807120
											1.0	0.0	4	28.7	28.8	7.9	7.9	27.1	27.1	75.0	74.7	5.0	5.0	4.2	3						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.2	0.1	265	28.7						28.7	7.9	7.9	27.3	27.2	80.0	79.8	5.3	5.3	5.3	5											
	3.2	0.1	286	28.6						28.6	7.9	7.9	27.2	27.2	79.5	79.8	5.3	5.3	5.2	4											
IM2	Fine	Calm	07:10	6.2						Surface	1.0	0.0	70	29.0	29.0	8.0	8.0	26.6	26.6	77.4	77.2	5.1	5.1	1.2	4	4	818171	806169			
											1.0	0.0	71	28.9	29.0	8.0	8.0	26.7	26.7	77.0	77.2	5.1	5.1	1.2	4						
											3.1	0.0	55	28.8	28.8	8.0	8.0	26.9	27.0	75.7	75.2	5.0	5.0	2.3	4						
					Middle	3.1	0.0	55	28.7	28.8	8.0	8.0	27.1	27.0	74.7	75.2	5.0	5.0	2.2	4											
						5.2	0.1	309	28.6	28.7	8.0	8.0	27.5	27.4	76.6	77.9	5.1	5.2	3.3	5											
						5.2	0.1	309	28.7	28.7	8.0	8.0	27.2	27.4	79.1	77.9	5.3	5.2	3.3	5											
					IM3	Fine	Calm	07:17	6.0	Surface	1.0	0.1	184	29.0	29.0	8.0	8.0	26.5	26.6	78.3	78.2	5.2	5.2	4.2	3				4	818774	805590
											1.0	0.1	193	28.9	29.0	8.0	8.0	26.7	26.7	78.0	78.2	5.2	5.2	4.1	3						
											3.0	0.1	207	28.8	28.8	8.0	8.0	27.1	27.1	71.0	70.9	4.7	5.0	5.1	4						
Middle	3.0	0.1	217	28.8						28.8	8.0	8.0	27.2	27.1	70.8	70.9	4.7	5.0	5.1	4											
	5.0	0.1	313	28.8						28.8	8.0	8.0	27.2	27.2	70.9	71.4	4.7	4.8	6.0	4											
	5.0	0.1	327	28.8						28.8	8.0	8.0	27.2	27.2	71.9	71.4	4.8	4.8	6.1	4											
IM4	Fine	Calm	07:26	8.0						Surface	1.0	0.8	208	29.4	29.4	7.9	7.9	24.2	24.2	80.9	81.0	5.4	5.4	7.6	18	18	819731	804612			
											1.0	0.8	216	29.4	29.4	7.9	7.9	24.3	24.3	81.0	81.0	5.4	5.5	7.7	17						
											4.0	0.8	206	29.3	29.3	7.9	7.9	24.3	24.4	81.9	82.0	5.5	5.5	8.8	17						
					Middle	4.0	0.8	219	29.2	29.3	7.9	7.9	24.4	24.4	82.1	82.0	5.5	5.5	8.7	18											
						7.0	0.7	198	29.0	29.0	7.9	7.9	24.5	24.5	82.9	83.2	5.6	5.6	9.1	18											
						7.0	0.7	198	28.9	29.0	7.9	7.9	24.5	24.5	83.5	83.2	5.6	5.6	9.1	18											
					IM5	Fine	Calm	07:36	7.0	Surface	1.0	0.8	230	29.3	29.3	7.9	7.9	24.8	24.8	76.9	77.0	5.1	5.2	7.4	16				16	820740	804850
											1.0	0.9	238	29.3	29.3	7.9	7.9	24.8	24.8	77.1	77.0	5.2	5.2	7.4	16						
											3.5	0.7	224	29.3	29.3	7.9	7.9	24.9	24.9	77.5	77.6	5.2	5.2	8.1	17						
Middle	3.5	0.8	242	29.2						29.3	7.9	7.9	24.9	24.9	77.7	77.6	5.2	5.2	8.1	16											
	6.0	0.6	226	29.0						29.0	7.9	7.9	25.1	25.1	78.7	79.0	5.3	5.3	9.0	15											
	6.0	0.7	239	28.9						29.0	7.9	7.9	25.1	25.1	79.3	79.0	5.3	5.3	9.1	16											
IM6	Fine	Calm	07:45	6.6						Surface	1.0	0.8	248	29.4	29.4	7.9	7.9	23.9	23.9	79.7	79.8	5.3	5.3	7.7	12	14	821051	805846			
											1.0	0.8	254	29.4	29.4	7.9	7.9	23.9	23.9	79.8	79.8	5.3	5.4	7.6	13						
											3.3	0.8	247	29.4	29.4	7.9	7.9	23.9	23.9	80.2	80.3	5.4	5.4	8.8	14						
					Middle	3.3	0.8	252	29.3	29.4	7.9	7.9	23.9	23.9	80.3	80.3	5.4	5.4	8.8	15											
						5.6	0.7	248	29.1	29.1	7.9	7.9	24.0	24.0	81.0	81.3	5.5	5.5	9.2	16											
						5.6	0.7	263	29.1	29.1	7.9	7.9	24.0	24.0	81.5	81.3	5.5	5.5	9.2	15											
					IM7	Fine	Calm	07:55	7.2	Surface	1.0	0.8	237	29.5	29.5	7.9	7.9	23.3	23.3	81.5	81.7	5.5	5.5	5.1	8				7	821357	806847
											1.0	0.8	256	29.5	29.5	7.9	7.9	23.3	23.3	81.8	81.7	5.5	5.5	5.0	8						
											3.6	0.7	241	29.4	29.4	7.9	7.9	23.4	23.4	82.3	82.4	5.5	5.5	6.2	6						
Middle	3.6	0.8	259	29.3						29.4	7.9	7.9	23.4	23.4	82.5	82.4	5.5	5.5	6.1	7											
	6.2	0.6	251	29.2						29.2	7.9	7.9	23.6	23.6	83.5	83.9	5.6	5.7	7.6	7											
	6.2	0.7	258	29.1						29.2	7.9	7.9	23.6	23.6	84.2	83.9	5.7	5.7	7.7	6											
IM8	Cloudy	Moderate	07:07	6.6						Surface	1.0	0.3	245	30.0	30.0	8.0	8.0	25.1	25.2	89.1	89.1	5.9	5.9	5.2	4	5	821828	808137			
											1.0	0.4	248	30.0	30.0	8.0	8.0	25.2	25.2	89.1	89.1	5.9	5.9	5.2	4						
											3.3	0.3	256	30.0	30.0	8.0	8.0	25.5	25.5	90.3	90.4	5.9	5.9	5.6	5						
					Middle	3.3	0.3	265	30.0	30.0	8.0	8.0	25.5	25.5	90.4	90.4	5.9	5.9	5.7	5											
						5.6	0.3	283	29.9	29.9	8.0	8.0	25.6	25.6	91.8	92.0	6.0	6.1	6.3	6											
						5.6	0.3	293	29.9	29.9	8.0	8.0	25.6	25.6	92.2	92.0	6.1	6.1	6.3	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

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Water Quality Monitoring

Water Quality Monitoring Results on 14 September 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	Moderate	06:59	6.3	Surface	1.0	0.2	171	30.0	30.0	8.0	8.0	25.6	25.6	87.5	87.5	5.7	5.6	5	4	5	822090	808791	
						1.0	0.2	175	30.0	8.0	8.0	25.6	25.6	87.5	87.5	5.8	5.6	5	4					
						3.1	0.1	171	30.0	8.0	8.0	25.7	25.7	89.1	89.1	5.9	5.9	4	4					
					Middle	3.1	0.1	187	30.0	30.0	8.0	8.0	25.8	25.8	89.3	89.3	5.9	5.9	5	4				
						5.3	0.1	174	30.0	30.0	8.0	8.0	25.8	25.8	92.3	92.3	6.1	5.9	5	4				
						5.3	0.1	185	30.0	30.0	8.0	8.0	25.8	25.8	93.0	92.7	6.1	6.0	4	4				
					Bottom	1.0	0.5	115	30.1	30.1	8.0	8.0	25.5	25.6	86.5	86.4	5.7	5.3	3	3				
						1.0	0.5	126	30.0	30.0	8.0	8.0	25.6	25.6	86.3	86.4	5.7	5.2	3	3				
						3.3	0.4	102	30.0	30.0	8.0	8.0	26.2	26.3	85.6	85.6	5.6	7.7	4	3				
Middle	3.3	0.4	102	30.0	30.0	8.0	8.0	26.2	26.3	85.6	85.6	5.6	7.8	3	4									
	5.5	0.3	75	29.9	29.9	8.0	8.0	26.3	26.3	88.5	88.6	5.8	8.5	4	4									
	5.5	0.3	76	29.9	29.9	8.0	8.0	26.3	26.3	88.7	88.6	5.8	8.5	3	3									
Bottom	1.0	0.5	144	30.0	30.0	8.0	8.0	26.2	26.2	86.1	84.9	5.6	8.1	6	5									
	1.0	0.5	145	30.0	30.0	8.0	8.0	26.3	26.2	83.6	84.9	5.5	8.2	5	5									
	3.9	0.5	135	29.9	29.9	8.0	8.0	26.4	26.4	83.7	83.7	5.5	9.2	5	5									
Middle	3.9	0.5	146	29.9	29.9	8.0	8.0	26.4	26.4	83.7	83.7	5.5	9.2	4	4									
	6.7	0.3	123	29.9	29.9	8.0	8.0	26.4	26.4	85.3	85.4	5.6	9.6	4	4									
	6.7	0.3	132	29.9	29.9	8.0	8.0	26.4	26.4	85.5	85.4	5.6	9.7	5	5									
Bottom	1.0	0.4	126	29.9	29.9	8.0	8.0	26.4	26.4	82.8	82.8	5.4	7.3	5	6									
	1.0	0.4	135	29.9	29.9	8.0	8.0	26.4	26.4	82.7	82.8	5.4	7.4	6	6									
	4.5	0.4	120	29.8	29.8	8.0	8.0	26.6	26.6	81.5	81.5	5.3	10.9	6	6									
Middle	4.5	0.4	129	29.8	29.8	8.0	8.0	26.6	26.6	81.4	81.5	5.3	11.0	7	7									
	8.0	0.3	113	29.8	29.8	8.0	8.0	26.7	26.7	81.8	81.9	5.4	13.7	7	7									
	8.0	0.3	116	29.8	29.8	8.0	8.0	26.7	26.7	82.0	81.9	5.4	13.8	6	6									
Bottom	1.0	-	-	29.8	29.8	8.0	8.0	26.2	26.2	85.4	85.3	5.6	5.3	2	2									
	1.0	-	-	29.8	29.8	8.0	8.0	26.3	26.2	85.2	85.3	5.6	5.3	2	2									
	2.5	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-									
Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	4.0	-	-	29.8	29.8	8.0	8.0	26.7	26.7	84.9	85.0	5.6	5.0	4	4									
	4.0	-	-	29.8	29.8	8.0	8.0	26.7	26.7	85.0	85.0	5.6	5.0	4	4									
Bottom	1.0	0.3	117	29.8	29.8	8.0	8.0	26.9	26.9	83.1	83.2	5.4	8.5	4	4									
	1.0	0.4	128	29.8	29.8	8.0	8.0	26.9	26.9	83.2	83.2	5.4	8.4	4	4									
	-	-	-	-	-	-	-	-	-	-	-	-	-	9.5	-									
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	4.0	0.3	117	29.7	29.7	8.0	8.0	27.1	27.1	83.0	83.1	5.4	10.6	3	3									
	4.0	0.3	126	29.7	29.7	8.0	8.0	27.1	27.1	83.1	83.1	5.4	10.6	4	4									
Bottom	1.0	0.6	212	29.9	29.9	8.0	8.0	25.6	25.6	84.6	84.6	5.6	6.2	5	4									
	1.0	0.7	227	29.9	29.9	8.0	8.0	25.7	25.7	84.5	84.6	5.6	6.3	4	4									
	4.1	0.5	222	29.9	29.9	8.0	8.0	26.4	26.4	85.6	85.7	5.6	9.2	4	4									
Middle	4.1	0.6	234	29.9	29.9	8.0	8.0	26.5	26.4	85.8	85.7	5.6	9.3	3	3									
	7.2	0.4	255	29.9	29.9	8.1	8.1	26.6	26.6	88.1	88.4	5.8	10.6	3	3									
	7.2	0.4	257	29.9	29.9	8.1	8.1	26.6	26.6	88.6	88.4	5.8	10.5	4	4									
Bottom	1.0	0.5	239	28.9	28.9	7.9	7.9	26.7	26.7	68.0	67.8	4.5	4.7	7	7									
	1.0	0.5	255	28.9	28.9	7.9	7.9	26.7	26.7	67.6	67.8	4.5	4.6	7	7									
	4.3	0.5	244	28.8	28.8	7.9	7.9	26.9	26.9	66.9	66.9	4.5	5.1	7	7									
Middle	4.3	0.5	259	28.8	28.8	7.9	7.9	26.9	26.9	66.8	66.9	4.4	5.1	7	7									
	7.6	0.4	246	28.8	28.8	7.9	7.9	26.9	26.9	66.9	67.0	4.5	6.8	5	5									
	7.6	0.4	264	28.8	28.8	7.9	7.9	26.9	26.9	67.0	67.0	4.5	6.8	6	6									
Bottom	1.0	0.2	300	29.5	29.5	7.8	7.8	25.9	25.9	76.0	76.1	5.0	7.2	3	3									
	1.0	0.2	304	29.5	29.5	7.8	7.8	25.9	25.9	76.1	76.1	5.0	7.1	2	2									
	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	-									
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	2.2	0.1	307	29.5	29.5	7.8	7.8	25.9	25.9	76.7	76.9	5.1	8.1	5	5									
	2.2	0.1	334	29.5	29.5	7.8	7.8	25.9	25.9	77.0	76.9	5.1	8.0	4	4									
Bottom	1.0	0.0	104	29.5	29.5	7.8	7.8	25.8	25.7	79.3	79.4	5.2	3.8	5	6									
	1.0	0.0	108	29.5	29.5	7.8	7.8	25.7	25.7	79.5	79.4	5.3	3.8	6	6									
	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-									
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	4.0	0.0	273	29.5	29.5	7.8	7.8	25.7	25.7	80.1	80.4	5.3	4.3	6	6									
	4.0	0.0	292	29.5	29.5	7.8	7.8	25.7	25.7	80.7	80.4	5.3	4.4	6	6									
Bottom	1.0	0.1	111	29.4	29.4	7.8	7.8	28.1	28.1	81.0	81.0	5.3	3.9	5	5									
	1.0	0.1	123	29.4	29.4	7.8	7.8	28.1	28.1	80.9	81.0	5.3	3.9	5	5									
	7.0	0.2	98	29.3	29.3	7.8	7.8	28.3	28.3	80.2	80.2	5.3	4.1	5	5									
Middle	7.0	0.2	99	29.3	29.3	7.8	7.8	28.3	28.3	80.1	80.2	5.3	4.1	4	4									
	13.1	0.3	104	29.3	29.3	7.8	7.8	28.3	28.3	80.1	80.1	5.2	4.6	5	5									
	13.1	0.3	110	29.3	29.3	7.8	7.8	28.3	28.3	80.1	80.1	5.2	4.6	4	4									
Bottom	1.0	-	-	30.5	30.5	8.0	8.0	26.4	26.4	88.7	88.6	5.8	7.8	5	4									
	1.0	-	-	30.5	30.5	8.0	8.0	26.4	26.4	88.5	88.6	5.7	7.8	4	4									
	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	-									
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	4.0	-	-	30.2	30.2	8.0	8.0	26.3	26.3	85.2	87.0	5.6	8.8	4	4									
	4.0	-	-	30.2	30.2	8.0	8.0	26.3	26.3	88.7	87.0	5.6	8.7	5	5									

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 14 September 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	DA	Value	DA	Value	DA				
C1	Rainy	Calm	17:52	7.6	Surface	1.0	0.3	33	28.7	28.7	8.0	8.0	26.7	26.8	76.1	75.6	5.1	4.9	5.9	6.9	8	8	815616	804258
						1.0	0.3	33	28.7	8.0	8.0	26.9	27.4	75.1	75.6	5.0	4.9	5.9	6.9					
						3.8	0.3	36	28.7	8.0	8.0	27.4	27.4	70.6	70.6	4.7	4.7	6.7	6.7					
					3.8	0.3	37	28.7	8.0	8.0	27.4	27.4	70.5	70.5	4.7	4.7	6.7	6.7						
					6.6	0.3	34	28.9	29.0	8.0	8.0	27.4	27.4	71.0	71.5	4.7	4.8	8.0	7.9					
					6.6	0.3	34	29.0	29.0	8.0	8.0	27.4	27.4	72.0	72.0	4.8	4.8	7.9	7.9					
C2	Fine	Moderate	17:07	7.9	Surface	1.0	0.3	65	30.2	30.2	8.0	8.0	23.0	23.0	88.2	88.2	5.9	5.6	4.9	5.0	3	4	825701	806951
						1.0	0.4	60	30.2	8.0	8.0	23.0	23.0	88.2	88.2	5.9	5.6	4.9	5.0					
						4.0	0.3	61	29.7	29.7	8.0	8.0	26.1	26.2	81.2	81.2	5.3	5.3	5.0	4.4				
					4.0	0.3	65	29.7	29.7	8.0	8.0	26.2	26.2	81.2	81.2	5.3	5.3	5.0	4.4					
					6.9	0.1	35	29.8	29.8	8.1	8.1	26.2	26.2	81.6	81.7	5.4	5.4	5.3	4.4					
					6.9	0.1	35	29.8	29.8	8.1	8.1	26.2	26.2	81.8	81.8	5.4	5.4	5.2	4.4					
C3	Fine	Moderate	19:11	12.5	Surface	1.0	0.2	209	29.4	29.4	8.0	8.0	27.9	27.9	80.0	80.0	5.2	4.9	4.3	5.0	4	4	822112	817825
						1.0	0.2	216	29.4	29.4	8.0	8.0	28.0	29.9	79.9	79.9	5.2	4.5	4.4	4.3				
						6.3	0.2	246	28.4	28.4	8.0	8.0	29.9	30.0	68.4	68.0	4.5	4.5	4.9	4.9				
					6.3	0.2	248	28.4	28.4	8.0	8.0	30.0	30.0	67.6	67.6	4.5	4.5	4.9	4.9					
					11.5	0.3	258	28.3	28.3	8.0	8.0	30.3	30.3	71.5	71.9	4.7	4.8	5.7	5.7					
					11.5	0.3	271	28.3	28.3	8.0	8.0	30.3	30.3	72.3	72.3	4.8	4.8	5.7	5.7					
IM1	Rainy	Calm	17:39	4.0	Surface	1.0	0.2	1	29.0	29.0	8.0	8.0	25.7	25.7	76.9	77.0	5.1	5.1	7.1	7.3	4	5	817936	807110
						1.0	0.3	1	29.0	29.0	8.0	8.0	25.7	25.7	77.0	77.0	5.1	5.1	7.1	7.3				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					3.0	0.1	330	29.1	29.1	8.0	8.0	26.0	26.0	77.4	77.5	5.2	5.2	7.5	7.4					
					3.0	0.1	335	29.1	29.1	8.0	8.0	26.0	26.0	77.6	77.5	5.2	5.2	7.4	7.4					
					5.0	0.1	335	29.1	29.1	8.0	8.0	26.0	26.0	77.6	77.5	5.2	5.2	7.4	7.4					
IM2	Rainy	Calm	17:32	6.0	Surface	1.0	0.3	13	28.7	28.7	8.0	8.0	26.6	26.7	76.5	74.5	5.1	4.9	7.5	8.4	5	6	818166	806173
						1.0	0.3	14	28.7	28.7	8.0	8.0	26.8	27.2	72.5	71.8	4.8	4.8	7.4	7.4				
						3.0	0.3	3	28.7	28.8	8.0	8.0	27.2	27.2	71.8	71.8	4.8	4.8	8.6	8.6				
					3.0	0.3	3	28.8	28.8	8.0	8.0	27.3	27.2	71.7	71.7	4.8	4.8	8.6	8.6					
					5.0	0.3	348	29.0	29.0	8.0	8.0	27.3	27.2	72.7	73.2	4.8	4.9	9.1	9.1					
					5.0	0.3	320	29.1	29.1	8.0	8.0	27.2	27.2	73.6	73.2	4.9	4.9	9.0	9.0					
IM3	Rainy	Calm	17:25	6.2	Surface	1.0	0.4	337	28.8	28.8	8.0	8.0	25.1	25.1	78.6	78.3	5.3	5.1	6.8	7.7	5	6	818788	805614
						1.0	0.4	344	28.7	28.7	8.0	8.0	25.1	27.0	78.0	73.0	5.3	4.9	6.8	6.8				
						3.1	0.4	325	28.7	28.7	8.0	8.0	27.0	27.0	73.1	73.0	4.9	4.9	7.9	7.9				
					3.1	0.4	335	28.6	28.6	8.0	8.0	27.0	27.0	72.9	72.9	4.9	4.9	7.9	7.9					
					5.2	0.3	311	28.5	28.5	8.0	8.0	27.2	27.1	73.8	74.2	4.9	5.0	8.3	8.3					
					5.2	0.4	334	28.4	28.4	8.0	8.0	27.1	27.1	74.5	74.2	5.0	5.0	8.2	8.2					
IM4	Rainy	Calm	17:22	7.8	Surface	1.0	0.5	350	29.1	29.1	8.0	8.0	26.1	26.2	76.9	76.9	5.1	5.0	6.9	7.4	5	6	819736	804598
						1.0	0.6	322	29.0	29.0	8.0	8.0	26.3	27.1	76.8	73.2	5.1	4.9	6.9	7.1				
						3.9	0.5	339	28.9	28.9	8.0	8.0	27.1	27.1	73.1	73.2	4.9	4.9	7.2	7.1				
					3.9	0.5	345	28.9	28.9	8.0	8.0	27.1	27.0	73.2	73.2	4.9	4.9	7.1	7.1					
					6.8	0.4	319	29.2	29.3	7.9	7.9	27.1	27.0	75.1	75.9	5.0	5.1	8.1	8.1					
					6.8	0.5	332	29.3	29.3	7.9	7.9	27.0	27.0	76.7	75.9	5.1	5.1	8.0	8.0					
IM5	Rainy	Calm	17:14	7.2	Surface	1.0	0.2	318	29.5	29.5	7.9	7.9	24.0	24.0	82.6	82.7	5.5	5.4	6.6	7.5	4	4	820752	804855
						1.0	0.2	319	29.4	29.4	7.9	7.9	24.0	24.8	82.7	77.8	5.5	5.2	6.7	7.1				
						3.6	0.3	351	29.3	29.3	7.9	7.9	24.8	24.8	78.1	77.5	5.2	5.2	7.2	7.1				
					3.6	0.3	323	29.3	29.3	7.9	7.9	24.8	26.5	77.5	79.6	5.2	5.3	7.1	7.1					
					6.2	0.4	3	29.4	29.5	7.9	7.9	26.6	26.5	80.5	79.6	5.2	5.3	8.7	8.8					
					6.2	0.4	3	29.5	29.5	7.9	7.9	26.5	26.5	80.5	79.6	5.3	5.3	8.8	8.8					
IM6	Rainy	Calm	17:09	6.4	Surface	1.0	0.3	277	29.6	29.6	7.9	7.9	22.4	22.4	84.2	84.1	5.7	5.7	3.3	4.3	2	4	821041	805843
						1.0	0.4	286	29.6	29.6	7.9	7.9	22.4	22.6	84.0	84.9	5.7	5.7	3.2	4.0				
						3.2	0.3	282	29.6	29.6	7.9	7.9	22.6	22.6	84.7	85.0	5.7	5.7	4.0	4.0				
					3.2	0.3	285	29.6	29.6	7.9	7.9	22.6	22.6	85.0	85.7	5.7	5.8	4.0	4.0					
					5.4	0.2	275	29.7	29.7	7.9	7.9	22.7	22.6	85.6	85.7	5.7	5.8	5.7	5.6					
					5.4	0.3	282	29.7	29.7	7.9	7.9	22.6	22.6	85.7	85.7	5.8	5.8	5.6	5.6					
IM7	Rainy	Calm	17:04	8.0	Surface	1.0	0.4	248	29.6	29.6	7.9	7.9	22.5	22.5	83.8	83.8	5.6	5.6	3.7	4.6	5	4	821345	806834
						1.0	0.4	258	29.6	29.6	7.9	7.9	22.6	22.7	83.7	84.0	5.6	5.6	3.8	4.9				
						4.0	0.4	254	29.6	29.6	7.9	7.9	22.7	22.7	83.9	84.0	5.6	5.6	4.9	4.9				
					4.0	0.4	277	29.6	29.6	7.9	7.9	22.7	22.6	84.0	85.1	5.6	5.7	4.9	5.3					
					7.0	0.3	248	29.6	29.6	7.9	7.9	22.6	22.6	84.8	85.3	5.7	5.7	5.3	5.2					
					7.0	0.3	258	29.6	29.6	7.9	7.9	22.6	22.6	85.3	85.3	5.7	5.7	5.2	5.2					
IM8	Fine	Moderate	17:26	6.5	Surface	1.0	0.2	199	30.3	30.3	8.0	8.0	23.1	23.1	92.2	92.2	6.1	6.1	4.0	4.9	2	2	821835	808120
						1.0	0.2	205	30.3	30.3	8.0	8.0	23.2	23.9	92.1	92.0	6.1	6.1	4.0	5.3				
						3.3	0.1	216	30.2	30.2	8.0	8.0	23.9	23.9	91.8	92.2	6.1	6.1	5.3	5.3				
					3.3	0.1	216	30.2	30.2	8.0	8.0	23.9	23.9	92.2	92.2	6.1	6.1	5.3	5.3					
					5.5	0.1	208	30.2	30.2	8.0	8.0	23.8	23.8	93.7	93.9	6.2	6.2	5.5	5.5					
					5.5	0.1	227	30.2	30.2	8.0	8.0	23.7	23.7	94.0	94.0	6.2	6.2	5.6	5.6					

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 16 September 21 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Misty	Moderate	08:26	8.6	Surface	1.0	0.4	222	29.2	29.2	8.0	8.0	23.8	23.8	82.0	81.8	5.5	5.4	4.5	5.2	2	2	815601	804256
						1.0	0.4	224	29.1	29.0	8.0	8.0	23.8	23.8	81.5	80.5	5.5	5.4	4.6	5.2	3			
						4.3	0.4	211	29.0	29.0	8.0	8.0	24.1	24.2	77.8	77.3	5.2	5.1	3	2				
					4.3	0.4	221	29.0	29.0	8.0	8.0	24.2	24.2	76.7	77.3	5.2	5.1	2	2					
					7.6	0.4	211	29.1	29.1	8.0	8.0	26.5	26.5	79.4	80.5	5.3	5.4	6.0	2					
					7.6	0.4	219	29.1	29.1	8.0	8.0	26.5	26.5	81.5	80.5	5.4	5.4	6.0	2					
C2	Misty	Moderate	09:45	12.0	Surface	1.0	0.1	205	28.9	28.9	8.0	7.9	23.5	23.5	77.6	77.1	5.3	4.9	1.2	2.4	3	3	825700	806936
						1.0	0.1	210	28.9	28.8	7.9	7.9	23.6	26.4	76.5	67.9	5.2	4.9	1.2	2				
						6.0	0.1	348	28.8	28.8	7.9	7.9	26.3	26.4	70.0	67.9	4.7	4.5	2.1	3				
					6.0	0.1	357	28.8	28.8	7.9	7.9	26.4	26.4	65.7	67.9	4.4	4.5	2.2	2					
					11.0	0.2	342	29.0	29.1	7.9	7.9	26.9	26.8	67.1	67.8	4.5	4.5	3.7	3					
					11.0	0.2	356	29.1	29.1	7.9	7.9	26.8	26.8	68.5	67.8	4.5	4.5	3.8	3					
C3	Misty	Moderate	07:55	12.2	Surface	1.0	0.4	205	28.6	28.6	7.9	7.9	26.6	26.7	75.4	75.1	5.0	4.8	1.0	2.4	2	2	822121	817813
						1.0	0.5	213	28.5	28.4	7.9	7.9	26.9	27.1	74.7	75.1	5.0	4.8	1.0	2				
						6.1	0.5	246	28.4	28.4	7.9	7.9	27.1	27.1	68.5	68.2	4.6	4.5	3.0	<2				
					6.1	0.5	263	28.4	28.4	7.9	7.9	27.1	27.1	67.9	68.2	4.5	4.5	2.9	<2					
					11.2	0.4	254	28.6	28.7	7.9	7.9	27.0	26.8	68.3	69.1	4.6	4.7	3.1	<2					
					11.2	0.5	271	28.7	28.7	7.9	7.9	26.7	26.7	69.8	69.1	4.7	4.7	3.1	<2					
IM1	Misty	Moderate	08:48	4.2	Surface	1.0	0.3	175	29.3	29.3	8.0	8.0	23.8	23.8	84.8	84.8	5.7	5.7	1.5	2.1	2	2	817943	807140
						1.0	0.3	180	29.3	29.3	8.0	8.0	23.8	23.8	84.8	84.8	5.7	5.7	1.6	<2				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2			
					3.2	0.2	211	29.3	29.3	8.0	8.0	23.7	23.7	84.8	84.8	5.7	5.7	2.6	2					
					3.2	0.2	226	29.3	29.3	8.0	8.0	23.7	23.7	84.7	84.8	5.7	5.7	2.6	2					
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2				
IM2	Misty	Moderate	08:57	6.2	Surface	1.0	0.3	160	29.0	29.0	7.9	7.9	22.5	22.5	83.0	82.3	5.6	5.1	5.1	6.1	3	4	818166	806172
						1.0	0.3	174	29.0	29.0	7.9	7.9	22.5	22.5	81.5	82.3	5.5	5.1	5.1	2				
						3.1	0.2	152	29.0	29.0	7.9	7.9	26.7	26.7	70.9	71.0	4.7	5.1	6.2	4				
					3.1	0.2	165	29.0	29.0	7.9	7.9	26.7	26.7	71.0	71.0	4.7	5.1	6.2	3					
					5.2	0.1	167	28.8	28.8	7.9	7.9	26.9	26.9	73.5	74.2	4.9	5.0	7.0	4					
					5.2	0.2	175	28.7	28.8	7.9	7.9	27.0	26.9	74.8	74.2	5.0	5.0	7.0	5					
IM3	Misty	Moderate	09:04	6.0	Surface	1.0	0.3	148	29.1	29.1	8.0	8.0	22.5	22.5	82.4	82.0	5.6	5.1	2.2	3.4	4	3	818774	805581
						1.0	0.3	152	29.0	29.0	8.0	8.0	22.5	22.5	81.6	82.0	5.5	5.1	2.3	4				
						3.0	0.2	137	29.0	29.0	8.0	8.0	26.6	26.6	70.1	70.0	4.7	5.1	3.0	4				
					3.0	0.2	142	29.0	29.0	8.0	8.0	26.7	26.6	69.8	70.0	4.6	5.1	3.0	3					
					5.0	0.2	143	29.2	29.2	8.0	8.0	26.7	26.6	72.3	73.5	4.8	4.9	4.9	3					
					5.0	0.2	148	29.2	29.2	8.0	8.0	26.5	26.6	74.7	73.5	4.9	4.9	4.9	2					
IM4	Misty	Moderate	09:13	8.0	Surface	1.0	0.4	182	29.2	29.2	8.0	8.0	22.7	22.8	85.2	84.9	5.8	5.5	2.5	3.5	2	3	819703	804590
						1.0	0.5	191	29.2	29.2	8.0	8.0	22.8	23.7	84.5	84.9	5.7	5.5	2.5	3				
						4.0	0.4	172	29.2	29.2	8.0	8.0	23.6	23.7	77.8	77.2	5.2	5.5	3.6	2				
					4.0	0.4	175	29.2	29.2	8.0	8.0	23.9	23.7	76.6	77.2	5.2	5.5	3.5	3					
					7.0	0.3	172	29.2	29.3	8.0	8.0	25.9	25.7	76.8	78.4	5.1	5.2	4.6	3					
					7.0	0.4	174	29.3	29.3	8.0	8.0	25.5	25.7	79.9	78.4	5.3	5.2	4.5	3					
IM5	Misty	Moderate	09:23	7.0	Surface	1.0	0.3	184	29.2	29.2	8.0	8.0	22.3	22.4	85.3	84.9	5.8	5.4	5.0	5.7	3	3	820734	804856
						1.0	0.3	188	29.1	29.1	8.0	8.0	22.5	22.4	84.4	84.9	5.7	5.4	4.9	3				
						3.5	0.2	196	29.1	29.1	8.0	8.0	24.0	24.2	77.6	75.4	5.2	5.5	5.5	3				
					3.5	0.3	202	29.1	29.1	8.0	8.0	24.3	24.2	73.1	75.4	4.9	5.5	5.5	2					
					6.0	0.2	201	29.2	29.2	8.0	8.0	26.6	26.6	74.2	76.1	4.9	5.1	6.6	3					
					6.0	0.2	204	29.2	29.2	8.0	8.0	26.6	26.6	78.0	76.1	5.2	5.1	6.6	2					
IM6	Misty	Moderate	09:32	6.6	Surface	1.0	0.3	226	29.2	29.2	8.0	8.0	22.4	22.5	86.6	86.4	5.9	5.8	3.2	4.1	3	3	821074	805811
						1.0	0.3	238	29.1	29.0	8.0	8.0	22.5	22.7	86.2	83.0	5.8	5.8	3.1	2				
						3.3	0.2	232	29.1	29.0	8.0	8.0	22.7	22.7	84.0	83.0	5.7	5.8	4.2	2				
					3.3	0.2	246	28.9	29.0	8.0	8.0	22.8	22.7	81.9	83.0	5.6	5.4	4.1	3					
					5.6	0.3	240	28.7	28.6	7.9	7.9	26.3	26.3	78.4	80.3	5.2	5.4	5.0	3					
					5.6	0.3	252	28.5	28.6	7.9	7.9	26.3	26.3	82.2	80.3	5.5	5.4	5.0	2					
IM7	Misty	Moderate	09:42	7.2	Surface	1.0	0.1	160	29.0	29.0	8.0	8.0	22.6	22.7	82.1	81.0	5.6	5.1	2.5	3.4	2	2	821332	806829
						1.0	0.1	171	29.0	29.0	8.0	8.0	22.7	26.7	79.8	71.1	5.4	5.1	2.4	3				
						3.6	0.2	138	29.0	29.0	8.0	8.0	26.7	26.7	71.0	71.1	4.7	5.1	3.1	2				
					3.6	0.2	143	29.0	29.0	8.0	8.0	26.7	26.7	71.1	71.1	4.7	5.1	3.1	2					
					6.2	0.1	169	29.2	29.2	8.0	8.0	26.8	26.7	73.2	73.9	4.8	4.9	4.6	2					
					6.2	0.1	175	29.2	29.2	8.0	8.0	26.7	26.7	74.6	73.9	4.9	4.9	4.7	2					
IM8	Misty	Moderate	09:20	7.8	Surface	1.0	0.1	267	29.0	29.0	7.9	7.9	23.6	23.7	80.8	80.4	5.5	5.3	3.7	4.6	2	2	821820	808134
						1.0	0.1	278	29.0	29.0	7.9	7.9	23.7	24.1	80.0	76.8	5.4	5.3	3.7	<2				
						3.9	0.1	333	28.9	28.9	7.9	7.9	24.1	24.1	77.8	76.8	5.2	5.3	4.4	2				
					3.9	0.1	347	28.9	28.9	7.9	7.9	24.1	24.1	75.7	76.8	5.1	5.3	4.5	2					
					6.8	0.0	178	28.4	28.4	7.9	7.9	25.8	25.7	75.6	77.4	5.1	5.3	5.6	2					
					6.8	0.0	181	28.4	28.4	7.9	7.9	25.6	25.6	79.1	77.4	5.4	5.3	5.7	2					

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 16 September 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	DA	Value	DA	Value	DA	Value	DA		
C1	Misty	Calm	16:25	7.6	Surface	1.0	0.3	59	29.4	29.4	7.9	7.9	23.0	23.0	86.5	85.6	5.8	5.8	2	2	2	815618	804249	
						1.0	0.3	62	29.3	29.3	7.9	7.9	23.1	23.0	84.7	85.6	5.7	5.7	2	2				
						3.8	0.3	33	29.3	29.3	7.9	7.9	24.9	25.0	79.9	78.7	5.3	6.2	2	2				
					3.8	0.3	34	29.3	29.3	7.9	7.9	25.1	25.0	77.5	78.7	5.2	6.1	2	2					
					6.6	0.2	21	29.4	29.6	7.9	7.9	25.4	25.3	72.2	75.2	4.8	7.7	<2	<2					
					6.6	0.3	21	29.7	29.7	8.0	7.9	25.2	25.3	76.1	75.2	5.2	7.6	<2	<2					
C2	Misty	Calm	15:36	11.2	Surface	1.0	0.6	179	29.1	29.1	7.9	7.9	24.3	24.3	75.5	67.6	5.1	1.2	2	2	3	825703	806952	
						1.0	0.7	162	29.0	29.0	7.9	7.9	24.3	24.3	75.8	67.6	5.1	1.2	3	3				
						5.6	0.6	167	28.8	28.8	7.9	7.9	25.7	25.7	67.7	67.6	4.5	2.0	2	2				
					5.6	0.6	201	28.8	28.8	7.9	7.9	25.7	25.7	67.5	67.6	4.5	2.1	3	3					
					10.2	0.4	167	28.9	28.9	7.9	7.9	25.6	25.6	68.2	68.6	4.6	4.0	4	4					
					10.2	0.4	163	28.9	28.9	7.9	7.9	25.5	25.5	69.0	68.6	4.6	4.0	4	4					
C3	Misty	Calm	17:27	12.2	Surface	1.0	0.3	66	30.0	30.0	8.0	8.0	21.7	21.7	97.6	97.2	6.6	4.6	3	3	2	822086	817794	
						1.0	0.2	87	30.0	30.0	8.0	8.0	21.7	21.7	96.8	97.2	6.5	4.5	2	2				
						6.1	0.2	87	30.0	30.0	8.0	8.0	21.9	21.9	92.6	92.4	6.2	5.8	<2	<2				
					6.1	0.2	95	30.0	30.0	8.0	8.0	21.9	21.9	92.2	92.4	6.2	5.9	<2	<2					
					11.2	0.2	57	30.0	30.0	8.0	8.0	21.9	21.9	91.8	92.4	6.2	6.2	<2	<2					
					11.2	0.2	61	30.0	30.0	8.0	8.0	21.8	21.8	93.0	92.4	6.2	6.1	<2	<2					
IM1	Misty	Calm	16:12	4.0	Surface	1.0	0.2	321	29.8	29.8	8.0	8.0	23.3	23.4	87.7	87.5	5.9	7.2	5	5	4	817971	807145	
						1.0	0.2	351	29.8	29.8	8.0	8.0	23.5	23.4	87.2	87.5	5.8	7.2	4	4				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-
					3.0	0.1	260	29.8	29.9	8.0	8.0	23.7	23.6	88.3	89.2	5.9	8.0	2	2					
					3.0	0.1	279	29.9	29.9	8.0	8.0	23.5	23.6	90.0	89.2	6.0	8.0	3	3					
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
IM2	Misty	Calm	16:05	6.0	Surface	1.0	0.6	342	29.6	29.6	8.0	8.0	23.6	23.7	88.2	87.9	5.9	4.9	4	4	4	818181	806165	
						1.0	0.6	351	29.5	29.6	8.0	8.0	23.7	23.7	87.6	87.9	5.9	4.8	4	4				
						3.0	0.4	321	29.5	29.6	8.0	8.0	24.1	24.1	83.6	81.4	5.6	5.0	4	4				
					3.0	0.4	352	29.6	29.6	8.0	8.0	24.2	24.1	79.1	81.4	5.3	5.0	4	4					
					5.0	0.2	275	29.8	29.8	8.0	8.0	24.2	24.1	80.9	82.2	5.4	6.7	4	4					
					5.0	0.2	302	29.8	29.8	8.0	8.0	24.0	24.1	83.4	82.2	5.5	6.6	4	4					
IM3	Misty	Calm	15:58	6.2	Surface	1.0	0.6	317	29.5	29.5	7.9	7.9	22.8	22.7	89.8	89.4	6.0	6.4	3	3	4	818792	805600	
						1.0	0.6	328	29.4	29.4	7.9	7.9	22.7	22.7	89.0	89.4	6.0	6.3	2	2				
						3.1	0.4	300	29.2	29.2	7.9	7.9	24.7	24.8	81.6	79.8	5.5	7.1	4	4				
					3.1	0.4	313	29.1	29.2	7.9	7.9	24.9	24.8	78.0	79.8	5.2	7.1	3	3					
					5.2	0.2	294	29.9	29.9	7.9	7.9	25.4	25.3	72.3	73.2	4.8	8.4	4	4					
					5.2	0.2	321	29.0	29.0	7.9	7.9	25.2	25.3	74.0	73.2	5.0	8.4	5	5					
IM4	Misty	Calm	15:56	7.8	Surface	1.0	0.5	324	30.0	30.0	8.0	8.0	22.1	22.2	93.5	93.0	6.3	6.4	3	3	4	819714	804611	
						1.0	0.6	349	30.0	30.0	8.0	8.0	22.2	22.2	92.5	93.0	6.2	6.3	3	3				
						3.9	0.5	326	29.8	29.8	8.0	8.0	22.5	22.6	88.9	86.7	6.0	7.4	4	4				
					3.9	0.5	349	29.8	29.8	8.0	8.0	22.7	22.6	84.4	86.7	5.7	7.4	4	4					
					6.8	0.3	346	29.9	29.9	7.9	7.9	22.9	22.8	85.6	87.0	5.7	8.9	4	4					
					6.8	0.3	318	29.9	29.9	7.9	7.9	22.8	22.8	88.4	87.0	5.9	8.9	4	4					
IM5	Misty	Calm	15:48	7.2	Surface	1.0	0.4	331	29.8	29.8	7.9	7.9	22.0	22.0	89.6	88.9	6.0	6.2	3	3	3	820724	804850	
						1.0	0.4	355	29.7	29.7	7.9	7.9	22.1	22.0	88.1	88.9	5.9	6.1	4	4				
						3.6	0.5	351	29.7	29.7	7.9	7.9	22.4	22.4	82.2	80.3	5.5	7.2	3	3				
					3.6	0.5	323	29.7	29.7	7.9	7.9	22.4	22.4	78.3	80.3	5.3	7.1	4	4					
					6.2	0.2	28	29.9	30.0	8.0	8.0	25.2	25.0	80.2	81.9	5.3	8.1	3	3					
					6.2	0.3	29	30.0	30.0	8.0	8.0	24.8	25.0	83.5	81.9	5.5	8.0	3	3					
IM6	Misty	Calm	15:42	6.4	Surface	1.0	0.4	282	30.0	30.0	8.0	8.0	22.1	22.2	93.6	93.1	6.3	4.1	3	3	4	821059	805816	
						1.0	0.4	296	30.0	30.0	8.0	8.0	22.2	22.2	92.5	93.1	6.2	4.1	3	3				
						3.2	0.1	336	30.0	30.0	8.0	8.0	22.5	22.6	88.3	86.0	5.9	5.2	4	4				
					3.2	0.1	340	30.0	30.0	8.0	8.0	22.6	22.6	83.6	86.0	5.6	5.2	5	5					
					5.4	0.1	57	30.0	30.1	7.9	7.9	23.0	22.9	84.7	86.2	5.6	6.9	5	5					
					5.4	0.1	60	30.1	30.1	7.9	7.9	22.8	22.9	87.7	86.2	5.8	6.8	4	4					
IM7	Misty	Calm	15:37	8.0	Surface	1.0	0.4	243	29.8	29.8	7.9	7.9	21.7	21.8	90.4	89.9	6.1	2.2	3	3	3	821329	806826	
						1.0	0.4	250	29.7	29.7	7.9	7.9	21.8	21.8	89.3	89.9	6.0	2.1	4	4				
						4.0	0.4	251	29.5	29.5	7.9	7.9	22.0	22.0	84.5	82.3	5.7	3.8	3	3				
					4.0	0.4	255	29.4	29.4	7.9	7.9	22.1	22.0	80.1	82.3	5.4	3.8	2	2					
					7.0	0.2	188	29.2	29.2	7.9	7.9	25.1	25.1	74.4	74.9	5.0	4.8	3	3					
					7.0	0.2	200	29.2	29.2	7.9	7.9	25.1	25.1	75.4	74.9	5.0	4.8	2	2					
IM8	Misty	Calm	15:58	8.2	Surface	1.0	0.1	163	28.8	28.8	7.9	7.9	25.6	25.7	68.6	68.5	4.6	2.5	4	4	4	821810	808119	
						1.0	0.1	176	28.8	28.8	7.9	7.9	25.8	25.7	68.3	68.5	4.6	2.6	4	4				
						4.1	0.2	164	28.9	28.9	7.9	7.9	25.8	25.8	68.2	68.3	4.6	3.7	5	5				
					4.1	0.2	179	28.9	28.9	7.9	7.9	25.8	25.8	68.3	68.3	4.6	3.7	4	4					
					7.2	0.1	192	29.3	29.3	7.9	7.9	25.5	25.4	70.0	70.9	4.7	4.7	4	4					
					7.2	0.1	192	29.3	29.3	7.9	7.9	25.4	25.4	71.7	70.9	4.8	4.6	5	5					

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

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Water Quality Monitoring

Water Quality Monitoring Results on 16 September 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	16:06	7.6	Surface	1.0	0.3	120	29.1	29.1	7.9	7.9	21.6	21.5	80.4	79.0	5.5	5.0	6.4	7.5	3	4	822079	808807
						1.0	0.3	123	29.0	7.9	7.9	21.4	25.7	77.6	68.5	5.3	4.6	6.5	4					
						3.8	0.3	112	28.8	28.9	7.9	7.9	25.7	68.5	4.6	7.5	4							
					Middle	3.8	0.4	122	29.0	28.9	7.9	7.9	25.7	68.5	4.6	7.5	4							
						6.6	0.2	87	29.2	29.3	7.9	7.9	25.8	69.6	4.6	8.5	4							
						6.6	0.2	95	29.3	29.3	7.9	7.9	25.8	70.5	4.7	8.5	5							
					Bottom	1.0	0.6	107	28.8	28.8	7.9	7.9	24.5	69.1	4.7	2.7	4							
						1.0	0.6	116	28.8	28.8	7.9	7.9	24.3	68.8	4.7	2.7	5							
						4.0	0.6	106	29.0	29.1	7.9	7.9	25.8	68.9	4.6	3.8	5							
Middle	4.0	0.6	107	29.1	29.1	7.9	7.9	25.8	69.1	4.6	3.8	4												
	7.0	0.5	112	29.4	29.5	7.9	7.9	25.5	70.6	4.7	4.7	7												
	7.0	0.5	114	29.5	29.5	7.9	7.9	25.4	71.7	4.8	4.7	6												
IM10	Misty	Calm	16:11	8.0	Surface	1.0	0.7	108	29.9	29.9	7.9	7.9	20.9	20.8	97.1	96.9	6.6	6.2	3.4	4.4	5	6	822380	809808
						1.0	0.7	109	29.8	29.5	7.9	7.9	22.9	87.1	5.9	4.0	5							
						3.7	0.7	105	29.5	29.5	7.9	7.9	23.1	86.1	5.8	4.1	5							
					Middle	3.7	0.7	109	29.4	29.3	7.9	7.9	23.1	86.1	5.8	4.1	5							
						6.4	0.5	112	29.2	29.3	7.9	7.9	24.9	80.7	5.4	5.7	4							
						6.4	0.5	120	29.3	29.3	7.9	7.9	24.7	82.2	5.5	5.8	10							
					Bottom	1.0	0.7	113	29.7	29.7	7.9	7.9	21.3	95.7	6.5	2.6	4							
						1.0	0.7	113	29.7	29.7	7.9	7.9	21.3	91.8	6.2	2.6	5							
						4.6	0.6	108	29.6	29.6	8.0	8.0	23.0	89.1	6.0	3.7	4							
Middle	4.6	0.6	114	29.6	29.6	8.0	8.0	23.2	88.2	5.9	3.7	5												
	8.2	0.4	87	29.7	29.8	8.0	8.0	23.9	83.5	5.6	4.7	3												
	8.2	0.4	88	29.9	29.8	8.0	8.0	24.0	86.2	5.7	4.8	3												
SR1A	Misty	Calm	17:03	4.8	Surface	1.0	-	-	30.1	30.1	8.0	8.0	21.4	21.5	90.8	90.6	6.1	6.1	2.7	2.9	5	6	821475	812034
						1.0	-	-	30.1	30.1	8.0	8.0	21.5	90.3	6.1	2.6	6							
						2.4	-	-	-	-	-	-	-	-	-	-	-	5						
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-	5						
						3.8	-	-	30.1	30.1	7.9	7.9	21.6	88.8	6.0	3.2	6							
						3.8	-	-	30.1	30.1	7.9	7.9	21.5	88.2	5.9	3.1	5							
					Bottom	1.0	0.4	75	30.0	30.0	8.0	8.0	21.6	96.8	6.5	4.7	4							
						1.0	0.5	82	30.0	30.0	8.0	8.0	21.7	96.0	6.4	4.6	4							
						-	-	-	-	-	-	-	-	-	-	-	-	5						
Middle	-	-	-	-	-	-	-	-	-	-	-	-	5											
	-	-	-	-	-	-	-	-	-	-	-	-	5											
	3.0	0.3	55	30.0	30.0	8.0	8.0	21.9	91.6	6.1	5.8	3												
Bottom	3.0	0.3	60	30.0	30.0	8.0	8.0	21.9	91.4	6.1	5.7	4												
	1.0	0.2	207	28.9	28.9	7.9	7.9	24.8	71.9	4.8	2.5	3												
	1.0	0.2	227	28.9	28.9	7.9	7.9	24.8	71.3	4.8	2.5	4												
Middle	4.7	0.1	211	28.8	28.9	7.9	7.9	26.0	68.5	4.6	4.0	4												
	4.7	0.1	230	28.9	28.9	7.9	7.9	25.9	68.8	4.6	3.9	5												
	8.4	0.1	226	29.2	29.2	7.9	7.9	25.8	71.3	4.7	5.1	5												
Bottom	8.4	0.1	239	29.2	29.2	7.9	7.9	25.8	72.4	4.8	4.9	4												
	1.0	0.2	57	28.9	28.9	7.9	7.9	24.4	81.8	5.5	6.7	5												
	1.0	0.2	62	28.8	28.9	7.9	7.9	24.3	80.1	5.4	6.6	4												
Middle	3.6	0.0	265	28.5	28.5	7.9	7.9	26.6	67.4	4.5	7.5	5												
	3.6	0.0	290	28.4	28.5	7.9	7.9	26.7	67.2	4.5	7.4	4												
	6.2	0.0	352	28.4	28.4	7.9	7.9	26.9	69.3	4.6	8.9	3												
Bottom	6.2	0.0	324	28.4	28.4	7.9	7.9	26.8	71.1	4.8	9.0	3												
	1.0	0.0	326	29.2	29.2	8.0	8.0	23.7	88.0	5.9	7.7	3												
	1.0	0.0	336	29.2	29.2	7.9	7.9	23.7	86.0	5.8	7.7	4												
Middle	-	-	-	-	-	-	-	-	-	-	-	-	5											
	-	-	-	-	-	-	-	-	-	-	-	-	5											
	3.0	0.0	359	29.5	29.6	8.0	8.0	26.1	74.7	4.9	8.5	4												
Bottom	3.0	0.0	332	29.6	29.6	8.0	8.0	26.0	78.1	5.2	8.5	3												
	1.0	0.0	104	29.4	29.4	8.0	8.0	23.6	89.4	6.0	6.4	4												
	1.0	0.0	113	29.3	29.4	8.0	8.0	23.6	86.2	5.8	6.3	3												
Middle	-	-	-	-	-	-	-	-	-	-	-	-	5											
	-	-	-	-	-	-	-	-	-	-	-	-	5											
	2.8	0.0	186	29.5	29.6	8.0	8.0	25.8	77.4	5.1	7.9	2												
Bottom	2.8	0.0	188	29.6	29.6	8.0	8.0	25.7	82.0	5.4	7.9	2												
	1.0	0.4	81	29.8	29.8	8.0	8.0	21.4	94.9	6.4	6.4	2												
	1.0	0.4	83	29.8	29.8	8.0	8.0	21.5	94.2	6.4	6.3	3												
Middle	7.0	0.1	15	29.8	29.8	8.0	8.0	21.8	90.8	6.1	7.5	3												
	7.0	0.1	15	29.8	29.8	8.0	8.0	21.8	89.4	6.0	7.6	4												
	13.0	0.3	66	30.0	30.0	8.0	8.0	24.3	86.3	5.7	8.2	3												
Bottom	13.0	0.3	72	30.0	30.0	8.0	8.0	24.2	89.3	5.9	8.1	4												
	1.0	-	-	30.0	30.0	8.0	8.0	21.2	99.8	6.7	3.1	4												
	1.0	-	-	30.0	30.0	8.0	8.0	21.2	99.7	6.7	3.2	5												
Middle	-	-	-	-	-	-	-	-	-	-	-	-	5											
	-	-	-	-	-	-	-	-	-	-	-	-	5											
	3.2	-	-	30.0	30.1	8.0	8.0	21.3	99.5	6.7	4.1	4												
Bottom	3.2	-	-	30.1	30.1	8.0	8.0	21.3	99.6	6.7	4.1	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 18 September 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	Rough	10:34	8.4	Surface	1.0	0.5	227	28.0	28.0	8.0	8.0	27.9	27.9	81.3	81.3	5.4	5.2	2.1	4.8	6	7	815604	804223
						1.0	0.5	244	28.0	8.0	8.0	27.9	27.9	81.3	81.3	5.5	5.2	2.1	7					
						4.2	0.3	209	27.5	8.0	8.0	29.7	29.7	73.8	73.8	4.9	4.9	2.2	6					
					Middle	4.2	0.4	214	27.5	8.0	8.0	29.7	29.7	73.8	73.8	4.9	4.9	2.3	7					
						7.4	0.3	215	26.8	7.9	7.9	30.1	30.1	55.3	55.4	3.7	3.7	10.0	7					
						7.4	0.3	225	26.8	7.9	7.9	30.1	30.1	55.4	55.4	3.7	3.7	10.0	7					
C2	Fine	Calm	12:58	12.0	Surface	1.0	0.6	207	29.1	29.1	7.6	7.6	28.8	28.8	80.0	79.9	5.2	5.2	2.5	3.7	6	6	825684	806955
						1.0	0.7	227	29.1	7.6	7.6	28.8	28.8	79.8	79.9	5.2	5.2	2.5	6					
						6.0	0.6	211	29.1	7.6	7.6	28.9	28.9	79.9	80.1	5.2	5.2	3.9	6					
					Middle	6.0	0.6	231	29.2	7.6	7.6	28.9	28.9	80.3	80.3	5.3	5.3	3.8	6					
						11.0	0.3	244	29.3	7.6	7.6	28.9	28.9	82.3	83.1	5.4	5.5	4.7	5					
						11.0	0.4	249	29.3	7.6	7.6	28.9	28.9	83.8	83.8	5.5	5.5	4.6	6					
C3	Fine	Calm	10:16	12.2	Surface	1.0	0.3	81	27.1	27.1	7.5	7.5	31.2	31.2	65.7	65.6	4.4	4.3	2.4	3.4	5	5	822085	817820
						1.0	0.3	88	27.1	7.5	7.5	31.2	31.2	65.4	65.6	4.4	4.3	2.5	6					
						6.1	0.3	70	27.1	7.5	7.5	31.3	31.3	64.0	63.8	4.3	4.3	3.7	5					
					Middle	6.1	0.3	76	27.1	7.5	7.5	31.3	31.3	63.6	63.8	4.2	4.2	3.7	6					
						11.2	0.3	74	27.3	7.5	7.5	31.4	31.4	63.6	64.3	4.2	4.3	4.1	5					
						11.2	0.3	81	27.3	7.5	7.5	31.4	31.4	64.9	64.3	4.3	4.3	4.0	4					
IM1	Sunny	Moderate	10:57	4.6	Surface	1.0	0.1	140	28.2	28.2	7.9	7.9	28.6	28.6	63.4	63.4	4.2	4.2	4.4	6.3	8	8	817965	807147
						1.0	0.1	143	28.2	7.9	7.9	28.6	28.6	63.4	63.4	4.2	4.2	4.4	9					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						3.6	0.1	153	27.4	7.9	7.9	29.2	29.2	58.1	58.2	3.9	3.9	8.3	6					
						3.6	0.1	163	27.4	7.9	7.9	29.2	29.2	58.2	58.2	3.9	3.9	8.3	7					
IM2	Sunny	Rough	11:04	6.9	Surface	1.0	0.2	152	28.0	28.0	8.0	8.0	28.5	28.5	69.5	69.5	4.6	4.1	3.1	6.2	6	6	818166	806173
						1.0	0.2	156	28.0	8.0	8.0	28.5	28.5	69.4	69.5	4.6	4.6	3.0	6					
						3.5	0.3	145	27.2	7.9	7.9	29.4	29.4	53.2	53.3	3.6	3.6	5.5	6					
					Middle	3.5	0.3	157	27.2	7.9	7.9	29.4	29.4	53.3	53.3	3.6	3.6	5.4	6					
						5.9	0.1	149	27.1	7.9	7.9	29.5	29.5	55.3	55.4	3.7	3.7	10.0	5					
						5.9	0.1	163	27.1	7.9	7.9	29.5	29.5	55.4	55.4	3.7	3.7	10.1	6					
IM3	Sunny	Rough	11:12	6.3	Surface	1.0	0.4	143	27.4	27.4	7.9	7.9	29.1	29.1	54.3	54.3	3.7	3.7	6.7	9.6	10	10	818797	805571
						1.0	0.4	145	27.4	7.9	7.9	29.1	29.1	54.3	54.3	3.7	3.7	6.7	10					
						3.2	0.3	137	27.3	7.9	7.9	29.2	29.2	52.6	52.6	3.6	3.6	8.3	9					
					Middle	3.2	0.3	138	27.3	7.9	7.9	29.2	29.2	52.6	52.6	3.6	3.6	8.3	9					
						5.3	0.2	126	27.2	7.9	7.9	29.2	29.2	52.6	52.6	3.6	3.6	13.7	10					
						5.3	0.3	136	27.2	7.9	7.9	29.2	29.2	52.6	52.6	3.6	3.6	13.7	10					
IM4	Sunny	Rough	11:22	7.2	Surface	1.0	0.9	204	28.3	28.3	8.0	8.0	27.6	27.6	71.6	71.6	4.8	4.7	3.5	6.5	6	6	819703	804590
						1.0	0.9	223	28.3	8.0	8.0	27.6	27.6	71.6	71.6	4.8	4.8	3.5	6					
						3.6	0.8	198	28.0	8.0	8.0	27.9	27.9	69.0	69.0	4.6	4.6	6.4	5					
					Middle	3.6	0.8	202	28.0	8.0	8.0	27.9	27.9	69.0	69.0	4.6	4.6	6.3	5					
						6.2	0.5	181	27.6	7.9	7.9	28.5	28.5	62.7	62.7	4.2	4.2	9.7	5					
						6.2	0.5	187	27.6	7.9	7.9	28.5	28.5	62.6	62.7	4.2	4.2	9.7	5					
IM5	Sunny	Moderate	11:32	7.3	Surface	1.0	0.7	208	28.3	28.3	8.0	8.0	26.4	26.4	78.5	78.5	5.3	4.9	2.7	6.2	5	5	820720	804877
						1.0	0.8	223	28.3	8.0	8.0	26.4	26.4	78.4	78.4	5.3	5.3	2.7	5					
						3.7	0.8	205	27.8	8.0	8.0	27.8	27.8	64.5	65.4	4.3	4.3	4.2	4					
					Middle	3.7	0.8	222	27.8	8.0	8.0	27.7	27.7	66.3	65.4	4.5	4.5	4.3	5					
						6.3	0.5	204	27.4	7.9	7.9	28.7	28.7	59.5	59.5	4.0	4.0	11.8	4					
						6.3	0.6	214	27.4	7.9	7.9	28.7	28.7	59.5	59.5	4.0	4.0	11.8	5					
IM6	Sunny	Moderate	11:41	6.9	Surface	1.0	0.6	243	28.5	28.5	8.0	8.0	27.1	27.0	73.5	73.5	4.9	4.9	3.7	4.8	5	6	821075	805829
						1.0	0.6	264	28.5	8.0	8.0	27.0	27.0	73.5	74.0	4.9	4.9	3.7	4					
						3.5	0.5	234	28.2	8.0	8.0	27.6	27.6	74.0	74.0	4.9	4.9	3.3	5					
					Middle	3.5	0.5	244	28.2	8.0	8.0	27.6	27.6	73.9	74.0	4.9	4.9	3.2	6					
						5.9	0.4	240	27.4	7.9	7.9	28.8	28.8	57.3	57.3	3.9	3.9	7.5	7					
						5.9	0.4	257	27.4	7.9	7.9	28.8	28.8	57.3	57.3	3.9	3.9	7.6	6					
IM7	Sunny	Moderate	11:50	8.0	Surface	1.0	0.3	241	28.7	28.7	8.0	8.0	26.6	26.6	78.0	78.0	5.2	4.8	2.8	5.1	6	6	821336	806816
						1.0	0.3	260	28.7	8.0	8.0	26.6	26.6	78.0	78.0	5.2	5.2	2.9	5					
						4.0	0.3	233	27.9	8.0	8.0	28.0	28.0	64.5	64.5	4.3	4.3	4.3	6					
					Middle	4.0	0.3	239	27.9	8.0	8.0	28.0	28.0	64.5	64.5	4.3	4.3	4.3	5					
						7.0	0.2	242	27.3	7.9	7.9	29.1	29.1	52.1	52.2	3.5	3.5	8.2	7					
						7.0	0.2	260	27.3	7.9	7.9	29.1	29.1	52.3	52.2	3.5	3.5	8.2	6					
IM8	Fine	Calm	12:42	7.8	Surface	1.0	0.6	139	29.0	29.0	7.6	7.6	28.8	28.8	86.4	85.9	5.7	5.4	1.5	2.5	8	5	821829	808120
						1.0	0.7	150	29.0	7.6	7.6	28.8	28.8	85.3	85.9	5.6	5.4	1.5	9					
						3.9	0.5	129	29.2	7.6	7.6	28.6	28.5	79.1	79.1	5.2	5.2	2.2	4					
					Middle	3.9	0.5	134	29.3	7.6	7.6	28.5	28.5	79.1	79.1	5.2	5.2	2.2	5					
						6.8	0.4	104	29.4	7.6	7.6	28.3	28.3	80.5	80.9	5.3	5.3	3.8	3					
						6.8	0.5	105	29.5	7.6	7.6	28.3	28.3	81.2	80.9	5.3	5.3	3.8	3					

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

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

Water Quality Monitoring Results on 21 September 21 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA						
C1	Fine	Rough	12:45	8.3	Surface	1.0	0.4	243	28.7	28.7	7.9	7.9	27.3	27.3	74.5	74.4	5.0	4.9	3.7	6.3	6	5	815632	804235				
						1.0	0.4	255	28.7	7.9	7.9	27.3	27.3	74.3	72.9	4.9	4.9	3.7	5	4								
						4.2	0.4	214	28.6	7.9	7.9	27.5	27.5	72.9	72.9	4.9	4.9	6.3	4	5								
					Middle	4.2	0.5	231	28.6	7.9	7.9	27.5	27.5	72.8	72.9	4.8	4.8	6.4	5	4								
						7.3	0.4	204	28.5	7.9	7.9	27.7	27.7	71.2	71.3	4.7	4.7	8.8	4	5								
						7.3	0.4	222	28.5	7.9	7.9	27.7	27.7	71.3	71.3	4.7	4.7	9.0	5	4								
C2	Fine	Moderate	11:37	12.2	Surface	1.0	0.2	135	28.5	28.5	7.9	7.9	27.3	27.2	70.9	71.0	4.7	4.7	4.4	5.8	4	4	825675	806958				
						1.0	0.2	148	28.5	7.9	7.9	27.2	27.2	71.0	71.0	4.7	4.7	4.6	3	4								
						6.1	0.5	154	27.7	7.9	7.9	28.4	28.4	64.5	64.6	4.3	4.3	5.6	4	4								
					Middle	6.1	0.5	168	27.7	7.9	7.9	28.4	28.4	64.6	64.6	4.3	4.3	5.6	3	4								
						11.2	0.5	144	27.6	7.9	7.9	28.6	28.6	64.7	64.8	4.4	4.4	7.2	4	4								
						11.2	0.5	158	27.6	7.9	7.9	28.6	28.6	64.8	64.8	4.4	4.4	7.6	3	4								
C3	Rainy	Rough	14:09	11.2	Surface	1.0	0.4	286	28.3	28.3	7.9	7.9	27.9	27.9	74.7	74.7	5.0	5.0	5.3	6.6	4	5	822096	817783				
						1.0	0.4	288	28.3	7.9	7.9	27.9	27.9	74.7	74.7	5.0	5.0	5.4	5	4								
						5.6	0.2	257	28.1	7.9	7.9	28.0	28.0	73.1	73.1	4.9	4.9	6.9	4	4								
					Middle	5.6	0.2	280	28.1	7.9	7.9	28.0	28.0	73.1	73.1	4.9	4.9	6.8	5	4								
						10.2	0.1	120	28.1	7.9	7.9	28.0	28.0	73.8	73.9	4.9	4.9	7.6	4	4								
						10.2	0.1	126	28.1	7.9	7.9	28.0	28.0	73.9	73.9	5.0	5.0	7.6	5	4								
IM1	Fine	Moderate	12:18	5.4	Surface	1.0	0.2	184	29.4	29.4	7.9	7.9	27.4	27.4	79.5	79.5	5.2	5.2	4.0	5.1	3	4	817956	807128				
						1.0	0.2	191	29.3	7.9	7.9	27.4	27.4	79.4	79.4	5.2	5.2	4.1	4	4								
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
						4.4	0.2	165	28.7	28.7	7.9	7.9	27.6	27.6	74.5	74.5	5.0	5.0	6.1	5	4							
						4.4	0.2	171	28.7	7.9	7.9	27.6	27.6	74.5	74.5	5.0	5.0	6.2	4	4								
IM2	Fine	Moderate	12:11	7.2	Surface	1.0	0.1	169	28.5	28.5	7.9	7.9	27.4	27.4	73.1	73.2	4.9	4.9	3.2	5.2	6	5	818140	806184				
						1.0	0.1	183	28.5	7.9	7.9	27.4	27.4	73.2	73.2	4.9	4.9	3.2	5	4								
						3.6	0.2	163	28.5	7.9	7.9	27.4	27.4	72.5	72.5	4.8	4.8	4.7	4	4								
					Middle	3.6	0.2	176	28.5	7.9	7.9	27.4	27.4	72.5	72.5	4.8	4.8	5.0	5	4								
						6.2	0.2	173	28.5	7.9	7.9	27.4	27.4	72.5	72.5	4.8	4.8	7.6	4	4								
						6.2	0.2	182	28.5	7.9	7.9	27.4	27.4	72.5	72.5	4.8	4.8	7.6	5	4								
IM3	Fine	Moderate	12:03	7.5	Surface	1.0	0.0	253	28.4	28.4	8.0	8.0	27.7	27.7	72.5	72.5	4.8	4.8	3.8	6.0	4	4	818790	805587				
						1.0	0.0	267	28.4	8.0	8.0	27.7	27.7	72.4	72.4	4.8	4.8	3.8	5	4								
						3.8	0.1	119	28.2	7.9	7.9	27.9	27.9	69.8	69.8	4.7	4.7	5.8	4	4								
					Middle	3.8	0.1	129	28.2	7.9	7.9	27.9	27.9	69.7	69.7	4.7	4.7	5.8	5	4								
						6.5	0.2	119	27.9	7.9	7.9	28.3	28.3	67.5	67.6	4.5	4.5	8.4	4	4								
						6.5	0.2	123	27.9	7.9	7.9	28.3	28.3	67.6	67.6	4.5	4.5	8.4	3	4								
IM4	Fine	Rough	11:54	8.6	Surface	1.0	0.3	200	28.4	28.4	8.0	8.0	27.6	27.6	75.0	75.0	5.0	4.9	2.9	4.5	7	7	819743	804611				
						1.0	0.3	212	28.3	8.0	8.0	27.7	27.7	74.9	74.9	5.0	4.9	2.9	7	7								
						4.3	0.2	203	28.1	7.9	7.9	28.0	28.0	68.1	68.1	4.6	4.6	4.3	6	6								
					Middle	4.3	0.2	215	28.1	7.9	7.9	28.0	28.0	68.0	68.0	4.6	4.6	4.2	7	6								
						7.6	0.2	171	28.1	8.0	8.0	28.0	27.9	68.5	68.6	4.6	4.6	6.5	6	6								
						7.6	0.2	173	28.1	8.0	8.0	27.9	27.9	68.6	68.6	4.6	4.6	6.5	6	6								
IM5	Fine	Moderate	11:48	7.7	Surface	1.0	0.4	230	28.7	28.7	7.9	7.9	27.1	27.1	73.9	73.9	4.9	4.9	3.8	6.0	6	6	820721	804861				
						1.0	0.4	247	28.7	7.9	7.9	27.1	27.1	73.8	73.8	4.9	4.9	4.1	6	6								
						3.9	0.2	207	28.5	8.0	8.0	27.2	27.2	72.2	72.2	4.8	4.8	6.3	6	6								
					Middle	3.9	0.2	207	28.5	8.0	8.0	27.2	27.2	72.2	72.2	4.8	4.8	6.0	6	6								
						6.7	0.1	156	28.3	8.0	8.0	27.6	27.6	72.2	72.2	4.8	4.8	8.0	6	6								
						6.7	0.2	157	28.3	8.0	8.0	27.6	27.6	72.2	72.2	4.8	4.8	7.8	7	6								
IM6	Fine	Moderate	11:43	7.5	Surface	1.0	0.3	260	28.7	28.7	7.9	7.9	27.1	27.1	73.6	73.5	4.9	4.9	4.7	6.1	7	6	821048	805820				
						1.0	0.3	271	28.6	8.0	8.0	27.1	27.1	73.4	73.4	4.9	4.9	4.8	6	6								
						3.8	0.2	238	28.4	8.0	8.0	27.4	27.4	72.4	72.4	4.8	4.8	6.0	5	6								
					Middle	3.8	0.2	247	28.4	8.0	8.0	27.4	27.4	72.3	72.4	4.8	4.8	6.0	6	6								
						6.5	0.2	220	28.2	8.0	8.0	27.9	27.8	71.4	71.5	4.8	4.8	7.6	6	6								
						6.5	0.2	231	28.2	8.0	8.0	27.8	27.8	71.6	71.6	4.8	4.8	7.6	5	6								
IM7	Fine	Moderate	11:36	8.9	Surface	1.0	0.1	245	28.7	28.7	7.9	7.9	26.9	26.9	73.6	73.6	4.9	4.9	3.5	4.8	7	7	821356	806816				
						1.0	0.1	260	28.7	7.9	7.9	26.9	26.9	73.6	73.6	4.9	4.9	3.5	6	6								
						4.5	0.0	92	28.4	7.9	7.9	27.2	27.2	72.3	72.3	4.8	4.8	4.4	7	7								
					Middle	4.5	0.0	100	28.4	7.9	7.9	27.2	27.2	72.3	72.3	4.8	4.8	4.4	6	6								
						7.9	0.1	108	28.4	8.0	8.0	27.4	27.4	72.5	72.5	4.8	4.8	6.6	9	8								
						7.9	0.1	110	28.4	8.0	8.0	27.3	27.3	72.5	72.5	4.8	4.8	6.5	8	8								
IM8	Fine	Moderate	12:02	8.3	Surface	1.0	0.0	185	28.7	28.7	7.9	7.9	27.0	27.0	73.9	73.9	4.9	4.9	6.8	8.2	3	4	821827	808163				
						1.0	0.0	188	28.7	7.9	7.9	27.0	27.0	73.9	73.9	4.9	4.9	6.9	4	4								
						4.2	0.1	142	28.4	8.0	8.0	27.4	27.4	73.1	73.1	4.9	4.9	8.0	4	4								
					Middle	4.2	0.1	147	28.4	8.0	8.0	27.4	27.4	73.0	73.1	4.9	4.9	8.3	3	4								
						7.3	0.2	72	28.2	8.0	8.0	27.8	27.8	71.6	71.7	4.8	4.8	9.6	5	4								
						7.3	0.2	78	28.2	8.0	8.0	27.8	27.8	71.7	71.7	4.8	4.8	9.5	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 21 September 21 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM9	Fine	Moderate	12:09	7.8	Surface	1.0	0.2	149	28.5	28.5	7.9	7.9	27.1	27.1	73.0	73.1	4.9	4.9	3.8	4	5	822107	808791	
						1.0	0.2	157	28.5	7.9	7.9	27.1	27.1	73.1	73.1	4.9	4.9	3.8	4					
						3.9	0.3	119	28.4	8.0	8.0	27.2	27.2	72.7	72.7	4.9	4.9	4.3	4					
					Middle	3.9	0.3	122	28.4	28.4	8.0	8.0	27.3	27.3	72.7	72.7	4.9	4.9	4.4	5				
						6.8	0.3	88	28.3	28.3	8.0	8.0	27.6	27.6	72.9	73.0	4.9	4.9	4.7	5				
						6.8	0.3	88	28.3	28.3	8.0	8.0	27.6	27.6	73.0	73.0	4.9	4.9	4.5	5				
					Bottom	1.0	0.6	100	29.2	29.2	8.0	8.0	27.1	27.1	78.9	78.9	5.2	5.2	4.1	14				
						1.0	0.7	106	29.2	29.2	8.0	8.0	27.1	27.1	78.8	78.9	5.2	5.2	4.2	13				
						4.2	0.5	105	28.2	28.2	8.0	8.0	27.7	27.7	71.9	71.9	4.8	4.8	5.7	15				
Middle	4.2	0.5	114	28.2	28.2	8.0	8.0	27.7	27.7	71.9	71.9	4.8	4.8	6.1	14									
	7.4	0.5	96	28.0	28.0	7.9	7.9	27.9	27.9	67.7	67.7	4.5	4.5	7.3	15									
	7.4	0.5	101	28.0	28.0	7.9	7.9	27.9	27.9	67.7	67.7	4.5	4.5	7.6	14									
IM10	Fine	Moderate	12:17	8.4	Surface	1.0	0.7	142	28.4	28.4	8.0	8.0	27.7	27.7	72.2	72.1	4.8	4.8	5.1	14	8	822042	811476	
						1.0	0.7	154	28.4	28.4	8.0	8.0	27.7	27.7	72.0	72.1	4.8	4.8	4.8	14				
						4.3	0.7	140	28.2	28.2	7.9	7.9	27.9	27.9	70.3	70.3	4.7	4.7	6.6	12				
					Middle	4.3	0.7	144	28.2	28.2	7.9	7.9	27.9	27.9	70.3	70.3	4.7	4.7	6.2	3				
						7.6	0.5	146	27.8	27.8	7.9	7.9	28.3	28.3	67.7	67.8	4.5	4.5	8.1	3				
						7.6	0.5	159	27.8	27.8	7.9	7.9	28.3	28.3	67.9	67.9	4.6	4.6	7.9	3				
					Bottom	1.0	0.5	95	28.5	28.5	7.9	7.9	27.3	27.3	73.0	73.0	4.9	4.9	3.9	12				
						1.0	0.5	100	28.5	28.5	7.9	7.9	27.3	27.3	73.0	73.0	4.9	4.9	4.0	13				
						5.0	0.4	116	28.5	28.5	7.9	7.9	27.3	27.3	72.9	72.9	4.9	4.9	4.8	9				
Middle	5.0	0.4	124	28.5	28.5	7.9	7.9	27.3	27.3	72.9	72.9	4.9	4.9	4.5	2									
	8.9	0.2	92	28.5	28.5	8.0	8.0	27.3	27.3	73.2	73.2	4.9	4.9	5.9	3									
	8.9	0.2	94	28.5	28.5	8.0	8.0	27.3	27.3	73.2	73.2	4.9	4.9	5.7	3									
SR1A	Rainy	Moderate	13:30	5.0	Surface	1.0	-	-	28.7	28.7	7.9	7.9	27.2	27.2	76.2	76.2	5.1	5.1	5.5	14	9	819982	812655	
						1.0	-	-	28.7	28.7	7.9	7.9	27.2	27.2	76.1	76.1	5.1	5.1	5.5	13				
						2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2				
					Middle	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						4.0	-	-	28.6	28.6	7.9	7.9	27.5	27.5	76.4	76.7	5.1	5.1	6.8	3				
						4.0	-	-	28.6	28.6	7.9	7.9	27.5	27.5	76.9	76.9	5.1	5.1	7.0	4				
					Bottom	1.0	0.6	52	28.4	28.4	8.0	8.0	27.7	27.7	73.5	73.5	4.9	4.9	4.6	3				
						1.0	0.6	54	28.4	28.4	8.0	8.0	27.7	27.7	73.5	73.5	4.9	4.9	5.1	3				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6				
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	3.5	0.5	47	28.4	28.4	8.0	8.0	27.7	27.7	73.6	73.6	4.9	4.9	6.3	2									
	3.5	0.5	51	28.4	28.4	8.0	8.0	27.7	27.7	73.6	73.6	4.9	4.9	6.4	3									
SR2	Cloudy	Rough	13:46	4.5	Surface	1.0	0.0	246	28.6	28.6	7.9	7.9	26.9	26.9	73.6	73.6	4.9	4.9	3.3	3	3	822148	807594	
						1.0	0.0	252	28.6	28.6	7.9	7.9	26.9	26.9	73.6	73.6	4.9	4.9	3.3	3				
						4.7	0.1	194	28.4	28.4	8.0	8.0	27.2	27.2	73.1	73.1	4.9	4.9	4.3	3				
					Middle	4.7	0.1	200	28.4	28.4	8.0	8.0	27.2	27.2	73.1	73.1	4.9	4.9	4.0	3				
						8.4	0.1	258	28.3	28.3	8.0	8.0	27.7	27.7	73.6	73.7	4.9	4.9	5.3	3				
						8.4	0.1	277	28.3	28.3	8.0	8.0	27.7	27.7	73.8	73.8	4.9	4.9	5.2	4				
					Bottom	1.0	0.1	79	28.4	28.4	8.0	8.0	27.7	27.7	74.0	74.0	4.9	4.9	3.0	6				
						1.0	0.1	79	28.4	28.4	8.0	8.0	27.7	27.7	73.9	73.9	4.9	4.9	3.0	6				
						4.8	0.2	62	28.4	28.4	8.0	8.0	27.7	27.7	73.1	73.1	4.9	4.9	5.0	6				
Middle	4.8	0.2	64	28.4	28.4	8.0	8.0	27.7	27.7	73.1	73.1	4.9	4.9	5.1	6									
	8.5	0.1	68	28.4	28.4	8.0	8.0	27.7	27.7	73.2	73.3	4.9	4.9	6.3	5									
	8.5	0.1	73	28.4	28.4	8.0	8.0	27.7	27.7	73.3	73.3	4.9	4.9	6.3	6									
SR4A	Fine	Calm	13:11	9.5	Surface	1.0	0.1	103	28.3	28.3	7.9	7.9	28.0	28.0	73.7	73.7	4.9	4.9	5.0	7	7	816588	810716	
						1.0	0.1	104	28.3	28.3	7.9	7.9	28.0	28.0	73.6	73.6	4.9	4.9	5.1	6				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						2.9	0.1	144	28.1	28.1	7.9	7.9	28.1	28.1	72.6	72.6	4.9	4.9	6.4	6				
						2.9	0.1	147	28.1	28.1	7.9	7.9	28.1	28.1	72.5	72.5	4.8	4.8	6.5	7				
					Bottom	1.0	0.0	18	28.2	28.2	7.9	7.9	28.0	28.0	74.8	74.8	5.0	5.0	4.7	6				
						1.0	0.0	19	28.2	28.2	7.9	7.9	28.0	28.0	74.8	74.8	5.0	5.0	4.9	7				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	3.5	0.1	249	28.2	28.2	7.9	7.9	28.0	28.0	75.0	75.1	5.0	5.0	6.4	7									
	3.5	0.1	272	28.2	28.2	7.9	7.9	28.0	28.0	75.1	75.1	5.0	5.0	6.1	6									
SR6A	Cloudy	Moderate	14:04	4.5	Surface	1.0	0.6	61	28.2	28.2	7.9	7.9	28.0	28.0	76.9	76.9	5.1	5.1	4.8	3	7	817952	814743	
						1.0	0.7	62	28.2	28.2	7.9	7.9	28.0	28.0	76.9	76.9	5.1	5.1	4.8	2				
						7.7	0.2	14	28.1	28.1	7.9	7.9	28.1	28.1	74.8	74.8	5.0	5.0	4.7	3				
					Middle	7.7	0.2	15	28.1	28.1	7.9	7.9	28.1	28.1	74.8	74.8	5.0	5.0	4.7	2				
						14.4	0.2	55	27.9	27.9	7.9	7.9	28.3	28.3	71.5	71.5	4.8	4.8	6.4	4				
						14.4	0.2	57	27.9	27.9	7.9	7.9	28.3	28.3	71.5	71.5	4.8	4.8	6.4	3				
					Bottom	1.0	-	-	29.1	29.1	7.9	7.9	27.4	27.4	78.1	78.1	5.2	5.2	5.3	4				
						1.0	-	-	29.1	29.1	7.9	7.9	27.4	27.4	78.0	78.0	5.2	5.2	5.4	4				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	3.9	-	-	28.6	28.6	8.0	8.0	27.5	27.5	75.4	75.5	5.0	5.0	6.2	3									
	3.9	-	-	28.6	28.6	8.0	8.0	27.5	27.5	75.6	75.6	5.0	5.0	6.1	2									
Bottom	1.0	-	-	29.1	29.1	7.9	7.9	27.4	27.4	78.1	78.1	5.2	5.2	5.3	4									
	1.0	-	-	29.1	29.1	7.9	7.9	27.4	27.4	78.0	78.0	5.2	5.2	5.4	4									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	3.9	-	-	28.6	28.6	8.0	8.0	27.5	27.5	75.4	75.5	5.0	5.0	6.2	3									
	3.9	-	-	28.6	28.6	8.0	8.0	27.5	27.5	75.6	75.6	5.0	5.0	6.1	2									
Bottom	1.0	-	-	29.1	29.1	7.9	7.9	27.4	27.4	78.1	78.1	5.2	5.2	5.3	4									
	1.0	-	-	29.1	29.1	7.9	7.9	27.4	27.4	78.0	78.0	5.2	5.2	5.4	4									
	-</																							

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

Water Quality Monitoring Results on 21 September 21 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA									
C1	Fine	Rough	06:40	8.0	Surface	1.0	0.5	28	28.4	28.4	7.9	7.9	27.6	27.6	70.3	70.3	4.7	4.7	2.1	7	9	815637	804227								
						1.0	0.5	28	28.4	28.4	7.9	7.9	27.6	27.6	70.3	70.3	4.7	4.7	2.2	8											
						4.0	0.5	23	28.4	28.4	7.9	7.9	27.7	27.7	70.1	70.1	4.7	4.7	3.6	8											
					Middle	4.0	0.6	23	28.4	28.4	7.9	7.9	27.7	27.7	70.1	70.1	4.7	4.7	3.4	7											
						7.0	0.5	38	28.4	28.4	7.9	7.9	27.7	27.7	69.8	69.8	4.7	4.7	6.5	7											
						7.0	0.5	38	28.4	28.4	7.9	7.9	27.7	27.7	69.8	69.8	4.7	4.7	6.3	16											
					C2	Fine	Moderate	08:28	12.6	Surface	1.0	0.3	350	28.6	28.6	8.0	8.0	27.2	27.2	73.7				73.6	4.9	4.9	2.7	3	5	825696	806938
											1.0	0.3	322	28.5	28.5	8.0	8.0	27.2	27.2	73.5				73.5	4.9	4.9	2.7	2			
											6.3	0.4	28	28.5	28.5	7.9	7.9	27.2	27.2	72.0				72.0	4.8	4.8	3.1	6			
Middle	6.3	0.4	29	28.5						28.5	7.9	7.9	27.2	27.2	71.9	71.9	4.8	4.8	3.3	6											
	11.6	0.4	346	28.5						28.5	7.9	7.9	27.2	27.2	71.4	71.4	4.8	4.8	4.7	6											
	11.6	0.4	318	28.4						28.4	7.9	7.9	27.2	27.2	71.4	71.4	4.8	4.8	5.0	6											
C3	Fine	Moderate	06:02	11.9						Surface	1.0	0.3	241	28.0	28.0	7.9	7.9	27.9	27.9	71.0	71.2	4.8	4.8	3.4	7	6	822120	817806			
											1.0	0.3	248	28.0	28.0	7.9	7.9	27.9	27.9	71.3	71.3	4.8	4.8	3.4	7						
											6.0	0.4	252	27.2	27.2	7.9	7.9	29.1	29.1	62.3	62.3	4.2	4.2	4.9	6						
					Middle	6.0	0.4	270	27.2	27.2	7.9	7.9	29.1	29.1	62.4	62.4	4.2	4.2	5.0	6											
						10.9	0.4	266	27.2	27.2	7.9	7.9	29.0	29.0	62.6	62.7	4.2	4.2	6.1	5											
						10.9	0.4	288	27.2	27.2	7.9	7.9	29.0	29.0	62.7	62.7	4.2	4.2	6.3	5											
					IM1	Fine	Moderate	07:02	5.3	Surface	1.0	0.2	2	28.3	28.3	7.9	7.9	27.6	27.6	70.8	70.8	4.7	4.7	3.8	20				20	817937	807148
											1.0	0.2	2	28.3	28.3	7.9	7.9	27.6	27.6	70.7	70.7	4.7	4.7	3.8	19						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-									
	4.3	0.2	15	28.1						28.1	7.9	7.9	27.9	27.9	68.4	68.5	4.6	4.6	6.2	21											
	4.3	0.2	15	28.1						28.1	7.9	7.9	27.9	27.9	68.5	68.5	4.6	4.6	5.8	20											
IM2	Fine	Moderate	07:07	7.1						Surface	1.0	0.4	7	28.2	28.2	7.9	7.9	27.7	27.7	70.1	70.0	4.7	4.7	2.6	22	21	818150	806158			
											1.0	0.4	7	28.2	28.2	7.9	7.9	27.7	27.7	69.9	69.9	4.7	4.7	2.6	21						
											3.6	0.3	359	28.2	28.2	7.9	7.9	27.7	27.7	69.4	69.4	4.6	4.6	4.5	21						
					Middle	3.6	0.3	330	28.2	28.2	7.9	7.9	27.7	27.7	69.4	69.4	4.6	4.6	4.5	22											
						6.1	0.2	343	28.2	28.2	7.9	7.9	27.7	27.7	69.4	69.4	4.6	4.6	7.5	20											
						6.1	0.2	316	28.2	28.2	7.9	7.9	27.7	27.7	69.4	69.4	4.6	4.6	7.7	19											
					IM3	Fine	Moderate	07:13	7.3	Surface	1.0	0.4	337	28.2	28.2	7.9	7.9	27.7	27.7	69.3	69.2	4.6	4.6	3.3	16				21	818762	805582
											1.0	0.5	310	28.2	28.2	7.9	7.9	27.7	27.7	69.1	69.1	4.6	4.6	3.3	17						
											3.7	0.5	341	28.0	28.0	7.9	7.9	27.9	27.9	67.8	67.8	4.5	4.5	5.9	20						
Middle	3.7	0.5	314	28.0						28.0	7.9	7.9	27.9	27.9	67.8	67.8	4.5	4.5	5.8	21											
	6.3	0.4	341	28.0						28.0	7.9	7.9	28.0	28.0	67.6	67.7	4.5	4.5	8.7	25											
	6.3	0.4	358	28.0						28.0	7.9	7.9	28.0	28.0	67.8	67.8	4.6	4.6	8.8	24											
IM4	Fine	Rough	07:20	8.4						Surface	1.0	0.9	350	28.5	28.6	7.9	7.9	27.1	27.1	72.8	72.8	4.9	4.9	3.1	21	12	819727	804605			
											1.0	0.9	322	28.6	28.6	7.9	7.9	27.1	27.1	72.8	72.8	4.9	4.9	3.1	21						
											4.2	0.8	351	28.2	28.2	7.9	7.9	27.7	27.7	68.7	68.7	4.6	4.6	4.3	9						
					Middle	4.2	0.9	352	28.2	28.2	7.9	7.9	27.8	27.8	68.6	68.6	4.6	4.6	4.8	8											
						7.4	0.8	356	28.2	28.2	7.9	7.9	27.8	27.8	68.0	68.0	4.6	4.6	6.3	8											
						7.4	0.8	356	28.2	28.2	7.9	7.9	27.8	27.8	68.0	68.0	4.6	4.6	6.3	7											
					IM5	Fine	Moderate	07:30	6.6	Surface	1.0	1.1	14	28.7	28.7	7.9	7.9	26.4	26.4	73.6	73.5	4.9	4.9	2.7	9				8	820741	804874
											1.0	1.2	14	28.7	28.7	7.9	7.9	26.4	26.4	73.3	73.3	4.9	4.9	2.8	10						
											3.3	1.0	16	28.6	28.6	7.9	7.9	26.7	26.7	72.1	72.2	4.8	4.8	4.3	8						
Middle	3.3	1.1	16	28.6						28.6	7.9	7.9	26.7	26.7	72.2	72.2	4.8	4.8	4.6	7											
	5.6	0.9	11	28.5						28.5	7.9	7.9	26.9	26.9	70.9	70.9	4.7	4.7	7.9	8											
	5.6	1.0	11	28.5						28.5	7.9	7.9	26.9	26.9	70.9	70.9	4.7	4.7	7.7	7											
IM6	Fine	Moderate	07:38	7.4						Surface	1.0	0.0	4	28.7	28.7	7.9	7.9	26.3	26.3	73.4	73.4	4.9	4.9	2.7	10	10	821042	805809			
											1.0	0.0	4	28.7	28.7	7.9	7.9	26.4	26.4	73.3	73.3	4.9	4.9	2.8	11						
											3.7	0.2	52	28.5	28.5	7.9	7.9	27.1	27.1	72.9	72.9	4.9	4.9	3.5	10						
					Middle	3.7	0.2	54	28.4	28.4	8.0	8.0	27.1	27.1	72.8	72.8	4.9	4.9	3.5	11											
						6.4	0.1	36	28.4	28.4	7.9	7.9	27.5	27.5	72.5	72.5	4.8	4.8	6.0	7											
						6.4	0.1	38	28.4	28.4	7.9	7.9	27.5	27.5	72.5	72.5	4.8	4.8	6.0	8											
					IM7	Fine	Moderate	07:46	8.7	Surface	1.0	0.1	238	28.5	28.5	8.0	8.0	26.6	26.6	73.4	73.3	4.9	4.9	2.5	8				7	821372	806844
											1.0	0.1	243	28.5	28.5	8.0	8.0	26.6	26.6	73.1	73.1	4.9	4.9	2.5	8						
											4.4	0.2	112	28.3	28.3	8.0	8.0	27.6	27.6	71.6	71.6	4.8	4.8	3.8	7						
Middle	4.4	0.2	117	28.3						28.3	8.0	8.0	27.6	27.6	71.6	71.6	4.8	4.8	3.8	8											
	7.7	0.1	73	28.3						28.3	8.0	8.0	27.6	27.6	71.7	71.7	4.8	4.8	6.2	6											
	7.7	0.1	73	28.3						28.3	8.0	8.0	27.6	27.6	71.7	71.7	4.8	4.8	6.2	5											
IM8	Fine	Moderate	07:59	8.6						Surface	1.0	0.2	74	28.7	28.7	7.9	7.9	26.3	26.3	73.8	73.9	4.9	4.9	2.4	24	23	821814	808153			
											1.0	0.2	77	28.7	28.7	7.9	7.9	26.3	26.3	73.9	73.9	4.9	4.9	2.4	23						
											4.3	0.1	72	28.5	28.5	7.9	7.9	26.7	26.7	73.0	73.0	4.9	4.9	3.3	24						
					Middle	4.3	0.1	76	28.5	28.5	7.9	7.9	26.7	26.7	73.0	73.0	4.9	4.9	3.2	23											
						7.6	0.1	105	28.4	28.4	8.0	8.0	27.4	27.4	72.9	73.0	4.9	4.9	4.1	22											
						7.6	0.1	113	28.4	28.4	8.0	8.0	27.4	27.4	73.0	73.0	4.9	4.9	4.5	21											

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

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

Water Quality Monitoring Results on 25 September 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	Rough	14:36	8.3	Surface	1.0	0.2	116	29.0	29.0	8.1	8.1	30.9	30.9	96.0	96.0	6.2	6.1	2.9	5	5	815616	804256	
						1.0	0.2	123	29.0	8.1	8.1	30.9	30.9	96.0	96.0	6.2	6.1	2.9	5					
						4.2	0.3	119	28.7	8.1	8.1	31.2	31.2	90.6	90.6	5.9	5.9	3.4	6					
					4.2	0.3	120	28.7	8.1	8.1	31.2	31.2	90.5	90.5	5.9	5.9	3.5	5						
					7.3	0.2	117	28.5	8.1	8.1	31.9	31.9	80.0	80.1	5.2	5.2	9.2	5						
					7.3	0.2	126	28.5	8.1	8.1	31.9	31.9	80.1	80.1	5.2	5.2	9.2	6						
C2	Fine	Calm	13:35	11.2	Surface	1.0	0.2	86	28.9	28.9	8.0	8.0	27.4	27.4	80.6	80.6	5.3	5.3	1.0	6	5	825659	806945	
						1.0	0.3	87	28.8	8.0	8.0	27.4	27.4	80.5	80.5	5.3	5.3	1.1	5					
						5.6	0.4	89	28.7	8.0	8.0	27.7	27.7	80.1	80.1	5.3	5.3	1.2	5					
					5.6	0.4	93	28.7	8.0	8.0	27.7	27.7	80.1	80.1	5.3	5.3	1.2	6						
					10.2	0.4	102	28.7	8.0	8.0	27.8	27.8	80.1	80.2	5.3	5.3	2.0	4						
					10.2	0.4	103	28.6	8.0	8.0	27.8	27.8	80.2	80.2	5.3	5.3	1.9	4						
C3	Fine	Calm	15:16	12.2	Surface	1.0	0.5	64	28.4	28.4	7.9	7.9	28.2	28.2	80.9	80.3	5.4	5.2	4.9	2	2	822087	817802	
						1.0	0.5	68	28.4	7.9	7.9	28.2	28.2	80.5	80.3	5.3	5.2	4.9	2					
						6.1	0.3	87	28.1	7.9	7.9	28.3	28.4	74.5	74.8	5.0	5.0	5.4	<2					
					6.1	0.3	93	28.0	7.9	7.9	28.4	28.4	75.1	74.8	5.0	5.0	5.5	<2						
					11.2	0.3	110	28.0	7.9	7.9	28.4	28.4	77.5	78.3	5.2	5.3	6.1	<2						
					11.2	0.3	115	28.1	8.0	8.0	28.4	28.4	79.1	78.3	5.3	5.3	6.1	<2						
IM1	Sunny	Rough	14:19	5.2	Surface	1.0	0.1	200	29.1	29.1	8.0	8.0	30.9	30.9	90.4	90.4	5.9	5.9	4.5	6	7	817935	807135	
						1.0	0.1	203	29.1	8.0	8.0	30.9	30.9	90.3	90.4	5.9	5.9	4.5	7					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					4.2	0.1	164	28.5	28.5	8.0	8.0	30.9	30.9	81.5	81.6	5.3	5.3	12.2	6					
					4.2	0.1	171	28.5	28.5	8.0	8.0	30.9	30.9	81.6	81.6	5.3	5.3	12.3	7					
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
IM2	Sunny	Rough	14:12	7.1	Surface	1.0	0.4	353	28.8	28.8	8.0	8.0	30.9	30.9	83.8	83.8	5.5	5.4	6.0	6	6	818145	806155	
						1.0	0.4	325	28.8	28.8	8.0	8.0	30.9	30.9	83.8	83.8	5.5	5.5	6.0	7				
						3.6	0.4	354	28.5	28.5	8.0	8.0	30.9	30.9	78.8	78.8	5.2	5.2	8.7	6				
					3.6	0.4	326	28.5	28.5	8.0	8.0	30.9	30.9	78.8	78.8	5.2	5.2	8.7	7					
					6.1	0.4	354	28.5	28.5	8.0	8.0	31.0	31.0	77.9	78.0	5.1	5.1	9.9	4					
					6.1	0.4	326	28.5	28.5	8.0	8.0	31.0	31.0	78.0	78.0	5.1	5.1	9.9	4					
IM3	Sunny	Rough	14:05	7.3	Surface	1.0	0.4	11	28.9	28.9	8.0	8.0	30.9	30.9	83.7	83.6	5.4	5.3	5.7	7	6	818800	805603	
						1.0	0.4	11	28.8	28.8	8.0	8.0	30.9	30.9	83.4	83.6	5.4	5.4	5.7	8				
						3.7	0.4	14	28.5	28.5	8.0	8.0	31.0	31.0	78.4	78.4	5.1	5.1	6.4	7				
					3.7	0.4	14	28.5	28.5	8.0	8.0	31.0	31.0	78.4	78.4	5.1	5.1	6.4	7					
					6.3	0.4	11	28.5	28.5	8.0	8.0	31.1	31.1	77.3	77.4	5.1	5.1	12.3	7					
					6.3	0.4	11	28.5	28.5	8.0	8.0	31.1	31.1	77.4	77.4	5.1	5.1	12.3	2					
IM4	Sunny	Rough	13:55	8.3	Surface	1.0	0.3	124	29.3	29.3	8.0	8.0	30.9	30.9	88.3	88.3	5.7	5.4	4.8	3	3	819748	804623	
						1.0	0.3	133	29.2	29.2	8.0	8.0	30.9	30.9	88.2	88.3	5.7	5.4	4.8	3				
						4.2	0.4	119	28.6	28.6	8.0	8.0	31.1	31.1	78.9	78.9	5.1	5.1	6.1	3				
					4.2	0.4	121	28.6	28.6	8.0	8.0	31.1	31.1	78.9	78.9	5.1	5.1	6.1	3					
					7.3	0.4	119	28.5	28.5	8.0	8.0	31.1	31.1	77.0	77.1	5.0	5.0	8.0	<2					
					7.3	0.4	119	28.5	28.5	8.0	8.0	31.1	31.1	77.1	77.1	5.0	5.0	8.0	<2					
IM5	Sunny	Rough	13:49	8.5	Surface	1.0	0.3	143	29.3	29.3	8.0	8.0	29.3	29.3	87.8	87.8	5.7	5.5	3.1	2	2	820748	804882	
						1.0	0.3	152	29.3	29.3	8.0	8.0	29.4	29.3	87.7	87.8	5.7	5.5	3.1	3				
						4.3	0.4	139	28.7	28.7	8.0	8.0	30.9	30.9	81.2	81.2	5.3	5.3	6.1	2				
					4.3	0.4	152	28.7	28.7	8.0	8.0	30.9	30.9	81.2	81.2	5.3	5.3	6.2	3					
					7.5	0.4	138	28.6	28.6	8.0	8.0	30.9	30.9	79.4	79.4	5.2	5.2	7.0	2					
					7.5	0.4	148	28.6	28.6	8.0	8.0	30.9	30.9	79.4	79.4	5.2	5.2	7.0	2					
IM6	Sunny	Rough	13:42	8.0	Surface	1.0	0.3	190	29.4	29.4	8.0	8.0	29.0	29.0	86.6	86.6	5.6	5.4	2.8	3	2	821053	805851	
						1.0	0.3	203	29.4	29.4	8.0	8.0	29.0	29.0	86.5	86.6	5.6	5.4	2.8	2				
						4.0	0.3	188	28.7	28.7	8.0	8.0	30.5	30.5	79.6	79.7	5.2	5.2	2.9	<2				
					4.0	0.3	196	28.7	28.7	8.0	8.0	30.5	30.5	79.7	79.7	5.2	5.2	2.9	<2					
					7.0	0.3	186	28.7	28.7	8.0	8.0	30.6	30.6	81.9	81.9	5.3	5.3	3.9	<2					
					7.0	0.3	190	28.7	28.7	8.0	8.0	30.6	30.6	81.9	81.9	5.3	5.3	3.9	<2					
IM7	Sunny	Rough	13:35	8.4	Surface	1.0	0.4	345	29.4	29.4	7.9	7.9	28.9	28.9	86.4	86.4	5.6	5.5	2.9	2	2	821330	806840	
						1.0	0.4	355	29.4	29.4	7.9	7.9	28.9	28.9	86.4	86.4	5.6	5.5	2.9	3				
						4.2	0.3	347	28.8	28.8	8.0	8.0	30.3	30.2	81.9	82.0	5.4	5.4	4.4	2				
					4.2	0.3	349	28.8	28.8	8.0	8.0	30.2	30.2	82.0	82.0	5.4	5.4	4.4	2					
					7.4	0.3	345	28.7	28.7	8.0	8.0	30.5	30.5	79.1	79.1	5.2	5.2	5.8	<2					
					7.4	0.3	317	28.7	28.7	8.0	8.0	30.5	30.5	79.1	79.1	5.2	5.2	5.8	<2					
IM8	Fine	Calm	13:51	8.2	Surface	1.0	0.3	92	28.8	28.8	8.0	8.0	27.4	27.4	82.7	82.9	5.5	5.6	1.0	3	3	821831	808134	
						1.0	0.4	97	28.8	28.8	8.0	8.0	27.4	27.4	83.1	83.1	5.5	5.6	1.0	4				
						4.1	0.3	92	28.8	28.8	8.0	8.0	27.5	27.5	83.6	83.7	5.6	5.6	1.8	3				
					4.1	0.3	93	28.8	28.8	8.0	8.0	27.5	27.5	83.8	83.8	5.6	5.6	1.8	3					
					7.2	0.3	90	28.8	28.9	7.9	7.9	27.4	27.3	85.1	85.5	5.6	5.7	2.0	3					
					7.2	0.3	97	28.9	28.9	7.9	7.9	27.2	27.3	85.8	85.5	5.7	5.7	2.0	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 25 September 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	14:02	7.6	Surface	1.0	0.5	114	28.6	28.6	8.0	8.0	27.6	27.7	80.0	80.1	5.3	5.4	3.5	4.5	4	3	822114	808807
						1.0	0.5	124	28.5	8.0	27.7	80.1	5.3	3.4	5									
						3.8	0.5	120	28.5	8.0	27.8	80.7	5.4	4.3	2									
					Middle	3.8	0.5	121	28.5	8.0	27.8	80.9	5.4	4.4	2									
						6.6	0.3	108	28.5	7.9	27.9	82.6	5.5	5.6	2									
						6.6	0.4	115	28.5	7.9	27.8	83.4	5.6	5.6	2									
IM10	Fine	Calm	14:11	6.8	Surface	1.0	0.4	107	28.8	28.8	7.9	7.9	27.1	27.1	81.4	81.5	5.4	5.5	3.2	4.3	<2	4	822395	809770
						1.0	0.5	115	28.8	7.9	27.1	81.6	5.4	3.1	5									
						3.4	0.5	111	28.8	7.9	27.2	82.3	5.5	4.4	5									
					Middle	3.4	0.5	117	28.8	7.9	27.2	82.7	5.5	4.3	5									
						5.8	0.4	113	28.8	7.9	27.2	83.7	5.6	5.3	5									
						5.8	0.4	115	28.8	7.9	27.1	84.5	5.6	5.3	4									
IM11	Fine	Calm	14:18	6.2	Surface	1.0	0.5	111	28.8	28.8	7.9	7.9	27.5	27.6	81.3	81.1	5.4	5.4	3.2	4.4	4	3	822037	811470
						1.0	0.5	121	28.8	7.9	27.6	80.9	5.4	3.2	3									
						3.1	0.3	109	28.7	7.9	27.7	80.2	5.3	5.0	3									
					Middle	3.1	0.4	113	28.7	7.9	27.7	79.8	5.3	4.9	3									
						5.2	0.3	111	28.7	7.9	27.7	84.0	5.6	5.0	3									
						5.2	0.3	114	28.8	7.9	27.6	85.2	5.6	5.1	2									
IM12	Fine	Calm	14:19	9.2	Surface	1.0	0.5	113	28.8	28.8	7.9	7.9	27.4	27.4	84.1	83.6	5.6	5.5	2.2	3.4	4	3	821477	812023
						1.0	0.5	114	28.8	7.9	27.5	83.1	5.5	2.3	3									
						4.6	0.4	110	28.7	7.9	27.7	77.8	5.2	3.6	3									
					Middle	4.6	0.4	111	28.7	7.9	27.6	77.3	5.1	3.6	4									
						8.2	0.3	111	28.8	7.9	27.6	78.8	5.2	4.3	3									
						8.2	0.3	115	28.9	7.9	27.5	81.0	5.4	4.3	3									
SR1A	Fine	Calm	14:47	4.8	Surface	1.0	-	-	29.1	29.1	8.0	8.0	27.5	27.5	86.4	86.6	5.7	5.7	2.0	2.3	3	3	819974	812656
						1.0	-	-	29.1	8.0	27.5	86.8	5.7	2.1	2									
						2.4	-	-	-	-	-	-	-	-	-	-								
					Middle	2.4	-	-	-	-	-	-	-	-	-									
						3.8	-	-	29.1	29.1	8.0	8.0	27.5	27.4	88.5	88.5	5.8	5.9	2.5	2.5	2			
						3.8	-	-	29.1	8.0	27.3	88.5	5.9	2.5	3									
SR2	Fine	Calm	15:00	4.0	Surface	1.0	0.4	93	29.4	29.4	8.0	8.0	27.5	27.4	84.6	84.7	5.6	5.6	1.1	1.3	3	3	821456	814154
						1.0	0.4	96	29.4	8.0	27.4	84.8	5.6	1.2	3									
						-	-	-	-	-	-	-	-	-	-	-								
					Middle	-	-	-	-	-	-	-	-	-	-									
						3.0	0.2	89	29.4	8.0	27.4	85.2	5.6	1.4	3									
						3.0	0.2	92	29.4	8.0	27.4	85.5	5.6	1.5	3									
SR3	Fine	Calm	13:45	9.4	Surface	1.0	0.2	168	28.7	28.7	7.9	7.9	26.8	26.8	78.5	78.7	5.2	5.3	1.5	2.1	6	4	822156	807593
						1.0	0.2	177	28.7	7.9	26.8	78.8	5.3	1.5	5									
						4.7	0.2	165	28.7	7.9	26.9	79.3	5.3	2.4	4									
					Middle	4.7	0.2	181	28.7	7.9	26.9	79.5	5.3	2.3	3									
						8.4	0.3	93	28.7	7.9	26.9	80.4	5.4	2.6	3									
						8.4	0.3	95	28.7	7.9	26.9	80.7	5.4	2.5	4									
SR4A	Sunny	Moderate	14:56	9.9	Surface	1.0	0.2	320	29.1	29.1	8.1	8.1	30.9	30.9	89.4	89.4	5.8	5.8	5.2	6.5	<2	2	817198	807819
						1.0	0.2	335	29.1	8.1	30.9	89.4	5.8	5.2	<2									
						5.0	0.2	327	28.7	8.0	30.9	82.8	5.4	6.6	3									
					Middle	5.0	0.2	346	28.7	8.0	30.9	82.7	5.4	6.7	2									
						8.9	0.2	318	28.5	8.0	30.9	80.4	5.3	7.6	3									
						8.9	0.2	328	28.5	8.0	30.9	80.5	5.3	7.6	2									
SR5A	Sunny	Moderate	15:12	4.0	Surface	1.0	0.1	60	29.3	29.3	8.0	8.0	30.5	30.5	86.2	86.2	5.6	5.6	6.6	7.2	3	3	816599	810676
						1.0	0.1	60	29.3	8.0	30.5	86.2	5.6	6.5	3									
						-	-	-	-	-	-	-	-	-	-	-								
					Middle	-	-	-	-	-	-	-	-	-	-									
						3.0	0.1	99	28.9	8.0	30.8	83.3	5.4	7.9	2									
						3.0	0.1	105	28.9	8.0	30.8	83.5	5.4	7.9	3									
SR6A	Sunny	Moderate	15:38	5.3	Surface	1.0	0.0	349	29.4	29.4	8.0	8.0	29.7	29.7	85.4	85.4	5.5	5.5	10.3	9.3	2	3	817981	814759
						1.0	0.0	354	29.4	8.0	29.7	85.3	5.5	10.3	3									
						-	-	-	-	-	-	-	-	-	-	-								
					Middle	-	-	-	-	-	-	-	-	-	-									
						4.3	0.1	308	29.0	8.0	29.8	78.8	5.1	8.2	4									
						4.3	0.1	317	29.0	8.0	29.8	78.9	5.2	8.2	3									
SR7	Fine	Calm	15:52	14.0	Surface	1.0	0.4	79	28.3	28.3	7.9	7.9	28.2	28.2	79.1	78.4	5.3	5.0	3.9	4.6	2	3	823634	823740
						1.0	0.4	85	28.3	7.9	28.2	77.6	5.2	3.8	2									
						7.0	0.2	90	28.4	7.9	28.2	71.3	4.7	4.5	2									
					Middle	7.0	0.2	96	28.4	7.9	28.1	71.2	4.7	4.6	2									
						13.0	0.3	74	28.7	7.9	28.0	72.8	4.8	5.2	3									
						13.0	0.3	80	28.8	7.9	28.0	74.4	4.9	5.3	4									
SR8	Fine	Calm	14:27	4.2	Surface	1.0	-	-	29.0	29.0	7.9	7.9	27.5	27.5	83.4	83.5	5.5	5.5	4.0	4.4	5	4	820368	811624
						1.0	-	-	29.0	7.9	27.5	83.5	5.5	3.9	<2									
						-	-	-	-	-	-	-	-	-	-	-								
					Middle	-	-	-	-	-	-	-	-	-	-									
						3.2	-	-	29.0	7.9	27.6	84.4	5.6	4.7	3									
						3.2	-	-	29.0	7.9	27.6	85.1	5.6	4.8	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 **28 September 21 during Mid-Flood Tide**

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA							
C1	Fine	Rough	16:52	8.4	Surface	1.0	0.4	24	30.2	30.2	7.9	7.9	28.0	28.0	103.7	103.7	6.7	6.5	3.2	3.8	3	3							
						1.0	0.4	26	30.2	7.9	7.9	28.0	28.0	6.7	6.5	3.3	3.8	2	3										
						4.2	0.5	44	29.8	29.8	7.9	7.9	28.8	28.8	95.7	95.7	6.2	5.5	3.9	3	3	3							
					Middle	4.2	0.5	46	29.8	29.8	7.9	7.9	28.8	28.8	95.7	95.7	6.2	5.5	3.9	3	2	3							
						7.4	0.2	46	29.2	29.2	7.9	7.9	29.2	29.1	83.9	84.0	5.5	5.5	4.4	4	4	3							
						7.4	0.3	49	29.2	29.2	7.9	7.9	29.1	29.1	84.0	84.0	5.5	5.5	4.2	4	3	3							
					C2	Fine	Moderate	15:41	11.5	Surface	1.0	0.3	350	30.2	30.2	7.6	7.6	25.5	25.6	95.2	95.0	6.2	6.2	3.3	4.7	5	4		
											1.0	0.3	322	30.1	30.1	7.6	7.6	25.6	25.6	94.7	94.7	6.2	6.2	3.3	4.7	4	4		
											5.8	0.4	28	29.3	29.3	7.6	7.6	28.1	28.1	79.6	79.6	5.2	5.2	4.7	4.8	4	4		
Middle	5.8	0.4	30	29.3						29.3	7.6	7.6	28.1	28.1	79.6	79.6	5.2	5.2	4.8	4.8	5	5							
	10.5	0.4	346	28.9						28.9	7.6	7.6	29.6	29.6	73.7	73.8	4.8	4.8	6.0	6.1	4	4							
	10.5	0.4	350	28.9						28.9	7.6	7.6	29.6	29.6	73.9	73.9	4.8	4.8	6.1	6.1	4	4							
C3	Fine	Moderate	17:50	11.5						Surface	1.0	0.3	241	29.8	29.8	7.6	7.6	28.7	28.7	95.9	95.9	6.2	6.2	2.9	3.7	3	3		
											1.0	0.3	243	29.8	29.8	7.6	7.6	30.1	30.1	95.8	95.8	6.2	6.2	2.9	3.7	3	3		
											5.8	0.4	252	28.9	28.9	7.6	7.6	30.1	30.1	79.9	79.9	5.2	5.2	2.9	2.9	4	4		
					Middle	5.8	0.4	270	28.9	28.9	7.6	7.6	30.1	30.1	79.9	79.9	5.2	5.2	2.9	2.9	4	4							
						10.5	0.4	266	28.6	28.6	7.6	7.6	30.4	30.4	75.4	75.5	4.9	4.9	5.4	5.4	4	4							
						10.5	0.4	273	28.6	28.6	7.6	7.6	30.4	30.4	75.5	75.5	4.9	4.9	5.4	5.4	4	4							
					IM1	Fine	Moderate	16:31	5.5	Surface	1.0	0.1	25	31.1	31.1	7.9	7.9	27.8	27.8	98.1	98.1	6.3	6.3	4.3	4.7	<2	<2		
											1.0	0.1	27	31.1	31.1	7.9	7.9	27.8	27.8	98.0	98.1	6.3	6.3	4.4	4.7	<2	<2		
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	4.5	0.2	259	29.3						29.3	7.9	7.9	28.8	28.8	90.1	90.1	5.9	5.9	5.1	5.1	4	4	4	4					
	4.5	0.2	261	29.3						29.3	7.9	7.9	28.8	28.8	90.1	90.1	5.9	5.9	5.1	5.1	3	3	3	3					
IM2	Fine	Moderate	16:22	7.5						Surface	1.0	0.3	357	30.4	30.4	8.0	8.0	25.0	25.0	104.7	104.7	6.9	6.9	3.2	4.0	<2	<2		
											1.0	0.3	328	30.3	30.3	8.0	8.0	25.0	25.0	104.6	104.6	6.9	6.9	3.3	4.0	<2	<2		
											3.8	0.3	1	29.3	29.3	7.9	7.9	28.9	28.9	89.6	89.7	5.9	5.9	4.2	4.2	2	2	3	3
					Middle	3.8	0.3	1	29.3	29.3	7.9	7.9	28.9	28.9	89.7	89.7	5.9	5.9	4.2	4.2	3	3	3	3					
						6.5	0.2	310	29.1	29.1	7.9	7.9	29.1	29.0	84.3	84.4	5.5	5.5	4.5	4.5	4	4	4	4					
						6.5	0.2	317	29.2	29.2	7.9	7.9	29.0	29.0	84.4	84.4	5.5	5.5	4.5	4.5	3	3	3	3					
					IM3	Fine	Moderate	16:14	7.8	Surface	1.0	0.6	5	30.3	30.3	8.0	8.0	25.7	25.7	104.2	104.2	6.8	6.8	3.1	3.3	2	2		
											1.0	0.6	5	30.3	30.3	8.0	8.0	25.8	25.8	104.2	104.2	6.8	6.8	3.1	3.3	2	2		
											3.9	0.5	342	29.9	29.9	7.9	7.9	28.2	28.2	97.9	97.9	6.3	6.3	3.1	3.3	<2	<2	2	2
Middle	3.9	0.5	349	29.9						29.9	7.9	7.9	28.2	28.2	97.8	97.8	6.3	6.3	3.2	3.2	<2	<2	2	2					
	6.8	0.4	330	29.4						29.4	7.9	7.9	29.0	29.0	88.8	88.9	5.8	5.8	3.7	3.7	<2	<2	2	2					
	6.8	0.4	304	29.4						29.4	7.9	7.9	29.0	29.0	88.9	88.9	5.8	5.8	3.6	3.6	<2	<2	2	2					
IM4	Fine	Rough	16:04	8.8						Surface	1.0	0.7	346	31.2	31.2	7.9	7.9	22.4	22.4	104.8	104.8	6.9	6.9	3.5	3.9	<2	<2		
											1.0	0.7	348	31.2	31.2	7.9	7.9	22.4	22.4	104.7	104.7	6.9	6.9	3.5	3.9	<2	<2		
											4.4	0.6	346	29.7	29.7	7.9	7.9	26.5	26.4	93.0	93.1	6.1	6.1	4.0	4.0	<2	<2	<2	<2
					Middle	4.4	0.6	318	29.7	29.7	7.9	7.9	26.4	26.4	93.1	93.1	6.1	6.1	4.0	4.0	<2	<2	<2	<2					
						7.8	0.5	347	29.4	29.5	7.9	7.9	28.7	28.7	86.8	86.7	5.7	5.7	4.4	4.4	<2	<2	<2	<2					
						7.8	0.5	347	29.5	29.5	7.9	7.9	28.7	28.7	86.6	86.6	5.6	5.6	4.4	4.4	<2	<2	<2	<2					
					IM5	Fine	Moderate	15:55	7.6	Surface	1.0	0.4	277	30.5	30.5	7.9	7.9	23.9	23.9	103.4	103.4	6.8	6.8	3.4	4.4	4	3		
											1.0	0.5	298	30.5	30.5	7.9	7.9	23.9	23.9	103.3	103.3	6.8	6.8	3.4	3.4	5	5	4	4
											3.8	0.2	269	29.9	29.9	7.9	7.9	25.7	25.7	94.3	94.3	6.2	6.2	4.7	4.7	3	3	3	3
Middle	3.8	0.3	286	29.9						29.9	7.9	7.9	25.8	25.8	94.3	94.3	6.2	6.2	4.7	4.7	4	4	4	4					
	6.6	0.1	49	29.5						29.5	7.9	7.9	27.2	27.2	88.2	88.3	5.8	5.8	5.1	5.1	2	2	2	2					
	6.6	0.1	52	29.5						29.5	7.9	7.9	27.3	27.2	88.3	88.3	5.8	5.8	5.1	5.1	2	2	2	2					
IM6	Fine	Moderate	15:46	8.1						Surface	1.0	0.2	255	30.6	30.6	7.9	7.9	23.7	23.7	102.0	101.9	6.7	6.7	3.3	4.3	3	3		
											1.0	0.3	261	30.6	30.6	7.9	7.9	23.7	23.7	101.7	101.7	6.7	6.7	3.3	3.3	2	2	2	2
											4.1	0.2	254	29.6	29.6	7.9	7.9	26.9	26.9	89.2	89.2	5.9	5.9	4.5	4.5	<2	<2	<2	<2
					Middle	4.1	0.2	272	29.6	29.6	7.9	7.9	26.9	26.9	89.1	89.1	5.9	5.9	4.5	4.5	<2	<2	<2	<2					
						7.1	0.1	283	29.5	29.6	7.9	7.9	27.4	27.4	85.1	85.2	5.6	5.6	5.2	5.2	<2	<2	<2	<2					
						7.1	0.1	283	29.6	29.6	7.9	7.9	27.4	27.4	85.2	85.2	5.6	5.6	5.1	5.1	<2	<2	<2	<2					
					IM7	Fine	Moderate	15:37	9.4	Surface	1.0	0.5	238	30.3	30.3	7.9	7.9	24.3	24.3	98.8	98.8	6.5	6.5	3.3	4.3	2	2		
											1.0	0.6	256	30.3	30.3	7.9	7.9	24.3	24.3	98.7	98.7	6.5	6.5	3.2	3.2	2	2	2	2
											4.7	0.5	263	29.5	29.5	7.9	7.9	27.3	27.3	84.8	84.8	5.6	5.6	4.3	4.3	<2	<2	<2	<2
Middle	4.7	0.5	274	29.5						29.5	7.9	7.9	27.3	27.3	84.7	84.7	5.6	5.6	4.6	4.6	<2	<2	<2	<2					
	8.4	0.3	258	29.5						29.5	7.9	7.9	27.6	27.6	83.9	84.0	5.5	5.5	5.3	5.3	<2	<2	<2	<2					
	8.4	0.3	264	29.5						29.5	7.9	7.9	27.6	27.6	84.1	84.1	5.5	5.5	5.2	5.2	<2	<2	<2	<2					
IM8	Fine	Moderate	16:07	7.9						Surface	1.0	0.1	258	30.3	30.3	7.6	7.6	24.7	24.7	97.3	97.2	6.4	6.4	3.4	4.8	3	3		
											1.0	0.2	281	30.3	30.3	7.6	7.6	24.8	24.8	97.1	97.1	6.4	6.4	3.4	3.4	3	3	3	3
											4.0	0.1	229	29.6	29.6	7.6	7.6	27.0	27.0	86.0	86.0	5.6	5.6	4.8	4.8	3	3	3	3
					Middle	4.0	0.1	235	29.6	29.6	7.6	7.6	27.0	27.0	85.9	86.0	5.6	5.6	4.8	4.8	3	3	3	3					
						6.9	0.2	199	29.4	29.4	7.6	7.6	27.5	27.5	84.1	84.2	5.5	5.5	6.0	6.0	2	2	2	2					
						6.9	0.2	212	29.4	29.4	7.6	7.6	27.5	27.5	84.2	84.2	5.5	5.5	6.0	6.0	2	2	2	2					

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

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

Water Quality Monitoring Results on 30 September 21 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C1	Fine	Moderate	07:45	8.0	Surface	1.0	2.6	230	28.9	28.9	8.0	8.0	28.0	28.0	98.5	98.5	6.5	6.3	3		2	815628	804263			
						1.0	2.7	252	28.9	28.9	8.0	8.0	28.0	28.0	98.4	6.5	2									
						4.0	2.5	231	28.8	28.8	7.9	7.9	28.4	28.4	86.6	5.7	6.1	6.3	<2							
					Middle	4.0	2.7	237	28.8	28.8	7.9	7.9	28.4	28.4	86.5	5.7	6.3	6.3	<2							
						7.0	2.4	232	28.8	28.8	8.0	8.0	28.7	28.7	80.7	5.3	5.3	7.7	<2							
						7.0	2.6	248	28.8	28.8	8.0	8.0	28.6	28.6	80.8	5.3	5.3	7.5	<2							
C2	Fine	Moderate	08:49	11.5	Surface	1.0	1.0	167	29.7	29.8	8.0	8.0	23.6	23.6	99.0	98.9	6.6	3.4	3		3	825667	806943			
						1.0	1.1	180	29.8	29.8	8.0	8.0	23.6	23.6	98.8	6.6	2									
						5.8	0.8	165	29.3	29.3	7.8	7.8	28.8	28.8	75.8	5.0	5.8	3.1	3							
					Middle	5.8	0.9	174	29.3	29.3	7.8	7.8	28.8	28.8	75.6	4.9	3.1	3.1	3							
						10.5	0.2	163	29.0	29.0	7.8	7.8	29.6	29.6	69.7	4.6	4.6	4.1	3							
						10.5	0.3	177	29.0	29.0	7.8	7.8	29.6	29.6	70.1	4.6	4.6	4.7	4							
C3	Fine	Moderate	06:20	12.3	Surface	1.0	0.3	33	29.9	29.9	7.9	7.9	27.4	27.4	93.7	93.7	6.1	2.5	<2		3	822132	817798			
						1.0	0.3	35	29.9	29.9	8.0	8.0	27.4	27.4	93.7	6.1	2	<2								
						6.2	0.2	68	29.7	29.7	7.8	7.8	28.3	28.3	88.9	5.8	6.0	2.4	2							
					Middle	6.2	0.2	69	29.7	29.7	7.8	7.8	28.3	28.3	88.7	5.8	2.4	2.4	3							
						11.3	0.2	78	28.9	28.9	7.7	7.7	30.7	30.7	67.7	4.4	4.4	5.1	5							
						11.3	0.3	78	28.9	28.9	7.7	7.7	30.7	30.7	67.8	4.4	4.4	5.0	5							
IM1	Fine	Moderate	08:05	4.9	Surface	1.0	0.8	83	29.3	29.3	7.9	7.9	28.3	28.3	99.5	99.6	6.5	6.8	4		3	817951	807138			
						1.0	0.8	84	29.3	29.3	7.9	7.9	28.3	28.3	99.6	6.5	6.8	3								
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
						3.9	0.4	84	29.0	29.0	7.9	7.9	28.5	28.5	82.3	5.4	5.4	8.0	<2							
						3.9	0.4	91	29.0	29.0	7.9	7.9	28.5	28.5	82.4	5.4	5.4	8.1	<2							
IM2	Fine	Moderate	08:13	7.5	Surface	1.0	2.2	296	29.2	29.2	7.9	7.9	26.7	26.8	102.5	102.5	6.8	6.0	3		2	818141	806167			
						1.0	2.3	325	29.2	29.2	8.0	8.0	26.8	26.8	102.5	6.8	6.0	2								
						3.8	2.8	294	28.9	28.9	8.0	8.0	28.4	28.4	83.6	5.5	6.2	7.0	<2							
					Middle	3.8	2.9	294	28.9	28.9	8.0	8.0	28.4	28.4	83.6	5.5	7.0	7.0	<2							
						6.5	3.1	292	28.8	28.8	8.0	8.0	28.6	28.6	83.4	5.5	5.5	6.8	<2							
						6.5	3.2	298	28.8	28.8	8.0	8.0	28.6	28.6	83.4	5.5	5.5	6.8	<2							
IM3	Fine	Moderate	08:22	7.8	Surface	1.0	0.2	203	29.2	29.2	7.9	7.9	27.0	27.0	94.5	94.7	6.2	6.4	<2		<2	818804	805613			
						1.0	0.2	203	29.2	29.2	7.9	7.9	27.0	27.0	94.8	6.2	6.4	<2								
						3.9	0.1	245	29.1	29.1	7.9	7.9	27.4	27.4	86.8	5.7	6.0	7.0	<2							
					Middle	3.9	0.1	259	29.1	29.1	7.9	7.9	27.4	27.4	86.7	5.7	6.9	6.9	<2							
						6.8	0.1	267	29.0	29.0	7.9	7.9	27.6	27.6	76.4	5.0	5.0	6.8	<2							
						6.8	0.1	275	29.0	29.0	7.9	7.9	27.6	27.6	76.4	5.0	5.0	6.7	<2							
IM4	Fine	Moderate	08:31	8.4	Surface	1.0	1.6	230	29.4	29.4	7.9	7.9	26.1	26.1	100.8	100.5	6.7	6.0	<2		3	819727	804623			
						1.0	1.6	250	29.3	29.3	7.9	7.9	26.1	26.1	100.2	6.6	6.1	<2								
						4.2	1.2	226	29.2	29.2	7.9	7.9	26.9	26.9	87.8	5.8	6.2	6.6	2							
					Middle	4.2	1.3	244	29.1	29.1	7.9	7.9	26.9	26.9	87.8	5.8	6.6	6.6	3							
						7.4	1.0	225	29.1	29.1	7.9	7.9	27.2	27.1	77.3	5.1	5.1	6.6	3							
						7.4	1.0	241	29.1	29.1	7.9	7.9	27.1	27.1	77.3	5.1	5.1	6.6	4							
IM5	Fine	Moderate	08:38	7.9	Surface	1.0	1.3	137	29.6	29.6	7.9	7.9	24.6	24.6	103.0	103.0	6.8	6.1	<2		2	820747	804848			
						1.0	1.3	143	29.5	29.5	7.9	7.9	24.7	24.7	103.0	6.8	6.1	<2								
						4.0	1.2	142	29.4	29.4	7.9	7.9	25.8	25.8	91.6	6.1	6.5	6.5	<2							
					Middle	4.0	1.2	148	29.4	29.4	7.9	7.9	25.8	25.8	91.6	6.1	6.5	6.5	<2							
						6.9	1.1	134	29.2	29.2	7.9	7.9	26.3	26.3	80.9	5.4	5.4	8.4	2							
						6.9	1.2	145	29.2	29.2	7.9	7.9	26.3	26.3	80.9	5.4	5.4	8.3	2							
IM6	Fine	Moderate	08:46	7.0	Surface	1.0	1.0	331	29.5	29.5	7.9	7.9	24.7	24.7	102.7	102.8	6.8	6.2	2		3	821058	805828			
						1.0	1.1	340	29.5	29.5	7.9	7.9	24.7	24.7	102.8	6.8	6.2	2								
						3.5	0.3	41	29.4	29.4	7.9	7.9	25.4	25.4	92.3	6.1	6.5	6.5	2							
					Middle	3.5	0.3	44	29.4	29.4	7.9	7.9	25.4	25.4	92.3	6.1	6.5	6.5	5							
						6.0	0.4	11	29.3	29.3	7.9	7.9	25.9	25.9	81.8	5.4	5.4	6.6	<2							
						6.0	0.5	11	29.3	29.3	7.9	7.9	25.9	25.9	81.8	5.4	5.4	6.6	<2							
IM7	Fine	Moderate	08:54	8.8	Surface	1.0	3.1	57	29.8	29.8	7.9	7.9	21.8	21.8	95.7	95.7	6.4	6.2	4		3	821358	806828			
						1.0	3.2	58	29.8	29.8	7.9	7.9	21.8	21.8	95.7	6.4	6.2	4								
						4.4	3.0	58	29.4	29.4	7.9	7.9	26.2	26.2	88.5	5.8	6.1	7.2	3							
					Middle	4.4	3.3	62	29.4	29.4	7.9	7.9	26.2	26.2	88.5	5.8	6.1	7.3	3							
						7.8	2.9	63	29.2	29.2	7.9	7.9	26.5	26.5	78.5	5.2	5.2	8.3	3							
						7.8	3.0	66	29.2	29.2	7.9	7.9	26.5	26.5	78.5	5.2	5.2	8.3	3							
IM8	Fine	Moderate	08:16	7.8	Surface	1.0	0.2	180	29.6	29.6	8.0	8.0	26.2	26.2	95.5	95.4	6.3	3.0	<2		2	821838	808162			
						1.0	0.3	190	29.6	29.6	8.0	8.0	26.3	26.2	95.3	6.3	5.9	3.1	<2							
						3.9	0.2	192	29.7	29.7	7.9	7.9	27.8	27.8	83.8	5.5	4.9	4.9	<2							
					Middle	3.9	0.2	205	29.7	29.7	7.9	7.9	27.9	27.8	83.6	5.5	5.1	5.1	<2							
						6.8	0.2	236	29.5	29.5	7.9	7.9	28.4	28.4	75.2	4.9	4.9	6.3	3							
						6.8	0.2	240	29.5	29.5	7.9	7.9	28.4	28.4	75.4	4.9	4.9	6.4	2							

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

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 Water Quality Monitoring

Water Quality Monitoring Results on 30 September 21 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA							
IM9	Fine	Moderate	08:08	7.2	Surface	1.0	0.2	125	<u>29.7</u>	29.7	8.0	8.0	<u>26.4</u>	26.4	<u>94.1</u>	94.1	6.2	6.1	2.8	4.4	2	2	822105	808828					
						1.0	0.2	129	<u>29.7</u>	29.7	8.0	8.0	<u>26.4</u>	26.4	<u>94.0</u>	94.0	6.2	6.1	2.8	4.4	3	2							
						3.6	0.3	119	<u>29.7</u>	29.7	7.9	7.9	<u>26.7</u>	26.7	<u>89.5</u>	89.4	5.9	6.1	3.0	4.4	<2	2							
						3.6	0.4	126	<u>29.7</u>	29.7	7.9	7.9	<u>26.7</u>	26.7	<u>89.3</u>	89.4	5.9	6.1	3.0	4.4	<2	2							
						6.2	0.2	87	<u>29.5</u>	29.5	7.9	7.9	<u>28.4</u>	28.4	<u>75.1</u>	75.2	4.9	4.9	7.4	4.9	<2	2							
						6.2	0.2	88	<u>29.5</u>	29.5	7.9	7.9	<u>28.4</u>	28.4	<u>75.3</u>	75.3	4.9	4.9	7.4	4.9	<2	2							
						1.0	0.6	138	<u>29.6</u>	29.6	8.0	8.0	<u>25.8</u>	25.8	<u>98.4</u>	98.3	6.5	6.1	2.6	5.9	<2	2							
						1.0	0.7	142	<u>29.6</u>	29.6	8.0	8.0	<u>25.8</u>	25.8	<u>98.1</u>	98.3	6.5	6.1	2.6	5.9	<2	2							
IM10	Fine	Moderate	07:57	8.0	Surface	4.0	0.6	141	<u>29.7</u>	29.7	7.9	7.9	<u>27.3</u>	27.3	<u>85.9</u>	85.7	5.6	6.1	3.2	5.9	2	2	822400	809788					
						4.0	0.7	147	<u>29.7</u>	29.7	7.9	7.9	<u>27.4</u>	27.4	<u>85.5</u>	85.7	5.6	6.1	3.2	5.9	2	2							
						7.0	0.5	122	<u>29.6</u>	29.6	7.9	7.9	<u>28.0</u>	28.0	<u>78.7</u>	78.8	5.1	5.1	11.6	6.1	6	2							
						7.0	0.5	129	<u>29.6</u>	29.6	7.9	7.9	<u>28.0</u>	28.0	<u>78.8</u>	78.8	5.1	5.1	11.8	6.1	6	2							
						1.0	0.8	111	<u>29.6</u>	29.6	8.0	8.0	<u>26.2</u>	26.2	<u>94.8</u>	94.7	6.3	6.1	2.7	6.1	<2	2							
						1.0	0.8	117	<u>29.6</u>	29.6	8.0	8.0	<u>26.2</u>	26.2	<u>94.5</u>	94.7	6.3	6.1	2.7	6.1	<2	2							
						3.9	0.7	110	<u>29.7</u>	29.7	7.9	7.8	<u>27.7</u>	27.7	<u>81.5</u>	81.5	5.3	5.8	3.8	4.6	<2	2							
						3.9	0.7	120	<u>29.7</u>	29.7	7.8	7.8	<u>27.7</u>	27.7	<u>81.5</u>	81.5	5.3	5.8	3.9	4.6	<2	2							
IM11	Fine	Moderate	07:42	7.8	Surface	6.8	0.4	98	<u>29.1</u>	29.1	7.8	7.8	<u>29.2</u>	29.2	<u>67.4</u>	67.5	4.4	4.4	7.3	4.4	2	2	822042	811464					
						6.8	0.4	107	<u>29.1</u>	29.1	7.8	7.8	<u>29.2</u>	29.2	<u>67.5</u>	67.5	4.4	4.4	7.3	4.4	2	2							
						1.0	0.6	106	<u>29.7</u>	29.7	7.9	7.9	<u>26.0</u>	26.0	<u>95.9</u>	95.9	6.3	6.1	2.5	6.1	<2	2							
						1.0	0.6	112	<u>29.7</u>	29.7	7.9	7.9	<u>26.0</u>	26.0	<u>95.8</u>	95.9	6.3	6.1	2.5	6.1	<2	2							
						4.5	0.5	96	<u>29.9</u>	29.9	7.9	7.9	<u>27.1</u>	27.1	<u>89.0</u>	88.9	5.8	6.1	2.7	6.1	2	2							
						4.5	0.6	101	<u>29.9</u>	29.9	7.9	7.9	<u>27.1</u>	27.1	<u>88.8</u>	88.9	5.8	6.1	2.7	6.1	2	2							
						8.0	0.3	83	<u>29.5</u>	29.5	7.9	7.9	<u>28.0</u>	28.0	<u>76.9</u>	77.1	5.0	5.1	4.9	5.1	3	2							
						8.0	0.3	85	<u>29.5</u>	29.5	7.9	7.9	<u>28.0</u>	28.0	<u>77.3</u>	77.1	5.1	5.1	4.8	5.1	2	2							
SR1A	Fine	Moderate	07:11	5.6	Surface	1.0	-	-	<u>29.9</u>	29.9	7.9	7.9	<u>25.6</u>	25.6	<u>91.8</u>	91.8	6.0	6.0	2.7	6.0	2	2	819976	812657					
						1.0	-	-	<u>29.9</u>	29.9	7.9	7.9	<u>25.6</u>	25.6	<u>91.7</u>	91.8	6.0	6.0	2.9	6.0	2	2							
						2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3	3	
						2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3	3	
						4.6	-	-	<u>29.6</u>	29.6	7.9	7.9	<u>28.1</u>	28.1	<u>79.6</u>	79.8	5.2	5.2	4.5	5.2	3	5.2			3	4	3	4	
						4.6	-	-	<u>29.6</u>	29.6	7.9	7.9	<u>28.1</u>	28.1	<u>80.0</u>	79.8	5.2	5.2	4.5	5.2	3	5.2			3	4	3	4	
						1.0	0.6	87	<u>29.7</u>	29.7	7.9	7.9	<u>25.1</u>	25.1	<u>97.3</u>	97.2	6.4	6.4	2.4	6.4	2	6.4			2	2			
						1.0	0.6	90	<u>29.7</u>	29.7	7.9	7.9	<u>25.1</u>	25.1	<u>97.1</u>	97.2	6.4	6.4	2.4	6.4	2	6.4			2	2			
SR2	Fine	Moderate	06:45	5.6	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	821462	814145			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			2	2	
						4.6	0.4	79	<u>29.6</u>	29.6	7.9	7.9	<u>27.7</u>	27.7	<u>85.1</u>	85.2	5.6	5.6	5.8	5.6	3	5.8	3	2					
						4.6	0.4	83	<u>29.6</u>	29.6	7.9	7.9	<u>27.7</u>	27.7	<u>85.3</u>	85.2	5.6	5.6	5.8	5.6	3	5.8	3	2					
						1.0	0.4	202	<u>29.7</u>	29.7	7.9	7.9	<u>26.4</u>	26.5	<u>94.2</u>	94.1	6.2	5.9	2.8	6.3	<2	4.2	<2	2			2	822124	807553
						1.0	0.4	220	<u>29.7</u>	29.7	7.9	7.9	<u>26.5</u>	26.5	<u>94.0</u>	94.1	6.2	5.9	2.8	6.3	<2	4.2	<2	2			2		
						4.8	0.3	205	<u>29.7</u>	29.7	7.9	7.9	<u>27.5</u>	27.5	<u>85.4</u>	85.3	5.6	6.3	3.2	6.3	<2	4.2	<2	2			2		
						4.8	0.3	207	<u>29.7</u>	29.7	7.9	7.9	<u>27.5</u>	27.5	<u>85.1</u>	85.3	5.6	6.3	3.2	6.3	<2	4.2	<2	2			2		
8.5	0.1	299	<u>29.2</u>	29.3	7.8	7.8	<u>28.9</u>	28.8	<u>71.4</u>	71.5	4.7	4.7	6.6	4.7	2	6.4	2	2											
8.5	0.1	327	<u>29.3</u>	29.3	7.8	7.8	<u>28.8</u>	28.8	<u>71.6</u>	71.5	4.7	4.7	6.4	4.7	2	6.4	2	2											
1.0	0.9	120	<u>29.0</u>	29.0	8.0	8.0	<u>27.6</u>	27.6	<u>102.9</u>	102.9	6.8	6.1	7.6	8.4	5	7.6	4	4											
1.0	1.0	130	<u>29.0</u>	29.0	8.0	8.0	<u>27.6</u>	27.6	<u>102.8</u>	102.9	6.8	6.1	7.6	8.4	4	7.6	4	4											
SR4A	Fine	Moderate	07:21	9.2	Surface	4.6	0.7	115	<u>28.8</u>	28.8	8.0	8.0	<u>28.6</u>	28.6	<u>82.9</u>	82.8	5.5	6.3	8.7	8.4	3	4	817198	807826					
						4.6	0.7	118	<u>28.8</u>	28.8	8.0	8.0	<u>28.6</u>	28.6	<u>82.7</u>	82.8	5.4	6.3	8.7	8.4	3	4							
						8.2	0.8	118	<u>28.9</u>	28.9	8.0	8.0	<u>28.7</u>	28.7	<u>83.3</u>	83.3	5.5	5.5	8.9	5.5	3	8.9			3	2			
						8.2	0.8	120	<u>28.9</u>	28.9	8.0	8.0	<u>28.7</u>	28.7	<u>83.3</u>	83.3	5.5	5.5	8.9	5.5	3	8.9			3	2			
						1.0	0.0	327	<u>28.7</u>	28.7	7.9	7.9	<u>28.8</u>	28.8	<u>96.4</u>	96.4	6.3	6.3	6.3	6.3	4	6.3			4	4			
						1.0	0.0	348	<u>28.7</u>	28.7	7.9	7.9	<u>28.8</u>	28.8	<u>96.4</u>	96.4	6.3	6.3	6.3	6.3	4	6.3			4	4			
						2.8	0.1	97	<u>28.6</u>	28.6	7.9	7.9	<u>29.0</u>	29.0	<u>82.4</u>	82.4	5.4	5.4	6.4	5.4	3	6.4			3	4			
						2.8	0.1	99	<u>28.6</u>	28.6	7.9	7.9	<u>29.0</u>	29.0	<u>82.4</u>	82.4	5.4	5.4	6.5	5.4	4	6.5			4	4			
SR6A	Fine	Moderate	06:25	4.2	Surface	1.0	0.1	21	<u>28.5</u>	28.5	7.9	7.9	<u>29.2</u>	29.2	<u>95.8</u>	95.8	6.3	6.3	5.9	6.3	2	5.9	817951	814721					
						1.0	0.1	21	<u>28.5</u>	28.5	8.0	8.0	<u>29.2</u>	29.2	<u>95.8</u>	95.8	6.3	6.3	5.9	6.3	3	5.9							
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	5	5	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	5	5	
						3.2	0.1	178	<u>28.4</u>	28.4	8.0	8.0	<u>29.3</u>	29.3	<u>85.6</u>	85.6	5.6	5.6	6.0	5.6	5	6.0			5	5			
						3.2	0.1	184	<u>28.4</u>	28.4	8.0	8.0	<u>29.3</u>	29.3	<u>85.6</u>	85.6	5.6	5.6	6.0	5.6	5	6.0			5	5			
						1.0	0.4	62	<u>30.0</u>	30.0	7.7	7.7	<u>27.1</u>	27.1	<u>100.6</u>	100.6	6.6	6.4	2.3	6.4	<2	3.2			<2	3	3	823625	823761
						1.0	0.4	66	<u>30.0</u>	30.0	7.7	7.7	<u>27.1</u>	27.1	<u>100.5</u>	100.6	6.5	6.4	2.3	6.4	<2	3.2			<2	3	3		
7.7	0.2	51	<u>29.8</u>	29.8	7.7	7.7	<u>27.5</u>	27.5	<u>97.2</u>	97.2	6.3	6.3	2.3	6.3	2	6.3	2	2											
7.7	0.2	52	<u>29.8</u>	29.8	7.7	7.7	<u>27.5</u>	27.5	<u>97.1</u>	97.2	6.3	6.3	2.3	6.3	2	6.3	2	2											
14.3	0.2	12	<u>28.8</u>	28.8	7.7	7.7	<u>31.3</u>	31.3	<u>70.0</u>	70.1	4.5	4.6	4.7	4.6	3	4.7	3	3											
14.3	0.2	12	<u>28.8</u>	28.8	7.7	7.7	<u>31.3</u>	31.3	<u>70.1</u>	70.1	4.6	4.6	5.0	4.6	3	5.0	3	3											
1.0	-	-	<u>30.0</u>	30.0	7.9	7.9	<u>26.1</u>	26.2	<u>90.0</u>	89.8	5.9	5.9	3.2	5.9	<2	3.3	<2	3	3	820408	811644								
1.0	-	-	<u>29.9</u>	-	7.9	7.9	<u>26.2</u>	26.2	<u>89.5</u>	89.8	5.9	5.9	3.3	5.9	<2	3.3	<2	3	3										
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			2	2						
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			2	2						
3.0	-	-	<u>29.8</u>	29.8	7.9	7.9	<u>26.4</u>	26.4	<u>88.6</u>	88.7	5.8	5.8	3.5	5.8	2	3.5	2	3											

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

Water Quality Monitoring Results on 30 September 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	19:52	8.0	Surface	1.0	0.3	41	30.2	30.2	8.0	8.0	28.0	28.0	105.2	105.2	6.8	6.8	6.1	2						
						1.0	0.3	41	30.2	30.2	8.0	8.0	28.0	28.0	105.2	105.2	6.8	6.8	6.1	3						
						4.0	0.3	37	29.8	29.8	8.0	8.0	28.8	28.8	95.7	95.7	6.2	6.2	6.8	2						
					4.0	0.4	38	29.8	29.8	8.0	8.0	28.8	28.8	95.7	95.7	6.2	6.2	6.8	3							
					Bottom	7.0	0.3	28	29.2	29.2	8.0	8.0	29.2	29.2	83.9	84.0	5.4	5.4	7.3	2						
						7.0	0.3	28	29.2	29.2	8.0	8.0	29.1	29.1	84.0	84.0	5.4	5.4	7.1	3						
C2	Fine	Moderate	18:31	10.2		Surface	1.0	0.2	210	30.4	30.4	7.9	7.9	22.1	22.1	106.6	106.6	7.1	7.1	3.4	3					
					1.0		0.2	223	30.4	30.4	7.9	7.9	22.1	22.1	106.5	106.5	7.1	7.1	3.4	3						
					5.1		0.2	321	29.5	29.5	7.8	7.8	27.4	27.4	83.7	83.6	5.5	5.5	3.7	3						
					5.1	0.2	324	29.5	29.5	7.8	7.8	27.7	27.7	83.4	83.6	5.5	5.5	3.7	3							
					Bottom	9.2	0.3	338	29.3	29.3	7.8	7.8	28.7	28.7	76.0	76.0	5.0	5.0	4.3	3						
						9.2	0.3	354	29.3	29.3	7.8	7.8	28.7	28.7	76.0	76.0	5.0	5.0	4.2	2						
C3	Fine	Moderate	20:45	11.2		Surface	1.0	0.6	249	30.2	30.2	8.0	8.0	27.0	26.9	109.1	109.0	7.1	7.1	2.7	2					
					1.0		0.6	253	30.1	30.1	8.0	8.0	27.0	26.9	108.9	108.9	7.1	7.1	2.8	2						
					5.6		0.5	249	29.5	29.5	7.8	7.8	28.4	28.5	86.0	86.3	5.6	5.6	3.2	2						
					5.6	0.5	263	29.5	29.5	7.8	7.8	28.5	28.5	86.5	86.3	5.6	5.6	3.4	2							
					Bottom	10.2	0.4	261	29.3	29.3	7.8	7.8	29.3	29.2	80.4	80.6	5.2	5.3	3.9	3						
						10.2	0.4	276	29.3	29.3	7.8	7.8	29.2	29.2	80.8	80.6	5.3	5.3	3.9	3						
IM1	Cloudy	Moderate	19:31	5.3		Surface	1.0	0.2	346	31.1	31.1	8.0	8.0	27.8	27.8	108.8	108.8	6.9	6.9	7.2	2					
					1.0		0.2	351	31.1	31.1	8.0	8.0	27.8	27.8	108.8	108.8	6.9	6.9	7.2	2						
					-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					Bottom	4.3	0.2	276	29.3	29.3	8.0	8.0	28.8	28.8	90.1	90.1	5.8	5.8	7.9	3						
						4.3	0.2	284	29.3	29.3	8.0	8.0	28.8	28.8	90.1	90.1	5.8	5.8	7.9	3						
						IM2	Cloudy	Moderate	19:22	6.6	Surface	1.0	0.2	350	30.4	30.4	8.0	8.0	25.0	25.0	104.7	104.7	6.8	6.8	6.1	2
1.0	0.3	322	30.3	30.3	8.0							8.0	25.0	25.0	104.6	104.6	6.8	6.8	6.1	2						
3.3	0.3	12	29.3	29.3	7.9							7.9	28.9	28.9	89.6	89.7	5.8	5.8	7.0	2						
3.3	0.3	12	29.3	29.3	7.9						7.9	28.9	28.9	89.7	89.7	5.8	5.8	7.0	2							
Bottom	5.6	0.1	32	29.1	29.1						8.0	8.0	29.1	29.0	80.4	80.4	5.2	5.2	7.4	3						
	5.6	0.1	34	29.2	29.2						8.0	8.0	29.0	29.0	80.4	80.4	5.2	5.2	7.3	3						
	IM3	Cloudy	Moderate	19:14	7.2	Surface	1.0	0.4	333	30.3	30.3	8.0	8.0	25.7	25.7	104.2	104.2	6.8	6.8	5.9	3					
1.0							0.5	358	30.3	30.3	8.0	8.0	25.8	25.7	104.2	104.2	6.8	6.8	5.9	3						
3.6							0.3	328	29.9	29.9	8.0	8.0	28.2	28.2	97.9	97.9	6.3	6.3	5.9	3						
3.6						0.4	345	29.9	29.9	8.0	8.0	28.2	28.2	97.8	97.8	6.3	6.3	6.0	3							
Bottom						6.2	0.3	304	29.4	29.4	8.0	8.0	29.0	29.0	78.9	78.9	5.1	5.1	6.5	3						
						6.2	0.3	311	29.4	29.4	8.0	8.0	29.0	29.0	78.9	78.9	5.1	5.1	6.5	3						
	IM4	Cloudy	Moderate	19:04	8.2	Surface	1.0	0.4	342	31.2	31.2	8.0	8.0	22.4	22.4	104.8	104.8	6.8	6.8	6.3	3					
1.0							0.4	346	31.2	31.2	8.0	8.0	22.4	22.4	104.7	104.7	6.8	6.8	6.3	3						
4.1							0.4	355	29.7	29.7	8.0	8.0	26.5	26.4	93.0	93.1	6.1	6.1	6.8	3						
4.1						0.4	327	29.7	29.7	8.0	8.0	26.4	26.4	93.1	93.1	6.1	6.1	6.8	3							
Bottom						7.2	0.3	321	29.4	29.4	8.0	8.0	28.7	28.7	79.8	79.8	5.2	5.2	7.3	3						
						7.2	0.3	324	29.5	29.5	8.0	8.0	28.7	28.7	79.8	79.8	5.2	5.2	7.2	3						
	IM5	Cloudy	Moderate	18:55	7.4	Surface	1.0	0.3	329	30.5	30.5	8.0	8.0	23.9	23.9	110.4	110.3	7.2	7.2	6.2	3					
1.0							0.4	359	30.5	30.5	8.0	8.0	23.9	23.9	110.2	110.2	7.2	7.2	6.2	3						
3.7							0.6	359	29.9	29.9	8.0	8.0	25.7	25.7	94.3	94.3	6.2	6.2	7.5	3						
3.7						0.6	330	29.9	29.9	8.0	8.0	25.8	25.7	94.3	94.3	6.2	6.2	7.6	2							
Bottom						6.4	0.4	355	29.5	29.5	8.0	8.0	27.2	27.2	88.2	88.3	5.8	5.8	7.9	3						
						6.4	0.4	337	29.5	29.5	8.0	8.0	27.3	27.2	88.3	88.3	5.8	5.8	7.9	3						
	IM6	Cloudy	Moderate	18:46	7.4	Surface	1.0	0.3	289	30.6	30.6	8.0	8.0	23.7	23.7	105.2	105.2	6.9	6.9	6.2	4					
1.0							0.3	301	30.6	30.6	8.0	8.0	23.7	23.7	105.2	105.2	6.9	6.9	6.2	3						
3.7							0.2	263	29.6	29.6	7.9	7.9	26.9	26.9	89.2	89.2	5.8	5.8	7.3	4						
3.7						0.2	263	29.6	29.6	7.9	7.9	26.9	26.9	89.1	89.1	5.8	5.8	7.4	3							
Bottom						6.4	0.1	11	29.5	29.5	8.0	8.0	27.4	27.4	85.1	85.2	5.5	5.5	8.0	4						
						6.4	0.1	11	29.6	29.6	8.0	8.0	27.4	27.4	85.2	85.2	5.5	5.5	7.9	3						
	IM7	Cloudy	Moderate	18:37	9.0	Surface	1.0	0.2	235	30.3	30.3	8.0	8.0	24.3	24.3	108.8	108.6	7.1	7.1	6.1	2					
1.0							0.2	241	30.3	30.3	8.0	8.0	24.3	24.3	108.4	108.4	7.1	7.1	6.1	3						
4.5							0.2	260	29.5	29.5	7.9	7.9	27.3	27.3	84.8	84.8	5.5	5.5	7.2	2						
4.5						0.3	278	29.5	29.5	7.9	7.9	27.3	27.3	84.7	84.7	5.5	5.5	7.4	2							
Bottom						8.0	0.2	246	29.5	29.5	8.0	8.0	27.6	27.6	74.9	74.5	4.9	4.9	8.2	2						
						8.0	0.2	262	29.5	29.5	8.0	8.0	27.6	27.6	74.1	74.1	4.8	4.8	8.1	2						
	IM8	Fine	Moderate	19:00	7.1	Surface	1.0	0.1	193	30.6	30.6	8.0	8.0	23.5	23.5	113.0	113.0	7.4	7.4	3.6	3					
1.0							0.1	207	30.5	30.5	8.0	8.0	23.6	23.5	112.9	112.9	7.4	7.4	3.7	2						
3.6							0.0	105	30.2	30.2	8.0	8.0	24.5	24.5	107.5	107.4	7.1	7.1	4.8	3						
3.6						0.0	108	30.2	30.2	8.0	8.0	24.5	24.5	107.3	107.3	7.1	7.1	4.8	2							
Bottom						6.1	0.1	58	30.2	30.2	8.0	8.0	24.8	24.8	106.5	106.7	7.0	7.0	5.7	3						
						6.1	0.1	60	30.2	30.2	8.0	8.0	24.8	24.8	106.9	106.7	7.0	7.0	5.7	4						

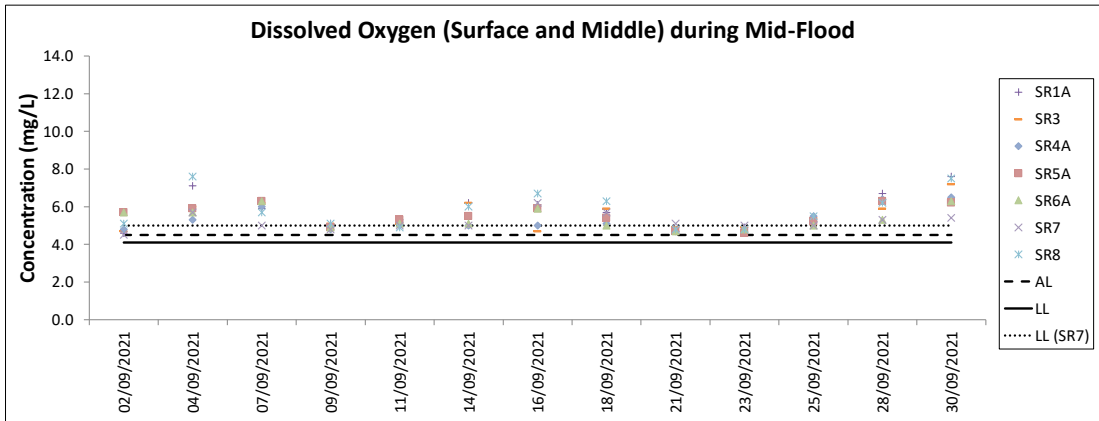
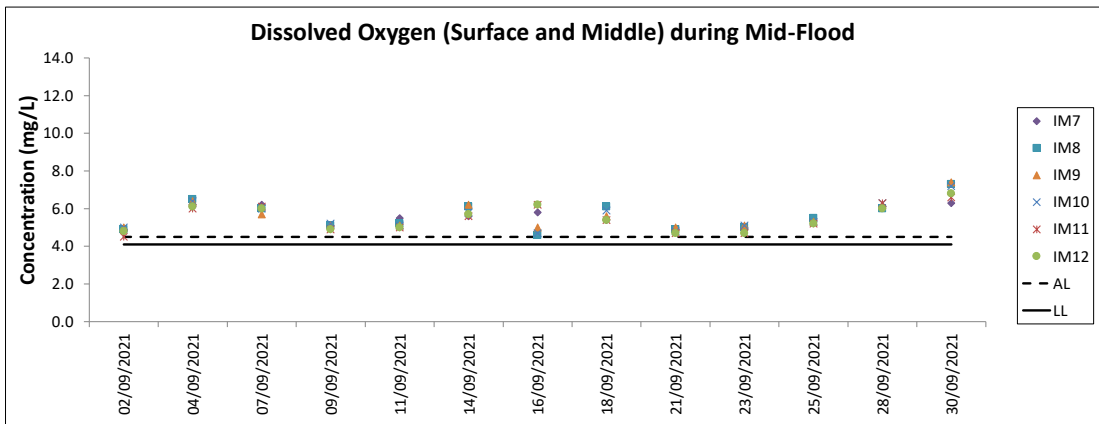
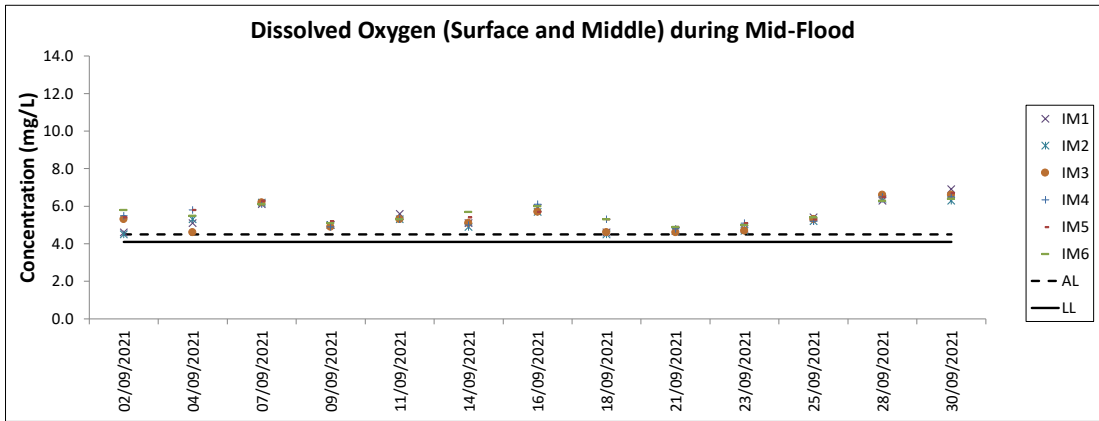
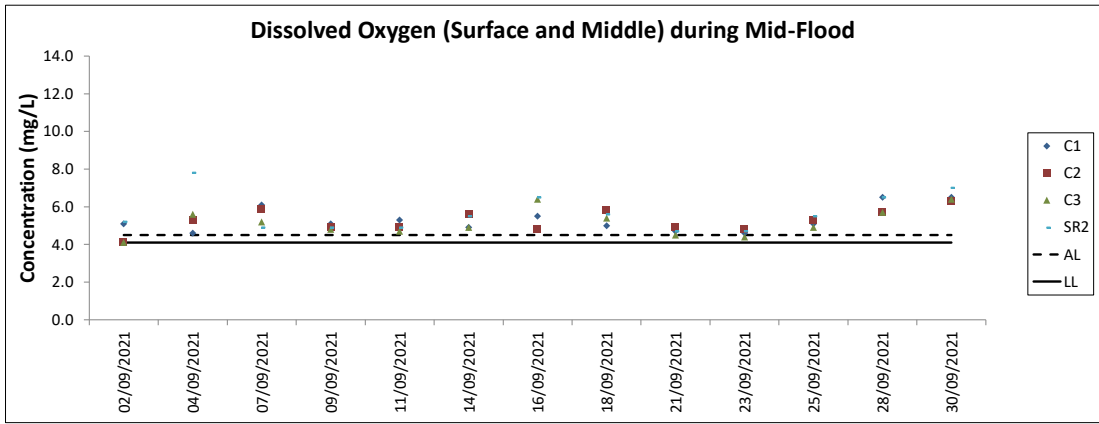
DA: Depth-Averaged
Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
Value exceeding Action Level is underlined; Value exceeding Limit Level is **bolded and underlined</**

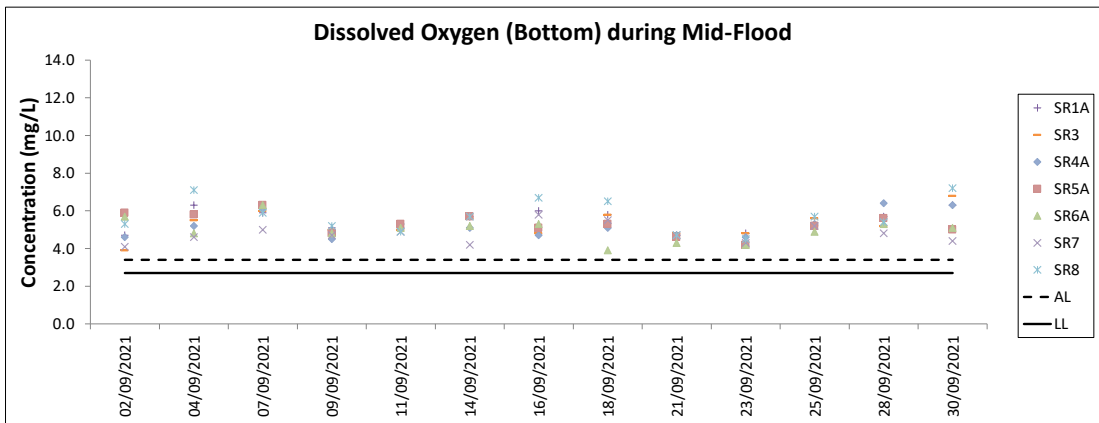
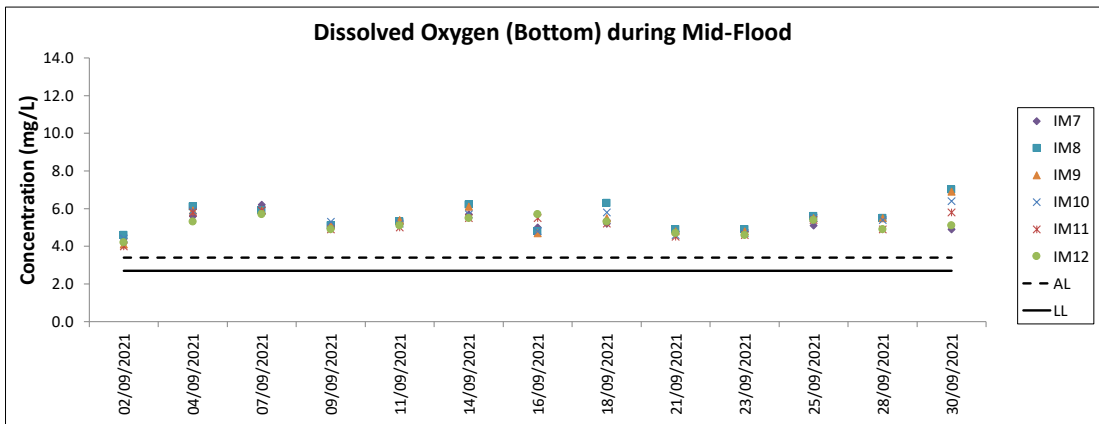
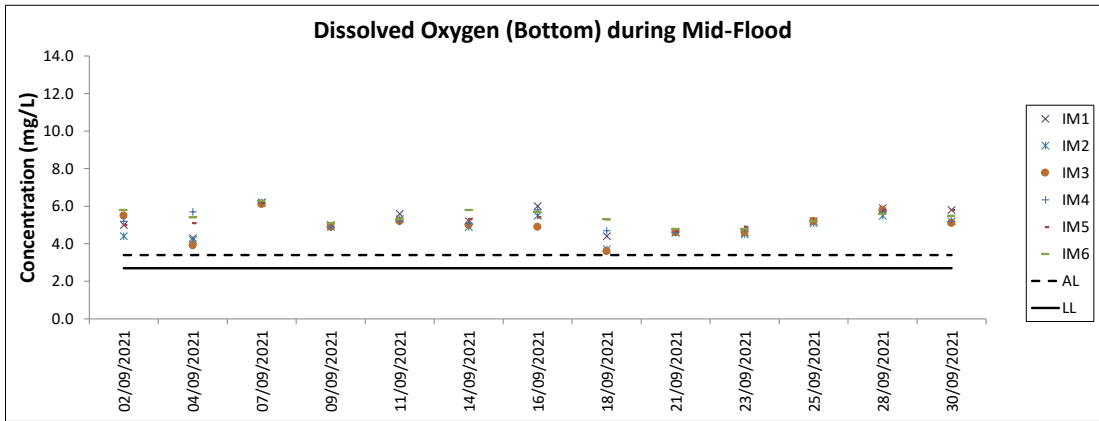
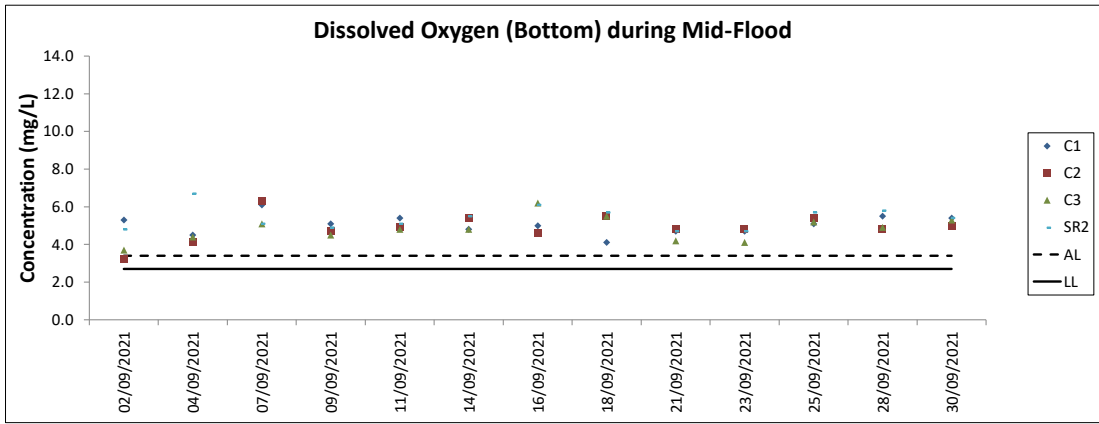
Expansion of Hong Kong International Airport into a Three-Runway System

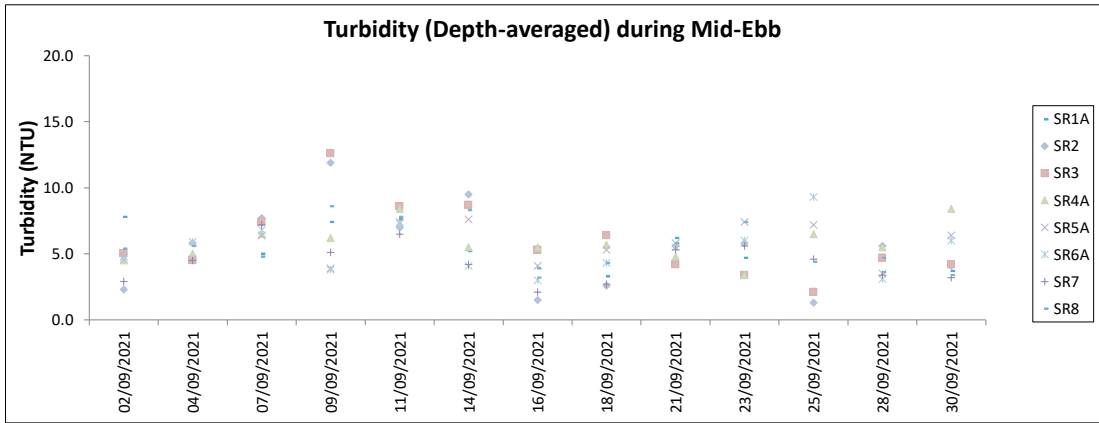
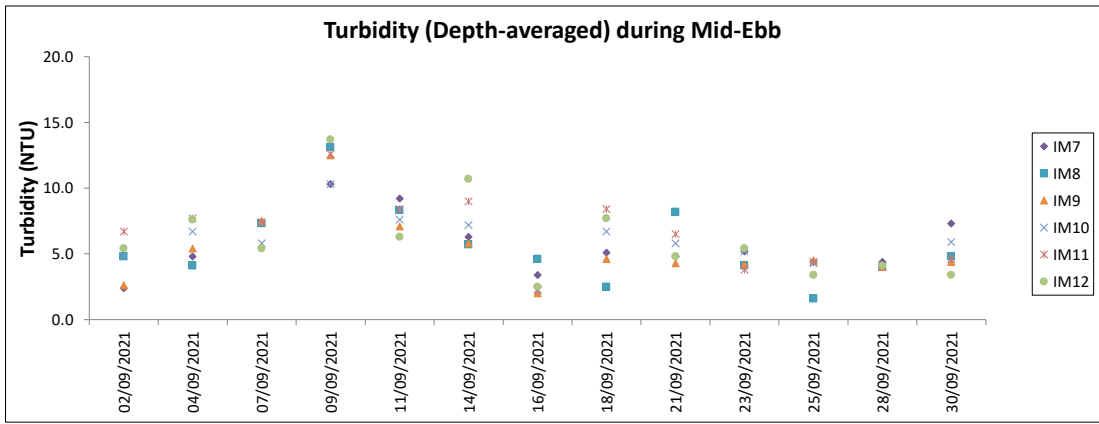
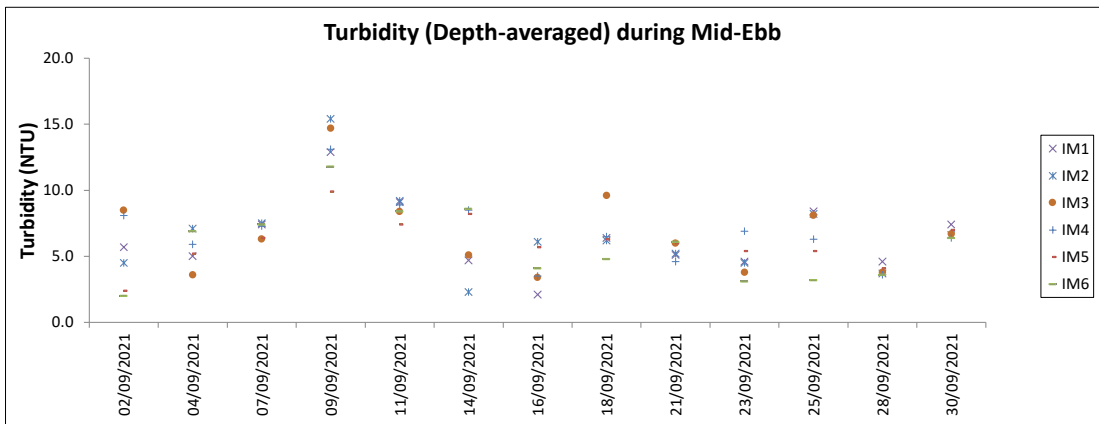
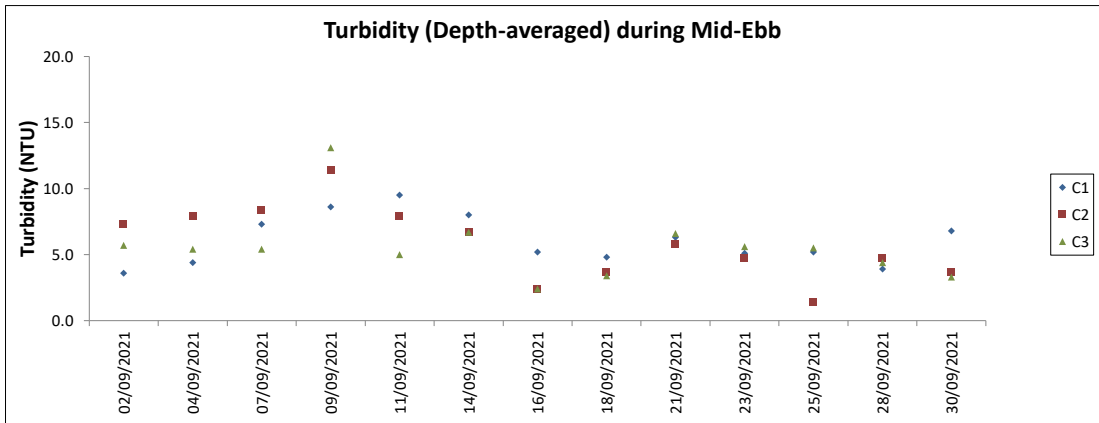
Water Quality Monitoring

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

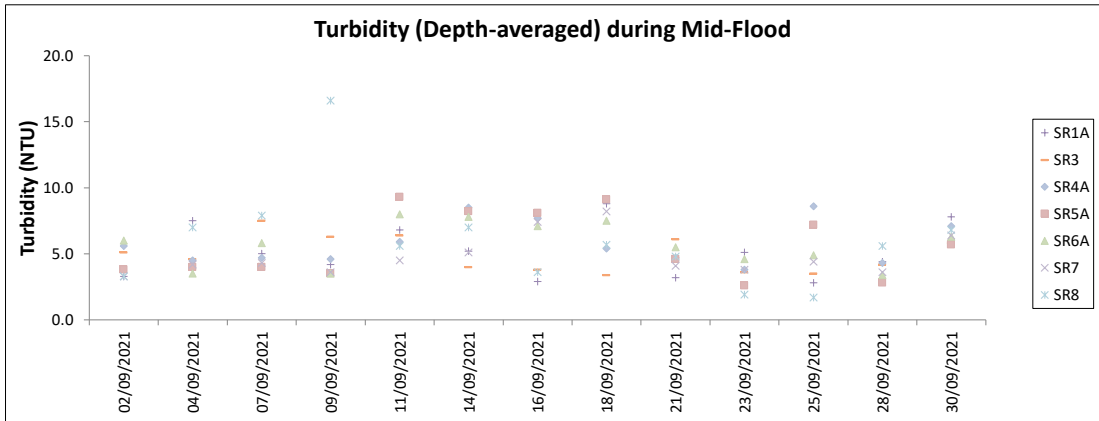
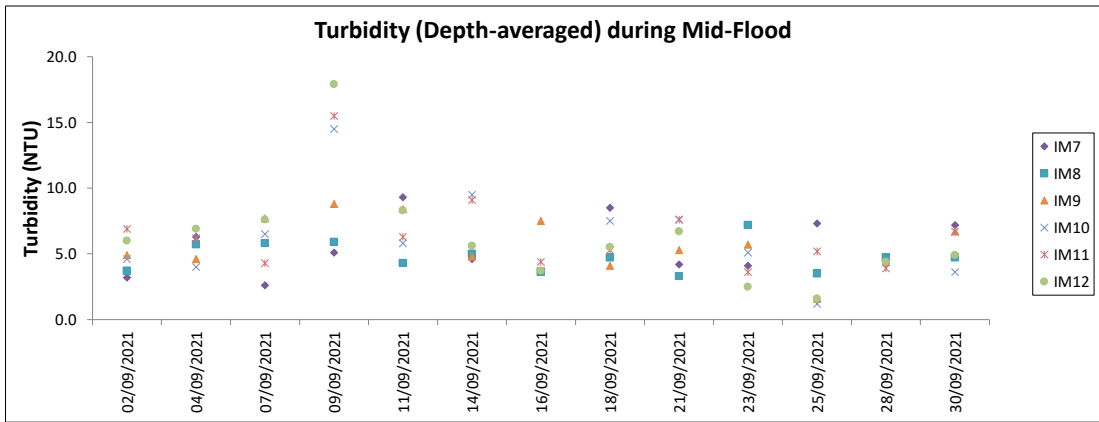
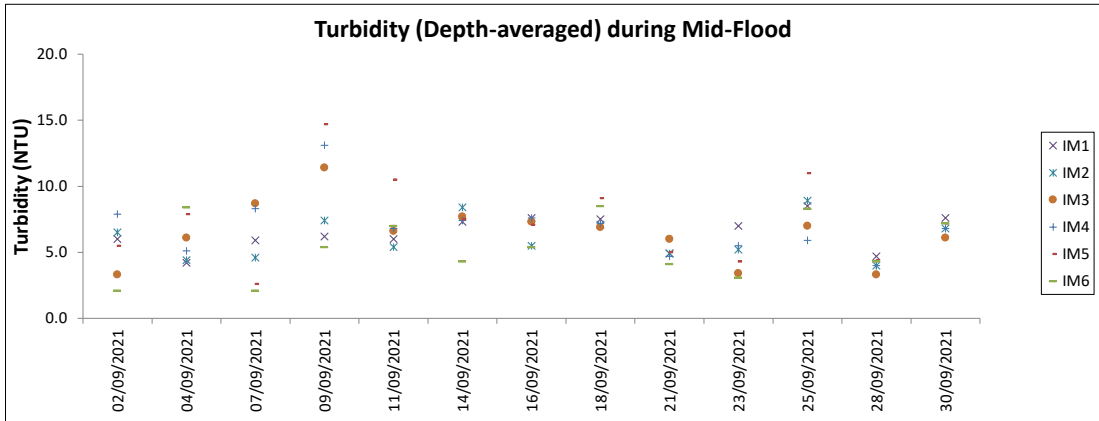
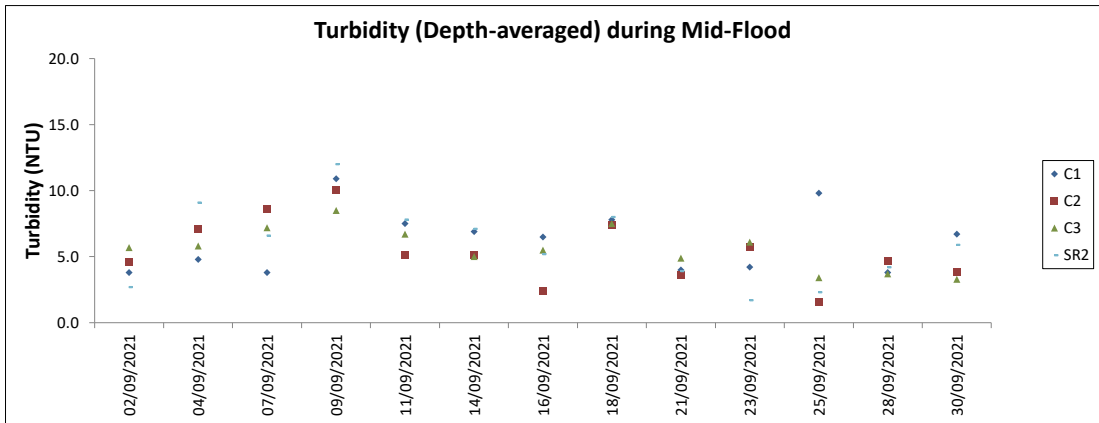
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)	Current Speed (m/s)		Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)							
						Value	Average		Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA											
IM9	Fine	Moderate	19:08	7.8	Surface	1.0	0.1	37	30.9	30.9	8.0	8.0	22.4	22.4	114.7	114.7	7.6	7.6	7.4	7.4	6.7	6.7	2	2	822074	808829					
						1.0	0.1	38	30.9	8.0	8.0	22.4	22.4	114.7	114.7	7.6	7.6	7.4	7.4	6.7	6.7	3	3								
					Middle	3.9	0.1	29	30.5	30.5	7.9	7.9	24.7	24.8	110.2	110.2	7.2	7.2	6.9	6.9	6.7	6.7	3	3							
						3.9	0.1	29	30.5	30.5	7.9	7.9	24.8	24.8	110.2	110.2	7.2	7.2	6.9	6.9	6.7	6.7	3	3							
						6.8	0.1	288	30.3	30.3	7.9	7.9	25.1	25.1	105.3	105.3	6.9	6.9	6.9	6.9	6.7	6.7	3	3							
					Bottom	6.8	0.1	296	30.3	30.3	7.9	7.9	25.0	25.1	105.7	105.7	6.9	6.9	6.9	6.9	6.7	6.7	3	3							
						6.8	0.1	296	30.3	30.3	7.9	7.9	25.0	25.1	105.7	105.7	6.9	6.9	6.9	6.9	6.7	6.7	3	3							
IM10	Fine	Moderate	19:16	7.3	Surface	1.0	0.4	321	30.6	30.6	8.0	8.0	24.2	24.3	112.4	112.2	7.4	7.3	7.2	7.2	3.6	3.6	3	3	822391	809777					
						1.0	0.5	348	30.6	30.6	8.0	8.0	24.3	24.3	111.9	111.9	7.3	7.3	7.2	7.2	3.6	3.6	3	3							
					Middle	3.7	0.5	304	30.4	30.4	7.9	7.9	25.1	25.1	108.9	108.9	7.1	7.1	6.4	6.4	6.7	6.7	3	3							
						3.7	0.5	305	30.3	30.3	7.9	7.9	25.1	25.1	108.8	108.8	7.1	7.1	6.4	6.4	6.7	6.7	3	3							
					Bottom	6.3	0.4	309	30.2	30.2	7.9	7.9	25.5	25.5	97.2	97.2	6.4	6.4	6.4	6.4	6.7	6.7	2	2							
						6.3	0.4	320	30.2	30.2	7.9	7.9	25.4	25.5	97.4	97.3	6.4	6.4	6.4	6.4	6.7	6.7	2	2							
						6.3	0.4	320	30.2	30.2	7.9	7.9	25.4	25.5	97.4	97.3	6.4	6.4	6.4	6.4	6.7	6.7	2	2							
IM11	Fine	Moderate	19:27	7.8	Surface	1.0	0.3	326	30.3	30.3	7.9	7.9	25.7	25.8	104.2	104.0	6.8	6.8	6.6	6.6	4	4	822065	811467							
						1.0	0.3	350	30.2	30.2	7.9	7.9	25.9	25.8	103.8	103.8	6.8	6.8	6.6	6.6	4	4									
					Middle	3.9	0.3	312	29.8	29.8	7.9	7.9	26.8	26.8	97.1	96.0	6.4	6.4	6.7	6.7	4	4									
						3.9	0.4	318	29.8	29.8	7.9	7.9	26.9	26.8	94.8	94.8	6.2	6.2	6.7	6.7	4	4									
					Bottom	6.8	0.2	300	29.7	29.8	7.9	7.9	27.1	27.1	88.3	88.5	5.8	5.8	6.7	6.7	3	3									
						6.8	0.3	311	29.8	29.8	7.9	7.9	27.0	27.1	88.6	88.6	5.8	5.8	6.7	6.7	3	3									
						6.8	0.3	311	29.8	29.8	7.9	7.9	27.0	27.1	88.6	88.6	5.8	5.8	6.7	6.7	3	3									
IM12	Fine	Moderate	19:33	8.5	Surface	1.0	0.4	293	30.4	30.4	8.0	8.0	25.5	25.6	107.9	107.9	7.1	7.1	6.8	6.8	4.9	4.9	3	3	821454	812029					
						1.0	0.4	293	30.3	30.3	8.0	8.0	25.6	25.6	107.8	107.8	7.1	7.1	6.8	6.8	4.9	4.9	3	3							
					Middle	4.3	0.5	317	29.9	29.9	7.9	7.9	26.2	26.2	98.8	98.7	6.5	6.5	6.8	6.8	4.9	4.9	2	2							
						4.3	0.5	340	29.8	29.8	7.9	7.9	26.2	26.2	98.6	98.6	6.5	6.5	6.8	6.8	4.9	4.9	2	2							
					Bottom	7.5	0.2	296	29.5	29.6	7.8	7.8	28.1	28.1	77.6	77.6	5.1	5.1	6.8	6.8	4.9	4.9	2	2							
						7.5	0.2	304	29.6	29.6	7.8	7.8	28.1	28.1	77.6	77.6	5.1	5.1	6.8	6.8	4.9	4.9	2	2							
						7.5	0.2	304	29.6	29.6	7.8	7.8	28.1	28.1	77.6	77.6	5.1	5.1	6.8	6.8	4.9	4.9	2	2							
SR1A	Fine	Moderate	19:52	5.1	Surface	1.0	-	-	30.4	30.4	8.0	8.0	25.6	25.8	115.7	115.5	7.6	7.5	7.6	7.6	7.8	7.8	4	4	819970	812659					
						1.0	-	-	30.4	30.4	8.0	8.0	25.9	25.8	115.2	115.2	7.5	7.5	7.6	7.6	7.8	7.8	4	4							
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	821469	814164
						2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-		
					Bottom	4.1	-	-	30.1	30.1	7.9	7.9	26.9	26.9	97.1	97.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3			4	4			
						4.1	-	-	30.1	30.1	7.9	7.9	26.9	26.9	97.4	97.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3			4	4			
						4.1	-	-	30.1	30.1	7.9	7.9	26.9	26.9	97.4	97.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3			4	4			
SR2	Fine	Moderate	20:22	4.0	Surface	1.0	0.1	153	30.3	30.3	8.0	8.0	26.4	26.6	107.2	106.9	7.0	6.9	7.0	7.0	5.9	5.9	3	3	821469	814164					
						1.0	0.1	165	30.2	30.2	8.0	8.0	26.7	26.6	106.6	106.6	6.9	6.9	7.0	7.0	5.9	5.9	3	3							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	821469	814164
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-		
					Bottom	3.0	0.1	21	29.5	29.5	7.9	7.8	28.3	28.3	82.8	82.5	5.4	5.4	6.3	6.3	6.3	6.3	6.3	6.3			2	2			
						3.0	0.1	21	29.5	29.5	7.9	7.8	28.3	28.3	82.2	82.2	5.4	5.4	6.3	6.3	6.3	6.3	6.3	6.3			2	2			
						3.0	0.1	21	29.5	29.5	7.9	7.8	28.3	28.3	82.2	82.2	5.4	5.4	6.3	6.3	6.3	6.3	6.3	6.3			2	2			
SR3	Fine	Moderate	18:54	8.6	Surface	1.0	0.1	180	30.4	30.4	8.0	8.0	24.2	24.3	115.2	115.2	7.6	7.6	7.2	7.2	5.7	5.7	2	2	822134	807547					
						1.0	0.2	193	30.4	30.4	8.0	8.0	24.3	24.3	115.1	115.1	7.6	7.6	7.2	7.2	5.7	5.7	2	2							
					Middle	4.3	0.1	209	30.0	30.0	7.9	7.9	25.5	25.5	102.9	102.9	6.8	6.8	6.3	6.3	6.2	6.2	2	2							
						4.3	0.1	219	30.0	30.0	7.9	7.9	25.5	25.5	102.9	102.9	6.8	6.8	6.3	6.3	6.2	6.2	2	2							
					Bottom	7.6	0.1	193	30.0	30.0	8.0	8.0	25.6	25.6	103.0	103.1	6.8	6.8	6.3	6.3	6.2	6.2	2	2							
						7.6	0.1	194	30.0	30.0	8.0	8.0	25.6	25.6	103.1	103.1	6.8	6.8	6.3	6.3	6.2	6.2	2	2							
						7.6	0.1	194	30.0	30.0	8.0	8.0	25.6	25.6	103.1	103.1	6.8	6.8	6.3	6.3	6.2	6.2	2	2							
SR4A	Cloudy	Moderate	20:18	9.5	Surface	1.0	5.2	201	29.8	29.8	8.0	8.0	28.2	28.2	102.2	102.2	6.6	6.6	6.5	6.5	7.1	7.1	2	2	817170	807816					
						1.0	5.4	211	29.8	29.8	8.0	8.0	28.2	28.2	102.2	102.2	6.6	6.6	6.5	6.5	7.1	7.1	2	2							
					Middle	4.8	5.0	201	29.7	29.7	8.0	8.0	28.3	28.3	97.0	97.0	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3			2	2			
						4.8	5.3	210	29.7	29.7	8.0	8.0	28.3	28.3	96.9	96.9	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3			2	2			
					Bottom	8.5	5.1	198	29.8	29.8	8.0	8.0	28.3	28.2	98.2	98.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3			2	2			
						8.5	5.2	198	29.8	29.8	8.0	8.0	28.2	28.2	98.4	98.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3			2	2			
						8.5	5.2	198	29.8	29.8	8.0	8.0	28.2	28.2	98.4	98.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3			2	2			
SR5A	Cloudy	Moderate	20:39	3.8	Surface	1.0	0.2	290	29.6	29.6	8.0	8.0	28.9	28.9	96.7	96.7	6.2	6.2	6.2	6.2	5.7	5.7	2	2	816601	810694					
						1.0	0.3	300	29.6	29.6	8.0	8.0	29.0	28.9	96.6	96.6	6.2	6.2	6.2	6.2	5.7	5.7	2	2							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	816601	810694
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-		
					Bottom	2.8	0.2	295	29.3	29.4	8.0	8.0	29.3	29.3	76.8	76.8	5.0	5.0	5.7	5.7	5.7	5.7	5.7	5.7			2	2			
						2.8	0.3	309	29.4	29.4	8.0	8.0	29.3	29.3	76.8	76.8	5.0	5.0	5.7	5.7	5.7	5.7	5.7	5.7			2	2			
						2.8	0.3	309	29.4	29.4	8.0	8.0	29.3	29.3	76.8	76.8	5.0	5.0	5.7	5.7	5.7	5.7	5.7	5.7			2	2			
SR6A	Cloudy	Moderate	21:17	4.1	Surface	1.0	0.1	208	28.9	28.9	7.9	7.9	30.0	30.0	96.4	96.4	6.3	6.3	6.3	6.3	6.2	6.2	2	2	817974	814722					
						1.0	0.1	210	28.9	28.9	7.9	7.9	30.0	30.0	96.4	96.4	6.3	6.3	6.3	6.3	6.2	6.2	2	2							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	817974	814722
						-																									



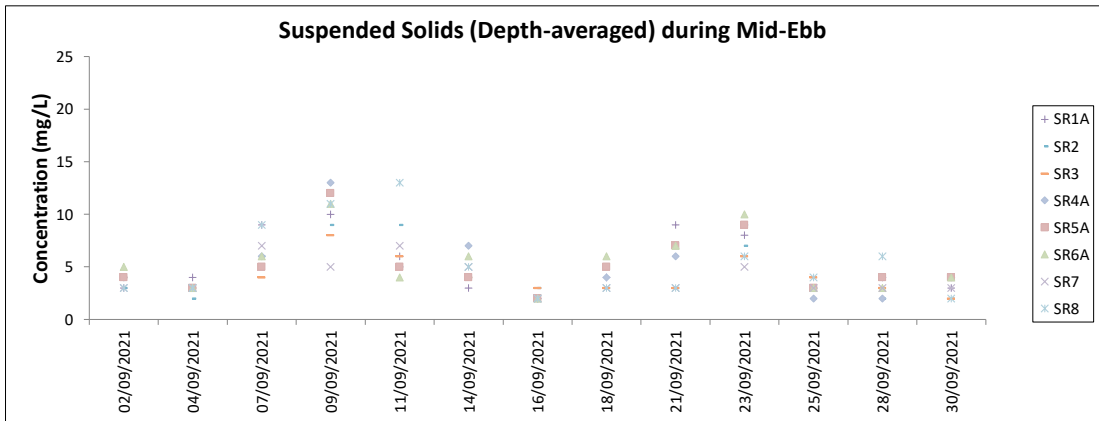
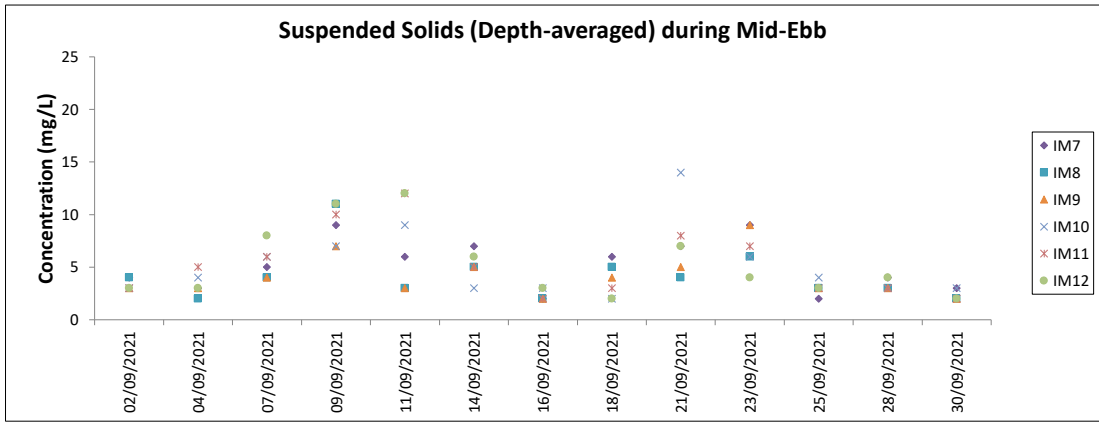
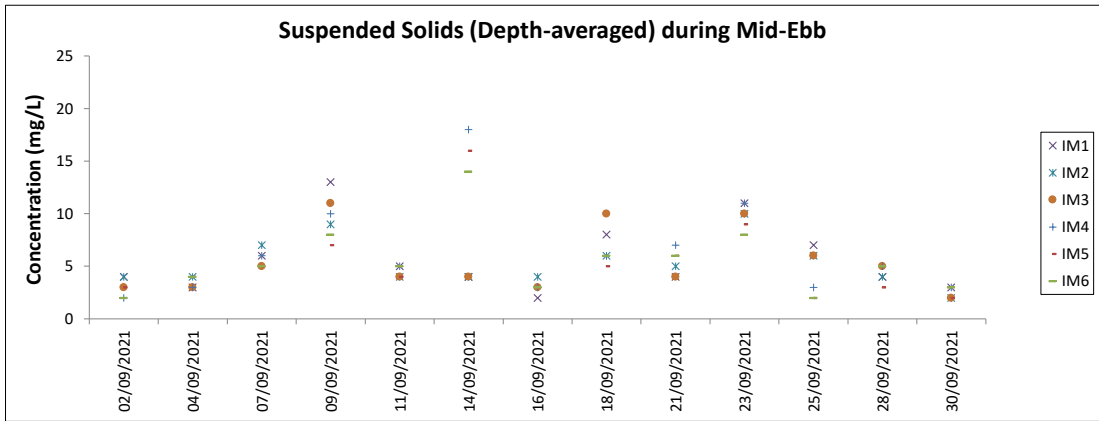
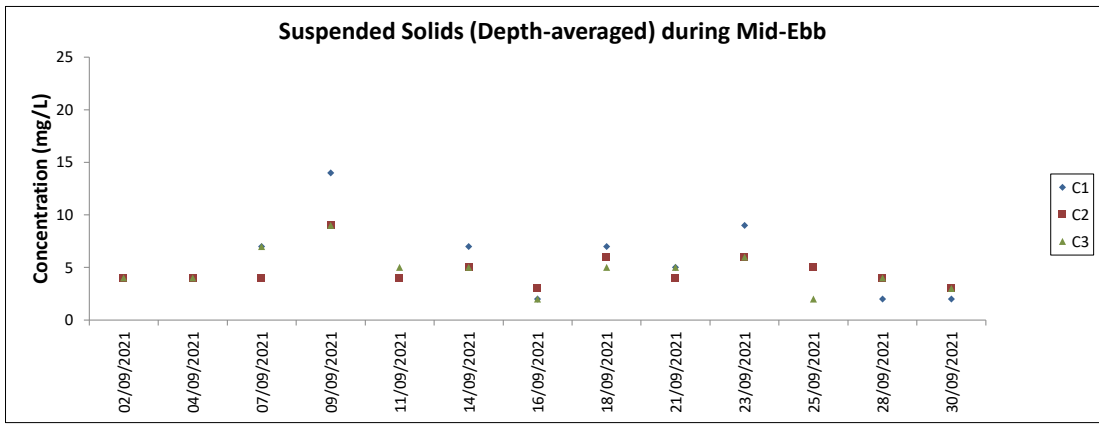




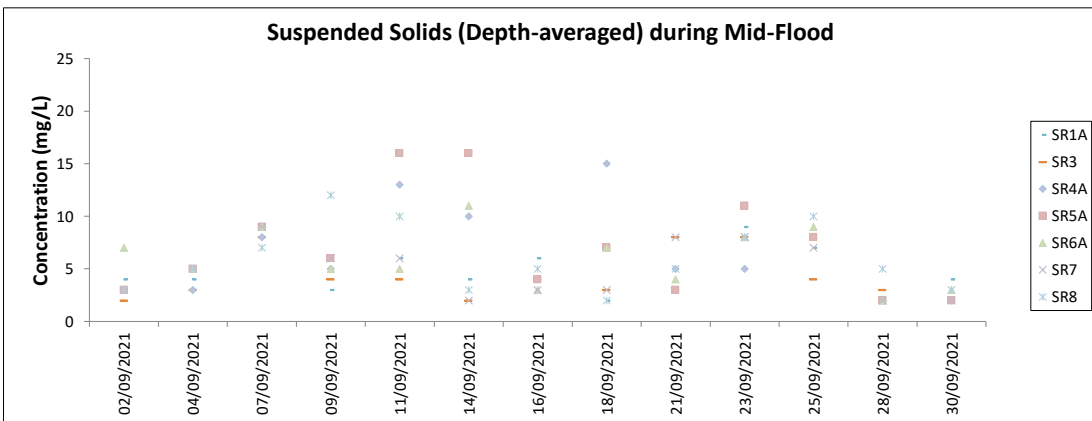
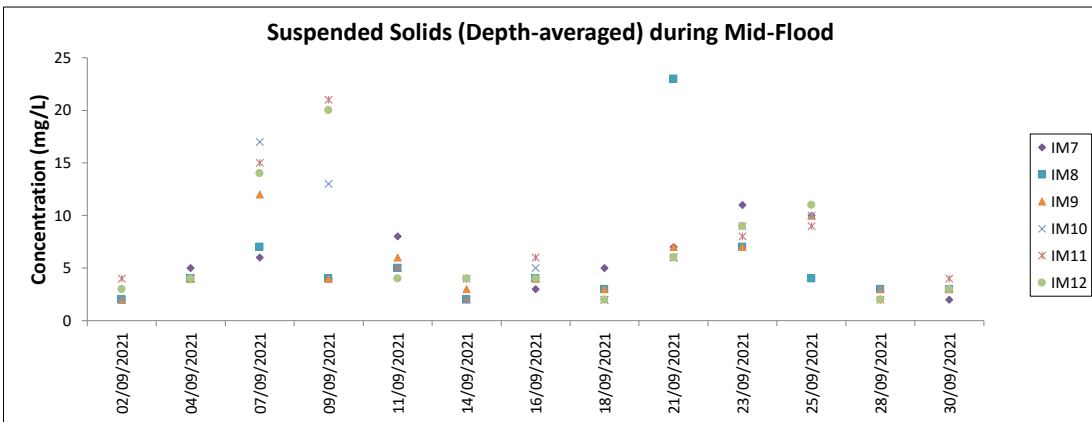
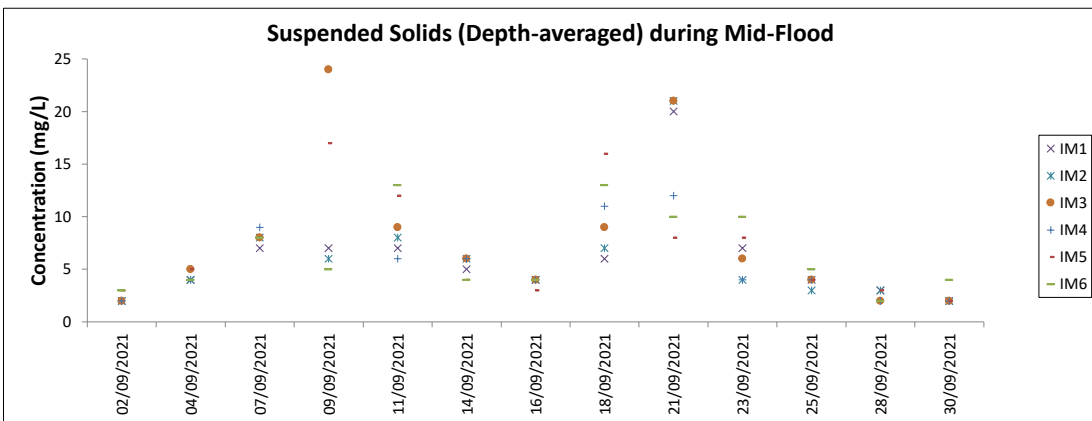
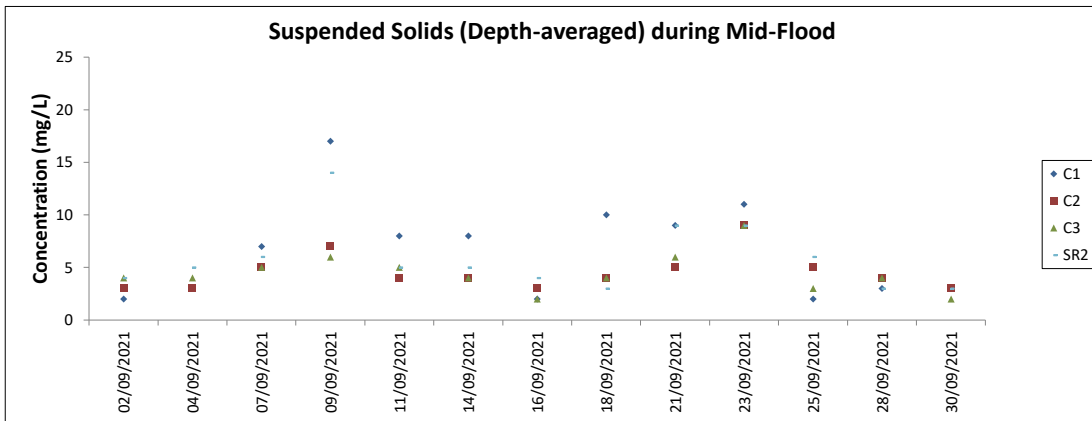
Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.



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



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



Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.
Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.

Chinese White Dolphin Monitoring Results

CWD Small Vessel Line-transect Survey

Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
12-Jul-21	SWL	2	25.750	SUMMER	32166	3RS ET	P
12-Jul-21	SWL	3	25.520	SUMMER	32166	3RS ET	P
12-Jul-21	SWL	2	8.900	SUMMER	32166	3RS ET	S
12-Jul-21	SWL	3	6.610	SUMMER	32166	3RS ET	S
13-Jul-21	SWL	1	1.050	SUMMER	32166	3RS ET	P
13-Jul-21	SWL	2	35.764	SUMMER	32166	3RS ET	P
13-Jul-21	SWL	3	14.402	SUMMER	32166	3RS ET	P
13-Jul-21	SWL	1	1.160	SUMMER	32166	3RS ET	S
13-Jul-21	SWL	2	9.900	SUMMER	32166	3RS ET	S
13-Jul-21	SWL	3	4.150	SUMMER	32166	3RS ET	S
14-Jul-21	AW	2	4.740	SUMMER	32166	3RS ET	P
14-Jul-21	WL	1	0.970	SUMMER	32166	3RS ET	P
14-Jul-21	WL	2	6.905	SUMMER	32166	3RS ET	P
14-Jul-21	WL	3	8.190	SUMMER	32166	3RS ET	P
14-Jul-21	WL	2	4.141	SUMMER	32166	3RS ET	S
14-Jul-21	WL	3	5.059	SUMMER	32166	3RS ET	S
19-Jul-21	NEL	3	31.750	SUMMER	32166	3RS ET	P
19-Jul-21	NEL	4	5.200	SUMMER	32166	3RS ET	P
19-Jul-21	NEL	3	8.950	SUMMER	32166	3RS ET	S
19-Jul-21	NEL	4	1.300	SUMMER	32166	3RS ET	S
21-Jul-21	NEL	2	5.200	SUMMER	32166	3RS ET	P
21-Jul-21	NEL	3	31.980	SUMMER	32166	3RS ET	P
21-Jul-21	NEL	2	4.000	SUMMER	32166	3RS ET	S
21-Jul-21	NEL	3	6.120	SUMMER	32166	3RS ET	S
22-Jul-21	AW	2	2.010	SUMMER	32166	3RS ET	P
22-Jul-21	AW	3	2.980	SUMMER	32166	3RS ET	P
22-Jul-21	WL	2	9.208	SUMMER	32166	3RS ET	P
22-Jul-21	WL	3	5.108	SUMMER	32166	3RS ET	P
22-Jul-21	WL	4	0.310	SUMMER	32166	3RS ET	P
22-Jul-21	WL	2	2.660	SUMMER	32166	3RS ET	S
22-Jul-21	WL	3	4.919	SUMMER	32166	3RS ET	S
22-Jul-21	WL	4	0.660	SUMMER	32166	3RS ET	S
26-Jul-21	NWL	2	62.210	SUMMER	32166	3RS ET	P
26-Jul-21	NWL	2	10.690	SUMMER	32166	3RS ET	S
28-Jul-21	NWL	2	34.380	SUMMER	32166	3RS ET	P
28-Jul-21	NWL	3	28.060	SUMMER	32166	3RS ET	P
28-Jul-21	NWL	4	0.600	SUMMER	32166	3RS ET	P
28-Jul-21	NWL	2	3.370	SUMMER	32166	3RS ET	S
28-Jul-21	NWL	3	7.420	SUMMER	32166	3RS ET	S
11-Aug-21	NWL	2	50.150	SUMMER	32166	3RS ET	P
11-Aug-21	NWL	3	10.620	SUMMER	32166	3RS ET	P
11-Aug-21	NWL	2	11.950	SUMMER	32166	3RS ET	S
16-Aug-21	SWL	2	38.120	SUMMER	32166	3RS ET	P
16-Aug-21	SWL	3	16.400	SUMMER	32166	3RS ET	P
16-Aug-21	SWL	2	12.480	SUMMER	32166	3RS ET	S
16-Aug-21	SWL	3	3.200	SUMMER	32166	3RS ET	S
18-Aug-21	AW	2	2.970	SUMMER	32166	3RS ET	P

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
18-Aug-21	AW	3	1.820	SUMMER	32166	3RS ET	P
18-Aug-21	WL	2	3.420	SUMMER	32166	3RS ET	P
18-Aug-21	WL	3	15.902	SUMMER	32166	3RS ET	P
18-Aug-21	WL	2	1.090	SUMMER	32166	3RS ET	S
18-Aug-21	WL	3	8.908	SUMMER	32166	3RS ET	S
19-Aug-21	NWL	2	35.700	SUMMER	32166	3RS ET	P
19-Aug-21	NWL	3	28.600	SUMMER	32166	3RS ET	P
19-Aug-21	NWL	2	9.900	SUMMER	32166	3RS ET	S
19-Aug-21	NWL	3	1.300	SUMMER	32166	3RS ET	S
20-Aug-21	SWL	1	1.087	SUMMER	32166	3RS ET	P
20-Aug-21	SWL	2	48.720	SUMMER	32166	3RS ET	P
20-Aug-21	SWL	3	3.500	SUMMER	32166	3RS ET	P
20-Aug-21	SWL	1	14.483	SUMMER	32166	3RS ET	S
20-Aug-21	SWL	2	2.300	SUMMER	32166	3RS ET	S
24-Aug-21	AW	2	4.770	SUMMER	32166	3RS ET	P
24-Aug-21	WL	2	6.700	SUMMER	32166	3RS ET	P
24-Aug-21	WL	3	13.750	SUMMER	32166	3RS ET	P
24-Aug-21	WL	2	3.190	SUMMER	32166	3RS ET	S
24-Aug-21	WL	3	7.610	SUMMER	32166	3RS ET	S
25-Aug-21	NEL	2	27.950	SUMMER	32166	3RS ET	P
25-Aug-21	NEL	3	9.200	SUMMER	32166	3RS ET	P
25-Aug-21	NEL	2	6.650	SUMMER	32166	3RS ET	S
25-Aug-21	NEL	3	3.400	SUMMER	32166	3RS ET	S
26-Aug-21	NEL	2	26.405	SUMMER	32166	3RS ET	P
26-Aug-21	NEL	3	10.375	SUMMER	32166	3RS ET	P
26-Aug-21	NEL	2	7.360	SUMMER	32166	3RS ET	S
26-Aug-21	NEL	3	3.160	SUMMER	32166	3RS ET	S
6-Sep-21	NEL	2	36.750	AUTUMN	32166	3RS ET	P
6-Sep-21	NEL	2	8.950	AUTUMN	32166	3RS ET	S
6-Sep-21	NEL	3	1.200	AUTUMN	32166	3RS ET	S
7-Sep-21	NWL	2	19.780	AUTUMN	32166	3RS ET	P
7-Sep-21	NWL	3	37.420	AUTUMN	32166	3RS ET	P
7-Sep-21	NWL	4	6.000	AUTUMN	32166	3RS ET	P
7-Sep-21	NWL	2	5.300	AUTUMN	32166	3RS ET	S
7-Sep-21	NWL	3	6.000	AUTUMN	32166	3RS ET	S
7-Sep-21	NWL	4	1.100	AUTUMN	32166	3RS ET	S
8-Sep-21	SWL	2	28.388	AUTUMN	32166	3RS ET	P
8-Sep-21	SWL	3	23.140	AUTUMN	32166	3RS ET	P
8-Sep-21	SWL	2	10.386	AUTUMN	32166	3RS ET	S
8-Sep-21	SWL	3	4.150	AUTUMN	32166	3RS ET	S
10-Sep-21	NEL	2	7.300	AUTUMN	32166	3RS ET	P
10-Sep-21	NEL	3	26.580	AUTUMN	32166	3RS ET	P
10-Sep-21	NEL	4	3.200	AUTUMN	32166	3RS ET	P
10-Sep-21	NEL	2	2.820	AUTUMN	32166	3RS ET	S
10-Sep-21	NEL	3	7.300	AUTUMN	32166	3RS ET	S
14-Sep-21	SWL	2	29.785	AUTUMN	32166	3RS ET	P
14-Sep-21	SWL	3	20.800	AUTUMN	32166	3RS ET	P
14-Sep-21	SWL	4	2.450	AUTUMN	32166	3RS ET	P
14-Sep-21	SWL	2	9.852	AUTUMN	32166	3RS ET	S

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
14-Sep-21	SWL	3	7.200	AUTUMN	32166	3RS ET	S
16-Sep-21	AW	2	4.860	AUTUMN	32166	3RS ET	P
16-Sep-21	WL	2	9.094	AUTUMN	32166	3RS ET	P
16-Sep-21	WL	3	5.730	AUTUMN	32166	3RS ET	P
16-Sep-21	WL	2	3.753	AUTUMN	32166	3RS ET	S
16-Sep-21	WL	3	4.210	AUTUMN	32166	3RS ET	S
20-Sep-21	NWL	2	57.280	AUTUMN	32166	3RS ET	P
20-Sep-21	NWL	3	6.990	AUTUMN	32166	3RS ET	P
20-Sep-21	NWL	2	9.500	AUTUMN	32166	3RS ET	S
20-Sep-21	NWL	3	1.630	AUTUMN	32166	3RS ET	S
23-Sep-21	AW	2	1.200	AUTUMN	32166	3RS ET	P
23-Sep-21	AW	3	3.820	AUTUMN	32166	3RS ET	P
23-Sep-21	WL	2	6.040	AUTUMN	32166	3RS ET	P
23-Sep-21	WL	3	7.319	AUTUMN	32166	3RS ET	P
23-Sep-21	WL	4	4.400	AUTUMN	32166	3RS ET	P
23-Sep-21	WL	2	5.350	AUTUMN	32166	3RS ET	S
23-Sep-21	WL	3	3.161	AUTUMN	32166	3RS ET	S
23-Sep-21	WL	4	2.090	AUTUMN	32166	3RS ET	S

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
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
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
11-Aug-21	1	0948	CWD	3	NWL	3	29	ON	3RS ET	22.39316	113.87011	SUMMER	NONE	P
11-Aug-21	2	1226	CWD	4	NWL	2	415	ON	3RS ET	22.38048	113.88752	SUMMER	NONE	P

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
11-Aug-21	3	1328	CWD	1	NWL	2	27	ON	3RS ET	22.38116	113.89752	SUMMER	NONE	P
16-Aug-21	1	1109	FP	1	SWL	2	145	ON	3RS ET	22.16096	113.92744	SUMMER	NONE	P
18-Aug-21	1	1110	CWD	1	WL	3	75	ON	3RS ET	22.24156	113.84087	SUMMER	NONE	P
18-Aug-21	2	1221	CWD	6	WL	3	177	ON	3RS ET	22.19608	113.84060	SUMMER	PURSE SEINER	P
20-Aug-21	1	1048	FP	1	SWL	1	22	ON	3RS ET	22.15401	113.93612	SUMMER	NONE	P
20-Aug-21	2	1102	FP	1	SWL	2	352	ON	3RS ET	22.15871	113.92758	SUMMER	NONE	P
24-Aug-21	1	1148	CWD	4	WL	2	598	ON	3RS ET	22.20577	113.83268	SUMMER	NONE	P
8-Sep-21	1	1312	FP	4	SWL	2	119	ON	3RS ET	22.1520	113.8973	AUTUMN	NONE	P
8-Sep-21	2	1350	CWD	1	SWL	2	141	ON	3RS ET	22.2059	113.8879	AUTUMN	NONE	P
8-Sep-21	3	1436	CWD	1	SWL	3	133	ON	3RS ET	22.1733	113.8687	AUTUMN	NONE	P
8-Sep-21	4	1502	CWD	3	SWL	2	95	ON	3RS ET	22.1946	113.8587	AUTUMN	NONE	P
8-Sep-21	5	1537	CWD	6	SWL	3	729	ON	3RS ET	22.1754	113.8499	AUTUMN	NONE	P
14-Sep-21	1	1037	FP	3	SWL	2	157	ON	3RS ET	22.1819	113.9359	AUTUMN	NONE	P
14-Sep-21	2	1048	FP	1	SWL	2	170	ON	3RS ET	22.1602	113.9368	AUTUMN	NONE	P
14-Sep-21	3	1050	FP	4	SWL	2	35	ON	3RS ET	22.1577	113.9368	AUTUMN	NONE	P
14-Sep-21	4	1108	FP	2	SWL	2	179	ON	3RS ET	22.1582	113.9277	AUTUMN	NONE	P
14-Sep-21	5	1114	FP	5	SWL	2	234	ON	3RS ET	22.1666	113.9280	AUTUMN	NONE	P
14-Sep-21	6	1123	FP	2	SWL	2	63	ON	3RS ET	22.1830	113.9276	AUTUMN	NONE	P
16-Sep-21	1	1044	CWD	1	WL	3	154	ON	3RS ET	22.2606	113.8501	AUTUMN	NONE	P
16-Sep-21	2	1123	CWD	3	WL	3	170	ON	3RS ET	22.2410	113.8409	AUTUMN	NONE	P
16-Sep-21	3	1151	CWD	9	WL	2	67	ON	3RS ET	22.2255	113.8318	AUTUMN	NONE	P
16-Sep-21	4	1221	CWD	2	WL	2	215	ON	3RS ET	22.2051	113.8324	AUTUMN	NONE	P
16-Sep-21	5	1236	CWD	3	WL	2	141	ON	3RS ET	22.2012	113.8245	AUTUMN	NONE	S
16-Sep-21	6	1250	CWD	10	WL	2	208	ON	3RS ET	22.1961	113.8416	AUTUMN	NONE	P
16-Sep-21	7	1308	CWD	1	WL	2	31	ON	3RS ET	22.1926	113.8425	AUTUMN	NONE	S
20-Sep-21	1	1201	CWD	3	NWL	2	7	ON	3RS ET	22.3859	113.8781	AUTUMN	NONE	P
23-Sep-21	1	1046	CWD	1	WL	2	71	ON	3RS ET	22.2608	113.8454	AUTUMN	NONE	P
23-Sep-21	2	1110	CWD	2	WL	2	1497	ON	3RS ET	22.2444	113.8491	AUTUMN	NONE	S
23-Sep-21	3	1203	CWD	6	WL	3	22	ON	3RS ET	22.2139	113.8312	AUTUMN	NONE	P

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 423.038 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 15 on-effort sightings and total number of 52 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in September 2021 are shown as below:

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

$$STG = \frac{15}{423.038} \times 100 = 3.55$$

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

$$ANI = \frac{52}{423.038} \times 100 = 12.29$$

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

A total of 1300.404 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 50 on-effort sightings and total number of 161 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)

$$STG = \frac{50}{1300.404} \times 100 = 3.84$$

Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{161}{1300.404} \times 100 = 12.38$$

CWD Small Vessel Line-transect Survey

Photo Identification



SLMM014_20210908_2_3



SLMM070_20210908_3_5



SLMM029_20210908_4_1



SLMM064_20210908_4_4



SLMM007_20210908_5_3











SLMM073_20210908_5_4_Right

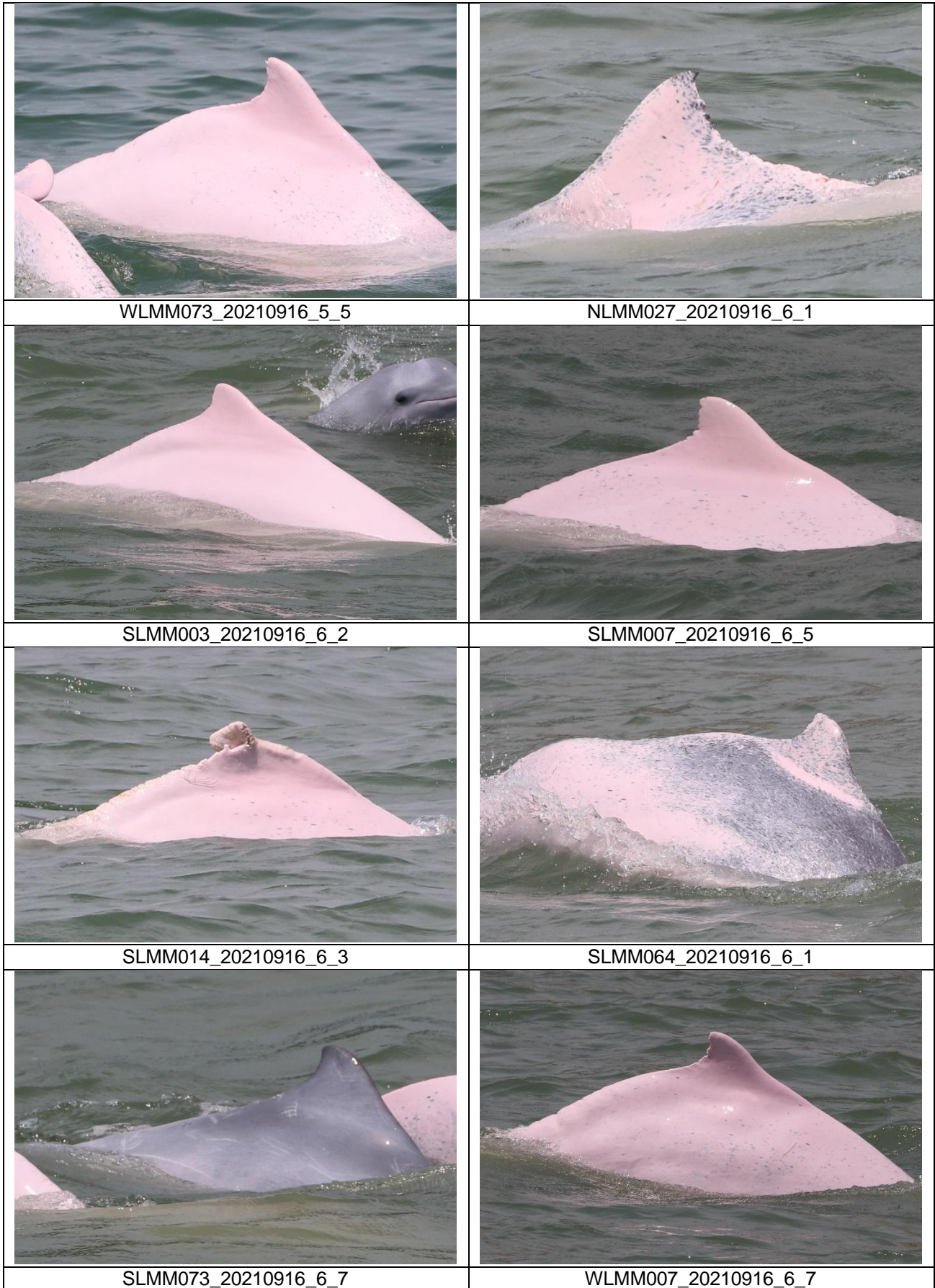


WLMM007_20210908_5_5



WLMM067_20210908_5_1

	
WLMM073_20210908_5_4	WLMM056_20210916_2_12
	
NLMM061_20210916_3_4	SLMM022_20210916_3_4
	
WLMM065_20210916_3_4	WLMM111_20210916_3_4
	
WLMM152_20210916_3_3	SLMM023_20210916_5_1





WLMM079_20210916_6_6



WLMM167_20210916_6_1



NLMM013_20210920_1_2



WLMM019_20210920_1_3



SLMM010_20210923_2_3



WLMM131_20210923_2_4



WLMM004_20210923_3_4



WLMM063_20210923_3_6



WLMM114_20210923_3_1

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

Date	Station	Start Time	End Time	Duration	Beaufort Range	Visibility	No. of Focal Follow Dolphin Groups Tracked	Dolphin Group Size Range
3/Sep/21	Lung Kwu Chau	9:09	15:09	6:00	1-2	1	0	-
9/Sep/21	Sha Chau	10:59	16:59	6:00	1-2	3-4	0	-

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