

Appendix C. Monitoring Results

Air Quality Monitoring Results

1-hour TSP Results

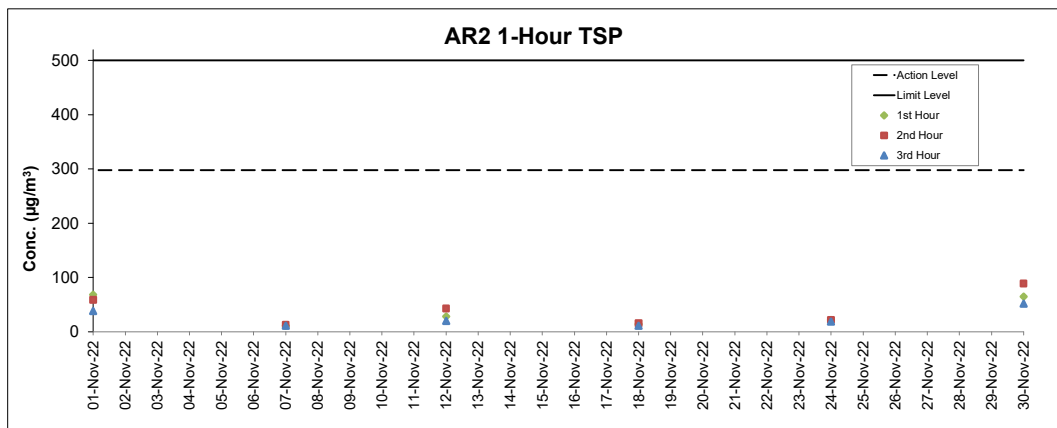
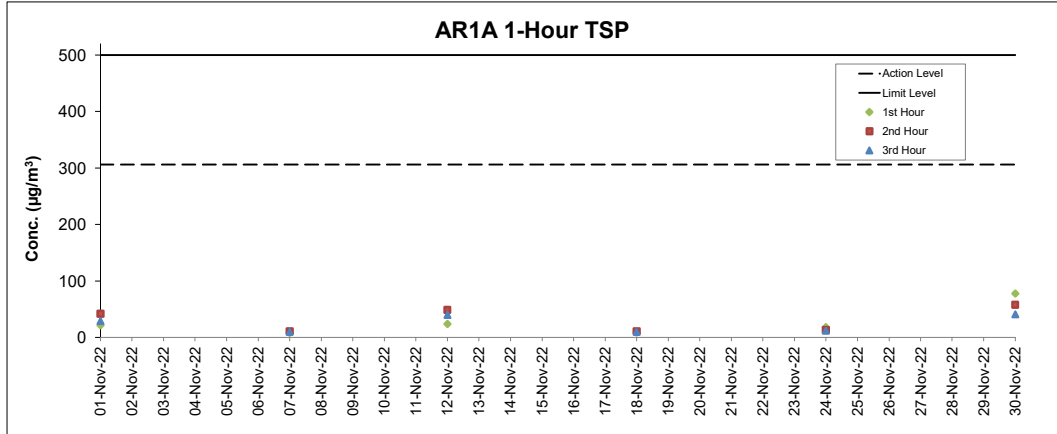
Station: AR1A- Man Tung Road Park

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
1-Nov-22	10:31	Cloudy	6.9	33	22	306	500
1-Nov-22	11:31	Cloudy	5.6	18	42	306	500
1-Nov-22	12:31	Cloudy	7.2	5	29	306	500
7-Nov-22	12:44	Drizzle	3.9	316	8	306	500
7-Nov-22	13:44	Drizzle	2.4	327	11	306	500
7-Nov-22	14:44	Drizzle	1.4	Variable	10	306	500
12-Nov-22	8:34	Sunny	4.7	89	24	306	500
12-Nov-22	9:34	Sunny	3.9	89	49	306	500
12-Nov-22	10:34	Sunny	3.3	97	40	306	500
18-Nov-22	8:31	Sunny	2.8	56	9	306	500
18-Nov-22	9:31	Sunny	2.8	29	11	306	500
18-Nov-22	10:31	Sunny	4.2	30	10	306	500
24-Nov-22	8:01	Drizzle	9.7	86	18	306	500
24-Nov-22	9:01	Drizzle	8.1	81	13	306	500
24-Nov-22	10:01	Drizzle	8.3	81	12	306	500
30-Nov-22	13:22	Overcast	3.3	35	78	306	500
30-Nov-22	14:22	Overcast	4.4	35	58	306	500
30-Nov-22	15:22	Overcast	4.4	26	41	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 ($\mu\text{g}/\text{m}^3$)
1-Nov-22	14:31	Cloudy	6.9	32	68	298	500
1-Nov-22	15:31	Cloudy	2.2	98	59	298	500
1-Nov-22	16:31	Cloudy	5.0	18	38	298	500
7-Nov-22	8:43	Drizzle	0.8	Variable	11	298	500
7-Nov-22	9:43	Drizzle	2.8	313	13	298	500
7-Nov-22	10:43	Drizzle	4.0	322	11	298	500
12-Nov-22	12:46	Sunny	2.8	31	28	298	500
12-Nov-22	13:46	Sunny	2.2	30	43	298	500
12-Nov-22	14:46	Sunny	2.8	2	20	298	500
18-Nov-22	12:33	Sunny	4.2	331	14	298	500
18-Nov-22	13:33	Sunny	1.7	Variable	16	298	500
18-Nov-22	14:33	Sunny	3.3	42	11	298	500
24-Nov-22	11:56	Drizzle	6.7	74	22	298	500
24-Nov-22	12:56	Drizzle	7.5	79	22	298	500
24-Nov-22	13:56	Drizzle	6.1	78	19	298	500
30-Nov-22	9:24	Overcast	3.9	310	65	298	500
30-Nov-22	10:24	Overcast	6.1	312	89	298	500
30-Nov-22	11:24	Overcast	6.7	319	52	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) ^
1-Nov-22	Cloudy	11:00	60.5	55.5	62
1-Nov-22	Cloudy	11:05	60.3	53.0	
1-Nov-22	Cloudy	11:10	61.8	54.1	
1-Nov-22	Cloudy	11:15	59.7	54.2	
1-Nov-22	Cloudy	11:25	65.5	53.2	
1-Nov-22	Cloudy	11:30	57.7	56.0	
7-Nov-22	Drizzle	12:14	59.2	53.6	65
7-Nov-22	Drizzle	12:19	59.2	52.7	
7-Nov-22	Drizzle	12:24	64.2	53.0	
7-Nov-22	Drizzle	12:29	56.8	51.9	
7-Nov-22	Drizzle	12:34	61.4	53.0	
7-Nov-22	Drizzle	12:39	72.3	54.9	
18-Nov-22	Sunny	8:00	54.4	53.0	63
18-Nov-22	Sunny	8:05	53.6	52.7	
18-Nov-22	Sunny	8:10	53.8	52.7	
18-Nov-22	Sunny	8:15	53.7	52.7	
18-Nov-22	Sunny	8:20	53.5	52.6	
18-Nov-22	Sunny	8:25	54.6	52.7	
24-Nov-22	Drizzle	9:05	56.6	53.6	57
24-Nov-22	Drizzle	9:10	56.3	52.4	
24-Nov-22	Drizzle	9:15	55.7	52.3	
24-Nov-22	Drizzle	9:20	56.0	52.8	
24-Nov-22	Drizzle	9:25	55.8	52.1	
24-Nov-22	Drizzle	9:30	55.2	51.7	
30-Nov-22	Overcast	13:21	56.4	50.6	58
30-Nov-22	Overcast	13:26	58.9	49.7	
30-Nov-22	Overcast	13:31	57.3	51.6	
30-Nov-22	Overcast	13:36	55.3	50.5	
30-Nov-22	Overcast	13:41	56.4	50.8	
30-Nov-22	Overcast	13:46	56.3	51.1	

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) ^
3-Nov-22	Overcast	9:37	61.5	57.0	62
3-Nov-22	Overcast	9:42	61.8	57.2	
3-Nov-22	Overcast	9:47	60.4	55.8	
3-Nov-22	Overcast	9:52	60.7	57.1	
3-Nov-22	Overcast	9:57	61.2	56.8	
3-Nov-22	Overcast	10:02	61.2	57.7	
11-Nov-22	Sunny	11:39	63.4	58.9	66
11-Nov-22	Sunny	11:44	62.3	57.8	
11-Nov-22	Sunny	11:49	61.0	57.9	
11-Nov-22	Sunny	11:54	62.5	58.7	
11-Nov-22	Sunny	11:59	62.8	59.6	
11-Nov-22	Sunny	12:04	63.9	60.1	
17-Nov-22	Sunny	13:20	66.6	63.9	60*
17-Nov-22	Sunny	13:25	65.7	64.4	
17-Nov-22	Sunny	13:30	65.3	61.0	
17-Nov-22	Sunny	13:35	63.6	60.5	
17-Nov-22	Sunny	13:40	63.8	62.4	
17-Nov-22	Sunny	13:45	67.0	62.2	
25-Nov-22	Sunny	11:06	64.2	61.7	64*
25-Nov-22	Sunny	11:11	63.9	61.6	
25-Nov-22	Sunny	11:16	63.6	60.7	
25-Nov-22	Sunny	11:21	68.1	60.6	
25-Nov-22	Sunny	11:26	66.0	61.7	
25-Nov-22	Sunny	11:31	65.4	61.8	

Remarks:

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

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

Noise Measurement Results

Station: NM5- Village House, Tin Sum

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
1-Nov-22	Cloudy	13:33	61.6	55.4	61*
1-Nov-22	Cloudy	13:38	58.5	55.5	
1-Nov-22	Cloudy	13:43	61.2	56.5	
1-Nov-22	Cloudy	13:48	59.1	56.1	
1-Nov-22	Cloudy	13:53	64.0	55.6	
1-Nov-22	Cloudy	13:58	58.4	53.9	
7-Nov-22	Drizzle	10:15	61.5	51.5	67*
7-Nov-22	Drizzle	10:20	61.3	53.2	
7-Nov-22	Drizzle	10:25	63.0	54.3	
7-Nov-22	Drizzle	10:40	56.9	49.8	
7-Nov-22	Drizzle	10:48	68.3	50.9	
7-Nov-22	Drizzle	10:53	71.3	50.8	
18-Nov-22	Sunny	12:01	57.3	53.3	58
18-Nov-22	Sunny	12:06	56.8	53.5	
18-Nov-22	Sunny	12:11	56.1	53.0	
18-Nov-22	Sunny	12:16	56.5	53.5	
18-Nov-22	Sunny	12:21	57.3	53.6	
18-Nov-22	Sunny	12:26	56.3	53.4	
24-Nov-22	Drizzle	11:58	66.2	55.6	67*
24-Nov-22	Drizzle	12:03	69.3	52.5	
24-Nov-22	Drizzle	12:08	69.7	53.9	
24-Nov-22	Drizzle	12:13	67.4	53.6	
24-Nov-22	Drizzle	12:18	67.9	54.9	
24-Nov-22	Drizzle	12:23	68.5	57.2	
30-Nov-22	Overcast	10:17	58.0	50.9	62*
30-Nov-22	Overcast	10:22	55.8	50.7	
30-Nov-22	Overcast	10:27	59.5	50.8	
30-Nov-22	Overcast	10:32	57.9	49.2	
30-Nov-22	Overcast	10:37	55.5	50.1	
30-Nov-22	Overcast	10:42	60.9	48.1	

Remarks:

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

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

Noise Measurement Results

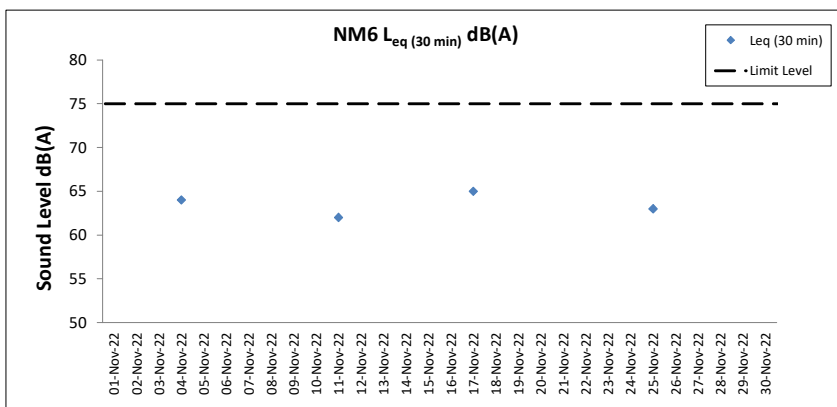
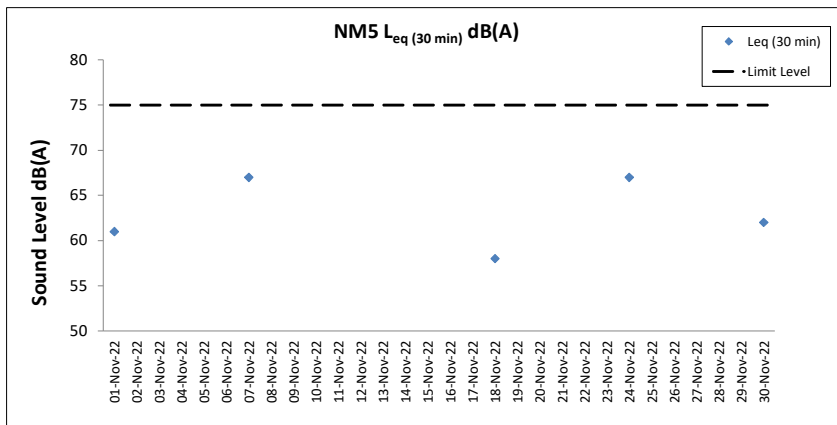
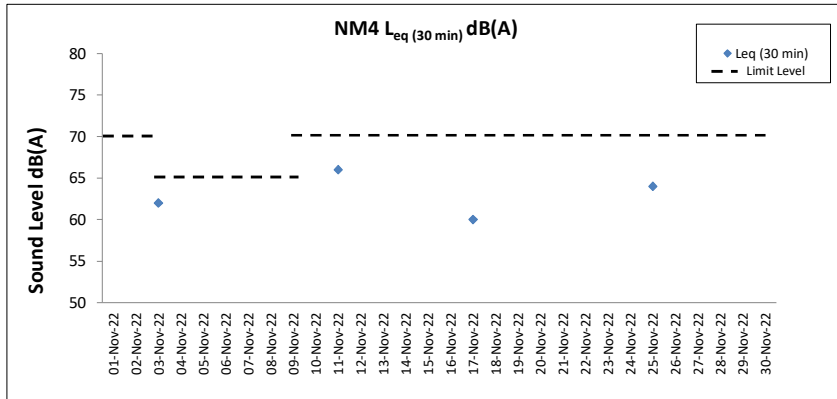
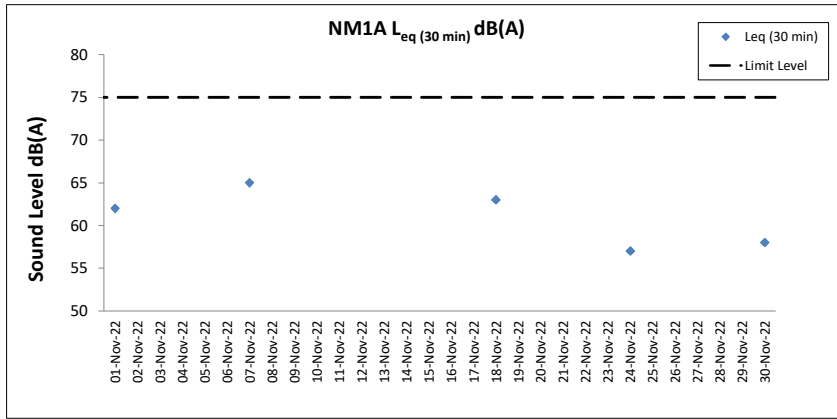
Station: NM6- House No.1 Sha Lo Wan

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A) ^
4-Nov-22	Cloudy	15:41	55.3	41.1	64
4-Nov-22	Cloudy	15:46	48.2	41.7	
4-Nov-22	Cloudy	15:51	58.0	41.0	
4-Nov-22	Cloudy	15:56	70.6	43.3	
4-Nov-22	Cloudy	16:01	67.1	51.6	
4-Nov-22	Cloudy	16:06	65.1	57.4	
11-Nov-22	Sunny	14:20	74.3	51.7	62*
11-Nov-22	Sunny	14:25	72.2	55.1	
11-Nov-22	Sunny	14:30	65.2	54.6	
11-Nov-22	Sunny	14:35	64.7	53.1	
11-Nov-22	Sunny	14:40	65.0	51.4	
11-Nov-22	Sunny	14:45	67.1	50.9	
17-Nov-22	Cloudy	15:42	58.0	46.9	65
17-Nov-22	Cloudy	15:47	70.8	48.4	
17-Nov-22	Cloudy	15:52	71.2	46.1	
17-Nov-22	Cloudy	15:57	50.1	41.4	
17-Nov-22	Cloudy	16:02	51.5	42.5	
17-Nov-22	Cloudy	16:07	51.4	41.5	
25-Nov-22	Sunny	9:44	49.9	43.3	63
25-Nov-22	Sunny	9:49	51.2	44.3	
25-Nov-22	Sunny	9:54	53.2	42.9	
25-Nov-22	Sunny	9:59	59.5	43.8	
25-Nov-22	Sunny	10:04	66.7	48.0	
25-Nov-22	Sunny	10:09	65.6	44.5	

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 03 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA									
C1	Rainy	Rough	09:12	8.4	Surface	1.0	0.4	219	22.3	22.3	8.2	8.2	32.5	32.5	94.2	94.2	6.8	6.8	10.8	10.4	6	7	815640	804266							
						1.0	0.4	215	22.3		8.2	8.2	32.5	32.5	94.2	94.2	6.8		11.0		6										
					Middle	4.2	0.5	201	22.4	22.4	8.2	8.2	32.6	32.6	93.4	93.3	6.7	6.7	9.6	6.6	7				6.6	8	6.6	6.6	6.6	6.6	
						4.2	0.5	204	22.4		8.2	8.2	32.6	32.6	93.2	93.3	6.7		9.3		7										
					Bottom	7.4	0.4	193	22.4	22.4	8.2	8.2	32.5	32.5	91.6	91.5	6.6	6.6	10.7	6.6	6.6				6.6	10.7	6.6	9	6.6	6.6	6.6
						7.4	0.4	196	22.4		8.2	8.2	32.5	32.5	91.4	91.5	6.6		10.8		6.6					10.8		8			
C2	Rainy	Rough	10:24	11.0	Surface	1.0	0.4	161	22.7	22.7	8.2	8.2	32.1	32.1	92.4	92.4	6.6	6.6	5.8	10.3	7	7	825667	806962							
						1.0	0.4	158	22.7		8.2	8.2	32.1	32.1	92.4	92.4	6.6		6.4		7										
					Middle	5.5	0.5	172	22.7	22.7	8.2	8.2	32.3	32.3	92.3	92.3	6.6	6.6	9.9	6.6	6.6				6.6	8	6.6	6.6	6.6	6.6	
						5.5	0.5	165	22.7		8.2	8.2	32.3	32.3	92.3	92.3	6.6		10.0		6.6					7					
					Bottom	10.0	0.5	168	22.7	22.7	8.2	8.2	32.2	32.2	93.6	93.7	6.7	6.7	14.8	6.7	6.7				6.7	14.8	6.7	7	6.7	6.7	6.7
						10.0	0.5	165	22.7		8.2	8.2	32.2	32.2	93.8	93.7	6.7		14.9		6.7					14.9		8			
C3	Rainy	Moderate	09:15	9.0	Surface	1.0	0.2	61	23.3	23.3	8.0	8.0	35.5	35.5	95.3	95.3	6.6	6.6	1.1	2.4	7	9	822124	817805							
						1.0	0.3	62	23.3		8.0	8.0	35.5	35.5	95.3	95.3	6.6		1.1		8										
					Middle	4.5	0.3	86	23.3	23.3	8.0	8.0	35.5	35.5	95.5	95.6	6.6	6.6	2.2	6.6	6.6				6.6	2.2	6.6	6.6	6.6	6.6	
						4.5	0.3	79	23.3		8.0	8.0	35.5	35.5	95.6	95.6	6.7		2.2		6.7					2.2					
					Bottom	8.0	0.2	71	23.3	23.3	8.0	8.0	35.4	35.4	96.6	96.7	6.7	6.7	3.9	6.7	6.7				6.7	3.9	6.7	9	6.7	6.7	
						8.0	0.2	70	23.3		8.0	8.0	35.4	35.4	96.7	96.7	6.7		3.9		6.7					3.9		10			
IM1	Rainy	Moderate	09:29	6.9	Surface	1.0	0.4	195	22.2	22.2	8.2	8.2	32.6	32.6	93.2	93.2	6.7	6.7	12.0	12.4	8	8	818363	806451							
						1.0	0.3	195	22.2		8.2	8.2	32.6	32.6	93.2	93.2	6.7		12.1		6.7				12.1	8					
					Middle	3.5	0.3	186	22.3	22.3	8.2	8.2	32.6	32.6	93.3	93.3	6.7	6.7	12.5	6.7	6.7				6.7	12.5	6.7	6.7	6.7	6.7	
						3.5	0.3	179	22.3		8.2	8.2	32.6	32.6	93.3	93.3	6.7		12.7		6.7					12.7					8
					Bottom	5.9	0.4	195	22.3	22.3	8.2	8.2	32.6	32.6	93.5	93.5	6.7	6.7	12.9	6.7	6.7				6.7	12.9	6.7	9	6.7	6.7	
						5.9	0.4	199	22.3		8.2	8.2	32.6	32.6	93.5	93.5	6.7		12.1		6.7					12.1		8			
IM2	Rainy	Moderate	09:35	7.3	Surface	1.0	0.4	208	22.2	22.2	8.2	8.2	32.6	32.6	93.3	93.3	6.7	6.7	7.7	9.1	7	7	819171	806213							
						1.0	0.4	209	22.2		8.2	8.2	32.6	32.6	93.3	93.3	6.7		7.8		6.7				7.8	8					
					Middle	3.7	0.4	211	22.2	22.2	8.2	8.2	32.7	32.7	93.5	93.5	6.7	6.7	8.9	6.7	6.7				6.7	8.9	6.7	6.7	6.7		
						3.7	0.4	211	22.2		8.2	8.2	32.7	32.7	93.5	93.5	6.7		9.0		6.7					9.0				7	
					Bottom	6.3	0.4	224	22.2	22.2	8.2	8.2	32.6	32.6	94.7	94.9	6.8	6.8	10.5	6.8	6.8				6.8	10.5	6.8	6	6.8	6.8	
						6.3	0.4	222	22.2		8.2	8.2	32.6	32.6	95.0	94.9	6.8		10.7		6.8					10.7		7			
IM7	Rainy	Moderate	10:00	8.0	Surface	1.0	0.3	206	22.9	22.9	8.2	8.2	32.9	32.9	92.7	92.7	6.6	6.6	6.1	9.0	9	10	821352	806824							
						1.0	0.3	208	22.9		8.2	8.2	32.9	32.9	92.7	92.7	6.6		6.1		6.6				6.1	8					
					Middle	4.0	0.3	228	22.9	22.9	8.2	8.2	32.9	32.9	92.6	92.6	6.6	6.6	7.4	6.6	6.6				6.6	7.4	6.6	6.6	6.6		
						4.0	0.3	223	22.9		8.2	8.2	32.9	32.9	92.6	92.6	6.6		7.1		6.6					7.1				10	
					Bottom	7.0	0.3	187	22.9	22.9	8.2	8.2	32.9	32.9	92.9	92.9	6.6	6.6	13.4	6.6	6.6				6.6	13.4	6.6	11	6.6	6.6	
						7.0	0.3	184	22.9		8.2	8.2	32.9	32.9	92.9	92.9	6.6		13.8		6.6					13.8		10			

DA: Depth-Averaged

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

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

Note: The ebb tide and flood tide monitoring sessions on 1 November 2022 was cancelled due to Strong Wind Signal No. 3.

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

Water Quality Monitoring Results on 03 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Rainy	Moderate	10:23	8.6	Surface	1.0	0.3	135	23.3	23.3	8.2	8.2	35.4	35.4	96.5	96.6	6.7	6.8	4.4	5.6	10	9	822239	809859
						1.0	0.3	130	23.3		8.2	8.2	35.4	35.4	96.7	96.6	6.7		4.3		9			
					Middle	4.3	0.4	128	23.3	23.3	8.2	8.2	35.4	35.4	97.3	97.4	6.8	6.9	5.8	8				
						4.3	0.4	122	23.3		8.2	8.2	35.4	35.4	97.5	97.4	6.8		5.8	9				
					Bottom	7.6	0.3	113	23.3	23.3	8.2	8.2	35.4	35.4	98.2	98.4	6.8	6.9	6.5	8				
						7.6	0.3	118	23.3		8.2	8.2	35.4	35.4	98.6	98.4	6.9		6.6	9				
IM11	Rainy	Moderate	10:17	8.2	Surface	1.0	0.3	117	22.8	22.8	8.2	8.2	35.0	35.0	95.1	95.2	6.7	6.7	2.5	3.4	6	8	821491	810549
						1.0	0.3	119	22.8		8.2	8.2	35.0	35.0	95.2	95.2	6.7		2.5		7			
					Middle	4.1	0.3	91	22.8	22.8	8.2	8.2	35.0	35.0	95.5	95.6	6.7	7.0	3.0	7				
						4.1	0.3	97	22.7		8.2	8.2	35.0	35.0	95.6	95.6	6.7		3.1	8				
					Bottom	7.2	0.3	98	22.5	22.5	8.2	8.2	35.2	35.2	96.3	98.1	6.8	7.1	4.7	9				
						7.2	0.3	91	22.4		8.2	8.2	35.3	35.2	99.9	98.1	7.1		4.7	10				
IM12	Rainy	Moderate	10:10	7.4	Surface	1.0	0.4	111	23.3	23.3	8.2	8.2	35.0	35.1	94.7	94.8	6.6	6.7	2.3	3.3	11	10	821177	811537
						1.0	0.4	107	23.3		8.2	8.2	35.2	35.1	94.9	94.8	6.7		2.3		10			
					Middle	3.7	0.4	93	23.3	23.3	8.2	8.2	35.2	35.2	95.8	95.9	6.7	6.8	3.4	10				
						3.7	0.4	90	23.3		8.2	8.2	35.2	35.2	96.0	96.7	6.7		3.4	10				
					Bottom	6.4	0.4	117	23.3	23.3	8.2	8.2	35.2	35.2	97.2	97.6	6.8	6.8	4.3	8				
						6.4	0.4	117	23.3		8.2	8.2	35.2	35.2	98.0	97.6	6.8		4.2	9				
SR1A	Rainy	Moderate	09:49	4.4	Surface	1.0	0.0	68	23.1	23.1	8.2	8.2	34.4	34.4	94.1	94.3	6.6	6.6	2.1	2.6	7	9	819972	812661
						1.0	0.0	74	23.1		8.2	8.2	34.4	34.4	94.5	94.3	6.6		2.1		8			
					Middle	2.2	0.0	55	-	-	-	-	-	-	-	-	-	6.8	-	6				
						2.2	0.0	57	-		-	-	-	-	-	-	-		-	-	7			
					Bottom	3.4	0.1	57	23.1	23.1	8.2	8.2	34.4	34.4	95.8	96.0	6.7	6.8	3.0	10				
						3.4	0.1	58	23.0		8.2	8.2	34.3	34.4	96.2	96.0	6.8		3.1	9				
SR2	Rainy	Moderate	09:37	5.2	Surface	1.0	0.5	35	23.2	23.3	8.2	8.2	35.3	35.3	97.8	97.9	6.8	6.8	4.3	4.8	7	8	821463	814151
						1.0	0.5	36	23.3		8.2	8.2	35.3	35.3	98.0	98.0	6.8		4.2		6			
					Middle	-	0.4	31	-	-	-	-	-	-	-	-	-	6.9	-	8				
						-	0.4	38	-		-	-	-	-	-	-	-		-	8				
					Bottom	4.2	0.5	14	23.3	23.3	8.2	8.2	35.4	35.4	99.1	99.4	6.9	6.9	5.3	9				
						4.2	0.4	7	23.3		8.2	8.2	35.4	35.4	99.7	99.4	6.9		5.4	9				
SR3	Rainy	Moderate	10:08	8.7	Surface	1.0	0.4	170	22.8	22.8	8.2	8.2	32.7	32.7	92.5	92.5	6.6	6.6	7.8	11.0	6	7	822144	807576
						1.0	0.4	167	22.8		8.2	8.2	32.7	32.7	92.4	92.4	6.6		8.0		7			
					Middle	4.4	0.4	177	22.8	22.8	8.2	8.2	32.7	32.7	91.9	91.9	6.6	6.4	11.4	7				
						4.4	0.4	179	22.8		8.2	8.2	32.7	32.7	91.8	91.8	6.6		11.8	7				
					Bottom	7.7	0.4	146	22.8	22.8	8.2	8.2	32.7	32.7	89.6	89.4	6.4	6.4	13.8	8				
						7.7	0.5	149	22.8		8.2	8.2	32.7	32.7	89.2	89.4	6.4		13.2	9				
SR4A	Rainy	Rough	08:45	8.8	Surface	1.0	0.0	35	22.3	22.3	8.2	8.2	32.4	32.4	94.7	94.7	6.8	6.8	7.5	12.2	4	5	817194	807799
						1.0	0.0	39	22.3		8.2	8.2	32.4	32.4	94.7	94.7	6.8		7.8		6			
					Middle	4.4	0.1	14	22.3	22.3	8.2	8.2	32.5	32.5	94.6	94.6	6.8	6.8	12.6	4				
						4.4	0.0	13	22.3		8.2	8.2	32.5	32.5	94.6	94.6	6.8		12.4	5				
					Bottom	7.8	0.0	47	22.4	22.4	8.2	8.2	32.4	32.4	94.0	93.9	6.8	6.8	16.1	4				
						7.8	0.0	46	22.4		8.2	8.2	32.4	32.4	93.8	93.8	6.8		16.7	5				
SR8	Rainy	Moderate	10:05	4.8	Surface	1.0	-	-	23.5	23.5	8.2	8.2	35.1	35.1	95.6	95.7	6.7	6.7	2.9	3.1	8	8	820381	811623
						1.0	-	-	23.4		8.2	8.2	35.1	35.1	95.7	95.7	6.7		2.9		9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	6.8	-	7				
						-	-	-	-		-	-	-	-	-	-	-		-	-	7			
					Bottom	3.8	-	-	23.4	23.4	8.2	8.2	35.1	35.1	96.8	97.0	6.7	6.8	3.3	7				
						3.8	-	-	23.4		8.2	8.2	35.1	35.1	97.1	97.0	6.8		3.3	7				

DA: Depth-Averaged

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

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

Note: The ebb tide and flood tide monitoring sessions on 1 November 2022 was cancelled due to Strong Wind Signal No. 3.

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

Water Quality Monitoring Results on 03 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Rainy	Moderate	15:40	8.5	Surface	1.0	0.3	19	22.4	22.4	8.2	8.2	32.8	32.8	94.1	94.1	6.8	6.8	12.2	12.8	4	5	815621	804249
						1.0	0.3	12	22.4		8.2	8.2	32.8	32.8	94.1	94.1	6.8							
					Middle	4.3	0.3	47	22.4	22.4	8.2	8.2	32.9	32.9	94.2	94.3	6.8	6.8	12.3	6	5			
						4.3	0.3	47	22.4		8.2	8.2	32.9	32.9	94.3	94.3	6.8							
					Bottom	7.5	0.2	10	22.4	22.4	8.2	8.2	32.8	32.8	95.1	95.3	6.8	6.9	13.2	5	6			
						7.5	0.2	7	22.4		8.2	8.2	32.8	32.8	95.4	95.3	6.9							
C2	Rainy	Rough	14:44	10.1	Surface	1.0	0.0	266	22.8	22.8	8.2	8.2	32.0	32.0	92.1	92.1	6.6	6.6	5.2	8.8	8	8	825660	806956
						1.0	0.0	260	22.8		8.2	8.2	32.0	32.0	92.1	92.1	6.6							
					Middle	5.1	0.0	287	22.7	22.7	8.2	8.2	32.2	32.2	91.6	91.6	6.6	6.6	8.5	8	7			
						5.1	0.0	288	22.7		8.2	8.2	32.3	32.2	91.5	91.6	6.6							
					Bottom	9.1	0.1	274	22.7	22.7	8.2	8.2	32.2	32.2	91.1	91.2	6.5	6.5	12.9	7	7			
						9.1	0.1	266	22.7		8.2	8.2	32.2	32.2	91.2	91.2	6.5							
C3	Rainy	Moderate	15:52	7.8	Surface	1.0	0.3	269	23.3	23.3	8.2	8.2	35.4	35.4	97.0	97.1	6.8	6.8	4.3	5.3	5	6	822117	817814
						1.0	0.3	273	23.3		8.2	8.2	35.4	35.4	97.2	97.1	6.8							
					Middle	3.9	0.4	279	23.3	23.3	8.2	8.2	35.4	35.4	97.5	97.6	6.8	6.8	5.4	6	5			
						3.9	0.4	277	23.3		8.2	8.2	35.4	35.4	97.7	97.6	6.8							
					Bottom	6.8	0.4	253	23.3	23.3	8.2	8.2	35.4	35.4	98.2	98.5	6.8	6.9	6.1	5	5			
						6.8	0.4	252	23.3		8.2	8.2	35.4	35.4	98.7	98.5	6.9							
IM1	Rainy	Moderate	15:25	6.2	Surface	1.0	0.1	15	22.3	22.3	8.2	8.2	32.7	32.7	94.1	94.1	6.8	6.8	8.6	9.3	6	5	818356	806452
						1.0	0.1	7	22.3		8.2	8.2	32.7	32.7	94.1	94.1	6.8							
					Middle	3.1	0.1	30	22.3	22.3	8.2	8.2	32.8	32.8	94.2	94.2	6.8	6.8	8.8	7	5			
						3.1	0.1	33	22.3		8.2	8.2	32.8	32.8	94.2	94.2	6.8							
					Bottom	5.2	0.2	38	22.3	22.3	8.2	8.2	32.8	32.8	94.6	94.7	6.8	6.8	10.4	7	7			
						5.2	0.2	40	22.3		8.2	8.2	32.8	32.8	94.8	94.7	6.8							
IM2	Rainy	Moderate	15:20	7.0	Surface	1.0	0.1	350	22.2	22.2	8.2	8.2	32.4	32.4	93.9	93.9	6.8	6.8	4.6	7.3	6	4	819181	806235
						1.0	0.1	351	22.2		8.2	8.2	32.4	32.4	93.9	93.9	6.8							
					Middle	3.5	0.1	337	22.3	22.3	8.2	8.2	32.7	32.7	94.1	94.1	6.8	6.8	7.1	7	6			
						3.5	0.1	335	22.3		8.2	8.2	32.7	32.7	94.1	94.1	6.8							
					Bottom	6.0	0.1	321	22.3	22.3	8.2	8.2	32.8	32.8	94.5	94.6	6.8	6.8	10.2	7	7			
						6.0	0.1	313	22.3		8.2	8.2	32.8	32.8	94.6	94.6	6.8							
IM7	Rainy	Moderate	15:03	7.5	Surface	1.0	0.1	284	22.8	22.8	8.2	8.2	32.7	32.7	92.8	92.8	6.6	6.6	8.6	12.3	8	8	821372	806822
						1.0	0.1	290	22.8		8.2	8.2	32.7	32.7	92.7	92.8	6.6							
					Middle	3.8	0.2	309	22.8	22.8	8.2	8.2	32.8	32.8	92.8	92.8	6.6	6.6	12.8	9	8			
						3.8	0.1	314	22.8		8.2	8.2	32.8	32.8	92.8	92.8	6.6							
					Bottom	6.5	0.2	278	22.8	22.8	8.2	8.2	32.8	32.8	94.5	94.7	6.7	6.8	15.4	6	7			
						6.5	0.2	270	22.8		8.2	8.2	32.8	32.8	94.8	94.7	6.8							

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

Note: The ebb tide and flood tide monitoring sessions on 1 November 2022 was cancelled due to Strong Wind Signal No. 3.

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

Water Quality Monitoring Results on 03 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Rainy	Moderate	14:43	8.0	Surface	1.0	0.2	283	23.3	23.3	8.2	8.2	35.4	35.4	94.4	94.4	6.6	6.6	3.4	4.6	5	6	822259	809817
						1.0	0.2	288	23.3		8.2	8.2	35.5	35.4	94.4	94.4	6.6		3.4		5			
					Middle	4.0	0.2	286	23.3	23.3	8.2	8.2	35.4	35.4	94.6	94.6	6.6	6.6	4.7	6				
						4.0	0.2	287	23.3		8.2	8.2	35.4	35.4	94.6	94.6	6.6		4.7	6				
					Bottom	7.0	0.2	265	23.3	23.3	8.2	8.2	35.4	35.4	94.8	94.9	6.6	6.6	5.9	8				
						7.0	0.2	259	23.3		8.2	8.2	35.4	35.4	95.0	94.9	6.6		5.5	6				
IM11	Rainy	Moderate	14:51	8.2	Surface	1.0	0.2	274	22.8	22.8	8.2	8.2	35.0	35.0	96.9	97.0	6.8	6.9	2.4	3.6	5	5	821509	810545
						1.0	0.3	280	22.8		8.2	8.2	35.0	35.0	97.1	97.0	6.8		2.5		6			
					Middle	4.1	0.2	276	22.8	22.8	8.2	8.2	35.0	35.0	97.6	97.8	6.9	6.9	3.7	6				
						4.1	0.3	281	22.8		8.2	8.2	35.0	35.0	97.9	97.8	6.9		3.7	5				
					Bottom	7.2	0.3	247	22.8	22.8	8.2	8.2	35.0	35.0	98.5	98.8	6.9	7.0	4.6	5				
						7.2	0.3	250	22.8		8.2	8.2	35.0	35.0	99.0	98.8	7.0		4.6	5				
IM12	Rainy	Moderate	14:57	7.2	Surface	1.0	0.3	286	23.3	23.3	8.2	8.2	35.2	35.2	96.2	96.3	6.7	6.8	2.1	3.3	7	8	821176	811498
						1.0	0.3	286	23.3		8.2	8.2	35.2	35.2	96.4	96.3	6.7		2.1		6			
					Middle	3.6	0.3	300	23.3	23.3	8.2	8.2	35.2	35.2	97.0	97.2	6.8	6.9	3.2	8				
						3.6	0.3	305	23.3		8.2	8.2	35.2	35.2	97.3	97.2	6.8		3.1	8				
					Bottom	6.2	0.4	267	23.3	23.3	8.2	8.2	35.2	35.2	98.2	98.7	6.9	6.9	4.6	9				
						6.2	0.3	268	23.3		8.2	8.2	35.2	35.2	99.2	98.7	6.9		4.6	10				
SR1A	Rainy	Moderate	15:16	4.0	Surface	1.0	0.0	214	23.1	23.1	8.2	8.2	34.5	34.5	92.6	92.7	6.5	6.5	2.9	3.0	6	7	819980	812663
						1.0	0.0	207	23.1		8.2	8.2	34.5	34.5	92.7	92.7	6.5		2.9		7			
					Middle	2.0	0.0	188	-	-	-	-	-	-	-	-	-	-	-	-				
						2.0	0.1	183	-		-	-	-	-	-	-	-		-	-				
					Bottom	3.0	0.0	222	23.1	23.1	8.2	8.2	34.5	34.5	93.0	93.0	6.5	6.5	3.0	8				
						3.0	0.0	226	23.1		8.2	8.2	34.5	34.5	93.0	93.0	6.5		3.0	8				
SR2	Rainy	Moderate	15:29	5.2	Surface	1.0	0.1	222	23.3	23.3	8.2	8.2	35.1	35.1	98.2	98.5	6.9	6.9	5.6	6.2	5	6	821446	814142
						1.0	0.0	218	23.3		8.2	8.2	35.1	35.1	98.7	98.5	6.9		5.5		6			
					Middle	-	0.2	215	-	-	-	-	-	-	-	-	-	-	-	-				
						-	0.2	221	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.2	0.1	210	23.2	23.3	8.2	8.2	35.0	34.9	99.1	99.4	6.9	7.0	6.8	6				
						4.2	0.0	216	23.3		8.2	8.2	34.9	34.9	99.6	99.4	7.0		6.8	6				
SR3	Rainy	Rough	14:57	8.5	Surface	1.0	0.1	303	22.9	22.9	8.2	8.2	32.6	32.6	92.5	92.5	6.6	6.6	4.4	8.9	9	8	822155	807552
						1.0	0.1	305	22.9		8.2	8.2	32.6	32.6	92.5	92.5	6.6		4.5		8			
					Middle	4.3	0.1	283	22.9	22.9	8.2	8.2	32.7	32.7	92.5	92.6	6.6	6.6	8.5	7				
						4.3	0.1	288	22.9		8.2	8.2	32.7	32.7	92.6	92.6	6.6		8.6	8				
					Bottom	7.5	0.1	299	22.9	22.9	8.2	8.2	32.7	32.7	93.1	93.2	6.6	6.6	14.1	8				
						7.5	0.1	294	22.9		8.2	8.2	32.7	32.7	93.2	93.2	6.6		13.3	7				
SR4A	Rainy	Moderate	15:59	8.4	Surface	1.0	0.0	253	22.2	22.2	8.2	8.2	31.2	31.2	90.7	90.7	6.6	6.6	8.3	9.7	5	4	817205	807829
						1.0	0.0	253	22.2		8.2	8.2	31.2	31.2	90.7	90.7	6.6		8.7		4			
					Middle	4.2	0.0	230	22.2	22.2	8.2	8.2	31.3	31.3	90.8	90.9	6.6	6.6	9.2	4				
						4.2	0.0	233	22.2		8.2	8.2	31.3	31.3	90.9	90.9	6.6		9.6	5				
					Bottom	7.4	0.0	235	22.2	22.2	8.2	8.2	31.3	31.3	93.0	93.1	6.8	6.8	11.4	4				
						7.4	0.0	233	22.2		8.2	8.2	31.3	31.3	93.2	93.1	6.8		11.3	4				
SR8	Rainy	Moderate	15:01	4.8	Surface	1.0	-	-	23.4	23.4	8.2	8.2	34.9	34.9	97.6	97.7	6.8	6.8	3.9	4.6	5	6	820386	811606
						1.0	-	-	23.3		8.2	8.2	34.9	34.9	97.8	97.7	6.8		4.1		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-	-		-	-	-	-	-	-	-		-	-				
					Bottom	3.8	-	-	23.3	23.3	8.2	8.2	35.1	35.1	99.0	99.2	6.9	6.9	5.2	7				
						3.8	-	-	23.3		8.2	8.2	35.1	35.1	99.4	99.2	6.9		5.3	6				

DA: Depth-Averaged

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

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

Note: The ebb tide and flood tide monitoring sessions on 1 November 2022 was cancelled due to Strong Wind Signal No. 3.

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

Water Quality Monitoring

Water Quality Monitoring Results on 05 November 22 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	10:02	8.3	Surface	1.0	0.4	201	<u>22.2</u>	8.2	8.2	<u>32.8</u>	32.8	<u>92.9</u>	92.9	6.7	6.7	4.8	7.3	13	12	815607	804234	
						1.0	0.4	204	22.2	8.2	8.2	<u>32.8</u>	32.8	<u>92.9</u>	92.9	6.7		4.8		14				
					Middle	4.2	0.3	223	<u>22.2</u>	8.2	8.2	<u>32.8</u>	32.8	<u>92.5</u>	92.5	6.7		7.9		12				
						4.2	0.3	215	<u>22.2</u>	8.2	8.2	<u>32.8</u>	32.8	<u>92.4</u>	92.4	6.7		8.0		12				
					Bottom	7.3	0.3	198	<u>22.2</u>	8.2	8.2	<u>32.8</u>	32.8	<u>92.0</u>	92.0	6.6		9.2		11				
						7.3	0.3	198	<u>22.2</u>	8.2	8.2	<u>32.8</u>	32.8	<u>91.9</u>	91.9	6.6		9.2		12				
C2	Cloudy	Rough	11:31	10.1	Surface	1.0	0.5	153	<u>22.7</u>	8.2	8.2	<u>32.2</u>	32.2	<u>91.6</u>	91.6	6.6	6.6	5.6	6.5	12	12	825670	806954	
						1.0	0.5	155	<u>22.7</u>	8.2	8.2	<u>32.2</u>	32.2	<u>91.6</u>	91.6	6.6		5.6		12				
					Middle	5.1	0.5	159	<u>22.7</u>	8.2	8.2	<u>32.3</u>	32.3	<u>90.8</u>	90.8	6.5		9.3		12				
						5.1	0.5	155	<u>22.7</u>	8.2	8.2	<u>32.3</u>	32.3	<u>90.8</u>	90.8	6.5		9.4		11				
					Bottom	9.1	0.5	168	<u>22.7</u>	8.1	8.1	<u>32.3</u>	32.3	<u>90.4</u>	90.4	6.5		4.5		11				
						9.1	0.5	162	<u>22.7</u>	8.1	8.1	<u>32.3</u>	32.3	<u>90.4</u>	90.4	6.5		4.6		11				
C3	Misty	Moderate	10:35	9.0	Surface	1.0	0.3	81	<u>23.1</u>	8.1	8.1	<u>35.2</u>	35.2	<u>100.2</u>	100.4	7.0	7.1	1.7	2.3	14	15	822122	817818	
						1.0	0.4	87	<u>23.1</u>	8.1	8.1	<u>35.2</u>	35.2	<u>100.5</u>	100.4	7.0		1.6		14				
					Middle	4.5	0.3	92	<u>23.1</u>	8.2	8.2	<u>35.2</u>	35.2	<u>101.2</u>	101.4	7.1		2.6		16				
						4.5	0.4	93	<u>23.1</u>	8.2	8.2	<u>35.2</u>	35.2	<u>101.5</u>	101.4	7.1		2.6		15				
					Bottom	8.0	0.3	90	<u>23.1</u>	8.2	8.2	<u>35.1</u>	35.1	<u>102.2</u>	102.5	7.1		2.7		16				
						8.0	0.3	92	<u>23.1</u>	8.2	8.2	<u>35.1</u>	35.1	<u>102.7</u>	102.5	7.2		2.7		17				
IM1	Cloudy	Rough	10:26	7.8	Surface	1.0	0.3	179	<u>22.2</u>	8.2	8.2	<u>32.6</u>	32.6	<u>93.0</u>	93.0	6.7	6.7	3.7	6.2	11	12	818365	806464	
						1.0	0.3	182	<u>22.2</u>	8.2	8.2	<u>32.6</u>	32.6	<u>93.0</u>	93.0	6.7		3.7		12				
					Middle	3.9	0.2	199	<u>22.2</u>	8.2	8.2	<u>32.6</u>	32.6	<u>92.7</u>	92.7	6.7		3.8		12				
						3.9	0.2	204	<u>22.2</u>	8.2	8.2	<u>32.6</u>	32.6	<u>92.7</u>	92.7	6.7		3.8		11				
					Bottom	6.8	0.3	210	<u>22.2</u>	8.1	8.1	<u>32.6</u>	32.6	<u>92.1</u>	92.1	6.7		11.2		12				
						6.8	0.3	207	<u>22.2</u>	8.1	8.1	<u>32.6</u>	32.6	<u>92.1</u>	92.1	6.7		11.1		13				
IM2	Cloudy	Rough	10:32	8.6	Surface	1.0	0.4	208	<u>22.3</u>	8.2	8.2	<u>32.6</u>	32.6	<u>91.4</u>	91.4	6.6	6.6	5.1	6.6	9	11	819168	806232	
						1.0	0.3	204	<u>22.3</u>	8.2	8.2	<u>32.6</u>	32.6	<u>91.4</u>	91.4	6.6		5.2		10				
					Middle	4.3	0.3	188	<u>22.3</u>	8.2	8.2	<u>32.5</u>	32.5	<u>91.2</u>	91.2	6.6		7.5		11				
						4.3	0.4	188	<u>22.3</u>	8.2	8.2	<u>32.5</u>	32.5	<u>91.2</u>	91.2	6.6		7.5		10				
					Bottom	7.6	0.4	213	<u>22.3</u>	8.2	8.2	<u>32.5</u>	32.5	<u>91.0</u>	91.0	6.6		7.1		11				
						7.6	0.3	206	<u>22.3</u>	8.2	8.2	<u>32.5</u>	32.5	<u>91.0</u>	91.0	6.6		7.1		12				
IM7	Cloudy	Rough	10:53	8.8	Surface	1.0	0.3	182	<u>22.3</u>	8.2	8.2	<u>32.4</u>	32.4	<u>92.2</u>	92.2	6.6	6.6	3.4	4.3	11	10	821340	806829	
						1.0	0.2	180	<u>22.3</u>	8.2	8.2	<u>32.4</u>	32.4	<u>92.2</u>	92.2	6.6		3.4		10				
					Middle	4.4	0.2	195	<u>22.3</u>	8.2	8.2	<u>32.4</u>	32.4	<u>91.8</u>	91.9	6.6		4.1		10				
						4.4	0.2	196	<u>22.3</u>	8.2	8.2	<u>32.4</u>	32.4	<u>91.9</u>	91.9	6.6		4.0		10				
					Bottom	7.8	0.2	176	<u>22.2</u>	8.1	8.1	<u>32.5</u>	32.5	<u>91.8</u>	91.8	6.6		5.4		10				
						7.8	0.2	175	<u>22.2</u>	8.1	8.1	<u>32.5</u>	32.5	<u>91.8</u>	91.8	6.6		5.4		10				

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 05 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Misty	Moderate	11:44	8.6	Surface	1.0	0.4	128	22.7	8.2	8.2	35.2	35.2	97.4	97.5	6.9	6.9	6.9	6.5	6.5	11	822233	809837	
						1.0	0.4	124	22.7	8.2	8.2	35.2	35.2	97.6	97.5	6.9								
					Middle	4.3	0.4	132	22.7	8.2	8.2	35.2	35.2	98.3	98.5	6.9								
						4.3	0.4	135	22.7	8.2	8.2	35.2	35.2	98.7	98.5	6.9								
					Bottom	7.6	0.3	143	22.7	8.2	8.2	35.2	35.2	100.0	100.3	7.0								
						7.6	0.3	147	22.7	8.2	8.2	35.2	35.2	100.6	100.3	7.1								
IM11	Misty	Moderate	11:38	8.0	Surface	1.0	0.4	108	22.7	8.2	8.2	35.2	35.2	97.9	97.9	6.9	7.0	6.9	8.2	8.2	8	821515	810522	
						1.0	0.4	108	22.7	8.2	8.2	35.2	35.2	97.9	97.9	6.9								
					Middle	4.0	0.3	96	22.7	8.2	8.2	35.2	35.2	98.7	98.9	7.0								
						4.0	0.4	97	22.7	8.2	8.2	35.2	35.2	99.1	98.9	7.0								
					Bottom	7.0	0.4	81	22.7	8.2	8.2	35.2	35.2	100.6	100.8	7.1								
						7.0	0.4	74	22.7	8.2	8.2	35.2	35.2	100.9	100.8	7.1								
IM12	Misty	Moderate	11:32	7.4	Surface	1.0	0.4	92	22.7	8.2	8.2	35.3	35.3	97.4	97.5	6.9	6.9	6.9	7.2	7.2	12	821168	811498	
						1.0	0.4	87	22.7	8.2	8.2	35.3	35.3	97.6	97.5	6.9								
					Middle	3.7	0.5	118	22.7	8.2	8.2	35.3	35.3	98.6	98.8	6.9								
						3.7	0.5	124	22.6	8.2	8.2	35.3	35.3	98.9	98.8	7.0								
					Bottom	6.4	0.4	122	22.6	8.2	8.2	35.3	35.3	99.8	100.1	7.0								
						6.4	0.4	117	22.6	8.2	8.2	35.3	35.3	100.4	100.1	7.1								
SR1A	Misty	Moderate	11:12	4.4	Surface	1.0	0.0	83	23.0	8.2	8.2	34.9	34.9	96.3	96.7	6.8	6.8	6.8	4.1	4.1	15	819974	812662	
						1.0	0.1	88	23.0	8.2	8.2	34.9	34.9	97.0	96.7	6.8								
					Middle	2.2	-	78	-	-	-	-	-	-	-	-								
						2.2	0.0	75	-	-	-	-	-	-	-	-								
					Bottom	3.4	0.0	83	23.0	8.2	8.2	34.9	34.9	98.6	99.0	6.9								
						3.4	0.1	77	23.0	8.2	8.2	35.0	34.9	99.4	99.0	7.0								
SR2	Misty	Moderate	10:55	4.8	Surface	1.0	0.4	51	23.1	8.1	8.1	35.2	35.2	95.2	95.2	6.7	6.7	6.7	2.2	2.2	11	821442	814178	
						1.0	0.3	48	23.1	8.1	8.1	35.2	35.2	95.2	95.2	6.7								
					Middle	-	0.4	37	-	-	-	-	-	-	-	-								
						-	0.4	29	-	-	-	-	-	-	-	-								
					Bottom	3.8	0.4	38	23.1	8.1	8.1	35.2	35.2	98.5	98.6	6.9								
						3.8	0.4	35	23.1	8.1	8.1	35.2	35.2	98.7	98.6	6.9								
SR3	Cloudy	Rough	11:02	9.2	Surface	1.0	0.4	167	22.3	8.2	8.2	32.5	32.5	90.9	90.9	6.6	6.6	6.6	6.4	6.4	12	822137	807568	
						1.0	0.4	164	22.3	8.2	8.2	32.5	32.5	90.9	90.9	6.6								
					Middle	4.6	0.4	173	22.3	8.2	8.2	32.5	32.5	90.8	90.8	6.5								
						4.6	0.4	168	22.3	8.2	8.2	32.5	32.5	90.8	90.8	6.5								
					Bottom	8.2	0.5	151	22.2	8.2	8.2	32.5	32.5	90.6	90.6	6.5								
						8.2	0.4	144	22.2	8.2	8.2	32.5	32.5	90.6	90.6	6.5								
SR4A	Cloudy	Rough	09:35	10.8	Surface	1.0	0.1	88	22.2	8.2	8.2	32.8	32.8	92.2	92.2	6.6	6.7	6.7	7.1	7.1	12	817184	807816	
						1.0	0.0	86	22.2	8.2	8.2	32.8	32.8	92.2	92.2	6.7								
					Middle	5.4	0.1	99	22.1	8.2	8.2	32.9	32.9	92.8	92.8	6.7								
						5.4	0.0	96	22.1	8.2	8.2	32.9	32.9	92.8	92.8	6.7								
					Bottom	9.8	0.0	91	22.1	8.2	8.2	32.9	32.9	93.3	93.3	6.7								
						9.8	0.0	88	22.1	8.2	8.2	32.9	32.9	93.3	93.3	6.7								
SR8	Misty	Moderate	11:28	5.2	Surface	1.0	-	-	23.3	8.2	8.2	35.1	35.1	96.4	96.4	6.7	6.7	6.7	6.0	6.0	13	820404	811618	
						1.0	-	-	23.2	8.2	8.2	35.1	35.1	96.3	96.3	6.7								
					Middle	-	-	-	-	-	-	-	-	-	-	-								
						-	-	-	-	-	-	-	-	-	-	-								
					Bottom	4.2	-	-	23.1	8.1	8.1	35.1	35.1	96.8	97.1	6.8								
						4.2	-	-	23.1	8.1	8.1	35.1	35.1	97.4	97.1	6.8								

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 05 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA						
C1	Cloudy	Rough	17:18	7.9	Surface	1.0	0.3	37	22.2	22.2	8.2	8.2	32.6	32.6	92.5	92.5	6.7	6.7	6.5	9.0	14	13	815609	804260				
						1.0	0.3	30	22.2		8.2		32.6		92.5		6.7		6.5		13							
					Middle	4.0	0.4	36	22.2	22.2	8.2	8.2	32.6	32.6	92.2	92.2	6.7	6.6	6.7	6.6	8.8				6.6	11	6.6	11.6
						4.0	0.4	29	22.2		8.2		32.6		91.9		6.6		11.7		12							
					Bottom	6.9	0.3	23	22.2	22.2	8.2	8.2	32.6	32.6	91.9	91.9	6.6	6.6	6.6	6.6	11.7				6.6	11	6.6	11.6
						6.9	0.3	27	22.2		8.2		32.6		91.9		6.6		11.7		12							
C2	Cloudy	Rough	15:48	9.6	Surface	1.0	0.0	211	22.7	22.7	8.2	8.1	32.2	32.2	90.9	90.9	6.5	6.5	7.4	5.2	10	10	825676	806941				
						1.0	0.0	210	22.7		8.1		32.2		90.8		6.5		7.4		11							
					Middle	4.8	0.0	222	22.7	22.7	8.1	8.1	32.2	32.2	89.8	89.7	6.4	6.3	6.4	6.3	3.4				6.3	9	6.3	10
						4.8	-	217	22.7		8.1		32.2		89.6		6.4		3.5		9							
					Bottom	8.6	0.0	219	22.7	22.7	8.1	8.1	32.1	32.1	87.8	87.7	6.3	6.3	6.3	6.3	4.8				6.3	9	6.3	4.8
						8.6	0.0	217	22.7		8.1		32.1		87.6		6.3		4.8		9							
C3	Cloudy	Rough	16:47	7.2	Surface	1.0	0.4	270	23.1	23.1	8.2	8.2	35.3	35.3	97.9	98.1	6.8	6.9	5.0	5.4	11	12	822129	817815				
						1.0	0.4	274	23.1		8.2		35.3		98.2		6.9		4.9		12							
					Middle	3.6	0.4	251	23.1	23.1	8.2	8.2	35.3	35.3	99.3	99.5	6.9	7.0	6.9	7.1	5.1				7.1	12	7.1	12
						3.6	0.4	252	23.1		8.2		35.3		99.7		7.0		5.1		12							
					Bottom	6.2	0.4	251	23.1	23.1	8.2	8.2	35.2	35.2	101.0	101.3	7.1	7.1	7.1	7.1	6.2				7.1	14	7.1	14
						6.2	0.4	245	23.1		8.2		35.2		101.6		7.1		6.3		13							
IM1	Cloudy	Rough	16:56	7.6	Surface	1.0	0.2	6	22.2	22.2	8.2	8.2	32.6	32.6	92.3	92.3	6.7	6.7	9.3	11.6	11	11	818329	806441				
						1.0	0.1	10	22.2		8.2		32.6		92.3		6.7		9.3		10							
					Middle	3.8	0.3	14	22.2	22.2	8.2	8.2	32.6	32.6	92.2	92.2	6.7	6.7	6.7	6.6	10.7				6.6	11	6.6	10.7
						3.8	0.2	20	22.2		8.2		32.6		92.2		6.7		10.7		11							
					Bottom	6.6	0.2	0	22.2	22.2	8.2	8.2	32.5	32.5	91.8	91.8	6.6	6.6	6.6	6.6	14.8				6.6	11	6.6	14.8
						6.6	0.2	353	22.2		8.2		32.5		91.7		6.6		14.8		12							
IM2	Cloudy	Rough	16:46	7.8	Surface	1.0	0.1	350	22.2	22.2	8.2	8.2	32.5	32.5	92.5	92.5	6.7	6.7	6.8	9.2	14	13	819162	806253				
						1.0	0.1	350	22.2		8.2		32.5		92.5		6.7		6.8		13							
					Middle	3.9	0.1	348	22.2	22.2	8.2	8.2	32.5	32.5	91.8	91.8	6.6	6.6	6.6	6.6	9.1				6.6	12	6.6	12
						3.9	0.1	349	22.2		8.2		32.5		91.8		6.6		9.1		13							
					Bottom	6.8	0.1	325	22.2	22.2	8.1	8.1	32.4	32.4	91.5	91.5	6.6	6.6	6.6	6.6	11.7				6.6	12	6.6	12
						6.8	0.1	323	22.2		8.1		32.4		91.4		6.6		11.6		12							
IM7	Cloudy	Rough	16:21	7.2	Surface	1.0	0.2	272	22.4	22.4	8.2	8.2	32.4	32.4	91.2	91.3	6.6	6.6	7.0	8.1	11	12	821337	806853				
						1.0	0.2	270	22.4		8.2		32.4		91.3		6.6		7.0		10							
					Middle	3.6	0.1	296	22.4	22.4	8.2	8.2	32.4	32.4	91.1	91.1	6.6	6.6	6.6	6.6	7.3				6.6	12	6.6	12
						3.6	0.2	299	22.4		8.2		32.4		91.0		6.6		7.4		11							
					Bottom	6.2	0.2	307	22.3	22.3	8.2	8.2	32.4	32.4	90.9	90.9	6.5	6.6	6.5	6.6	10.0				6.6	13	6.6	13
						6.2	0.3	306	22.3		8.2		32.4		90.9		6.6		10.1		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 05 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA	
IM10	Cloudy	Rough	15:50	8.0	Surface	1.0	0.2	260	22.8	22.8	8.2	8.2	35.1	35.1	98.6	98.7	6.9	7.0	4.1	5.2	15	15	822227	809833			
						1.0	0.2	260	22.8		8.2		35.1		98.7		6.9		4.1		14						
					Middle	4.0	0.2	231	22.8	8.2	8.2	35.1	35.1	99.5	99.7	7.0	7.0	5.2	15								
						4.0	0.2	237	22.8	8.2	8.2	35.1	35.1	99.9	99.9	7.0	7.0	5.3	15								
					Bottom	7.0	0.2	236	22.8	8.2	8.2	35.1	35.1	100.8	101.2	7.1	7.1	6.3	15								
						7.0	0.2	231	22.8	8.2	8.2	35.1	35.1	101.5	101.2	7.1	7.1	6.3	15								
IM11	Cloudy	Rough	15:57	7.2	Surface	1.0	0.3	266	22.7	22.7	8.2	8.2	35.2	35.2	97.6	97.7	6.9	6.9	3.8	4.6	14	16	821511	810529			
						1.0	0.3	266	22.7		8.2		35.2		97.8		6.9		3.9		14						
					Middle	3.6	0.3	282	22.7	8.2	8.2	35.2	35.2	98.5	98.6	6.9	7.0	4.0	15								
						3.6	0.3	283	22.7	8.2	8.2	35.2	35.2	98.7	98.7	7.0	7.0	4.1	16								
					Bottom	6.2	0.3	255	22.7	8.2	8.2	35.2	35.2	99.7	100.2	7.0	7.1	5.9	17								
						6.2	0.3	262	22.7	8.2	8.2	35.1	35.2	100.6	100.2	7.1	7.1	5.9	18								
IM12	Cloudy	Rough	16:02	7.0	Surface	1.0	0.3	284	22.7	22.7	8.2	8.2	35.3	35.3	96.7	96.8	6.8	6.9	6.9	7.5	11	12	821181	811521			
						1.0	0.3	289	22.7		8.2		35.3		96.8		6.8		6.9		12						
					Middle	3.5	0.3	277	22.7	8.2	8.2	35.3	35.3	97.4	97.5	6.9	6.9	7.5	12								
						3.5	0.3	281	22.7	8.2	8.2	35.3	35.3	97.5	97.5	6.9	6.9	7.6	13								
					Bottom	6.0	0.3	273	22.7	8.2	8.2	35.2	35.2	98.5	98.7	6.9	7.0	8.0	13								
						6.0	0.3	273	22.7	8.2	8.2	35.2	35.2	98.9	98.7	7.0	7.0	8.1	12								
SR1A	Cloudy	Rough	16:18	5.6	Surface	1.0	-	188	23.0	23.0	8.2	8.2	35.1	35.1	98.1	98.3	6.9	6.9	4.1	4.6	13	11	819972	812664			
						1.0	0.0	190	23.0		8.2		35.1		98.4		6.9		4.1		12						
					Middle	2.8	0.0	202	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						2.8	0.0	200	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	4.6	0.0	208	23.0	8.2	8.2	35.1	35.0	100.0	100.6	7.0	7.1	5.0	10								
						4.6	0.0	202	23.0	8.2	8.2	34.8	35.0	101.1	100.6	7.1	7.1	5.0	9								
SR2	Cloudy	Rough	16:30	5.2	Surface	1.0	0.2	228	22.7	22.7	8.2	8.2	35.3	35.3	98.8	99.0	7.0	7.0	4.2	4.9	11	11	821450	814143			
						1.0	0.2	222	22.7		8.2		35.3		99.1		7.0		4.2		12						
					Middle	-	0.2	214	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						-	0.3	219	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	4.2	0.2	246	22.7	8.2	8.2	35.2	35.2	100.8	101.2	7.1	7.2	5.6	10								
						4.2	0.2	249	22.7	8.2	8.2	35.2	35.2	101.5	101.2	7.2	7.2	5.6	11								
SR3	Cloudy	Rough	16:12	8.9	Surface	1.0	0.1	288	22.5	22.5	8.2	8.2	32.2	32.2	92.0	92.0	6.6	6.6	7.0	7.9	10	12	822156	807554			
						1.0	0.1	295	22.5		8.2		32.2		92.0		6.6		6.9		11						
					Middle	4.5	0.0	284	22.5	8.2	8.1	32.2	32.2	91.9	91.9	6.6	6.6	6.8	11								
						4.5	0.0	285	22.5	8.1	8.1	32.2	32.2	91.9	91.9	6.6	6.6	6.8	12								
					Bottom	7.9	0.1	310	22.5	8.1	8.1	32.2	32.2	91.3	91.3	6.6	6.6	9.9	13								
						7.9	0.1	309	22.5	8.1	8.1	32.2	32.2	91.2	91.3	6.6	6.6	9.9	14								
SR4A	Cloudy	Moderate	17:42	9.8	Surface	1.0	0.0	219	22.2	22.2	8.1	8.1	32.1	32.1	91.0	91.1	6.6	6.6	9.6	10.8	11	12	817210	807816			
						1.0	0.1	212	22.2		8.1		32.1		91.1		6.6		9.7		12						
					Middle	4.9	0.0	237	22.2	8.1	8.1	32.1	32.1	90.5	90.5	6.5	6.5	10.7	12								
						4.9	-	240	22.2	8.1	8.1	32.1	32.1	90.5	90.5	6.5	6.5	10.8	13								
					Bottom	8.8	0.0	212	22.2	8.1	8.1	32.1	32.1	90.5	90.5	6.6	6.6	12.0	13								
						8.8	0.0	209	22.2	8.1	8.1	32.1	32.1	90.5	90.5	6.6	6.6	12.0	14								
SR8	Cloudy	Rough	16:04	4.8	Surface	1.0	-	-	22.9	22.9	8.2	8.2	35.2	35.2	96.1	96.2	6.8	6.8	5.5	6.3	11	12	820392	811613			
						1.0	-	-	22.9		8.2		35.2		96.2		6.8		5.6		12						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
					Bottom	3.8	-	-	22.7	8.2	8.2	35.1	35.1	96.9	97.1	6.8	6.9	7.0	12								
						3.8	-	-	22.7	8.2	8.2	35.1	35.1	97.3	97.3	6.9	7.1	7.1	13								

DA: Depth-Averaged

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 08 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
C1	Cloudy	Moderate	12:12	8.4	Surface	1.0	0.2	200	22.4	22.4	8.2	8.2	35.3	35.3	93.7	93.7	6.6	6.6	6.6	11.2	12.3	16	13	815641	804235	
						1.0	0.3	197	22.4	8.2	8.2	35.3	35.3	93.7	93.7	6.6	6.6									
					Middle	4.2	0.1	220	22.4	22.4	8.2	8.1	35.3	35.3	93.4	93.4	6.6	6.6	6.6	11.3	12.3	11	12			13
						4.2	0.2	215	22.4	22.4	8.1	8.1	35.3	35.3	93.4	93.4	6.6	6.6								
					Bottom	7.4	0.2	206	22.4	22.4	8.1	8.1	35.3	35.3	93.3	93.4	6.6	6.6	6.6	13.6	13.6	10	11			
						7.4	0.2	199	22.4	22.4	8.1	8.1	35.3	35.3	93.4	93.4	6.6	6.6								
C2	Cloudy	Moderate	11:10	11.6	Surface	1.0	0.1	8	22.3	22.3	8.2	8.2	35.0	35.0	90.8	90.8	6.4	6.4	6.4	11.4	10.6	16	14	825668	806945	
						1.0	0.0	14	22.3	22.3	8.2	8.2	35.0	35.0	90.7	90.7	6.4	6.4								
					Middle	5.8	0.0	7	22.3	22.3	8.2	8.2	35.0	35.0	89.5	89.4	6.4	6.3	6.3	11.7	10.6	14	14			
						5.8	0.0	10	22.3	22.3	8.2	8.2	35.0	35.0	89.2	89.2	6.3	6.3								
					Bottom	10.6	0.0	14	22.4	22.4	8.2	8.2	35.1	35.1	85.9	85.8	6.1	6.1	6.1	10.8	10.9	12	13			
						10.6	0.0	20	22.4	22.4	8.2	8.2	35.1	35.1	85.6	85.6	6.1	6.1								
C3	Misty	Moderate	12:09	9.8	Surface	1.0	0.2	78	22.6	22.6	8.1	8.1	32.1	32.1	87.8	87.9	6.3	6.3	6.4	2.4	3.4	9	11	822101	817802	
						1.0	0.2	73	22.5	22.5	8.1	8.1	32.1	32.1	88.0	88.0	6.3	6.3								
					Middle	4.9	0.2	74	22.5	22.5	8.1	8.1	32.0	32.0	89.1	89.2	6.4	6.4	6.4	3.7	3.4	10	9			
						4.9	0.3	72	22.5	22.5	8.1	8.1	32.0	32.0	89.3	89.2	6.4	6.4								
					Bottom	8.8	0.3	61	22.5	22.5	8.1	8.1	31.9	31.9	91.5	92.0	6.6	6.7	6.7	4.1	4.2	9	9			
						8.8	0.2	67	22.5	22.5	8.1	8.1	31.9	31.9	92.5	92.0	6.7	6.7								
IM1	Cloudy	Moderate	11:57	7.0	Surface	1.0	0.1	184	22.4	22.4	8.2	8.2	35.3	35.3	93.4	93.4	6.6	6.6	6.6	7.3	9.8	14	15	818329	806438	
						1.0	0.1	183	22.4	22.4	8.2	8.2	35.3	35.3	93.4	93.4	6.6	6.6								
					Middle	3.5	0.1	189	22.4	22.4	8.2	8.2	35.3	35.3	93.2	93.2	6.6	6.6	6.6	9.9	9.8	16	16			
						3.5	0.1	186	22.4	22.4	8.2	8.2	35.3	35.3	93.2	93.2	6.6	6.6								
					Bottom	6.0	0.1	184	22.4	22.4	8.2	8.2	35.3	35.3	93.5	93.5	6.6	6.6	6.6	12.4	12.1	16	16			
						6.0	0.1	177	22.4	22.4	8.2	8.2	35.3	35.3	93.5	93.5	6.6	6.6								
IM2	Cloudy	Moderate	11:52	7.7	Surface	1.0	0.0	133	22.4	22.4	8.2	8.2	35.3	35.3	92.7	92.7	6.6	6.6	6.6	12.2	13.2	9	10	819165	806221	
						1.0	0.0	131	22.4	22.4	8.2	8.2	35.3	35.3	92.7	92.7	6.6	6.6								
					Middle	3.9	0.0	130	22.4	22.4	8.2	8.2	35.4	35.4	92.9	93.0	6.6	6.6	6.6	13.1	13.2	10	9			
						3.9	0.1	130	22.4	22.4	8.2	8.2	35.4	35.4	93.0	93.0	6.6	6.6								
					Bottom	6.7	0.0	155	22.4	22.4	8.2	8.2	35.4	35.4	93.2	93.2	6.6	6.6	6.6	14.2	14.7	11	12			
						6.7	0.1	147	22.4	22.4	8.2	8.2	35.4	35.4	93.2	93.2	6.6	6.6								
IM7	Cloudy	Moderate	11:32	8.5	Surface	1.0	0.2	79	22.5	22.5	8.2	8.2	35.1	35.1	90.4	90.4	6.4	6.4	6.4	6.5	8.0	12	10	821347	806816	
						1.0	0.3	77	22.4	22.4	8.2	8.2	35.1	35.1	90.4	90.4	6.4	6.4								
					Middle	4.3	0.1	61	22.4	22.4	8.1	8.1	35.2	35.2	91.0	91.0	6.4	6.4	6.4	8.0	8.0	9	10			
						4.3	0.2	68	22.4	22.4	8.1	8.1	35.2	35.2	91.0	91.0	6.4	6.4								
					Bottom	7.5	0.2	100	22.4	22.4	8.1	8.1	35.2	35.2	91.9	92.0	6.5	6.5	6.5	9.6	9.6	9	8			
						7.5	0.1	98	22.4	22.4	8.1	8.1	35.2	35.2	92.0	92.0	6.5	6.5								

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

Water Quality Monitoring

Water Quality Monitoring Results on 08 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity (NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA							
IM10	Misty	Moderate	11:05	8.2	Surface	1.0	0.1	57	22.1	22.1	8.1	8.1	31.5	31.5	90.1	90.2	6.6	6.6	5.8	6.4	9	14	822256	809820					
						1.0	0.0	50	22.1	8.1	8.1	31.5	31.5	90.2	90.2	6.6	5.8		10										
						4.1	0.1	43	22.0	8.1	8.1	31.4	31.4	91.1	91.3	6.6	6.2		13										
					Middle	4.1	0.0	42	22.0	8.1	8.1	31.3	31.4	91.5	91.3	6.7	6.1	14											
						7.2	0.1	35	22.0	8.0	8.0	31.2	31.2	92.6	93.1	6.8	7.3	18											
						7.2	0.0	32	22.0	8.0	8.0	31.2	31.2	93.5	93.1	6.8	7.2	17											
					IM11	Misty	Moderate	11:13	8.0	Surface	1.0	0.1	61	22.1	22.1	8.1	8.1	31.8	31.8	91.4	91.5	6.6	6.7	5.6	6.4	15	13	821515	810548
											1.0	0.1	56	22.1	8.1	8.1	31.8	31.8	91.5	91.5	6.6	5.5		14					
											4.0	0.2	62	22.1	8.1	8.1	31.7	31.7	91.9	92.1	6.7	6.1		12					
Middle	4.0	0.1	65	22.1						8.1	8.1	31.7	31.7	92.2	92.1	6.7	6.1	13											
	7.0	0.1	55	22.1						8.1	8.1	31.6	31.6	93.5	93.9	6.8	7.7	12											
	7.0	0.1	48	22.1						8.1	8.1	31.5	31.6	94.2	93.9	6.9	7.6	12											
IM12	Misty	Moderate	11:19	9.0						Surface	1.0	0.1	94	22.2	22.2	8.1	8.1	32.4	32.4	90.2	90.3	6.5	6.6	4.6	5.7	14	15	821159	811529
											1.0	0.2	98	22.2	8.1	8.1	32.4	32.4	90.4	90.3	6.5	4.5		15					
											4.5	0.1	88	22.2	8.1	8.1	32.4	32.4	91.5	91.6	6.6	5.8		15					
					Middle	4.5	0.1	86	22.2	8.1	8.1	32.4	32.4	91.7	91.6	6.6	5.7	15											
						8.0	0.1	85	22.2	8.2	8.2	32.4	32.4	93.4	93.9	6.7	6.8	15											
						8.0	0.1	90	22.2	8.2	8.2	32.4	32.4	94.4	93.9	6.8	6.9	16											
					SR1A	Misty	Moderate	11:39	5.4	Surface	1.0	0.0	52	22.2	22.2	8.1	8.1	32.0	32.0	87.0	87.1	6.3	6.3	3.4	4.0	14	14	819983	812666
											1.0	0.0	53	22.2	8.1	8.1	32.0	32.0	87.1	87.1	6.3	3.5		14					
											2.7	0.0	60	-	-	-	-	-	-	-	-	-		-		-			
Middle	2.7	0.1	64	-						-	-	-	-	-	-	-	-	-	-										
	4.4	0.0	76	22.2						8.1	8.1	32.0	32.0	87.5	87.6	6.3	4.6	13											
	4.4	0.0	73	22.2						8.1	8.1	32.0	32.0	87.7	87.6	6.3	4.6	13											
SR2	Misty	Moderate	11:50	5.8						Surface	1.0	0.2	37	22.0	22.0	8.1	8.1	32.2	32.2	91.3	91.4	6.6	6.7	2.6	3.2	13	14	821440	814174
											1.0	0.2	43	21.9	8.1	8.1	32.2	32.2	91.5	91.4	6.7	2.6		12					
											-	0.2	67	-	-	-	-	-	-	-	-	-		-		-			
					Middle	-	0.2	72	-	-	-	-	-	-	-	-	-	-	-										
						4.8	0.2	41	21.5	8.1	8.1	32.5	32.5	94.2	94.7	6.9	3.8	16											
						4.8	0.3	34	21.4	8.1	8.1	32.5	32.5	95.2	94.7	7.0	3.8	14											
					SR3	Cloudy	Moderate	11:24	9.5	Surface	1.0	0.1	87	22.5	22.5	8.1	8.1	34.8	34.8	90.3	90.4	6.4	6.5	7.9	9.3	9	10	822166	807573
											1.0	0.1	85	22.5	8.1	8.1	34.8	34.8	90.4	90.4	6.4	8.0		10					
											4.8	0.1	98	22.4	8.1	8.1	35.1	35.1	91.9	92.0	6.5	9.9		8					
Middle	4.8	0.0	93	22.4						8.1	8.1	35.1	35.1	92.0	92.0	6.5	9.6	10											
	8.5	0.0	102	22.3						8.1	8.1	35.1	35.1	92.4	92.4	6.6	10.1	10											
	8.5	0.0	100	22.3						8.1	8.1	35.1	35.1	92.4	92.4	6.6	10.0	11											
SR4A	Cloudy	Moderate	12:31	9.0						Surface	1.0	0.0	54	22.4	22.4	8.2	8.2	35.3	35.3	92.5	92.5	6.5	6.5	9.5	10.1	11	12	817171	807814
											1.0	0.0	47	22.4	8.2	8.2	35.3	35.3	92.5	92.5	6.5	9.6		12					
											4.5	0.0	57	22.4	8.2	8.2	35.3	35.3	92.4	92.5	6.5	10.3		12					
					Middle	4.5	0.0	60	22.4	8.2	8.2	35.3	35.3	92.5	92.5	6.5	10.3	12											
						8.0	0.0	45	22.4	8.1	8.1	35.3	35.3	92.7	92.8	6.6	10.5	12											
						8.0	0.1	38	22.4	8.1	8.1	35.4	35.3	92.8	92.8	6.6	10.4	13											
					SR8	Misty	Moderate	11:23	5.2	Surface	1.0	-	-	22.3	22.3	8.1	8.1	32.2	32.2	92.5	92.6	6.7	6.7	5.4	5.9	6	7	820379	811628
											1.0	-	-	22.3	8.1	8.1	32.2	32.2	92.7	92.6	6.7	5.4		7					
											-	-	-	-	-	-	-	-	-	-	-	-		-		-			
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-										
	4.2	-	-	22.2						22.2	8.1	8.1	32.2	32.2	94.4	94.7	6.8	6.3	6										
	4.2	-	-	22.2						22.2	8.1	8.1	32.2	32.2	95.0	94.7	6.9	6.3	7										

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 08 November 22 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	07:16	8.6	Surface	1.0	0.4	40	22.4	22.4	8.1	8.1	35.3	35.3	93.6	93.6	6.6	6.6	6.6	13.0	14.2	34	31	815602	804251
						1.0	0.4	46	22.4	8.1	8.1	35.3	35.3	93.6	93.6	6.6	6.6								
					Middle	4.3	0.4	13	22.4	8.1	8.1	35.4	35.4	93.3	93.3	6.6	6.6	6.6	13.0	10.3	33				
						4.3	0.4	17	22.4	8.1	8.1	35.4	35.4	93.3	93.3	6.6	6.6								
					Bottom	7.6	0.4	53	22.4	8.1	8.1	35.4	35.4	93.3	93.3	6.6	6.6	6.6	13.0	14.9	24				
						7.6	0.4	52	22.4	8.1	8.1	35.4	35.4	93.3	93.3	6.6	6.6								
C2	Cloudy	Moderate	08:25	10.9	Surface	1.0	0.4	357	22.3	22.3	8.2	8.2	35.0	35.0	92.6	92.6	6.6	6.6	6.6	11.1	13.2	17	16	825666	806923
						1.0	0.4	353	22.3	8.2	8.2	35.0	35.0	92.6	92.6	6.6	6.6								
					Middle	5.5	0.4	337	22.3	8.2	8.2	35.0	35.0	92.9	93.0	6.6	6.6	6.6	11.1	9.4	17				
						5.5	0.4	331	22.3	8.2	8.2	35.0	35.0	93.0	93.0	6.6	6.6								
					Bottom	9.9	0.5	359	22.3	8.2	8.2	35.1	35.1	93.6	93.6	6.6	6.6	6.7	11.1	10.1	16				
						9.9	0.5	355	22.4	8.2	8.2	35.1	35.1	93.9	93.8	6.7	6.7								
C3	Misty	Moderate	07:20	10.4	Surface	1.0	0.5	270	22.5	22.5	8.0	8.0	32.3	32.3	84.9	84.9	6.1	6.1	6.1	7.2	6.3	10	9	822116	817790
						1.0	0.5	266	22.5	8.0	8.0	32.3	32.3	84.9	84.9	6.1	6.1								
					Middle	5.2	0.4	249	22.5	8.0	8.0	32.3	32.3	84.9	84.9	6.1	6.1	6.1	7.2	7.1	9				
						5.2	0.4	256	22.5	8.0	8.0	32.3	32.3	84.9	84.9	6.1	6.1								
					Bottom	9.4	0.5	277	22.5	8.0	8.0	32.3	32.3	85.0	85.0	6.1	6.1	6.1	7.2	8.0	8				
						9.4	0.4	275	22.5	8.0	8.0	32.3	32.3	85.0	85.0	6.1	6.1								
IM1	Cloudy	Moderate	07:32	6.8	Surface	1.0	0.3	11	22.3	22.3	8.1	8.1	35.3	35.3	93.1	93.1	6.6	6.6	6.6	13.9	12.6	17	18	818341	806478
						1.0	0.3	8	22.3	8.1	8.1	35.3	35.3	93.1	93.1	6.6	6.6								
					Middle	3.4	0.3	5	22.4	8.1	8.1	35.3	35.3	92.8	92.9	6.6	6.6	6.6	13.9	14.3	17				
						3.4	0.3	2	22.4	8.1	8.1	35.3	35.3	92.9	92.9	6.6	6.6								
					Bottom	5.8	0.3	30	22.4	8.1	8.1	35.3	35.3	93.5	93.5	6.6	6.6	6.6	13.9	14.9	18				
						5.8	0.3	26	22.4	8.1	8.1	35.3	35.3	93.5	93.5	6.6	6.6								
IM2	Cloudy	Moderate	07:37	7.3	Surface	1.0	0.3	11	22.3	22.3	8.1	8.1	35.3	35.3	93.0	93.0	6.6	6.6	6.6	12.9	11.5	19	18	819193	806234
						1.0	0.3	13	22.3	8.1	8.1	35.3	35.3	93.0	93.0	6.6	6.6								
					Middle	3.7	0.3	13	22.4	8.1	8.1	35.4	35.4	92.8	92.8	6.6	6.6	6.6	12.9	12.6	18				
						3.7	0.3	10	22.4	8.1	8.1	35.4	35.4	92.8	92.8	6.6	6.6								
					Bottom	6.3	0.3	39	22.3	8.1	8.1	35.3	35.3	93.2	93.3	6.6	6.6	6.6	12.9	14.4	17				
						6.3	0.2	46	22.3	8.1	8.1	35.3	35.3	93.3	93.3	6.6	6.6								
IM7	Cloudy	Moderate	07:58	9.0	Surface	1.0	0.3	15	22.4	22.4	8.1	8.1	35.3	35.3	91.6	91.6	6.5	6.5	6.5	11.6	9.3	16	13	821366	806831
						1.0	0.3	9	22.4	8.1	8.1	35.3	35.3	91.6	91.6	6.5	6.5								
					Middle	4.5	0.3	8	22.4	8.1	8.1	35.3	35.3	91.7	91.8	6.5	6.5	6.5	11.6	11.6	14				
						4.5	0.3	2	22.4	8.1	8.1	35.3	35.3	91.8	91.8	6.5	6.5								
					Bottom	8.0	0.3	34	22.4	8.1	8.1	35.3	35.3	92.3	92.4	6.5	6.5	6.5	11.6	13.3	10				
						8.0	0.3	27	22.4	8.1	8.1	35.3	35.3	92.4	92.4	6.5	6.5								

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 08 November 22 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					
IM10	Misty	Moderate	08:27	8.6	Surface	1.0	0.3	307	22.1	22.1	8.1	8.1	32.1	32.1	89.6	89.6	6.5	6.5	4.9	5.5	7	9	822221	809841			
						1.0	0.3	307	22.1		8.1		32.1		89.6		6.5		5.0		8						
					Middle	4.3	0.3	300	22.1	8.1	8.1	32.0	32.0	90.1	90.3	6.5	6.5	5.1	9								
						4.3	0.3	298	22.1	8.1	8.1	32.0	32.0	90.4	90.4	6.6	6.6	5.2	9								
					Bottom	7.6	0.4	313	22.1	8.1	8.1	32.0	32.0	91.1	91.2	6.6	6.6	6.5	9								
						7.6	0.4	317	22.1	8.1	8.1	32.0	32.0	91.2	91.2	6.6	6.6	6.6	9								
IM11	Misty	Moderate	08:21	8.2	Surface	1.0	0.4	267	22.1	22.1	8.1	8.1	32.0	32.0	91.4	91.5	6.6	6.7	7.7	8.5	8	9	821514	810525			
						1.0	0.4	268	22.1		8.1		32.0		91.5		6.6		7.6		8						
					Middle	4.1	0.5	298	22.1	8.1	8.1	31.9	31.9	91.9	92.0	6.7	6.7	8.8	8								
						4.1	0.5	293	22.1	8.1	8.1	31.9	31.9	92.1	92.1	6.7	6.7	8.7	9								
					Bottom	7.2	0.5	287	22.1	8.1	8.1	31.8	31.8	93.4	93.8	6.8	6.8	9.2	10								
						7.2	0.5	283	22.1	8.1	8.1	31.8	31.8	94.2	94.2	6.8	6.8	9.1	11								
IM12	Misty	Moderate	08:13	7.6	Surface	1.0	0.5	272	22.2	22.2	8.1	8.1	32.1	32.1	89.8	90.0	6.5	6.6	7.7	7.9	11	10	821178	811509			
						1.0	0.5	277	22.2		8.1		32.1		90.1		6.5		7.6		11						
					Middle	3.8	0.4	285	22.2	8.1	8.1	32.1	32.1	90.7	90.8	6.6	6.6	8.0	10								
						3.8	0.4	283	22.2	8.1	8.1	32.1	32.1	90.9	90.9	6.6	6.6	8.0	9								
					Bottom	6.6	0.5	303	22.2	8.1	8.1	32.0	32.0	93.1	93.4	6.7	6.8	7.9	8								
						6.6	0.5	303	22.2	8.1	8.1	32.0	32.0	93.7	93.7	6.8	6.8	8.0	9								
SR1A	Misty	Moderate	07:50	5.2	Surface	1.0	-	194	22.2	22.2	8.0	8.0	31.7	31.7	90.7	91.0	6.6	6.6	4.7	5.2	7	9	819972	812658			
						1.0	0.1	192	22.2		8.0		31.7		91.2		6.6		4.7		8						
					Middle	2.6	0.0	182	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-
						2.6	0.0	176	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	
					Bottom	4.2	0.0	197	22.1	8.0	8.0	31.4	31.2	93.4	94.2	6.8	6.9	5.7	10								
						4.2	0.0	191	22.1	7.9	8.0	31.0	31.0	94.9	94.9	6.9	6.9	5.6	11								
SR2	Misty	Moderate	07:38	4.8	Surface	1.0	0.1	236	22.2	22.2	8.0	7.9	31.9	31.8	93.0	93.3	6.7	6.8	5.0	5.7	7	7	821450	814166			
						1.0	0.1	241	22.2		7.9		31.8		93.5		6.8		5.1		8						
					Middle	-	0.1	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	
						-	0.1	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-		
					Bottom	3.8	0.1	235	22.2	7.9	7.9	31.6	31.3	94.8	95.4	6.9	7.0	6.4	6								
						3.8	0.1	235	22.2	7.8	7.9	30.9	31.3	95.9	95.4	7.0	7.0	6.5	7								
SR3	Cloudy	Moderate	08:05	9.4	Surface	1.0	0.4	346	22.4	22.4	8.1	8.1	35.3	35.3	91.2	91.2	6.5	6.5	9.1	11.3	9	12	822168	807570			
						1.0	0.3	343	22.4		8.1		35.3		91.2		6.5		9.6		9						
					Middle	4.7	0.3	354	22.4	8.1	8.1	35.3	35.3	91.1	91.2	6.5	6.5	13.1	11								
						4.7	0.3	352	22.4	8.1	8.1	35.3	35.3	91.2	91.2	6.5	6.5	13.2	12								
					Bottom	8.4	0.4	350	22.4	8.1	8.1	35.3	35.3	91.4	91.5	6.5	6.5	11.4	16								
						8.4	0.4	346	22.4	8.1	8.1	35.3	35.3	91.5	91.5	6.5	6.5	11.0	14								
SR4A	Cloudy	Moderate	06:55	9.2	Surface	1.0	0.1	216	22.3	22.3	8.1	8.0	35.4	35.4	94.2	94.2	6.7	6.7	12.0	11.7	15	16	817188	807787			
						1.0	0.1	209	22.3		8.0		35.4		94.2		6.7		12.2		14						
					Middle	4.6	0.0	198	22.3	8.0	8.0	35.4	35.4	94.2	94.2	6.7	6.7	12.9	16								
						4.6	0.0	200	22.3	8.0	8.0	35.4	35.4	94.2	94.2	6.7	6.7	12.9	17								
					Bottom	8.2	0.0	232	22.3	8.0	8.0	35.4	35.4	94.4	94.5	6.7	6.7	10.0	18								
						8.2	0.0	235	22.3	8.0	8.0	35.4	35.4	94.5	94.5	6.7	6.7	10.5	17								
SR8	Misty	Moderate	08:09	4.2	Surface	1.0	-	-	22.7	22.8	8.1	8.1	32.9	32.3	90.8	90.9	6.5	6.5	5.5	5.6	16	16	820369	811642			
						1.0	-	-	22.8		8.1		31.7		91.0		6.5		5.5		16						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Bottom	3.2	-	-	22.1	22.1	8.1	8.1	32.0	32.0	91.0	91.1	6.6	6.6	5.7	15							
						3.2	-	-	22.1	22.1	8.1	8.1	32.0	32.0	91.1	91.1	6.6	6.6	5.7	16							

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 10 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA						
C1	Cloudy	Moderate	13:24	7.9	Surface	1.0	0.1	193	22.8	22.8	8.2	8.2	34.1	34.1	96.0	96.0	6.8	6.8	6.8	8.8	11	12	815631	804265		
						1.0	0.1	186	22.8	8.2	8.2	34.1	34.1	95.9	96.0	6.8	6.8									
					Middle	4.0	0.1	188	22.6	22.6	8.2	8.2	34.4	34.5	94.7	94.7	6.7	6.7	6.7	6.7	5.8	5.8			10	13
						4.0	0.1	190	22.6	22.6	8.2	8.2	34.5	34.5	94.7	94.7	6.7	6.7	6.7	6.7	7.8	7.8			12	12
					Bottom	6.9	0.2	194	22.6	22.6	8.2	8.2	34.9	34.9	94.3	94.3	6.7	6.7	6.7	6.7	12.7	12.5			14	14
						6.9	0.1	197	22.6	22.6	8.2	8.2	34.9	34.9	94.3	94.3	6.7	6.7	6.7	6.7	12.5	12.5			13	13
C2	Cloudy	Moderate	12:17	11.6	Surface	1.0	0.1	357	23.2	23.2	8.1	8.1	33.8	33.8	91.3	91.3	6.4	6.4	6.4	6.3	4	5	825678	806953		
						1.0	0.1	3	23.2	8.1	8.1	33.8	33.8	91.3	91.3	6.4	6.4									
					Middle	5.8	0.1	349	23.1	23.1	8.1	8.1	33.9	33.9	91.3	91.3	6.4	6.4	6.4	6.4	4.1	4.3			6	7
						5.8	0.0	343	23.1	23.1	8.1	8.1	33.9	33.9	91.3	91.3	6.4	6.4	6.4	6.4	6.2	6.2			7	8
					Bottom	10.6	0.1	342	23.1	23.1	8.2	8.2	34.3	34.3	91.5	91.5	6.4	6.4	6.4	6.4	8.3	8.3			8	9
						10.6	0.1	335	23.1	23.1	8.2	8.2	34.3	34.3	91.5	91.5	6.4	6.4	6.4	6.4	8.4	8.4			8	8
C3	Misty	Moderate	13:23	11.8	Surface	1.0	0.1	66	22.7	22.7	8.2	8.2	32.4	32.4	84.0	84.0	6.0	6.0	6.0	5.3	6	5	822120	817821		
						1.0	0.1	72	22.7	22.7	8.2	8.2	32.5	32.5	83.9	83.9	6.0	6.0								
					Middle	5.9	0.1	65	22.6	22.6	8.2	8.2	32.5	32.5	83.6	83.7	6.0	6.0	6.0	6.0	4.1	4.0			6	5
						5.9	0.1	67	22.6	22.6	8.2	8.2	32.5	32.5	83.7	83.7	6.0	6.0	6.0	6.0	5.9	5.9			8	8
					Bottom	10.8	0.2	101	22.6	22.6	8.2	8.2	32.5	32.5	85.4	85.7	6.1	6.1	6.1	6.1	6.0	6.0			8	9
						10.8	0.2	101	22.6	22.6	8.2	8.2	32.5	32.5	85.9	85.9	6.2	6.2	6.2	6.2	6.0	6.0			9	10
IM1	Cloudy	Moderate	13:05	6.9	Surface	1.0	0.0	137	23.0	23.0	8.2	8.2	34.7	34.7	94.7	94.6	6.7	6.6	6.6	9.0	11	12	818360	806470		
						1.0	0.0	135	23.0	23.0	8.2	8.2	34.7	34.7	94.5	94.6	6.6	6.6								
					Middle	3.5	0.0	133	22.8	22.8	8.2	8.2	34.9	34.9	91.9	91.9	6.5	6.5	6.5	6.5	7.2	7.2			11	11
						3.5	-	137	22.8	22.8	8.2	8.2	34.9	34.9	91.9	91.9	6.5	6.5	6.5	6.5	9.1	9.1			10	10
					Bottom	5.9	0.0	114	22.8	22.8	8.2	8.2	35.0	35.0	91.6	91.6	6.5	6.5	6.5	6.5	10.4	10.4			10	10
						5.9	0.0	115	22.8	22.8	8.2	8.2	35.0	35.0	91.5	91.5	6.4	6.4	6.4	6.4	10.9	10.9			10	10
IM2	Cloudy	Moderate	13:00	8.0	Surface	1.0	0.1	73	23.0	23.0	8.2	8.2	34.8	34.9	94.2	94.2	6.6	6.6	6.6	10.2	13	14	819196	806257		
						1.0	0.1	73	23.0	23.0	8.2	8.2	34.9	34.9	94.1	94.2	6.6	6.6								
					Middle	4.0	0.1	63	23.0	23.0	8.2	8.2	35.0	35.0	93.8	93.8	6.6	6.6	6.6	6.6	6.5	6.6			11	11
						4.0	0.1	60	23.0	23.0	8.2	8.2	35.1	35.1	93.8	93.8	6.6	6.6	6.6	6.6	8.4	8.6			12	11
					Bottom	7.0	0.0	84	23.0	23.0	8.2	8.2	35.1	35.1	93.5	93.5	6.6	6.6	6.6	6.6	16.0	16.0			11	11
						7.0	0.0	77	23.0	23.0	8.2	8.2	35.1	35.1	93.4	93.5	6.6	6.6	6.6	6.6	15.2	15.2			10	10
IM7	Cloudy	Moderate	12:43	8.4	Surface	1.0	0.1	51	23.2	23.2	8.2	8.2	33.8	33.8	92.2	92.2	6.5	6.5	6.5	6.8	12	12	821358	806820		
						1.0	0.1	46	23.2	23.2	8.2	8.2	33.9	33.9	92.2	92.2	6.5	6.5								
					Middle	4.2	0.1	51	22.8	22.8	8.2	8.2	34.9	34.9	90.9	90.9	6.4	6.4	6.4	6.4	3.8	3.8			12	12
						4.2	0.1	43	22.8	22.8	8.2	8.2	34.9	34.9	90.9	90.9	6.4	6.4	6.4	6.4	7.9	7.9			10	10
					Bottom	7.4	0.1	88	22.8	22.8	8.2	8.2	35.0	35.0	91.0	91.0	6.4	6.4	6.4	6.4	8.0	8.0			9	9
						7.4	0.1	91	22.8	22.8	8.2	8.2	35.0	35.0	91.1	91.1	6.4	6.4	6.4	6.4	8.6	8.6			6	6

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 10 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA						
IM10	Misty	Moderate	12:18	9.2	Surface	1.0	0.1	342	22.5	22.5	8.3	8.3	32.1	32.1	91.0	91.1	6.6	6.6	6.4	6.4	4	4	822258	809828				
						1.0	0.1	337	22.5	8.3	8.3	32.2	32.1	91.1	91.1	6.6	6.6	6.5	6.6	4	4							
					Middle	4.6	0.1	351	22.4	22.5	8.3	8.3	32.3	32.3	91.9	92.0	6.6	6.6	7.7	7.7	4	4						
						4.6	0.0	351	22.5	22.5	8.3	8.3	32.2	32.3	92.0	92.0	6.6	6.6	7.7	7.7	4	4						
					Bottom	8.2	0.1	348	22.7	22.7	8.3	8.3	32.1	32.1	92.7	92.8	6.6	6.7	8.2	8.2	5	5						
						8.2	0.1	349	22.7	22.7	8.3	8.3	32.0	32.1	92.9	92.8	6.7	6.7	8.2	8.2	6	6						
IM11	Misty	Moderate	12:29	8.0	Surface	1.0	0.1	1	22.5	22.5	8.2	8.2	31.7	31.8	89.0	89.0	6.4	6.4	3.8	3.8	5	5	821511	810562				
						1.0	0.0	358	22.5	8.2	8.2	31.8	31.8	88.9	88.5	6.4	6.4	3.8	3.8	6	6							
					Middle	4.0	0.1	349	22.4	22.4	8.2	8.2	31.8	31.8	88.5	88.5	6.4	6.4	4.8	4.8	5	5						
						4.0	0.1	353	22.4	22.4	8.2	8.2	31.8	31.8	88.5	88.5	6.4	6.4	4.9	4.9	5	5						
					Bottom	7.0	0.0	353	22.4	22.4	8.2	8.2	31.8	31.8	88.5	88.5	6.4	6.4	5.9	5.9	4	4						
						7.0	0.0	358	22.4	22.4	8.2	8.2	31.8	31.8	88.5	88.5	6.4	6.4	5.9	5.9	5	5						
IM12	Misty	Moderate	12:35	9.0	Surface	1.0	0.0	33	22.5	22.5	8.2	8.2	32.1	32.1	90.0	90.0	6.5	6.5	3.7	3.7	5	5	821139	811531				
						1.0	0.1	39	22.5	22.5	8.2	8.2	32.1	32.1	90.0	90.0	6.5	6.5	3.6	3.6	4	4						
					Middle	4.5	0.0	31	22.4	22.4	8.2	8.2	32.0	32.0	90.3	90.4	6.5	6.5	4.9	4.9	6	6						
						4.5	0.0	34	22.4	22.4	8.2	8.2	32.0	32.0	90.4	90.4	6.5	6.5	4.9	4.9	5	5						
					Bottom	8.0	0.0	69	22.5	22.5	8.2	8.2	31.9	31.9	90.9	91.0	6.5	6.6	5.9	5.9	8	8						
						8.0	0.0	68	22.5	22.5	8.2	8.2	31.9	31.9	91.1	91.0	6.6	6.6	5.8	5.8	6	6						
SR1A	Misty	Moderate	12:54	5.4	Surface	1.0	0.0	354	22.5	22.5	8.2	8.2	32.2	32.3	91.2	91.3	6.6	6.6	5.9	5.9	10	10	819978	812665				
						1.0	0.0	349	22.5	22.5	8.2	8.2	32.3	32.3	91.4	91.3	6.6	6.6	6.0	6.0	10	10						
					Middle	2.7	0.0	358	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	6	6
						2.7	0.1	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	6	6
					Bottom	4.4	0.0	7	22.3	22.3	8.2	8.2	32.4	32.4	92.7	93.0	6.7	6.7	6.2	6.2	9	9						
						4.4	0.0	10	22.3	22.3	8.2	8.2	32.4	32.4	93.2	93.0	6.7	6.7	6.2	6.2	9	9						
SR2	Misty	Moderate	13:05	5.8	Surface	1.0	0.1	45	22.4	22.4	8.2	8.2	32.3	32.3	93.6	93.8	6.7	6.8	4.5	4.5	9	9	821457	814168				
						1.0	0.1	52	22.4	22.4	8.2	8.2	32.3	32.3	93.9	93.8	6.7	6.8	4.6	4.6	8	8						
					Middle	-	0.1	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	5	5
						-	0.1	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	5	5
					Bottom	4.8	0.2	67	22.3	22.3	8.2	8.2	32.4	32.4	99.1	99.2	7.1	7.1	5.4	5.4	11	11						
						4.8	0.2	72	22.3	22.3	8.2	8.2	32.4	32.4	99.3	99.2	7.2	7.2	5.5	5.5	12	12						
SR3	Cloudy	Moderate	12:36	9.4	Surface	1.0	0.1	14	22.9	22.9	8.2	8.2	34.0	34.0	90.5	90.5	6.4	6.4	6.0	6.0	8	8	822156	807573				
						1.0	0.1	17	22.9	22.9	8.2	8.2	34.0	34.0	90.5	90.5	6.4	6.4	6.2	6.2	9	9						
					Middle	4.7	0.1	2	22.9	22.9	8.2	8.2	34.2	34.2	90.5	90.5	6.4	6.4	7.0	7.0	8	8						
						4.7	0.1	0	22.9	22.9	8.2	8.2	34.2	34.2	90.5	90.5	6.4	6.4	6.9	6.9	10	10						
					Bottom	8.4	0.1	42	22.8	22.8	8.2	8.2	34.6	34.6	90.9	90.9	6.4	6.4	11.1	11.1	12	12						
						8.4	0.2	39	22.8	22.8	8.2	8.2	34.6	34.6	90.9	90.9	6.4	6.4	11.0	11.0	13	13						
SR4A	Cloudy	Moderate	13:43	9.2	Surface	1.0	0.0	52	23.2	23.2	8.2	8.2	34.8	34.8	95.8	95.8	6.7	6.7	6.0	6.0	8	8	817202	807802				
						1.0	0.0	47	23.2	23.2	8.2	8.2	34.8	34.8	95.8	95.8	6.7	6.7	5.9	5.9	8	8						
					Middle	4.6	0.1	37	22.9	22.9	8.2	8.2	34.9	34.9	93.4	93.4	6.6	6.6	8.7	8.7	12	12						
						4.6	0.1	31	22.9	22.9	8.2	8.2	34.9	34.9	93.3	93.3	6.6	6.6	8.9	8.9	13	13						
					Bottom	8.2	0.1	29	22.8	22.8	8.2	8.2	34.9	34.9	92.7	92.7	6.5	6.5	12.7	12.7	16	16						
						8.2	0.1	35	22.8	22.8	8.2	8.2	34.9	34.9	92.7	92.7	6.5	6.5	12.8	12.8	15	15						
SR8	Misty	Moderate	12:39	5.2	Surface	1.0	-	-	22.5	22.5	8.2	8.2	32.1	32.1	92.4	92.4	6.6	6.6	8.1	8.1	10	10	820376	811600				
						1.0	-	-	22.5	22.5	8.2	8.2	32.1	32.1	92.4	92.4	6.7	6.7	8.1	8.1	9	9						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	11	11
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	11	11
					Bottom	4.2	-	-	22.5	22.5	8.2	8.2	32.1	32.1	93.4	94.0	6.7	6.8	9.0	9.0	11	11						
						4.2	-	-	22.5	22.5	8.2	8.2	32.1	32.1	94.5	94.5	6.8	6.8	9.1	9.1	12	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 10 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
C1	Cloudy	Moderate	08:57	8.4	Surface	1.0	0.4	45	22.7	22.7	8.2	8.2	34.3	34.3	95.8	95.8	6.8	6.8	6.8	13.7	8	9	815605	804265		
						1.0	0.4	40	22.7	8.2	8.2	34.3	34.3	95.7	95.7	6.8	6.8									
					Middle	4.2	0.4	17	22.6	22.6	8.2	8.2	34.7	34.7	95.4	95.4	6.7	6.7	6.7	6.7	11.2	11.5			7	7
						4.2	0.4	17	22.6	22.6	8.2	8.2	34.7	34.7	95.4	95.4	6.7	6.7	6.7	6.7	15.2	15.2			9	9
					Bottom	7.4	0.4	57	22.6	22.6	8.2	8.2	35.1	35.1	95.5	95.5	6.7	6.7	6.7	6.7	14.5	14.5			8	8
						7.4	0.4	61	22.6	22.6	8.2	8.2	35.1	35.1	95.5	95.5	6.7	6.7	6.7	6.7	14.8	14.8			10	10
C2	Cloudy	Moderate	10:02	11.4	Surface	1.0	0.4	354	23.1	23.1	8.1	8.1	33.9	33.9	90.3	90.3	6.4	6.4	6.4	8.7	9	10	825697	806943		
						1.0	0.4	351	23.1	23.1	8.1	8.1	33.9	33.9	90.3	90.3	6.4	6.4								
					Middle	5.7	0.4	347	23.0	23.0	8.2	8.2	34.2	34.2	90.3	90.3	6.4	6.4	6.4	6.4	4.8	4.9			10	10
						5.7	0.4	340	23.0	23.0	8.2	8.2	34.2	34.2	90.3	90.3	6.4	6.4	6.4	6.4	7.6	7.6			10	10
					Bottom	10.4	0.5	342	22.9	22.9	8.2	8.2	34.7	34.7	90.1	90.1	6.3	6.3	6.3	6.3	13.6	13.6			12	12
						10.4	0.5	342	22.9	22.9	8.2	8.2	34.7	34.7	90.1	90.1	6.3	6.3	6.3	6.3	13.3	13.3			11	11
C3	Misty	Moderate	09:02	10.0	Surface	1.0	0.5	256	22.4	22.4	8.1	8.0	31.9	31.9	87.1	87.2	6.3	6.3	6.3	8.2	6	6	822088	817793		
						1.0	0.4	257	22.4	22.4	8.0	8.0	31.9	31.9	87.2	87.2	6.3	6.3								
					Middle	5.0	0.5	259	22.4	22.4	8.0	8.0	31.8	31.8	87.8	88.0	6.3	6.3	6.3	6.3	7.2	7.3			6	6
						5.0	0.5	256	22.4	22.4	8.0	8.0	31.8	31.8	88.1	88.0	6.4	6.4	6.4	6.4	8.0	8.1			6	6
					Bottom	9.0	0.4	243	22.2	22.2	8.0	8.0	32.0	32.0	89.4	89.6	6.5	6.5	6.5	6.5	9.4	9.4			6	6
						9.0	0.4	239	22.1	22.2	8.0	8.0	32.0	32.0	89.7	89.6	6.5	6.5	6.5	6.5	9.5	9.5			7	7
IM1	Cloudy	Moderate	09:12	6.2	Surface	1.0	0.2	23	22.9	23.0	8.2	8.2	34.8	34.8	93.1	93.1	6.5	6.5	6.5	14.1	8	8	818350	806434		
						1.0	0.2	28	23.0	23.0	8.2	8.2	34.8	34.8	93.1	93.1	6.5	6.5								
					Middle	3.1	0.2	18	22.7	22.7	8.2	8.2	34.8	34.8	91.6	91.6	6.5	6.5	6.5	6.5	12.3	12.4			8	8
						3.1	0.3	20	22.7	22.7	8.2	8.2	34.8	34.8	91.6	91.6	6.5	6.5	6.5	6.5	14.8	15.0			8	8
					Bottom	5.2	0.3	19	22.7	22.7	8.2	8.2	34.9	34.9	90.9	90.9	6.4	6.4	6.4	6.4	15.1	15.1			8	8
						5.2	0.3	21	22.7	22.7	8.2	8.2	34.9	34.9	90.9	90.9	6.4	6.4	6.4	6.4	15.3	15.3			7	7
IM2	Cloudy	Moderate	09:19	7.4	Surface	1.0	0.3	29	22.9	22.9	8.2	8.2	34.9	34.9	92.6	92.6	6.5	6.5	6.5	9.1	6	6	819204	806239		
						1.0	0.3	23	22.9	22.9	8.2	8.2	34.9	34.9	92.6	92.6	6.5	6.5								
					Middle	3.7	0.3	30	22.7	22.7	8.2	8.2	34.9	34.9	92.6	92.7	6.5	6.5	6.5	6.5	9.3	9.4			5	5
						3.7	0.2	24	22.7	22.7	8.2	8.2	34.9	34.9	92.7	92.7	6.5	6.5	6.5	6.5	9.9	9.9			6	6
					Bottom	6.4	0.3	13	22.8	22.8	8.2	8.2	35.1	35.1	93.8	93.8	6.6	6.6	6.6	6.6	8.0	8.0			7	7
						6.4	0.3	5	22.8	22.8	8.2	8.2	35.2	35.1	93.8	93.8	6.6	6.6	6.6	6.6	8.1	8.1			6	6
IM7	Cloudy	Moderate	09:37	8.2	Surface	1.0	0.2	25	23.1	23.1	8.2	8.2	33.6	33.6	91.6	91.6	6.5	6.5	6.5	6.7	5	5	821345	806811		
						1.0	0.3	26	23.1	23.1	8.2	8.2	33.6	33.6	91.6	91.6	6.5	6.5								
					Middle	4.1	0.2	9	22.8	22.8	8.2	8.2	34.4	34.4	90.7	90.7	6.4	6.4	6.4	6.4	3.9	4.0			6	6
						4.1	0.3	1	22.8	22.8	8.2	8.2	34.4	34.4	90.7	90.7	6.4	6.4	6.4	6.4	6.3	6.6			5	5
					Bottom	7.2	0.2	359	22.8	22.8	8.2	8.2	35.0	35.0	90.6	90.6	6.4	6.4	6.4	6.4	9.2	9.2			4	4
						7.2	0.2	356	22.8	22.8	8.2	8.2	35.0	35.0	90.5	90.5	6.4	6.4	6.4	6.4	10.4	10.4			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 10 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
IM10	Misty	Moderate	10:03	9.0	Surface	1.0	0.3	312	22.3	22.3	8.2	8.2	32.2	32.2	89.5	89.6	6.5	6.5	6.2	7.4	10	9	822224	809816		
						1.0	0.3	311	22.3		8.2		32.2		89.6		6.5		6.2		9					
					Middle	4.5	0.3	283	22.3	22.3	8.2	8.2	32.2	32.2	90.5	90.6	6.5	6.5	7.5	7.5	8				8	8
						4.5	0.3	288	22.3		8.2		32.2		90.6		6.5		7.5		9					
					Bottom	8.0	0.3	301	22.2	22.2	8.2	8.2	32.3	32.3	92.0	92.2	6.7	6.7	8.6	8.6	8				8	8
						8.0	0.3	295	22.1		8.2		32.3		92.4		6.7		8.7		7					
IM11	Misty	Moderate	09:58	8.2	Surface	1.0	0.4	277	22.3	22.3	8.2	8.2	32.2	32.2	91.4	91.5	6.6	6.6	7.4	8.4	6	8	821488	810524		
						1.0	0.4	283	22.3		8.2		32.2		91.5		6.6		7.3		7					
					Middle	4.1	0.4	280	22.3	22.3	8.2	8.2	32.2	32.2	91.9	92.0	6.6	6.6	8.9	8.9	9				9	9
						4.1	0.4	284	22.3		8.2		32.2		92.0		6.6		8.9		8					
					Bottom	7.2	0.4	302	22.3	22.3	8.2	8.2	32.3	32.3	92.8	93.0	6.7	6.7	9.0	9.0	9				9	9
						7.2	0.4	304	22.2		8.2		32.3		93.2		6.7		9.1		10					
IM12	Misty	Moderate	09:53	8.4	Surface	1.0	0.4	281	22.3	22.3	8.2	8.2	32.1	32.1	91.7	91.8	6.6	6.6	7.0	7.7	6	7	821170	811500		
						1.0	0.4	278	22.3		8.2		32.1		91.8		6.6		7.0		6					
					Middle	4.2	0.4	271	22.2	22.2	8.2	8.2	32.2	32.2	92.6	92.8	6.7	6.7	7.1	7.1	7				7	7
						4.2	0.4	272	22.1		8.2		32.3		92.9		6.7		7.2		6					
					Bottom	7.4	0.4	279	21.9	21.9	8.2	8.2	32.4	32.3	95.1	95.5	6.9	7.0	8.9	8.9	7				7	7
						7.4	0.4	283	21.9		8.2		32.2		95.9		7.0		8.8		8					
SR1A	Misty	Moderate	09:32	5.0	Surface	1.0	0.0	195	22.4	22.4	8.1	8.1	31.9	31.9	87.3	87.4	6.3	6.3	8.1	8.6	6	7	819979	812657		
						1.0	0.0	196	22.4		8.1		31.9		87.5		6.3		8.1		7					
					Middle	2.5	0.0	207	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						2.5	0.0	199	-		-		-		-		-		-		-					
					Bottom	4.0	0.0	205	22.3	22.3	8.1	8.1	31.9	31.9	88.2	88.3	6.4	6.4	9.0	9.0	7				7	7
						4.0	0.0	211	22.3		8.1		31.9		88.4		6.4		9.0		7					
SR2	Misty	Moderate	09:20	5.6	Surface	1.0	0.1	247	22.2	22.2	8.1	8.1	31.8	31.8	92.1	92.3	6.7	6.7	7.8	8.1	10	9	821447	814172		
						1.0	0.1	242	22.2		8.1		31.8		92.4		6.7		7.8		9					
					Middle	-	0.1	232	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	0.1	231	-		-		-		-		-		-		-					
					Bottom	4.6	0.2	257	22.1	22.1	8.1	8.0	31.8	31.8	93.5	93.6	6.8	6.8	8.5	8.5	8				8	8
						4.6	0.2	261	22.0		8.0		31.8		93.6		6.8		8.5		7					
SR3	Cloudy	Moderate	09:44	9.2	Surface	1.0	0.4	348	22.9	22.9	8.2	8.2	34.5	34.5	90.4	90.5	6.4	6.4	6.9	11.3	8	7	822133	807567		
						1.0	0.4	353	22.9		8.2		34.5		90.5		6.4		6.9		7					
					Middle	4.6	0.3	355	22.7	22.7	8.2	8.2	34.9	34.9	90.5	90.5	6.4	6.4	13.0	13.0	6				6	6
						4.6	0.3	359	22.7		8.2		34.9		90.5		6.4		12.2		7					
					Bottom	8.2	0.3	355	22.7	22.7	8.1	8.1	34.9	34.9	90.8	90.8	6.4	6.4	14.5	14.5	6				6	6
						8.2	0.4	357	22.7		8.1		34.9		90.8		6.4		14.2		7					
SR4A	Cloudy	Moderate	08:35	9.1	Surface	1.0	0.0	224	22.8	22.8	8.1	8.1	35.0	35.0	94.2	94.2	6.6	6.6	12.5	14.2	7	7	817195	807828		
						1.0	0.0	217	22.8		8.1		35.0		94.2		6.6		12.5		6					
					Middle	4.6	0.0	227	22.8	22.8	8.1	8.1	35.0	35.0	94.0	94.0	6.6	6.6	14.5	14.5	7				7	7
						4.6	0.1	227	22.8		8.1		35.0		94.0		6.6		13.6		7					
					Bottom	8.1	0.0	235	22.8	22.8	8.1	8.1	35.0	35.0	94.0	94.0	6.6	6.6	16.0	16.0	7				7	7
						8.1	0.0	241	22.8		8.1		35.0		94.0		6.6		16.3		8					
SR8	Misty	Moderate	09:49	5.2	Surface	1.0	-	-	22.3	22.3	8.2	8.2	32.2	32.2	92.5	92.6	6.7	6.7	9.3	9.7	8	8	820394	811643		
						1.0	-	-	22.3		8.2		32.2		92.7		6.7		9.3		8					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	-	-	-		-		-		-		-		-		-					
					Bottom	4.2	-	-	22.2	22.2	8.2	8.2	32.3	32.3	95.1	97.2	6.9	7.1	10.0	10.0	7				7	7
						4.2	-	-	22.2		8.2		32.3		99.3		7.2		10.0		8					

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Water Quality Monitoring

Water Quality Monitoring Results on 12 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	14:28	8.6	Surface	1.0	0.0	129	22.7	8.2	8.2	30.6	30.6	93.3	93.3	6.7	6.7	7.9	9	9	815643	804266		
						1.0	0.0	127	22.7	8.3	8.2	30.7	30.6	93.2	93.3	6.7	6.7	8.1	10					
					Middle	4.3	0.0	115	22.6	8.3	8.3	31.1	31.1	92.9	93.0	6.7	6.7	8.9	9					
						4.3	0.1	113	22.6	8.3	8.3	31.2	31.1	93.0	93.0	6.7	6.7	8.2	9					
					Bottom	7.6	0.1	146	22.6	8.3	8.3	31.3	31.3	93.5	93.6	6.8	6.8	13.2	8					
						7.6	0.1	152	22.6	8.3	8.3	31.3	31.3	93.6	93.6	6.8	6.8	13.3	9					
C2	Cloudy	Moderate	13:22	11.3	Surface	1.0	0.1	359	22.9	8.1	8.1	30.1	30.1	85.6	85.6	6.2	6.2	8.7	8	7	825695	806968		
						1.0	0.1	355	22.9	8.1	8.1	30.1	30.1	85.5	85.6	6.2	6.2	9.2	7					
					Middle	5.7	0.1	11	22.8	8.1	8.1	30.3	30.3	85.2	85.2	6.2	6.2	11.2	6					
						5.7	0.1	10	22.8	8.1	8.1	30.3	30.3	85.2	85.2	6.2	6.2	11.8	7					
					Bottom	10.3	0.1	331	22.8	8.1	8.1	30.3	30.3	85.4	85.4	6.2	6.2	10.8	5					
						10.3	0.1	326	22.8	8.1	8.1	30.3	30.3	85.4	85.4	6.2	6.2	10.5	6					
C3	Misty	Moderate	14:33	12.0	Surface	1.0	0.0	73	23.8	8.1	8.1	33.8	33.8	89.3	89.3	6.2	6.2	1.2	7	7	822091	817796		
						1.0	0.1	67	23.8	8.1	8.1	33.8	33.8	89.3	89.3	6.2	6.2	1.2	6					
					Middle	6.0	-	86	23.8	8.1	8.1	33.8	33.8	89.4	89.5	6.2	6.2	1.3	6					
						6.0	0.0	87	23.8	8.1	8.1	33.8	33.8	89.5	89.5	6.2	6.2	1.3	8					
					Bottom	11.0	0.0	59	23.8	8.1	8.1	33.8	33.8	89.6	89.7	6.2	6.3	2.4	8					
						11.0	0.0	54	23.8	8.1	8.1	33.8	33.8	89.8	89.7	6.3	6.3	2.4	7					
IM1	Cloudy	Moderate	14:11	6.8	Surface	1.0	0.0	37	22.9	8.2	8.2	31.1	31.1	91.2	91.1	6.6	6.5	12.9	12	11	818364	806471		
						1.0	0.0	36	22.9	8.2	8.2	31.1	31.1	90.9	91.1	6.5	6.5	13.0	11					
					Middle	3.4	-	51	22.9	8.2	8.2	31.2	31.2	89.2	89.2	6.4	6.4	13.6	11					
						3.4	-	56	22.9	8.2	8.2	31.3	31.2	89.2	89.2	6.4	6.4	13.6	10					
					Bottom	5.8	0.0	30	22.9	8.2	8.2	31.3	31.3	89.6	89.8	6.4	6.4	14.2	10					
						5.8	0.1	29	23.0	8.2	8.2	31.2	31.3	89.9	89.8	6.4	6.4	14.8	9					
IM2	Cloudy	Moderate	14:05	8.1	Surface	1.0	0.1	26	23.0	8.2	8.2	31.0	31.0	92.6	92.6	6.7	6.7	8.2	12	9	819198	806215		
						1.0	0.1	22	23.0	8.2	8.2	31.0	31.0	92.6	92.6	6.7	6.7	8.3	12					
					Middle	4.1	0.0	53	23.0	8.2	8.2	31.1	31.2	93.5	93.6	6.7	6.7	9.2	11					
						4.1	-	52	23.0	8.2	8.2	31.2	31.2	93.7	93.6	6.7	6.7	9.4	10					
					Bottom	7.1	0.1	20	23.1	8.2	8.2	31.3	31.3	94.7	94.8	6.8	6.8	12.4	9					
						7.1	0.1	26	23.1	8.2	8.2	31.3	31.3	94.8	94.8	6.8	6.8	12.0	10					
IM7	Cloudy	Moderate	13:46	8.2	Surface	1.0	0.1	36	23.1	8.2	8.2	30.1	30.2	91.1	91.1	6.6	6.6	5.2	6	7	821360	806829		
						1.0	0.1	35	23.0	8.2	8.2	30.2	30.2	91.1	91.1	6.6	6.6	5.8	6					
					Middle	4.1	0.1	66	22.9	8.2	8.2	30.7	30.8	91.7	91.8	6.6	6.6	8.0	7					
						4.1	0.1	65	22.9	8.2	8.2	30.8	30.8	91.9	91.8	6.6	6.6	8.3	8					
					Bottom	7.2	0.1	47	22.9	8.2	8.2	31.0	31.0	92.5	92.6	6.6	6.6	10.0	9					
						7.2	0.1	39	22.9	8.2	8.2	31.0	31.0	92.6	92.6	6.7	6.7	9.8	10					

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Water Quality Monitoring

Water Quality Monitoring Results on 12 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Misty	Moderate	13:28	9.8	Surface	1.0	0.1	337	<u>23.8</u>	23.8	8.1	8.1	<u>33.8</u>	33.8	<u>88.6</u>	88.6	6.2	6.2	2.7	3.7	7	9	82244	809835
						1.0	0.1	340	<u>23.8</u>		8.1		<u>33.8</u>		<u>88.6</u>		6.2		2.6		8			
					Middle	4.9	0.1	316	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.7</u>	6.2	3.7	9									
						4.9	0.1	315	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.7</u>	6.2	3.7	10									
					Bottom	8.8	0.1	344	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.6</u>	6.2	4.8	10									
						8.8	0.1	343	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.6</u>	6.2	4.9	10									
IM11	Misty	Moderate	13:39	8.0	Surface	1.0	0.1	320	<u>23.8</u>	23.8	8.1	8.1	<u>33.8</u>	33.7	<u>88.1</u>	88.4	6.2	6.2	1.6	2.4	6	8	821498	810557
						1.0	0.1	318	<u>23.8</u>		8.1		<u>33.7</u>		<u>88.6</u>		6.2		1.6		7			
					Middle	4.0	0.1	293	<u>23.8</u>	8.1	<u>33.9</u>	<u>88.6</u>	6.2	2.5	9									
						4.0	0.0	298	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.7</u>	6.2	2.5	8									
					Bottom	7.0	0.0	312	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.1</u>	6.2	3.2	10									
						7.0	0.1	314	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.1</u>	6.1	3.2	9									
IM12	Misty	Moderate	13:45	8.2	Surface	1.0	0.1	300	<u>23.8</u>	23.8	8.1	8.1	<u>33.9</u>	33.9	<u>88.0</u>	88.1	6.1	6.1	1.9	2.6	7	7	821174	811503
						1.0	0.1	296	<u>23.8</u>		8.1		<u>33.9</u>		<u>88.1</u>		6.1		2.0		6			
					Middle	4.1	0.1	319	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.6</u>	6.1	2.7	7									
						4.1	0.1	314	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.6</u>	6.2	2.6	7									
					Bottom	7.2	0.1	306	<u>23.8</u>	8.1	<u>33.7</u>	<u>88.7</u>	6.2	3.3	7									
						7.2	0.1	300	<u>23.8</u>	8.1	<u>33.8</u>	<u>88.0</u>	6.2	3.2	7									
SR1A	Misty	Moderate	14:04	5.0	Surface	1.0	0.0	350	<u>23.9</u>	23.9	8.1	8.1	<u>33.9</u>	33.9	<u>87.4</u>	87.5	6.1	6.1	2.6	2.9	9	10	819971	812660
						1.0	0.1	354	<u>23.9</u>		8.1		<u>33.9</u>		<u>87.5</u>		6.1		2.5		9			
					Middle	2.5	0.1	332	-	-	-	-	-	-	-									
						2.5	0.1	332	-	-	-	-	-	-	-									
					Bottom	4.0	0.0	337	<u>23.9</u>	8.1	<u>33.8</u>	<u>87.8</u>	6.1	3.2	10									
						4.0	0.1	332	<u>23.9</u>	8.1	<u>33.8</u>	<u>87.8</u>	6.1	3.3	11									
SR2	Misty	Moderate	14:15	4.4	Surface	1.0	0.1	55	<u>23.8</u>	23.8	8.1	8.1	<u>33.7</u>	33.7	<u>90.5</u>	90.7	6.3	6.3	1.3	1.9	9	9	821483	814179
						1.0	0.1	61	<u>23.8</u>		8.1		<u>33.7</u>		<u>90.9</u>		6.3		1.3		9			
					Middle	-	0.0	63	-	-	-	-	-	-	-									
						-	0.0	57	-	-	-	-	-	-	-									
					Bottom	3.4	0.0	26	<u>23.9</u>	8.1	<u>33.6</u>	<u>94.5</u>	6.6	2.6	8									
						3.4	0.0	23	<u>23.9</u>	8.1	<u>33.9</u>	<u>94.6</u>	6.9	2.5	8									
SR3	Cloudy	Moderate	13:40	9.2	Surface	1.0	0.1	21	<u>23.0</u>	23.0	8.2	8.2	<u>30.3</u>	30.3	<u>87.3</u>	87.1	6.3	6.2	6.5	9.1	5	6	822138	807570
						1.0	0.1	25	<u>23.0</u>		8.2		<u>30.3</u>		<u>86.9</u>		6.3		6.6		5			
					Middle	4.6	0.1	6	<u>23.0</u>	8.2	<u>30.5</u>	<u>85.1</u>	6.1	9.3	5									
						4.6	0.1	3	<u>22.9</u>	8.2	<u>30.5</u>	<u>84.7</u>	6.1	9.3	6									
					Bottom	8.2	0.1	20	<u>22.9</u>	8.2	<u>30.9</u>	<u>90.0</u>	6.5	11.2	8									
						8.2	0.1	12	<u>22.9</u>	8.2	<u>30.9</u>	<u>90.2</u>	6.5	11.6	7									
SR4A	Cloudy	Moderate	14:46	9.4	Surface	1.0	0.0	104	<u>22.9</u>	22.9	8.2	8.2	<u>31.2</u>	31.2	<u>92.2</u>	92.2	6.6	6.6	9.1	10.4	10	8	817189	807796
						1.0	0.0	106	<u>22.9</u>		8.2		<u>31.2</u>		<u>92.2</u>		6.6		9.2		10			
					Middle	4.7	0.0	77	<u>22.9</u>	8.2	<u>31.2</u>	<u>91.9</u>	6.6	10.1	9									
						4.7	0.0	84	<u>22.9</u>	8.2	<u>31.2</u>	<u>91.9</u>	6.6	10.4	8									
					Bottom	8.4	0.0	100	<u>22.9</u>	8.2	<u>31.2</u>	<u>92.0</u>	6.6	11.8	7									
						8.4	0.1	103	<u>22.9</u>	8.2	<u>31.2</u>	<u>92.0</u>	6.6	11.9	6									
SR8	Misty	Moderate	13:49	5.8	Surface	1.0	-	-	<u>23.8</u>	23.8	8.1	8.1	<u>33.9</u>	33.9	<u>87.9</u>	87.9	6.1	6.1	4.3	4.8	6	8	820399	811638
						1.0	-	-	<u>23.8</u>		8.1		<u>33.9</u>		<u>87.9</u>		6.1		4.3		7			
					Middle	-	-	-	-	-	-	-	-	-	-									
						-	-	-	-	-	-	-	-	-	-									
					Bottom	4.8	-	-	<u>23.8</u>	8.1	<u>33.9</u>	<u>88.0</u>	6.1	5.3	9									
						4.8	-	-	<u>23.8</u>	8.1	<u>33.9</u>	<u>88.0</u>	6.1	5.3	10									

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Water Quality Monitoring

Water Quality Monitoring Results on 12 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
C1	Cloudy	Moderate	10:35	8.4	Surface	1.0	0.3	34	22.7	22.7	8.2	8.2	30.3	30.3	92.9	92.9	6.7	6.7	6.7	6.7	8.2	8.2	9	8	815623	804260
						1.0	0.3	32	22.7	8.2	8.2	30.3	30.3	92.9	92.9	6.7	6.7	6.7	6.7	8.2	8.2	10				
					Middle	4.2	0.4	24	22.6	22.6	8.3	8.3	31.1	31.1	92.5	92.5	6.7	6.7	6.7	6.7	11.2	11.2	8			
						4.2	0.4	29	22.6	22.6	8.3	8.3	31.1	31.1	92.5	92.5	6.7	6.7	6.7	6.7	11.6	11.6	7			
					Bottom	7.4	0.3	24	22.6	22.6	8.3	8.3	31.2	31.2	93.2	93.2	6.7	6.7	6.7	6.7	13.2	13.2	7			
						7.4	0.3	21	22.6	22.6	8.3	8.3	31.2	31.2	93.3	93.3	6.7	6.7	6.7	6.7	13.9	13.9	6			
C2	Cloudy	Moderate	11:36	12.5	Surface	1.0	0.2	352	22.9	22.9	8.1	8.1	29.8	29.8	86.7	86.6	6.3	6.3	6.3	6.3	5.7	5.7	6	6	825664	806926
						1.0	0.2	346	22.9	22.9	8.1	8.1	29.9	29.8	86.5	86.6	6.3	6.3	6.3	6.3	5.7	5.7	7			
					Middle	6.3	0.2	339	22.8	22.8	8.1	8.1	30.3	30.3	85.7	85.7	6.2	6.2	6.2	6.2	15.0	15.0	5			
						6.3	0.2	332	22.8	22.8	8.1	8.1	30.3	30.3	85.7	85.7	6.2	6.2	6.2	6.2	14.6	14.6	6			
					Bottom	11.5	0.2	328	22.9	22.9	8.1	8.1	30.7	30.7	86.7	86.8	6.3	6.3	6.3	6.3	13.3	13.3	5			
						11.5	0.2	324	22.9	22.9	8.1	8.1	30.7	30.7	86.9	86.8	6.3	6.3	6.3	6.3	13.1	13.1	5			
C3	Misty	Moderate	09:33	9.2	Surface	1.0	0.4	273	23.8	23.8	8.0	8.0	34.2	34.2	87.4	87.4	6.1	6.1	6.1	6.1	5.0	5.0	4	4	822129	817818
						1.0	0.4	274	23.8	23.8	8.0	8.0	34.2	34.2	87.4	87.4	6.1	6.1	6.1	6.1	5.0	5.0	4			
					Middle	4.6	0.4	260	23.8	23.8	8.0	8.0	34.3	34.3	87.5	87.6	6.1	6.1	6.1	6.1	5.3	5.3	4			
						4.6	0.4	257	23.8	23.8	8.0	8.0	34.3	34.3	87.6	87.6	6.1	6.1	6.1	6.1	5.3	5.3	5			
					Bottom	8.2	0.5	277	23.9	23.9	8.0	8.0	34.3	34.3	88.5	88.6	6.1	6.1	6.1	6.1	7.1	7.1	4			
						8.2	0.5	282	23.9	23.9	8.0	8.0	34.3	34.3	88.6	88.6	6.1	6.1	6.1	6.1	7.1	7.1	5			
IM1	Cloudy	Moderate	10:50	6.6	Surface	1.0	0.2	13	22.9	22.9	8.2	8.2	31.0	31.0	92.1	92.1	6.6	6.6	6.6	6.6	9.1	9.1	10	11	818373	806441
						1.0	0.2	16	22.9	22.9	8.2	8.2	31.0	31.0	92.1	92.1	6.6	6.6	6.6	6.6	9.0	9.0	10			
					Middle	3.3	0.2	30	22.8	22.8	8.2	8.2	31.0	31.1	90.9	91.0	6.5	6.5	6.5	6.5	13.1	13.1	11			
						3.3	0.2	22	22.8	22.8	8.2	8.2	31.1	31.1	91.0	91.0	6.6	6.6	6.6	6.6	13.5	13.5	10			
					Bottom	5.6	0.3	6	22.8	22.8	8.2	8.2	31.2	31.2	91.7	91.8	6.6	6.6	6.6	6.6	18.4	18.4	12			
						5.6	0.3	358	22.8	22.8	8.2	8.2	31.2	31.2	91.9	91.8	6.6	6.6	6.6	6.6	18.4	18.4	12			
IM2	Cloudy	Moderate	10:56	6.8	Surface	1.0	0.2	357	22.9	22.9	8.2	8.2	31.0	31.0	92.1	92.1	6.6	6.6	6.6	6.6	7.7	7.7	6	8	819164	806220
						1.0	0.3	351	22.9	22.9	8.2	8.2	31.0	31.0	92.0	92.1	6.6	6.6	6.6	6.6	7.7	7.7	7			
					Middle	3.4	0.2	3	22.9	22.9	8.2	8.2	31.1	31.1	91.9	91.9	6.6	6.6	6.6	6.6	8.0	8.0	8			
						3.4	0.2	10	22.9	22.9	8.2	8.2	31.1	31.1	91.9	91.9	6.6	6.6	6.6	6.6	8.1	8.1	7			
					Bottom	5.8	0.2	355	23.0	23.0	8.2	8.2	31.3	31.3	92.9	93.0	6.7	6.7	6.7	6.7	11.7	11.7	9			
						5.8	0.2	352	23.0	23.0	8.2	8.2	31.3	31.3	93.0	93.0	6.7	6.7	6.7	6.7	11.9	11.9	9			
IM7	Cloudy	Moderate	11:13	7.8	Surface	1.0	0.2	4	23.0	23.0	8.2	8.2	30.2	30.2	90.1	90.2	6.5	6.5	6.5	6.5	5.6	5.6	4	5	821363	806856
						1.0	0.2	7	23.0	23.0	8.2	8.2	30.3	30.3	90.3	90.3	6.5	6.5	6.5	6.5	5.7	5.7	6			
					Middle	3.9	0.2	359	23.0	23.0	8.2	8.2	30.9	30.9	91.1	91.1	6.5	6.5	6.5	6.5	8.0	8.0	5			
						3.9	0.2	5	23.0	23.0	8.2	8.2	31.0	31.0	91.1	91.1	6.5	6.5	6.5	6.5	8.4	8.4	5			
					Bottom	6.8	0.2	18	23.0	23.0	8.2	8.2	31.2	31.2	91.4	91.5	6.6	6.6	6.6	6.6	10.5	10.5	5			
						6.8	0.2	20	23.0	23.0	8.2	8.2	31.2	31.2	91.5	91.5	6.6	6.6	6.6	6.6	10.5	10.5	4			

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Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA		
IM10	Misty	Moderate	10:35	9.2	Surface	1.0	0.3	294	<u>23.8</u>	23.8	8.1	8.1	<u>33.9</u>	33.9	<u>88.7</u>	88.7	6.2	6.2	2.1	2.5	8	6	822230	809842				
						1.0	0.3	288	<u>23.8</u>		8.1		<u>33.9</u>		<u>88.7</u>		6.2		2.0		6							
					Middle	4.6	0.3	290	<u>23.8</u>	8.1	8.1	<u>33.9</u>	33.9	<u>88.8</u>	88.9	6.2	6.2	2.1	6									
						4.6	0.3	295	<u>23.8</u>	8.1	8.1	<u>33.9</u>	33.9	<u>88.9</u>	88.9	6.2	6.2	2.1	6									
					Bottom	8.2	0.2	312	<u>23.8</u>	23.8	8.1	8.1	<u>33.9</u>	33.9	<u>89.0</u>	89.0	6.2	6.2	3.2	6								
						8.2	0.2	305	<u>23.8</u>		8.1	8.1	<u>33.9</u>	33.9	<u>89.0</u>	89.0	6.2	6.2	3.2	6								
IM11	Misty	Moderate	10:29	8.2	Surface	1.0	0.4	271	<u>23.8</u>	23.8	8.1	8.1	<u>33.9</u>	33.9	<u>89.2</u>	89.2	6.2	6.2	1.3	2.2	6	7	821480	810535				
						1.0	0.4	271	<u>23.8</u>		8.1		<u>33.9</u>		<u>89.2</u>		6.2		1.3		6							
					Middle	4.1	0.4	278	<u>23.8</u>	23.8	8.1	8.1	<u>33.9</u>	33.9	<u>89.5</u>	89.6	6.2	6.2	2.1	6								
						4.1	0.3	271	<u>23.8</u>		8.1	8.1	<u>33.9</u>	33.9	<u>89.7</u>	89.6	6.2	6.2	2.2	7								
					Bottom	7.2	0.4	268	<u>23.8</u>	23.8	8.1	8.1	<u>33.9</u>	33.9	<u>90.2</u>	90.6	6.3	6.3	3.3	8								
						7.2	0.3	270	<u>23.8</u>		8.1	8.1	<u>33.9</u>	33.9	<u>90.9</u>	90.6	6.3	6.3	3.3	9								
IM12	Misty	Moderate	10:25	8.4	Surface	1.0	0.4	281	<u>23.8</u>	23.8	8.1	8.1	<u>34.2</u>	34.2	<u>86.0</u>	86.0	6.0	6.0	4.4	5.5	10	9	821145	811510				
						1.0	0.4	280	<u>23.8</u>		8.1		<u>34.2</u>		<u>86.0</u>		6.0		4.4		9							
					Middle	4.2	0.3	275	<u>23.8</u>	23.8	8.1	8.1	<u>34.3</u>	34.3	<u>86.8</u>	86.9	6.0	6.0	5.4	7								
						4.2	0.3	278	<u>23.8</u>		8.1	8.1	<u>34.3</u>	34.3	<u>86.9</u>	86.9	6.0	6.0	5.4	8								
					Bottom	7.4	0.3	281	<u>23.8</u>	23.8	8.1	8.1	<u>34.2</u>	34.2	<u>87.4</u>	87.5	6.1	6.1	6.6	6								
						7.4	0.3	282	<u>23.8</u>		8.1	8.1	<u>34.2</u>	34.2	<u>87.5</u>	87.5	6.1	6.1	6.7	6								
SR1A	Misty	Moderate	10:04	5.0	Surface	1.0	0.0	191	<u>23.8</u>	23.8	8.1	8.1	<u>34.0</u>	34.0	<u>88.5</u>	88.5	6.2	6.2	1.7	1.8	8	7	819972	812658				
						1.0	0.0	186	<u>23.8</u>		8.1		<u>34.0</u>		<u>88.4</u>		6.1		1.6		7							
					Middle	2.5	0.0	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
						2.5	0.0	185	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
					Bottom	4.0	0.0	187	<u>23.8</u>	23.8	8.1	8.1	<u>34.0</u>	34.0	<u>87.8</u>	87.8	6.1	6.1	2.0	12								
						4.0	0.0	186	<u>23.8</u>		8.1	8.1	<u>34.0</u>	34.0	<u>87.7</u>	87.8	6.1	6.1	2.0	11								
SR2	Misty	Moderate	09:51	5.6	Surface	1.0	0.1	249	<u>23.8</u>	23.8	8.0	8.0	<u>34.1</u>	34.1	<u>87.7</u>	87.9	6.1	6.1	2.7	3.0	6	7	821460	814181				
						1.0	0.1	250	<u>23.8</u>		8.0		<u>34.1</u>		<u>88.1</u>		6.1		2.7		7							
					Middle	-	0.1	241	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
						-	0.1	246	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
					Bottom	4.6	0.1	240	<u>23.8</u>	23.8	8.0	8.0	<u>34.1</u>	34.0	<u>88.1</u>	88.1	6.1	6.1	3.3	8								
						4.6	0.1	247	<u>23.8</u>		8.0	8.0	<u>33.9</u>	34.0	<u>88.1</u>	88.1	6.1	6.1	3.4	8								
SR3	Cloudy	Moderate	11:20	8.8	Surface	1.0	0.2	348	<u>23.0</u>	23.0	8.1	8.1	<u>29.9</u>	29.9	<u>88.7</u>	88.8	6.4	6.5	5.4	9.4	5	4	822148	807576				
						1.0	0.2	349	<u>23.0</u>		8.1		<u>29.9</u>		<u>88.9</u>		6.4		5.6		4							
					Middle	4.4	0.2	353	<u>22.9</u>	23.0	8.2	8.2	<u>30.8</u>	30.8	<u>91.3</u>	91.4	6.6	6.6	7.0	6								
						4.4	0.2	353	<u>23.0</u>		8.2	8.2	<u>30.9</u>	30.8	<u>91.5</u>	91.4	6.6	6.6	7.3	6								
					Bottom	7.8	0.2	344	<u>23.0</u>	23.0	8.2	8.2	<u>31.1</u>	31.1	<u>92.2</u>	92.3	6.6	6.6	15.2	7								
						7.8	0.2	345	<u>23.0</u>		8.2	8.2	<u>31.1</u>	31.1	<u>92.3</u>	92.3	6.6	6.6	15.9	7								
SR4A	Cloudy	Moderate	10:15	8.6	Surface	1.0	0.0	178	<u>23.1</u>	23.1	8.1	8.1	<u>31.0</u>	31.0	<u>93.4</u>	93.4	6.7	6.7	6.1	8.3	9	10	817180	807789				
						1.0	0.1	182	<u>23.1</u>		8.1		<u>31.0</u>		<u>93.4</u>		6.7		6.2		10							
					Middle	4.3	0.0	188	<u>23.0</u>	23.0	8.1	8.1	<u>31.0</u>	31.0	<u>92.8</u>	92.8	6.7	6.7	7.3	10								
						4.3	0.0	192	<u>23.0</u>		8.1	8.1	<u>31.0</u>	31.0	<u>92.7</u>	92.8	6.7	6.7	7.4	9								
					Bottom	7.6	0.0	171	<u>23.0</u>	23.0	8.1	8.1	<u>31.0</u>	31.0	<u>92.1</u>	92.1	6.6	6.6	11.5	10								
						7.6	0.0	168	<u>23.0</u>		8.1	8.1	<u>31.0</u>	31.0	<u>92.1</u>	92.1	6.6	6.6	11.3	10								
SR8	Misty	Moderate	10:20	5.4	Surface	1.0	-	-	<u>23.8</u>	23.8	8.1	8.1	<u>34.2</u>	34.2	<u>86.5</u>	86.5	6.0	6.0	3.2	3.7	6	6	820374	811602				
						1.0	-	-	<u>23.8</u>		8.1		<u>34.2</u>		<u>86.5</u>		6.0		3.2		6							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
					Bottom	4.4	-	-	<u>23.8</u>	23.8	8.1	8.1	<u>34.1</u>	34.1	<u>87.3</u>	87.4	6.1	6.1	4.1	10								
						4.4	-	-	<u>23.8</u>		8.1	8.1	<u>34.1</u>	34.1	<u>87.4</u>	87.4	6.1	6.1	4.1	11								

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 15 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)											
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA									
C1	Cloudy	Moderate	05:01	8.2	Surface	1.0	0.5	214	24.0	24.0	8.4	8.4	33.1	33.1	91.4	91.3	6.4	6.4	6.4	8.1	8	8	815622	804250											
						1.0	0.5	212	24.0	8.4	8.4	33.1	33.1	91.2	91.3	6.4	6.4																		
					Middle	4.1	0.5	227	23.8	23.8	8.4	8.4	33.5	33.5	90.6	90.7	6.3	6.3	6.4	8.1	8	7			815622	804250									
						4.1	0.4	221	23.8	23.8	8.4	8.4	33.5	33.5	90.7	90.7	6.3	6.3																	
					Bottom	7.2	0.5	227	23.8	23.8	8.4	8.4	33.4	33.4	91.4	91.4	6.4	6.4	6.4	8.1	8	7					815622	804250							
						7.2	0.6	225	23.8	23.8	8.4	8.4	33.4	33.4	91.4	91.4	6.4	6.4																	
					C2	Cloudy	Moderate	06:26	11.2	Surface	1.0	0.8	165	24.8	24.8	8.3	8.3	30.7	30.7	89.2	89.3	6.2							6.2	6.1	8.1	3	2	825659	806950
											1.0	0.8	160	24.8	24.8	8.3	8.3	30.8	30.7	89.3	89.3	6.2							6.2						
Middle	5.6	0.8	178	24.2						24.2	8.3	8.3	32.1	32.1	85.1	85.2	5.9	5.9	6.1	8.1	3	2	825659	806950											
	5.6	0.8	173	24.2						24.2	8.3	8.3	32.1	32.1	85.2	85.2	5.9	5.9																	
Bottom	10.2	0.8	179	24.4						24.5	8.2	8.2	31.9	31.8	86.6	86.8	6.0	6.0	6.1	8.1	3	4			825659	806950									
	10.2	0.8	185	24.5						24.5	8.2	8.2	31.8	31.8	87.0	87.0	6.1	6.1																	
C3	Fine	Moderate	03:15	10.1						Surface	1.0	0.4	82	23.6	23.6	8.1	8.1	33.0	33.0	88.1	88.1	6.2					6.2	6.2	7.2	6	4	822098	817814		
											1.0	0.4	82	23.6	23.6	8.1	8.1	33.0	33.0	88.1	88.1	6.2					6.2								
					Middle	5.1	0.3	94	23.5	23.5	8.1	8.1	33.1	33.1	86.8	86.8	6.1	6.1	6.0	7.2	5	6					822098	817814							
						5.1	0.4	89	23.5	23.5	8.1	8.1	33.1	33.1	86.8	86.8	6.1	6.1																	
					Bottom	9.1	0.4	66	23.5	23.5	8.1	8.1	33.3	33.3	85.0	85.0	6.0	6.0	6.0	7.2	4	3	822098	817814											
						9.1	0.4	71	23.5	23.5	8.1	8.1	33.3	33.3	84.9	85.0	6.0	6.0																	
					IM1	Cloudy	Moderate	05:23	6.2	Surface	1.0	0.4	192	24.2	24.2	8.4	8.4	33.1	33.1	91.7	91.7	6.4			6.4	6.4			9.4	6	6			818357	806469
											1.0	0.3	184	24.2	24.2	8.4	8.4	33.1	33.1	91.7	91.7	6.4			6.4										
Middle	3.1	0.4	209	23.9						23.9	8.4	8.4	33.4	33.4	90.6	90.6	6.3	6.3	6.3	9.4	6	7			818357	806469									
	3.1	0.4	211	23.9						23.9	8.4	8.4	33.4	33.4	90.5	90.6	6.3	6.3																	
Bottom	5.2	0.4	181	23.8						23.8	8.4	8.4	33.5	33.5	90.5	90.6	6.3	6.3	6.3	9.4	6	5					818357	806469							
	5.2	0.4	178	23.8						23.8	8.4	8.4	33.5	33.5	90.6	90.6	6.3	6.3																	
IM2	Cloudy	Moderate	05:29	6.6						Surface	1.0	0.4	192	24.0	24.0	8.4	8.4	33.1	33.1	90.4	90.4	6.3	6.3	6.3					8.9	3	3	819169	806215		
											1.0	0.4	196	24.0	24.0	8.4	8.4	33.1	33.1	90.3	90.4	6.3	6.3												
					Middle	3.3	0.5	202	23.9	23.9	8.4	8.4	33.3	33.3	89.3	89.2	6.2	6.2	6.2	8.9	3	3	819169	806215											
						3.3	0.4	204	23.9	23.9	8.4	8.4	33.3	33.3	89.1	89.1	6.2	6.2																	
					Bottom	5.6	0.5	206	23.9	23.9	8.4	8.3	33.4	33.3	88.7	88.9	6.2	6.2	6.2	8.9	3	5			819169	806215									
						5.6	0.4	212	23.9	23.9	8.3	8.3	33.3	33.3	89.0	88.9	6.2	6.2																	
					IM7	Cloudy	Moderate	05:48	6.8	Surface	1.0	0.3	216	24.4	24.4	8.3	8.3	31.8	31.8	87.3	87.3	6.1					6.1	6.1	4.8	4	4			821357	806815
											1.0	0.4	216	24.4	24.4	8.3	8.3	31.8	31.8	87.2	87.1	6.1					6.1								
Middle	3.4	0.3	211	24.3						24.3	8.3	8.3	32.0	32.0	87.2	87.2	6.1	6.1	6.1	4.8	4	4					821357	806815							
	3.4	0.3	218	24.3						24.3	8.3	8.3	32.0	32.0	87.2	87.2	6.1	6.1																	
Bottom	5.8	0.3	191	24.3						24.3	8.3	8.3	32.0	32.0	87.1	87.1	6.1	6.1	6.1	4.8	4	5	821357	806815											
	5.8	0.3	194	24.3						24.3	8.3	8.3	32.0	32.0	87.1	87.1	6.1	6.1																	

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

Water Quality Monitoring

Water Quality Monitoring Results on 15 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA							
IM10	Fine	Moderate	04:27	8.4	Surface	1.0	0.5	115	24.5	24.5	8.1	8.1	31.5	31.5	90.9	90.9	6.3	6.3	2.4	2.4	2	2	822233	809827					
						1.0	0.4	109	24.5	8.1	8.1	31.5	31.5	90.9	90.9	6.3	6.3	2.4	2.4	3	3								
					Middle	4.2	0.4	125	24.3	24.3	8.1	8.1	31.6	31.6	90.5	90.5	6.3	6.3	2.6	2.6	2	2							
						4.2	0.4	128	24.3	24.3	8.1	8.1	31.6	31.6	90.5	90.5	6.3	6.3	2.6	2.6	2	2							
					Bottom	7.4	0.4	93	23.6	23.6	8.2	8.2	32.4	32.4	90.2	90.2	6.4	6.4	4.1	4.1	2	2							
						7.4	0.4	95	23.6	23.6	8.2	8.2	32.4	32.4	90.2	90.2	6.4	6.4	4.2	4.2	2	2							
IM11	Fine	Moderate	04:18	7.8	Surface	1.0	0.5	95	23.9	23.9	8.1	8.1	32.2	32.2	90.8	90.8	6.4	6.4	3.3	3.3	2	2	821495	810559					
						1.0	0.5	98	23.9	23.9	8.1	8.1	32.2	32.2	90.8	90.8	6.4	6.4	3.3	3.3	2	2							
					Middle	3.9	0.5	105	23.5	23.5	8.1	8.1	32.6	32.6	89.8	89.8	6.3	6.3	3.8	3.8	2	2							
						3.9	0.5	106	23.5	23.5	8.1	8.1	32.6	32.6	89.8	89.8	6.3	6.3	3.8	3.8	3	3							
					Bottom	6.8	0.6	104	23.4	23.4	8.2	8.2	32.7	32.7	89.8	89.9	6.3	6.3	8.4	8.4	4	4							
						6.8	0.6	106	23.4	23.4	8.2	8.2	32.7	32.7	89.9	89.9	6.3	6.3	8.4	8.4	3	3							
IM12	Fine	Moderate	04:12	7.3	Surface	1.0	0.5	99	23.8	23.8	8.1	8.1	32.4	32.4	90.6	90.6	6.4	6.4	3.7	3.7	4	4	821150	811519					
						1.0	0.6	98	23.8	23.8	8.1	8.1	32.4	32.4	90.6	90.6	6.4	6.4	3.8	3.8	3	3							
					Middle	3.7	0.6	93	23.5	23.5	8.1	8.1	32.6	32.6	90.3	90.3	6.4	6.4	3.8	3.8	3	3							
						3.7	0.6	91	23.5	23.5	8.1	8.1	32.6	32.6	90.3	90.3	6.4	6.4	3.8	3.8	3	3							
					Bottom	6.3	0.5	90	23.5	23.5	8.1	8.1	32.7	32.7	90.4	90.5	6.4	6.4	7.6	7.6	4	4							
						6.3	0.6	84	23.5	23.5	8.1	8.1	32.7	32.7	90.5	90.5	6.4	6.4	7.5	7.5	3	3							
SR1A	Fine	Calm	03:46	4.2	Surface	1.0	0.0	86	23.8	23.8	8.1	8.1	32.7	32.7	91.3	91.4	6.4	6.4	4.3	4.3	3	3	819981	812654					
						1.0	0.0	82	23.8	23.8	8.1	8.1	32.7	32.7	91.4	91.4	6.4	6.4	4.3	4.3	2	2							
					Middle	2.1	0.0	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3	3	
						2.1	-	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	
					Bottom	3.2	0.0	76	23.6	23.6	8.2	8.2	32.8	32.8	92.0	92.1	6.5	6.5	5.8	5.8	3	3							
						3.2	0.0	77	23.6	23.6	8.2	8.2	32.8	32.8	92.2	92.2	6.5	6.5	5.8	5.8	4	4							
SR2	Fine	Moderate	03:33	3.7	Surface	1.0	0.2	62	23.9	23.9	8.1	8.1	32.4	32.4	91.6	91.6	6.4	6.4	3.5	3.5	5	5	821459	814166					
						1.0	0.2	64	23.9	23.9	8.1	8.1	32.4	32.4	91.6	91.6	6.4	6.4	3.5	3.5	4	4							
					Middle	-	0.3	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	4	4
						-	0.3	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
					Bottom	2.7	0.3	78	23.8	23.8	8.1	8.1	32.5	32.5	92.0	92.0	6.5	6.5	3.6	3.6	4	4							
						2.7	0.3	84	23.8	23.8	8.1	8.1	32.5	32.5	92.0	92.0	6.5	6.5	3.6	3.6	3	3							
SR3	Cloudy	Moderate	05:56	8.8	Surface	1.0	0.6	153	24.4	24.4	8.3	8.3	31.7	31.7	86.5	86.5	6.0	6.0	8.7	8.7	5	5	822123	807562					
						1.0	0.6	159	24.3	24.3	8.3	8.3	31.7	31.7	86.4	86.4	6.0	6.0	9.1	9.1	4	4							
					Middle	4.4	0.6	174	24.2	24.2	8.3	8.3	32.1	32.1	86.0	86.0	6.0	6.0	14.3	14.3	3	3							
						4.4	0.7	180	24.2	24.2	8.3	8.3	32.1	32.1	85.9	86.0	6.0	6.0	15.4	15.4	4	4							
					Bottom	7.8	0.6	184	24.2	24.2	8.3	8.3	32.2	32.2	86.8	86.8	6.1	6.1	18.8	18.8	4	4							
						7.8	0.6	177	24.2	24.2	8.3	8.3	32.2	32.2	86.8	86.8	6.1	6.1	18.3	18.3	5	5							
SR4A	Cloudy	Moderate	04:38	9.2	Surface	1.0	0.0	62	24.3	24.3	8.3	8.3	33.3	33.3	89.7	89.8	6.2	6.2	7.9	7.9	12	12	817168	807803					
						1.0	0.0	64	24.3	24.3	8.3	8.3	33.3	33.3	89.8	89.8	6.2	6.2	7.8	7.8	11	11							
					Middle	4.6	0.0	53	24.3	24.3	8.2	8.2	33.3	33.3	89.6	89.6	6.2	6.2	9.3	9.3	12	12							
						4.6	0.0	47	24.3	24.3	8.2	8.2	33.3	33.3	89.6	89.6	6.2	6.2	9.4	9.4	11	11							
					Bottom	8.2	0.0	86	24.3	24.3	8.2	8.2	33.3	33.3	89.6	89.6	6.2	6.2	9.6	9.6	10	10							
						8.2	0.0	86	24.3	24.3	8.2	8.2	33.3	33.3	89.6	89.6	6.2	6.2	9.7	9.7	10	10							
SR8	Fine	Moderate	04:05	4.6	Surface	1.0	-	-	23.9	23.9	8.1	8.1	32.4	32.4	91.7	91.7	6.4	6.4	4.2	4.2	2	2	820369	811608					
						1.0	-	-	23.9	23.9	8.1	8.1	32.4	32.4	91.7	91.7	6.4	6.4	4.2	4.2	2	2							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	2	2
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
					Bottom	3.6	-	-	23.8	23.8	8.2	8.2	32.4	32.4	91.6	91.6	6.4	6.4	7.0	7.0	2	2							
						3.6	-	-	23.8	23.8	8.2	8.2	32.4	32.4	91.6	91.6	6.4	6.4	7.0	7.0	2	2							

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Water Quality Monitoring

Water Quality Monitoring Results on 15 November 22 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	16:35	8.1	Surface	1.0	0.0	54	23.9	23.9	8.4	8.4	33.2	33.2	91.6	91.5	6.4	6.4	6.9	6.5	6	6	815613	804263
						1.0	0.1	49	23.8		8.4		33.2		91.4		6.4		6.9					
					Middle	4.1	0.1	50	23.7	23.7	8.4	8.4	33.5	33.5	90.3	90.3	6.3	6.3	7.9	6.4	7			
						4.1	0.1	54	23.7		8.4		33.5		90.3		6.3		8.0					
					Bottom	7.1	0.0	21	23.8	23.8	8.3	8.3	33.4	33.4	91.3	91.4	6.4	6.4	4.8	6.4	5			
						7.1	0.0	27	23.8		8.3		33.4		91.4		6.4		4.7		5			
C2	Cloudy	Moderate	15:20	10.8	Surface	1.0	0.0	320	24.6	24.6	8.3	8.3	31.0	31.0	87.6	87.5	6.1	6.1	2.6	6.0	9	6	825677	806944
						1.0	0.0	321	24.6		8.3		31.0		87.4		6.1		2.7					
					Middle	5.4	0.0	335	24.2	24.2	8.3	8.3	32.1	32.1	84.1	84.1	5.9	6.0	9.3	6.3	5			
						5.4	0.1	335	24.2		8.3		32.1		84.1		5.9		9.0					
					Bottom	9.8	0.1	329	24.2	24.3	8.3	8.3	32.1	32.0	84.4	85.1	5.9	6.0	7.0	6.0	4			
						9.8	0.1	330	24.3		8.3		31.9		85.7		6.0		7.1		5			
C3	Sunny	Moderate	16:47	11.7	Surface	1.0	0.1	168	23.9	23.9	8.1	8.1	33.0	33.0	90.3	90.3	6.3	6.2	3.0	3.1	2	3	822087	817799
						1.0	0.0	169	23.9		8.1		33.0		90.3		6.3		3.1					
					Middle	5.9	0.0	167	23.7	23.7	8.1	8.1	33.2	33.2	87.6	87.6	6.1	6.1	3.2	6.1	2			
						5.9	0.0	170	23.7		8.1		33.2		87.6		6.1		3.2					
					Bottom	10.7	0.0	170	23.6	23.6	8.1	8.1	33.3	33.3	86.8	86.8	6.1	6.1	3.1	6.1	4			
						10.7	0.1	174	23.6		8.1		33.3		86.8		6.1		3.2		3			
IM1	Cloudy	Moderate	16:14	6.2	Surface	1.0	0.1	17	24.6	24.6	8.4	8.4	33.0	33.0	93.1	93.1	6.4	6.4	3.7	6.4	5	5	818368	806472
						1.0	0.1	23	24.5		8.4		33.0		93.0		6.4		3.8					
					Middle	3.1	0.1	28	24.1	24.1	8.4	8.4	33.2	33.2	92.0	92.0	6.4	6.4	4.9	6.4	5			
						3.1	0.1	23	24.1		8.4		33.2		92.0		6.4		5.0					
					Bottom	5.2	0.1	37	24.1	24.1	8.3	8.3	33.3	33.3	92.7	92.8	6.4	6.5	10.3	6.5	4			
						5.2	0.1	32	24.1		8.3		33.3		92.8		6.5		9.2		4			
IM2	Cloudy	Moderate	16:09	7.2	Surface	1.0	0.2	42	24.3	24.3	8.4	8.4	33.0	33.0	91.5	91.5	6.3	6.3	6.2	6.3	6	6	819164	806224
						1.0	0.1	34	24.3		8.4		33.0		91.4		6.3		6.2					
					Middle	3.6	0.1	49	24.0	24.0	8.4	8.4	33.2	33.2	90.1	90.1	6.3	6.3	9.5	6.3	4			
						3.6	0.1	46	24.0		8.4		33.2		90.1		6.3		9.7					
					Bottom	6.2	0.1	29	24.1	24.1	8.4	8.4	33.4	33.4	91.6	91.6	6.4	6.4	11.1	6.4	7			
						6.2	0.1	34	24.1		8.4		33.4		91.6		6.4		11.2		6			
IM7	Cloudy	Moderate	15:46	7.4	Surface	1.0	0.1	32	24.5	24.5	8.3	8.3	31.5	31.5	88.1	88.1	6.1	6.2	3.7	6.2	5	4	821343	806834
						1.0	0.2	27	24.5		8.3		31.5		88.0		6.1		3.8					
					Middle	3.7	0.1	15	24.4	24.4	8.3	8.3	31.8	31.8	88.2	88.2	6.2	6.2	5.9	6.2	4			
						3.7	0.2	15	24.4		8.3		31.8		88.2		6.2		6.1					
					Bottom	6.4	0.2	27	24.4	24.4	8.3	8.3	31.9	31.9	89.2	89.3	6.2	6.2	7.3	6.2	4			
						6.4	0.2	20	24.4		8.3		31.9		89.3		6.2		7.1		3			

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

Water Quality Monitoring

Water Quality Monitoring Results on 15 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			
IM10	Sunny	Rough	15:21	8.9	Surface	1.0	0.1	296	24.5	8.1	8.1	31.5	31.5	90.4	90.4	6.3	6.3	2.4	4	3	822216	809850			
						1.0	0.1	293	24.5	8.1	8.1	31.5	31.5	90.4	90.4	6.3	6.3	2.4	3						
					Middle	4.5	0.1	300	23.6	8.2	8.2	32.3	32.3	89.7	89.7	6.3	6.3	4.4	4						
						4.5	0.0	299	23.6	8.2	8.2	32.3	32.3	89.6	89.6	6.3	6.3	4.4	4						
					Bottom	7.9	0.1	284	23.6	8.2	8.2	32.6	32.5	89.3	89.4	6.3	6.3	6.1	2						
						7.9	0.1	282	23.6	8.2	8.2	32.5	32.5	89.4	89.4	6.3	6.3	6.1	3						
IM11	Sunny	Rough	15:32	8.4	Surface	1.0	0.1	289	24.0	8.2	8.2	32.2	32.2	90.7	90.7	6.4	6.4	3.3	4	3	821485	810548			
						1.0	0.2	292	24.0	8.2	8.2	32.2	32.2	90.7	90.7	6.4	6.4	3.3	3						
					Middle	4.2	0.1	290	23.5	8.2	8.2	32.6	32.6	89.5	89.5	6.3	6.3	6.5	2						
						4.2	0.1	287	23.5	8.2	8.2	32.6	32.6	89.5	89.5	6.3	6.3	6.5	2						
					Bottom	7.4	0.1	299	23.5	8.2	8.2	32.7	32.7	89.4	89.4	6.3	6.3	7.7	2						
						7.4	0.1	294	23.5	8.2	8.2	32.7	32.7	89.4	89.4	6.3	6.3	7.6	2						
IM12	Sunny	Rough	15:39	8.8	Surface	1.0	0.1	290	23.8	8.2	8.2	32.7	32.7	91.2	91.2	6.4	6.4	4.6	2	4	821140	811529			
						1.0	0.0	283	23.8	8.2	8.2	32.8	32.7	91.2	91.2	6.4	6.4	4.6	3						
					Middle	4.4	0.1	308	23.6	8.2	8.2	32.9	32.9	90.7	90.7	6.4	6.4	7.9	5						
						4.4	0.1	313	23.6	8.2	8.2	32.9	32.9	90.6	90.6	6.3	6.3	8.0	3						
					Bottom	7.8	0.1	315	23.6	8.2	8.2	32.9	32.9	89.6	89.6	6.3	6.3	11.7	5						
						7.8	0.1	319	23.6	8.2	8.2	32.9	32.9	89.6	89.6	6.3	6.3	11.7	4						
SR1A	Sunny	Calm	16:14	4.9	Surface	1.0	-	279	23.8	8.2	8.2	32.6	32.6	93.5	93.5	6.6	6.6	3.8	2	3	819976	812661			
						1.0	0.1	272	23.8	8.2	8.2	32.6	32.6	93.5	93.5	6.6	6.6	3.8	3						
					Middle	2.5	0.0	281	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						2.5	0.0	283	-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	3.9	0.0	313	23.6	8.2	8.2	33.0	33.0	91.0	91.0	6.4	6.4	5.1	3						
						3.9	0.0	320	23.6	8.2	8.2	33.0	33.0	91.0	91.0	6.4	6.4	5.0	5						
SR2	Sunny	Moderate	16:28	5.3	Surface	1.0	0.1	53	24.0	8.2	8.2	32.7	32.7	92.3	92.3	6.5	6.5	4.8	5	5	821481	814162			
						1.0	0.1	50	24.0	8.2	8.2	32.7	32.7	92.3	92.3	6.5	6.5	4.7	4						
					Middle	-	-	37	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						-	0.0	34	-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	4.3	0.0	59	23.8	8.2	8.2	32.8	32.8	91.6	91.6	6.4	6.4	6.2	7						
						4.3	0.0	57	23.8	8.2	8.2	32.8	32.8	91.6	91.6	6.4	6.4	6.2	5						
SR3	Cloudy	Moderate	15:40	9.1	Surface	1.0	0.1	4	24.5	8.3	8.3	31.4	31.4	87.6	87.6	6.1	6.1	2.5	4	3	822144	807567			
						1.0	0.1	357	24.5	8.3	8.3	31.4	31.4	87.6	87.6	6.1	6.1	2.6	5						
					Middle	4.6	0.1	1	24.3	8.3	8.3	31.9	31.9	86.6	86.7	6.1	6.1	4.2	3						
						4.6	0.1	353	24.3	8.3	8.3	31.9	31.9	86.7	86.7	6.1	6.1	4.2	3						
					Bottom	8.1	0.1	12	24.3	8.3	8.3	32.0	32.0	86.7	86.8	6.1	6.1	4.1	3						
						8.1	0.1	7	24.3	8.3	8.3	32.0	32.0	86.8	86.8	6.1	6.1	4.3	2						
SR4A	Cloudy	Moderate	16:48	9.0	Surface	1.0	0.0	166	24.5	8.3	8.3	33.3	33.3	91.4	91.5	6.3	6.3	4.9	4	6	817189	807802			
						1.0	0.0	163	24.5	8.3	8.3	33.3	33.3	91.5	91.5	6.3	6.3	4.8	6						
					Middle	4.5	0.0	152	24.1	8.4	8.4	33.4	33.5	90.9	90.9	6.3	6.3	7.0	4						
						4.5	0.0	158	24.1	8.4	8.4	33.5	33.5	90.9	90.9	6.3	6.3	7.3	6						
					Bottom	8.0	0.0	181	24.1	8.4	8.4	33.6	33.5	91.5	91.6	6.4	6.4	8.4	7						
						8.0	0.0	181	24.1	8.4	8.4	33.5	33.5	91.6	91.6	6.4	6.4	8.5	6						
SR8	Sunny	Moderate	15:46	5.2	Surface	1.0	-	-	23.7	8.2	8.2	32.6	32.6	91.8	91.8	6.5	6.5	5.3	4	4	820407	811603			
						1.0	-	-	23.7	8.2	8.2	32.6	32.6	91.8	91.8	6.5	6.5	5.2	4						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
					Bottom	4.2	-	-	23.6	8.2	8.2	32.7	32.7	91.1	91.1	6.4	6.4	9.8	3						
						4.2	-	-	23.6	8.2	8.2	32.7	32.7	91.1	91.1	6.4	6.4	9.9	4						

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Water Quality Monitoring

Water Quality Monitoring Results on 17 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	05:42	8.2	Surface	1.0	0.3	214	24.1	24.1	8.3	8.3	33.0	33.1	93.3	93.3	6.5	6.5	14.3	14.1	6	6	815611	804253
						1.0	0.3	220	24.1		8.3		33.1	93.2	6.5	14.6	7							
					Middle	4.1	0.3	199	23.9	23.9	8.3	8.3	33.6	33.6	92.3	92.3	6.4	6.4	12.8	6	7			
						4.1	0.2	199	23.9		8.3		33.6	92.3	6.4	12.8	6							
					Bottom	7.2	0.3	198	24.0	24.0	8.3	8.3	33.6	33.5	93.0	93.0	6.5	6.5	14.7	6	6			
						7.2	0.3	202	24.0		8.3		33.5	93.0	6.5	15.4	6							
C2	Cloudy	Moderate	06:54	11.6	Surface	1.0	0.4	178	24.8	24.8	8.2	8.2	28.6	28.6	95.3	95.1	6.7	6.2	2.2	6.0	3	3	825658	806932
						1.0	0.5	180	24.8		8.2		28.6	94.9	6.7	2.3	3							
					Middle	5.8	0.4	168	24.5	24.5	8.1	8.1	31.7	31.7	82.9	82.7	5.8	5.7	5.7	2	3			
						5.8	0.5	173	24.5		8.1		31.7	82.5	5.7	6.0	2							
					Bottom	10.6	0.5	176	24.5	24.5	8.1	8.1	31.7	31.7	66.3	70.2	4.6	4.9	9.8	3	3			
						10.6	0.4	179	24.5		8.1		31.7	74.0	5.1	9.8	3							
C3	Misty	Moderate	06:44	9.6	Surface	1.0	0.2	55	23.7	23.7	8.0	8.0	33.5	33.5	86.2	86.1	6.0	6.0	2.4	3.5	2	4	822109	817809
						1.0	0.2	48	23.7		8.0		33.5	86.0	6.0	2.5	3							
					Middle	4.8	0.3	73	23.6	23.6	8.0	8.0	33.7	33.7	85.0	85.1	5.9	5.9	3.8	4	3			
						4.8	0.2	67	23.6		8.0		33.8	85.1	5.9	3.8	4							
					Bottom	8.6	0.2	72	23.6	23.6	8.0	8.0	33.8	33.7	87.2	87.3	6.1	6.1	4.4	5	4			
						8.6	0.2	66	23.6		8.0		33.7	87.4	6.1	4.4	5							
IM1	Cloudy	Moderate	05:57	6.2	Surface	1.0	0.3	196	24.2	24.2	8.2	8.2	33.0	33.1	94.5	94.6	6.6	6.6	4.4	9.6	6	6	818350	806437
						1.0	0.3	198	24.2		8.3		33.1	94.6	6.6	4.7	7							
					Middle	3.1	0.2	174	24.1	24.1	8.3	8.3	33.3	33.3	94.4	94.4	6.6	6.6	8.4	5	6			
						3.1	0.2	167	24.0		8.3		33.3	94.3	6.6	8.3	5							
					Bottom	5.2	0.2	178	24.0	24.0	8.3	8.3	33.5	33.4	94.1	94.1	6.5	6.5	15.8	5	5			
						5.2	0.2	178	24.0		8.3		33.4	94.1	6.5	15.9	5							
IM2	Cloudy	Moderate	06:02	6.7	Surface	1.0	0.2	191	24.3	24.3	8.2	8.2	33.0	33.0	94.7	94.8	6.6	6.6	4.1	6.1	6	6	819206	806217
						1.0	0.2	195	24.3		8.2		33.0	94.9	6.6	3.9	7							
					Middle	3.4	0.2	199	24.1	24.1	8.2	8.2	33.5	33.5	94.9	94.8	6.6	6.6	5.2	6	6			
						3.4	0.2	195	24.1		8.2		33.5	94.7	6.6	5.7	6							
					Bottom	5.7	0.2	190	24.1	24.1	8.2	8.2	33.5	33.5	94.4	94.4	6.6	6.6	8.7	6	5			
						5.7	0.2	186	24.1		8.2		33.5	94.4	6.6	8.8	6							
IM7	Cloudy	Moderate	06:24	7.4	Surface	1.0	0.2	178	24.7	24.7	8.2	8.2	30.6	30.7	93.5	93.4	6.5	6.5	2.1	3.2	6	5	821348	806851
						1.0	0.2	172	24.7		8.2		30.7	93.2	6.5	2.1	6							
					Middle	3.7	0.2	197	24.5	24.5	8.2	8.2	31.9	31.9	92.3	92.4	6.4	6.4	3.5	5	5			
						3.7	0.2	201	24.5		8.2		31.9	92.5	6.4	3.6	5							
					Bottom	6.4	0.2	210	24.5	24.5	8.2	8.2	32.0	32.0	92.9	93.0	6.5	6.5	4.0	5	4			
						6.4	0.2	215	24.5		8.2		32.0	93.0	6.5	4.0	5							

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Water Quality Monitoring

Water Quality Monitoring Results on 17 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA		
IM10	Misty	Moderate	08:12	7.0	Surface	1.0	0.3	135	24.0	24.0	8.2	8.2	31.5	31.6	91.8	91.7	6.5	6.4	2.6	4.1	2	5	822259	809856				
						1.0	0.3	128	24.0		8.2		31.6		91.6		6.4		2.5		4							
					Middle	3.5	0.3	135	23.9	23.9	8.2	8.2	32.1	32.1	91.4	91.4	6.4	6.4	3.8	6.5	5				6.5	5		
						3.5	0.3	133	23.9		8.2		32.2		91.4		6.4		4.0		4							
					Bottom	6.0	0.4	125	24.3	24.3	8.2	8.2	32.3	32.3	92.5	92.7	6.4	6.5	5.9	6.5	7				6.5	7		
						6.0	0.4	125	24.3		8.2		32.2		92.8		6.5		6.0		7							
IM11	Misty	Moderate	08:02	8.2	Surface	1.0	0.3	96	24.1	24.1	8.1	8.1	32.2	32.2	92.9	93.0	6.5	6.5	5.7	7.0	5	6	821508	810565				
						1.0	0.3	88	24.0		8.1		32.3		93.0		6.5		5.6		6							
					Middle	4.1	0.3	105	23.9	23.9	8.1	8.1	32.5	32.5	93.2	93.2	6.5	6.5	7.5	6.6	7				6.6	7		
						4.1	0.3	109	23.9		8.1		32.5		93.2		6.5		7.4		6							
					Bottom	7.2	0.3	90	23.8	23.8	8.1	8.1	32.7	32.7	94.2	94.4	6.6	6.6	8.0	6.6	6				6.6	6		
						7.2	0.4	95	23.8		8.1		32.7		94.5		6.6		8.0		7							
IM12	Misty	Moderate	07:57	8.4	Surface	1.0	0.4	112	24.1	24.1	8.1	8.1	32.4	32.4	93.4	93.5	6.5	6.6	3.0	3.6	6	5	821156	811521				
						1.0	0.4	113	24.0		8.1		32.4		93.5		6.5		3.0		5							
					Middle	4.2	0.4	103	23.9	23.9	8.1	8.1	32.6	32.6	94.4	94.5	6.6	6.6	3.7	6.6	5				6.6	5		
						4.2	0.4	98	23.9		8.1		32.6		94.6		6.6		3.7		4							
					Bottom	7.4	0.4	116	23.8	23.8	8.1	8.1	32.7	32.7	96.9	97.2	6.8	6.8	4.2	6.8	5				6.8	5		
						7.4	0.4	122	23.8		8.1		32.7		97.4		6.8		4.2		4							
SR1A	Misty	Moderate	07:35	4.8	Surface	1.0	0.0	77	23.8	23.8	8.1	8.1	33.0	33.0	92.0	92.0	6.4	6.4	7.4	7.7	3	3	819978	812654				
						1.0	0.1	80	23.8		8.1		33.0		92.0		6.4		7.4		4							
					Middle	2.4	0.0	62	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						2.4	0.1	68	-		-		-		-		-		-		-					-		-
					Bottom	3.8	0.0	56	23.7	23.7	8.1	8.1	33.0	33.0	94.9	95.3	6.6	6.7	8.0	6.7	6.7				6.7	8.0	6.7	2
						3.8	0.0	57	23.7		8.1		33.0		95.6		6.7		8.0		3							
SR2	Misty	Moderate	07:11	5.6	Surface	1.0	0.4	37	23.9	23.9	8.1	8.1	33.0	33.0	91.5	91.6	6.4	6.4	2.9	3.4	6	5	821463	814156				
						1.0	0.4	32	23.9		8.1		33.0		91.6		6.4		3.0		6							
					Middle	-	0.4	21	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						-	0.4	16	-		-		-		-		-		-		-							
					Bottom	4.6	0.5	61	23.7	23.7	8.1	8.1	33.1	33.1	93.7	93.8	6.6	6.6	3.8	6.6	6.6				6.6	3.8	6.6	5
						4.6	0.4	66	23.7		8.1		33.1		93.9		6.6		3.8		4							
SR3	Cloudy	Moderate	06:36	8.4	Surface	1.0	0.3	171	24.6	24.6	8.2	8.2	30.4	30.5	91.5	91.4	6.4	6.4	2.2	3.7	3	4	822169	807555				
						1.0	0.3	171	24.6		8.2		30.6		91.2		6.4		2.2		3							
					Middle	4.2	0.3	163	24.4	24.4	8.2	8.2	31.6	31.6	89.8	89.9	6.3	6.3	2.4	6.3	4				6.3	4		
						4.2	0.3	167	24.4		8.2		31.6		89.9		6.3		2.5		4							
					Bottom	7.4	0.3	148	24.4	24.4	8.2	8.2	32.2	32.2	90.8	90.9	6.3	6.3	6.7	6.3	6.3				6.3	6.7	6.3	4
						7.4	0.4	149	24.4		8.2		32.2		90.9		6.3		6.4		5							
SR4A	Cloudy	Moderate	05:25	9.2	Surface	1.0	0.0	32	24.3	24.3	8.2	8.2	33.3	33.3	92.9	92.9	6.4	6.4	7.1	7.8	6	6	817181	807827				
						1.0	0.1	30	24.3		8.2		33.3		92.8		6.4		7.3		6							
					Middle	4.6	0.0	35	24.2	24.2	8.2	8.2	33.4	33.4	92.5	92.6	6.4	6.4	8.0	6.4	6				6.4	6		
						4.6	0.1	33	24.2		8.2		33.4		92.6		6.4		8.2		6							
					Bottom	8.2	0.0	20	24.2	24.2	8.2	8.2	33.4	33.4	93.1	93.1	6.5	6.5	8.1	6.5	6.5				6.5	8.1	6.5	5
						8.2	0.0	13	24.2		8.2		33.4		93.1		6.5		8.1		5							
SR8	Misty	Moderate	07:49	5.2	Surface	1.0	-	-	23.9	23.9	8.1	8.1	32.9	32.9	90.7	90.8	6.3	6.3	4.4	4.8	<2	<2	820396	811631				
						1.0	-	-	23.9		8.1		32.9		90.8		6.3		4.4		<2							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						-	-	-	-		-		-		-		-		-		-							
					Bottom	4.2	-	-	23.9	23.9	8.2	8.2	32.9	32.9	91.1	91.3	6.4	6.4	5.1	6.4	6.4				6.4	5.1	6.4	<2
						4.2	-	-	23.9		8.2		32.9		91.5		6.4		5.1		<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 17 November 22 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	18:49	8.4	Surface	1.0	0.1	30	24.1	24.1	8.2	8.2	33.1	33.1	92.6	92.6	6.4	6.4	6.5	10.4	5	6	815618	804239
						1.0	0.1	23	24.1		8.2		33.2	33.1	92.6	92.6	6.4		6.8					
					Middle	4.2	0.1	61	23.9	23.9	8.2	8.2	33.6	33.6	92.7	92.7	6.4	6.4	10.5	6.4	6			
						4.2	0.1	60	23.9		8.2		33.6	33.6	92.7	92.7	6.4		11.2					
					Bottom	7.4	0.1	46	24.0	24.1	8.2	8.2	33.6	33.5	92.3	92.3	6.4	6.4	13.5	6.4	8			
						7.4	0.1	51	24.2		8.2		33.4	33.5	92.3	92.3	6.4		13.8					
C2	Cloudy	Moderate	17:52	11.4	Surface	1.0	0.1	331	25.0	25.0	8.2	8.2	28.1	28.1	98.6	98.5	6.9	6.5	1.6	9.6	8	5	825695	806949
						1.0	0.1	323	25.0		8.2		28.2	28.1	98.3	98.5	6.9		1.7					
					Middle	5.7	0.0	319	24.5	24.5	8.1	8.1	31.7	31.7	86.1	86.2	6.0	6.1	12.5	6.1	5			
						5.7	0.0	325	24.5		8.1		31.8	31.8	86.2	86.2	6.0		13.1					
					Bottom	10.4	0.0	335	24.5	24.5	8.1	8.1	31.8	31.8	87.0	87.1	6.1	6.1	14.0	6.1	3			
						10.4	0.0	333	24.5		8.2		31.8	31.8	87.2	87.1	6.1		14.5					
C3	Misty	Moderate	18:51	10.0	Surface	1.0	0.1	121	23.9	23.9	8.1	8.1	33.1	33.1	91.6	91.7	6.4	6.5	1.6	2.4	2	4	822085	817807
						1.0	0.0	120	23.8		8.1		33.1	33.1	91.7	91.7	6.4		1.5					
					Middle	5.0	0.1	113	23.8	23.8	8.2	8.2	33.2	33.2	92.4	92.5	6.5	6.5	2.6	6.5	5			
						5.0	0.0	114	23.8		8.2		33.2	33.2	92.5	92.5	6.5		2.5					
					Bottom	9.0	0.0	109	23.8	23.8	8.2	8.2	33.2	33.2	93.8	94.0	6.6	6.6	3.2	6.6	6			
						9.0	0.1	113	23.8		8.2		33.2	33.2	94.1	94.0	6.6		3.1					
IM1	Cloudy	Moderate	18:36	6.6	Surface	1.0	0.0	39	24.4	24.4	8.2	8.2	33.3	33.3	92.1	92.0	6.4	6.4	13.4	12.0	8	7	818364	806472
						1.0	0.0	31	24.4		8.2		33.3	33.3	91.9	92.0	6.4		13.2					
					Middle	3.3	0.0	34	24.3	24.3	8.2	8.2	33.4	33.4	91.3	91.3	6.3	6.3	10.6	6.3	7			
						3.3	-	32	24.3		8.2		33.4	33.4	91.2	91.3	6.3		10.5					
					Bottom	5.6	0.1	41	24.3	24.3	8.2	8.2	33.3	33.3	90.8	90.8	6.3	6.3	12.3	6.3	6			
						5.6	0.1	41	24.3		8.2		33.3	33.3	90.7	90.8	6.3		12.2					
IM2	Cloudy	Moderate	18:31	7.1	Surface	1.0	0.1	26	24.4	24.4	8.2	8.2	33.0	33.0	93.0	93.0	6.5	6.4	6.6	10.3	7	6	819200	806250
						1.0	0.0	33	24.3		8.2		33.0	33.0	92.9	92.8	6.4		6.6					
					Middle	3.6	0.0	36	24.2	24.2	8.2	8.2	33.0	33.0	92.7	92.8	6.4	6.4	8.6	6.4	6			
						3.6	0.0	32	24.2		8.2		33.1	33.0	92.9	92.8	6.4		8.9					
					Bottom	6.1	0.1	42	24.1	24.1	8.2	8.2	33.4	33.4	93.5	93.5	6.5	6.5	15.8	6.5	6			
						6.1	0.1	48	24.1		8.2		33.4	33.4	93.4	93.5	6.5		15.1					
IM7	Cloudy	Moderate	18:13	7.7	Surface	1.0	0.2	44	24.6	24.6	8.2	8.2	31.2	31.2	92.7	92.8	6.5	6.5	2.4	2.6	6	5	821348	806841
						1.0	0.2	40	24.6		8.2		31.2	31.2	92.8	92.8	6.5		2.5					
					Middle	3.9	0.1	47	24.6	24.6	8.2	8.2	31.4	31.4	92.9	93.0	6.5	6.5	2.7	6.5	6			
						3.9	0.1	53	24.6		8.2		31.4	31.4	93.0	93.0	6.5		2.7					
					Bottom	6.7	0.1	10	24.6	24.7	8.2	8.2	31.4	31.4	93.2	93.3	6.5	6.5	2.8	6.5	5			
						6.7	0.1	12	24.7		8.2		31.4	31.4	93.3	93.3	6.5		2.8					

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 17 November 22 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		
IM10	Misty	Moderate	17:47	8.8	Surface	1.0	0.1	327	24.1	8.2	8.2	31.3	31.3	93.2	93.2	6.6	6.6	3.1	2.2	3	822225	809844		
						1.0	0.1	334	24.0	8.2	8.2	31.3	31.3	93.2	93.2	6.6			2.3	4				
					Middle	4.4	0.1	317	24.0	8.3	8.3	31.9	31.9	93.9	94.1	6.6			3.2	3				
						4.4	0.1	311	24.0	8.3	8.3	31.9	31.9	94.3	94.1	6.6			3.1	2				
					Bottom	7.8	0.1	332	23.8	8.3	8.3	32.2	32.2	95.9	96.1	6.7			4.0	2				
						7.8	0.1	327	23.8	8.3	8.3	32.2	32.2	96.3	96.1	6.8			3.8	3				
IM11	Misty	Moderate	17:54	7.2	Surface	1.0	0.1	281	24.0	8.2	8.2	32.1	32.1	93.0	93.1	6.5	6.6	4.4	2.9	3	821517	810559		
						1.0	0.1	285	24.0	8.2	8.2	32.2	32.1	93.1	93.1	6.5			2.9	3				
					Middle	3.6	0.1	289	23.9	8.2	8.2	32.4	32.4	93.9	94.0	6.6			4.7	3				
						3.6	0.1	287	23.9	8.2	8.2	32.4	32.4	94.0	94.0	6.6			4.7	2				
					Bottom	6.2	0.1	264	23.8	8.2	8.2	32.6	32.6	95.9	96.1	6.7			5.4	2				
						6.2	0.1	263	23.8	8.2	8.2	32.5	32.6	96.3	96.1	6.8			5.5	2				
IM12	Misty	Moderate	17:59	7.8	Surface	1.0	0.1	283	24.0	8.1	8.1	32.3	32.4	92.0	92.0	6.4	6.5	4.5	3.1	3	821163	811507		
						1.0	0.0	275	24.0	8.1	8.1	32.4	32.4	91.9	91.9	6.4			3.2	2				
					Middle	3.9	0.1	303	23.8	8.1	8.1	32.7	32.7	92.6	92.7	6.5			4.2	2				
						3.9	0.0	297	23.8	8.1	8.1	32.7	32.7	92.8	92.8	6.5			4.2	2				
					Bottom	6.8	0.0	273	23.8	8.2	8.2	32.8	32.8	94.3	94.6	6.6			6.2	<2				
						6.8	0.1	274	23.8	8.2	8.2	32.8	32.8	94.8	94.6	6.6			6.2	<2				
SR1A	Misty	Moderate	18:21	5.0	Surface	1.0	0.0	239	24.0	8.2	8.2	32.8	32.8	95.5	95.6	6.7	6.7	6.6	6.2	4	819976	812658		
						1.0	0.0	233	23.9	8.2	8.2	32.8	32.8	95.7	95.7	6.7			6.1	3				
					Middle	2.5	0.0	238	-	-	-	-	-	-	-	-			-	-			-	
						2.5	0.0	233	-	-	-	-	-	-	-	-			-	-			-	
					Bottom	4.0	0.0	239	23.9	8.2	8.2	32.9	32.9	97.0	97.3	6.8			7.0	3				
						4.0	0.0	240	23.9	8.2	8.2	32.9	32.9	97.5	97.3	6.8			7.0	2				
SR2	Misty	Moderate	18:25	5.2	Surface	1.0	0.0	65	24.3	8.1	8.1	32.6	32.6	97.5	97.6	6.8	6.8	3.9	3.2	3	821476	814173		
						1.0	0.0	59	24.3	8.1	8.1	32.6	32.6	97.6	97.6	6.8			3.1	3				
					Middle	-	0.0	64	-	-	-	-	-	-	-	-			-	-				
						-	-	68	-	-	-	-	-	-	-	-			-	-				
					Bottom	4.2	0.0	72	24.2	8.1	8.1	32.6	32.6	98.5	98.7	6.9			4.6	4				
						4.2	0.0	71	24.2	8.2	8.1	32.6	32.6	98.9	98.7	6.9			4.5	5				
SR3	Cloudy	Moderate	18:06	8.4	Surface	1.0	0.1	349	24.8	8.2	8.2	30.1	30.1	93.6	93.7	6.5	6.5	4.0	2.3	7	822169	807565		
						1.0	0.1	351	24.8	8.2	8.2	30.2	30.1	93.8	93.7	6.6			2.4	6				
					Middle	4.2	0.1	13	24.5	8.2	8.2	31.4	31.4	91.1	91.2	6.4			4.0	5				
						4.2	0.1	10	24.5	8.2	8.2	31.4	31.4	91.2	91.2	6.4			4.2	5				
					Bottom	7.4	0.1	21	24.5	8.2	8.2	31.4	31.4	91.8	91.9	6.4			5.8	4				
						7.4	0.0	21	24.6	8.2	8.2	31.4	31.4	92.0	91.9	6.4			5.6	4				
SR4A	Cloudy	Moderate	19:04	9.1	Surface	1.0	0.0	341	24.6	8.2	8.2	33.3	33.3	93.3	93.3	6.4	6.4	7.8	5.9	8	817197	807819		
						1.0	0.0	337	24.6	8.2	8.2	33.3	33.3	93.3	93.3	6.4			6.0	7				
					Middle	4.6	0.0	311	24.5	8.2	8.2	33.3	33.3	93.2	93.3	6.4			7.3	9				
						4.6	-	311	24.5	8.2	8.2	33.3	33.3	93.3	93.3	6.4			7.6	8				
					Bottom	8.1	0.0	342	24.7	8.2	8.2	33.1	33.1	93.6	93.7	6.4			9.7	11				
						8.1	0.1	340	24.8	8.3	8.2	33.1	33.1	93.8	93.7	6.4			10.1	10				
SR8	Misty	Moderate	18:05	4.6	Surface	1.0	-	-	24.2	8.2	8.2	32.2	32.3	99.3	99.4	6.9	7.0	7.8	7.4	3	820385	811640		
						1.0	-	-	24.1	8.2	8.2	32.3	32.3	99.5	99.4	7.0			7.5	2				
					Middle	-	-	-	-	-	-	-	-	-	-	-			-	-				
						-	-	-	-	-	-	-	-	-	-	-			-	-				
					Bottom	3.6	-	-	23.9	8.2	8.2	32.6	32.5	100.5	100.6	7.0			8.1	3				
						3.6	-	-	23.9	8.2	8.2	32.5	32.5	100.7	100.7	7.1			8.2	3				

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
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Expansion of Hong Kong International Airport into a Three-Runway System

Water Quality Monitoring

Water Quality Monitoring Results on 19 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Sunny	Moderate	08:21	7.4	Surface	1.0	0.3	199	24.3	8.2	8.2	33.1	33.1	106.7	106.7	7.4	7.4	1.3	4.5	3	4	815616	804250	
						1.0	0.3	195	24.3	8.2	8.2	33.1	33.1	106.7	106.7	7.4	7.4	1.2	4					
					Middle	3.7	0.3	194	24.1	8.2	8.2	33.7	33.7	104.8	104.8	7.3	7.3	3.0	4					
						3.7	0.2	187	24.1	8.2	8.2	33.7	33.7	104.8	104.8	7.3	7.3	3.0	3					
					Bottom	6.4	0.2	225	24.1	8.2	8.2	33.9	33.9	104.2	104.2	7.2	7.2	9.2	6					
						6.4	0.2	229	24.1	8.2	8.2	33.9	33.9	104.2	104.2	7.2	7.2	9.2	6					
C2	Sunny	Moderate	09:33	8.5	Surface	1.0	0.4	165	24.9	8.1	8.1	30.2	30.2	99.6	99.6	6.9	6.9	1.1	6.0	4	4	825661	806949	
						1.0	0.4	162	24.9	8.1	8.1	30.2	30.2	99.6	99.6	6.9	6.9	1.1	3					
					Middle	4.3	0.4	181	24.8	8.1	8.1	31.0	31.0	94.2	94.2	6.6	6.6	2.2	3					
						4.3	0.4	175	24.8	8.1	8.1	31.0	31.0	94.2	94.2	6.6	6.6	2.2	4					
					Bottom	7.5	0.5	146	24.6	8.1	8.1	32.5	32.5	87.1	87.1	6.0	6.0	6.6	5					
						7.5	0.4	148	24.6	8.1	8.1	32.5	32.5	87.1	87.1	6.0	6.0	6.6	5					
C3	Fine	Moderate	09:14	11.5	Surface	1.0	0.3	61	24.0	8.1	8.1	32.8	32.9	91.5	91.5	6.4	6.4	2.2	6.0	3	4	822127	817780	
						1.0	0.3	58	24.0	8.1	8.1	32.9	32.9	91.5	91.5	6.4	6.4	2.2	4					
					Middle	5.8	0.2	73	23.9	8.1	8.1	33.5	33.5	86.4	86.4	6.0	6.0	2.8	3					
						5.8	0.3	74	23.9	8.1	8.1	33.5	33.5	86.4	86.4	6.0	6.0	2.8	4					
					Bottom	10.5	0.3	53	23.9	8.0	8.0	33.6	33.6	85.9	85.9	6.0	6.0	4.5	5					
						10.5	0.3	47	23.9	8.0	8.0	33.6	33.6	85.7	85.7	6.0	6.0	4.7	4					
IM1	Sunny	Calm	08:36	6.9	Surface	1.0	0.2	194	24.6	8.2	8.2	33.2	33.2	101.6	101.6	7.0	7.0	1.5	7.0	5	5	818337	806436	
						1.0	0.1	199	24.6	8.2	8.2	33.2	33.2	101.6	101.6	7.0	7.0	1.5	6					
					Middle	3.5	0.2	179	24.4	8.2	8.2	32.4	32.4	99.8	99.8	6.9	6.9	1.9	5					
						3.5	0.1	176	24.4	8.2	8.2	32.4	32.4	99.8	99.8	6.9	6.9	2.0	4					
					Bottom	5.9	0.2	204	24.1	8.3	8.3	33.6	33.6	97.8	97.8	6.8	6.8	9.3	4					
						5.9	0.2	208	24.1	8.3	8.3	33.6	33.6	97.8	97.8	6.8	6.8	9.3	4					
IM2	Sunny	Calm	08:42	7.1	Surface	1.0	0.2	205	24.7	8.2	8.2	33.1	33.1	101.1	101.1	7.0	7.0	1.5	7.0	7	6	819193	806226	
						1.0	0.2	204	24.7	8.2	8.2	33.1	33.1	101.1	101.1	7.0	7.0	1.6	6					
					Middle	3.6	0.3	177	24.5	8.2	8.2	33.1	33.1	98.3	98.3	6.8	6.8	1.8	6					
						3.6	0.2	171	24.5	8.2	8.2	33.1	33.1	98.3	98.3	6.8	6.8	1.9	5					
					Bottom	6.1	0.2	177	24.3	8.2	8.2	33.1	33.1	96.2	96.2	6.7	6.7	3.4	5					
						6.1	0.2	171	24.3	8.2	8.2	33.1	33.1	96.2	96.2	6.7	6.7	3.4	5					
IM7	Sunny	Moderate	09:07	8.2	Surface	1.0	0.2	197	25.0	8.2	8.2	31.5	31.5	102.3	102.3	7.1	7.1	1.8	7.0	5	5	821325	806833	
						1.0	0.1	192	25.0	8.2	8.2	31.5	31.5	102.2	102.2	7.1	7.1	1.8	5					
					Middle	4.1	0.2	199	24.7	8.2	8.2	31.7	31.7	100.1	100.1	6.9	6.9	1.3	4					
						4.1	0.2	201	24.7	8.2	8.2	31.7	31.7	100.1	100.1	6.9	6.9	1.2	5					
					Bottom	7.2	0.1	189	24.5	8.2	8.2	32.3	32.3	96.0	96.0	6.7	6.7	2.8	4					
						7.2	0.1	182	24.5	8.2	8.2	32.4	32.3	95.9	96.0	6.7	6.7	2.8	4					

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

Water Quality Monitoring

Water Quality Monitoring Results on 19 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Fine	Moderate	10:34	7.2	Surface	1.0	0.2	127	24.3	8.2	8.2	31.8	31.8	96.4	96.4	6.7	6.7	3.0	3.0	4	4	822234	809827			
						1.0	0.2	122	24.3	8.2	8.2	31.8	31.8	96.3	96.4	6.7	6.7	3.0	3.0	4	4					
					Middle	3.6	0.2	112	24.1	8.2	8.2	32.0	32.0	95.3	95.3	6.7	6.7	3.3	3.3	3	3					
						3.6	0.2	105	24.1	8.2	8.2	32.0	32.0	95.3	95.3	6.7	6.7	3.3	3.3	3	3					
					Bottom	6.2	0.3	146	24.1	8.2	8.2	32.0	32.0	96.2	96.4	6.7	6.8	3.4	3.4	2	2					
						6.2	0.2	142	24.1	8.2	8.2	32.0	32.0	96.5	96.4	6.8	6.8	3.4	3.4	2	2					
IM11	Fine	Moderate	10:27	6.7	Surface	1.0	0.3	104	24.5	8.2	8.2	31.5	31.5	97.6	97.5	6.8	6.8	2.2	2.2	4	3	821481	810561			
						1.0	0.3	106	24.5	8.2	8.2	31.5	31.5	97.3	97.5	6.8	6.8	2.2	2.2	3	3					
					Middle	3.4	0.3	104	24.2	8.2	8.2	31.9	31.9	95.5	95.5	6.7	6.7	4.4	4.4	4	3					
						3.4	0.3	108	24.2	8.2	8.2	31.9	31.9	95.5	95.5	6.7	6.7	4.6	4.6	3	3					
					Bottom	5.7	0.3	118	24.2	8.2	8.2	32.0	32.0	95.8	95.9	6.7	6.7	7.1	7.1	3	3					
						5.7	0.3	112	24.2	8.2	8.2	32.0	32.0	96.0	95.9	6.7	6.7	8.1	8.1	2	2					
IM12	Fine	Moderate	10:15	8.2	Surface	1.0	0.4	91	24.7	8.2	8.2	31.4	31.4	98.6	98.6	6.9	6.9	4.3	4.3	4	4	821170	811510			
						1.0	0.4	93	24.7	8.2	8.2	31.4	31.4	98.6	98.6	6.9	6.9	4.3	4.3	4	4					
					Middle	4.1	0.4	120	24.2	8.2	8.2	31.9	31.9	95.7	95.8	6.7	6.7	9.0	9.0	2	3					
						4.1	0.4	127	24.2	8.2	8.2	31.9	31.9	95.8	96.2	6.7	6.7	9.0	9.0	4	2					
					Bottom	7.2	0.4	82	24.1	8.2	8.2	31.9	31.9	96.2	96.3	6.7	6.7	5.2	5.2	2	2					
						7.2	0.4	76	24.1	8.2	8.2	31.9	31.9	96.4	96.3	6.7	6.7	5.6	5.6	3	3					
SR1A	Fine	Moderate	09:50	4.7	Surface	1.0	0.1	85	24.2	8.1	8.1	32.2	32.2	93.2	93.2	6.5	6.5	3.2	3.2	2	2	819978	812657			
						1.0	0.1	81	24.2	8.1	8.1	32.2	32.2	93.2	93.2	6.5	6.5	3.3	3.3	2	2					
					Middle	2.4	0.1	102	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3
						2.4	0.1	95	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3
					Bottom	3.7	0.0	102	24.1	8.2	8.2	32.2	32.2	94.3	94.4	6.6	6.6	5.0	5.0	5	5					
						3.7	0.0	96	24.1	8.2	8.2	32.2	32.2	94.4	94.4	6.6	6.6	5.0	5.0	4	4					
SR2	Fine	Moderate	09:36	4.5	Surface	1.0	0.4	33	24.1	8.2	8.2	32.2	32.2	92.8	92.6	6.5	6.5	2.1	2.1	4	5	821446	814169			
						1.0	0.4	33	24.1	8.2	8.2	32.2	32.2	92.4	92.4	6.5	6.5	2.1	2.1	5	5					
					Middle	-	0.4	29	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4
						-	0.4	34	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4
					Bottom	3.5	0.4	61	24.0	8.2	8.2	32.6	32.6	92.0	92.1	6.4	6.4	2.7	2.7	3	3					
						3.5	0.4	61	24.0	8.2	8.2	32.6	32.6	92.1	92.1	6.4	6.4	2.6	2.6	2	2					
SR3	Sunny	Moderate	09:15	7.9	Surface	1.0	0.3	176	25.0	8.1	8.1	31.5	31.5	102.4	102.4	7.1	7.1	1.9	1.9	2	2	822152	807572			
						1.0	0.3	168	25.0	8.1	8.1	31.5	31.5	102.4	102.4	7.1	7.1	1.9	1.9	2	2					
					Middle	4.0	0.4	172	24.5	8.1	8.1	32.1	32.1	96.6	96.6	6.7	6.7	2.2	2.2	3	3					
						4.0	0.3	169	24.5	8.1	8.1	32.1	32.1	96.6	96.6	6.7	6.7	2.3	2.3	2	2					
					Bottom	6.9	0.4	170	24.5	8.1	8.1	32.1	32.1	96.3	96.3	6.7	6.7	4.2	4.2	3	3					
						6.9	0.4	170	24.5	8.1	8.1	32.1	32.1	96.3	96.3	6.7	6.7	4.2	4.2	2	2					
SR4A	Sunny	Moderate	08:00	8.6	Surface	1.0	0.1	111	24.4	7.9	7.9	33.1	33.1	99.6	99.6	6.9	6.9	2.8	2.8	5	6	817176	807831			
						1.0	0.0	113	24.4	7.9	7.9	33.1	33.1	99.5	99.5	6.9	6.9	2.9	2.9	6	6					
					Middle	4.3	0.0	105	24.3	8.0	8.0	33.3	33.3	98.4	98.4	6.8	6.8	3.2	3.2	5	6					
						4.3	0.0	106	24.3	8.0	8.0	33.3	33.3	98.4	98.4	6.8	6.8	3.2	3.2	6	6					
					Bottom	7.6	0.1	89	24.2	8.1	8.1	33.6	33.6	97.4	97.4	6.7	6.7	4.6	4.6	7	7					
						7.6	0.1	82	24.2	8.1	8.1	33.6	33.6	97.4	97.4	6.7	6.7	4.7	4.7	6	6					
SR8	Fine	Moderate	10:10	4.0	Surface	1.0	-	-	24.5	8.2	8.2	32.2	32.2	93.0	93.0	6.5	6.5	4.7	4.7	3	3	820408	811615			
						1.0	-	-	24.4	8.2	8.2	32.2	32.2	92.9	92.9	6.5	6.5	4.8	4.8	4	4					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3
					Bottom	3.0	-	-	24.4	8.2	8.2	32.3	32.3	93.2	93.3	6.5	6.5	3.0	3.0	3	3					
						3.0	-	-	24.4	8.2	8.2	32.3	32.3	93.3	93.3	6.5	6.5	3.0	3.0	2	2					

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

Water Quality Monitoring

Water Quality Monitoring Results on 19 November 22 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	16:25	8.4	Surface	1.0	0.3	18	24.7	24.7	8.2	8.2	32.4	32.4	105.3	105.3	7.3	7.4	4.8	6.2	3	4	815600	804264			
						1.0	0.3	23	24.7	8.2	8.2	32.4	32.4	105.3	105.3	7.3	7.4	4.8	6.2	3							
					Middle	4.2	0.3	15	24.2	24.2	8.2	8.2	33.3	33.3	106.0	106.1	7.4	7.4	6.4	6.2	4				4		
						4.2	0.3	8	24.2	24.2	8.2	8.2	33.3	33.3	106.1	106.1	7.4	7.4	6.4	6.2	5						
					Bottom	7.4	0.3	48	24.2	24.2	8.2	8.2	33.6	33.6	110.7	110.8	7.7	7.7	7.3	7.7	7.3				6.2	5	
						7.4	0.3	52	24.2	24.2	8.2	8.2	33.6	33.6	110.8	110.8	7.7	7.7	7.3	7.7	7.3				6.2	4	
C2	Sunny	Moderate	14:38	9.2	Surface	1.0	0.1	344	25.1	25.1	8.2	8.2	30.1	30.1	104.1	104.2	7.2	7.3	1.3	2.0	3	3	825691	806946			
						1.0	0.1	343	25.1	25.1	8.2	8.2	30.1	30.1	104.2	104.2	7.3	7.3	1.3	2.0	3						
					Middle	4.6	0.1	328	24.7	24.7	8.1	8.1	31.9	31.9	91.4	91.4	6.3	6.3	2.1	6.8	2.1				2.0	3	
						4.6	0.1	328	24.7	24.7	8.1	8.1	31.9	31.9	91.4	91.4	6.3	6.3	2.1	6.8	2.1						
					Bottom	8.2	0.1	350	24.6	24.6	8.1	8.1	32.3	32.3	89.8	89.8	6.2	6.2	2.5	6.2	2.5				6.2	2.5	3
						8.2	0.1	356	24.6	24.6	8.1	8.1	32.3	32.3	89.8	89.8	6.2	6.2	2.5	6.2	2.5						
C3	Fine	Moderate	15:53	10.6	Surface	1.0	0.4	252	24.3	24.3	8.2	8.2	32.5	32.5	95.1	95.1	6.6	6.6	2.4	4.6	3	3	822119	817788			
						1.0	0.4	250	24.3	24.3	8.2	8.2	32.5	32.5	95.1	95.1	6.6	6.6	2.4	4.6	4						
					Middle	5.3	0.4	278	24.1	24.1	8.2	8.2	32.7	32.7	92.9	92.8	6.5	6.5	2.9	6.6	3.0				6.6	4.6	2
						5.3	0.4	275	24.1	24.1	8.2	8.2	32.7	32.7	92.6	92.6	6.5	6.5	3.0	6.6	2						
					Bottom	9.6	0.4	283	24.1	24.1	8.2	8.2	32.8	32.8	91.6	91.6	6.4	6.4	8.2	6.4	9.0				6.4	9.0	2
						9.6	0.4	283	24.1	24.1	8.2	8.2	32.8	32.8	91.6	91.6	6.4	6.4	9.0	6.4	9.0						
IM1	Sunny	Moderate	15:53	7.3	Surface	1.0	0.2	19	24.8	24.8	8.1	8.1	32.9	32.9	102.7	102.7	7.1	7.1	1.9	2.5	4	4	818335	806450			
						1.0	0.2	15	24.8	24.8	8.1	8.1	32.9	32.9	102.7	102.7	7.1	7.1	2.0	2.5	4						
					Middle	3.7	0.1	5	24.9	24.9	8.2	8.2	33.1	33.1	106.1	106.1	7.3	7.3	1.8	7.2	1.8				7.2	4	
						3.7	0.1	9	24.9	24.9	8.2	8.2	33.1	33.1	106.1	106.1	7.3	7.3	1.8	7.2	1.8						
					Bottom	6.3	0.2	354	24.4	24.4	8.2	8.2	33.4	33.4	105.8	105.8	7.3	7.3	3.9	7.3	3.9				7.3	3.9	4
						6.3	0.2	356	24.4	24.4	8.2	8.2	33.4	33.4	105.8	105.8	7.3	7.3	3.9	7.3	3.9						
IM2	Sunny	Moderate	15:47	7.5	Surface	1.0	0.1	332	24.9	24.9	8.2	8.2	32.8	32.8	100.2	100.2	6.9	7.0	4.9	6.3	6	5	819178	806242			
						1.0	0.1	337	24.9	24.9	8.2	8.2	32.8	32.8	100.2	100.2	6.9	7.0	4.9	6.3	5						
					Middle	3.8	0.2	351	24.5	24.5	8.2	8.2	33.1	33.1	102.5	102.5	7.1	7.1	5.9	7.0	5.9				7.0	6.3	5
						3.8	0.2	357	24.5	24.5	8.2	8.2	33.1	33.1	102.5	102.5	7.1	7.1	5.9	7.0	5.9						
					Bottom	6.5	0.1	4	24.1	24.1	8.2	8.2	33.7	33.7	100.6	100.6	7.0	7.0	8.3	7.0	8.3				7.0	8.3	4
						6.5	0.1	5	24.1	24.1	8.2	8.2	33.7	33.7	100.6	100.6	7.0	7.0	8.3	7.0	8.3						
IM7	Sunny	Moderate	15:25	8.2	Surface	1.0	0.2	310	25.1	25.1	8.1	8.1	31.3	31.3	100.7	100.7	7.0	7.0	3.9	5.3	3	4	821372	806836			
						1.0	0.2	313	25.1	25.1	8.1	8.1	31.3	31.3	100.7	100.7	7.0	7.0	3.9	5.3	4						
					Middle	4.1	0.1	291	24.9	24.9	8.1	8.1	31.7	31.7	100.9	100.9	7.0	7.0	4.5	7.0	4.5				7.0	5.3	4
						4.1	0.0	286	24.9	24.9	8.1	8.1	31.7	31.7	100.9	100.9	7.0	7.0	4.6	7.0	4.6						
					Bottom	7.2	0.1	305	24.9	24.9	8.1	8.1	31.7	31.7	101.7	101.7	7.0	7.0	7.6	7.0	7.6				7.0	7.6	4
						7.2	0.1	309	24.9	24.9	8.1	8.1	31.7	31.7	101.7	101.7	7.0	7.0	7.6	7.0	7.6						

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									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Fine	Moderate	14:41	7.4	Surface	1.0	0.2	276	24.7	24.8	8.2	8.2	31.6	31.6	100.1	100.1	6.9	7.0	1.9	2.2	3	3	822257	809847
						1.0	0.2	273	24.8		8.2	8.2	31.6	31.6	100.1	100.1	6.9		1.9		4			
					Middle	3.7	0.2	283	24.5	24.5	8.3	8.3	31.7	31.7	99.8	99.8	7.0		2.2		3			
						3.7	0.2	283	24.5		8.3	8.3	31.7	31.7	99.7	99.7	7.0		2.3		3			
					Bottom	6.4	0.2	258	24.3	24.3	8.3	8.3	31.7	31.7	99.4	99.4	6.9		2.5		2			
						6.4	0.2	260	24.3		8.3	8.3	31.7	31.7	99.4	99.4	6.9		2.5		3			
IM11	Fine	Moderate	14:47	7.0	Surface	1.0	0.2	273	24.8	24.8	8.3	8.3	31.4	31.4	103.8	103.7	7.2	7.1	1.9	2.4	3	4	821486	810524
						1.0	0.2	271	24.8		8.3	8.3	31.4	31.4	103.6	103.7	7.2		1.9		4			
					Middle	3.5	0.3	249	24.5	24.5	8.3	8.3	31.6	31.6	100.3	100.2	7.0		2.5		3			
						3.5	0.2	253	24.5		8.3	8.3	31.6	31.6	100.0	100.0	7.0		2.5		4			
					Bottom	6.0	0.3	263	24.4	24.4	8.2	8.2	31.7	31.7	100.2	100.3	7.0		3.0		4			
						6.0	0.3	261	24.4		8.2	8.2	31.7	31.7	100.3	100.3	7.0		2.9		5			
IM12	Fine	Moderate	14:54	7.7	Surface	1.0	0.3	272	24.9	25.0	8.2	8.2	31.5	31.5	102.8	102.9	7.1	7.1	7.1	5.1	4	3	821175	811525
						1.0	0.3	277	25.0		8.2	8.2	31.5	31.5	102.9	102.9	7.1		7.4		3			
					Middle	3.9	0.4	267	24.6	24.7	8.3	8.3	31.7	31.6	101.6	101.6	7.1		2.2		2			
						3.9	0.4	266	24.7		8.3	8.3	31.6	31.6	101.6	101.6	7.1		2.2		2			
					Bottom	6.7	0.3	264	24.2	24.2	8.3	8.3	31.8	31.8	98.0	98.0	6.9		5.7		<2			
						6.7	0.3	257	24.2		8.3	8.3	31.8	31.8	98.0	98.0	6.9		5.9		<2			
SR1A	Fine	Moderate	15:19	5.7	Surface	1.0	0.1	189	24.4	24.5	8.2	8.2	32.1	32.0	95.6	97.5	6.7	6.8	4.3	4.5	2	2	819970	812654
						1.0	0.1	183	24.6		8.2	8.2	31.9	32.0	99.4	97.5	6.9		4.7		3			
					Middle	2.9	0.0	201	-	-	-	-	-	-	-	-	-		-		-			
						2.9	0.1	206	-		-	-	-	-	-	-	-		-		-			
					Bottom	4.7	0.0	188	24.3	24.3	8.2	8.2	32.2	32.2	95.5	94.6	6.6		4.5		<2			
						4.7	0.0	186	24.3		8.2	8.2	32.3	32.2	93.7	94.6	6.5		4.5		<2			
SR2	Fine	Moderate	15:33	4.2	Surface	1.0	0.1	221	24.5	24.5	8.2	8.2	31.9	31.9	100.5	100.4	7.0	7.0	2.5	3.3	2	3	821481	814164
						1.0	0.1	219	24.5		8.2	8.2	32.0	31.9	100.3	100.4	7.0		2.5		2			
					Middle	-	0.2	226	-	-	-	-	-	-	-	-	-		-					
						-	0.1	232	-		-	-	-	-	-	-	-		-					
					Bottom	3.2	0.1	240	24.3	24.3	8.2	8.2	32.1	32.1	98.7	98.9	6.9		4.2		4			
						3.2	0.2	234	24.2		8.2	8.2	32.1	32.1	99.1	98.9	6.9		4.2		3			
SR3	Sunny	Moderate	15:05	8.4	Surface	1.0	0.1	294	24.9	24.9	8.1	8.1	31.3	31.3	99.0	99.0	6.9	6.9	1.2	1.5	3	3	822128	807575
						1.0	0.2	298	24.9		8.1	8.1	31.3	31.3	99.0	99.0	6.9		1.2		3			
					Middle	4.2	0.1	290	24.7	24.7	8.1	8.1	31.9	31.9	97.8	97.8	6.8		1.3		2			
						4.2	0.1	294	24.7		8.1	8.1	31.9	31.9	97.8	97.8	6.8		1.3		3			
					Bottom	7.4	0.1	311	24.7	24.7	8.1	8.1	32.0	32.0	98.6	98.6	6.8		1.9		<2			
						7.4	0.0	308	24.7		8.1	8.1	32.0	32.0	98.6	98.6	6.8		1.9		<2			
SR4A	Sunny	Moderate	16:51	9.3	Surface	1.0	0.0	176	25.0	25.0	8.1	8.1	32.8	32.8	101.5	101.5	7.0	7.0	4.3	5.8	9	8	817172	807803
						1.0	0.0	169	25.0		8.1	8.1	32.8	32.8	101.5	101.5	7.0		4.4		8			
					Middle	4.7	-	163	24.8	24.8	8.1	8.1	32.9	32.9	99.6	99.6	6.9		6.2		7			
						4.7	0.0	162	24.8		8.1	8.1	32.9	32.9	99.6	99.6	6.9		6.1		8			
					Bottom	8.3	0.0	158	24.8	24.8	8.1	8.1	32.9	32.9	99.8	99.8	6.9		7.0		7			
						8.3	0.0	159	24.8		8.1	8.1	32.9	32.9	99.8	99.8	6.9		7.0		7			
SR8	Fine	Moderate	14:59	4.6	Surface	1.0	-	-	25.1	25.1	8.3	8.3	31.5	31.5	104.1	104.1	7.2	7.2	2.7	3.6	3	3	820388	811642
						1.0	-	-	25.1		8.3	8.3	31.5	31.5	104.1	104.1	7.2		2.8		3			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-					
						-	-	-	-		-	-	-	-	-	-	-		-					
					Bottom	3.6	-	-	24.8	24.8	8.2	8.2	31.8	31.8	101.7	101.8	7.0		4.5		4			
						3.6	-	-	24.8		8.2	8.2	31.8	31.8	101.8	101.8	7.1		4.5		3			

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 22 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	11:42	8.1	Surface	1.0	0.3	214	23.9	23.9	8.2	8.2	31.8	31.9	103.7	103.6	7.4	7.4	7.3	9.3	5	4	815633	804270
						1.0	0.3	215	23.9		8.2		31.9		103.5		7.4		7.7		6			
					Middle	4.1	0.3	218	23.7	8.2	8.2	32.2	32.2	102.9	103.0	7.3	7.3	8.7	4					
						4.1	0.3	211	23.7	8.2	8.2	32.2	32.2	103.0	103.7	7.4	7.4	11.1	3					
					Bottom	7.1	0.3	214	23.7	8.2	8.2	32.2	32.2	103.7	103.7	7.4	7.4	11.3	3					
						7.1	0.3	217	23.7	8.2	8.2	32.2	32.2	103.7	103.7	7.4	7.4	11.3	3					
C2	Cloudy	Moderate	13:07	11.0	Surface	1.0	0.5	182	24.7	24.7	8.1	8.1	29.5	29.5	101.5	101.6	7.2	7.1	3.1	7.6	4	5	825682	806953
						1.0	0.4	184	24.7		8.1		29.5		101.6		7.2		3.1		4			
					Middle	5.5	0.5	163	24.1	8.1	8.1	30.8	30.8	97.4	97.5	6.9	6.9	9.1	5					
						5.5	0.6	157	24.1	8.1	8.1	30.8	30.8	97.5	97.5	6.9	6.9	9.4	5					
					Bottom	10.0	0.5	189	24.3	8.1	8.1	30.6	30.6	98.9	99.1	7.0	7.0	10.3	6					
						10.0	0.4	194	24.4	8.1	8.1	30.6	30.6	99.3	99.3	7.0	7.0	10.5	5					
C3	Misty	Moderate	10:04	12.0	Surface	1.0	0.2	94	23.9	23.9	8.2	8.2	33.3	33.3	96.0	95.9	6.7	6.6	3.8	4.2	4	5	822123	817819
						1.0	0.2	90	23.9		8.2		33.3		95.7		6.7		3.9		5			
					Middle	6.0	0.1	89	23.9	8.2	8.2	33.6	33.6	94.1	94.1	6.6	6.6	4.0	5					
						6.0	0.1	82	23.9	8.2	8.2	33.6	33.6	94.0	94.0	6.5	6.5	4.0	5					
					Bottom	11.0	0.2	78	24.1	8.2	8.2	33.5	33.5	94.4	94.5	6.5	6.6	5.0	4					
						11.0	0.2	75	24.2	8.2	8.2	33.4	33.5	94.6	94.6	6.6	6.6	4.7	5					
IM1	Cloudy	Moderate	12:04	6.1	Surface	1.0	0.3	189	24.1	24.1	8.2	8.2	31.9	31.9	104.0	104.0	7.4	7.4	4.6	7.7	4	4	818343	806449
						1.0	0.3	195	24.1		8.2		31.9		104.0		7.4		5.0		4			
					Middle	3.1	0.2	211	23.8	8.2	8.2	32.1	32.1	102.9	102.9	7.3	7.3	7.3	4					
						3.1	0.3	214	23.8	8.2	8.2	32.1	32.1	102.8	102.8	7.3	7.3	7.7	4					
					Bottom	5.1	0.3	191	23.7	8.2	8.2	32.2	32.2	102.8	102.9	7.3	7.3	10.4	4					
						5.1	0.3	189	23.7	8.2	8.2	32.2	32.2	102.9	102.9	7.3	7.3	11.0	3					
IM2	Cloudy	Moderate	12:10	6.5	Surface	1.0	0.3	214	23.9	23.9	8.2	8.2	31.9	31.9	102.7	102.7	7.3	7.3	4.6	8.3	4	4	819164	806221
						1.0	0.3	217	23.9		8.2		31.9		102.6		7.3		5.0		4			
					Middle	3.3	0.3	183	23.8	8.2	8.2	32.1	32.1	101.6	101.5	7.2	7.2	8.9	4					
						3.3	0.3	177	23.8	8.2	8.2	32.1	32.1	101.4	101.4	7.2	7.2	8.7	4					
					Bottom	5.5	0.3	196	23.8	8.2	8.2	32.1	32.1	101.0	101.2	7.2	7.2	11.3	4					
						5.5	0.3	191	23.8	8.2	8.2	32.1	32.1	101.3	101.3	7.2	7.2	11.4	5					
IM7	Cloudy	Moderate	12:29	7.1	Surface	1.0	0.3	205	24.3	24.3	8.1	8.1	30.5	30.5	99.6	99.6	7.1	7.1	3.0	3.5	4	4	821330	806857
						1.0	0.3	202	24.3		8.1		30.6		99.5		7.1		2.9		5			
					Middle	3.6	0.2	208	24.2	8.1	8.1	30.7	30.7	99.5	99.5	7.0	7.0	2.7	5					
						3.6	0.2	210	24.2	8.1	8.1	30.7	30.7	99.5	99.5	7.0	7.0	2.8	4					
					Bottom	6.1	0.2	197	24.2	8.1	8.1	30.8	30.8	99.4	99.4	7.0	7.0	4.7	3					
						6.1	0.2	200	24.2	8.1	8.1	30.8	30.8	99.4	99.4	7.0	7.0	5.0	3					

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 22 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA					
IM10	Misty	Moderate	11:32	7.4	Surface	1.0	0.3	106	24.0	24.0	8.3	8.3	32.4	32.4	100.6	100.7	7.0	7.0	7.0	7.0	2.1	4	822238	809837			
						1.0	0.3	109	24.0	8.3	8.3	32.4	32.4	100.7	100.7	7.0	7.0	2.2	4								
					Middle	3.7	0.3	114	24.0	24.0	8.3	8.3	32.4	32.4	100.7	100.8	7.1	7.1	3.5	5							
						3.7	0.3	115	24.0	8.3	8.3	32.4	32.4	100.8	100.8	7.1	7.1	3.5	4								
					Bottom	6.4	0.4	132	24.0	24.0	8.3	8.3	32.4	32.3	100.9	100.9	7.1	7.1	4.2	7							
						6.4	0.3	128	24.0	8.3	8.3	32.3	32.3	100.8	100.8	7.1	7.1	4.2	6								
IM11	Misty	Moderate	11:22	8.2	Surface	1.0	0.4	107	23.9	23.9	8.3	8.3	32.7	32.7	100.6	100.6	7.0	7.1	7.1	7.1	4.4	3	821477	810538			
						1.0	0.4	110	23.8	8.3	8.3	32.7	32.7	100.5	100.5	7.1	7.1	4.4	4								
					Middle	4.1	0.4	104	23.7	23.7	8.3	8.3	32.8	32.8	100.5	100.5	7.1	7.1	5.2	5							
						4.1	0.4	107	23.7	8.3	8.3	32.8	32.8	100.5	100.5	7.1	7.1	5.2	4								
					Bottom	7.2	0.4	80	23.6	23.6	8.3	8.3	32.9	32.9	100.4	100.4	7.1	7.1	6.4	4							
						7.2	0.4	82	23.5	8.3	8.3	32.9	32.9	100.3	100.3	7.1	7.1	6.5	4								
IM12	Misty	Moderate	11:17	7.8	Surface	1.0	0.4	108	24.0	24.0	8.3	8.3	32.4	32.4	101.7	101.7	7.1	7.2	7.2	7.2	7.2	4	821163	811535			
						1.0	0.4	100	24.0	8.3	8.3	32.4	32.4	101.7	101.7	7.1	7.1	7.2	5								
					Middle	3.9	0.4	114	24.0	24.0	8.3	8.3	32.4	32.4	102.1	102.1	7.2	7.2	8.6	4							
						3.9	0.4	111	23.9	8.3	8.3	32.5	32.5	102.0	102.0	7.2	7.2	8.5	5								
					Bottom	6.8	0.4	112	23.7	23.7	8.3	8.3	32.6	32.7	101.7	101.6	7.2	7.2	9.0	6							
						6.8	0.4	113	23.6	8.3	8.3	32.7	32.7	101.5	101.5	7.1	7.2	9.1	5								
SR1A	Misty	Moderate	10:55	5.8	Surface	1.0	0.0	46	24.0	24.0	8.2	8.2	32.5	32.5	98.8	98.9	6.9	6.9	6.9	6.9	7.2	4	819981	812659			
						1.0	0.0	44	24.0	8.2	8.2	32.5	32.5	98.9	98.9	6.9	6.9	7.1	5								
					Middle	2.9	0.0	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4
						2.9	0.1	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4
					Bottom	4.8	0.0	19	24.0	24.0	8.2	8.2	32.5	32.5	99.3	99.5	6.9	7.0	8.1	4							
						4.8	0.0	24	24.0	8.2	8.2	32.5	32.5	99.6	99.5	7.0	7.0	8.1	4								
SR2	Misty	Moderate	10:31	5.2	Surface	1.0	0.2	60	24.0	24.0	8.3	8.3	32.7	32.7	99.9	99.9	7.0	7.0	7.0	7.0	4.2	4	821459	814186			
						1.0	0.2	63	24.0	8.3	8.3	32.7	32.7	99.9	99.9	7.0	7.0	4.2	3								
					Middle	-	0.2	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3
						-	0.2	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3
					Bottom	4.2	0.2	56	24.0	24.0	8.3	8.3	32.7	32.7	100.0	100.1	7.0	7.0	5.4	3							
						4.2	0.2	48	24.0	8.3	8.3	32.7	32.7	100.1	100.1	7.0	7.0	5.3	3								
SR3	Cloudy	Moderate	12:37	8.4	Surface	1.0	0.4	153	24.3	24.3	8.1	8.1	30.4	30.5	98.8	98.8	7.0	7.0	7.0	7.0	7.4	5	822133	807554			
						1.0	0.4	146	24.2	8.1	8.1	30.5	30.5	98.7	98.7	7.0	7.0	7.8	4								
					Middle	4.2	0.4	153	24.1	24.1	8.1	8.1	30.8	30.8	98.3	98.3	6.9	6.9	8.0	4							
						4.2	0.3	159	24.1	8.1	8.1	30.8	30.8	98.2	98.2	6.9	6.9	7.1	4								
					Bottom	7.4	0.4	146	24.1	24.1	8.1	8.1	30.9	30.9	99.1	99.1	7.0	7.0	9.5	5							
						7.4	0.4	142	24.1	8.1	8.1	30.9	30.9	99.1	99.1	7.0	7.0	9.8	6								
SR4A	Cloudy	Moderate	11:19	8.7	Surface	1.0	0.0	83	24.2	24.2	8.1	8.1	32.1	32.1	102.0	102.1	7.1	7.1	7.1	7.1	6.6	4	817170	807822			
						1.0	0.1	82	24.2	8.1	8.1	32.1	32.1	102.1	102.1	7.1	7.1	6.6	5								
					Middle	4.4	0.0	73	24.2	24.2	8.1	8.1	32.1	32.1	101.9	101.9	7.1	7.1	8.0	4							
						4.4	0.0	80	24.2	8.1	8.1	32.1	32.1	101.9	101.9	7.1	7.1	8.1	5								
					Bottom	7.7	0.0	73	24.2	24.2	8.1	8.1	32.1	32.1	101.9	101.9	7.1	7.1	8.3	5							
						7.7	0.0	78	24.2	8.1	8.1	32.1	32.1	101.9	101.9	7.1	7.1	8.5	5								
SR8	Misty	Moderate	11:09	5.8	Surface	1.0	-	-	24.0	24.0	8.3	8.3	32.7	32.7	103.1	102.1	7.2	7.2	7.2	7.2	4.8	4	820389	811603			
						1.0	-	-	24.0	8.3	8.3	32.7	32.7	101.0	101.0	7.1	7.1	4.8	4								
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4
					Bottom	4.8	-	-	23.8	23.8	8.3	8.3	32.7	32.7	100.5	100.4	7.0	7.0	3.0	5							
						4.8	-	-	23.8	8.3	8.3	32.7	32.7	100.3	100.3	7.0	7.0	3.0	4								

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 22 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA							
C1	Cloudy	Moderate	17:27	8.5	Surface	1.0	0.4	21	23.6	23.6	8.2	8.2	32.2	32.2	103.9	103.8	7.4	7.4	5.6	9.6	4	5	815631	804266					
						1.0	0.4	27	23.5		8.2		32.2		103.7		7.5		5.7		5								
					Middle	4.3	0.3	17	23.4	23.4	8.2	8.2	32.5	32.5	102.6	102.6	7.4	7.4	10.7	7.5	4				7.0	4	5	825668	806939
						4.3	0.4	14	23.4		8.2		32.5		102.6		7.4		10.0		4								
					Bottom	7.5	0.4	54	23.5	23.5	8.2	8.2	32.4	32.4	103.6	103.7	7.4	7.5	12.5	7.0	5				7.0	6	5	822127	817799
						7.5	0.4	55	23.5		8.2		32.4		103.7		7.5		13.3		4								
C2	Cloudy	Moderate	15:46	10.7	Surface	1.0	0.1	189	24.3	24.3	8.1	8.1	30.0	30.0	99.9	99.8	7.1	7.0	1.3	7.0	4	5	825668	806939					
						1.0	0.1	192	24.3		8.1		30.0		99.7		7.1		1.4		4								
					Middle	5.4	0.0	179	23.9	23.9	8.1	8.1	31.1	31.1	96.4	96.4	6.9	7.0	8.0	7.0	4				7.0	4	5	822127	817799
						5.4	0.0	172	23.9		8.1		31.1		96.4		6.9		7.7		4								
					Bottom	9.7	0.1	164	23.9	24.0	8.1	8.1	31.1	31.0	96.7	97.4	6.9	7.0	11.8	7.0	6				7.0	6	5	822127	817799
						9.7	0.1	161	24.0		8.1		30.9		98.0		7.0		11.8		5								
C3	Misty	Moderate	16:51	10.4	Surface	1.0	0.4	263	23.9	23.9	8.3	8.3	32.5	32.6	100.2	100.2	7.0	7.0	3.1	7.0	7	5	822127	817799					
						1.0	0.4	270	23.9		8.3		32.6		100.1		7.0		3.1		6								
					Middle	5.2	0.4	260	23.9	23.9	8.3	8.3	32.6	32.6	100.1	100.1	7.0	7.0	2.8	7.0	5				7.0	4	5	822127	817799
						5.2	0.5	254	23.9		8.3		32.6		100.1		7.0		3.0		4								
					Bottom	9.4	0.4	271	23.9	23.9	8.3	8.3	32.6	32.6	100.2	100.3	7.0	7.0	5.3	7.0	4				7.0	4	5	822127	817799
						9.4	0.4	269	23.9		8.3		32.7		100.3		7.0		5.3		4								
IM1	Cloudy	Moderate	17:06	6.3	Surface	1.0	0.1	29	24.3	24.3	8.2	8.2	32.0	32.0	105.4	105.4	7.5	7.4	2.4	7.4	4	4	818363	806445					
						1.0	0.2	33	24.2		8.2		32.0		105.3		7.4		2.6		3								
					Middle	3.2	0.1	27	23.8	23.8	8.2	8.2	32.2	32.2	104.3	104.3	7.4	7.4	3.6	7.4	4				7.4	4	4	819178	806224
						3.2	0.1	26	23.8		8.2		32.3		104.3		7.4		3.7		4								
					Bottom	5.3	0.1	9	23.8	23.8	8.2	8.2	32.3	32.3	105.0	105.1	7.5	7.5	9.0	7.5	4				7.5	4	4	821348	806826
						5.3	0.0	2	23.8		8.2		32.3		105.1		7.5		7.9		5								
IM2	Cloudy	Moderate	17:00	6.9	Surface	1.0	0.1	327	24.0	24.0	8.2	8.2	32.0	32.0	103.8	103.8	7.4	7.4	3.9	7.4	4	4	819178	806224					
						1.0	0.2	334	24.0		8.2		32.0		103.7		7.4		4.0		3								
					Middle	3.5	0.1	320	23.7	23.7	8.2	8.2	32.2	32.2	102.4	102.4	7.3	7.4	8.2	7.4	4				7.4	4	4	821348	806826
						3.5	0.1	317	23.7		8.2		32.2		102.4		7.3		8.5		4								
					Bottom	5.9	0.1	336	23.8	23.8	8.2	8.2	32.4	32.4	103.9	103.9	7.4	7.4	9.8	7.4	4				7.4	4	4	821348	806826
						5.9	0.1	338	23.8		8.2		32.4		103.9		7.4		9.9		4								
IM7	Cloudy	Moderate	16:38	7.6	Surface	1.0	0.2	289	24.2	24.2	8.1	8.1	30.5	30.5	100.4	100.4	7.2	7.2	2.4	7.2	4	4	821348	806826					
						1.0	0.2	288	24.2		8.1		30.5		100.3		7.2		2.5		4								
					Middle	3.8	0.1	260	24.1	24.1	8.1	8.1	30.8	30.8	100.5	100.5	7.2	7.2	4.6	7.2	4				7.2	4	4	821348	806826
						3.8	0.1	258	24.1		8.1		30.8		100.5		7.2		4.9		4								
					Bottom	6.6	0.1	292	24.1	24.1	8.1	8.1	30.9	30.9	101.5	101.6	7.3	7.3	6.0	7.3	4				7.3	4	5	821348	806826
						6.6	0.2	287	24.1		8.1		30.9		101.6		7.3		5.8		5								

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 22 November 22 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						
IM10	Misty	Moderate	15:47	9.5	Surface	1.0	0.1	233	23.9	23.9	8.2	8.2	33.4	33.4	96.2	96.2	6.7	6.7	1.0	1.9	3	4	822229	809830				
						1.0	0.1	227	23.9		8.2		33.4		96.2		6.7		1.1		4							
					Middle	4.8	0.1	228	23.9	8.2	8.2	33.4	33.3	96.8	96.9	6.7	1.7	4										
						4.8	0.2	225	23.9	8.2	8.2	33.3	33.3	97.0	97.4	6.8	2.8	4										
					Bottom	8.5	0.2	230	23.9	8.2	8.2	33.3	33.3	97.4	97.4	6.8	6.8	2.8	4									
						8.5	0.2	230	23.9	8.2	8.2	33.3	33.3	97.4	97.4	6.8	6.8	2.8	4									
IM11	Misty	Moderate	15:54	7.6	Surface	1.0	0.2	263	23.9	23.9	8.3	8.3	32.6	32.6	102.6	102.5	7.2	7.2	6.2	6.1	5	5	821516	810552				
						1.0	0.3	257	23.9		8.3		32.6		102.3		7.2		6.1		5							
					Middle	3.8	0.2	260	23.7	8.3	8.3	32.8	32.8	101.6	101.5	7.1	5.7	4										
						3.8	0.2	264	23.7	8.3	8.3	32.8	32.8	101.4	101.5	7.1	5.8	5										
					Bottom	6.6	0.2	267	23.6	8.3	8.3	32.9	33.0	100.8	100.7	7.1	6.4	4										
						6.6	0.3	270	23.5	8.3	8.3	33.0	33.0	100.6	100.7	7.1	7.1	6.5	4									
IM12	Misty	Moderate	15:59	6.8	Surface	1.0	0.2	259	24.0	24.0	8.3	8.3	32.3	32.3	102.0	102.0	7.1	7.1	4.1	5.4	3	5	821143	811524				
						1.0	0.2	256	24.0		8.3		32.3		101.9		7.1		4.2		4							
					Middle	3.4	0.2	268	24.0	8.3	8.3	32.3	32.3	101.9	101.9	7.1	6.0	4										
						3.4	0.2	264	24.0	8.3	8.3	32.3	32.3	101.9	101.9	7.1	5.9	5										
					Bottom	5.8	0.1	247	24.0	8.3	8.3	32.3	32.3	101.9	101.9	7.1	6.2	5										
						5.8	0.2	242	24.0	8.3	8.3	32.3	32.3	101.8	101.9	7.1	7.1	6.2	6									
SR1A	Misty	Moderate	16:21	5.4	Surface	1.0	0.0	187	24.3	24.3	8.2	8.2	32.5	32.5	102.6	102.6	7.1	7.1	4.3	4.4	4	5	819976	812665				
						1.0	0.1	193	24.3		8.2		32.5		102.5		7.1		4.5		5							
					Middle	2.7	0.0	197	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						2.7	0.0	194	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
					Bottom	4.4	0.1	206	24.3	8.2	8.2	32.3	32.3	102.6	102.8	7.2	7.2	4.5	4									
						4.4	-	212	24.3	8.2	8.2	32.3	32.3	102.9	102.8	7.2	7.2	4.5	5									
SR2	Misty	Moderate	16:25	5.6	Surface	1.0	0.1	298	23.8	23.8	8.3	8.3	32.8	32.8	100.5	100.5	7.0	7.0	4.3	4.9	4	5	821475	814182				
						1.0	0.1	291	23.8		8.3		32.8		100.5		7.0		4.3		5							
					Middle	-	0.1	286	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						-	0.1	288	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
					Bottom	4.6	0.1	290	23.6	8.3	8.3	33.2	33.2	100.8	100.8	7.1	7.1	5.5	4									
						4.6	0.1	293	23.6	8.3	8.3	33.2	33.2	100.8	100.8	7.1	7.1	5.4	5									
SR3	Cloudy	Moderate	16:32	8.9	Surface	1.0	0.1	286	24.2	24.2	8.1	8.1	30.4	30.4	99.9	99.9	7.2	7.2	1.3	2.4	7	6	822137	807565				
						1.0	0.2	289	24.2		8.1		30.4		99.9		7.2		1.3		6							
					Middle	4.5	0.1	286	24.0	8.1	8.1	30.9	30.9	98.9	99.0	7.1	2.9	5										
						4.5	0.1	283	24.0	8.1	8.1	30.9	30.9	99.0	99.0	7.1	3.0	6										
					Bottom	7.9	0.1	276	24.0	8.1	8.1	31.0	31.0	99.0	99.1	7.1	7.1	2.9	5									
						7.9	0.1	278	24.0	8.1	8.1	31.0	31.0	99.1	99.1	7.1	7.1	3.0	4									
SR4A	Cloudy	Moderate	18:05	8.9	Surface	1.0	0.0	173	24.2	24.2	8.2	8.2	32.3	32.3	103.7	103.8	7.3	7.3	3.6	5.6	4	4	817183	807786				
						1.0	0.0	176	24.2		8.2		32.3		103.8		7.3		3.6		4							
					Middle	4.5	0.1	170	23.8	8.2	8.2	32.5	32.5	103.2	103.2	7.3	5.8	4										
						4.5	0.1	167	23.8	8.2	8.2	32.5	32.5	103.2	103.2	7.3	6.0	4										
					Bottom	7.9	0.0	147	23.8	8.2	8.2	32.6	32.6	103.8	103.9	7.4	7.4	7.2	5									
						7.9	0.0	150	23.8	8.2	8.2	32.6	32.6	103.9	103.9	7.4	7.4	7.2	4									
SR8	Misty	Moderate	16:05	5.8	Surface	1.0	-	-	24.0	24.0	8.2	8.2	32.5	32.5	98.4	98.5	6.9	6.9	7.7	7.9	4	4	820389	811604				
						1.0	-	-	24.0		8.2		32.5		98.5		6.9		7.6		4							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	
					Bottom	4.8	-	-	24.0	8.2	8.2	32.5	32.5	98.7	98.7	6.9	6.9	8.1	4									
						4.8	-	-	24.0	8.2	8.2	32.5	32.5	98.7	98.7	6.9	6.9	8.2	5									

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 24 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value
C1	Rainy	Moderate	12:56	8.7	Surface	1.0	0.2	199	23.9	23.9	8.1	8.1	33.7	33.7	102.6	102.7	7.1	7.1	4.4	4.4	9	8	815638	804232	
						1.0	0.2	204	23.9	23.9	8.1	8.1	33.7	33.7	102.7	102.7	7.1	7.1	4.8	4.8	9				
					Middle	4.4	0.2	196	23.9	23.9	8.1	8.1	34.3	34.3	102.1	102.1	7.1	7.1	10.7	10.7	8				8
						4.4	0.1	192	23.9	23.9	8.1	8.1	34.3	34.3	102.0	102.0	7.1	7.1	10.7	10.7	8				8
					Bottom	7.7	0.2	232	23.8	23.8	8.1	8.1	34.0	34.0	101.8	101.9	7.1	7.1	10.1	10.1	8				8
						7.7	0.2	227	23.8	23.8	8.1	8.1	33.9	34.0	101.9	101.9	7.1	7.1	10.1	10.1	8				8
C2	Rainy	Moderate	11:33	11.2	Surface	1.0	0.2	340	24.3	24.3	7.9	7.9	32.5	32.5	95.0	95.0	6.6	6.6	6.6	6.6	12	11	825669	806949	
						1.0	0.1	333	24.3	24.3	7.9	7.9	32.5	32.5	95.0	95.0	6.6	6.6	6.3	6.3	11				
					Middle	5.6	0.2	341	24.2	24.2	7.9	7.9	32.8	32.8	95.3	95.3	6.6	6.6	9.6	9.6	10				10
						5.6	0.1	337	24.2	24.2	7.9	7.9	32.9	32.8	95.3	95.3	6.6	6.6	9.8	9.8	10				10
					Bottom	10.2	0.1	9	24.2	24.2	7.9	7.9	32.8	32.8	95.0	95.0	6.6	6.6	9.4	9.4	10				10
						10.2	0.1	5	24.2	24.2	7.9	7.9	32.8	32.8	95.0	95.0	6.6	6.6	9.0	9.0	10				10
C3	Rainy	Moderate	12:46	10.4	Surface	1.0	0.2	63	23.3	23.3	8.1	8.1	30.6	30.6	89.6	89.4	6.4	6.4	4.4	4.4	12	9	822085	817786	
						1.0	0.2	63	23.3	23.3	8.1	8.1	30.5	30.6	89.2	89.4	6.4	6.4	4.7	4.7	11				
					Middle	5.2	0.2	77	23.3	23.3	8.1	8.1	30.5	30.5	87.6	87.1	6.3	6.3	5.3	5.3	9				9
						5.2	0.2	83	23.3	23.3	8.1	8.1	30.5	30.5	86.6	86.6	6.2	6.2	5.3	5.3	10				10
					Bottom	9.4	0.2	86	23.3	23.3	8.1	8.1	30.4	30.4	82.6	82.7	5.9	5.9	6.9	6.9	8				8
						9.4	0.2	81	23.3	23.3	8.1	8.1	30.4	30.4	82.8	82.7	5.9	5.9	6.9	6.9	6				6
IM1	Rainy	Moderate	12:33	6.2	Surface	1.0	0.0	190	24.0	24.0	8.1	8.1	33.6	33.6	101.4	101.4	7.1	7.1	4.8	4.8	8	9	818353	806465	
						1.0	0.1	195	24.0	24.0	8.1	8.1	33.6	33.6	101.4	101.4	7.0	7.0	4.9	4.9	6				
					Middle	3.1	0.0	196	24.0	24.0	8.1	8.1	34.0	34.0	100.3	100.4	7.0	7.0	6.8	6.8	9				9
						3.1	0.0	193	24.0	24.0	8.1	8.1	34.0	34.0	100.4	100.4	7.0	7.0	6.9	6.9	9				9
					Bottom	5.2	0.1	155	23.9	23.9	8.1	8.1	34.1	34.1	100.3	100.3	7.0	7.0	11.2	11.2	9				9
						5.2	0.1	159	23.9	23.9	8.1	8.1	34.1	34.1	100.3	100.3	7.0	7.0	11.0	11.0	10				10
IM2	Rainy	Moderate	12:28	6.8	Surface	1.0	0.1	150	24.0	24.0	8.1	8.1	33.8	33.9	102.1	102.1	7.1	7.1	7.9	7.9	11	10	819184	806250	
						1.0	0.0	154	24.0	24.0	8.1	8.1	33.9	33.9	102.1	102.1	7.1	7.1	8.1	8.1	12				
					Middle	3.4	0.0	173	24.0	24.0	8.1	8.1	33.9	33.9	102.1	102.1	7.1	7.1	8.6	8.6	9				9
						3.4	0.0	180	24.0	24.0	8.1	8.1	33.9	33.9	102.1	102.1	7.1	7.1	8.6	8.6	10				10
					Bottom	5.8	0.0	179	24.0	24.0	8.2	8.2	34.1	34.1	102.2	102.2	7.1	7.1	10.3	10.3	9				9
						5.8	0.0	172	24.0	24.0	8.2	8.2	34.1	34.1	102.2	102.2	7.1	7.1	10.2	10.2	9				9
IM7	Rainy	Moderate	12:00	8.8	Surface	1.0	0.2	78	24.3	24.3	7.9	7.9	32.5	32.5	95.1	95.1	6.6	6.6	8.0	8.0	8	8	821341	806831	
						1.0	0.1	73	24.3	24.3	7.9	7.9	32.6	32.5	95.1	95.1	6.6	6.6	8.9	8.9	8				
					Middle	4.4	0.1	95	24.2	24.2	7.9	7.9	32.9	32.9	95.0	95.0	6.6	6.6	11.9	11.9	8				8
						4.4	0.1	96	24.2	24.2	7.9	7.9	32.9	32.9	95.0	95.0	6.6	6.6	11.9	11.9	7				7
					Bottom	7.8	0.1	58	24.2	24.2	7.9	7.9	32.8	32.7	95.1	95.1	6.6	6.6	11.6	11.6	7				7
						7.8	0.2	57	24.2	24.2	7.9	7.9	32.7	32.7	95.1	95.1	6.6	6.6	11.1	11.1	8				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 24 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)								
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA										
IM10	Rainy	Moderate	11:41	10.0	Surface	1.0	0.1	36	23.2	23.2	8.1	8.1	29.9	29.9	93.0	93.1	6.7	6.7	7.5	7.5	8	8	822218	809851								
						1.0	0.1	30	23.2	23.2	8.1	8.1	29.9	29.9	93.1	93.1	6.7	6.7	7.4	7.4	10											
					Middle	5.0	0.1	61	23.2	23.2	8.1	8.1	29.9	29.9	93.2	93.3	6.7	6.7	7.6	7.6	7.7				7.7	9						
						5.0	0.1	67	23.2	23.2	8.1	8.1	29.9	29.9	93.3	93.3	6.7	6.7	7.6	7.6	8											
					Bottom	9.0	0.1	31	23.2	23.2	8.1	8.1	29.9	29.9	93.4	93.5	6.7	6.7	8.0	8.0	6.7				6.7	8						
						9.0	0.1	35	23.2	23.2	8.1	8.1	29.9	29.9	93.6	93.5	6.7	6.7	8.0	8.0	7											
					IM11	Rainy	Moderate	11:49	7.4	Surface	1.0	0.0	44	23.2	23.2	8.2	8.1	29.9	29.9	88.9	88.6				6.4	6.3	4.1	4.1	6	7	821488	810543
											1.0	0.0	36	23.2	23.2	8.1	8.1	29.9	29.9	88.3	88.6				6.4	6.3	4.1	4.1	6			
Middle	3.7	0.0	69	23.2						23.2	8.1	8.1	29.8	29.8	86.6	86.0	6.2	6.2	5.7	5.7	5.5	5.5	6									
	3.7	0.0	72	23.2						23.2	8.1	8.1	29.8	29.8	85.4	86.0	6.2	6.2	5.7	5.7	7											
Bottom	6.4	0.1	35	23.2						23.2	8.0	8.0	29.7	29.7	82.3	84.2	5.9	6.1	6.8	6.8	6.1	6.1	8									
	6.4	0.1	32	23.2						23.2	8.0	8.0	29.7	29.7	86.1	84.2	6.2	6.1	6.8	6.8	7											
IM12	Rainy	Moderate	11:54	6.6						Surface	1.0	0.1	100	23.2	23.2	8.2	8.2	30.1	30.1	92.4	92.4	6.6	6.6	3.9	3.9	7	8	821142	811500			
											1.0	0.1	102	23.2	23.2	8.2	8.2	30.1	30.1	92.3	92.4	6.6	6.6	3.9	3.9	7						
					Middle	3.3	0.2	106	23.2	23.2	8.2	8.2	30.1	30.1	92.1	91.8	6.6	6.6	4.6	4.6	6.6	6.6	7									
						3.3	0.1	107	23.2	23.2	8.2	8.2	30.1	30.1	91.5	91.8	6.6	6.6	4.6	4.6	8											
					Bottom	5.6	0.1	119	23.2	23.2	8.2	8.2	30.1	30.1	90.9	90.7	6.5	6.5	5.6	5.6	6.5	6.5	8									
						5.6	0.1	120	23.2	23.2	8.2	8.2	30.1	30.1	90.4	90.7	6.5	6.5	5.6	5.6	9											
					SR1A	Rainy	Moderate	12:16	5.4	Surface	1.0	0.0	19	23.3	23.3	8.2	8.2	30.1	30.1	95.9	96.0	6.9	6.9	5.4	5.4	7				6	819978	812656
											1.0	0.0	20	23.3	23.3	8.2	8.2	30.1	30.1	96.1	96.0	6.9	6.9	5.4	5.4	6						
Middle	2.7	0.1	17	-						-	-	-	-	-	-	-	-	-	-	-	6.9	6.9	-	5.7								
	2.7	0.1	23	-						-	-	-	-	-	-	-	-	-	-	-	6.9	6.9	-									
Bottom	4.4	0.0	354	23.3						23.3	8.2	8.2	30.1	30.1	96.5	96.9	6.9	7.0	6.1	6.1	7.0	7.0	6									
	4.4	-	348	23.3						23.3	8.2	8.2	30.0	30.1	97.2	96.9	7.0	7.0	6.1	6.1	6											
SR2	Rainy	Moderate	12:20	5.4						Surface	1.0	0.1	37	23.3	23.3	8.2	8.1	30.0	30.0	96.5	96.7	6.9	7.0	4.0	4.0	8	7	821473	814175			
											1.0	0.1	32	23.3	23.3	8.1	8.1	30.0	30.0	96.9	96.7	7.0	7.0	4.0	4.0	7						
					Middle	-	0.1	44	-	-	-	-	-	-	-	-	-	-	-	-	7.0	7.0	-	4.4								
						-	0.1	42	-	-	-	-	-	-	-	-	-	-	-	-	7.0	7.0	-									
					Bottom	4.4	0.1	32	23.3	23.3	8.1	8.1	29.9	29.5	97.2	97.4	7.0	7.1	4.9	4.9	7.1	7.1	6									
						4.4	0.0	35	23.3	23.3	8.1	8.1	29.2	29.5	97.5	97.4	7.1	7.1	4.7	4.7	6											
					SR3	Rainy	Moderate	11:51	9.7	Surface	1.0	0.1	20	24.3	24.3	7.9	7.9	32.5	32.5	96.1	96.1	6.7	6.8	6.7	6.7	9				11	822151	807555
											1.0	0.1	12	24.3	24.3	7.9	7.9	32.5	32.5	96.1	96.1	6.7	6.7	7.7	7.7	10						
Middle	4.9	0.1	35	24.1						24.1	8.0	8.0	32.9	32.9	97.5	97.5	6.8	6.8	14.9	14.9	11.8	11.8	10									
	4.9	0.2	31	24.1						24.1	8.0	8.0	32.9	32.9	97.5	97.5	6.8	6.8	14.9	14.9	11											
Bottom	8.7	0.1	46	24.1						24.1	8.0	8.0	33.0	33.0	98.1	98.4	6.8	6.9	13.2	13.2	6.9	6.9	11									
	8.7	0.2	44	24.1						24.1	8.0	8.0	33.1	33.0	98.6	98.4	6.9	6.9	13.2	13.2	12											
SR4A	Rainy	Moderate	13:13	9.4						Surface	1.0	0.0	349	24.0	24.0	8.1	8.1	33.6	33.6	99.2	99.2	6.9	6.9	7.0	7.0	8	9	817205	807788			
											1.0	0.0	351	24.0	24.0	8.1	8.1	33.6	33.6	99.2	99.2	6.9	6.9	7.2	7.2	8						
					Middle	4.7	0.0	335	24.0	24.0	8.1	8.1	33.7	33.7	99.4	99.4	6.9	6.9	11.9	11.9	6.9	6.9	9									
						4.7	0.0	334	24.0	24.0	8.1	8.1	33.7	33.7	99.4	99.4	6.9	6.9	12.1	12.1	9											
					Bottom	8.4	0.1	338	23.9	24.0	8.1	8.1	33.7	33.7	99.7	99.8	6.9	6.9	14.5	14.5	6.9	6.9	10									
						8.4	0.1	340	24.0	24.0	8.1	8.1	33.7	33.7	99.9	99.8	6.9	6.9	14.7	14.7	8											
					SR8	Rainy	Moderate	12:00	5.8	Surface	1.0	-	-	23.2	23.2	8.2	8.2	30.1	30.1	93.0	93.0	6.7	6.7	5.4	5.4	12				11	820379	811614
											1.0	-	-	23.2	23.2	8.2	8.2	30.1	30.1	92.9	92.9	6.7	6.7	5.5	5.5	11						
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	6.7	6.7	-									
	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	6.7	6.7	-									
Bottom	4.8	-	-	23.2						23.2	8.2	8.2	30.1	30.1	92.9	92.9	6.7	6.7	6.4	6.4	6.7	6.7	10									
	4.8	-	-	23.2						23.2	8.2	8.2	30.1	30.1	92.8	92.9	6.7	6.7	6.3	6.3	9											

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

Water Quality Monitoring

Water Quality Monitoring Results on 24 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
C1	Rainy	Rough	07:56	8.4	Surface	1.0	0.4	39	24.0	24.0	8.0	8.0	33.5	33.5	102.2	102.2	7.1	7.1	10.9	11.5	7	9	815606	804250
						1.0	0.4	34	24.0	8.0	8.0	33.5	33.5	102.1	102.2	7.1	7.1	11.6	11.5	8				
					Middle	4.2	0.4	50	24.0	24.0	8.0	8.0	34.0	34.0	101.9	101.9	7.1	7.1	11.0	11.5	8			
						4.2	0.4	42	24.0	24.0	8.0	8.0	34.0	34.0	101.9	101.9	7.1	7.1	10.8	11.5	8			
					Bottom	7.4	0.4	16	23.9	23.9	8.1	8.1	34.1	34.1	101.9	101.9	7.1	7.1	11.9	11.5	10			
						7.4	0.4	14	23.9	23.9	8.1	8.1	34.1	34.1	101.9	101.9	7.1	7.1	12.7	11.5	11			
C2	Rainy	Rough	08:58	12.1	Surface	1.0	0.5	339	24.3	24.3	7.9	7.9	32.6	32.6	96.2	96.3	6.7	6.7	8.2	11.9	10	825701	806945	
						1.0	0.5	332	24.2	24.3	7.9	7.9	32.6	32.6	96.3	96.3	6.7	6.7	8.8					
					Middle	6.1	0.5	4	24.1	24.1	7.9	7.9	32.9	32.9	97.0	97.1	6.7	6.7	10.3					
						6.1	0.5	3	24.1	24.1	7.9	7.9	33.0	32.9	97.1	97.1	6.8	6.8	10.6					
					Bottom	11.1	0.5	338	24.1	24.1	7.9	7.9	33.1	33.1	97.8	97.9	6.8	6.8	16.9					
						11.1	0.6	333	24.1	24.1	7.9	7.9	33.1	33.1	97.9	97.9	6.8	6.8	16.9					
C3	Rainy	Moderate	07:48	11.8	Surface	1.0	0.5	267	23.3	23.3	8.0	8.0	30.5	30.4	91.9	91.9	6.6	6.6	4.0	5.5	7	822097	817782	
						1.0	0.5	262	23.3	23.3	8.0	8.0	30.4	30.4	91.9	91.9	6.6	6.6	4.0					
					Middle	5.9	0.5	240	23.3	23.3	8.0	8.0	30.4	30.4	92.4	92.5	6.6	6.6	5.4					
						5.9	0.4	241	23.3	23.3	8.0	8.0	30.3	30.4	92.6	92.5	6.6	6.6	5.5					
					Bottom	10.8	0.5	262	23.3	23.3	8.0	8.0	30.2	30.1	93.2	93.3	6.7	6.7	7.0					
						10.8	0.5	269	23.3	23.3	8.0	8.0	30.1	30.1	93.4	93.3	6.7	6.7	6.9					
IM1	Rainy	Rough	08:09	6.4	Surface	1.0	0.3	17	24.0	24.0	8.0	8.0	33.6	33.6	99.1	99.0	6.9	6.9	5.4	7.4	8	818330	806478	
						1.0	0.3	16	24.0	24.0	8.0	8.0	33.6	33.6	98.9	99.0	6.9	6.9	5.5					
					Middle	3.2	0.3	30	23.9	23.9	8.0	8.0	34.0	34.0	99.0	99.0	6.9	6.9	5.3					
						3.2	0.2	27	23.9	23.9	8.0	8.0	34.0	34.0	99.0	99.0	6.9	6.9	5.3					
					Bottom	5.4	0.3	6	23.9	23.9	8.0	8.0	34.1	34.1	99.9	100.1	6.9	7.0	11.1					
						5.4	0.4	3	23.9	23.9	8.0	8.0	34.1	34.1	100.3	100.3	7.0	7.0	11.9					
IM2	Rainy	Rough	08:13	7.4	Surface	1.0	0.3	16	24.0	24.0	8.1	8.1	34.0	34.1	102.5	102.5	7.1	7.1	6.6	11.1	9	819193	806220	
						1.0	0.2	16	24.0	24.0	8.1	8.1	34.1	34.1	102.5	102.5	7.1	7.1	6.7					
					Middle	3.7	0.3	16	24.0	24.0	8.1	8.1	34.3	34.3	102.6	102.6	7.1	7.1	11.1					
						3.7	0.4	12	24.0	24.0	8.1	8.1	34.3	34.3	102.6	102.6	7.1	7.1	11.4					
					Bottom	6.4	0.4	354	23.9	23.9	8.1	8.1	34.3	34.3	102.7	102.7	7.1	7.1	15.0					
						6.4	0.4	349	23.9	23.9	8.1	8.1	34.3	34.3	102.7	102.7	7.1	7.1	15.7					
IM7	Rainy	Rough	08:35	8.5	Surface	1.0	0.3	4	24.1	24.1	7.9	7.9	32.8	32.8	96.6	96.7	6.7	6.8	6.0	6.2	7	821363	806848	
						1.0	0.3	0	24.1	24.1	7.9	7.9	32.9	32.8	96.7	96.7	6.7	6.8	6.1					
					Middle	4.3	0.2	356	24.0	24.0	8.0	8.0	33.3	33.3	97.1	97.1	6.8	6.8	6.4					
						4.3	0.3	354	24.0	24.0	8.0	8.0	33.3	33.3	97.1	97.1	6.8	6.8	6.4					
					Bottom	7.5	0.2	349	23.9	24.0	8.0	8.0	33.5	33.5	97.7	98.0	6.8	6.8	6.2					
						7.5	0.3	346	24.0	24.0	8.0	8.0	33.5	33.5	98.2	98.0	6.8	6.8	6.2					

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Water Quality Monitoring

Water Quality Monitoring Results on 24 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA		
IM10	Rainy	Moderate	09:16	7.2	Surface	1.0	0.5	287	23.3	23.3	8.2	8.2	30.0	30.0	95.8	95.9	6.9	6.9	6.1	6.1	9	8	822252	809829				
						1.0	0.4	285	23.3	23.3	8.2	8.2	30.0	30.0	95.9	95.9	6.9	6.9	6.1	6.1	8							
					Middle	3.6	0.4	293	23.3	23.3	8.2	8.2	30.0	30.0	96.0	96.1	6.9	6.9	7.0	7.0	7.1				7.1	8		
						3.6	0.4	288	23.3	23.3	8.2	8.2	30.0	30.0	96.1	96.1	6.9	6.9	7.0	7.0	7.1				7.1	6		
					Bottom	6.2	0.5	310	23.3	23.3	8.2	8.2	29.9	29.9	96.4	96.5	6.9	6.9	8.1	8.1	6.9				6.9	8		
						6.2	0.5	315	23.3	23.3	8.2	8.2	29.9	29.9	96.6	96.6	6.9	6.9	8.2	8.2	6.9				6.9	7		
IM11	Rainy	Moderate	09:06	8.2	Surface	1.0	0.4	298	23.4	23.4	8.2	8.2	30.1	30.1	94.7	94.7	6.8	6.8	6.2	6.2	10	9	821499	810531				
						1.0	0.5	298	23.4	23.4	8.2	8.2	30.1	30.1	94.7	94.7	6.8	6.8	6.2	6.2	9							
					Middle	4.1	0.5	303	23.4	23.4	8.2	8.2	30.0	30.0	95.1	95.2	6.8	6.8	7.7	7.7	7.3				7.3	10		
						4.1	0.5	308	23.4	23.4	8.2	8.2	30.0	30.0	95.2	95.2	6.8	6.8	7.7	7.7	7.3				7.3	9		
					Bottom	7.2	0.5	282	23.4	23.4	8.1	8.1	29.9	29.9	95.9	96.2	6.9	6.9	8.0	8.0	6.9				6.9	8		
						7.2	0.6	283	23.4	23.4	8.1	8.1	29.9	29.9	96.4	96.4	6.9	6.9	8.1	8.1	6.9				6.9	8		
IM12	Rainy	Moderate	09:01	8.0	Surface	1.0	0.5	277	23.3	23.3	8.2	8.2	30.0	30.0	95.5	95.6	6.9	6.9	6.0	6.0	12	11	821143	811523				
						1.0	0.5	275	23.3	23.3	8.2	8.2	30.0	30.0	95.6	95.6	6.9	6.9	6.0	6.0	12							
					Middle	4.0	0.5	280	23.3	23.3	8.2	8.2	29.9	29.9	95.7	95.8	6.9	6.9	6.9	6.9	6.6				6.6	11		
						4.0	0.5	274	23.3	23.3	8.2	8.2	29.9	29.9	95.9	95.9	6.9	6.9	7.1	7.1	6.6				6.6	12		
					Bottom	7.0	0.5	280	23.3	23.3	8.1	8.1	29.9	29.9	96.2	96.4	6.9	6.9	7.1	7.1	6.9				6.9	10		
						7.0	0.5	277	23.3	23.3	8.1	8.1	29.8	29.8	96.6	96.6	6.9	6.9	7.1	7.1	6.9				6.9	10		
SR1A	Rainy	Moderate	08:38	5.6	Surface	1.0	-	213	23.2	23.2	8.1	8.1	29.8	29.8	94.0	94.2	6.8	6.8	6.7	6.7	10	10	819979	812657				
						1.0	0.0	212	23.2	23.2	8.1	8.1	29.7	29.8	94.3	94.3	6.8	6.8	6.7	6.7	10							
					Middle	2.8	0.1	212	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	7.2	-
						2.8	0.1	207	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	7.2	-
					Bottom	4.6	0.1	228	23.1	23.1	8.1	8.1	29.6	29.6	95.6	95.8	6.9	6.9	7.7	7.7	6.9				6.9	11		
						4.6	0.0	230	23.1	23.1	8.1	8.1	29.5	29.6	96.0	96.0	6.9	6.9	7.7	7.7	6.9				6.9	10		
SR2	Rainy	Moderate	08:15	5.2	Surface	1.0	0.2	242	23.3	23.3	8.1	8.1	30.0	29.8	95.7	95.8	6.9	6.9	4.1	4.1	11	13	821481	814153				
						1.0	0.2	249	23.3	23.3	8.1	8.1	29.7	29.8	95.9	95.8	6.9	6.9	4.1	4.1	12							
					Middle	-	0.2	247	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	5.1	-
						-	0.2	242	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	5.1	-
					Bottom	4.2	0.1	220	23.2	23.2	8.1	8.1	29.5	29.5	96.2	96.5	6.9	7.0	6.0	6.0	7.0				7.0	14		
						4.2	0.2	218	23.2	23.2	8.0	8.1	29.4	29.5	96.8	96.8	6.9	7.0	6.0	6.0	7.0				7.0	14		
SR3	Rainy	Rough	08:41	8.0	Surface	1.0	0.5	335	24.3	24.3	7.9	7.9	32.4	32.4	96.3	96.4	6.7	6.7	8.0	8.0	11	9	822167	807562				
						1.0	0.5	342	24.2	24.2	7.9	7.9	32.4	32.4	96.4	96.4	6.7	6.7	8.5	8.5	12							
					Middle	4.0	0.4	351	24.2	24.2	8.0	8.0	32.7	32.7	97.0	97.1	6.8	6.8	11.1	11.1	11.1				11.1	8		
						4.0	0.4	358	24.2	24.2	8.0	8.0	32.7	32.7	97.2	97.2	6.8	6.8	11.5	11.5	11.1				11.1	8		
					Bottom	7.0	0.4	11	24.1	24.1	8.0	8.0	32.9	32.9	98.1	98.2	6.8	6.8	13.7	13.7	6.8				6.8	7		
						7.0	0.5	17	24.1	24.1	8.0	8.0	32.9	32.9	98.2	98.2	6.8	6.8	13.5	13.5	6.8				6.8	8		
SR4A	Rainy	Rough	07:36	9.5	Surface	1.0	0.0	236	24.1	24.1	8.3	8.3	33.2	33.2	96.5	96.5	6.7	6.7	11.3	11.3	26	28	817194	807820				
						1.0	0.0	234	24.1	24.1	8.3	8.3	33.2	33.2	96.5	96.5	6.7	6.7	11.4	11.4	27							
					Middle	4.8	0.0	242	24.1	24.1	8.2	8.2	32.9	32.8	96.4	96.4	6.7	6.7	8.4	8.4	10.5				10.5	28		
						4.8	-	247	24.1	24.1	8.2	8.2	32.8	32.8	96.4	96.4	6.7	6.7	8.3	8.3	10.5				10.5	27		
					Bottom	8.5	0.0	231	24.0	24.0	8.2	8.2	32.7	32.6	96.8	96.8	6.8	6.8	11.3	11.3	6.8				6.8	29		
						8.5	0.0	225	24.0	24.0	8.2	8.2	32.6	32.6	96.8	96.8	6.8	6.8	12.1	12.1	6.8				6.8	30		
SR8	Rainy	Moderate	08:53	5.8	Surface	1.0	-	-	23.3	23.3	8.2	8.2	30.1	30.1	95.8	95.9	6.9	6.9	7.3	7.3	10	10	820380	811632				
						1.0	-	-	23.3	23.3	8.2	8.2	30.1	30.1	95.9	95.9	6.9	6.9	7.3	7.3	11							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	8.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	8.1	-
					Bottom	4.8	-	-	23.3	23.3	8.2	8.2	30.0	30.0	96.3	96.4	6.9	6.9	8.8	8.8	6.9				6.9	9		
						4.8	-	-	23.3	23.3	8.2	8.2	30.0	30.0	96.4	96.4	6.9	6.9	8.9	8.9	6.9				6.9	10		

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

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

Water Quality Monitoring Results on 26 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			
C1	Rainy	Rough	14:46	8.2	Surface	1.0	0.1	205	23.1	23.1	8.2	8.2	28.9	28.9	92.7	92.7	6.7	6.7	7.6	11.8	8	9	815634	804239	
						1.0	0.2	208	23.1	8.2	8.2	28.9	28.9	92.7	92.7	6.7	7.6		10						
					Middle	4.1	0.1	199	23.1	23.1	8.2	8.2	29.5	29.5	90.9	90.9	6.6		6.6		12.9				9
						4.1	0.1	193	23.1	23.1	8.2	8.2	29.5	29.5	90.9	90.9	6.6		6.6		12.9				8
					Bottom	7.2	0.1	187	23.1	23.1	8.2	8.2	29.9	29.9	91.6	91.6	6.6		6.6		14.8				8
						7.2	0.1	183	23.1	23.1	8.2	8.2	29.9	29.9	91.6	91.6	6.6		6.6		14.8				8
C2	Rainy	Rough	13:08	9.2	Surface	1.0	0.1	349	23.5	23.5	8.2	8.2	29.0	29.0	88.0	88.1	6.3	6.3	7.9	11.7	10	9	825671	806960	
						1.0	0.2	341	23.5	23.5	8.2	8.2	29.0	29.0	88.1	88.1	6.3		7.9		8				
					Middle	4.6	0.1	7	23.4	23.4	8.2	8.2	29.1	29.1	86.5	86.6	6.2		6.2		13.4				9
						4.6	0.2	12	23.4	23.4	8.2	8.2	29.1	29.1	86.6	86.6	6.2		6.2		13.5				9
					Bottom	8.2	0.2	1	23.4	23.4	8.2	8.2	29.1	29.1	86.6	86.6	6.2		6.2		13.7				10
						8.2	0.2	7	23.4	23.4	8.2	8.2	29.1	29.1	86.6	86.6	6.2		6.2		13.7				9
C3	Rainy	Moderate	14:11	11.4	Surface	1.0	0.2	61	23.6	23.6	8.2	8.2	33.5	33.5	90.7	90.7	6.3	6.4	5.3	6.4	9	9	822088	817809	
						1.0	0.2	54	23.6	23.6	8.2	8.2	33.5	33.5	90.7	90.7	6.4		5.2		8				
					Middle	5.7	0.1	61	23.6	23.6	8.2	8.2	33.5	33.5	91.9	92.2	6.4		6.4		6.6				9
						5.7	0.1	63	23.6	23.6	8.2	8.2	33.5	33.5	92.4	92.2	6.5		6.5		6.6				10
					Bottom	10.4	0.1	53	23.6	23.6	8.2	8.2	33.5	33.5	94.2	94.4	6.6		6.6		7.4				9
						10.4	0.1	53	23.6	23.6	8.2	8.2	33.5	33.5	94.6	94.4	6.6		6.6		7.5				9
IM1	Rainy	Moderate	14:18	7.1	Surface	1.0	0.1	101	23.1	23.1	8.2	8.2	29.0	29.0	92.9	92.9	6.7	6.6	7.4	8.7	8	9	818350	806440	
						1.0	0.1	95	23.1	23.1	8.2	8.2	29.0	29.0	92.9	92.9	6.7		7.4		8				
					Middle	3.6	-	114	23.1	23.1	8.2	8.2	29.9	29.9	89.7	89.7	6.5		6.5		8.4				8
						3.6	0.0	114	23.1	23.1	8.2	8.2	29.9	29.9	89.7	89.7	6.5		6.5		8.5				10
					Bottom	6.1	0.0	78	23.1	23.1	8.2	8.2	30.2	30.2	90.7	90.8	6.5		6.5		10.1				10
						6.1	0.1	78	23.1	23.1	8.2	8.2	30.2	30.2	90.8	90.8	6.5		6.5		10.1				10
IM2	Rainy	Moderate	14:07	7.6	Surface	1.0	0.1	65	23.1	23.1	8.2	8.2	29.4	29.5	92.4	92.3	6.7	6.6	9.8	9.4	10	9	819165	806224	
						1.0	0.0	67	23.1	23.1	8.2	8.2	29.5	29.5	92.2	92.3	6.7		9.8		9				
					Middle	3.8	0.1	53	23.1	23.1	8.2	8.2	29.9	29.9	90.4	90.4	6.5		6.5		9.6				9
						3.8	0.1	54	23.1	23.1	8.2	8.2	29.9	29.9	90.4	90.4	6.5		6.5		9.6				8
					Bottom	6.6	0.1	93	23.1	23.1	8.2	8.2	30.1	30.1	90.5	90.6	6.5		6.5		8.8				10
						6.6	0.1	95	23.1	23.1	8.2	8.2	30.1	30.1	90.6	90.6	6.5		6.5		8.9				9
IM7	Rainy	Rough	13:43	8.6	Surface	1.0	0.1	78	23.3	23.3	8.1	8.1	29.5	29.5	90.9	91.0	6.6	6.6	7.0	9.6	10	10	821359	806818	
						1.0	0.1	71	23.3	23.3	8.1	8.1	29.5	29.5	91.0	91.0	6.6		7.0		9				
					Middle	4.3	0.2	75	23.2	23.2	8.2	8.2	29.9	29.9	90.5	90.5	6.5		6.5		10.2				9
						4.3	0.1	77	23.2	23.2	8.2	8.2	29.9	29.9	90.5	90.5	6.5		6.5		10.2				10
					Bottom	7.6	0.2	59	23.1	23.1	8.2	8.2	30.3	30.3	90.7	90.7	6.5		6.5		11.6				10
						7.6	0.2	62	23.1	23.1	8.2	8.2	30.3	30.3	90.7	90.7	6.5		6.5		11.6				9

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

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

Water Quality Monitoring Results on 26 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Misty	Moderate	13:06	8.4	Surface	1.0	0.1	338	23.7	23.7	8.2	8.2	32.1	32.1	94.2	94.4	6.6	6.7	7.1	8.3	10	10	822216	809847
						1.0	0.2	341	23.7	8.2	8.2	32.2	32.1	94.5	94.4	6.7	7.1		9					
					Middle	4.2	0.2	344	23.7	8.2	8.2	32.3	32.3	95.4	95.5	6.7	8.2		10					
						4.2	0.2	348	23.7	8.3	8.2	32.4	32.3	95.5	95.5	6.7	8.2		10					
					Bottom	7.4	0.2	305	23.6	8.3	8.3	32.6	32.6	96.9	97.1	6.8	9.4		11					
						7.4	0.1	311	23.7	8.3	8.3	32.6	32.6	97.3	97.1	6.8	9.5		10					
IM11	Misty	Moderate	13:12	7.0	Surface	1.0	0.1	311	23.6	23.6	8.3	8.3	32.6	32.6	94.1	94.2	6.6	6.7	7.0	7.6	11	10	821492	810567
						1.0	0.0	307	23.6	8.3	8.3	32.6	32.6	94.3	94.2	6.6	6.9		11					
					Middle	3.5	0.0	312	23.6	8.3	8.3	32.7	32.7	95.6	95.8	6.7	7.1		10					
						3.5	0.1	306	23.6	8.3	8.3	32.7	32.7	95.9	95.8	6.7	7.1		11					
					Bottom	6.0	0.1	297	23.6	8.3	8.3	32.7	32.6	97.7	98.3	6.9	8.9		10					
						6.0	0.1	300	23.6	8.3	8.3	32.6	32.6	98.8	98.3	6.9	8.7		9					
IM12	Misty	Moderate	13:18	6.6	Surface	1.0	0.1	282	23.6	23.6	8.2	8.2	32.6	32.6	94.9	95.1	6.7	6.7	7.7	8.6	10	10	821167	811530
						1.0	0.1	284	23.6	8.2	8.2	32.6	32.6	95.3	95.1	6.7	7.6		9					
					Middle	3.3	0.1	278	23.6	8.2	8.2	32.6	32.6	95.8	95.9	6.7	8.3		11					
						3.3	0.1	277	23.6	8.2	8.2	32.7	32.6	96.0	95.9	6.8	8.3		10					
					Bottom	5.6	0.0	273	23.6	8.3	8.3	32.6	32.6	97.5	97.9	6.9	9.8		10					
						5.6	0.1	277	23.6	8.3	8.3	32.6	32.6	98.3	97.9	6.9	9.8		9					
SR1A	Rainy	Moderate	13:31	4.0	Surface	1.0	0.1	349	23.7	23.7	8.2	8.2	32.6	32.6	91.7	91.7	6.5	6.5	6.6	7.3	9	9	819983	812662
						1.0	0.1	353	23.6	8.2	8.2	32.6	32.6	91.7	91.7	6.5	6.7		10					
					Middle	2.0	0.0	-	-	-	-	-	-	-	-	-	-		-					
						2.0	0.0	355	-	-	-	-	-	-	-	-	-		-					
					Bottom	3.0	0.0	335	23.6	8.2	8.2	32.8	32.8	91.6	91.6	6.4	8.0		8					
						3.0	0.0	328	23.6	8.2	8.2	32.7	32.8	91.5	91.6	6.4	8.0		9					
SR2	Rainy	Moderate	13:48	5.6	Surface	1.0	0.0	67	23.6	23.6	8.2	8.2	32.7	32.7	96.2	96.4	6.8	6.8	5.9	6.1	8	9	821448	814160
						1.0	0.0	66	23.6	8.2	8.2	32.7	32.7	96.5	96.4	6.8	5.8		9					
					Middle	-	0.0	81	-	-	-	-	-	-	-	-	-		-					
						-	0.0	85	-	-	-	-	-	-	-	-	-		-					
					Bottom	4.6	0.0	92	23.6	8.2	8.2	32.7	32.7	97.9	98.3	6.9	6.4		10					
						4.6	0.0	86	23.6	8.2	8.2	32.7	32.7	98.7	98.3	6.9	6.5		10					
SR3	Rainy	Rough	13:36	8.9	Surface	1.0	0.2	19	23.4	23.4	8.1	8.1	29.1	29.1	88.8	88.8	6.4	6.4	8.4	11.3	10	10	822143	807549
						1.0	0.1	13	23.4	8.1	8.1	29.1	29.1	88.8	88.8	6.4	8.4		8					
					Middle	4.5	0.1	21	23.3	8.1	8.1	29.4	29.4	89.3	89.3	6.4	9.7		10					
						4.5	0.1	23	23.3	8.1	8.1	29.4	29.4	89.3	89.3	6.4	9.8		10					
					Bottom	7.9	0.2	16	23.3	8.1	8.1	29.7	29.6	89.7	89.7	6.5	15.6		12					
						7.9	0.1	18	23.3	8.1	8.1	29.6	29.6	89.7	89.7	6.5	15.6		11					
SR4A	Rainy	Moderate	15:12	9.1	Surface	1.0	0.0	71	23.1	23.1	8.2	8.2	29.5	29.5	93.3	93.3	6.8	6.8	8.1	10.5	15	14	817190	807826
						1.0	0.0	68	23.1	8.2	8.2	29.5	29.5	93.3	93.3	6.8	8.2		15					
					Middle	4.6	-	75	23.1	8.2	8.2	29.7	29.7	92.2	92.2	6.7	12.8		14					
						4.6	0.0	73	23.1	8.2	8.2	29.7	29.7	92.2	92.2	6.7	12.9		14					
					Bottom	8.1	0.0	63	23.1	8.2	8.2	30.0	30.0	91.5	91.5	6.6	10.6		14					
						8.1	0.0	70	23.1	8.2	8.2	30.0	30.0	91.5	91.5	6.6	10.6		14					
SR8	Misty	Moderate	13:22	5.0	Surface	1.0	-	-	23.9	23.9	8.3	8.3	32.4	32.4	96.2	96.3	6.7	6.8	7.4	8.1	10	11	820410	811633
						1.0	-	-	23.9	8.3	8.3	32.4	32.4	96.3	96.3	6.8	7.5		10					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-					
						-	-	-	-	-	-	-	-	-	-	-	-		-					
					Bottom	4.0	-	-	23.6	8.3	8.3	32.6	32.6	98.0	98.2	6.9	8.7		11					
						4.0	-	-	23.6	8.3	8.3	32.6	32.6	98.4	98.2	6.9	8.7		11					

DA: Depth-Averaged
 Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
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Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring

Water Quality Monitoring Results on 26 November 22 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	Rough	08:55	7.9	Surface	1.0	0.4	42	23.1	23.1	8.2	8.2	28.9	28.9	92.3	92.3	6.7	6.7	9.6	12.2	11	12	815639	804224
						1.0	0.4	49	23.1	8.2	28.9	92.3	6.7	9.5	11									
					Middle	4.0	0.4	37	23.1	8.2	8.2	29.5	29.5	91.1	91.1	6.6	11.5		12					
						4.0	0.3	36	23.1	8.2	29.5	91.1	6.6	11.5	12									
					Bottom	6.9	0.4	31	23.0	8.2	8.2	30.3	30.3	90.1	90.1	6.5	15.7		12					
						6.9	0.4	33	23.0	8.2	30.3	90.1	6.5	15.6	11									
C2	Cloudy	Moderate	10:26	8.8	Surface	1.0	0.4	340	23.5	23.5	8.1	8.1	29.1	29.1	86.8	86.8	6.3	6.3	10.7	12.5	10	11	825667	806952
						1.0	0.5	340	23.4	8.1	29.1	86.8	6.3	10.7	9									
					Middle	4.4	0.5	345	23.4	8.1	8.1	29.1	29.1	87.1	87.2	6.3	12.6		10					
						4.4	0.5	341	23.4	8.1	29.1	87.2	6.3	12.6	12									
					Bottom	7.8	0.4	14	23.4	8.1	8.1	29.1	29.1	87.7	87.7	6.3	14.3		13					
						7.8	0.4	7	23.4	8.1	29.1	87.7	6.3	14.3	12									
C3	Misty	Moderate	09:34	10.0	Surface	1.0	0.5	270	23.7	23.7	8.2	8.2	33.0	33.0	90.8	90.8	6.4	6.4	8.2	9.3	11	10	822124	817812
						1.0	0.5	264	23.7	8.2	33.0	90.7	6.4	8.2	9									
					Middle	5.0	0.6	250	23.7	8.1	8.1	33.1	33.1	90.3	90.3	6.3	9.5		10					
						5.0	0.6	253	23.7	8.1	33.2	90.3	6.3	9.6	10									
					Bottom	9.0	0.5	266	23.7	8.1	8.1	33.2	33.2	90.3	90.3	6.3	10.0		9					
						9.0	0.6	260	23.7	8.1	33.2	90.3	6.3	10.0	10									
IM1	Cloudy	Moderate	09:26	6.9	Surface	1.0	0.3	26	23.1	23.1	8.2	8.2	29.4	29.4	92.3	92.3	6.7	6.6	10.2	9.9	10	15	818355	806444
						1.0	0.2	29	23.1	8.2	29.4	92.3	6.7	10.3	12									
					Middle	3.5	0.3	12	23.1	8.2	8.2	29.9	29.9	90.3	90.3	6.5	8.8		16					
						3.5	0.3	16	23.1	8.2	29.9	90.3	6.5	8.6	17									
					Bottom	5.9	0.2	0	23.1	8.2	8.2	30.2	30.2	89.6	89.6	6.5	10.6		18					
						5.9	0.3	358	23.1	8.2	30.2	89.6	6.5	10.6	17									
IM2	Cloudy	Moderate	09:32	7.2	Surface	1.0	0.3	3	23.2	23.2	8.2	8.2	29.1	29.1	93.2	93.2	6.7	6.7	7.9	11.0	12	11	819185	806249
						1.0	0.3	7	23.2	8.2	29.1	93.2	6.7	7.9	10									
					Middle	3.6	0.3	6	23.1	8.2	8.2	29.7	29.7	91.6	91.6	6.6	10.6		10					
						3.6	0.2	9	23.1	8.2	29.7	91.6	6.6	10.7	12									
					Bottom	6.2	0.3	341	23.1	8.2	8.2	30.2	30.2	90.8	90.8	6.5	14.5		10					
						6.2	0.3	337	23.1	8.2	30.2	90.8	6.5	14.4	11									
IM7	Cloudy	Moderate	09:52	7.9	Surface	1.0	0.2	348	23.4	23.4	8.1	8.1	29.0	29.0	90.0	90.0	6.5	6.5	7.4	10.9	11	11	821370	806829
						1.0	0.2	341	23.4	8.1	29.0	90.0	6.5	7.4	11									
					Middle	4.0	0.2	350	23.2	8.2	8.2	30.0	30.0	90.5	90.5	6.5	11.7		11					
						4.0	0.2	346	23.2	8.2	30.0	90.5	6.5	11.7	11									
					Bottom	6.9	0.2	334	23.2	8.2	8.2	30.1	30.1	90.7	90.7	6.5	13.8		10					
						6.9	0.2	334	23.2	8.2	30.1	90.7	6.5	13.8	10									

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 26 November 22 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			
IM10	Misty	Moderate	10:35	7.6	Surface	1.0	0.4	304	23.8	23.8	8.2	8.2	31.9	31.9	93.5	93.6	6.6	6.7	7.8	9.1	8	822242	809861		
						1.0	0.4	298	23.8	8.2	8.2	31.9	31.9	93.6	93.6	6.6									
					Middle	3.8	0.4	284	23.7	8.2	8.2	32.3	32.4	94.9	95.1	6.7	6.7							9.2	8
						3.8	0.3	289	23.7	8.2	8.2	32.4	32.4	95.2	95.1	6.7									
					Bottom	6.6	0.4	318	23.6	8.2	8.2	32.5	32.5	96.8	97.1	6.8	6.9							10.1	8
						6.6	0.3	315	23.6	8.2	8.2	32.5	32.5	97.4	97.1	6.9									
IM11	Misty	Moderate	10:30	7.2	Surface	1.0	0.4	296	23.6	23.6	8.2	8.2	32.6	32.6	93.6	93.7	6.6	6.6	7.1	8.2	10	821491	810553		
						1.0	0.5	291	23.6	8.2	8.2	32.6	32.6	93.8	93.7	6.6									
					Middle	3.6	0.4	296	23.6	8.2	8.2	32.7	32.7	94.5	94.6	6.6	6.7							8.3	11
						3.6	0.4	302	23.6	8.2	8.2	32.7	32.7	94.7	94.6	6.7									
					Bottom	6.2	0.5	278	23.6	8.2	8.2	32.7	32.7	96.3	96.5	6.8	6.8							9.0	10
						6.2	0.4	277	23.6	8.2	8.2	32.7	32.7	96.7	96.5	6.8									
IM12	Misty	Moderate	10:25	8.0	Surface	1.0	0.5	289	23.6	23.6	8.2	8.2	32.7	32.7	93.8	93.9	6.6	6.7	6.8	7.5	11	821142	811510		
						1.0	0.5	281	23.6	8.2	8.2	32.7	32.7	93.9	93.9	6.6									
					Middle	4.0	0.4	280	23.6	8.3	8.3	32.7	32.7	94.7	94.9	6.7	6.7							7.2	10
						4.0	0.4	284	23.6	8.3	8.3	32.7	32.7	95.1	94.9	6.7									
					Bottom	7.0	0.4	294	23.6	8.3	8.3	32.7	32.7	95.9	96.1	6.8	6.8							8.6	12
						7.0	0.5	301	23.6	8.3	8.3	32.7	32.7	96.2	96.1	6.8									
SR1A	Misty	Moderate	10:05	5.2	Surface	1.0	0.0	189	23.6	23.6	8.2	8.2	32.4	32.4	94.2	94.3	6.6	6.7	7.1	7.6	10	819972	812663		
						1.0	0.1	183	23.5	8.2	8.2	32.5	32.4	94.3	94.3	6.7									
					Middle	2.6	0.0	186	-	-	-	-	-	-	-	-	6.7							-	-
						2.6	0.0	190	-	-	-	-	-	-	-										
					Bottom	4.2	0.0	208	23.0	8.2	8.2	33.4	33.4	95.9	96.9	6.8	6.9							8.0	10
						4.2	-	211	22.9	8.2	8.2	33.4	33.4	97.9	96.9	6.9									
SR2	Misty	Moderate	09:51	5.8	Surface	1.0	0.2	236	23.6	23.6	8.2	8.2	32.8	32.8	95.5	95.7	6.7	6.7	8.2	8.7	9	821458	814151		
						1.0	0.1	233	23.6	8.2	8.2	32.8	32.8	95.9	95.7	6.7									
					Middle	-	0.2	220	-	-	-	-	-	-	-	-	6.7							-	-
						-	0.2	217	-	-	-	-	-	-	-										
					Bottom	4.8	0.2	248	23.6	8.2	8.2	32.8	32.8	96.6	96.8	6.8	6.8							9.1	9
						4.8	0.2	253	23.6	8.2	8.2	32.8	32.8	96.9	96.8	6.8									
SR3	Cloudy	Moderate	10:02	8.4	Surface	1.0	0.3	328	23.3	23.3	8.1	8.1	29.5	29.5	89.7	89.7	6.5	6.5	8.3	10.2	21	822133	807560		
						1.0	0.3	328	23.3	8.1	8.1	29.5	29.5	89.7	89.7	6.5									
					Middle	4.2	0.3	326	23.2	8.1	8.1	29.9	29.9	89.7	89.7	6.5	6.5							9.7	21
						4.2	0.3	329	23.2	8.1	8.1	29.9	29.9	89.7	89.7	6.5									
					Bottom	7.4	0.3	332	23.2	8.1	8.1	29.9	29.9	89.8	89.9	6.5	6.5							12.6	21
						7.4	0.3	332	23.2	8.1	8.1	29.9	29.9	89.9	89.9	6.5									
SR4A	Cloudy	Moderate	08:16	8.7	Surface	1.0	0.0	190	23.2	23.2	8.2	8.2	29.7	29.7	92.0	92.0	6.6	6.6	10.6	11.8	11	817211	807799		
						1.0	0.1	185	23.2	8.2	8.2	29.7	29.7	92.0	92.0	6.6									
					Middle	4.4	0.1	184	23.1	8.2	8.2	29.9	29.9	90.4	90.4	6.5	6.5							10.7	12
						4.4	0.1	177	23.1	8.2	8.2	29.9	29.9	90.4	90.4	6.5									
					Bottom	7.7	0.1	183	23.0	8.1	8.1	29.9	29.9	90.4	90.4	6.5	6.5							14.1	12
						7.7	0.0	182	23.0	8.1	8.1	29.9	29.9	90.4	90.4	6.5									
SR8	Misty	Moderate	10:20	4.0	Surface	1.0	-	-	23.9	23.9	8.3	8.3	32.3	32.3	93.0	93.1	6.5	6.5	8.0	8.7	11	820384	811618		
						1.0	-	-	23.9	8.3	8.3	32.3	32.3	93.2	93.1	6.5									
					Middle	-	-	-	-	-	-	-	-	-	-	-	6.5							-	-
						-	-	-	-	-	-	-	-	-	-										
					Bottom	3.0	-	-	23.6	8.3	8.3	32.6	32.6	88.5	88.3	6.2	6.2							9.4	9
						3.0	-	-	23.6	8.3	8.3	32.6	32.6	88.0	88.3	6.2									

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

Water Quality Monitoring Results on 29 November 22 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	04:12	8.5	Surface	1.0	0.6	219	24.0	8.3	8.3	28.2	28.2	90.3	90.2	6.5	6.5	12.4	10.3	12	11	815613	804256	
						1.0	0.6	217	23.9	8.3	8.3	28.2	28.2	90.1	90.2	6.5			10.3	12				
					Middle	4.3	0.5	226	23.5	8.3	8.3	28.8	28.8	88.2	88.2	6.4			6.4	12.7				10
						4.3	0.5	222	23.5	8.3	8.3	28.8	28.8	88.2	88.2	6.4			6.4	12.7				11
					Bottom	7.5	0.5	209	23.5	8.3	8.3	28.9	28.9	90.1	90.2	6.5			6.5	14.0				10
						7.5	0.6	205	23.5	8.3	8.3	28.9	28.9	90.3	90.2	6.5			6.5	14.2				10
C2	Cloudy	Moderate	05:26	10.8	Surface	1.0	0.9	169	24.0	8.2	8.2	26.4	26.5	85.7	85.7	6.2	6.2	12.3	10.5	6	6	825691	806966	
						1.0	1.0	167	23.9	8.2	8.2	26.5	26.5	85.6	85.6	6.2			10.8	6				
					Middle	5.4	0.9	171	23.7	8.2	8.2	27.4	27.5	85.5	85.6	6.2			6.2	10.8				6
						5.4	0.9	171	23.7	8.2	8.2	27.5	27.5	85.6	85.6	6.2			6.2	10.9				7
					Bottom	9.8	0.9	153	23.7	8.3	8.3	28.3	28.3	87.9	88.1	6.3			6.4	15.3				7
						9.8	0.9	145	23.7	8.3	8.3	28.3	28.3	88.2	88.1	6.4			6.4	15.4				6
C3	Sunny	Moderate	05:15	10.0	Surface	1.0	0.3	82	24.3	8.2	8.2	28.0	28.3	91.5	91.4	7.6	7.0	6.3	5.1	8	7	822087	817800	
						1.0	0.3	79	24.3	8.2	8.2	28.5	28.3	91.3	91.4	7.6			5.2	8				
					Middle	5.0	0.4	52	24.1	8.1	8.1	31.1	31.1	90.5	90.5	6.4			6.4	6.5				7
						5.0	0.4	56	24.1	8.1	8.1	31.1	31.1	90.5	90.5	6.4			6.4	6.5				6
					Bottom	9.0	0.3	84	24.4	8.1	8.1	31.1	31.0	90.4	90.5	6.3			6.3	7.3				5
						9.0	0.3	79	24.5	8.1	8.1	31.0	31.0	90.6	90.5	6.3			6.3	7.3				6
IM1	Cloudy	Moderate	04:21	6.6	Surface	1.0	0.3	204	23.8	8.2	8.2	28.2	28.2	88.9	88.9	6.4	6.4	9.8	9.9	8	9	818347	806441	
						1.0	0.4	202	23.8	8.2	8.2	28.3	28.2	88.8	88.9	6.4			9.7	7				
					Middle	3.3	0.4	184	23.5	8.2	8.2	28.6	28.6	88.2	88.3	6.4			6.4	8.2				8
						3.3	0.4	184	23.5	8.2	8.2	28.6	28.6	88.3	88.3	6.4			6.4	8.6				10
					Bottom	5.6	0.3	216	23.6	8.1	8.1	28.6	28.5	89.2	89.3	6.4			6.4	11.2				10
						5.6	0.3	208	23.7	8.1	8.1	28.5	28.5	89.3	89.3	6.4			6.4	11.3				10
IM2	Cloudy	Moderate	04:28	6.4	Surface	1.0	0.5	193	23.6	8.2	8.2	28.3	28.3	87.8	87.8	6.3	6.3	9.8	10.4	13	15	819200	806231	
						1.0	0.5	189	23.6	8.2	8.2	28.3	28.3	87.8	87.8	6.3			6.3	10.4				14
					Middle	3.2	0.4	209	23.5	8.2	8.2	28.5	28.5	87.8	87.9	6.3			6.3	9.6				16
						3.2	0.4	202	23.5	8.2	8.2	28.5	28.5	87.9	87.9	6.3			6.3	9.9				15
					Bottom	5.4	0.5	190	23.6	8.2	8.2	28.6	28.6	88.6	88.7	6.4			6.4	9.3				17
						5.4	0.5	197	23.6	8.2	8.2	28.6	28.6	88.8	88.7	6.4			6.4	9.2				16
IM7	Cloudy	Moderate	04:51	7.7	Surface	1.0	0.3	199	24.1	8.2	8.2	25.8	25.8	86.9	86.9	6.3	6.3	9.5	8.6	7	8	821350	806837	
						1.0	0.3	194	24.0	8.2	8.2	25.9	25.8	86.8	86.9	6.3			6.3	8.8				6
					Middle	3.9	0.3	193	24.0	8.2	8.2	26.0	26.1	86.9	87.0	6.3			6.3	9.4				8
						3.9	0.4	195	24.0	8.2	8.2	26.1	26.1	87.0	87.0	6.3			6.3	9.7				7
					Bottom	6.7	0.4	178	24.0	8.3	8.3	26.2	26.2	87.8	88.0	6.4			6.4	10.2				9
						6.7	0.4	174	24.0	8.3	8.3	26.2	26.2	88.1	88.0	6.4			6.4	10.3				10

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

Water Quality Monitoring

Water Quality Monitoring Results on 29 November 22 during Mid-Ebb Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA		
IM10	Sunny	Moderate	06:19	7.6	Surface	1.0	0.5	134	24.8	8.2	8.2	28.6	28.6	90.5	90.5	6.4	6.4	6.4	7.6	8	822255	809859		
						1.0	0.5	127	24.7	8.2	8.2	28.6	28.6	90.5	90.5	6.4								
					Middle	3.8	0.5	130	24.6	8.2	8.2	28.8	28.9	90.6	90.7	6.4								
						3.8	0.5	130	24.5	8.2	8.2	28.9	28.9	90.7	90.7	6.4								
					Bottom	6.6	0.6	143	24.2	8.2	8.2	29.2	29.0	91.0	91.3	6.5								
						6.6	0.6	141	24.2	8.2	8.2	28.9	29.0	91.5	91.3	6.5								
IM11	Sunny	Moderate	06:12	7.0	Surface	1.0	0.5	109	24.5	8.2	8.2	29.6	29.6	90.4	90.4	6.4	6.4	6.4	7.3	8	821497	810568		
						1.0	0.5	111	24.4	8.2	8.2	29.6	29.6	90.4	90.4	6.4								
					Middle	3.5	0.5	120	24.4	8.2	8.2	29.7	29.8	90.4	90.4	6.4								
						3.5	0.5	120	24.3	8.2	8.2	29.8	29.8	90.4	90.4	6.4								
					Bottom	6.0	0.5	84	24.1	8.2	8.2	30.0	30.0	90.4	90.6	6.4								
						6.0	0.5	79	24.1	8.2	8.2	30.0	30.0	90.7	90.6	6.4								
IM12	Sunny	Moderate	06:08	8.0	Surface	1.0	0.6	94	24.3	8.2	8.2	30.4	30.4	90.3	90.3	6.4	6.4	6.4	6.6	7	821162	811538		
						1.0	0.6	96	24.2	8.2	8.2	30.5	30.4	90.2	90.3	6.4								
					Middle	4.0	0.6	125	24.1	8.2	8.2	30.8	30.9	90.2	90.3	6.4								
						4.0	0.6	128	24.1	8.2	8.2	31.0	30.9	90.3	90.3	6.4								
					Bottom	7.0	0.6	102	24.1	8.2	8.2	31.1	31.1	90.9	91.0	6.4								
						7.0	0.6	103	24.1	8.2	8.2	31.1	31.1	91.0	91.0	6.4								
SR1A	Sunny	Moderate	05:43	5.2	Surface	1.0	0.1	82	24.7	8.2	8.2	29.8	29.8	91.0	91.0	6.4	6.4	6.4	5.8	7	819976	812657		
						1.0	0.1	80	24.8	8.2	8.2	29.9	29.8	91.0	91.0	6.4								
					Middle	2.6	0.1	81	-	-	-	-	-	-	-	-								
						2.6	0.0	74	-	-	-	-	-	-	-	-								
					Bottom	4.2	-	82	25.0	8.2	8.2	30.0	29.7	90.9	91.0	6.3								
						4.2	0.0	80	25.1	8.2	8.2	29.5	29.7	91.1	91.0	6.4								
SR2	Sunny	Moderate	05:32	5.8	Surface	1.0	0.7	31	24.4	8.2	8.2	30.5	30.5	91.8	92.1	6.5	6.5	6.5	8.0	6	821486	814170		
						1.0	0.8	30	24.4	8.2	8.2	30.5	30.5	92.3	92.1	6.5								
					Middle	-	0.8	51	-	-	-	-	-	-	-	-								
						-	0.8	48	-	-	-	-	-	-	-	-								
					Bottom	4.8	0.7	49	24.8	8.2	8.2	30.6	30.3	93.8	94.0	6.5								
						4.8	0.8	50	24.9	8.2	8.2	30.0	30.3	94.2	94.0	6.6								
SR3	Cloudy	Moderate	04:57	8.8	Surface	1.0	0.7	177	24.4	8.1	8.1	25.3	25.3	87.8	87.8	6.3	6.3	6.3	8.1	6	822130	807559		
						1.0	0.7	173	24.5	8.1	8.1	25.3	25.3	87.8	87.8	6.3								
					Middle	4.4	0.6	169	23.9	8.2	8.2	26.4	26.4	86.1	86.2	6.2								
						4.4	0.7	168	23.9	8.2	8.2	26.4	26.4	86.3	86.2	6.3								
					Bottom	7.8	0.6	160	24.2	8.2	8.2	26.3	26.2	87.8	88.0	6.3								
						7.8	0.6	157	24.4	8.2	8.2	26.2	26.2	88.2	88.0	6.4								
SR4A	Cloudy	Moderate	03:56	8.4	Surface	1.0	0.1	71	23.9	8.2	8.2	29.2	29.2	87.7	87.7	6.3	6.3	6.3	12.0	14	817194	807806		
						1.0	0.1	72	23.9	8.2	8.2	29.2	29.2	87.7	87.7	6.3								
					Middle	4.2	0.0	72	23.8	8.2	8.2	29.2	29.2	87.5	87.5	6.3								
						4.2	0.0	76	23.8	8.2	8.2	29.2	29.2	87.5	87.5	6.3								
					Bottom	7.4	0.0	93	23.7	8.1	8.1	29.1	29.1	87.9	87.9	6.3								
						7.4	0.0	91	23.7	8.1	8.1	29.1	29.1	87.9	87.9	6.3								
SR8	Sunny	Moderate	06:01	5.0	Surface	1.0	-	-	24.3	8.2	8.2	29.6	29.7	90.2	90.3	6.4	6.4	6.4	7.6	10	820392	811608		
						1.0	-	-	24.2	8.2	8.2	29.7	29.7	90.3	90.3	6.4								
					Middle	-	-	-	-	-	-	-	-	-	-	-								
						-	-	-	-	-	-	-	-	-	-	-								
					Bottom	4.0	-	-	24.2	8.2	8.2	29.8	29.7	91.0	91.2	6.4								
						4.0	-	-	24.2	8.2	8.2	29.6	29.6	91.3	91.2	6.5								

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

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

Water Quality Monitoring Results on 29 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA
C1	Sunny	Moderate	16:30	7.8	Surface	1.0	0.1	51	23.6	23.6	8.4	8.4	28.4	28.5	90.0	90.0	6.5	6.5	6.5	6.5	10.4	12.2	8	8	815623	804269
						1.0	0.1	53	23.5	8.4	8.4	28.6	28.5	89.9	90.0	6.5	6.5	6.5	6.5	10.7	12.2	7	8			
					Middle	3.9	0.1	34	23.3	23.3	8.4	8.4	29.3	29.4	89.9	90.0	6.5	6.5	6.5	6.5	14.2	12.2	8	8		
						3.9	0.0	35	23.3	23.3	8.4	8.4	29.4	29.4	90.0	90.0	6.5	6.5	6.5	6.5	15.0	12.2	8	8		
					Bottom	6.8	0.1	59	23.3	23.3	8.4	8.4	29.5	29.4	90.7	90.8	6.5	6.5	6.5	6.5	11.8	12.2	8	8		
						6.8	0.1	55	23.3	23.3	8.4	8.4	29.4	29.4	90.8	90.8	6.5	6.5	6.5	6.5	11.2	12.2	8	8		
C2	Sunny	Moderate	15:19	11.2	Surface	1.0	0.2	344	24.2	24.2	8.2	8.2	26.2	26.2	86.1	86.1	6.2	6.2	6.2	6.2	8.9	11.6	9	8	825703	806926
						1.0	0.1	351	24.1	24.2	8.2	8.2	26.3	26.2	86.0	86.1	6.2	6.2	6.2	6.2	8.9	11.6	8	8		
					Middle	5.6	0.1	354	23.8	23.8	8.3	8.3	27.0	27.0	85.7	85.8	6.2	6.2	6.2	6.2	12.1	11.6	8	8		
						5.6	0.1	352	23.7	23.8	8.3	8.3	27.0	27.0	85.8	85.8	6.2	6.2	6.2	6.2	12.9	11.6	7	8		
					Bottom	10.2	0.1	7	23.6	23.6	8.3	8.3	29.0	29.0	87.3	87.4	6.3	6.3	6.3	6.3	13.3	11.6	7	8		
						10.2	0.1	6	23.6	23.6	8.3	8.3	29.0	29.0	87.4	87.4	6.3	6.3	6.3	6.3	13.6	11.6	7	8		
C3	Sunny	Moderate	17:08	11.2	Surface	1.0	0.1	90	24.0	24.0	8.2	8.2	32.3	32.3	88.9	88.9	6.2	6.2	6.2	6.2	5.6	6.4	6	6	822086	817807
						1.0	0.1	95	24.0	24.0	8.2	8.2	32.4	32.3	88.9	88.9	6.2	6.2	6.2	6.2	5.5	6.4	5	6		
					Middle	5.6	0.2	81	23.9	23.9	8.2	8.2	32.6	32.6	89.0	89.1	6.2	6.2	6.2	6.2	6.3	6.4	6	6		
						5.6	0.1	87	23.9	23.9	8.2	8.2	32.6	32.6	89.2	89.1	6.3	6.3	6.3	6.3	6.3	6.4	6	6		
					Bottom	10.2	0.2	100	23.9	23.9	8.2	8.2	32.7	32.7	90.2	90.5	6.3	6.4	6.3	6.4	7.3	6.4	6	6		
						10.2	0.2	100	23.9	23.9	8.2	8.2	32.7	32.7	90.8	90.5	6.4	6.4	6.4	6.4	7.5	6.4	6	6		
IM1	Sunny	Moderate	16:17	6.5	Surface	1.0	0.1	30	23.9	23.9	8.3	8.3	28.6	28.6	88.1	88.1	6.3	6.3	6.3	6.3	12.8	12.4	9	8	818371	806438
						1.0	0.2	36	23.9	23.9	8.3	8.3	28.6	28.6	88.1	88.1	6.3	6.3	6.3	6.3	12.6	12.4	9	8		
					Middle	3.3	0.1	39	23.5	23.5	8.3	8.3	29.1	29.1	87.8	87.9	6.3	6.3	6.3	6.3	12.3	12.4	8	8		
						3.3	0.1	38	23.5	23.5	8.3	8.3	29.1	29.1	88.0	88.0	6.3	6.3	6.3	6.3	12.2	12.4	9	8		
					Bottom	5.5	0.1	19	23.4	23.5	8.3	8.3	29.2	29.2	88.5	88.7	6.4	6.4	6.4	6.4	12.4	12.4	6	6		
						5.5	0.1	22	23.5	23.5	8.3	8.3	29.2	29.2	88.8	88.8	6.4	6.4	6.4	6.4	12.3	12.4	5	6		
IM2	Sunny	Moderate	16:12	6.8	Surface	1.0	0.1	29	23.6	23.6	8.4	8.4	28.7	28.7	87.4	87.4	6.3	6.3	6.3	6.3	11.0	13.5	5	6	819200	806243
						1.0	0.1	35	23.6	23.6	8.4	8.4	28.7	28.7	87.3	87.4	6.3	6.3	6.3	6.3	10.2	13.5	6	6		
					Middle	3.4	0.1	36	23.5	23.5	8.4	8.4	29.1	29.1	87.9	88.0	6.3	6.3	6.3	6.3	12.3	13.5	6	6		
						3.4	0.1	42	23.5	23.5	8.4	8.4	29.1	29.1	88.1	88.0	6.3	6.3	6.3	6.3	12.2	13.5	6	6		
					Bottom	5.8	0.1	25	23.5	23.5	8.4	8.4	29.2	29.2	88.8	88.9	6.4	6.4	6.4	6.4	17.1	13.5	7	6		
						5.8	0.1	18	23.5	23.5	8.4	8.4	29.2	29.2	89.0	88.9	6.4	6.4	6.4	6.4	17.9	13.5	6	6		
IM7	Sunny	Moderate	15:51	7.8	Surface	1.0	0.2	49	24.6	24.6	8.2	8.2	25.4	25.4	89.9	89.9	6.5	6.5	6.5	6.5	6.5	10.5	6	6	821342	806835
						1.0	0.2	43	24.6	24.6	8.2	8.2	25.4	25.4	89.9	89.9	6.5	6.5	6.5	6.5	6.6	10.5	6	6		
					Middle	3.9	0.2	46	24.0	24.0	8.3	8.3	27.6	27.7	89.3	89.4	6.4	6.4	6.4	6.4	10.7	10.5	5	6		
						3.9	0.1	42	24.0	24.0	8.3	8.3	27.7	27.7	89.4	89.4	6.4	6.4	6.4	6.4	11.1	10.5	6	6		
					Bottom	6.8	0.2	55	23.9	23.9	8.3	8.3	28.3	28.3	90.3	90.4	6.5	6.5	6.5	6.5	14.0	10.5	6	6		
						6.8	0.3	56	23.9	23.9	8.3	8.3	28.3	28.3	90.5	90.4	6.5	6.5	6.5	6.5	14.0	10.5	6	6		

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

Water Quality Monitoring

Water Quality Monitoring Results on 29 November 22 during Mid-Flood Tide

Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA			Value	DA	
IM10	Sunny	Moderate	15:20	8.2	Surface	1.0	0.2	299	<u>24.4</u>	24.4	8.2	8.2	<u>29.1</u>	29.2	<u>89.4</u>	89.6	6.3	6.4	3.4	4.4	7	7	822216	809826			
						1.0	0.2	299	24.4		8.2		<u>29.2</u>		89.7		6.3		3.4		6						
					Middle	4.1	0.2	328	<u>24.4</u>	24.4	8.2	8.2	<u>29.5</u>	29.5	<u>90.2</u>	90.4	6.4	6.4	4.3	6.4	7	6.4			7		
						4.1	0.1	326	24.4		8.2		<u>29.6</u>		90.5		6.4		4.3		6						
					Bottom	7.2	0.2	289	<u>24.4</u>	24.4	8.2	8.2	<u>29.6</u>	29.4	<u>91.0</u>	91.3	6.4	6.5	5.6	6.5	5.6	6.5			5.6	6.5	9
						7.2	0.2	287	24.4		8.2		<u>29.2</u>		91.5		6.5		5.6		8						
IM11	Sunny	Moderate	15:27	7.0	Surface	1.0	0.1	286	<u>24.3</u>	24.3	8.2	8.2	<u>31.1</u>	31.1	<u>90.4</u>	90.5	6.3	6.4	5.8	6.5	5	6	821500	810542			
						1.0	0.2	286	24.3		8.2		<u>31.1</u>		90.5		6.3		5.7		6						
					Middle	3.5	0.1	316	<u>24.3</u>	24.3	8.2	8.2	<u>31.1</u>	31.1	<u>90.8</u>	90.9	6.4	6.4	6.1	6.4	6.1	6.4			6		
						3.5	0.1	312	24.3		8.2		<u>31.1</u>		91.0		6.4		6.2		5						
					Bottom	6.0	0.1	316	<u>24.3</u>	24.3	8.2	8.2	<u>31.2</u>	31.1	<u>91.8</u>	92.0	6.4	6.5	7.6	6.5	7.6	6.5			6		
						6.0	0.1	309	24.3		8.2		<u>31.1</u>		92.1		6.5		7.7		6						
IM12	Sunny	Moderate	15:34	6.2	Surface	1.0	0.1	286	<u>24.3</u>	24.3	8.2	8.2	<u>31.0</u>	31.1	<u>90.5</u>	90.5	6.3	6.4	6.1	7.4	5	5	821159	811496			
						1.0	0.1	287	24.3		8.2		<u>31.1</u>		90.5		6.3		6.1		5						
					Middle	3.1	0.1	302	<u>24.3</u>	24.3	8.2	8.2	<u>31.1</u>	31.1	<u>90.9</u>	91.0	6.4	6.4	7.7	6.4	7.7	6.4			5		
						3.1	0.1	294	24.3		8.2		<u>31.1</u>		91.1		6.4		7.6		5						
					Bottom	5.2	0.2	311	<u>24.3</u>	24.3	8.2	8.2	<u>31.1</u>	31.1	<u>91.9</u>	92.2	6.4	6.5	8.4	6.5	8.4	6.5			6		
						5.2	0.1	315	24.3		8.2		<u>31.1</u>		92.4		6.5		8.5		6						
SR1A	Sunny	Moderate	16:22	4.8	Surface	1.0	0.0	349	<u>24.4</u>	24.4	8.2	8.2	<u>30.9</u>	30.9	<u>91.7</u>	91.8	6.4	6.4	6.8	7.1	8	6	819972	812653			
						1.0	0.0	345	24.4		8.2		<u>31.0</u>		91.9		6.4		6.8		7						
					Middle	2.4	0.0	358	-	-	-	-	-	-	-	-	-	6.4	-	6.4	-	7.1			-		
						2.4	-	-	-		-		-		-		-		-		-						
					Bottom	3.8	0.0	335	<u>24.4</u>	24.4	8.2	8.2	<u>31.0</u>	31.0	<u>93.6</u>	93.6	6.6	6.6	7.4	6.6	7.4	6.6			5		
						3.8	0.1	334	24.4		8.2		<u>30.9</u>		93.5		6.6		7.5		5						
SR2	Sunny	Moderate	16:53	5.8	Surface	1.0	0.1	119	<u>24.5</u>	24.5	8.2	8.2	<u>31.1</u>	31.1	<u>93.9</u>	94.0	6.6	6.6	3.6	4.2	8	9	821459	814142			
						1.0	0.1	113	24.5		8.2		<u>31.1</u>		94.1		6.6		3.5		9						
					Middle	-	0.1	115	-	-	-	-	-	-	-	-	-	6.6	-	6.6	-	4.2			-		
						-	0.1	113	-		-		-		-		-		-								
					Bottom	4.8	0.0	126	<u>24.5</u>	24.5	8.2	8.2	<u>31.1</u>	31.0	<u>94.7</u>	94.5	6.6	6.6	4.9	6.6	4.9	6.6			10		
						4.8	0.1	123	24.5		8.2		<u>31.0</u>		94.3		6.6		4.9		9						
SR3	Sunny	Moderate	15:45	8.4	Surface	1.0	0.2	15	<u>24.3</u>	24.3	8.3	8.3	<u>25.8</u>	25.8	<u>88.4</u>	88.4	6.4	6.4	9.1	12.0	9	8	822141	807583			
						1.0	0.2	9	<u>24.2</u>		8.3		<u>25.9</u>		88.4		6.4		9.8		10						
					Middle	4.2	0.2	23	<u>24.0</u>	24.0	8.3	8.3	<u>26.2</u>	26.2	<u>88.6</u>	88.6	6.4	6.4	13.7	6.4	13.7	6.4			8		
						4.2	0.2	25	24.0		8.3		<u>26.2</u>		88.6		6.4		13.8		8						
					Bottom	7.4	0.2	9	<u>24.0</u>	24.1	8.3	8.3	<u>28.3</u>	28.3	<u>88.7</u>	88.8	6.4	6.4	13.2	6.4	13.2	6.4			6		
						7.4	0.2	14	24.1		8.3		<u>28.2</u>		88.8		6.4		12.5		7						
SR4A	Sunny	Moderate	16:55	9.2	Surface	1.0	0.0	97	<u>24.4</u>	24.4	8.3	8.3	<u>28.7</u>	28.7	<u>92.9</u>	92.9	6.6	6.6	8.2	10.5	8	7	817200	807800			
						1.0	0.0	93	24.4		8.3		<u>28.7</u>		92.8		6.6		8.3		8						
					Middle	4.6	0.0	93	<u>24.0</u>	24.0	8.3	8.3	<u>28.9</u>	28.9	<u>91.6</u>	91.7	6.5	6.5	11.5	6.5	11.5	6.5			7		
						4.6	0.0	98	24.0		8.3		<u>28.9</u>		91.7		6.5		11.5		7						
					Bottom	8.2	0.0	101	<u>24.0</u>	24.0	8.3	8.3	<u>28.9</u>	28.9	<u>92.5</u>	92.6	6.6	6.6	11.9	6.6	11.9	6.6			7		
						8.2	0.0	101	24.0		8.3		<u>28.9</u>		92.6		6.6		11.7		7						
SR8	Sunny	Moderate	15:41	4.6	Surface	1.0	-	-	<u>24.3</u>	24.3	8.2	8.2	<u>31.0</u>	31.0	<u>91.9</u>	92.0	6.5	6.5	5.9	5.9	7	7	820409	811637			
						1.0	-	-	24.2		8.2		<u>31.0</u>		92.1		6.5		5.8		7						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	6.5	-	5.9			-		
						-	-	-	-		-		-		-		-		-								
					Bottom	3.6	-	-	<u>24.1</u>	24.2	8.2	8.2	<u>31.1</u>	31.0	<u>92.8</u>	92.9	6.5	6.5	6.0	6.5	6.0	6.5			8		
						3.6	-	-	24.2		8.2		<u>30.9</u>		93.0		6.5		6.1		7						

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

Chinese White Dolphin Monitoring Results

CWD Small Vessel Line-transect Survey

Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
05-Sep-22	NWL	2	4.260	AUTUMN	32166	3RS ET	P
05-Sep-22	NWL	3	59.410	AUTUMN	32166	3RS ET	P
05-Sep-22	NWL	3	11.830	AUTUMN	32166	3RS ET	S
06-Sep-22	SWL	2	32.266	AUTUMN	32166	3RS ET	P
06-Sep-22	SWL	3	14.290	AUTUMN	32166	3RS ET	P
06-Sep-22	SWL	4	4.930	AUTUMN	32166	3RS ET	P
06-Sep-22	SWL	2	9.989	AUTUMN	32166	3RS ET	S
06-Sep-22	SWL	3	3.100	AUTUMN	32166	3RS ET	S
06-Sep-22	SWL	4	1.060	AUTUMN	32166	3RS ET	S
08-Sep-22	NEL	2	37.420	AUTUMN	32166	3RS ET	P
08-Sep-22	NEL	2	9.580	AUTUMN	32166	3RS ET	S
09-Sep-22	NWL	2	60.720	AUTUMN	32166	3RS ET	P
09-Sep-22	NWL	2	12.700	AUTUMN	32166	3RS ET	S
14-Sep-22	SWL	2	39.365	AUTUMN	32166	3RS ET	P
14-Sep-22	SWL	3	14.270	AUTUMN	32166	3RS ET	P
14-Sep-22	SWL	2	8.365	AUTUMN	32166	3RS ET	S
14-Sep-22	SWL	3	7.270	AUTUMN	32166	3RS ET	S
19-Sep-22	AW	2	4.810	AUTUMN	32166	3RS ET	P
19-Sep-22	WL	2	15.142	AUTUMN	32166	3RS ET	P
19-Sep-22	WL	3	4.527	AUTUMN	32166	3RS ET	P
19-Sep-22	WL	2	7.648	AUTUMN	32166	3RS ET	S
19-Sep-22	WL	3	1.973	AUTUMN	32166	3RS ET	S
20-Sep-22	AW	3	4.890	AUTUMN	32166	3RS ET	P
20-Sep-22	WL	2	9.992	AUTUMN	32166	3RS ET	P
20-Sep-22	WL	3	7.720	AUTUMN	32166	3RS ET	P
20-Sep-22	WL	4	2.060	AUTUMN	32166	3RS ET	P
20-Sep-22	WL	2	7.128	AUTUMN	32166	3RS ET	S
20-Sep-22	WL	3	3.000	AUTUMN	32166	3RS ET	S
20-Sep-22	WL	4	1.100	AUTUMN	32166	3RS ET	S
21-Sep-22	NEL	2	1.300	AUTUMN	32166	3RS ET	P
21-Sep-22	NEL	3	29.290	AUTUMN	32166	3RS ET	P
21-Sep-22	NEL	4	7.080	AUTUMN	32166	3RS ET	P
21-Sep-22	NEL	3	8.100	AUTUMN	32166	3RS ET	S
21-Sep-22	NEL	4	0.930	AUTUMN	32166	3RS ET	S
03-Oct-22	AW	2	4.950	AUTUMN	32166	3RS ET	P
03-Oct-22	WL	2	13.331	AUTUMN	32166	3RS ET	P
03-Oct-22	WL	3	6.143	AUTUMN	32166	3RS ET	P
03-Oct-22	WL	2	6.235	AUTUMN	32166	3RS ET	S
03-Oct-22	WL	3	2.682	AUTUMN	32166	3RS ET	S
07-Oct-22	NEL	2	7.950	AUTUMN	32166	3RS ET	P
07-Oct-22	NEL	3	28.710	AUTUMN	32166	3RS ET	P
07-Oct-22	NEL	2	5.340	AUTUMN	32166	3RS ET	S
07-Oct-22	NEL	3	5.400	AUTUMN	32166	3RS ET	S
11-Oct-22	NWL	3	51.620	AUTUMN	32166	3RS ET	P
11-Oct-22	NWL	4	12.480	AUTUMN	32166	3RS ET	P

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
11-Oct-22	NWL	3	11.700	AUTUMN	32166	3RS ET	S
17-Oct-22	NEL	2	3.700	AUTUMN	32166	3RS ET	P
17-Oct-22	NEL	3	29.010	AUTUMN	32166	3RS ET	P
17-Oct-22	NEL	4	4.400	AUTUMN	32166	3RS ET	P
17-Oct-22	NEL	2	2.000	AUTUMN	32166	3RS ET	S
17-Oct-22	NEL	3	5.990	AUTUMN	32166	3RS ET	S
17-Oct-22	NEL	4	1.900	AUTUMN	32166	3RS ET	S
19-Oct-22	NWL	2	3.000	AUTUMN	32166	3RS ET	P
19-Oct-22	NWL	3	55.820	AUTUMN	32166	3RS ET	P
19-Oct-22	NWL	4	4.880	AUTUMN	32166	3RS ET	P
19-Oct-22	NWL	2	1.900	AUTUMN	32166	3RS ET	S
19-Oct-22	NWL	3	9.600	AUTUMN	32166	3RS ET	S
20-Oct-22	WL	2	2.923	AUTUMN	32166	3RS ET	P
20-Oct-22	WL	3	17.160	AUTUMN	32166	3RS ET	P
20-Oct-22	WL	2	2.614	AUTUMN	32166	3RS ET	S
20-Oct-22	WL	3	7.390	AUTUMN	32166	3RS ET	S
20-Oct-22	AW	3	4.870	AUTUMN	32166	3RS ET	P
24-Oct-22	SWL	4	39.360	AUTUMN	32166	3RS ET	P
24-Oct-22	SWL	5	14.879	AUTUMN	32166	3RS ET	P
24-Oct-22	SWL	3	1.400	AUTUMN	32166	3RS ET	S
24-Oct-22	SWL	4	6.610	AUTUMN	32166	3RS ET	S
24-Oct-22	SWL	5	6.751	AUTUMN	32166	3RS ET	S
27-Oct-22	SWL	3	41.851	AUTUMN	32166	3RS ET	P
27-Oct-22	SWL	4	11.520	AUTUMN	32166	3RS ET	P
27-Oct-22	SWL	3	13.879	AUTUMN	32166	3RS ET	S
27-Oct-22	SWL	4	2.000	AUTUMN	32166	3RS ET	S
07-Nov-22	NEL	2	37.270	AUTUMN	32166	3RS ET	P
07-Nov-22	NEL	2	9.330	AUTUMN	32166	3RS ET	S
09-Nov-22	AW	2	4.83	AUTUMN	32166	3RS ET	P
09-Nov-22	WL	2	19.620	AUTUMN	32166	3RS ET	P
09-Nov-22	WL	2	9.450	AUTUMN	32166	3RS ET	S
10-Nov-22	SWL	2	53.970	AUTUMN	32166	3RS ET	P
10-Nov-22	SWL	2	16.030	AUTUMN	32166	3RS ET	S
11-Nov-22	NWL	2	57.080	AUTUMN	32166	3RS ET	P
11-Nov-22	NWL	3	1.800	AUTUMN	32166	3RS ET	P
11-Nov-22	NWL	2	16.600	AUTUMN	32166	3RS ET	S
14-Nov-22	NEL	2	37.010	AUTUMN	32166	3RS ET	P
14-Nov-22	NEL	2	9.400	AUTUMN	32166	3RS ET	S
17-Nov-22	AW	2	4.870	AUTUMN	32166	3RS ET	P
17-Nov-22	WL	2	16.517	AUTUMN	32166	3RS ET	P
17-Nov-22	WL	3	2.199	AUTUMN	32166	3RS ET	P
17-Nov-22	WL	2	9.653	AUTUMN	32166	3RS ET	S
17-Nov-22	WL	3	1.121	AUTUMN	32166	3RS ET	S
18-Nov-22	SWL	2	34.800	AUTUMN	32166	3RS ET	P
18-Nov-22	SWL	3	18.740	AUTUMN	32166	3RS ET	P
18-Nov-22	SWL	2	8.780	AUTUMN	32166	3RS ET	S
18-Nov-22	SWL	3	7.120	AUTUMN	32166	3RS ET	S
21-Nov-22	NWL	2	36.350	AUTUMN	32166	3RS ET	P
21-Nov-22	NWL	3	27.650	AUTUMN	32166	3RS ET	P

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
21-Nov-22	NWL	2	2.100	AUTUMN	32166	3RS ET	S
21-Nov-22	NWL	3	9.500	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
06-Sep-22	1	1028	FP	3	SWL	2	143	ON	3RS ET	22.2171	113.9358	AUTUMN	NONE	P
06-Sep-22	2	1036	FP	2	SWL	2	275	ON	3RS ET	22.2029	113.9361	AUTUMN	NONE	P
06-Sep-22	3	1039	FP	5	SWL	2	370	ON	3RS ET	22.1981	113.9363	AUTUMN	NONE	P
06-Sep-22	4	1046	FP	14	SWL	2	235	ON	3RS ET	22.1842	113.9364	AUTUMN	NONE	P
06-Sep-22	5	1048	FP	5	SWL	2	157	ON	3RS ET	22.1828	113.9364	AUTUMN	NONE	P
06-Sep-22	6	1056	FP	1	SWL	2	147	ON	3RS ET	22.1686	113.9358	AUTUMN	NONE	P
06-Sep-22	7	1100	FP	2	SWL	2	137	ON	3RS ET	22.1624	113.9360	AUTUMN	NONE	P
06-Sep-22	8	1103	FP	3	SWL	2	22	ON	3RS ET	22.1594	113.9357	AUTUMN	NONE	P
06-Sep-22	9	1120	CWD	2	SWL	2	113	ON	3RS ET	22.1563	113.9275	AUTUMN	NONE	P
06-Sep-22	10	1135	FP	9	SWL	2	32	ON	3RS ET	22.1707	113.9277	AUTUMN	NONE	P
06-Sep-22	11	1137	FP	12	SWL	2	551	ON	3RS ET	22.1725	113.9287	AUTUMN	NONE	P
06-Sep-22	12	1158	CWD	4	SWL	2	1022	ON	3RS ET	22.2000	113.9173	AUTUMN	NONE	P
06-Sep-22	13	1225	FP	1	SWL	2	72	ON	3RS ET	22.1715	113.9190	AUTUMN	NONE	P
06-Sep-22	14	1248	FP	3	SWL	2	127	ON	3RS ET	22.1508	113.9081	AUTUMN	NONE	P
06-Sep-22	15	1309	CWD	6	SWL	2	741	ON	3RS ET	22.1637	113.9039	AUTUMN	NONE	S
06-Sep-22	16	1431	CWD	1	SWL	2	114	ON	3RS ET	22.1980	113.8879	AUTUMN	NONE	P
09-Sep-22	1	0952	CWD	1	NWL	2	569	ON	3RS ET	22.3771	113.8701	AUTUMN	NONE	P
09-Sep-22	2	1205	CWD	2	NWL	2	1048	ON	3RS ET	22.3862	113.8881	AUTUMN	NONE	P
14-Sep-22	1	1056	FP	5	SWL	2	270	ON	3RS ET	22.1846	113.9354	AUTUMN	NONE	P
14-Sep-22	2	1110	FP	2	SWL	2	179	ON	3RS ET	22.1548	113.9356	AUTUMN	NONE	P
14-Sep-22	3	1126	FP	1	SWL	2	125	ON	3RS ET	22.1641	113.9281	AUTUMN	NONE	P
14-Sep-22	4	1152	FP	2	SWL	2	111	ON	3RS ET	22.1946	113.9177	AUTUMN	NONE	P
14-Sep-22	5	1227	FP	3	SWL	3	5	ON	3RS ET	22.1541	113.9063	AUTUMN	NONE	P
19-Sep-22	1	1043	CWD	4	WL	2	233	ON	3RS ET	22.2606	113.8419	AUTUMN	NONE	P
19-Sep-22	2	1157	CWD	5	WL	3	386	ON	3RS ET	22.2045	113.8357	AUTUMN	NONE	P
19-Sep-22	3	1230	CWD	5	WL	3	308	ON	3RS ET	22.1957	113.8343	AUTUMN	NONE	P
20-Sep-22	1	1054	CWD	2	WL	2	505	ON	3RS ET	22.2502	113.8471	AUTUMN	NONE	P
03-Oct-22	1	1052	CWD	1	WL	2	1260	ON	3RS ET	22.2556	113.8359	AUTUMN	NONE	S
03-Oct-22	2	1114	CWD	2	WL	2	1016	ON	3RS ET	22.2418	113.8335	AUTUMN	NONE	P
03-Oct-22	3	1125	CWD	3	WL	2	91	ON	3RS ET	22.2374	113.8260	AUTUMN	NONE	S
03-Oct-22	4	1130	CWD	5	WL	2	497	ON	3RS ET	22.2356	113.8262	AUTUMN	NONE	S
03-Oct-22	5	1210	CWD	3	WL	3	16	ON	3RS ET	22.2214	113.8202	AUTUMN	NONE	S

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
03-Oct-22	6	1236	CWD	6	WL	2	838	ON	3RS ET	22.2058	113.8297	AUTUMN	NONE	P
03-Oct-22	7	1300	CWD	4	WL	3	98	ON	3RS ET	22.2036	113.8226	AUTUMN	NONE	S
03-Oct-22	8	1323	CWD	2	WL	3	450	ON	3RS ET	22.1879	113.8359	AUTUMN	NONE	P
20-Oct-22	1	1054	CWD	2	WL	3	210	ON	3RS ET	22.2417	113.8383	AUTUMN	NONE	P
20-Oct-22	2	1124	CWD	5	WL	3	411	ON	3RS ET	22.2326	113.8370	AUTUMN	NONE	P
20-Oct-22	3	1200	CWD	3	WL	2	266	ON	3RS ET	22.2263	113.8373	AUTUMN	NONE	S
24-Oct-22	1	1150	FP	1	SWL	5	172	ON	3RS ET	22.1787	113.9215	AUTUMN	NONE	S
27-Oct-22	1	1151	FP	2	SWL	3	137	ON	3RS ET	22.1780	113.9211	AUTUMN	NONE	S
27-Oct-22	2	1210	FP	1	SWL	3	427	ON	3RS ET	22.1428	113.9146	AUTUMN	NONE	S
27-Oct-22	3	1403	CWD	1	SWL	3	7	ON	3RS ET	22.1909	113.8781	AUTUMN	NONE	P
09-Nov-22	1	1001	CWD	2	WL	2	189	ON	3RS ET	22.2992	113.8612	AUTUMN	NONE	P
09-Nov-22	2	1138	CWD	1	WL	2	139	ON	3RS ET	22.2239	113.8248	AUTUMN	NONE	P
09-Nov-22	3	1209	CWD	3	WL	2	84	ON	3RS ET	22.2026	113.8231	AUTUMN	NONE	S
09-Nov-22	4	1235	CWD	1	WL	2	760	ON	3RS ET	22.1873	113.8394	AUTUMN	NONE	P
10-Nov-22	1	1338	FP	1	SWL	2	2	ON	3RS ET	22.1833	113.8877	AUTUMN	NONE	P
11-Nov-22	1	0947	CWD	1	NWL	2	222	ON	3RS ET	22.3847	113.8707	AUTUMN	NONE	P
17-Nov-22	1	1031	CWD	7	WL	2	188	ON	3RS ET	22.2612	113.8457	AUTUMN	NONE	P
17-Nov-22	2	1119	CWD	2	WL	2	18	ON	3RS ET	22.2318	113.8288	AUTUMN	NONE	P
17-Nov-22	3	1141	CWD	1	WL	2	50	ON	3RS ET	22.2235	113.8297	AUTUMN	NONE	P
17-Nov-22	4	1202	CWD	2	WL	2	110	ON	3RS ET	22.2147	113.8255	AUTUMN	NONE	P
17-Nov-22	5	1234	CWD	1	WL	2	83	ON	3RS ET	22.2048	113.8332	AUTUMN	NONE	P
17-Nov-22	6	1300	CWD	2	WL	3	145	ON	3RS ET	22.1960	113.8392	AUTUMN	NONE	P
18-Nov-22	1	1034	FP	1	SWL	2	66	ON	3RS ET	22.1727	113.9360	AUTUMN	NONE	P
18-Nov-22	2	1100	FP	1	SWL	2	43	ON	3RS ET	22.1705	113.9277	AUTUMN	NONE	P
18-Nov-22	3	1159	FP	4	SWL	3	13	ON	3RS ET	22.1544	113.9048	AUTUMN	NONE	S
18-Nov-22	4	1451	CWD	2	SWL	3	665	ON	3RS ET	22.1914	113.8488	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 446.960 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 12 on-effort sightings and total number of 25 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in November 2022 are shown as below:

Encounter Rate by Number of Dolphin Sightings (STG) in November 2022

$$STG = \frac{12}{446.960} \times 100 = 2.68$$

Encounter Rate by Number of Dolphins (ANI) in November 2022

$$ANI = \frac{25}{446.960} \times 100 = 5.59$$

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

A total of 1225.383 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 34 on-effort sightings and total number of 94 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)









$$STG = \frac{34}{1225.383} \times 100 = 2.77$$

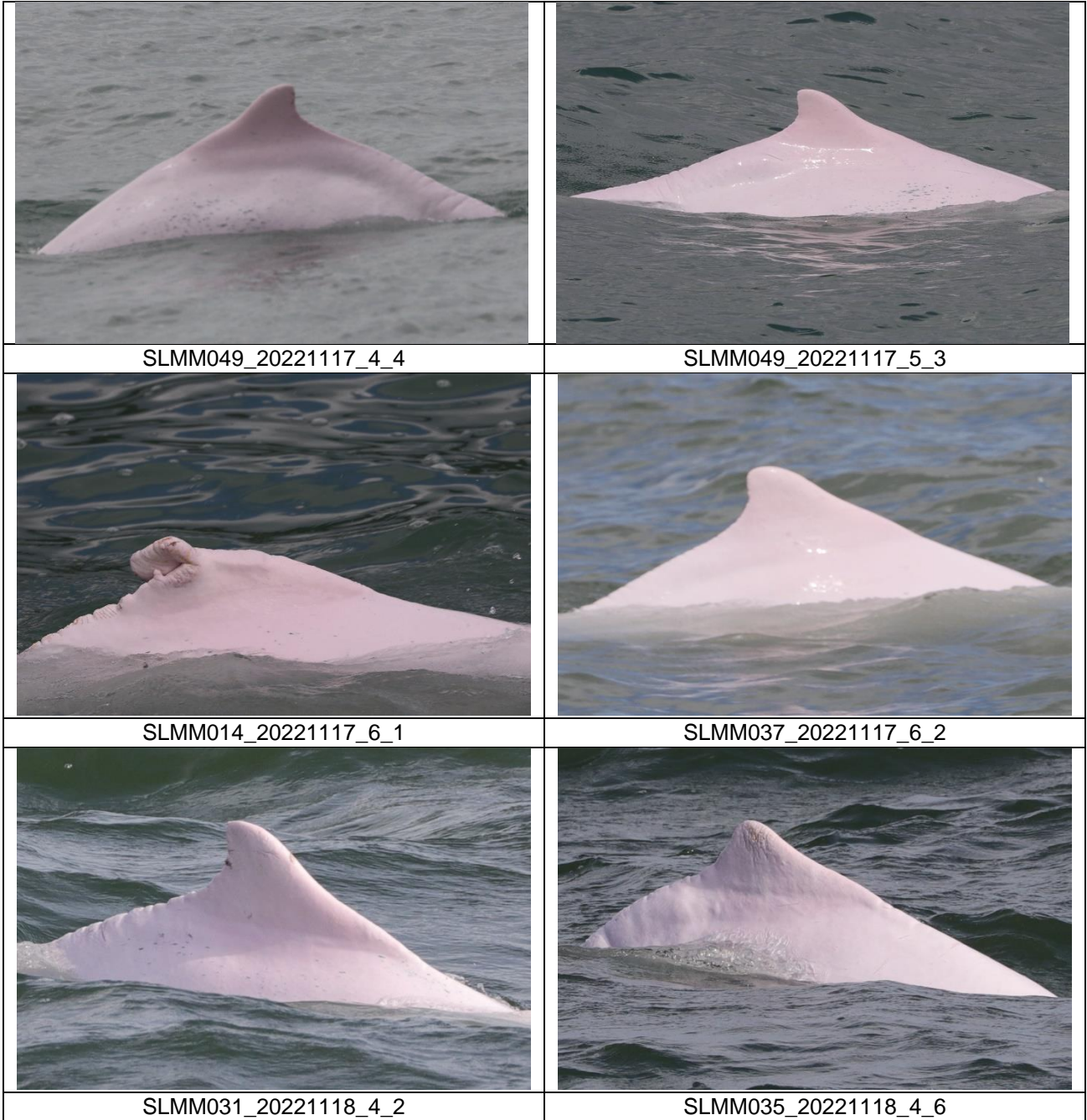
Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{94}{1225.383} \times 100 = 7.67$$

CWD Small Vessel Line-transect Survey

Photo Identification

	
SLMM060_20221109_4_1	NLMM023_20221111_1_3
	
NLMM027_20221117_1_3	SLMM058_20221117_1_9
	
SLMM074_20221117_1_7	WLMM029_20221117_1_5
	
SLMM023_20221117_2_8	SLMM059_20221117_2_6



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
15/Nov/22	Sha Chau	10:30	16:30	6:00	2-3	3-4	0	NA
28/Nov/22	Lung Kwu Chau	8:58	14:58	6:00	2-3	2-3	4	1-5

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