

Appendix C. Monitoring Results

Air Quality Monitoring Results

1-hour TSP Results

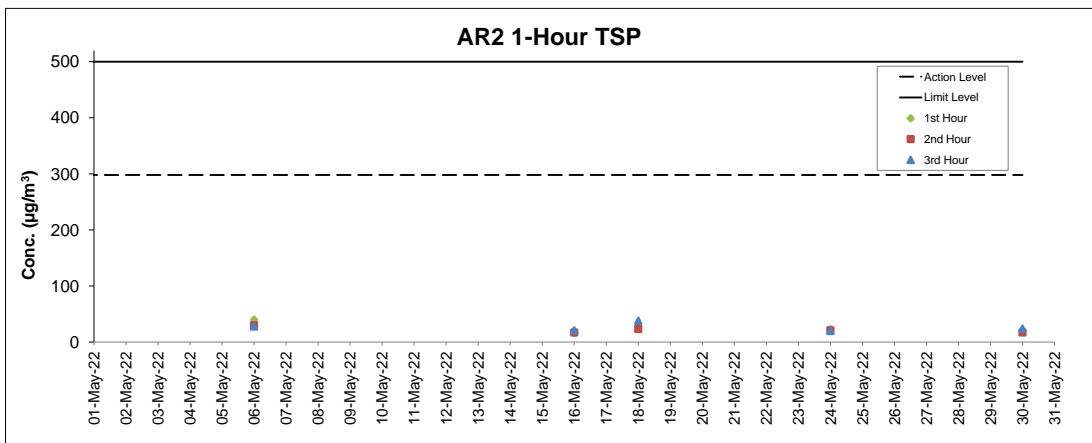
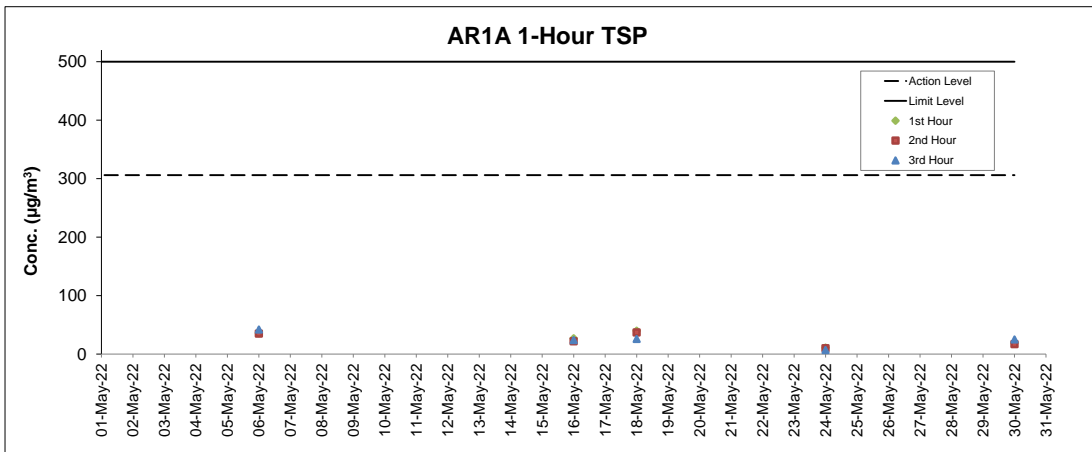
Station: AR1A- Man Tung Road Park

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 ($\mu\text{g}/\text{m}^3$)
06-May-22	11:29	Sunny	3.9	331	36	306	500
06-May-22	12:29	Sunny	4.2	269	35	306	500
06-May-22	13:29	Sunny	4.7	270	42	306	500
16-May-22	12:20	Drizzle	3.3	15	27	306	500
16-May-22	13:20	Drizzle	1.7	47	22	306	500
16-May-22	14:20	Drizzle	3.1	7	24	306	500
18-May-22	9:03	Sunny	5.0	82	40	306	500
18-May-22	10:03	Sunny	6.4	80	37	306	500
18-May-22	11:03	Sunny	5.3	112	26	306	500
24-May-22	12:01	Overcast	6.7	101	11	306	500
24-May-22	13:01	Overcast	6.1	79	10	306	500
24-May-22	14:01	Overcast	6.4	94	7	306	500
30-May-22	11:51	Sunny	2.2	Variable	19	306	500
30-May-22	12:51	Sunny	4.2	161	17	306	500
30-May-22	13:51	Sunny	2.5	45	25	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 ($\mu\text{g}/\text{m}^3$)
06-May-22	8:03	Sunny	5.0	95	40	298	500
06-May-22	9:03	Sunny	5.3	55	30	298	500
06-May-22	10:03	Sunny	4.7	51	28	298	500
16-May-22	8:48	Drizzle	4.7	42	16	298	500
16-May-22	9:48	Drizzle	3.3	61	17	298	500
16-May-22	10:48	Drizzle	4.4	60	21	298	500
18-May-22	13:27	Sunny	5.8	109	28	298	500
18-May-22	14:27	Sunny	4.4	100	23	298	500
18-May-22	15:27	Sunny	4.2	102	38	298	500
24-May-22	8:25	Overcast	6.1	108	23	298	500
24-May-22	9:25	Overcast	6.9	103	21	298	500
24-May-22	10:25	Overcast	6.9	94	20	298	500
30-May-22	8:23	Overcast	3.9	150	20	298	500
30-May-22	9:23	Overcast	3.3	95	17	298	500
30-May-22	10:23	Overcast	3.3	157	24	298	500



Notes

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

Noise Monitoring Results

Noise Measurement Results

Station: NM1A- Man Tung Road Park

Date	Weather	Time	Measured		L _{eq(30mins)} dB(A) ^
			L ₁₀ dB(A)	L ₉₀ dB(A)	
06-May-22	Sunny	11:33	59.8	53.2	59
06-May-22	Sunny	11:38	60.5	50.2	
06-May-22	Sunny	11:43	59.9	50.8	
06-May-22	Sunny	11:48	54.8	50.3	
06-May-22	Sunny	11:53	59.2	50.4	
06-May-22	Sunny	11:58	56.0	49.4	
16-May-22	Drizzle	12:22	57.6	51.1	59
16-May-22	Drizzle	12:27	58.9	51.5	
16-May-22	Drizzle	12:32	58.8	50.7	
16-May-22	Drizzle	12:37	57.3	50.3	
16-May-22	Drizzle	12:42	60.1	50.7	
16-May-22	Drizzle	12:47	57.9	51.9	
18-May-22	Sunny	11:10	52.7	48.8	57
18-May-22	Sunny	11:15	55.9	49.4	
18-May-22	Sunny	11:20	58.4	50.9	
18-May-22	Sunny	11:25	55.6	49.9	
18-May-22	Sunny	11:30	56.5	50.0	
18-May-22	Sunny	11:35	56.7	51.4	
24-May-22	Overcast	12:03	57.6	50.0	58
24-May-22	Overcast	12:08	60.2	50.1	
24-May-22	Overcast	12:13	56.7	50.6	
24-May-22	Overcast	12:18	56.7	50.2	
24-May-22	Overcast	12:23	56.9	50.1	
24-May-22	Overcast	12:28	56.8	50.3	
30-May-22	Sunny	11:53	61.3	51.9	59
30-May-22	Sunny	11:58	58.0	51.2	
30-May-22	Sunny	12:03	58.0	51.7	
30-May-22	Sunny	12:08	56.4	51.5	
30-May-22	Sunny	12:13	56.0	51.3	
30-May-22	Sunny	12:18	58.7	52.0	

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 _{eq(30mins)} dB(A) ^
			L ₁₀ dB(A)	L ₉₀ dB(A)	
03-May-22	Sunny	13:52	60.9	57.4	62
03-May-22	Sunny	13:57	59.6	56.6	
03-May-22	Sunny	14:02	60.6	56.1	
03-May-22	Sunny	14:07	60.9	56.8	
03-May-22	Sunny	14:12	60.1	56.6	
03-May-22	Sunny	14:17	61.5	54.8	
10-May-22	Overcast	13:31	62.4	60.0	62
10-May-22	Overcast	13:36	61.2	56.3	
10-May-22	Overcast	13:41	60.5	56.1	
10-May-22	Overcast	13:46	60.8	56.3	
10-May-22	Overcast	13:51	60.4	55.8	
10-May-22	Overcast	13:56	60.5	55.4	
17-May-22	Sunny	13:34	63.0	60.8	64
17-May-22	Sunny	13:39	62.7	58.7	
17-May-22	Sunny	13:44	63.3	59.9	
17-May-22	Sunny	13:49	62.1	59.0	
17-May-22	Sunny	13:54	62.3	59.9	
17-May-22	Sunny	13:59	63.6	60.7	
26-May-22	Sunny	14:02	58.3	54.3	61
26-May-22	Sunny	14:07	57.9	53.7	
26-May-22	Sunny	14:12	58.4	53.7	
26-May-22	Sunny	14:17	58.9	54.3	
26-May-22	Sunny	14:22	60.2	54.9	
26-May-22	Sunny	14:27	61.0	58.0	
31-May-22	Overcast	13:35	62.7	58.0	63
31-May-22	Overcast	13:40	60.3	57.1	
31-May-22	Overcast	13:45	61.6	57.4	
31-May-22	Overcast	13:50	61.8	57.4	
31-May-22	Overcast	13:55	62.5	57.7	
31-May-22	Overcast	14:00	59.7	55.5	

Remarks:

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

Noise Measurement Results

Station: NM5- Village House, Tin Sum

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₃₀ dB(A)	L _{eq(30mins)} dB(A) ^
06-May-22	Sunny	08:08	51.0	47.8	54
06-May-22	Sunny	08:13	51.0	49.0	
06-May-22	Sunny	08:18	51.7	49.5	
06-May-22	Sunny	08:23	54.9	51.3	
06-May-22	Sunny	08:28	52.5	49.5	
06-May-22	Sunny	08:33	51.5	48.0	
16-May-22	Drizzle	08:54	52.3	47.2	55
16-May-22	Drizzle	08:59	55.8	48.0	
16-May-22	Drizzle	09:04	54.7	48.3	
16-May-22	Drizzle	09:09	50.0	48.0	
16-May-22	Drizzle	09:14	52.5	49.0	
16-May-22	Drizzle	09:19	57.4	50.5	
18-May-22	Sunny	14:00	48.1	44.0	51
18-May-22	Sunny	14:05	51.8	45.3	
18-May-22	Sunny	14:10	50.8	43.0	
18-May-22	Sunny	14:15	46.4	42.9	
18-May-22	Sunny	14:20	47.0	41.8	
18-May-22	Sunny	14:25	47.3	42.2	
24-May-22	Overcast	08:27	51.7	45.0	54
24-May-22	Overcast	08:32	57.8	45.2	
24-May-22	Overcast	08:37	50.2	45.7	
24-May-22	Overcast	08:42	50.3	46.2	
24-May-22	Overcast	08:47	49.6	45.9	
24-May-22	Overcast	08:52	55.9	46.5	
30-May-22	Overcast	08:27	54.2	45.4	55
30-May-22	Overcast	08:32	48.6	43.3	
30-May-22	Overcast	08:37	48.7	44.4	
30-May-22	Overcast	08:42	47.8	44.9	
30-May-22	Overcast	08:47	49.9	46.2	
30-May-22	Overcast	08:52	50.3	44.2	

Remarks:

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

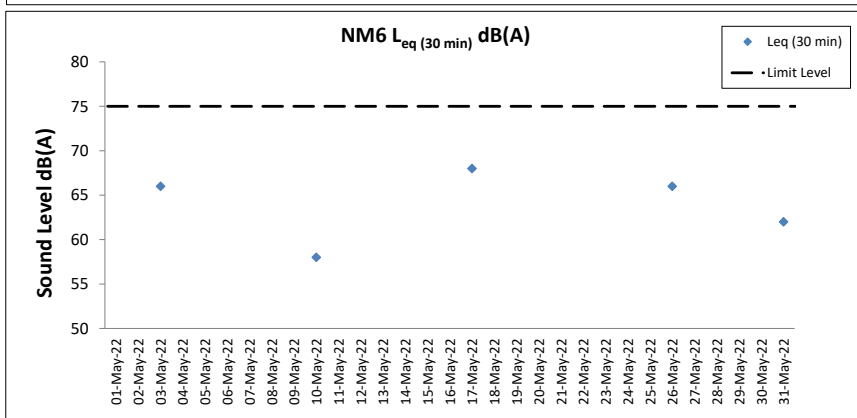
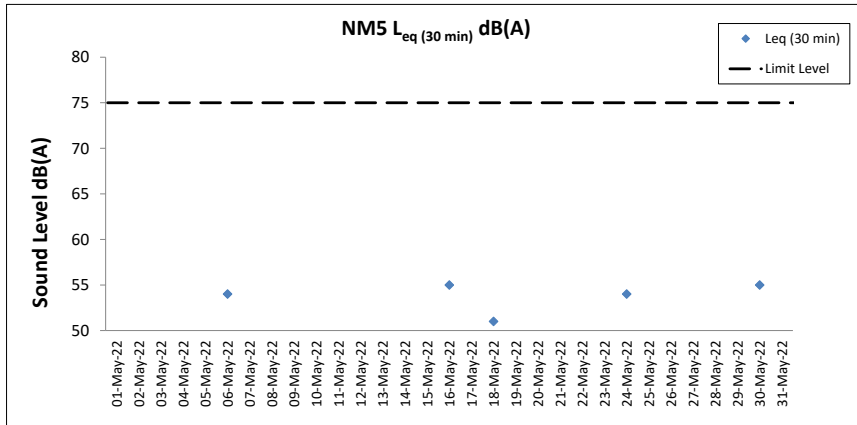
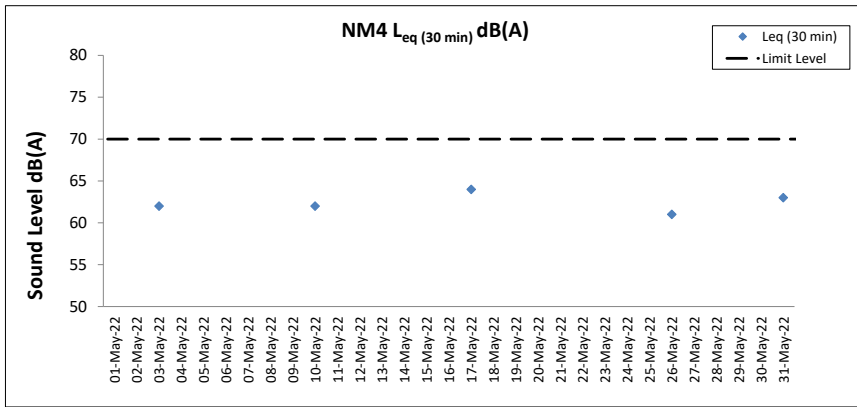
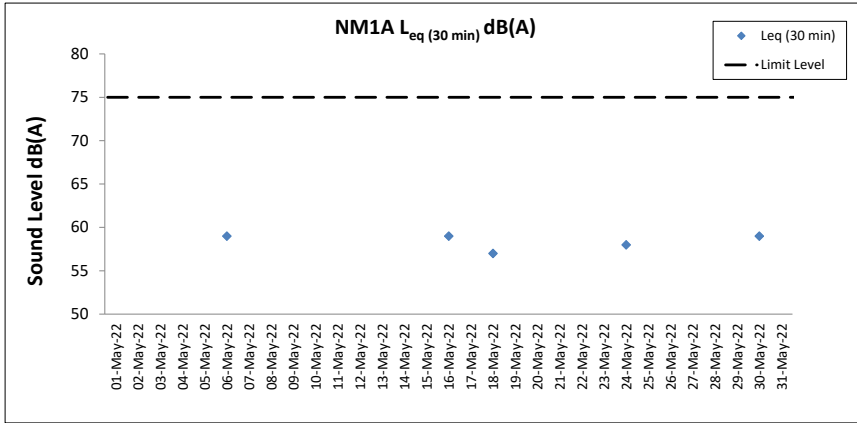
Noise Measurement Results

Station: NM6- House No.1 Sha Lo Wan

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₃₀ dB(A)	L _{eq(30mins)} dB(A) ^
03-May-22	Sunny	15:40	57.0	44.0	66
03-May-22	Sunny	15:45	71.0	46.8	
03-May-22	Sunny	15:50	62.2	47.7	
03-May-22	Sunny	15:55	62.7	47.1	
03-May-22	Sunny	16:00	51.2	42.2	
03-May-22	Sunny	16:05	51.7	40.2	
10-May-22	Overcast	15:39	58.6	45.5	58
10-May-22	Overcast	15:44	52.7	43.1	
10-May-22	Overcast	15:49	55.6	41.4	
10-May-22	Overcast	15:54	61.9	44.9	
10-May-22	Overcast	15:59	58.4	43.8	
10-May-22	Overcast	16:04	58.1	48.3	
17-May-22	Sunny	15:41	65.9	44.0	68
17-May-22	Sunny	15:46	69.1	45.5	
17-May-22	Sunny	15:51	60.1	42.6	
17-May-22	Sunny	15:56	61.7	40.6	
17-May-22	Sunny	16:01	73.4	42.9	
17-May-22	Sunny	16:06	57.7	43.9	
26-May-22	Sunny	15:44	60.9	47.5	66
26-May-22	Sunny	15:49	61.5	42.8	
26-May-22	Sunny	15:54	50.4	39.0	
26-May-22	Sunny	15:59	54.9	39.6	
26-May-22	Sunny	16:04	63.9	44.3	
26-May-22	Sunny	16:09	65.4	44.0	
31-May-22	Overcast	15:55	54.5	47.1	62
31-May-22	Overcast	16:00	56.5	49.5	
31-May-22	Overcast	16:05	58.9	50.7	
31-May-22	Overcast	16:10	61.8	52.4	
31-May-22	Overcast	16:15	63.8	54.0	
31-May-22	Overcast	16:20	61.7	54.8	

Remarks:

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



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 May 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	Fine	Moderate	13:57	7.9	Surface	1.0	0.5	196	<u>23.8</u>	23.8	8.1	8.1	30.4	30.4	<u>112.8</u>	112.7	8.0	7.9	1.8	4.9	4	4	815633	804247
						1.0	0.4	198	<u>23.8</u>	8.1	8.1	30.4	30.4	<u>112.6</u>	8.0	7.9	1.9	4						
					Middle	4.0	0.5	209	<u>23.4</u>	23.4	8.1	8.1	32.9	32.8	<u>109.5</u>	109.5	7.7	7.3	2.9	4	4			
						4.0	0.5	206	<u>23.4</u>	8.1	8.1	32.8	32.8	<u>109.4</u>	7.7	7.3	3.1	4						
					Bottom	6.9	0.5	189	<u>23.3</u>	23.3	8.1	8.1	34.0	34.0	<u>103.8</u>	103.9	7.3	7.3	9.9	4	4			
						6.9	0.5	193	<u>23.3</u>	8.1	8.1	34.0	34.0	<u>103.9</u>	7.3	7.3	10.2	4						
C2	Fine	Moderate	12:56	11.0	Surface	1.0	0.5	171	<u>23.9</u>	23.9	8.0	8.0	26.9	26.9	<u>98.1</u>	98.1	7.1	6.8	2.6	8.0	4	4	825666	806947
						1.0	0.5	174	<u>23.9</u>	8.0	8.0	26.9	26.9	<u>98.1</u>	7.1	6.8	2.6	4						
					Middle	5.5	0.5	169	<u>23.7</u>	23.7	8.0	8.0	29.2	29.2	<u>89.8</u>	89.8	6.4	6.5	8.4	4	4			
						5.5	0.5	161	<u>23.7</u>	8.0	8.0	29.2	29.2	<u>89.8</u>	6.4	6.5	8.0	5						
					Bottom	10.0	0.5	166	<u>23.7</u>	23.7	8.0	8.0	31.5	31.5	<u>91.0</u>	91.2	6.4	6.5	13.4	5	4			
						10.0	0.6	163	<u>23.7</u>	8.0	8.0	31.5	31.5	<u>91.3</u>	6.5	6.5	13.4	4						
C3	Sunny	Moderate	13:49	11.0	Surface	1.0	0.5	59	<u>24.4</u>	24.4	8.5	8.5	28.8	28.8	<u>89.4</u>	89.5	6.3	6.4	1.1	2.0	5	6	822131	817822
						1.0	0.5	63	<u>24.4</u>	8.5	8.5	28.8	28.8	<u>89.5</u>	6.3	6.4	1.1	5						
					Middle	5.5	0.5	75	<u>24.4</u>	24.4	8.5	8.5	29.0	29.0	<u>90.1</u>	90.2	6.4	6.5	1.8	5	6			
						5.5	0.5	76	<u>24.4</u>	8.5	8.5	29.0	29.0	<u>90.3</u>	6.4	6.5	1.9	6						
					Bottom	10.0	0.4	58	<u>24.4</u>	24.4	8.5	8.5	29.1	29.0	<u>91.3</u>	91.6	6.5	6.5	2.9	6	7			
						10.0	0.4	54	<u>24.4</u>	8.5	8.5	29.0	29.0	<u>91.9</u>	6.5	6.5	3.0	7						
IM1	Fine	Moderate	13:42	7.2	Surface	1.0	0.3	189	<u>23.7</u>	23.7	8.1	8.1	31.9	31.9	<u>106.7</u>	106.7	7.5	7.5	3.5	4.6	6	6	818335	806464
						1.0	0.3	192	<u>23.7</u>	8.1	8.1	31.9	31.9	<u>106.7</u>	7.5	7.5	3.5	7						
					Middle	3.6	0.3	191	<u>23.5</u>	23.5	8.1	8.1	32.7	32.7	<u>105.4</u>	105.4	7.4	7.4	4.6	6	6			
						3.6	0.3	185	<u>23.5</u>	8.1	8.1	32.7	32.7	<u>105.3</u>	7.4	7.4	4.6	6						
					Bottom	6.2	0.3	204	<u>23.4</u>	23.4	8.1	8.1	33.0	33.0	<u>104.7</u>	104.8	7.4	7.4	5.7	4	4			
						6.2	0.3	204	<u>23.4</u>	8.1	8.1	33.0	33.0	<u>104.8</u>	7.4	7.4	5.7	5						
IM2	Fine	Moderate	13:37	7.2	Surface	1.0	0.2	179	<u>23.8</u>	23.8	8.1	8.1	31.2	31.3	<u>106.6</u>	106.5	7.5	7.5	2.7	5.5	3	4	819186	806216
						1.0	0.3	184	<u>23.8</u>	8.1	8.1	31.3	31.3	<u>106.4</u>	7.5	7.5	2.8	4						
					Middle	3.6	0.3	200	<u>23.6</u>	23.6	8.1	8.1	32.0	32.0	<u>105.4</u>	105.4	7.4	7.4	5.4	4	4			
						3.6	0.3	205	<u>23.6</u>	8.1	8.1	32.0	32.0	<u>105.4</u>	7.4	7.4	5.7	5						
					Bottom	6.2	0.2	168	<u>23.5</u>	23.5	8.1	8.1	32.8	32.7	<u>105.1</u>	105.2	7.4	7.4	8.0	4	4			
						6.2	0.2	167	<u>23.5</u>	8.1	8.1	32.7	32.7	<u>105.2</u>	7.4	7.4	8.6	4						
IM7	Fine	Moderate	13:19	8.2	Surface	1.0	0.2	131	<u>23.8</u>	23.8	8.0	8.0	29.0	29.0	<u>102.3</u>	102.3	7.3	7.3	2.2	2.8	4	5	821354	806853
						1.0	0.2	137	<u>23.8</u>	8.0	8.0	29.0	29.0	<u>102.3</u>	7.3	7.3	2.3	4						
					Middle	4.1	0.2	144	<u>23.6</u>	23.6	8.1	8.1	31.0	31.0	<u>102.0</u>	102.0	7.2	7.2	2.6	4	4			
						4.1	0.3	137	<u>23.6</u>	8.1	8.1	31.0	31.0	<u>102.0</u>	7.2	7.2	2.6	5						
					Bottom	7.2	0.2	116	<u>23.6</u>	23.6	8.1	8.1	32.0	32.0	<u>102.2</u>	102.2	7.2	7.2	3.7	5	5			
						7.2	0.3	112	<u>23.6</u>	8.1	8.1	32.0	32.0	<u>102.2</u>	7.2	7.2	3.7	6						

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 03 May 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	Average	Value	Average
IM10	Sunny	Moderate	12:52	7.0	Surface	1.0	0.6	107	24.2	24.2	8.0	8.0	27.5	27.6	88.5	88.4	6.3	6.3	2.0	2.6	5	5	822261	809819				
						1.0	0.6	109	24.2	8.0	8.0	27.7	27.6	88.2	88.4	6.3	6.3	2.1	2.6	5	5							
					Middle	3.5	0.6	106	24.1	24.1	8.0	8.0	28.2	28.2	87.9	87.9	6.3	6.3	2.8	2.6	5	5						
						3.5	0.6	111	24.1	24.1	8.0	8.0	28.3	28.2	87.9	87.9	6.3	6.3	2.8	2.6	5	5						
					Bottom	6.0	0.6	94	24.1	24.1	8.0	8.0	28.5	28.5	92.1	92.1	6.6	6.6	3.1	3.4	4	4						
						6.0	0.6	95	24.1	24.1	8.0	8.0	28.5	28.5	92.0	92.1	6.6	6.6	3.2	3.4	4	4						
IM11	Sunny	Moderate	12:57	7.8	Surface	1.0	0.7	86	24.3	24.3	7.9	7.9	26.7	26.7	94.2	94.2	6.8	6.8	1.8	2.4	3	4	821497	810535				
						1.0	0.7	92	24.3	24.3	7.9	7.9	26.8	26.7	94.1	94.2	6.8	6.8	1.9	2.4	3	4						
					Middle	3.9	0.6	89	24.1	24.1	7.9	7.9	27.7	27.7	93.5	93.5	6.7	6.7	2.0	2.4	3	4						
						3.9	0.7	83	24.1	24.1	7.9	7.9	27.8	27.7	93.5	93.5	6.7	6.7	2.0	2.4	4	4						
					Bottom	6.8	0.7	115	24.1	24.1	7.9	7.9	28.2	28.2	93.9	94.0	6.7	6.7	3.2	3.4	4	4						
						6.8	0.7	119	24.1	24.1	7.9	7.9	28.1	28.2	94.1	94.0	6.7	6.7	3.1	3.4	4	4						
IM12	Sunny	Moderate	13:02	7.0	Surface	1.0	0.7	104	24.2	24.2	7.9	7.9	27.1	27.2	91.8	91.7	6.6	6.6	2.3	3.4	3	4	821171	811498				
						1.0	0.7	107	24.2	24.2	7.9	7.9	27.3	27.2	91.5	91.7	6.6	6.6	2.6	3.4	3	4						
					Middle	3.5	0.7	89	24.2	24.2	7.9	7.9	27.6	27.7	91.2	91.3	6.5	6.5	3.4	3.4	4	4						
						3.5	0.7	91	24.2	24.2	7.9	7.9	27.7	27.7	91.3	91.3	6.5	6.5	3.6	3.4	5	4						
					Bottom	6.0	0.7	105	24.2	24.2	7.9	7.9	27.8	27.8	91.6	91.7	6.6	6.6	4.2	3.4	6	4						
						6.0	0.6	109	24.2	24.2	7.9	7.9	27.8	27.8	91.8	91.7	6.6	6.6	4.1	3.4	5	4						
SR1A	Sunny	Moderate	13:21	5.6	Surface	1.0	0.0	106	24.5	24.5	7.9	7.9	26.7	26.8	94.5	95.0	6.8	6.8	2.7	2.9	4	4	819978	812657				
						1.0	-	109	24.4	24.5	7.9	7.9	26.8	26.8	95.5	95.0	6.8	6.8	2.8	2.9	3	4						
					Middle	2.8	0.0	135	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4	4
						2.8	0.0	136	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4	4
					Bottom	4.6	0.1	121	24.4	24.4	7.9	7.9	27.1	27.0	98.5	99.5	7.1	7.2	3.0	3.4	5	4						
						4.6	0.1	117	24.4	24.4	7.9	7.9	26.8	27.0	100.5	99.5	7.2	7.2	3.1	3.4	5	4						
SR2	Sunny	Moderate	13:32	4.2	Surface	1.0	0.6	56	24.3	24.3	7.9	7.9	27.6	27.7	90.5	90.6	6.5	6.5	2.0	1.5	3	4	821439	814176				
						1.0	0.6	52	24.2	24.3	7.9	7.9	27.7	27.7	90.6	90.6	6.5	6.5	2.0	1.5	4	4						
					Middle	-	0.6	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4	4
						-	0.6	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	4	4
					Bottom	3.2	0.6	33	24.2	24.2	7.9	7.9	27.8	27.8	95.5	96.1	6.8	6.9	1.0	1.5	3	4						
						3.2	0.6	40	24.2	24.2	7.9	7.9	27.7	27.8	96.6	96.1	6.9	6.9	1.1	1.5	4	4						
SR3	Fine	Moderate	13:12	8.4	Surface	1.0	0.5	155	23.9	23.9	8.0	8.0	27.7	27.7	97.7	97.7	7.0	7.1	1.8	3.2	2	3	822156	807566				
						1.0	0.5	150	23.9	23.9	8.0	8.0	27.7	27.7	97.7	97.7	7.0	7.1	1.8	3.2	2	3						
					Middle	4.2	0.5	137	23.6	23.6	8.0	8.0	29.8	29.8	98.8	98.9	7.1	7.1	3.4	3.2	4	3						
						4.2	0.5	137	23.6	23.6	8.0	8.0	29.8	29.8	98.9	98.9	7.1	7.1	3.3	3.2	3	3						
					Bottom	7.4	0.5	129	23.6	23.6	8.0	8.0	31.2	31.2	104.2	104.2	7.4	7.4	4.4	3.2	4	3						
						7.4	0.5	131	23.6	23.6	8.0	8.0	31.1	31.2	104.2	104.2	7.4	7.4	4.3	3.2	4	3						
SR4A	Fine	Moderate	14:17	8.4	Surface	1.0	0.0	67	23.8	23.8	8.1	8.1	31.7	31.7	103.1	103.1	7.3	7.3	3.8	4.7	4	3	817201	807800				
						1.0	0.0	70	23.8	23.8	8.1	8.1	31.7	31.7	103.0	103.1	7.3	7.3	3.9	4.7	3	3						
					Middle	4.2	0.1	46	23.6	23.6	8.1	8.1	32.2	32.2	102.1	102.1	7.2	7.2	4.9	4.7	3	3						
						4.2	0.0	46	23.6	23.6	8.1	8.1	32.2	32.2	102.0	102.1	7.2	7.2	5.0	4.7	3	3						
					Bottom	7.4	0.0	81	23.6	23.6	8.1	8.1	32.3	32.3	101.9	101.9	7.2	7.2	5.3	4.7	3	3						
						7.4	0.1	84	23.6	23.6	8.1	8.1	32.3	32.3	101.9	101.9	7.2	7.2	5.3	4.7	3	3						
SR8	Sunny	Moderate	13:06	5.4	Surface	1.0	-	-	24.6	24.6	7.9	7.9	27.2	27.2	90.5	90.5	6.5	6.5	2.3	2.9	4	3	820384	811604				
						1.0	-	-	24.6	24.6	7.9	7.9	27.2	27.2	90.5	90.5	6.5	6.5	2.3	2.9	3	3						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3	3
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	3	3
					Bottom	4.4	-	-	24.6	24.6	7.9	7.9	27.3	27.2	90.8	91.0	6.5	6.5	3.4	2.9	2	3						
						4.4	-	-	24.6	24.6	7.9	7.9	27.2	27.2	91.2	91.0	6.5	6.5	3.5	2.9	3	3						

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 03 May 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	Fine	Moderate	08:06	8.3	Surface	1.0	0.4	34	23.2	23.2	8.1	8.1	29.0	29.0	103.3	103.2	7.5	7.3	2.9	7.5	3	3	815627	804265		
						1.0	0.4	33	23.2	8.1	8.1	29.0	29.0	103.1	103.2	7.5	7.3	3.2	7.5	4						
					Middle	4.2	0.4	19	23.3	23.3	8.1	8.1	33.5	33.5	101.0	101.0	7.1	7.1	6.5	7.1	3				7.1	3
						4.2	0.4	14	23.3	23.3	8.1	8.1	33.6	33.6	100.9	100.8	7.1	7.1	6.4	7.1	3				7.1	3
					Bottom	7.3	0.4	45	23.3	23.3	8.0	8.0	34.0	34.0	100.8	100.8	7.1	7.1	13.5	7.1	2				7.1	2
						7.3	0.4	43	23.3	23.3	8.0	8.0	34.0	34.0	100.8	100.8	7.1	7.1	12.5	7.1	3				7.1	3
C2	Fine	Moderate	09:14	12.0	Surface	1.0	0.3	349	23.8	23.8	8.0	8.0	27.3	27.3	99.0	99.1	7.2	7.2	2.4	7.2	3	3	825692	806926		
						1.0	0.4	347	23.8	23.8	8.0	8.0	27.4	27.3	99.1	99.1	7.2	7.2	2.4	7.2	2					
					Middle	6.0	0.4	355	23.6	23.6	8.0	8.0	28.0	28.0	100.1	100.2	7.2	7.2	2.8	7.2	3				7.2	3
						6.0	0.3	358	23.5	23.5	8.0	8.0	28.0	28.0	100.2	100.2	7.2	7.2	2.7	7.2	3				7.2	3
					Bottom	11.0	0.3	330	23.5	23.5	8.0	8.0	30.6	30.6	100.6	100.7	7.2	7.2	8.7	7.2	3				7.2	3
						11.0	0.3	327	23.5	23.5	8.0	8.0	30.6	30.6	100.7	100.7	7.2	7.2	8.8	7.2	3				7.2	3
C3	Sunny	Moderate	08:16	9.4	Surface	1.0	0.5	244	23.9	23.9	7.8	7.8	30.4	30.5	85.0	85.1	6.0	6.0	3.3	6.0	3	3	822124	817805		
						1.0	0.5	239	23.9	23.9	7.8	7.8	30.6	30.5	85.1	85.1	6.0	6.0	3.2	6.0	4					
					Middle	4.7	0.5	262	23.8	23.8	7.8	7.8	30.9	30.9	85.4	85.5	6.0	6.0	4.1	6.0	4				6.0	4
						4.7	0.5	268	23.8	23.8	7.8	7.8	30.9	30.9	85.6	85.6	6.1	6.1	4.2	6.1	3				6.1	3
					Bottom	8.4	0.5	250	23.8	23.8	7.8	7.8	30.8	30.8	88.0	88.2	6.2	6.3	5.8	6.3	2				6.3	2
						8.4	0.5	245	23.8	23.8	7.8	7.8	30.7	30.8	88.3	88.3	6.3	6.3	5.7	6.3	2				6.3	2
IM1	Fine	Moderate	08:22	7.4	Surface	1.0	0.2	25	23.4	23.4	8.1	8.1	30.8	30.9	103.0	103.0	7.4	7.1	2.6	7.1	3	3	818332	806450		
						1.0	0.2	18	23.4	23.4	8.1	8.1	30.9	30.9	103.0	103.0	7.3	7.1	2.6	7.1	3					
					Middle	3.7	0.2	36	23.5	23.5	8.1	8.1	32.3	32.3	97.7	97.7	6.9	6.9	4.4	6.9	2				6.9	2
						3.7	0.1	31	23.5	23.5	8.1	8.1	32.3	32.3	97.6	97.6	6.9	6.9	4.6	6.9	4				6.9	4
					Bottom	6.4	0.2	34	23.5	23.5	8.1	8.1	32.5	32.5	100.9	100.9	7.1	7.1	9.4	7.1	4				7.1	4
						6.4	0.2	34	23.5	23.5	8.1	8.1	32.5	32.5	100.9	100.9	7.1	7.1	10.3	7.1	4				7.1	4
IM2	Fine	Moderate	08:28	7.8	Surface	1.0	0.2	0	23.5	23.5	8.1	8.1	31.1	31.1	101.7	101.7	7.2	7.2	3.3	7.2	6	5	819163	806225		
						1.0	0.2	357	23.5	23.5	8.1	8.1	31.1	31.1	101.6	101.6	7.2	7.2	3.4	7.2	5					
					Middle	3.9	0.2	27	23.5	23.5	8.1	8.1	31.3	31.3	101.2	101.2	7.2	7.2	3.8	7.2	4				7.2	4
						3.9	0.2	26	23.5	23.5	8.1	8.1	31.4	31.3	101.1	101.1	7.2	7.2	3.9	7.2	5				7.2	5
					Bottom	6.8	0.2	11	23.5	23.5	8.1	8.1	31.9	32.0	103.7	103.8	7.3	7.4	7.2	7.4	4				7.4	4
						6.8	0.2	12	23.5	23.5	8.1	8.1	32.0	32.0	103.8	103.8	7.4	7.4	7.2	7.4	5				7.4	5
IM7	Fine	Moderate	08:48	7.8	Surface	1.0	0.2	9	23.7	23.7	8.0	8.0	27.6	27.6	97.2	97.2	7.0	7.0	2.2	7.0	3	3	821345	806819		
						1.0	0.2	2	23.7	23.7	8.0	8.0	27.6	27.6	97.2	97.2	7.0	7.0	2.2	7.0	2					
					Middle	3.9	0.2	350	23.6	23.6	8.0	8.0	30.8	30.8	97.0	97.0	6.9	6.9	3.0	6.9	2				6.9	2
						3.9	0.2	344	23.6	23.6	8.0	8.0	30.8	30.8	97.0	97.0	6.9	6.9	3.1	6.9	4				6.9	4
					Bottom	6.8	0.3	2	23.5	23.5	8.0	8.0	31.3	31.3	97.1	97.2	6.9	6.9	4.1	6.9	5				6.9	5
						6.8	0.2	1	23.5	23.5	8.0	8.0	31.3	31.3	97.2	97.2	6.9	6.9	4.2	6.9	4				6.9	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 03 May 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	Moderate	09:24	8.0	Surface	1.0	0.3	290	23.9	23.9	7.8	7.8	26.5	26.5	88.2	88.3	6.4	6.4	3.1	6.4	4	4	822219	809833				
						1.0	0.3	285	23.9		7.8	7.8	26.6	26.5	88.3	88.3	6.4	6.4	3.0	6.4	4							
					Middle	4.0	0.3	295	23.9	23.9	7.8	7.8	27.0	27.1	88.6	88.7	6.4	6.4	4.7	6.4	4.8				6.4	5	4	
						4.0	0.2	301	23.9		7.8	7.8	27.1	27.1	88.8	88.7	6.4	6.4	4.7	6.4	4							
					Bottom	7.0	0.3	278	23.9	23.9	7.8	7.8	27.2	27.1	90.3	90.9	6.5	6.6	5.2	6.6	5.1				6.6	4	4	
						7.0	0.3	276	23.9		7.8	7.8	27.1	27.1	91.4	90.9	6.6	6.6	5.1	6.6	5							
IM11	Sunny	Moderate	09:18	7.0	Surface	1.0	0.3	293	24.0	24.0	7.8	7.8	27.9	27.9	87.1	87.2	6.3	6.3	2.1	6.3	9	8	821489	810530				
						1.0	0.3	299	24.0		7.8	7.8	27.9	27.9	87.2	87.2	6.3	6.3	2.2	6.3	8							
					Middle	3.5	0.3	277	24.0	24.0	7.8	7.8	27.9	27.9	87.5	87.7	6.3	6.3	3.3	6.3	3.3				6.3	8	8	
						3.5	0.3	283	24.0		7.8	7.8	28.0	28.0	87.8	87.7	6.3	6.3	3.3	6.3	8							
					Bottom	6.0	0.3	263	23.9	23.9	7.8	7.8	28.0	28.0	89.2	91.1	6.4	6.6	4.3	6.6	4.4				6.6	7	8	
						6.0	0.4	256	23.9		7.8	7.8	28.0	28.0	93.0	91.1	6.7	6.6	4.4	6.6	8							
IM12	Sunny	Moderate	09:13	9.4	Surface	1.0	0.4	294	24.0	24.0	7.8	7.8	28.2	28.2	85.6	85.7	6.1	6.1	3.2	6.1	10	9	821167	811534				
						1.0	0.4	300	24.0		7.8	7.8	28.2	28.2	85.7	85.7	6.1	6.1	3.1	6.1	11							
					Middle	4.7	0.4	293	24.0	24.0	7.8	7.8	28.2	28.2	86.2	86.3	6.2	6.2	4.7	6.2	4.7				6.2	9	9	
						4.7	0.3	295	24.0		7.8	7.8	28.1	28.1	86.4	86.3	6.2	6.3	4.7	6.3	8							
					Bottom	8.4	0.3	288	24.0	24.0	7.8	7.8	28.1	28.1	87.8	88.3	6.3	6.4	5.1	6.4	5.1				6.4	8	8	
						8.4	0.3	293	24.0		7.8	7.8	28.1	28.1	88.8	88.3	6.4	6.4	5.1	6.4	8							
SR1A	Sunny	Moderate	09:03	5.0	Surface	1.0	0.0	182	24.0	24.0	7.8	7.8	27.7	27.7	89.6	89.9	6.4	6.5	2.3	6.5	2	3	819974	812659				
						1.0	0.0	182	24.0		7.8	7.8	27.7	27.7	90.1	89.9	6.5	6.5	2.3	6.5	3							
					Middle	2.5	0.0	194	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	2.7	-
						2.5	0.1	189	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-	
					Bottom	4.0	0.0	189	24.0	24.0	7.8	7.8	27.9	27.9	91.9	92.5	6.6	6.7	3.0	6.7	3.1				6.7	4	3	
						4.0	0.0	184	24.0		7.8	7.8	27.9	27.9	93.0	92.5	6.7	6.7	3.1	6.7	3							
SR2	Sunny	Moderate	08:28	4.4	Surface	1.0	0.1	258	23.9	23.9	7.8	7.8	28.0	28.0	89.3	89.4	6.4	6.4	3.0	6.4	3	3	821456	814184				
						1.0	0.1	260	23.9		7.8	7.8	28.0	28.0	89.5	89.4	6.4	6.4	3.2	6.4	3							
					Middle	-	0.1	230	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3.7	-
						-	0.1	235	-		-	-	-	-	-	-	-	-	-	-	-				-	-		
					Bottom	3.4	0.1	232	23.8	23.8	7.8	7.8	28.8	28.8	91.7	92.4	6.6	6.7	4.3	6.7	4.3				6.7	4	3	
						3.4	0.1	238	23.8		7.8	7.8	28.9	28.8	93.0	92.4	6.7	6.7	4.3	6.7	3							
SR3	Fine	Moderate	08:54	8.8	Surface	1.0	0.3	344	23.8	23.8	8.0	8.0	26.9	26.9	98.9	99.0	7.2	7.2	2.2	7.2	2	3	822148	807564				
						1.0	0.3	346	23.8		8.0	8.0	26.9	26.9	99.1	99.0	7.2	7.2	2.2	7.2	3							
					Middle	4.4	0.3	0	23.6	23.6	8.0	8.0	27.1	27.1	100.2	100.3	7.3	7.3	6.0	7.3	6.3				7.3	4	5.8	
						4.4	0.3	3	23.6		8.0	8.0	27.1	27.1	100.4	100.3	7.3	7.3	6.3	7.3	3							
					Bottom	7.8	0.4	11	23.5	23.5	8.0	8.0	30.8	30.8	101.2	101.3	7.2	7.2	9.0	7.2	7.2				7.2	3	4	
						7.8	0.4	7	23.5		8.0	8.0	30.8	30.8	101.4	101.3	7.2	7.2	8.9	7.2	4							
SR4A	Fine	Moderate	07:44	9.2	Surface	1.0	0.0	153	23.4	23.4	8.0	8.0	30.3	30.3	100.5	100.5	7.2	7.2	3.2	7.2	7	6	817197	807821				
						1.0	0.0	150	23.4		8.0	8.0	30.3	30.3	100.4	100.5	7.2	7.2	3.2	7.2	6							
					Middle	4.6	0.1	139	23.4	23.4	8.0	8.0	30.4	30.4	99.9	99.9	7.1	7.1	3.7	7.1	3.9				7.1	7	4.7	
						4.6	0.0	134	23.4		8.0	8.0	30.4	30.4	99.8	99.9	7.1	7.1	3.9	7.1	6							
					Bottom	8.2	0.0	180	23.4	23.4	8.0	8.0	30.6	30.6	98.9	98.9	7.1	7.1	6.9	7.1	7.3				7.1	5	5	
						8.2	0.0	175	23.4		8.0	8.0	30.6	30.6	98.9	98.9	7.1	7.1	7.3	7.1	4							
SR8	Sunny	Moderate	09:08	5.6	Surface	1.0	-	-	24.0	24.0	7.8	7.8	27.8	27.8	88.4	88.5	6.3	6.4	3.5	6.4	5	5	820374	811610				
						1.0	-	-	24.0		7.8	7.8	27.9	27.8	88.5	88.5	6.4	6.4	3.7	6.4	5							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	4.0	-
						-	-	-	-		-	-	-	-	-	-	-	-	-	-	-				-	-		
					Bottom	4.6	-	-	24.0	24.0	7.8	7.8	28.2	28.2	95.1	96.1	6.8	6.9	4.4	6.9	4.4				6.9	6	5	
						4.6	-	-	24.0		7.8	7.8	28.2	28.2	97.1	96.1	7.0	7.0	4.5	6.9	5							

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

Water Quality Monitoring

Water Quality Monitoring Results on 05 May 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	Fine	Moderate	14:58	8.2	Surface	1.0	0.5	205	<u>25.4</u>	25.4	8.2	8.2	<u>27.0</u>	27.0	<u>132.9</u>	133.0	9.4	9.2	1.7	4.9	3	3	815614	804233
						1.0	0.5	198	25.4		8.2	8.2	27.0	133.0	9.4	1.7	3							
					Middle	4.1	0.5	224	<u>23.7</u>	23.7	8.1	8.1	<u>32.7</u>	32.7	<u>127.7</u>	127.5	9.0	4.3	3					
						4.1	0.6	231	23.7		8.1	8.1	32.7	32.7	127.3	8.9	4.8	3						
					Bottom	7.2	0.5	185	<u>23.7</u>	23.7	8.1	8.1	<u>32.9</u>	32.9	<u>116.5</u>	116.7	8.2	8.4	2					
						7.2	0.4	189	23.7		8.1	8.1	32.9	32.9	116.8	8.2	8.5	3						
C2	Fine	Moderate	13:56	11.5	Surface	1.0	0.5	170	<u>24.8</u>	24.8	8.1	8.1	<u>25.5</u>	25.5	<u>122.3</u>	122.2	8.8	8.0	2.0	6.0	2	3	825702	806960
						1.0	0.5	162	24.8		8.1	8.1	25.5	122.1	8.8	2.1	2							
					Middle	5.8	0.5	162	<u>24.0</u>	24.0	8.0	8.0	<u>28.5</u>	28.5	<u>101.0</u>	100.9	7.2	8.0	2					
						5.8	0.5	166	24.0		8.0	8.0	28.5	100.7	7.2	8.7	3							
					Bottom	10.5	0.5	171	<u>23.9</u>	23.9	8.0	8.0	<u>30.6</u>	30.6	<u>89.9</u>	89.9	6.4	7.6	3					
						10.5	0.5	167	23.9		8.0	8.0	30.6	30.6	89.9	6.4	7.5	3						
C3	Sunny	Moderate	15:01	11.0	Surface	1.0	0.5	79	<u>24.4</u>	24.4	8.0	8.0	<u>29.9</u>	30.0	<u>90.7</u>	90.5	6.4	6.4	1.1	1.5	4	3	822125	817784
						1.0	0.5	73	24.4		8.0	8.0	30.1	90.3	6.4	1.0	3							
					Middle	5.5	0.5	85	<u>24.4</u>	24.4	8.0	8.0	<u>30.5</u>	30.5	<u>90.0</u>	90.1	6.3	1.6	3					
						5.5	0.5	80	24.4		8.0	8.0	30.5	90.2	6.3	1.6	3							
					Bottom	10.0	0.5	72	<u>24.4</u>	24.4	8.0	8.0	<u>30.5</u>	30.5	<u>94.8</u>	95.3	6.7	2.0	3					
						10.0	0.5	71	24.4		8.0	8.0	30.5	30.5	95.8	6.7	2.1	2						
IM1	Fine	Moderate	14:43	6.8	Surface	1.0	0.3	174	<u>24.4</u>	24.5	8.2	8.2	<u>30.3</u>	30.2	<u>130.3</u>	130.4	9.2	9.0	2.4	5.5	3	4	818351	806470
						1.0	0.3	166	24.5		8.2	8.2	30.2	130.4	9.2	2.5	3							
					Middle	3.4	0.3	174	<u>23.9</u>	23.9	8.1	8.1	<u>31.4</u>	31.4	<u>124.8</u>	124.8	8.8	10.6	4					
						3.4	0.3	176	23.9		8.1	8.1	31.5	124.7	8.8	10.6	3							
					Bottom	5.8	0.3	203	<u>23.7</u>	23.8	8.1	8.1	<u>32.4</u>	32.4	<u>117.8</u>	117.8	8.3	3.5	4					
						5.8	0.4	204	23.8		8.1	8.1	32.4	32.4	117.8	8.3	3.5	4						
IM2	Fine	Moderate	14:38	7.6	Surface	1.0	0.4	201	<u>24.7</u>	24.7	8.2	8.2	<u>29.5</u>	29.5	<u>132.6</u>	132.6	9.3	8.9	1.8	4.8	4	3	819178	806250
						1.0	0.4	200	24.6		8.2	8.2	29.5	132.5	9.3	1.9	4							
					Middle	3.8	0.4	186	<u>23.9</u>	23.9	8.1	8.1	<u>31.5</u>	31.5	<u>120.3</u>	120.3	8.5	3.9	3					
						3.8	0.4	179	23.9		8.1	8.1	31.6	120.2	8.5	4.1	3							
					Bottom	6.6	0.4	210	<u>23.8</u>	23.8	8.1	8.1	<u>32.2</u>	32.2	<u>109.4</u>	109.4	7.7	8.1	3					
						6.6	0.4	212	23.8		8.1	8.1	32.2	32.2	109.4	7.7	8.9	2						
IM7	Fine	Moderate	14:20	8.7	Surface	1.0	0.2	128	<u>24.4</u>	24.4	8.1	8.1	<u>27.4</u>	27.4	<u>115.9</u>	115.9	8.3	8.2	2.4	3.1	3	3	821358	806815
						1.0	0.2	124	24.4		8.1	8.1	27.4	115.8	8.3	2.5	4							
					Middle	4.4	0.2	129	<u>24.1</u>	24.1	8.1	8.1	<u>30.4</u>	30.4	<u>114.8</u>	114.8	8.1	3.1	3					
						4.4	0.3	130	24.0		8.1	8.1	30.5	114.8	8.1	3.2	4							
					Bottom	7.7	0.2	118	<u>23.8</u>	23.8	8.1	8.1	<u>31.4</u>	31.4	<u>109.5</u>	109.6	7.7	3.6	3					
						7.7	0.2	124	23.8		8.1	8.1	31.4	31.4	109.7	7.7	3.6	3						

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

Water Quality Monitoring

Water Quality Monitoring Results on 05 May 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	13:58	6.8	Surface	1.0	0.6	95	25.0	25.0	8.4	8.3	25.9	26.0	105.3	105.3	7.5	7.3	1.0	1.3	3	3	822239	809843
						1.0	0.6	92	24.9		8.2		26.1		105.2		7.5		1.1		3			
					Middle	3.4	0.6	124	24.6	24.6	8.4	8.4	27.2	27.3	98.5	98.4	7.0	7.0	1.4	1.3	3			
						3.4	0.6	122	24.6		8.4		27.3		98.3		7.0		1.3		2			
					Bottom	5.8	0.6	119	24.6	24.6	8.4	8.4	27.7	27.7	98.6	98.5	7.0	7.0	1.6	1.6	2			
						5.8	0.6	113	24.6		8.4		27.7		98.4		7.0		1.6		3			
IM11	Sunny	Moderate	14:07	7.8	Surface	1.0	0.7	110	24.6	24.6	8.2	8.3	27.3	27.3	99.8	99.7	7.1	7.1	1.0	1.4	2	2	821503	810552
						1.0	0.7	112	24.6		8.4		27.4		99.5		7.1		1.1		2			
					Middle	3.9	0.7	106	24.5	24.5	8.4	8.4	27.9	28.0	99.0	99.0	7.0	7.0	1.2	1.2	2			
						3.9	0.7	98	24.5		8.4		28.0		99.0		7.0		1.2		2			
					Bottom	6.8	0.7	96	24.6	24.6	8.2	8.3	28.0	28.0	99.1	99.2	7.0	7.0	2.1	2.0	3			
						6.8	0.8	90	24.6		8.4		28.0		99.2		7.0		2.0		3			
IM12	Sunny	Moderate	14:14	7.0	Surface	1.0	0.7	86	24.9	24.9	8.4	8.4	27.3	27.4	100.7	100.7	7.2	7.2	1.1	2.2	3	3	821152	811503
						1.0	0.7	87	24.8		8.4		27.4		100.7		7.1		1.0		3			
					Middle	3.5	0.7	96	24.8	24.8	8.4	8.4	27.6	27.6	101.0	101.1	7.2	7.2	2.2	2.2	3			
						3.5	0.6	92	24.8		8.4		27.6		101.1		7.2		2.2		2			
					Bottom	6.0	0.7	106	24.8	24.8	8.4	8.3	27.7	27.7	101.6	101.8	7.2	7.2	3.3	3.4	3			
						6.0	0.7	103	24.8		8.3		27.6		101.9		7.2		3.4		4			
SR1A	Sunny	Moderate	14:34	5.6	Surface	1.0	0.1	104	25.3	25.3	8.1	8.1	26.1	26.1	104.8	104.6	7.4	7.4	1.0	2.8	3	3	819973	812660
						1.0	0.0	110	25.3		8.1		26.2		104.4		7.4		1.0		4			
					Middle	2.8	0.0	119	-	-	-	-	-	-	-	-	-	-	-	-	-			
						2.8	-	115	-		-		-		-		-		-		-			
					Bottom	4.6	0.0	111	25.3	25.3	8.1	8.0	26.3	26.2	103.9	103.6	7.4	7.4	4.7	4.7	2			
						4.6	0.0	107	25.3		8.0		26.2		103.2		7.3		4.7		3			
SR2	Sunny	Moderate	14:45	4.2	Surface	1.0	0.6	54	25.3	25.3	8.1	8.1	26.4	26.4	103.8	103.8	7.3	7.3	1.2	2.2	2	2	821481	814158
						1.0	0.6	61	25.3		8.1		26.4		103.7		7.3		1.0		3			
					Middle	-	0.6	35	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	0.6	29	-		-		-		-		-		-		-			
					Bottom	3.2	0.5	55	25.2	25.2	8.0	8.0	26.9	26.9	103.4	103.5	7.3	7.3	3.2	3.2	2			
						3.2	0.5	60	25.2		8.0		26.9		103.5		7.3		3.2		2			
SR3	Fine	Moderate	14:13	8.9	Surface	1.0	0.5	164	25.0	25.0	8.1	8.1	27.2	27.2	118.6	118.6	8.4	8.1	2.4	3.6	3	4	822155	807571
						1.0	0.4	162	24.9		8.1		27.2		118.6		8.4		2.4		3			
					Middle	4.5	0.5	141	24.0	24.0	8.1	8.1	29.0	29.0	108.1	108.3	7.7	7.7	4.1	4.1	4			
						4.5	0.5	144	24.0		8.1		28.9		108.4		7.7		4.5		3			
					Bottom	7.9	0.5	159	23.9	24.0	8.1	8.1	31.1	31.1	109.3	111.4	7.7	7.9	4.2	4.1	4			
						7.9	0.5	161	24.0		8.1		31.1		113.4		8.0		4.1		4			
SR4A	Fine	Moderate	15:18	8.7	Surface	1.0	0.0	75	25.0	25.0	8.2	8.2	29.2	29.2	138.8	138.8	9.7	9.4	3.3	3.4	3	3	817191	807808
						1.0	0.1	77	25.0		8.2		29.2		138.8		9.7		3.3		3			
					Middle	4.4	0.0	51	23.9	23.9	8.1	8.1	31.3	31.3	127.7	127.5	9.0	9.0	3.4	3.5	3			
						4.4	0.0	58	23.9		8.1		31.3		127.3		9.0		3.5		3			
					Bottom	7.7	0.0	79	23.8	23.8	8.1	8.1	31.4	31.4	112.4	112.4	7.9	7.9	3.5	3.7	3			
						7.7	0.1	78	23.8		8.1		31.4		112.4		7.9		3.7		3			
SR8	Sunny	Moderate	14:17	5.4	Surface	1.0	-	-	25.5	25.5	8.2	8.2	26.8	26.8	102.0	101.9	7.2	7.2	1.1	2.8	4	4	820392	811609
						1.0	-	-	25.4		8.2		26.9		101.8		7.2		1.1		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	-	-	-		-		-		-		-		-		-			
					Bottom	4.4	-	-	25.1	25.1	8.2	8.2	27.3	27.2	101.5	101.9	7.2	7.2	4.4	4.5	4			
						4.4	-	-	25.1		8.2		27.2		102.3		7.2		4.5		3			

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Water Quality Monitoring

Water Quality Monitoring Results on 05 May 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	Fine	Moderate	08:31	7.9	Surface	1.0	0.3	40	23.9	23.9	8.1	8.1	29.6	29.6	113.7	113.7	8.1	8.0	1.8	6.8	4	3	815633	804243		
						1.0	0.3	39	23.9		8.1		29.6		113.6		8.1		1.8		3					
					Middle	4.0	0.2	25	23.7	23.7	8.1	8.1	31.2	31.2	110.4	110.3	7.8	7.5	7.5	7.5	2.1				7.5	3
						4.0	0.2	23	23.7		8.1		31.3		110.1		7.8		2.1		3					
					Bottom	6.9	0.3	16	23.6	23.6	8.1	8.1	32.7	32.7	107.1	107.1	7.5	7.5	7.5	7.5	16.1				7.5	3
						6.9	0.3	21	23.6		8.1		32.7		107.1		7.5		16.6		2					
C2	Fine	Moderate	09:36	12.4	Surface	1.0	0.4	354	24.5	24.5	8.0	8.0	25.1	25.1	110.3	110.3	8.0	7.7	1.5	4.0	3	3	825673	806942		
						1.0	0.4	354	24.5		8.0		25.1		110.3		8.0		1.5		3					
					Middle	6.2	0.3	6	24.1	24.1	8.0	8.0	27.8	27.9	102.7	102.6	7.4	6.7	6.7	6.7	2.9				6.7	3
						6.2	0.4	11	24.1		8.0		27.9		102.5		7.3		3.0		3					
					Bottom	11.4	0.4	334	24.0	24.0	8.0	8.0	29.5	29.4	94.4	94.5	6.7	6.7	6.7	6.7	7.4				6.7	2
						11.4	0.4	331	24.0		8.0		29.3		94.6		6.7		7.7		2					
C3	Sunny	Moderate	09:02	9.2	Surface	1.0	0.4	244	24.4	24.4	8.1	8.1	25.9	26.0	99.1	98.8	7.2	6.6	1.0	1.4	3	3	822125	817808		
						1.0	0.4	250	24.3		8.1		26.0		98.4		7.1		1.1		2					
					Middle	4.6	0.4	238	24.2	24.2	8.2	8.2	30.4	30.4	86.7	86.7	6.1	6.2	6.2	6.2	1.2				6.2	3
						4.6	0.4	244	24.2		8.2		30.5		86.7		6.1		1.2		3					
					Bottom	8.2	0.5	268	24.3	24.3	8.2	8.2	30.4	30.4	87.3	87.4	6.1	6.2	6.2	6.2	2.0				6.2	3
						8.2	0.4	268	24.3		8.2		30.4		87.4		6.2		2.0		4					
IM1	Fine	Moderate	08:46	6.8	Surface	1.0	0.1	23	24.0	24.0	8.1	8.1	28.8	28.8	114.8	114.8	8.2	8.0	3.8	5.4	4	4	818347	806479		
						1.0	0.1	24	23.9		8.1		28.8		114.7		8.2		4.1		5					
					Middle	3.4	0.1	2	23.8	23.8	8.1	8.1	31.4	31.4	108.9	108.9	7.7	7.6	7.6	7.6	5.8				7.6	4
						3.4	0.2	2	23.8		8.1		31.4		108.9		7.7		5.7		3					
					Bottom	5.8	0.2	13	23.7	23.7	8.1	8.1	31.6	31.6	107.9	108.0	7.6	7.6	7.6	7.6	6.3				7.6	3
						5.8	0.2	16	23.7		8.1		31.6		108.0		7.6		6.5		3					
IM2	Fine	Moderate	08:52	7.1	Surface	1.0	0.2	22	24.1	24.1	8.1	8.1	29.4	29.5	113.1	112.9	8.0	7.9	2.1	3.5	3	4	819205	806230		
						1.0	0.1	23	24.1		8.1		29.5		112.7		8.0		2.1		4					
					Middle	3.6	0.1	11	23.9	23.9	8.1	8.1	30.4	30.4	109.3	109.2	7.8	7.6	7.6	7.6	2.9				7.6	3
						3.6	0.2	5	23.9		8.1		30.4		109.1		7.7		3.1		4					
					Bottom	6.1	0.2	359	23.8	23.8	8.1	8.1	31.2	31.2	107.4	107.5	7.6	7.3	7.3	7.3	5.3				7.3	4
						6.1	0.2	4	23.8		8.1		31.2		107.5		7.6		5.4		4					
IM7	Fine	Moderate	09:11	7.9	Surface	1.0	0.1	357	24.2	24.2	8.1	8.1	25.9	25.9	108.2	108.2	7.8	7.6	2.3	3.0	3	3	821347	806856		
						1.0	0.1	353	24.2		8.1		25.9		108.2		7.8		2.4		4					
					Middle	4.0	0.2	347	23.9	23.9	8.1	8.1	29.1	29.1	103.7	103.6	7.4	7.3	7.3	7.3	3.0				7.3	2
						4.0	0.2	347	23.9		8.1		29.0		103.5		7.4		2.9		2					
					Bottom	6.9	0.1	337	23.8	23.8	8.1	8.1	31.1	31.1	103.2	103.3	7.3	7.3	7.3	7.3	3.7				7.3	3
						6.9	0.1	340	23.8		8.1		31.1		103.4		7.3		3.6		3					

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 05 May 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	Moderate	10:03	8.0	Surface	1.0	0.4	293	24.5	24.5	7.9	7.9	25.6	25.7	97.2	96.8	7.0	6.7	1.1	2.3	3	4	822217	809819
						1.0	0.3	291	24.5		7.9		25.7		96.3		6.9		1.0		3			
					Middle	4.0	0.4	285	24.5	7.9	7.9	27.7	27.8	90.8	90.8	6.5	6.5	2.6	4	4				
						4.0	0.4	286	24.5	7.9	27.8	90.7		6.5		2.5		4						
					Bottom	7.0	0.4	297	24.5	24.5	7.9	7.9	28.0	27.9	91.6	92.0	6.5	6.6	3.4	6.6	4			
						7.0	0.4	296	24.5		7.9		27.9		92.3		6.6		3.5		4			
IM11	Sunny	Moderate	09:58	7.0	Surface	1.0	0.4	282	24.5	24.5	7.9	7.9	26.2	26.2	95.0	94.7	6.8	6.6	3.1	4.1	3	3	821502	810543
						1.0	0.4	277	24.5		7.9		26.2		94.4		6.8		3.2		3			
					Middle	3.5	0.3	293	24.4	24.4	7.9	7.9	28.2	28.2	89.6	89.7	6.4	6.4	4.1	6.6	2			
						3.5	0.4	291	24.4		7.9		28.2		89.7		6.4		4.1		3			
					Bottom	6.0	0.4	294	24.4	24.4	7.9	7.9	28.3	28.3	91.3	92.1	6.5	6.6	5.0	6.6	3			
						6.0	0.4	288	24.4		7.9		28.3		92.9		6.6		5.0		3			
IM12	Sunny	Moderate	09:53	9.2	Surface	1.0	0.4	262	24.6	24.6	7.9	7.9	25.3	25.3	99.9	99.7	7.2	6.8	1.6	2.9	4	4	821156	811521
						1.0	0.3	264	24.5		7.9		25.4		99.4		7.2		1.6		4			
					Middle	4.6	0.3	274	24.4	24.4	7.9	7.9	28.3	28.3	90.1	90.1	6.4	6.6	2.9	6.6	4			
						4.6	0.3	269	24.4		7.9		28.4		90.1		6.4		3.1		4			
					Bottom	8.2	0.4	267	24.4	24.4	7.9	7.9	28.6	28.6	91.8	92.3	6.5	6.6	4.0	6.6	3			
						8.2	0.5	261	24.4		7.9		28.6		92.8		6.6		4.1		3			
SR1A	Sunny	Moderate	09:43	5.0	Surface	1.0	0.0	190	24.6	24.6	7.9	7.9	26.3	26.4	98.8	99.0	7.1	7.1	1.1	1.2	2	2	819979	812661
						1.0	0.0	197	24.6		7.9		26.4		99.1		7.1		1.1		3			
					Middle	2.5	0.1	203	-	-	-	-	-	-	-	-	-	-	-	-	-			
						2.5	0.1	200	-		-		-		-		-		-		-			
					Bottom	4.0	0.1	196	24.5	24.5	7.9	7.9	26.5	26.5	99.7	99.9	7.2	7.2	1.2	7.2	2			
						4.0	0.1	192	24.4		7.9		26.4		100.1		7.2		1.2		2			
SR2	Sunny	Moderate	09:19	4.0	Surface	1.0	0.1	282	24.4	24.4	8.1	8.1	26.3	26.4	97.7	97.7	7.0	7.0	1.8	2.2	2	2	821465	814186
						1.0	0.1	277	24.4		8.1		26.4		97.7		7.0		1.7		2			
					Middle	-	0.1	269	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	0.0	270	-		-		-		-		-		-		-			
					Bottom	3.0	0.1	253	24.0	24.0	8.2	8.2	27.5	27.5	95.8	97.6	6.9	7.1	2.6	7.1	3			
						3.0	0.1	250	24.0		8.2		27.5		99.3		7.2		2.7		2			
SR3	Fine	Moderate	09:18	8.8	Surface	1.0	0.3	329	24.4	24.4	8.0	8.0	26.7	26.7	103.5	103.4	7.4	7.3	2.0	4.4	2	2	822143	807575
						1.0	0.2	328	24.4		8.0		26.8		103.2		7.4		2.0		2			
					Middle	4.4	0.3	354	24.1	24.1	8.0	8.0	28.3	28.4	99.9	99.9	7.1	7.1	4.4	7.1	2			
						4.4	0.3	351	24.1		8.0		28.5		99.8		7.1		4.6		2			
					Bottom	7.8	0.2	359	24.0	24.0	8.0	8.0	29.1	29.1	100.3	100.4	7.2	7.2	6.9	7.2	3			
						7.8	0.2	359	24.0		8.0		29.1		100.5		7.2		6.8		2			
SR4A	Fine	Moderate	08:11	8.9	Surface	1.0	0.0	130	24.2	24.2	8.0	8.0	27.5	27.5	109.6	109.6	7.9	7.7	2.3	3.2	4	4	817178	807802
						1.0	0.0	129	24.2		8.0		27.5		109.6		7.9		2.3		3			
					Middle	4.5	0.1	155	23.9	23.9	8.0	8.0	30.1	30.1	105.3	105.3	7.5	7.5	3.1	7.5	3			
						4.5	0.0	152	23.9		8.0		30.1		105.2		7.5		3.2		4			
					Bottom	7.9	0.1	144	23.9	23.9	8.0	8.0	30.7	30.7	103.4	103.5	7.3	7.3	4.3	7.3	3			
						7.9	0.1	139	23.9		8.0		30.7		103.5		7.3		4.3		4			
SR8	Sunny	Moderate	09:48	5.6	Surface	1.0	-	-	25.1	25.1	7.9	7.9	25.0	25.0	97.9	98.0	7.0	7.0	3.0	3.6	3	4	820386	811646
						1.0	-	-	25.1		7.9		25.0		98.0		7.0		3.1		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-		-		-		-		-		-		-	-			
					Bottom	4.6	-	-	24.5	24.5	7.9	7.9	27.7	27.7	89.2	89.4	6.4	6.4	4.2	6.4	4			
						4.6	-	-	24.5		7.9		27.7		89.5		6.4		4.2		4			

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 07 May 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	Calm	16:16	8.4	Surface	1.0	0.5	200	<u>24.2</u>	24.2	8.2	8.1	29.7	29.7	135.1	134.0	9.6	8.9	1.9	3.0	2	3	815623	804267
						1.0	0.5	203	24.2		8.1		29.7		132.8		9.4		2.0		3			
					Middle	4.2	0.5	195	<u>24.1</u>	8.1	8.1	<u>32.5</u>	32.6	119.2	119.1	8.3	2.9	2						
						4.2	0.5	192	24.1	8.1	8.1	32.6		118.9		8.3	2.9	3						
					Bottom	7.4	0.4	214	<u>24.2</u>	24.2	8.1	8.1	<u>32.6</u>	32.6	118.7	118.8	8.3	4.1	3					
						7.4	0.5	218	24.2		8.1		32.6		118.8		8.3	4.2	3					
C2	Rainy	Calm	15:26	10.0	Surface	1.0	0.5	163	<u>25.9</u>	25.9	8.1	8.1	21.1	21.1	118.1	117.5	8.5	8.2	1.8	3.0	2	2	825675	806931
						1.0	0.5	168	25.8		8.1		21.1		116.9		8.4		1.7		2			
					Middle	5.0	0.4	166	<u>24.6</u>	24.6	8.1	8.1	28.4	28.4	112.0	112.1	7.9	3.3	2					
						5.0	0.4	168	24.6		8.1		8.1		28.4		112.2	8.0	3.2	2				
					Bottom	9.0	0.5	179	<u>24.2</u>	24.3	8.0	8.0	<u>31.0</u>	30.9	96.7	98.2	6.8	4.1	2					
						9.0	0.4	177	24.3		8.0		30.7		99.7		7.0	6.9	4.1	3				
C3	Cloudy	Moderate	16:29	10.7	Surface	1.0	0.5	71	<u>25.4</u>	25.4	8.0	8.0	26.0	26.0	121.9	121.9	8.6	8.2	2.4	2.6	3	4	822118	817788
						1.0	0.5	69	25.4		8.0		26.0		121.9		8.6		2.4		4			
					Middle	5.4	0.5	74	<u>25.1</u>	25.1	8.0	8.0	27.5	27.5	109.1	109.2	7.7	2.2	3					
						5.4	0.5	75	25.1		8.0		27.5		109.3		7.7	2.3	4					
					Bottom	9.7	0.4	96	<u>24.7</u>	24.7	8.0	8.0	<u>29.8</u>	29.8	98.9	98.9	6.9	3.1	4					
						9.7	0.5	97	24.7		8.0		29.8		98.9		6.9	3.2	4					
IM1	Rainy	Calm	16:11	7.2	Surface	1.0	0.3	185	<u>24.2</u>	24.2	8.2	8.2	31.9	32.0	130.2	130.0	9.1	8.8	2.0	3.2	4	4	818336	806444
						1.0	0.3	189	24.1		8.2		32.1		129.8		9.1		2.1		4			
					Middle	3.6	0.4	189	<u>24.0</u>	24.0	8.2	8.2	32.6	32.6	125.2	122.9	8.7	3.3	5					
						3.6	0.3	190	24.0		8.2		32.6		120.6		8.4	3.5	4					
					Bottom	6.2	0.4	205	<u>24.0</u>	24.1	8.2	8.2	<u>32.7</u>	32.7	120.3	120.5	8.4	4.1	5					
						6.2	0.4	200	24.1		8.2		32.7		120.7		8.4	4.2	4					
IM2	Rainy	Calm	16:05	7.0	Surface	1.0	0.3	205	<u>24.5</u>	24.5	8.2	8.2	30.6	30.6	138.2	137.5	9.7	9.1	1.1	1.7	3	3	819181	806250
						1.0	0.4	202	24.4		8.2		30.7		136.7		9.6		1.0		3			
					Middle	3.5	0.3	184	<u>24.2</u>	24.2	8.1	8.1	31.3	31.3	123.2	123.1	8.6	1.6	3					
						3.5	0.3	180	24.2		8.2		31.3		123.0		8.6	1.6	3					
					Bottom	6.0	0.3	181	<u>24.2</u>	24.2	8.2	8.2	31.4	31.4	122.0	121.7	8.6	2.4	2					
						6.0	0.3	183	24.2		8.2		31.4		121.4		8.5	2.4	3					
IM7	Rainy	Calm	15:48	7.4	Surface	1.0	0.3	175	<u>25.9</u>	25.9	8.2	8.2	23.1	23.1	138.3	137.7	9.9	9.0	1.0	1.5	3	3	821340	806829
						1.0	0.3	173	25.9		8.2		23.1		137.1		9.8		1.1		3			
					Middle	3.7	0.3	161	<u>24.5</u>	24.5	8.1	8.1	28.2	28.2	113.4	113.9	8.1	1.1	3					
						3.7	0.3	161	24.5		8.1		28.2		114.4		8.1	1.1	3					
					Bottom	6.4	0.3	152	<u>24.3</u>	24.3	8.1	8.1	<u>31.0</u>	31.0	119.8	119.7	8.4	2.4	3					
						6.4	0.3	145	24.3		8.1		31.0		119.6		8.4	2.3	3					

DA: Depth-Averaged

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 07 May 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	15:22	8.2	Surface	1.0	0.4	119	26.0	26.0	8.0	8.0	20.8	20.8	123.2	123.2	8.9	8.5	2.2	2.3	2	2	822256	809826					
						1.0	0.4	118	26.0		8.0	8.0	20.8	20.8	123.1	123.2	8.9	8.5	2.2	2.3	3								
					Middle	4.1	0.5	103	25.6	25.6	8.0	8.0	23.5	23.5	113.7	113.6	8.1	8.1	2.2	2.3	2				2				
						4.1	0.5	96	25.6		8.0	8.0	23.6	23.5	113.4	113.6	8.1	8.1	2.2	2.3	2								
					Bottom	7.2	0.4	135	25.1	25.1	8.0	8.0	26.9	26.9	105.2	105.2	7.5	7.5	2.6	2.3	2					2			
						7.2	0.4	131	25.1		8.0	8.0	26.9	26.9	105.2	105.2	7.5	7.5	2.6	2.3	2								
IM11	Rainy	Moderate	15:28	7.9	Surface	1.0	0.6	81	26.4	26.4	8.0	8.0	21.7	21.7	125.9	126.0	9.0	8.1	9.7	5.4	<2	2	821514	810546					
						1.0	0.6	86	26.4		8.0	8.0	21.7	21.7	126.1	126.0	9.0	8.1	9.8	5.4	<2								
					Middle	4.0	0.6	80	25.2	25.2	7.9	7.9	26.4	26.4	102.4	102.4	7.3	7.2	3.2	5.4	3				2				
						4.0	0.6	86	25.2		7.9	7.9	26.4	26.4	102.3	102.4	7.2	7.2	3.2	5.4	2								
					Bottom	6.9	0.5	113	25.2	25.2	7.9	7.9	26.6	26.6	101.7	101.7	7.2	7.2	3.3	5.4	2					2			
						6.9	0.6	111	25.2		7.9	7.9	26.6	26.6	101.7	101.7	7.2	7.2	3.3	5.4	3								
IM12	Rainy	Moderate	15:33	8.8	Surface	1.0	0.6	86	26.1	26.1	8.0	8.0	21.4	21.4	123.5	123.5	8.9	8.3	2.0	2.8	3	2	821163	811512					
						1.0	0.6	79	26.1		8.0	8.0	21.4	21.4	123.4	123.5	8.9	8.3	2.0	2.8	2								
					Middle	4.4	0.6	88	25.3	25.3	7.9	7.9	25.4	25.4	106.5	106.6	7.6	7.6	2.7	2.8	<2				2				
						4.4	0.6	91	25.2		7.9	7.9	25.3	25.4	106.6	106.6	7.6	7.6	2.8	2.8	<2								
					Bottom	7.8	0.6	123	25.0	25.0	7.9	7.9	27.7	27.7	96.5	96.6	6.8	6.8	3.5	2.8	<2					2			
						7.8	0.5	121	25.0		7.9	7.9	27.7	27.7	96.6	96.6	6.8	6.8	3.6	2.8	<2								
SR1A	Rainy	Moderate	15:58	5.3	Surface	1.0	0.1	94	25.7	25.7	7.9	7.9	23.9	23.9	115.0	114.9	8.2	8.2	2.8	6.7	2	2	819978	812666					
						1.0	0.0	96	25.6		7.9	7.9	23.9	23.9	114.7	114.9	8.2	8.2	2.8	6.7	3								
					Middle	2.7	0.0	102	-	-	-	-	-	-	-	-	-	-	-	-	-				-		6.7	-	2
						2.7	0.1	97	-		-	-	-	-	-	-	-	-	-	-	-				-		-	6.7	
					Bottom	4.3	0.1	97	25.4	25.5	7.9	7.9	26.7	26.7	101.5	101.7	7.2	7.2	10.2	7.2	7.2				7.2	10.2	6.7	2	
						4.3	0.1	97	25.5		7.9	7.9	26.7	26.7	101.7	101.7	7.2	7.2	10.8	7.2	7.2				7.2	10.8	6.7	2	
SR2	Cloudy	Moderate	16:11	5.0	Surface	1.0	0.6	58	25.6	25.6	8.0	8.0	23.9	23.9	118.5	118.4	8.5	8.5	2.3	2.5	3	3	821473	814158					
						1.0	0.6	59	25.6		8.0	8.0	23.9	23.9	118.2	118.4	8.4	8.5	2.3	2.5	2								
					Middle	-	0.5	53	-	-	-	-	-	-	-	-	-	-	-	-	-				-	2.5	-	3	
						-	0.5	58	-		-	-	-	-	-	-	-	-	-	-	-				-	-	2.5		-
					Bottom	4.0	0.6	70	25.2	25.3	7.9	7.9	26.8	26.7	101.2	101.2	7.2	7.2	2.7	7.2	7.2				7.2	2.7	2.5		3
						4.0	0.6	76	25.3		7.9	7.9	26.7	26.7	101.2	101.2	7.2	7.2	2.8	7.2	7.2				7.2	2.8	2.5		3
SR3	Rainy	Calm	15:42	8.6	Surface	1.0	0.5	169	24.8	24.8	8.1	8.1	26.6	26.5	121.1	121.0	8.6	8.5	1.0	1.3	2	2	822141	807568					
						1.0	0.5	164	24.8		8.1	8.1	26.4	26.5	120.9	121.0	8.6	8.5	1.1	1.3	2								
					Middle	4.3	0.5	175	24.7	24.7	8.1	8.1	28.5	28.6	117.2	117.3	8.3	8.3	1.1	8.3	8.3				8.3	1.1	1.3	2	
						4.3	0.5	174	24.7		8.1	8.1	28.7	28.6	117.3	117.3	8.3	8.3	1.1	8.3	8.3				8.3	1.1	1.3	2	
					Bottom	7.6	0.4	167	24.8	24.9	8.1	8.1	29.1	29.0	117.5	117.5	8.3	8.3	1.8	8.3	8.3				8.3	1.8	1.3	2	
						7.6	0.4	165	24.9		8.1	8.1	29.0	29.0	117.4	117.5	8.2	8.3	1.7	8.3	8.3				8.3	1.7	1.3	3	
SR4A	Rainy	Calm	16:36	9.0	Surface	1.0	0.1	27	24.2	24.3	8.1	8.1	31.7	31.8	131.1	130.9	9.2	9.1	1.3	2.9	3	3	817189	807817					
						1.0	0.0	26	24.3		8.1	8.1	31.8	31.8	130.7	130.9	9.1	9.1	1.4	2.9	3								
					Middle	4.5	0.0	33	24.4	24.5	8.1	8.1	32.1	32.1	129.4	129.3	9.0	9.0	2.6	9.1	9.1				9.1	2.6	2.9	3	
						4.5	0.0	37	24.5		8.1	8.1	32.1	32.1	129.1	129.3	9.0	9.0	2.8	9.1	9.1				9.1	2.8	2.9	3	
					Bottom	8.0	0.0	20	24.7	24.7	8.2	8.2	32.0	31.9	130.6	133.3	9.1	9.3	4.7	9.3	9.3				9.3	4.7	2.9	3	
						8.0	0.1	16	24.7		8.2	8.2	31.9	31.9	136.0	133.3	9.4	9.3	4.7	9.3	9.3				9.3	4.7	2.9	2	
SR8	Rainy	Moderate	15:38	5.4	Surface	1.0	-	-	26.2	26.2	7.9	7.9	23.3	23.3	119.1	119.0	8.4	8.4	5.5	6.4	3	3	820406	811605					
						1.0	-	-	26.2		7.9	7.9	23.4	23.3	118.8	119.0	8.4	8.4	5.3	6.4	2								
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	6.4	-	3	
						-	-	-	-		-	-	-	-	-	-	-	-	-	-	-				-	-	6.4		-
					Bottom	4.4	-	-	26.3	26.3	7.9	7.9	24.4	24.4	108.6	108.6	7.6	7.6	7.5	7.6	7.6				7.6	7.5	6.4		3
						4.4	-	-	26.3		7.9	7.9	24.4	24.4	108.5	108.6	7.6	7.6	7.3	7.6	7.6				7.6	7.3	6.4		3

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 07 May 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		
C1	Rainy	Calm	05:05	7.4	Surface	1.0	0.1	170	24.0	24.0	8.1	8.1	32.5	32.5	121.7	121.5	8.5	8.5	1.8	2.7	3	3	815637	804254
						1.0	0.0	174	24.0	8.1	8.1	32.6	32.6	121.3	121.5	8.5	8.5	1.9	2.7	4				
					Middle	3.7	0.0	186	24.0	24.0	8.1	8.1	32.9	33.0	120.2	120.1	8.4	8.5	2.4	2.7	2			
						3.7	-	191	24.0	24.0	8.1	8.1	33.0	33.0	119.9	120.1	8.4	8.5	2.6	2.7	3			
					Bottom	6.4	0.1	159	23.9	23.9	8.1	8.1	33.6	33.5	116.1	116.4	8.1	8.1	3.8	2.7	2			
						6.4	0.1	165	23.9	23.9	8.1	8.1	33.5	33.5	116.7	116.4	8.1	8.1	3.6	2.7	3			
C2	Rainy	Calm	06:08	10.2	Surface	1.0	0.3	186	25.1	25.1	8.1	8.1	24.3	24.2	124.8	124.8	9.0	8.8	1.5	1.9	<2	<2	825674	806959
						1.0	0.3	191	25.0	25.1	8.1	8.1	24.1	24.2	124.7	124.8	9.0	8.8	1.6	1.9	<2			
					Middle	5.1	0.2	184	24.9	24.9	8.1	8.1	27.7	27.7	122.4	122.3	8.7	8.6	2.0	1.9	<2			
						5.1	0.2	190	24.9	24.9	8.1	8.1	27.7	27.7	122.1	122.3	8.6	8.6	2.0	1.9	<2			
					Bottom	9.2	0.2	194	24.9	24.9	8.1	8.1	27.5	27.4	120.7	120.3	8.6	8.6	2.0	1.9	<2			
						9.2	0.2	192	24.9	24.9	8.1	8.1	27.3	27.4	119.9	120.3	8.5	8.6	2.1	1.9	<2			
C3	Cloudy	Moderate	03:24	11.1	Surface	1.0	0.1	268	24.9	24.9	7.9	7.9	25.5	25.5	108.1	107.8	7.7	7.0	3.5	4.9	2	2	822090	817798
						1.0	0.1	267	24.8	24.9	7.9	7.9	25.6	25.5	107.4	107.8	7.7	7.0	3.6	4.9	2			
					Middle	5.6	0.0	266	24.6	24.6	8.0	8.0	30.6	30.6	90.8	90.7	6.4	6.2	3.6	4.9	2			
						5.6	0.0	271	24.6	24.6	8.0	8.0	30.7	30.6	90.6	90.7	6.3	6.2	3.6	4.9	3			
					Bottom	10.1	0.0	260	24.5	24.5	8.0	8.0	31.2	31.2	88.9	88.9	6.2	6.2	7.2	4.9	2			
						10.1	0.1	260	24.5	24.5	8.0	8.0	31.2	31.2	88.8	88.9	6.2	6.2	7.9	4.9	3			
IM1	Rainy	Calm	05:20	6.4	Surface	1.0	0.1	147	25.0	25.0	8.2	8.2	27.5	27.6	143.8	143.7	10.2	9.8	2.0	2.6	3	3	818358	806441
						1.0	0.1	152	24.9	25.0	8.2	8.2	27.7	27.6	143.6	143.7	10.2	9.8	2.2	2.6	3			
					Middle	3.2	-	176	24.3	24.3	8.2	8.2	29.4	29.4	133.6	132.4	9.5	9.1	3.0	2.6	3			
						3.2	0.0	181	24.3	24.3	8.2	8.2	29.3	29.4	131.2	132.4	9.3	9.1	3.0	2.6	4			
					Bottom	5.4	0.0	153	24.7	24.8	8.2	8.2	31.7	31.6	127.3	127.7	8.8	8.9	2.7	2.6	3			
						5.4	0.0	150	24.8	24.8	8.2	8.2	31.6	31.6	128.0	127.7	8.9	8.9	2.6	2.6	4			
IM2	Rainy	Calm	05:26	7.2	Surface	1.0	0.1	204	24.7	24.7	8.2	8.2	29.4	29.5	134.2	134.3	9.4	9.1	2.4	2.8	3	3	819167	806234
						1.0	0.2	202	24.7	24.7	8.2	8.2	29.5	29.5	134.3	134.3	9.4	9.1	2.5	2.8	3			
					Middle	3.6	0.1	221	24.4	24.4	8.1	8.1	30.7	30.7	125.8	125.7	8.8	8.8	3.0	2.8	3			
						3.6	0.1	221	24.4	24.4	8.1	8.1	30.7	30.7	125.6	125.7	8.8	8.8	3.0	2.8	4			
					Bottom	6.2	0.1	193	24.4	24.4	8.1	8.1	30.8	30.7	125.1	125.2	8.8	8.8	2.9	2.8	3			
						6.2	0.1	192	24.4	24.4	8.1	8.1	30.7	30.7	125.3	125.2	8.8	8.8	3.0	2.8	4			
IM7	Rainy	Calm	05:44	8.2	Surface	1.0	0.1	188	24.8	24.8	8.1	8.1	23.6	23.7	123.2	122.8	8.9	8.6	1.7	2.0	3	3	821327	806818
						1.0	0.1	180	24.7	24.8	8.1	8.1	23.9	23.7	122.3	122.8	8.9	8.6	1.9	2.0	3			
					Middle	4.1	0.1	201	24.4	24.4	8.1	8.1	28.4	28.5	118.0	117.8	8.4	8.3	2.1	2.0	4			
						4.1	0.2	199	24.4	24.4	8.1	8.1	28.7	28.5	117.6	117.8	8.3	8.3	2.2	2.0	2			
					Bottom	7.2	0.0	202	24.5	24.5	8.1	8.1	30.6	30.6	117.3	117.3	8.2	8.2	2.0	2.0	3			
						7.2	0.1	201	24.5	24.5	8.1	8.1	30.6	30.6	117.2	117.3	8.2	8.2	2.0	2.0	2			

DA: Depth-Averaged

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

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

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Water Quality Monitoring

Water Quality Monitoring Results on 07 May 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	Cloudy	Moderate	04:32	8.0	Surface	1.0	0.1	96	25.9	25.9	8.0	8.0	22.5	22.5	107.9	107.9	7.7	7.3	2.1	3.1	2	2	822216	809852
						1.0	0.2	98	25.9		8.0	8.0	22.5	22.5	107.8	107.9	7.7		2.1		2			
					Middle	4.0	0.2	98	25.1	25.1	8.0	8.0	27.2	27.3	98.1	97.8	6.9	6.7	3.1	2				
						4.0	0.2	96	25.0		8.0	8.0	27.4	27.9	97.4	97.8	6.9		3.1	2				
					Bottom	7.0	0.2	128	25.0	25.0	8.0	8.0	27.9	27.9	94.7	94.8	6.7	6.7	4.2	3				
						7.0	0.2	130	25.0		8.0	8.0	27.9	27.9	94.9	94.8	6.7		4.3	2				
IM11	Cloudy	Moderate	04:26	8.7	Surface	1.0	0.3	81	25.3	25.3	8.0	8.0	23.8	23.8	103.2	103.2	7.4	7.0	6.8	4.6	3	2	821482	810522
						1.0	0.3	81	25.2		8.0	8.0	23.8	23.8	103.1	103.2	7.4		6.9		2			
					Middle	4.4	0.3	102	24.9	24.9	8.0	8.0	28.1	28.1	92.6	92.6	6.5	6.6	3.3	<2				
						4.4	0.3	99	24.9		8.0	8.0	28.2	28.3	92.5	92.6	6.5		3.4	<2				
					Bottom	7.7	0.3	93	24.9	24.9	8.0	8.0	28.3	28.3	92.9	93.0	6.6	6.6	3.6	<2				
						7.7	0.2	93	24.9		8.0	8.0	28.2	28.3	93.1	93.0	6.6		3.6	<2				
IM12	Cloudy	Moderate	04:20	9.1	Surface	1.0	0.2	89	25.2	25.2	8.0	8.0	23.1	23.1	105.0	104.9	7.6	7.0	2.6	7.3	2	2	821175	811518
						1.0	0.2	95	25.2		8.0	8.0	23.1	23.1	104.8	104.9	7.6		2.7		2			
					Middle	4.6	0.2	81	24.8	24.8	8.0	8.0	28.9	28.9	90.2	90.2	6.4	6.4	8.5	2				
						4.6	0.2	75	24.7		8.0	8.0	28.9	29.0	90.1	90.2	6.4		8.9	3				
					Bottom	8.1	0.2	74	24.8	24.8	8.0	8.0	29.0	29.0	90.7	90.8	6.4	6.4	10.6	2				
						8.1	0.2	77	24.8		8.0	8.0	29.0	29.0	90.8	90.8	6.4		10.5	2				
SR1A	Cloudy	Moderate	03:54	5.4	Surface	1.0	0.0	165	25.4	25.4	8.0	8.0	23.7	23.7	102.0	101.9	7.3	7.3	2.8	3.2	2	3	819977	812666
						1.0	-	163	25.4		8.0	8.0	23.7	23.7	101.7	101.9	7.3		2.9		2			
					Middle	2.7	0.1	179	-	-	-	-	-	-	-	-	-	-	-	-				
						2.7	0.0	174	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.4	0.0	148	25.5	25.6	8.0	8.0	25.4	25.3	100.5	100.6	7.1	7.1	3.5	3				
						4.4	0.0	144	25.6		8.0	8.0	25.3	25.3	100.6	100.6	7.1		3.5	3				
SR2	Cloudy	Moderate	03:42	5.2	Surface	1.0	0.2	33	25.1	25.1	8.0	8.0	24.3	24.3	107.2	107.1	7.7	7.7	2.7	3.5	2	2	821462	814163
						1.0	0.2	36	25.1		8.0	8.0	24.3	24.3	106.9	107.1	7.7		2.8		3			
					Middle	-	0.1	34	-	-	-	-	-	-	-	-	-	-	-	-				
						-	0.1	31	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.2	0.1	49	25.0	25.0	8.0	8.0	27.9	27.9	99.0	99.1	7.0	7.0	4.3	2				
						4.2	0.1	51	25.0		8.0	8.0	27.9	27.9	99.1	99.1	7.0		4.2	2				
SR3	Rainy	Calm	05:50	8.4	Surface	1.0	0.3	146	26.1	26.1	8.1	8.1	21.8	21.8	120.5	120.4	8.6	8.4	1.2	2.6	3	3	822154	807574
						1.0	0.3	141	26.1		8.1	8.1	21.8	21.8	120.2	120.4	8.6		1.2		3			
					Middle	4.2	0.2	161	24.8	24.8	8.1	8.1	26.5	26.5	114.9	114.8	8.2	8.3	2.6	3				
						4.2	0.1	160	24.8		8.1	8.1	26.5	26.5	114.7	114.8	8.2		2.8	3				
					Bottom	7.4	0.2	144	24.7	24.7	8.1	8.1	29.6	29.5	113.6	113.6	8.0	8.0	3.9	3				
						7.4	0.3	149	24.7		8.1	8.1	29.5	29.5	113.5	113.6	8.0		3.9	3				
SR4A	Rainy	Calm	04:46	9.2	Surface	1.0	0.0	297	24.8	24.8	8.1	8.1	26.4	26.5	133.4	133.1	9.5	8.9	3.0	5.7	2	2	817205	807831
						1.0	0.1	290	24.7		8.1	8.1	26.5	26.5	132.8	133.1	9.5		3.4		2			
					Middle	4.6	0.0	320	24.4	24.4	8.1	8.1	30.6	30.6	117.8	117.7	8.3	8.3	6.1	2				
						4.6	0.0	318	24.4		8.1	8.1	30.7	30.8	117.6	117.7	8.3		5.8	2				
					Bottom	8.2	0.0	315	24.4	24.4	8.1	8.1	30.8	30.8	117.8	117.9	8.3	8.3	8.1	2				
						8.2	0.0	318	24.4		8.1	8.1	30.8	30.8	117.9	117.9	8.3		7.9	3				
SR8	Cloudy	Moderate	04:15	5.2	Surface	1.0	-	-	25.6	25.6	8.0	8.0	22.4	22.4	107.0	106.9	7.7	7.7	3.1	5.2	2	2	820410	811608
						1.0	-	-	25.5		8.0	8.0	22.4	22.4	106.8	106.9	7.7		3.3		2			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.2	-	-	25.1	25.1	8.0	8.0	27.3	27.3	99.5	99.6	7.0	7.0	7.4	2				
						4.2	-	-	25.1		8.0	8.0	27.3	27.3	99.7	99.6	7.0		7.1	2				

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

Water Quality Monitoring

Water Quality Monitoring Results on 10 May 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	Fine	Moderate	20:08	7.7	Surface	1.0	0.4	212	<u>25.5</u>	25.5	8.1	8.1	<u>25.6</u>	25.6	<u>131.8</u>	131.7	9.3	9.0	2.9	6.2	3	3	815607	804242
						1.0	0.4	217	25.4		8.1	8.1	25.7	131.6	9.3	3.3	2							
					Middle	3.9	0.4	225	25.0	8.1	8.1	<u>26.5</u>	26.6	<u>123.5</u>	123.0	8.8	7.2	3						
						3.9	0.4	218	24.9	8.1	8.1	<u>26.6</u>	26.6	<u>122.5</u>	123.0	8.7	7.2	2						
					Bottom	6.7	0.5	211	<u>24.7</u>	8.1	8.1	<u>31.0</u>	31.0	<u>108.8</u>	108.8	7.6	8.3	2						
						6.7	0.5	212	24.7	8.1	8.1	<u>31.0</u>	31.0	<u>108.8</u>	108.8	7.6	8.4	3						
C2	Fine	Moderate	19:00	11.2	Surface	1.0	0.3	168	<u>25.6</u>	25.6	8.0	8.0	<u>23.7</u>	23.7	<u>124.2</u>	123.9	8.9	8.0	3.2	3.7	5	4	825693	806928
						1.0	0.3	163	25.6		8.0	8.0	23.7	123.5	8.8	3.2	4							
					Middle	5.6	0.3	177	25.0	7.9	7.9	<u>27.4</u>	27.5	<u>101.1</u>	101.0	7.2	3.7	4						
						5.6	0.3	171	24.9	7.9	7.9	<u>27.7</u>	27.5	<u>100.8</u>	101.0	7.1	3.9	4						
					Bottom	10.2	0.4	163	24.9	7.9	7.9	<u>28.8</u>	28.8	<u>91.7</u>	91.7	6.5	4.3	4						
						10.2	0.4	158	24.9	7.9	7.9	<u>28.8</u>	28.8	<u>91.6</u>	91.7	6.4	4.2	4						
C3	Rainy	Moderate	19:56	11.0	Surface	1.0	0.4	72	<u>24.6</u>	24.6	8.1	8.1	<u>30.5</u>	30.5	<u>123.0</u>	123.0	8.6	8.3	1.1	1.2	3	3	822106	817781
						1.0	0.4	74	24.6		8.1	8.1	<u>30.5</u>	30.5	<u>122.9</u>	123.0	8.6		1.0		4			
					Middle	5.5	0.3	61	24.8	8.2	8.2	<u>30.7</u>	30.7	<u>114.0</u>	114.0	7.9	1.1	2						
						5.5	0.3	55	24.8	8.2	8.2	<u>30.7</u>	30.7	<u>114.0</u>	114.0	7.9	1.2	3						
					Bottom	10.0	0.3	96	25.1	8.2	8.2	<u>30.4</u>	30.2	<u>114.9</u>	115.3	8.0	1.3	2						
						10.0	0.3	101	25.2	8.2	8.2	<u>30.1</u>	30.2	<u>115.7</u>	115.3	8.0	1.3	3						
IM1	Fine	Moderate	19:51	6.5	Surface	1.0	0.3	183	<u>25.1</u>	25.1	8.0	8.0	<u>26.1</u>	26.1	<u>124.0</u>	124.0	8.8	8.5	2.3	3.8	2	2	818330	806450
						1.0	0.3	175	25.1		8.0	8.0	<u>26.1</u>	26.1	<u>124.0</u>	124.0	8.8		2.3		2			
					Middle	3.3	0.3	188	25.0	8.0	8.0	<u>28.8</u>	28.8	<u>117.5</u>	117.4	8.3	3.3	2						
						3.3	0.3	192	25.0	8.0	8.0	<u>28.9</u>	28.8	<u>117.3</u>	117.4	8.2	3.5	3						
					Bottom	5.5	0.3	194	24.9	8.0	8.0	<u>29.6</u>	29.6	<u>109.6</u>	109.6	7.7	5.5	3						
						5.5	0.3	196	24.9	8.0	8.0	<u>29.6</u>	29.6	<u>109.5</u>	109.6	7.7	5.7	2						
IM2	Fine	Moderate	19:46	6.7	Surface	1.0	0.3	187	<u>25.4</u>	25.4	8.1	8.1	<u>24.7</u>	24.7	<u>124.9</u>	124.9	8.9	8.5	2.2	3.3	4	3	819195	806234
						1.0	0.3	180	25.4		8.1	8.1	<u>24.7</u>	24.7	<u>124.9</u>	124.9	8.9		2.2		3			
					Middle	3.4	0.3	200	25.1	8.0	8.0	<u>27.9</u>	27.9	<u>115.1</u>	115.0	8.1	3.2	4						
						3.4	0.2	203	25.1	8.0	8.0	<u>27.9</u>	27.9	<u>114.9</u>	115.0	8.1	3.3	3						
					Bottom	5.7	0.3	193	24.9	8.0	8.0	<u>29.4</u>	29.4	<u>108.2</u>	108.1	7.6	4.3	3						
						5.7	0.4	189	24.9	8.0	8.0	<u>29.4</u>	29.4	<u>107.9</u>	108.1	7.6	4.5	3						
IM7	Fine	Moderate	19:27	8.1	Surface	1.0	0.3	187	<u>25.3</u>	25.3	8.0	8.0	<u>26.0</u>	26.1	<u>111.9</u>	112.1	7.9	8.1	2.6	3.4	3	4	821365	806852
						1.0	0.2	188	25.3		8.0	8.0	<u>26.1</u>	26.1	<u>112.2</u>	112.1	8.0		2.6		3			
					Middle	4.1	0.3	167	25.1	8.0	8.0	<u>27.4</u>	27.5	<u>117.5</u>	117.4	8.3	3.3	4						
						4.1	0.3	165	25.1	8.0	8.0	<u>27.5</u>	27.5	<u>117.3</u>	117.4	8.3	3.4	4						
					Bottom	7.1	0.2	179	25.0	8.0	8.0	<u>28.1</u>	28.1	<u>110.1</u>	110.2	7.8	4.3	4						
						7.1	0.3	179	25.0	8.0	8.0	<u>28.1</u>	28.1	<u>110.3</u>	110.2	7.8	4.3	4						

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Water Quality Monitoring

Water Quality Monitoring Results on 10 May 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	18:50	8.4	Surface	1.0	0.3	120	24.6	24.6	8.2	8.1	29.3	29.4	117.6	116.4	8.3	7.9	1.5	1.9	3	5	822229	809857
						1.0	0.3	121	24.6		8.1		29.4		115.2		8.1		1.6					
					Middle	4.2	0.3	99	24.6	8.1	8.1	29.8	29.8	106.6	106.6	7.5	1.9	4						
						4.2	0.3	97	24.6	8.2	29.8	106.6	7.5	2.1										
					Bottom	7.4	0.3	116	24.6	8.2	8.2	29.8	29.8	106.7	106.8	7.5	7.5	2.1	5					
						7.4	0.4	119	24.6	8.2	29.8	106.8	7.5	2.1	6									
IM11	Rainy	Moderate	18:57	7.6	Surface	1.0	0.4	108	24.7	24.7	8.0	8.0	29.1	29.1	109.4	108.9	7.7	7.3	1.0	1.2	3	3	821479	810546
						1.0	0.4	108	24.7		8.0		29.2		108.4		7.6		1.0					
					Middle	3.8	0.4	107	24.7	8.0	8.0	29.3	29.3	98.9	98.9	7.0	1.1	4						
						3.8	0.4	100	24.7	8.0	29.3	98.8	7.0	1.1	3									
					Bottom	6.6	0.4	84	24.7	8.0	8.0	29.3	29.3	100.7	101.6	7.1	7.2	1.5	3					
						6.6	0.4	80	24.8	8.0	29.3	102.4	7.2	1.5	3									
IM12	Rainy	Moderate	19:02	8.0	Surface	1.0	0.4	86	24.7	24.7	8.0	8.0	29.0	29.0	107.7	107.5	7.6	7.4	1.1	1.3	2	2	821183	811502
						1.0	0.4	88	24.7		8.0		29.0		107.3		7.6		1.0					
					Middle	4.0	0.4	107	24.8	8.0	8.0	28.8	28.7	102.6	102.8	7.2	1.1	2						
						4.0	0.5	104	24.8	8.0	28.7	103.0	7.3	1.2	3									
					Bottom	7.0	0.4	106	24.9	8.0	8.0	28.5	28.4	104.9	106.1	7.4	7.5	1.7	3					
						7.0	0.4	103	24.9	8.0	28.3	107.2	7.6	1.7	2									
SR1A	Rainy	Moderate	19:24	5.6	Surface	1.0	0.0	127	24.7	24.7	8.1	8.1	29.5	29.5	110.9	110.2	7.8	7.8	4.1	4.6	4	4	819973	812665
						1.0	0.0	123	24.7		8.1		29.6		109.5		7.7		4.1					
					Middle	2.8	0.0	135	-	-	-	-	-	-	-	-	-	-	-					
						2.8	0.0	137	-	-	-	-	-	-	-	-	-	-						
					Bottom	4.6	0.1	120	25.0	8.1	8.1	29.7	29.7	105.8	106.1	7.4	7.4	5.0	4					
						4.6	-	126	25.1	8.1	29.7	106.4	7.4	5.0	3									
SR2	Rainy	Moderate	19:37	4.8	Surface	1.0	0.5	55	25.1	25.1	8.2	8.2	27.6	27.6	121.0	120.8	8.5	8.5	1.0	1.6	3	3	821477	814181
						1.0	0.4	57	25.1		8.2		27.6		120.6		8.5		1.1					
					Middle	-	0.4	30	-	-	-	-	-	-	-	-	-	-						
						-	0.5	34	-	-	-	-	-	-	-	-	-	-						
					Bottom	3.8	0.5	33	25.3	8.2	8.2	27.8	27.7	118.1	117.4	8.3	8.3	2.2	4					
						3.8	0.4	32	25.4	8.2	27.6	116.7	8.2	2.1	3									
SR3	Fine	Moderate	19:21	8.9	Surface	1.0	0.4	158	25.4	25.4	8.0	8.0	25.4	25.4	109.0	109.0	7.8	7.5	2.6	4.5	4	4	822141	807590
						1.0	0.4	163	25.4		8.0		25.4		109.0		7.7		2.6					
					Middle	4.5	0.3	172	25.0	8.0	8.0	27.3	27.4	102.5	102.6	7.2	3.9	4						
						4.5	0.4	173	25.0	8.0	27.5	102.6	7.3	4.1	5									
					Bottom	7.9	0.4	160	25.0	8.0	8.0	28.3	28.3	104.4	104.4	7.3	7.3	6.6	4					
						7.9	0.4	163	25.0	8.0	28.2	104.3	7.3	6.9	5									
SR4A	Fine	Moderate	20:29	8.7	Surface	1.0	0.1	57	25.5	25.5	8.2	8.2	26.3	26.3	125.2	125.1	8.8	8.5	2.8	3.9	3	4	817181	807808
						1.0	0.1	51	25.5		8.2		26.3		125.0		8.8		2.8					
					Middle	4.4	0.0	69	25.0	8.2	8.1	28.9	28.9	116.5	116.4	8.2	3.8	4						
						4.4	0.0	75	25.0	8.1	29.0	116.2	8.1	4.0	3									
					Bottom	7.7	0.0	64	25.0	8.1	8.1	29.5	29.5	106.6	106.8	7.5	7.5	5.0	5					
						7.7	0.1	71	25.0	8.1	29.6	107.0	7.5	5.3	4									
SR8	Rainy	Moderate	19:07	5.6	Surface	1.0	-	-	25.1	25.1	8.1	8.1	28.4	28.4	117.9	117.8	8.3	8.3	1.2	1.6	3	4	820398	811616
						1.0	-	-	25.1		8.1		28.4		117.7		8.3		1.2					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-						
						-	-	-	-	-	-	-	-	-	-	-	-	-						
					Bottom	4.6	-	-	25.3	8.1	8.1	28.4	28.3	117.2	117.3	8.2	8.2	2.1	4					
						4.6	-	-	25.3	8.1	28.3	117.3	8.2	2.0	3									

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Water Quality Monitoring

Water Quality Monitoring Results on 10 May 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	08:29	8.0	Surface	1.0	0.1	212	25.4	25.4	7.9	7.9	26.4	26.4	125.5	125.5	8.9	8.5	3.0	5.4	3	3	815639	804249								
						1.0	0.1	216	25.4		7.9	7.9	26.4	26.4	125.4	125.5	8.9		3.0		3											
					Middle	4.0	0.1	219	24.8	24.8	7.9	7.9	30.3	30.4	115.2	115.2	8.0	7.5	3.4	7.5	3				7.5	3	7.5	3				
						4.0	0.1	225	24.8		7.9	7.9	30.4		30.4		115.2		115.2		8.0					3.5		2	3			
					Bottom	7.0	0.1	188	24.7	24.7	7.9	7.9	31.1	31.1	107.2	107.2	7.5	7.5	9.3	7.5	2				7.5	2	7.5	2				
						7.0	0.1	180	24.7		7.9	7.9	31.1		31.1		107.2		107.2		7.5					10.1		2				
					C2	Cloudy	Moderate	09:38	11.2	Surface	1.0	0.2	180	25.6	25.6	8.0	8.0	23.7	23.7	122.0	121.8				8.7	8.0	3.6	6.6	4	4	825661	806960
											1.0	0.3	184	25.5		8.0	8.0	23.7	23.7	121.5	121.8				8.7		3.7		6			
Middle	5.6	0.3	177	25.0						25.0	8.0	8.0	26.5	26.5	102.1	102.0	7.3	6.3	4.6	6.3	4	6.3	4	6.3	4							
	5.6	0.3	169	25.0							8.0	8.0	26.5		26.5		101.8		102.0		7.2		4.6		3							
Bottom	10.2	0.3	154	24.9						24.9	8.0	8.0	28.9	28.8	88.9	89.4	6.3	6.3	11.8	6.3	3	6.3	3	6.3	3							
	10.2	0.3	159	24.9							8.0	8.0	28.8		28.8		89.8		89.4		6.3		11.1		4							
C3	Rainy	Moderate	08:35	9.0						Surface	1.0	0.2	72	24.5	24.5	8.0	8.0	30.4	30.5	110.7	110.6	7.8	7.7	1.0	1.2	4	4	822129	817789			
											1.0	0.2	64	24.5		8.0	8.0	30.5	30.5	110.5	110.6	7.8		1.0		3						
					Middle	4.5	0.1	57	24.4	24.4	8.0	8.0	31.9	31.9	108.7	108.5	7.6	7.2	1.1	7.2	4	7.2	4	7.2	4							
						4.5	0.1	50	24.4		8.0	8.0	32.0		31.7		108.2		108.5		7.5		1.1		4							
					Bottom	8.0	0.1	81	24.4	24.4	7.8	7.8	31.7	31.7	103.5	103.7	7.2	7.2	1.3	7.2	4	7.2	4	7.2	4							
						8.0	0.1	74	24.4		7.8	7.8	31.6		31.7		103.8		103.7		7.2		1.4		4							
					IM1	Cloudy	Moderate	08:45	6.6	Surface	1.0	0.1	180	25.2	25.2	8.0	8.0	25.2	25.2	126.7	126.6	9.1	8.7	3.0	9.0	3				3	818373	806455
											1.0	0.1	175	25.2		8.0	8.0	25.2	25.2	126.5	126.6	9.0		3.0		3						
Middle	3.3	0.1	163	25.0						25.0	7.9	7.9	28.3	28.3	118.2	118.2	8.3	7.7	11.4	7.7	3	7.7	3	7.7	3							
	3.3	0.0	161	25.0							7.9	7.9	28.4		28.4		118.1		118.2		8.3		11.5		3							
Bottom	5.6	0.1	185	24.8						24.8	7.9	7.9	29.4	29.4	110.4	110.3	7.7	7.7	12.9	7.7	4	7.7	4	7.7	4							
	5.6	0.1	187	24.8							7.9	7.9	29.4		29.4		110.2		110.3		7.7		12.3		3							
IM2	Cloudy	Moderate	08:52	7.2						Surface	1.0	0.1	175	25.3	25.3	7.9	7.9	24.1	24.1	123.6	123.6	8.9	8.6	3.0	3.9	3	3	819185	806234			
											1.0	0.1	168	25.3		8.0	7.9	24.1	24.1	123.5	123.6	8.9		3.0		2						
					Middle	3.6	0.1	178	25.0	25.0	7.9	7.9	27.7	27.8	115.9	115.8	8.2	7.7	3.5	7.7	2	7.7	2	7.7	2							
						3.6	0.0	174	25.0		7.9	7.9	27.9		27.8		115.7		115.8		8.2		3.8		3							
					Bottom	6.2	0.1	160	24.8	24.8	7.9	7.9	29.2	29.1	108.3	108.6	7.6	7.7	5.1	7.7	3	7.7	3	7.7	3							
						6.2	0.1	160	24.8		7.9	7.9	29.1		29.1		108.9		108.6		7.7		4.9		4							
					IM7	Cloudy	Moderate	09:12	8.0	Surface	1.0	0.1	145	25.2	25.2	7.9	7.9	25.9	26.0	109.5	109.6	7.8	8.0	3.2	4.1	2				3	821352	806847
											1.0	0.2	148	25.2		7.9	7.9	26.1	26.0	109.6	109.6	7.8		3.2		3						
Middle	4.0	0.1	173	25.1						25.1	7.9	7.9	27.0	27.0	115.6	115.6	8.2	7.7	3.3	7.7	3	7.7	3	7.7	3							
	4.0	0.1	166	25.1							7.9	7.9	27.0		27.0		115.6		115.6		8.2		3.4		2							
Bottom	7.0	0.0	134	25.0						25.1	7.9	7.9	28.0	28.1	108.8	108.7	7.7	7.7	5.5	7.7	4	7.7	4	7.7	4							
	7.0	0.0	134	25.1							7.9	7.9	28.1		28.1		108.5		108.7		7.6		5.8		3							

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 10 May 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	09:49	8.0	Surface	1.0	0.2	109	24.7	24.7	8.1	8.1	27.0	27.0	121.2	120.6	8.6	8.2	1.1	1.2	6	4	822258	809844		
						1.0	0.2	112	24.7		8.1	8.1	27.0	27.0	119.9	120.6	8.5		1.1		5					
					Middle	4.0	0.2	128	24.9	25.0	8.1	8.1	29.3	29.3	112.9	112.7	7.9	8.1	1.1	1.2	4				5	
						4.0	0.2	130	25.0		8.1	8.1	29.2	29.3	112.5	112.7	7.9		1.2		5					
					Bottom	7.0	0.1	97	25.3	25.3	8.1	8.1	29.1	29.1	113.3	115.8	7.9	8.1	1.4	1.5	3					3
						7.0	0.1	89	25.3		8.1	8.1	29.0	29.1	118.2	115.8	8.2		1.5		3					
IM11	Rainy	Moderate	09:41	7.0	Surface	1.0	0.2	90	24.7	24.7	8.1	8.1	27.3	27.3	108.4	108.4	7.7	7.7	1.0	1.3	4	5	821482	810566		
						1.0	0.2	93	24.7		8.1	8.1	27.3	27.3	108.3	108.4	7.7		1.1		4					
					Middle	3.5	0.2	91	24.9	25.0	8.1	8.1	29.1	29.0	108.0	107.9	7.6	7.6	1.1	1.2	5				5	
						3.5	0.3	87	25.0		8.1	8.1	29.0	29.0	107.8	107.9	7.6		1.2		5					
					Bottom	6.0	0.2	111	25.2	25.3	8.1	8.1	28.7	28.5	108.6	108.8	7.6	7.6	1.8	1.8	6					5
						6.0	0.2	116	25.3		8.1	8.1	28.4	28.5	108.9	108.8	7.6		1.8		5					
IM12	Rainy	Moderate	09:36	9.2	Surface	1.0	0.2	100	24.7	24.7	8.1	8.1	28.6	28.7	113.1	113.2	8.0	8.0	1.0	1.3	5	4	821175	811501		
						1.0	0.2	106	24.7		8.1	8.1	28.7	28.7	113.2	113.2	8.0		1.0		4					
					Middle	4.6	0.3	95	24.9	25.0	8.1	8.1	29.0	29.0	112.9	112.8	7.9	7.9	1.2	1.2	4				3	
						4.6	0.2	88	25.0		8.1	8.1	29.0	29.0	112.7	112.8	7.9		1.2		3					
					Bottom	8.2	0.3	85	25.2	25.2	8.1	8.1	29.0	28.9	112.7	112.8	7.9	7.9	1.6	1.6	3					3
						8.2	0.3	80	25.2		8.1	8.1	28.7	28.9	112.8	112.8	7.9		1.6		3					
SR1A	Rainy	Moderate	09:16	5.0	Surface	1.0	-	136	24.7	24.7	8.1	8.1	29.8	29.8	105.1	105.1	7.4	7.4	1.0	1.3	3	4	819970	812665		
						1.0	0.0	143	24.7		8.1	8.1	29.8	29.8	105.0	105.0	7.4		1.1		4					
					Middle	2.5	0.1	150	-	-	-	-	-	-	-	-	-	-	-	-	-				-	
						2.5	0.1	147	-		-	-	-	-	-	-	-		-		-					
					Bottom	4.0	0.0	158	24.9	25.0	8.1	8.1	29.9	29.9	105.5	106.1	7.4	7.5	1.4	1.5	4					4
						4.0	0.0	156	25.0		8.1	8.1	29.9	29.9	106.7	106.1	7.5		1.5		4					
SR2	Rainy	Moderate	09:00	4.0	Surface	1.0	0.2	59	24.6	24.6	8.1	8.1	29.1	29.1	112.9	112.8	8.0	8.0	1.9	2.0	3	4	821483	814149		
						1.0	0.2	56	24.6		8.1	8.1	29.1	29.1	112.7	112.8	7.9		1.9		2					
					Middle	-	0.2	29	-	-	-	-	-	-	-	-	-	-	-	-	-				-	
						-	0.2	35	-		-	-	-	-	-	-	-		-		-					
					Bottom	3.0	0.2	20	24.8	24.8	8.1	8.1	29.6	29.4	106.8	109.3	7.5	7.7	2.0	2.1	5					5
						3.0	0.2	26	24.8		8.1	8.1	29.3	29.4	111.8	109.3	7.9		2.1		5					
SR3	Cloudy	Moderate	09:19	8.7	Surface	1.0	0.2	152	25.3	25.3	7.9	7.9	25.6	25.7	112.0	112.1	8.0	8.0	3.0	4.0	3	3	822159	807593		
						1.0	0.2	159	25.3		7.9	7.9	25.8	26.4	112.1	112.4	8.0		3.0		2					
					Middle	4.4	0.2	171	25.2	25.2	7.9	7.9	26.4	26.4	112.7	112.4	8.0	7.3	2.9	3.1	4				4	
						4.4	0.3	171	25.2		7.9	7.9	26.4	26.4	112.0	112.4	8.0		3.1		3					
					Bottom	7.7	0.2	146	25.0	25.0	7.9	7.9	28.2	28.2	103.1	103.1	7.3	7.3	6.0	6.2	4					4
						7.7	0.2	147	25.0		7.9	7.9	28.2	28.2	103.0	103.1	7.3		6.2		4					
SR4A	Cloudy	Moderate	08:09	8.8	Surface	1.0	0.0	96	25.5	25.5	7.8	7.8	25.3	25.3	125.1	125.1	8.9	8.7	3.0	5.5	4	4	817171	807808		
						1.0	0.1	89	25.5		7.8	7.8	25.3	25.3	125.0	125.1	8.9		3.1		2					
					Middle	4.4	0.0	113	25.2	25.2	7.8	7.8	27.7	27.7	119.9	119.8	8.4	7.5	4.4	4.7	4				4	
						4.4	0.1	119	25.2		7.8	7.8	27.8	27.7	119.7	119.8	8.4		4.7		4					
					Bottom	7.8	0.0	124	25.0	25.0	7.8	7.8	29.0	29.0	107.3	107.3	7.5	7.5	8.7	8.9	4					5
						7.8	0.1	131	25.0		7.8	7.8	29.0	29.0	107.2	107.3	7.5		8.9		5					
SR8	Rainy	Moderate	09:32	5.6	Surface	1.0	-	-	24.8	24.8	8.1	8.1	29.3	29.3	111.8	111.7	7.8	7.8	1.1	1.3	4	4	820397	811640		
						1.0	-	-	24.8		8.1	8.1	29.3	29.3	111.6	111.7	7.8		1.1		5					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	
						-	-	-	-		-	-	-	-	-	-	-		-		-					
					Bottom	4.6	-	-	25.1	25.1	8.1	8.1	29.4	29.3	112.0	112.1	7.8	7.8	1.6	1.6	2					3
						4.6	-	-	25.1		8.1	8.1	29.3	29.3	112.2	112.1	7.8		1.6		3					

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

Water Quality Monitoring Results on 12 May 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	Moderate	10:58	7.6	Surface	1.0	0.3	201	<u>24.8</u>	24.8	8.0	8.0	16.5	16.5	95.9	95.8	7.2	7.1	1.3	2.1	2	2	815625	804232
						1.0	0.3	206	<u>24.8</u>		8.0	8.0	16.5	16.5	95.7	95.8	7.2		1.3		2			
					Middle	3.8	0.4	211	<u>24.8</u>	24.8	8.0	8.0	18.4	18.5	92.4	92.3	6.9	6.5	1.8	2				
						3.8	0.5	215	<u>24.8</u>		8.0	8.0	18.6	18.5	92.1	92.3	6.9		1.8	2				
					Bottom	6.6	0.4	196	<u>24.8</u>	24.8	7.9	7.9	28.4	28.3	91.8	92.0	6.5	6.5	3.2	2				
						6.6	0.4	200	<u>24.8</u>		7.9	7.9	28.3	28.3	92.1	92.0	6.5		3.1	2				
C2	Rainy	Moderate	12:07	11.0	Surface	1.0	0.5	173	<u>24.8</u>	24.8	8.0	8.0	18.4	18.5	94.3	94.2	7.1	7.0	1.8	3.4	2	2	825675	806968
						1.0	0.5	176	<u>24.8</u>		8.0	8.0	18.5	18.5	94.1	94.2	7.0		2.0		2			
					Middle	5.5	0.6	164	<u>24.8</u>	24.8	8.0	7.9	19.3	19.6	92.6	92.2	6.9	6.8	3.3	2				
						5.5	0.6	169	<u>24.8</u>		7.9	7.9	19.8	19.6	91.8	92.2	6.8		3.3	2				
					Bottom	10.0	0.6	196	<u>24.8</u>	24.8	8.0	8.0	27.3	27.3	87.4	87.9	6.2	6.3	4.9	3				
						10.0	0.5	195	<u>24.8</u>		8.0	8.0	27.4	27.3	88.4	87.9	6.3		5.3	2				
C3	Rainy	Moderate	09:41	11.2	Surface	1.0	0.3	81	<u>24.8</u>	24.8	7.9	7.9	20.6	20.6	99.7	99.7	7.4	7.2	1.1	2.0	2	2	822085	817803
						1.0	0.4	84	<u>24.8</u>		7.9	7.9	20.6	20.6	99.6	99.7	7.4		1.2		2			
					Middle	5.6	0.3	71	<u>24.6</u>	24.6	7.8	7.8	25.3	25.4	95.9	95.7	6.9	6.9	2.3	2				
						5.6	0.4	65	<u>24.5</u>		7.8	7.8	25.6	25.4	95.5	95.7	6.9		2.3	3				
					Bottom	10.2	0.3	97	<u>24.6</u>	24.6	7.8	7.8	30.7	30.7	95.1	95.3	6.7	6.7	2.5	3				
						10.2	0.3	100	<u>24.6</u>		7.8	7.8	30.6	30.7	95.5	95.3	6.7		2.7	2				
IM1	Rainy	Moderate	11:14	6.2	Surface	1.0	0.3	185	<u>24.8</u>	24.8	8.0	8.0	17.8	17.9	96.3	96.3	7.2	7.2	1.3	3.2	<2	2	818334	806480
						1.0	0.3	180	<u>24.8</u>		8.0	8.0	17.9	17.9	96.3	96.3	7.2		1.4		<2			
					Middle	3.1	0.3	191	<u>24.8</u>	24.8	8.0	8.0	18.5	18.6	95.1	95.2	7.1	7.1	3.2	2				
						3.1	0.3	197	<u>24.8</u>		8.0	8.0	18.7	18.6	95.2	95.2	7.1		3.3	2				
					Bottom	5.2	0.3	199	<u>24.8</u>	24.8	8.0	8.0	24.0	23.8	96.2	96.3	7.0	7.0	4.9	3				
						5.2	0.3	194	<u>24.8</u>		8.0	8.0	23.5	23.8	96.4	96.3	7.0		5.0	2				
IM2	Rainy	Moderate	11:20	6.3	Surface	1.0	0.3	199	<u>24.8</u>	24.8	8.0	8.0	17.1	17.1	95.4	95.3	7.2	7.0	1.7	3.5	<2	2	819200	806232
						1.0	0.4	204	<u>24.8</u>		8.0	8.0	17.1	17.1	95.1	95.3	7.2		1.6		<2			
					Middle	3.2	0.4	199	<u>24.8</u>	24.8	8.0	8.0	19.6	19.9	92.5	92.4	6.9	6.8	3.7	2				
						3.2	0.3	205	<u>24.8</u>		8.0	8.0	20.3	19.9	92.2	92.4	6.8		3.7	<2				
					Bottom	5.3	0.4	176	<u>24.8</u>	24.8	8.0	8.0	27.9	27.9	92.2	92.3	6.5	6.5	5.2	2				
						5.3	0.4	175	<u>24.8</u>		8.0	8.0	27.9	27.9	92.3	92.3	6.5		5.1	3				
IM7	Rainy	Moderate	11:40	8.3	Surface	1.0	0.3	195	<u>24.8</u>	24.8	8.0	8.0	18.0	18.0	95.2	95.1	7.1	7.1	1.5	3.6	3	3	821337	806820
						1.0	0.3	193	<u>24.8</u>		8.0	8.0	18.1	18.0	94.9	95.1	7.1		1.5		2			
					Middle	4.2	0.2	191	<u>24.9</u>	24.9	7.9	7.9	18.4	18.4	94.2	94.3	7.0	7.0	3.7	2				
						4.2	0.2	186	<u>24.9</u>		7.9	7.9	18.4	18.4	94.3	94.3	7.0		3.8	3				
					Bottom	7.3	0.2	224	<u>24.8</u>	24.8	7.9	7.9	22.6	22.3	95.9	96.1	7.0	7.0	5.6	2				
						7.3	0.2	217	<u>24.8</u>		7.9	7.9	22.1	22.3	96.2	96.1	7.0		5.5	3				

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									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA				
IM10	Rainy	Moderate	11:06	8.0	Surface	1.0	0.4	120	24.8	24.8	8.0	8.0	17.9	17.9	95.2	95.1	7.1	7.0	1.4	1.8	4	4	822249	809832		
						1.0	0.5	116	24.8		8.0	8.0	17.9	17.9	94.9	93.0	7.1		1.3		5					
					Middle	4.0	0.4	133	24.8	24.8	8.0	8.0	20.0	20.0	92.7	93.0	6.9	6.3	1.7	6.3	2.2				6.3	3
						4.0	0.4	133	24.8		8.0	8.0	20.0	20.0	92.7	93.0	6.9		1.7		3					
					Bottom	7.0	0.4	135	24.8	24.8	7.9	7.9	27.8	27.8	87.3	87.8	6.2	7.0	2.2	7.0	2.2				7.0	2
						7.0	0.5	135	24.8		8.0	7.9	27.8	27.8	88.2	87.8	6.3		2.4		3					
IM11	Rainy	Moderate	10:53	7.4	Surface	1.0	0.5	97	24.9	24.9	7.9	7.9	18.0	18.0	93.9	93.8	7.0	6.9	1.1	1.7	2	3	821518	810565		
						1.0	0.5	99	24.9		7.9	7.9	18.0	18.0	93.6	93.8	7.0		1.0		3					
					Middle	3.7	0.5	107	24.9	24.9	7.9	7.9	20.1	20.3	91.0	91.0	6.7	6.7	1.4	6.7	2.5				6.7	2
						3.7	0.4	101	24.8		7.9	7.9	20.6	20.3	91.0	91.0	6.7		1.5		3					
					Bottom	6.4	0.6	76	24.9	24.9	7.9	7.9	24.9	24.9	92.5	92.7	6.7	6.7	2.5	6.7	2.5				6.7	3
						6.4	0.6	71	24.9		7.9	7.9	24.8	24.9	92.9	92.7	6.7		2.5		2					
IM12	Rainy	Moderate	10:46	8.2	Surface	1.0	0.6	85	24.8	24.8	8.0	8.0	17.5	17.5	96.9	96.9	7.3	7.2	1.4	1.9	2	2	821138	811535		
						1.0	0.6	78	24.8		8.0	8.0	17.5	17.5	96.8	96.9	7.3		1.4		3					
					Middle	4.1	0.5	106	24.9	24.9	8.0	8.0	18.3	18.3	94.8	94.8	7.1	7.0	1.7	7.0	2.6				7.0	2
						4.1	0.5	108	24.9		8.0	8.0	18.3	18.3	94.7	94.8	7.1		1.7		3					
					Bottom	7.2	0.6	94	24.9	24.9	7.9	7.9	22.7	22.6	96.3	96.4	7.0	7.0	2.6	7.0	2.6				7.0	<2
						7.2	0.6	96	24.9		7.9	7.9	22.6	22.6	96.5	96.4	7.0		2.6		<2					
SR1A	Rainy	Moderate	10:21	5.3	Surface	1.0	0.0	145	24.8	24.8	8.0	8.0	17.1	17.1	97.4	97.5	7.3	7.4	1.3	1.4	<2	2	819982	812659		
						1.0	0.0	146	24.8		8.0	8.0	17.1	17.1	97.6	97.5	7.4		1.2		<2					
					Middle	2.7	0.0	118	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						2.7	0.0	121	-		-	-	-	-	-	-	-		-		-					-
					Bottom	4.3	0.0	128	24.7	24.7	8.0	8.0	19.3	19.3	98.5	98.6	7.3	7.4	1.6	7.4	1.6				7.4	2
						4.3	0.0	134	24.6		8.0	8.0	19.3	19.3	98.6	98.6	7.4		1.7		2					
SR2	Rainy	Moderate	10:06	4.6	Surface	1.0	0.3	46	24.8	24.8	8.0	8.0	19.4	19.4	98.5	98.6	7.3	7.3	1.4	1.8	<2	3	821486	814176		
						1.0	0.4	49	24.8		8.0	8.0	19.5	19.4	98.6	98.6	7.3		1.4		<2					
					Middle	-	0.4	32	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	0.4	34	-		-	-	-	-	-	-	-		-		-					
					Bottom	3.6	0.3	44	24.8	24.8	8.0	8.0	19.6	19.6	99.3	99.4	7.4	7.4	2.3	7.4	2.3				7.4	3
						3.6	0.3	40	24.7		8.0	8.0	19.6	19.6	99.5	99.4	7.4		2.3		3					
SR3	Rainy	Moderate	11:46	8.5	Surface	1.0	0.6	168	24.9	24.9	8.0	8.0	18.1	18.0	91.9	91.7	6.9	6.7	1.3	3.4	3	2	822134	807579		
						1.0	0.6	174	24.9		8.0	8.0	18.0	18.0	91.5	90.4	6.8		1.3		2					
					Middle	4.3	0.5	169	24.9	24.9	7.9	7.9	22.0	22.0	90.4	90.4	6.6	6.6	3.9	6.6	5.1				6.6	2
						4.3	0.5	175	24.9		7.9	7.9	22.0	22.0	90.4	90.8	6.6		3.6		2					
					Bottom	7.5	0.5	181	24.9	24.9	7.9	7.9	24.1	23.9	90.8	90.8	6.6	6.6	5.1	6.6	5.1				6.6	2
						7.5	0.5	174	24.9		7.9	7.9	23.8	23.9	90.8	90.8	6.6		5.0		2					
SR4A	Rainy	Moderate	10:37	8.8	Surface	1.0	0.1	102	24.8	24.8	8.0	8.0	20.4	20.5	99.3	99.2	7.3	7.1	1.1	2.7	2	3	817193	807800		
						1.0	0.1	94	24.8		8.0	8.0	20.5	20.5	99.1	99.2	7.3		1.1		3					
					Middle	4.4	0.0	109	24.6	24.6	7.9	7.9	24.5	24.5	96.0	95.8	7.0	6.7	2.3	6.7	4.5				6.7	3
						4.4	0.0	103	24.5		7.9	7.9	24.5	24.5	95.6	95.3	6.9		2.3		2					
					Bottom	7.8	0.1	91	24.6	24.7	7.9	7.9	30.2	30.0	94.8	95.3	6.7	6.7	4.7	6.7	4.7				6.7	3
						7.8	0.0	90	24.7		7.9	7.9	29.9	30.0	95.7	95.3	6.7		4.7		3					
SR8	Rainy	Moderate	10:43	5.5	Surface	1.0	-	-	24.8	24.8	7.9	7.9	17.3	17.3	97.1	97.2	7.3	7.3	1.8	1.8	3	2	820408	811616		
						1.0	-	-	24.8		7.9	7.9	17.3	17.3	97.2	97.2	7.3		1.7		2					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	-	-	-		-	-	-	-	-	-	-		-		-					
					Bottom	4.5	-	-	24.8	24.8	8.0	8.0	17.6	17.6	98.3	98.4	7.4	7.4	1.9	7.4	1.9				7.4	<2
						4.5	-	-	24.8		8.0	8.0	17.5	17.6	98.5	98.4	7.4		1.8		<2					

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 12 May 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	15:51	8.0	Surface	1.0	0.3	26	24.8	24.8	8.0	8.0	18.0	18.0	95.5	95.3	7.2	7.1	1.6	1.6	2	2	815618	804223
						1.0	0.3	18	24.8	8.0	8.0	18.0	18.0	95.1	95.3	7.1	7.1	1.6	1.6	2	2			
					Middle	4.0	0.3	30	24.8	24.8	8.0	8.0	18.3	18.3	93.1	93.1	7.0	7.0	3.1	3.1	2	2		
						4.0	0.3	35	24.8	24.8	8.0	8.0	18.3	18.3	93.1	93.1	7.0	7.0	3.1	3.1	2	2		
					Bottom	7.0	0.3	30	24.8	24.8	8.0	8.0	24.9	24.7	95.0	95.3	6.8	6.9	4.9	4.9	3	3		
						7.0	0.3	23	24.8	24.8	8.0	8.0	24.6	24.7	95.5	95.3	6.9	6.9	4.8	4.8	2	2		
C2	Rainy	Moderate	14:36	11.4	Surface	1.0	0.1	194	24.8	24.8	7.9	7.9	17.3	17.3	94.9	94.8	7.1	7.1	1.5	1.5	<2	<2	825702	806960
						1.0	0.1	194	24.8	24.8	7.9	7.9	17.3	17.3	94.6	94.8	7.1	7.1	1.5	1.5	<2	<2		
					Middle	5.7	0.1	207	24.9	24.9	7.9	7.9	18.4	18.0	91.5	91.3	6.8	6.8	3.5	3.5	2	2		
						5.7	0.2	202	24.9	24.9	7.9	7.9	17.7	17.7	91.1	91.3	6.8	6.8	3.7	3.7	<2	<2		
					Bottom	10.4	0.1	227	24.9	24.9	7.9	7.9	23.3	23.3	90.8	90.9	6.6	6.6	4.6	4.6	2	2		
						10.4	0.1	231	24.9	24.9	7.9	7.9	23.3	23.3	91.0	90.9	6.6	6.6	4.4	4.4	3	3		
C3	Rainy	Moderate	15:43	10.0	Surface	1.0	0.4	262	24.7	24.7	8.0	8.0	21.5	21.5	96.1	96.0	7.1	7.1	1.5	1.5	2	2	822120	817783
						1.0	0.5	262	24.7	24.7	8.0	8.0	21.5	21.5	95.8	96.0	7.0	7.0	1.5	1.5	2	2		
					Middle	5.0	0.4	279	24.7	24.7	7.9	7.9	23.3	23.1	95.3	95.4	6.9	6.9	2.7	2.7	2	2		
						5.0	0.4	286	24.7	24.7	8.0	7.9	22.9	23.1	95.4	95.4	7.0	7.0	2.8	2.8	2	2		
					Bottom	9.0	0.4	277	24.7	24.7	7.8	7.8	26.5	26.5	96.2	96.4	6.9	6.9	3.8	3.8	4	4		
						9.0	0.4	278	24.7	24.7	7.8	7.8	26.5	26.5	96.5	96.4	6.9	6.9	3.8	3.8	3	3		
IM1	Rainy	Moderate	15:31	6.8	Surface	1.0	0.1	351	24.8	24.8	8.0	8.0	18.2	18.2	95.7	95.7	7.2	7.1	1.6	1.6	2	3	818329	806473
						1.0	0.2	355	24.8	24.8	8.0	8.0	18.3	18.7	95.6	94.7	7.1	7.1	1.6	1.6	3	2		
					Middle	3.4	0.2	352	24.8	24.8	8.0	8.0	18.6	18.7	94.6	94.7	7.1	7.1	2.4	2.4	2	2		
						3.4	0.1	352	24.8	24.8	8.0	8.0	18.8	18.7	94.7	94.7	7.1	7.1	2.4	2.4	2	2		
					Bottom	5.8	0.1	20	24.8	24.8	8.0	8.0	21.4	21.3	95.5	95.6	7.0	7.0	4.3	4.3	3	3		
						5.8	0.1	16	24.8	24.8	8.0	8.0	21.3	21.3	95.7	95.6	7.0	7.0	4.2	4.2	3	3		
IM2	Rainy	Moderate	15:25	7.0	Surface	1.0	0.1	305	24.8	24.9	8.0	8.0	18.5	18.5	93.8	93.6	7.0	7.0	1.6	1.7	4	3	819198	806229
						1.0	0.2	300	24.9	24.9	8.0	8.0	18.5	18.5	93.4	93.6	7.0	7.0	1.7	1.7	3	3		
					Middle	3.5	0.2	318	24.9	24.9	8.0	8.0	18.6	18.6	92.1	92.2	6.9	6.9	3.2	3.2	2	2		
						3.5	0.2	318	24.9	24.9	8.0	8.0	18.7	18.6	92.2	92.2	6.9	6.9	3.2	3.2	3	3		
					Bottom	6.0	0.1	306	24.9	24.9	8.0	8.0	21.8	21.8	94.1	94.2	6.9	6.9	5.9	5.9	3	3		
						6.0	0.2	310	24.9	24.9	8.0	8.0	21.8	21.8	94.3	94.2	6.9	6.9	5.8	5.8	2	2		
IM7	Rainy	Moderate	15:06	8.6	Surface	1.0	0.2	272	24.9	24.9	8.0	8.0	18.2	18.2	95.5	95.4	7.1	7.1	1.3	1.4	2	3	821326	806845
						1.0	0.3	275	24.9	24.9	8.0	8.0	18.2	18.2	95.2	95.4	7.1	7.1	1.4	1.4	3	2		
					Middle	4.3	0.1	269	24.9	24.9	8.0	8.0	18.2	18.3	93.2	93.0	7.0	6.9	2.2	2.1	2	2		
						4.3	0.1	270	24.9	24.9	8.0	8.0	18.3	18.3	92.7	93.0	6.9	6.9	2.1	2.1	2	2		
					Bottom	7.6	0.2	272	24.8	24.8	8.0	8.0	22.7	22.6	91.5	92.0	6.7	6.7	4.1	4.1	<2	<2		
						7.6	0.2	273	24.8	24.8	8.0	8.0	22.5	22.6	92.4	92.0	6.7	6.7	4.0	4.0	<2	<2		

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 12 May 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	14:36	8.4	Surface	1.0	0.2	241	24.8	24.8	7.9	7.9	17.2	17.2	96.0	95.8	7.2	7.0	1.8	2.6	<2	2	822250	809822
						1.0	0.2	237	24.8		7.9	7.9	17.2	17.2	95.6	95.8	7.2		1.9					
					Middle	4.2	0.2	221	24.9	24.9	7.9	7.9	20.7	20.9	91.5	91.5	6.7	6.7	2.5	<2				
						4.2	0.1	226	24.9		7.9	7.9	21.2	20.9	91.5	91.5	6.7		2.6	3				
					Bottom	7.4	0.2	227	24.9	24.9	7.9	7.9	23.2	23.2	91.8	91.9	6.7	6.7	3.5	3				
						7.4	0.3	233	24.9		7.9	7.9	23.2	23.2	91.9	91.9	6.7		3.3	2				
IM11	Rainy	Moderate	14:42	7.6	Surface	1.0	0.2	292	24.8	24.8	7.9	7.9	18.4	18.4	95.6	95.5	7.1	6.9	1.0	2.3	<2	<2	821520	810558
						1.0	0.2	299	24.8		7.9	7.9	18.5	18.4	95.4	95.5	7.1		1.0					
					Middle	3.8	0.2	292	24.8	24.8	7.9	7.9	19.3	19.2	89.9	89.8	6.7	6.7	2.8	<2				
						3.8	0.2	295	24.8		7.9	7.9	19.2	19.2	89.6	89.8	6.7		2.8	<2				
					Bottom	6.6	0.2	263	24.9	24.9	7.9	7.9	22.8	22.8	89.7	89.7	6.5	6.5	3.1	<2				
						6.6	0.2	259	24.9		7.9	7.9	22.8	22.8	89.7	89.7	6.5		3.1	<2				
IM12	Rainy	Moderate	14:48	9.0	Surface	1.0	0.3	297	24.8	24.8	8.0	8.0	18.4	18.4	95.0	94.7	7.1	7.0	1.7	2.4	3	2	821179	811496
						1.0	0.2	290	24.8		8.0	8.0	18.4	18.4	94.4	94.7	7.1		1.9					
					Middle	4.5	0.3	278	24.8	24.8	8.0	8.0	18.5	18.5	93.0	92.8	6.9	6.9	2.3	2				
						4.5	0.2	274	24.8		8.0	8.0	18.6	18.5	92.5	92.8	6.9		2.3	2				
					Bottom	8.0	0.3	282	24.8	24.9	8.0	8.0	23.9	23.9	92.4	93.0	6.7	6.8	3.3	<2				
						8.0	0.3	281	24.9		8.0	8.0	23.8	23.9	93.6	93.0	6.8		3.1	<2				
SR1A	Rainy	Moderate	15:10	5.5	Surface	1.0	0.0	196	24.8	24.8	8.0	8.0	18.4	18.4	95.9	95.9	7.2	7.2	1.6	2.1	2	2	819971	812653
						1.0	0.1	197	24.8		8.0	8.0	18.5	18.4	95.9	95.9	7.2		1.6					
					Middle	2.8	0.0	198	-	-	-	-	-	-	-	-	-	-	-	-				
						2.8	0.0	191	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.5	0.0	193	24.8	24.8	8.0	8.0	18.8	18.8	97.0	97.1	7.2	7.3	2.6	<2				
						4.5	0.0	189	24.8		8.0	8.0	18.7	18.8	97.2	97.1	7.3		2.6	<2				
SR2	Rainy	Moderate	15:23	4.8	Surface	1.0	0.1	285	24.7	24.8	8.0	8.0	17.5	17.6	98.0	98.1	7.4	7.4	1.8	2.3	2	2	821452	814174
						1.0	0.1	287	24.8		8.0	8.0	17.6	17.6	98.1	98.1	7.4		1.7					
					Middle	-	0.1	294	-	-	-	-	-	-	-	-	-	-	-	-				
						-	0.1	291	-		-	-	-	-	-	-	-		-	-				
					Bottom	3.8	0.1	281	24.7	24.7	8.0	8.0	17.8	17.7	99.3	99.5	7.5	7.5	2.9	<2				
						3.8	0.1	281	24.6		8.0	8.0	17.7	17.7	99.6	99.5	7.5		2.9	<2				
SR3	Rainy	Moderate	14:57	8.9	Surface	1.0	0.1	194	24.8	24.8	7.9	7.9	18.0	18.0	94.3	94.2	7.1	6.8	1.2	2.2	2	2	822150	807586
						1.0	0.1	196	24.8		7.9	7.9	18.0	18.0	94.1	94.2	7.0		1.1					
					Middle	4.5	0.1	167	24.9	24.9	7.9	7.9	20.3	20.2	88.6	88.5	6.5	6.5	2.2	<2				
						4.5	0.1	171	24.9		7.9	7.9	20.2	20.2	88.4	88.5	6.5		2.2	<2				
					Bottom	7.9	0.1	168	24.9	24.9	7.9	7.9	22.1	22.1	88.7	88.8	6.5	6.5	3.3	<2				
						7.9	0.0	164	24.9		7.9	7.9	22.0	22.1	88.8	88.8	6.5		3.4	<2				
SR4A	Rainy	Moderate	16:13	8.9	Surface	1.0	0.0	125	24.7	24.7	8.0	8.0	21.8	21.8	96.6	96.4	7.1	7.0	1.4	3.5	3	2	817192	807809
						1.0	0.0	123	24.7		8.0	8.0	21.8	21.8	96.2	96.4	7.1		1.4					
					Middle	4.5	0.0	140	24.7	24.7	8.0	8.0	23.0	23.0	94.5	94.5	6.9	6.9	3.6	2				
						4.5	0.0	138	24.7		8.0	8.0	23.1	23.0	94.5	94.5	6.9		3.7	2				
					Bottom	7.9	0.0	115	24.7	24.7	8.0	8.0	26.6	26.6	96.4	96.6	6.9	6.9	5.6	2				
						7.9	0.1	118	24.7		8.0	8.0	26.6	26.6	96.8	96.6	6.9		5.6	2				
SR8	Rainy	Moderate	14:53	5.8	Surface	1.0	-	-	25.0	25.0	8.0	8.0	19.0	19.0	94.9	95.0	7.0	7.1	1.8	2.3	3	2	820408	811623
						1.0	-	-	25.0		8.0	8.0	19.0	19.0	95.0	95.0	7.1		1.7					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.8	-	-	25.1	25.1	8.0	8.0	18.5	18.5	95.8	95.8	7.1	7.1	2.8	<2				
						4.8	-	-	25.0		8.0	8.0	18.5	18.5	95.8	95.8	7.1		3.0	<2				

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 14 May 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	11:41	7.8	Surface	1.0	0.4	212	25.0	25.0	7.8	7.8	21.2	21.2	84.9	84.9	6.2	5.9	3.9	7.6	3	4	815632	804253
						1.0	0.4	217	25.0	7.8	7.8	21.2	21.2	84.9	84.9	6.2	4.1		4					
					Middle	3.9	0.4	218	24.7	24.7	7.8	7.8	26.2	26.2	77.9	77.9	5.6		8.7		3			
						3.9	0.5	218	24.7	24.7	7.8	7.8	26.2	26.2	77.9	77.9	5.6		8.8		4			
					Bottom	6.8	0.4	197	24.6	24.6	7.8	7.8	29.9	29.9	76.9	76.8	5.4		10.1		5			
						6.8	0.5	199	24.6	24.6	7.8	7.8	29.9	29.9	76.7	76.8	5.4		10.1		4			
C2	Cloudy	Moderate	13:15	11.0	Surface	1.0	0.8	161	25.2	25.2	7.7	7.7	12.6	12.4	78.3	78.3	6.0	5.8	3.4	8.3	3	3	825672	806938
						1.0	0.8	158	25.2	25.2	7.7	7.7	12.2	12.4	78.2	78.3	6.0		3.6		3			
					Middle	5.5	0.9	181	25.0	25.0	7.9	7.9	24.0	24.1	76.9	77.0	5.5		8.5		3			
						5.5	0.9	175	25.0	25.0	7.9	7.9	24.1	24.1	77.0	77.0	5.5		9.2		4			
					Bottom	10.0	0.8	193	25.0	25.0	7.9	7.9	25.7	25.7	77.4	77.5	5.5		12.5		3			
						10.0	0.8	194	25.0	25.0	7.9	7.9	25.7	25.7	77.5	77.5	5.5		12.5		4			
C3	Misty	Moderate	11:19	8.8	Surface	1.0	0.4	91	24.8	24.8	7.8	7.8	17.6	17.6	86.6	86.5	6.5	6.4	2.1	2.5	3	3	822103	817802
						1.0	0.4	89	24.8	24.8	7.8	7.8	17.6	17.6	86.4	86.5	6.5		2.0		3			
					Middle	4.4	0.4	96	24.7	24.7	7.8	7.8	20.7	20.8	85.6	85.6	6.3		2.7		3			
						4.4	0.4	90	24.7	24.7	7.8	7.8	20.8	20.8	85.5	85.6	6.3		2.7		3			
					Bottom	7.8	0.4	83	24.7	24.7	7.8	7.8	23.5	23.5	85.6	85.7	6.2		2.9		3			
						7.8	0.4	78	24.7	24.7	7.8	7.8	23.5	23.5	85.7	85.7	6.2		2.9		3			
IM1	Cloudy	Moderate	12:00	6.2	Surface	1.0	0.3	201	24.8	24.8	7.8	7.8	25.7	25.7	79.9	79.9	5.7	5.6	3.1	9.1	3	3	818343	806476
						1.0	0.3	207	24.8	24.8	7.8	7.8	25.7	25.7	79.8	79.9	5.7		3.1		3			
					Middle	3.1	0.4	181	24.7	24.7	7.8	7.8	27.6	27.6	77.6	77.8	5.5		9.2		4			
						3.1	0.4	178	24.7	24.7	7.8	7.8	27.6	27.6	77.9	77.9	5.5		9.5		3			
					Bottom	5.2	0.3	165	24.6	24.6	7.8	7.8	29.9	29.9	79.6	79.6	5.6		14.7		3			
						5.2	0.3	159	24.6	24.6	7.8	7.8	29.9	29.9	79.6	79.6	5.6		14.9		4			
IM2	Cloudy	Moderate	12:06	6.4	Surface	1.0	0.4	206	25.0	25.0	7.8	7.8	23.2	23.2	81.3	81.3	5.9	5.7	2.2	10.9	4	4	819187	806234
						1.0	0.3	212	25.0	25.0	7.8	7.8	23.2	23.2	81.3	81.3	5.9		2.3		5			
					Middle	3.2	0.4	193	24.7	24.7	7.8	7.8	27.6	27.6	77.0	77.1	5.5		13.5		4			
						3.2	0.4	189	24.7	24.7	7.8	7.8	27.5	27.6	77.1	77.1	5.5		14.2		3			
					Bottom	5.4	0.4	181	24.6	24.6	7.8	7.8	29.6	29.6	77.9	77.9	5.5		16.7		3			
						5.4	0.4	185	24.6	24.6	7.8	7.8	29.6	29.6	77.9	77.9	5.5		16.4		2			
IM7	Cloudy	Moderate	12:31	7.3	Surface	1.0	0.4	191	25.3	25.3	7.8	7.8	17.2	17.3	85.5	85.5	6.4	6.4	1.8	4.6	3	3	821360	806834
						1.0	0.3	189	25.3	25.3	7.8	7.8	17.3	17.3	85.5	85.5	6.4		1.8		3			
					Middle	3.7	0.3	198	25.3	25.3	7.8	7.8	18.0	18.0	84.2	84.2	6.3		2.7		3			
						3.7	0.3	193	25.3	25.3	7.8	7.8	18.0	18.0	84.2	84.2	6.3		2.8		3			
					Bottom	6.3	0.3	218	25.2	25.2	7.8	7.8	19.4	19.4	81.9	82.0	6.0		8.9		2			
						6.3	0.3	211	25.2	25.2	7.8	7.8	19.4	19.4	82.0	82.0	6.1		9.3		2			

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 14 May 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	12:41	7.2	Surface	1.0	0.6	133	24.8	24.8	7.9	7.9	19.3	19.3	89.8	89.6	6.7	6.5	3.0	4.3	2	3	822222	809853
						1.0	0.6	133	24.8		7.9	7.9	19.3	19.3	89.3	89.6	6.6		3.1					
					Middle	3.6	0.6	133	24.7	24.7	7.9	7.9	22.2	22.2	85.5	85.5	6.3	6.4	4.4	3				
						3.6	0.6	128	24.7		7.9	7.9	22.2	22.2	85.5	85.5	6.3		4.4					
					Bottom	6.2	0.6	124	24.6	24.6	7.9	7.9	22.3	22.3	86.4	86.6	6.3	6.4	5.4	3				
						6.2	0.7	117	24.6		7.9	7.9	22.3	22.3	86.7	86.6	6.4		5.5	4				
IM11	Misty	Moderate	12:35	7.2	Surface	1.0	0.7	86	24.8	24.8	7.9	7.9	19.4	19.4	89.5	89.4	6.6	6.6	1.0	1.9	3	3	821515	810534
						1.0	0.6	81	24.8		7.9	7.9	19.5	19.4	89.3	89.4	6.6		1.1					
					Middle	3.6	0.6	116	24.8	24.8	7.9	7.9	19.8	19.8	88.5	88.4	6.6	6.7	1.8	3				
						3.6	0.6	111	24.8		7.9	7.9	19.8	19.8	88.3	88.4	6.6		1.8	2				
					Bottom	6.2	0.6	95	24.8	24.8	7.9	7.9	19.7	19.7	88.6	90.2	6.6	6.7	2.7	3				
						6.2	0.7	99	24.8		7.9	7.9	19.6	19.7	91.8	90.2	6.8		2.7	3				
IM12	Misty	Moderate	12:02	9.0	Surface	1.0	0.8	100	24.8	24.8	7.9	7.9	20.2	20.2	89.5	89.4	6.6	6.5	1.0	2.4	3	3	821158	811507
						1.0	0.7	102	24.8		7.9	7.9	20.2	20.2	89.2	89.4	6.6		1.1					
					Middle	4.5	0.9	89	24.8	24.8	7.9	7.9	20.6	20.6	86.8	86.8	6.4	6.6	2.7	3				
						4.5	0.9	85	24.8		7.9	7.9	20.6	20.6	86.8	86.8	6.4		2.7	2				
					Bottom	8.0	0.8	83	24.4	24.4	7.9	7.9	24.0	23.9	90.1	90.5	6.6	6.6	3.4	3				
						8.0	0.8	90	24.3		8.0	7.9	23.8	23.9	90.9	90.5	6.6		3.5	2				
SR1A	Misty	Moderate	11:47	5.0	Surface	1.0	0.0	126	24.7	24.7	7.9	7.9	18.8	18.8	89.5	87.9	6.7	6.6	3.4	3.9	2	2	819970	812653
						1.0	0.0	128	24.7		7.9	7.9	18.8	18.8	86.3	87.9	6.5		3.4					
					Middle	2.5	-	107	-	-	-	-	-	-	-	-	-	6.3	-	3				
						2.5	0.0	107	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.0	0.1	148	24.7	24.7	7.9	7.9	21.7	21.6	85.8	85.7	6.3	6.3	4.4	2				
						4.0	0.1	144	24.7		7.9	7.9	21.6	21.6	85.6	85.7	6.3		4.4	2				
SR2	Misty	Moderate	11:28	5.2	Surface	1.0	0.7	44	24.8	24.8	7.8	7.8	17.5	17.4	87.1	87.1	6.5	6.5	1.9	2.1	2	2	821445	814170
						1.0	0.6	44	24.8		7.8	7.8	17.4	17.4	87.0	87.1	6.5		1.9					
					Middle	-	0.6	47	-	-	-	-	-	-	-	-	-	6.4	-	3				
						-	0.6	43	-		-	-	-	-	-	-	-		-					
					Bottom	4.2	0.6	28	24.9	24.9	7.8	7.8	20.6	20.5	87.1	87.2	6.4	6.4	2.4	2				
						4.2	0.7	33	24.9		7.8	7.8	20.5	20.5	87.3	87.2	6.4		2.4	2				
SR3	Cloudy	Moderate	12:42	8.2	Surface	1.0	0.7	150	25.3	25.3	7.8	7.8	15.9	15.9	82.2	82.1	6.2	6.1	2.3	4.7	3	3	822164	807586
						1.0	0.7	155	25.2		7.8	7.8	15.9	15.9	82.0	82.1	6.2		2.4					
					Middle	4.1	0.7	182	25.1	25.1	7.8	7.8	20.4	20.4	80.2	80.2	5.9	5.9	4.0	2				
						4.1	0.7	188	25.1		7.8	7.8	20.4	20.4	80.1	80.2	5.9		4.0	3				
					Bottom	7.2	0.7	163	25.0	25.0	7.8	7.8	21.1	21.1	80.3	80.4	5.9	5.9	7.5	2				
						7.2	0.7	163	25.0		7.8	7.8	21.1	21.1	80.4	80.4	5.9		8.1	3				
SR4A	Cloudy	Moderate	11:23	8.4	Surface	1.0	0.0	98	25.0	25.0	7.9	7.9	21.1	21.1	80.3	80.3	5.9	5.7	4.2	7.1	4	3	817173	807829
						1.0	0.1	98	25.0		7.9	7.9	21.1	21.1	80.2	80.3	5.9		4.4					
					Middle	4.2	0.0	111	24.7	24.7	7.9	7.9	27.3	27.3	75.8	75.8	5.4	5.5	7.5	3				
						4.2	0.0	109	24.7		7.9	7.9	27.3	27.3	75.8	75.8	5.4		7.5	4				
					Bottom	7.4	0.0	103	24.7	24.7	7.9	7.9	27.9	27.9	77.8	77.8	5.5	5.5	9.5	2				
						7.4	0.1	101	24.7		7.9	7.9	27.9	27.9	77.8	77.8	5.5		9.5	3				
SR8	Misty	Moderate	11:57	5.4	Surface	1.0	-	-	25.2	25.2	7.9	7.9	17.4	17.3	93.5	93.6	7.0	7.0	1.8	2.0	2	3	820399	811646
						1.0	-	-	25.2		7.9	7.9	17.3	17.3	93.6	93.6	7.0		1.9					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	7.0	-	3				
						-	-	-	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.4	-	-	25.4	25.4	7.9	7.9	19.7	19.7	95.3	95.3	7.0	7.0	2.2	3				
						4.4	-	-	25.4		7.9	7.9	19.7	19.7	95.3	95.3	7.0		2.2	4				

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

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								Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA											
C1	Cloudy	Moderate	17:30	8.7	Surface	1.0	0.4	34	25.1	25.1	7.8	7.8	20.7	20.6	80.3	80.3	5.9	5.9	4.9	5.7	7	6	815625	804242								
						1.0	0.4	35	25.1		7.8	7.8	20.6	20.6	80.2	80.3	5.9		4.9		8											
					Middle	4.4	0.4	46	25.0	25.0	7.9	7.9	23.6	23.6	80.7	80.6	5.8	5.8	4.8	5.7	6				6	815625	804242					
						4.4	0.4	47	25.0		7.9	7.9	23.6	23.6	80.5	80.6	5.8		5.0		7											
					Bottom	7.7	0.3	25	24.7	24.7	7.9	7.9	24.1	24.3	79.1	79.2	5.7	5.7	7.4	5.7	5				6	815625	804242					
						7.7	0.4	32	24.7		7.9	7.9	24.5	24.3	79.3	79.2	5.7		7.4		4											
					C2	Cloudy	Moderate	16:31	11.2	Surface	1.0	0.2	184	25.2	25.2	7.8	7.8	13.6	14.0	77.8	77.8				5.9	5.7	3.2	10.0	2	2	825699	806927
											1.0	0.2	177	25.2		7.8	7.8	14.3	14.0	77.7	77.8				5.9		3.3		2			
Middle	5.6	0.2	191	25.0						25.0	7.9	7.9	22.9	22.7	76.3	76.3	5.5	5.5	13.2	5.4	2	2	825699	806927								
	5.6	0.2	184	25.0							7.9	7.9	22.6	22.7	76.2	76.3	5.5		13.5		2											
Bottom	10.2	0.1	207	25.0						25.0	7.9	7.9	25.6	25.6	76.1	76.1	5.4	5.4	13.2	5.4	2	2	825699	806927								
	10.2	0.1	205	25.0							7.9	7.9	25.6	25.6	76.1	76.1	5.4		13.5		3											
C3	Misty	Moderate	17:15	10.8						Surface	1.0	0.5	277	24.8	24.8	7.9	7.9	21.8	21.8	89.0	89.1	6.5	6.6	1.2	2.6	3	3	822131	817785			
											1.0	0.4	281	24.8		7.9	7.9	21.8	21.8	89.2	89.1	6.5		1.2		2						
					Middle	5.4	0.5	279	24.7	24.7	8.0	8.0	22.0	22.0	90.0	90.1	6.6	6.6	2.5	6.6	2	3	822131	817785								
						5.4	0.5	280	24.6		8.0	8.0	22.0	22.0	90.2	90.1	6.6		2.5		3											
					Bottom	9.8	0.4	254	24.4	24.4	8.0	8.0	29.3	29.1	92.6	93.0	6.6	6.6	4.0	6.6	2	3	822131	817785								
						9.8	0.4	258	24.4		8.0	8.0	29.0	29.1	93.4	93.0	6.6		3.9		3											
					IM1	Cloudy	Moderate	17:13	6.6	Surface	1.0	0.2	11	25.0	25.0	7.9	7.9	21.4	21.4	85.4	85.0	6.3	6.0	3.3	5.3	5				4	818370	806476
											1.0	0.2	11	24.9		7.9	7.9	21.5	21.4	84.6	85.0	6.2		3.4		4						
Middle	3.3	0.2	359	24.7						24.7	7.9	7.9	26.7	26.7	79.7	79.8	5.7	5.7	4.0	5.7	4	4	818370	806476								
	3.3	0.2	1	24.7							7.9	7.9	26.6	26.7	79.9	79.8	5.7		4.2		4											
Bottom	5.6	0.1	359	24.9						24.9	7.9	7.9	29.1	29.1	80.5	80.6	5.7	5.7	8.6	5.7	4	4	818370	806476								
	5.6	0.1	359	24.9							7.9	7.9	29.1	29.1	80.6	80.6	5.7		8.1		3											
IM2	Cloudy	Moderate	17:07	6.9						Surface	1.0	0.1	305	25.0	25.0	7.9	7.9	24.4	24.4	80.1	80.0	5.8	5.7	3.5	8.8	2	3	819200	806239			
											1.0	0.1	310	24.9		7.9	7.9	24.4	24.4	79.9	80.0	5.8		3.6		2						
					Middle	3.5	0.2	296	24.7	24.7	7.9	7.9	29.3	29.3	78.0	78.0	5.5	5.5	9.9	5.5	3	3	819200	806239								
						3.5	0.2	289	24.7		7.9	7.9	29.3	29.3	78.0	78.0	5.5		9.5		3											
					Bottom	5.9	0.1	287	24.7	24.7	7.9	7.9	29.7	29.7	78.4	78.5	5.5	5.5	13.0	5.5	3	3	819200	806239								
						5.9	0.1	291	24.7		7.9	7.9	29.7	29.7	78.5	78.5	5.5		13.4		3											
					IM7	Cloudy	Moderate	16:50	7.2	Surface	1.0	0.2	263	25.3	25.3	7.8	7.8	15.2	15.2	81.6	81.7	6.2	6.3	3.1	4.1	4				4	821337	806836
											1.0	0.2	261	25.3		7.8	7.8	15.3	15.2	81.7	81.7	6.2		3.1		4						
Middle	3.6	0.3	234	25.3						25.3	7.8	7.8	16.2	16.2	83.6	83.7	6.3	6.3	4.0	6.3	4	4	821337	806836								
	3.6	0.3	231	25.3							7.8	7.8	16.2	16.2	83.7	83.7	6.3		4.1		5											
Bottom	6.2	0.2	230	25.3						25.3	7.8	7.8	16.6	16.6	84.8	84.8	6.3	6.3	5.2	6.3	4	4	821337	806836								
	6.2	0.2	226	25.3							7.8	7.8	16.6	16.6	84.8	84.8	6.3		5.3		4											

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 14 May 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	Misty	Moderate	16:25	6.6	Surface	1.0	0.2	243	24.9	24.9	7.9	7.9	18.7	18.7	90.1	90.0	6.7	6.7	1.0	1.8	4	4	822227	809830							
						1.0	0.2	247	24.9		7.9	7.9	18.7	18.7	89.9	90.0	6.7		1.1		5										
					Middle	3.3	0.2	256	24.8	24.8	7.9	7.9	18.9	18.9	88.8	88.8	6.6		1.4		4										
						3.3	0.2	257	24.8		7.9	7.9	18.9	18.9	88.7	88.8	6.6		1.5		3										
					Bottom	5.6	0.2	245	24.8	24.8	7.9	7.9	20.2	20.2	89.1	89.3	6.6		3.0		4										
						5.6	0.2	239	24.8		7.9	7.9	20.2	20.2	89.4	89.3	6.6		2.9		3										
IM11	Misty	Moderate	16:35	8.0	Surface	1.0	0.2	270	24.9	24.9	7.9	7.9	19.1	19.1	91.0	91.0	6.8	6.7	1.1	2.5	2	3	821489	810538							
						1.0	0.2	273	24.9		7.9	7.9	19.1	19.1	90.9	91.0	6.8		1.0		2										
					Middle	4.0	0.2	279	24.8	24.8	7.9	7.9	20.6	20.6	90.2	90.2	6.7		2.4		2										
						4.0	0.2	275	24.8		7.9	7.9	20.7	20.7	90.1	90.2	6.6		2.5		2										
					Bottom	7.0	0.2	282	24.8	24.8	7.9	7.9	20.9	20.8	91.7	93.6	6.8		4.0		3										
						7.0	0.2	283	24.8		7.9	7.9	20.7	20.8	95.4	93.6	7.0		6.9		4.0				4						
IM12	Misty	Moderate	16:37	7.2	Surface	1.0	0.3	275	24.8	24.8	7.9	7.9	18.7	18.7	91.3	91.2	6.8	6.8	1.0	1.8	<2	2	821169	811535							
						1.0	0.3	269	24.8		7.9	7.9	18.7	18.7	91.1	91.2	6.8		1.0		<2										
					Middle	3.6	0.3	280	25.0	25.0	8.0	8.0	20.3	20.4	91.1	91.2	6.7		1.6		2										
						3.6	0.3	286	25.0		8.0	8.0	20.4	20.4	91.2	91.2	6.7		1.5		2										
					Bottom	6.2	0.3	305	25.2	25.2	8.0	8.0	20.6	20.5	93.0	93.3	6.8		2.7		2										
						6.2	0.4	311	25.2		8.0	8.0	20.5	20.5	93.6	93.3	6.9		6.9		2.8				2						
SR1A	Misty	Moderate	16:57	5.0	Surface	1.0	0.0	209	24.9	24.9	7.9	7.9	19.0	19.0	92.2	92.2	6.9	6.9	1.3	1.8	3	3	819981	812665							
						1.0	0.1	202	24.9		7.9	7.9	19.0	19.0	92.2	92.2	6.9		6.9		1.3				4						
					Middle	2.5	0.0	180	-	-	-	-	-	-	-	-	-		-		-				-	-	-	-	-	-	-
						2.5	0.0	181	-		-	-	-	-	-	-	-		-		-				-	-	-	-	-	-	-
					Bottom	4.0	-	184	24.8	24.8	7.9	7.9	20.3	20.3	92.4	92.5	6.8		2.2		2										
						4.0	0.0	182	24.8		7.9	7.9	20.3	20.3	92.5	92.5	6.8		6.8		2.2				2						
SR2	Misty	Moderate	17:09	4.2	Surface	1.0	0.1	271	24.9	24.9	8.0	8.0	20.3	20.3	92.7	92.8	6.8	6.9	1.9	2.4	3	3	821444	814148							
						1.0	0.1	271	24.8		8.0	8.0	20.4	20.3	92.8	92.8	6.9		6.9		1.9				2						
					Middle	-	0.2	269	-	-	-	-	-	-	-	-	-		-		-				-	-	-	-	-	-	-
						-	0.1	267	-		-	-	-	-	-	-	-		-		-				-	-	-	-	-	-	-
					Bottom	3.2	0.1	269	24.4	24.4	8.0	8.0	21.0	21.0	94.9	95.2	7.0		2.9		3										
						3.2	0.1	264	24.4		8.0	8.0	21.1	21.0	95.5	95.2	7.1		7.1		3.0				3						
SR3	Cloudy	Moderate	16:44	8.9	Surface	1.0	0.1	197	25.3	25.3	7.8	7.8	13.9	13.8	79.3	79.4	6.0	6.0	2.7	5.7	3	3	822124	807566							
						1.0	0.1	192	25.3		7.8	7.8	13.8	13.8	79.4	79.4	6.0		6.0		2.7				4						
					Middle	4.5	0.1	223	25.2	25.2	7.8	7.8	18.5	18.6	79.5	79.6	5.9		3.4		3										
						4.5	0.1	225	25.2		7.8	7.8	18.6	18.6	79.6	79.6	5.9		5.9		3.4				3						
					Bottom	7.9	0.1	224	25.2	25.2	7.8	7.8	18.7	18.7	79.8	79.8	5.9		11.8		3										
						7.9	0.1	217	25.2		7.8	7.8	18.8	18.7	79.8	79.8	5.9		5.9		10.4				2						
SR4A	Cloudy	Moderate	17:51	8.8	Surface	1.0	0.0	153	25.2	25.2	7.8	7.8	18.3	18.3	82.5	82.4	6.1	6.0	5.6	9.1	5	6	817204	807805							
						1.0	0.0	150	25.2		7.8	7.8	18.4	18.3	82.3	82.4	6.1		6.1		5.8				5						
					Middle	4.4	0.0	172	25.1	25.1	7.8	7.8	19.0	19.0	79.9	79.8	5.9		9.1		5										
						4.4	-	177	25.1		7.8	7.8	19.0	19.0	79.7	79.8	5.9		5.9		9.5				6						
					Bottom	7.8	0.0	155	25.0	25.0	7.8	7.8	21.8	21.8	80.3	80.4	5.9		12.1		6										
						7.8	0.0	161	25.0		7.8	7.8	21.8	21.8	80.5	80.4	5.9		5.9		12.2				6						
SR8	Misty	Moderate	16:41	5.6	Surface	1.0	-	-	25.1	25.1	8.0	8.0	18.0	18.0	95.7	95.8	7.1	7.1	1.2	1.6	2	2	820367	811604							
						1.0	-	-	25.1		8.0	8.0	18.0	18.0	95.8	95.8	7.1		7.1		1.2				3						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-				-	-	-	-	-	-	-
						-	-	-	-		-	-	-	-	-	-	-		-		-				-	-	-	-	-	-	-
					Bottom	4.6	-	-	25.1	25.1	8.0	8.0	18.5	18.5	96.7	96.9	7.2		2.0		2										
						4.6	-	-	25.1		8.0	8.0	18.5	18.5	97.1	97.1	7.2		7.2		2.1				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 May 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	Fine	Moderate	12:26	9.2	Surface	1.0	0.4	205	24.7	24.8	8.0	8.0	24.2	24.2	88.1	88.1	6.4	6.4	2.7	10.2	4	5	815602	804227		
						1.0	0.4	202	24.8		8.0		24.2		88.1		6.4		2.7		5					
					Middle	4.6	0.4	218	24.4	24.4	8.2	8.2	30.1	30.1	90.9	90.9	6.4	6.4	4.2	6.3	4.3				6.3	4
						4.6	0.4	210	24.4		8.2		30.1		90.8		6.4		4.3		5					
					Bottom	8.2	0.4	204	24.5	24.5	8.2	8.2	30.5	30.5	89.2	89.2	6.3	6.3	23.8	6.0	23.7				6.0	5
						8.2	0.3	205	24.5		8.2		30.5		89.2		6.3		23.7		5					
C2	Fine	Moderate	14:26	11.5	Surface	1.0	0.9	160	25.4	25.4	7.9	7.9	16.6	16.6	83.3	83.3	6.2	6.0	3.0	38.7	9	21	825705	806936		
						1.0	0.9	163	25.3		7.9		16.7		83.3		6.2		3.0		10					
					Middle	5.8	1.0	166	24.7	24.7	8.0	8.0	22.8	22.8	79.5	79.5	5.8	5.7	25.3	6.3	24.2				6.3	15
						5.8	1.0	172	24.7		8.0		22.8		79.5		5.8		24.2		12					
					Bottom	10.5	1.0	178	24.7	24.7	8.0	8.0	26.5	26.5	79.5	79.6	5.7	5.7	89.1	6.0	87.8				6.0	34
						10.5	1.0	173	24.7		8.0		26.5		79.6		5.7		87.8		47					
C3	Fine	Calm	12:59	10.8	Surface	1.0	0.5	76	24.3	24.3	8.0	8.0	27.6	27.6	87.4	87.4	6.3	6.3	3.1	4.1	6	6	822102	817789		
						1.0	0.5	79	24.3		8.0		27.6		87.4		6.3		3.1		6					
					Middle	5.4	0.5	70	24.3	24.3	8.0	8.0	29.7	29.8	87.4	87.4	6.2	6.3	4.1	6.3	4.1				6.3	6
						5.4	0.5	66	24.3		8.0		29.8		87.4		6.2		4.1		6					
					Bottom	9.8	0.5	71	24.3	24.3	8.0	8.0	29.8	29.7	88.2	88.3	6.2	6.3	5.2	6.3	5.2				6.3	7
						9.8	0.5	66	24.3		8.0		29.7		88.4		6.3		5.2		6					
IM1	Fine	Moderate	12:51	7.1	Surface	1.0	0.3	186	24.8	24.8	7.8	7.8	25.8	25.8	87.5	87.6	6.3	6.3	3.7	6.5	6	6	818339	806434		
						1.0	0.3	191	24.8		7.8		25.8		87.6		6.3		3.7		6					
					Middle	3.6	0.3	204	24.5	24.5	7.9	7.9	28.6	28.6	88.1	88.1	6.3	6.2	5.3	6.2	5.9				6.2	7
						3.6	0.3	204	24.5		7.9		28.7		88.1		6.2		5.9		6					
					Bottom	6.1	0.3	178	24.5	24.5	7.9	7.9	29.8	29.8	87.5	87.5	6.2	6.2	10.4	6.2	10.1				6.2	6
						6.1	0.2	172	24.5		7.9		29.8		87.5		6.2		10.1		7					
IM2	Fine	Moderate	13:00	8.0	Surface	1.0	0.3	200	24.7	24.7	7.9	7.9	25.8	25.8	85.8	85.9	6.2	6.2	2.5	4.9	3	4	819166	806218		
						1.0	0.4	207	24.7		7.9		25.8		85.9		6.2		2.6		4					
					Middle	4.0	0.4	198	24.5	24.5	8.0	8.0	28.4	28.5	87.5	87.5	6.2	6.2	4.3	6.2	4.6				6.2	4
						4.0	0.5	201	24.5		8.0		28.5		87.5		6.2		4.6		4					
					Bottom	7.0	0.3	213	24.6	24.6	8.0	8.0	29.6	29.6	88.5	88.6	6.2	6.2	7.8	6.2	7.7				6.2	4
						7.0	0.3	213	24.6		8.0		29.6		88.6		6.2		7.7		4					
IM7	Fine	Moderate	13:34	8.4	Surface	1.0	0.4	184	25.1	25.1	7.8	7.8	23.1	23.1	83.0	83.0	6.0	6.0	2.9	5.7	4	5	821359	806818		
						1.0	0.3	178	25.0		7.9		23.1		83.0		6.0		3.1		4					
					Middle	4.2	0.3	181	24.5	24.5	8.1	8.1	26.7	26.7	83.4	83.5	6.0	6.0	6.0	6.0	6.1				6.0	6
						4.2	0.3	188	24.5		8.1		26.8		83.5		6.0		6.1		4					
					Bottom	7.4	0.3	183	24.6	24.6	8.1	8.1	28.1	28.1	84.5	84.5	6.0	6.0	8.0	6.0	8.3				6.0	6
						7.4	0.4	180	24.6		8.1		28.1		84.5		6.0		8.3		7					

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Water Quality Monitoring

Water Quality Monitoring Results on 17 May 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	Calm	12:01	6.6	Surface	1.0	0.6	114	24.4	24.4	8.0	8.0	23.1	23.1	91.3	91.3	6.7	6.7	1.2	2.4	3	3	822243	809844
						1.0	0.6	119	24.4		8.0	8.0	23.1	23.1	91.3	91.3	6.7		1.2		2			
					Middle	3.3	0.5	98	24.4	24.4	8.0	8.0	23.3	23.3	91.6	91.7	6.7	6.7	2.7	2				
						3.3	0.5	91	24.4		8.0	8.0	23.3	23.3	91.7	91.7	6.7		2.7	2				
					Bottom	5.6	0.5	123	24.4	24.4	7.9	7.9	27.1	26.9	93.1	93.5	6.7	6.8	3.2	4				
						5.6	0.5	121	24.4		7.9	7.9	26.8	26.9	93.8	93.8	6.8		3.3	3				
IM11	Fine	Calm	12:06	7.0	Surface	1.0	0.6	87	24.1	24.1	7.9	7.9	25.9	25.9	90.8	90.9	6.6	6.7	11.4	13.9	4	6	821506	810550
						1.0	0.6	90	24.1		7.9	7.9	25.9	25.9	91.0	91.0	6.6		11.5		4			
					Middle	3.5	0.6	94	24.1	24.1	7.9	7.9	26.0	26.0	91.7	91.8	6.7	6.7	13.3	6				
						3.5	0.6	96	24.1		7.9	7.9	26.1	26.1	91.9	91.9	6.7		13.3	7				
					Bottom	6.0	0.6	70	24.1	24.1	7.9	7.9	26.1	26.1	94.7	94.9	6.9	6.9	17.0	8				
						6.0	0.6	75	24.1		7.9	7.9	26.1	26.1	95.1	95.1	6.9		16.9	7				
IM12	Fine	Calm	12:11	7.2	Surface	1.0	0.7	97	24.1	24.1	7.9	7.9	24.9	24.8	88.7	88.8	6.5	6.5	9.8	11.7	7	6	821144	811497
						1.0	0.7	101	24.1		7.9	7.9	24.8	24.8	88.8	88.8	6.5		9.7		6			
					Middle	3.6	0.7	98	24.1	24.1	7.9	7.9	26.4	26.4	89.1	89.2	6.4	6.4	11.4	6				
						3.6	0.6	95	24.1		7.9	7.9	26.4	26.4	89.2	89.2	6.4		11.4	6				
					Bottom	6.2	0.7	110	24.1	24.1	7.9	7.9	26.7	26.7	89.9	90.1	6.5	6.5	14.1	5				
						6.2	0.7	113	24.1		7.9	7.9	26.7	26.7	90.2	90.2	6.5		14.0	6				
SR1A	Fine	Calm	12:32	5.4	Surface	1.0	0.0	88	24.4	24.4	7.9	7.9	24.1	24.2	90.4	90.4	6.6	6.6	5.5	5.9	5	6	819976	812666
						1.0	0.0	90	24.4		7.9	7.9	24.2	24.2	90.3	90.3	6.6		5.6		6			
					Middle	2.7	-	78	-	-	-	-	-	-	-	-	-	-	-	-				
						2.7	0.0	74	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.4	0.0	75	24.3	24.3	7.9	7.9	26.6	26.6	95.4	96.0	6.9	6.9	6.4	6				
						4.4	0.0	68	24.3		7.9	7.9	26.5	26.6	96.5	96.5	6.9		6.3	6				
SR2	Fine	Calm	12:44	4.8	Surface	1.0	0.6	65	24.2	24.2	7.9	7.9	25.3	25.2	91.7	92.0	6.7	6.7	5.4	5.9	5	4	821471	814164
						1.0	0.5	70	24.2		7.9	7.9	25.2	25.2	92.3	92.3	6.7		5.4		4			
					Middle	-	0.6	39	-	-	-	-	-	-	-	-	-	-	-	-				
						-	0.6	31	-		-	-	-	-	-	-	-		-	-				
					Bottom	3.8	0.6	41	24.2	24.2	7.9	7.9	27.3	27.1	99.4	100.2	7.1	7.2	6.5	4				
						3.8	0.6	40	24.2		7.9	7.9	26.9	27.1	100.9	100.9	7.3		6.4	4				
SR3	Fine	Moderate	13:44	9.4	Surface	1.0	0.7	152	24.8	24.8	8.0	8.0	23.0	23.0	84.2	84.1	6.1	6.1	3.4	5.4	5	5	822142	807551
						1.0	0.6	149	24.8		8.0	8.0	23.1	23.0	84.0	84.0	6.1		3.4		4			
					Middle	4.7	0.7	146	24.6	24.6	8.1	8.1	24.5	24.5	82.1	82.2	6.0	6.0	4.4	4				
						4.7	0.7	143	24.6		8.1	8.1	24.5	24.5	82.2	82.2	6.0		4.8	4				
					Bottom	8.4	0.7	144	24.5	24.5	8.2	8.2	27.3	27.3	83.0	83.1	5.9	5.9	8.3	6				
						8.4	0.7	136	24.5		8.2	8.2	27.3	27.3	83.1	83.1	5.9		8.3	7				
SR4A	Fine	Moderate	12:04	9.7	Surface	1.0	0.0	92	24.7	24.7	8.1	8.1	26.3	26.3	84.0	84.1	6.0	6.0	5.9	8.1	6	7	817185	807796
						1.0	0.0	89	24.7		8.1	8.1	26.3	26.3	84.1	84.1	6.0		5.9		6			
					Middle	4.9	0.0	109	24.5	24.5	8.2	8.2	29.4	29.4	85.0	85.0	6.0	6.0	8.9	7				
						4.9	-	102	24.5		8.2	8.2	29.4	29.4	85.0	85.0	6.0		9.0	7				
					Bottom	8.7	0.0	101	24.6	24.6	8.2	8.2	29.4	29.4	85.1	85.1	6.0	6.0	9.4	8				
						8.7	0.0	100	24.6		8.2	8.2	29.4	29.4	85.1	85.1	6.0		9.3	7				
SR8	Fine	Calm	12:15	5.6	Surface	1.0	-	-	24.7	24.7	7.9	7.9	24.6	24.6	91.2	91.3	6.6	6.6	3.5	4.1	5	5	820388	811619
						1.0	-	-	24.7		7.9	7.9	24.6	24.6	91.3	91.3	6.6		3.4		4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.6	-	-	24.7	24.7	7.9	7.9	24.6	24.6	92.2	92.4	6.7	6.7	4.6	5				
						4.6	-	-	24.7		7.9	7.9	24.6	24.6	92.5	92.5	6.7		4.7	4				

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 17 May 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	Fine	Moderate	08:35	8.2	Surface	1.0	0.5	39	24.3	24.3	8.0	8.0	25.2	25.2	89.1	89.2	6.5	6.4	9.2	9.7	3	3	815609	804260							
						1.0	0.5	43	24.3		8.0	8.0	25.2	25.2	89.3	89.2	6.5		9.6		4										
					Middle	4.1	0.4	46	24.4	24.4	8.0	8.0	30.4	30.4	89.9	90.0	6.3	6.4	8.2	6.4	2				6.4	2	6.4	6.4	6.4	6.4	
						4.1	0.4	50	24.4		8.0	8.0	30.4	30.4	90.0	90.0	6.3		8.5		3										
					Bottom	7.2	0.5	38	24.3	24.3	8.0	8.0	30.4	30.5	90.6	90.7	6.4	6.4	11.1	6.4	6.4				6.4	3	6.4	6.4	6.4	6.4	6.4
						7.2	0.5	37	24.3		8.0	8.0	30.5	30.5	90.8	90.7	6.4		11.7		2										
C2	Fine	Moderate	07:28	11.4	Surface	1.0	0.3	351	24.3	24.3	8.0	8.0	20.2	20.2	79.7	79.7	6.0	5.9	2.1	4.7	3	3	825700	806951							
						1.0	0.3	357	24.3		8.0	8.0	20.2	20.2	79.7	79.7	6.0		2.1		4										
					Middle	5.7	0.3	0	24.5	24.5	8.0	8.0	21.5	21.5	77.9	77.9	5.8	5.6	2.4	5.6	2				5.6	2	5.6	5.6	5.6	5.6	
						5.7	0.3	5	24.5		8.0	8.0	21.5	21.5	77.9	77.9	5.8		2.6		3										
					Bottom	10.4	0.3	6	24.5	24.5	7.9	7.9	23.2	23.2	77.1	77.1	5.6	5.6	9.5	5.6	5.6				5.6	2	5.6	5.6	5.6	5.6	5.6
						10.4	0.3	0	24.5		7.9	7.9	23.2	23.2	77.1	77.1	5.6		9.6		2										
C3	Fine	Calm	07:32	8.6	Surface	1.0	0.5	270	24.1	24.1	7.9	7.9	26.0	26.1	84.4	84.4	6.1	6.1	4.1	6.0	4	4	822129	817788							
						1.0	0.5	274	24.1		7.9	7.9	26.1	26.1	84.4	84.4	6.1		4.1		4										
					Middle	4.3	0.5	240	24.1	24.1	7.9	7.9	26.5	26.5	84.2	84.2	6.1	6.3	6.1	6.3	5				6.3	5	6.3	6.3	6.3	6.3	
						4.3	0.4	235	24.1		7.9	7.9	26.5	26.5	84.2	84.2	6.1		6.1		4										
					Bottom	7.6	0.5	258	24.1	24.1	7.9	7.9	26.6	26.6	85.7	87.3	6.2	6.3	7.7	6.3	6.3				6.3	4	6.3	6.3	6.3	6.3	6.3
						7.6	0.5	265	24.1		7.9	7.9	26.6	26.6	88.9	87.3	6.4		7.7		5										
IM1	Fine	Moderate	08:22	7.2	Surface	1.0	0.3	22	24.4	24.4	8.0	8.0	25.5	25.5	82.4	82.5	6.0	5.9	5.8	10.9	3	3	818338	806471							
						1.0	0.3	23	24.3		8.0	8.0	25.5	25.5	82.5	82.5	6.0		5.7		4										
					Middle	3.6	0.3	21	24.4	24.4	8.0	8.0	26.6	26.6	81.3	81.4	5.8	5.9	13.5	5.9	3				5.9	3	5.9	5.9	5.9	5.9	
						3.6	0.3	28	24.4		8.0	8.0	26.6	26.6	81.4	81.4	5.8		13.9		4										
					Bottom	6.2	0.2	6	24.4	24.4	8.0	8.0	26.7	26.7	82.1	82.1	5.9	5.9	12.8	5.9	5.9				5.9	3	5.9	5.9	5.9	5.9	5.9
						6.2	0.2	1	24.4		8.0	8.0	26.7	26.7	82.1	82.1	5.9		14.0		3										
IM2	Fine	Moderate	08:16	7.6	Surface	1.0	0.3	32	24.3	24.3	8.0	8.0	25.5	25.5	82.2	82.2	6.0	6.0	4.2	5.6	2	3	819191	806219							
						1.0	0.3	37	24.3		8.0	8.0	25.5	25.5	82.2	82.2	6.0		4.2		3										
					Middle	3.8	0.3	18	24.4	24.4	8.0	8.0	26.4	26.5	81.8	81.9	5.9	5.9	6.2	5.9	4				5.9	4	5.9	5.9	5.9	5.9	
						3.8	0.3	17	24.4		8.0	8.0	26.5	26.5	81.9	81.9	5.9		6.1		3										
					Bottom	6.6	0.3	358	24.4	24.4	8.0	8.0	27.1	27.0	82.9	82.9	5.9	5.9	6.3	5.9	5.9				5.9	3	5.9	5.9	5.9	5.9	5.9
						6.6	0.4	355	24.4		8.0	8.0	27.0	27.0	82.9	82.9	5.9		6.4		4										
IM7	Fine	Moderate	07:56	8.0	Surface	1.0	0.3	11	24.1	24.2	7.9	7.9	19.6	19.5	81.1	81.1	6.1	6.0	2.4	6.4	3	3	821333	806836							
						1.0	0.3	13	24.2		7.9	7.9	19.5	19.5	81.0	81.0	6.1		2.5		4										
					Middle	4.0	0.3	356	24.2	24.2	7.9	7.9	21.6	21.6	80.2	80.2	5.9	5.8	4.8	5.8	3				5.8	3	5.8	5.8	5.8	5.8	
						4.0	0.3	354	24.2		7.9	7.9	21.6	21.6	80.2	80.2	5.9		5.3		3										
					Bottom	7.0	0.3	22	24.3	24.3	7.9	7.9	26.1	26.1	80.4	80.5	5.8	5.8	11.9	5.8	5.8				5.8	3	5.8	5.8	5.8	5.8	5.8
						7.0	0.3	27	24.3		7.9	7.9	26.1	26.1	80.5	80.5	5.8		11.8		2										

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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 17 May 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	Fine	Calm	08:33	7.8	Surface	1.0	0.3	277	24.0	24.0	7.9	7.9	23.0	23.0	86.2	86.3	6.4	6.4	5.6	6.4	4	5	822248	809856				
						1.0	0.3	279	24.0	24.0	7.9	7.9	23.0	23.0	86.4	86.3	6.4	6.4	5.6	6.4	4							
					Middle	3.9	0.4	273	24.1	24.1	7.9	7.9	25.4	25.4	86.9	87.0	6.3	6.3	7.6	6.3	5				5			
						3.9	0.3	267	24.1	24.1	7.9	7.9	25.5	25.4	87.1	87.0	6.3	6.3	7.5	6.3	5				5			
					Bottom	6.8	0.3	302	24.1	24.1	7.9	7.9	25.7	25.7	89.1	89.2	6.5	6.5	9.5	6.5	5				5			
						6.8	0.3	303	24.1	24.1	7.9	7.9	25.6	25.7	89.3	89.2	6.5	6.5	9.4	6.5	5				5			
IM11	Fine	Calm	08:27	7.8	Surface	1.0	0.3	264	24.2	24.2	7.9	7.9	26.1	26.1	85.2	85.3	6.2	6.2	8.9	6.3	9	11	821514	810538				
						1.0	0.3	263	24.2	24.2	7.9	7.9	26.1	26.1	85.3	85.3	6.2	6.2	8.9	6.3	10							
					Middle	3.9	0.4	272	24.2	24.2	7.9	7.9	26.2	26.2	86.7	86.8	6.3	6.3	9.6	6.3	12				11			
						3.9	0.3	278	24.2	24.2	7.9	7.9	26.2	26.2	86.9	86.8	6.3	6.3	9.6	6.3	11				11			
					Bottom	6.8	0.3	255	24.2	24.2	7.9	7.9	26.1	26.1	89.3	89.7	6.5	6.5	13.4	6.5	12				12			
						6.8	0.4	249	24.2	24.2	7.9	7.9	26.1	26.1	90.0	89.7	6.5	6.5	13.5	6.5	12				12			
IM12	Fine	Calm	08:21	9.0	Surface	1.0	0.5	292	24.2	24.2	7.9	7.9	24.6	24.6	84.2	84.2	6.1	6.1	9.1	6.1	4	3	821151	811534				
						1.0	0.5	293	24.2	24.2	7.9	7.9	24.6	24.6	84.2	84.2	6.1	6.1	9.1	6.1	3							
					Middle	4.5	0.4	285	24.2	24.2	7.9	7.9	27.5	27.5	85.5	85.6	6.1	6.1	16.1	6.1	4				4			
						4.5	0.4	279	24.2	24.2	7.9	7.9	27.5	27.5	85.6	85.6	6.1	6.1	16.1	6.1	3				3			
					Bottom	8.0	0.5	301	24.2	24.2	7.9	7.9	27.5	27.5	86.4	86.6	6.2	6.2	17.2	6.2	3				3			
						8.0	0.5	307	24.2	24.2	7.9	7.9	27.5	27.5	86.7	86.6	6.2	6.2	17.3	6.2	3				3			
SR1A	Fine	Calm	08:08	5.0	Surface	1.0	0.0	183	23.8	23.8	7.9	7.9	23.7	23.7	83.7	83.7	6.2	6.2	2.8	6.2	2	2	819975	812655				
						1.0	0.1	181	23.8	23.8	7.9	7.9	23.8	23.7	83.7	83.7	6.2	6.2	2.7	6.2	2							
					Middle	2.5	0.0	184	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3.1	-
						2.5	0.0	188	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3.1	-
					Bottom	4.0	0.0	173	23.9	23.9	7.9	7.9	24.2	24.3	83.9	84.0	6.2	6.2	3.5	6.2	2				6.2	2	2	
						4.0	0.1	169	23.8	23.9	8.0	7.9	24.3	24.3	84.1	84.0	6.2	6.2	3.4	6.2	2				6.2	2	2	
SR2	Fine	Calm	07:47	5.2	Surface	1.0	0.1	219	24.0	24.0	7.9	7.9	25.2	25.2	84.6	84.6	6.2	6.2	2.1	6.2	4	4	821462	814167				
						1.0	0.1	214	24.0	24.0	7.9	7.9	25.2	25.2	84.6	84.6	6.2	6.2	2.1	6.2	4							
					Middle	-	0.1	244	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3.0	-
						-	0.1	243	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	3.0	-
					Bottom	4.2	0.2	257	24.0	24.0	7.9	7.9	25.4	25.4	84.6	84.6	6.2	6.2	3.9	6.2	4				6.2	4	4	
						4.2	0.1	259	24.0	24.0	7.9	7.9	25.4	25.4	84.6	84.6	6.2	6.2	3.8	6.2	4				6.2	4	4	
SR3	Fine	Moderate	07:49	8.9	Surface	1.0	0.3	342	24.3	24.3	7.9	7.9	20.5	20.5	79.6	79.6	5.9	5.9	3.0	5.9	3	3	822168	807572				
						1.0	0.3	343	24.3	24.3	7.9	7.9	20.6	20.5	79.6	79.6	5.9	5.9	3.0	5.9	3							
					Middle	4.5	0.3	344	24.4	24.4	8.0	8.0	21.5	21.5	79.6	79.7	5.9	5.9	5.2	5.9	3				6.5	3		
						4.5	0.2	337	24.4	24.4	8.0	8.0	21.5	21.5	79.7	79.7	5.9	5.9	5.2	5.9	3				6.5	3		
					Bottom	7.9	0.3	348	24.4	24.4	8.0	8.0	26.4	26.4	80.4	80.5	5.8	5.8	11.2	5.8	2				5.8	2		
						7.9	0.3	340	24.4	24.4	8.0	8.0	26.4	26.4	80.5	80.5	5.8	5.8	11.4	5.8	2				5.8	2		
SR4A	Fine	Moderate	08:44	9.2	Surface	1.0	0.0	114	24.3	24.4	8.3	8.3	25.1	25.1	80.7	80.7	5.9	5.9	9.3	5.9	4	7	817202	807818				
						1.0	0.1	118	24.4	24.4	8.3	8.3	25.1	25.1	80.7	80.7	5.9	5.9	9.9	5.9	5							
					Middle	4.6	0.0	138	24.5	24.5	8.3	8.3	26.9	26.9	80.8	80.9	5.8	5.8	11.4	5.8	7				12.1	7		
						4.6	0.0	130	24.5	24.5	8.3	8.3	26.9	26.9	80.9	80.9	5.8	5.8	11.4	5.8	8				12.1	7		
					Bottom	8.2	0.0	125	24.5	24.5	8.3	8.3	27.3	27.3	82.5	82.6	5.9	5.9	15.3	5.9	8				12.1	8		
						8.2	0.1	130	24.5	24.5	8.3	8.3	27.3	27.3	82.7	82.6	5.9	5.9	15.2	5.9	8				12.1	8		
SR8	Fine	Calm	08:17	5.4	Surface	1.0	-	-	23.7	23.7	7.9	7.9	26.3	26.4	90.1	90.4	6.6	6.6	7.4	6.6	4	4	820383	811646				
						1.0	-	-	23.7	23.7	7.9	7.9	26.5	26.4	90.6	90.4	6.6	6.6	7.4	6.6	5							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	8.2	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	8.2	-
					Bottom	4.4	-	-	23.4	23.4	7.9	7.9	27.2	27.2	93.4	93.9	6.8	6.9	8.9	6.9	3				6.9	3		
						4.4	-	-	23.3	23.4	7.9	7.9	27.2	27.2	94.4	93.9	6.9	6.9	8.9	6.9	3				6.9	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 19 May 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	Fine	Moderate	14:19	7.3	Surface	1.0	0.5	215	25.0	25.0	8.0	8.0	22.4	22.4	101.6	101.4	7.4	7.1	1.1	2.5	5	6	815632	804266
						1.0	0.6	220	25.0		8.0	8.0	22.5	22.4	101.2	101.4	7.4		1.0					
					Middle	3.7	0.5	216	24.9	24.9	8.0	8.0	23.2	23.2	93.2	93.1	6.8	6.8	2.6	6				
						3.7	0.5	212	24.9		8.0	8.0	23.3	23.2	93.0	93.1	6.8		2.6	7				
					Bottom	6.3	0.5	194	25.0	25.0	8.0	8.0	24.2	24.1	92.9	93.3	6.7	6.8	4.0	7				
						6.3	0.5	191	25.0		8.0	8.0	24.0	24.1	93.6	93.3	6.8		4.0	6				
C2	Fine	Moderate	13:40	12.1	Surface	1.0	0.5	165	25.0	25.0	8.0	8.0	22.8	22.9	94.3	94.2	6.9	6.8	1.3	2.4	6	6	825704	806927
						1.0	0.6	158	24.9		8.0	8.0	22.9	22.9	94.1	94.2	6.8		1.4					
					Middle	6.1	0.6	173	24.6	24.6	8.0	8.0	23.5	23.5	93.1	92.9	6.8	6.8	2.1	6				
						6.1	0.6	172	24.6		8.0	8.0	23.5	23.5	92.7	92.9	6.8		2.1	5				
					Bottom	11.1	0.5	188	24.6	24.7	8.0	8.0	25.7	25.7	87.7	88.0	6.3	6.3	3.9	8				
						11.1	0.5	190	24.7		8.0	8.0	25.7	25.7	88.2	88.0	6.3		3.8	7				
C3	Fine	Moderate	14:46	10.4	Surface	1.0	0.6	63	24.7	24.7	8.0	8.0	27.1	27.1	95.2	95.1	6.8	6.6	1.5	3.1	5	7	822100	817793
						1.0	0.5	62	24.7		8.0	8.0	27.2	27.1	94.9	95.1	6.8		1.4					
					Middle	5.2	0.6	51	24.5	24.5	8.0	8.0	28.4	28.5	88.3	88.3	6.3	6.3	2.6	6				
						5.2	0.6	51	24.4		8.0	8.0	28.7	28.5	88.2	88.3	6.3		2.7	6				
					Bottom	9.4	0.6	93	24.5	24.5	8.0	8.0	28.6	28.5	88.9	89.2	6.3	6.3	5.2	8				
						9.4	0.5	93	24.5		8.0	8.0	28.4	28.5	89.4	89.2	6.3		5.1	9				
IM1	Fine	Moderate	14:05	6.1	Surface	1.0	0.3	186	25.1	25.1	8.0	8.0	23.8	23.8	93.0	92.8	6.7	6.6	2.1	3.3	5	6	818347	806465
						1.0	0.3	188	25.0		8.0	8.0	23.9	23.8	92.5	92.8	6.7		2.1					
					Middle	3.1	0.3	198	24.8	24.8	8.0	8.0	24.7	24.8	90.7	90.8	6.5	6.6	3.3	6				
						3.1	0.4	199	24.8		8.0	8.0	24.8	24.8	90.9	90.8	6.6		3.3	6				
					Bottom	5.1	0.3	202	24.9	25.0	8.0	8.0	24.3	24.2	92.3	92.5	6.7	6.7	4.4	8				
						5.1	0.3	198	25.0		8.0	8.0	24.2	24.2	92.7	92.5	6.7		4.4	7				
IM2	Fine	Moderate	14:01	7.1	Surface	1.0	0.4	186	25.1	25.1	8.0	8.0	22.0	22.0	98.7	98.6	7.2	6.9	2.7	3.6	4	5	819184	806256
						1.0	0.4	182	25.1		8.0	8.0	22.0	22.0	98.5	98.6	7.2		2.8					
					Middle	3.6	0.4	180	24.9	24.9	8.0	8.0	22.4	22.4	91.0	90.8	6.6	6.6	3.1	4				
						3.6	0.4	184	24.9		8.0	8.0	22.4	22.4	90.6	90.8	6.6		3.2	6				
					Bottom	6.1	0.3	207	25.0	25.0	8.0	8.0	26.1	26.1	89.6	90.3	6.4	6.5	5.0	6				
						6.1	0.3	208	25.0		8.0	8.0	26.1	26.1	90.9	90.3	6.5		4.9	6				
IM7	Fine	Moderate	13:51	7.8	Surface	1.0	0.3	155	25.0	25.0	8.0	8.0	22.0	22.0	98.3	98.2	7.2	6.8	2.7	3.6	6	5	821371	806839
						1.0	0.3	158	24.9		8.0	8.0	22.0	22.0	98.0	98.2	7.2		2.7					
					Middle	3.9	0.3	133	24.6	24.6	8.0	8.0	24.7	24.8	88.5	88.4	6.4	6.8	3.9	6				
						3.9	0.3	134	24.6		8.0	8.0	24.8	24.8	88.3	88.4	6.4		3.9	5				
					Bottom	6.8	0.2	121	24.9	24.9	8.0	8.0	25.3	25.3	88.8	89.1	6.4	6.4	4.1	4				
						6.8	0.2	119	24.9		8.0	8.0	25.3	25.3	89.4	89.1	6.4		4.2	4				

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 19 May 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	13:38	8.3	Surface	1.0	0.7	117	25.2	25.2	8.0	8.0	22.4	22.5	95.8	95.6	7.0	6.8	1.3	3.6	5	5	822217	809824
						1.0	0.7	123	25.1		8.0	8.0	22.6	22.5	95.4	95.6	6.9		1.2		4			
					Middle	4.2	0.7	108	24.6	24.6	8.0	8.0	24.0	24.1	92.6	92.5	6.7	6.4	3.5	4				
						4.2	0.7	115	24.5		8.0	8.0	24.1	24.1	92.4	92.5	6.7		3.5	5				
					Bottom	7.3	0.6	117	24.5	24.5	8.0	8.0	25.9	25.9	88.1	88.2	6.3	6.4	6.2	5				
						7.3	0.6	118	24.5		8.0	8.0	25.8	25.9	88.3	88.2	6.4		6.2	4				
IM11	Fine	Moderate	13:44	7.4	Surface	1.0	0.7	86	24.9	24.9	8.0	8.0	22.6	22.7	96.1	95.9	7.0	6.8	1.5	2.9	4	4	821499	810562
						1.0	0.7	90	24.8		8.0	8.0	22.7	22.7	95.6	95.9	7.0		1.5		4			
					Middle	3.7	0.7	103	24.5	24.5	8.0	8.0	24.0	24.0	88.8	89.0	6.5	6.5	2.2	5				
						3.7	0.7	104	24.5		8.0	8.0	23.9	24.0	89.2	89.0	6.5		2.2	4				
					Bottom	6.4	0.8	107	24.5	24.5	8.0	8.0	25.5	25.4	90.2	90.4	6.5	6.5	5.1	5				
						6.4	0.8	111	24.5		8.0	8.0	25.4	25.4	90.6	90.4	6.5		5.1	4				
IM12	Fine	Moderate	13:49	8.8	Surface	1.0	0.8	86	24.9	24.9	8.0	8.0	22.2	22.3	97.2	96.9	7.1	6.7	1.3	3.7	5	6	821148	811527
						1.0	0.8	93	24.8		8.0	8.0	22.4	22.3	96.5	96.9	7.1		1.2		6			
					Middle	4.4	0.7	107	24.5	24.5	8.0	8.0	25.1	25.2	87.7	87.7	6.3	6.4	2.7	6				
						4.4	0.7	100	24.5		8.0	8.0	25.3	25.2	87.7	87.7	6.3		2.7	5				
					Bottom	7.8	0.8	82	24.5	24.6	8.0	8.0	26.0	26.0	88.8	89.0	6.4	6.4	7.1	6				
						7.8	0.8	85	24.6		8.0	8.0	26.0	26.0	89.1	89.0	6.4		7.0	6				
SR1A	Fine	Moderate	14:12	5.3	Surface	1.0	0.1	72	24.9	24.9	8.0	8.0	23.1	23.2	91.7	91.6	6.7	6.7	2.3	3.6	5	6	819983	812664
						1.0	0.0	76	24.8		8.0	8.0	23.2	23.2	91.4	91.6	6.7		2.3		6			
					Middle	2.7	0.0	90	-	-	-	-	-	-	-	-	-	6.6	-	-				
						2.7	0.1	85	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.3	0.1	89	24.8	24.9	8.0	8.0	26.0	26.0	92.1	92.4	6.6	6.6	4.8	6				
						4.3	0.0	89	24.9		8.0	8.0	25.9	26.0	92.6	92.4	6.6		4.9	5				
SR2	Fine	Moderate	14:24	4.6	Surface	1.0	0.7	68	24.6	24.6	8.0	8.0	25.4	25.5	90.7	90.6	6.5	6.5	1.3	2.7	6	7	821477	814151
						1.0	0.7	65	24.5		8.0	8.0	25.6	25.5	90.5	90.6	6.5		1.3		7			
					Middle	-	0.7	73	-	-	-	-	-	-	-	-	-	6.6	-	-				
						-	0.7	66	-		-	-	-	-	-	-	-		-	-				
					Bottom	3.6	0.7	61	24.4	24.4	8.0	8.0	26.2	26.2	91.4	91.8	6.6	6.6	4.2	7				
						3.6	0.7	55	24.4		8.0	8.0	26.2	26.2	92.1	91.8	6.6		4.1	6				
SR3	Fine	Moderate	13:45	7.9	Surface	1.0	0.6	149	24.8	24.8	8.0	8.0	22.8	22.8	95.9	95.7	7.0	6.7	1.1	1.9	5	5	822146	807588
						1.0	0.6	145	24.7		8.0	8.0	22.9	22.8	95.4	95.7	7.0		1.1		6			
					Middle	4.0	0.6	173	24.5	24.5	8.0	8.0	24.0	23.9	87.1	87.0	6.3	6.2	1.8	6				
						4.0	0.5	176	24.5		8.0	8.0	23.9	23.9	86.8	87.0	6.3		1.8	5				
					Bottom	6.9	0.5	162	24.6	24.7	8.0	8.0	25.7	25.6	86.7	86.8	6.2	6.2	2.8	5				
						6.9	0.5	160	24.7		8.0	8.0	25.6	25.6	86.9	86.8	6.2		2.8	5				
SR4A	Fine	Moderate	14:48	8.6	Surface	1.0	0.0	77	24.8	24.8	8.0	8.0	26.8	26.8	93.4	93.2	6.7	6.6	1.0	1.9	6	7	817166	807827
						1.0	0.1	74	24.8		8.0	8.0	26.9	26.8	93.0	93.2	6.6		1.0		5			
					Middle	4.3	0.0	76	24.6	24.6	8.0	8.0	27.6	27.6	91.2	91.1	6.5	6.1	1.8	6				
						4.3	0.0	75	24.6		8.0	8.0	27.7	27.6	90.9	91.1	6.5		1.8	7				
					Bottom	7.6	0.0	75	24.4	24.5	8.0	8.0	28.6	28.6	86.5	86.5	6.1	6.1	3.0	7				
						7.6	0.0	73	24.5		8.0	8.0	28.6	28.6	86.5	86.5	6.1		3.0	8				
SR8	Fine	Moderate	13:55	5.4	Surface	1.0	-	-	25.4	25.4	8.0	8.0	23.1	23.2	95.0	95.0	6.8	6.8	2.0	3.1	6	6	820402	811633
						1.0	-	-	25.3		8.0	8.0	23.3	23.2	95.0	95.0	6.8		2.1		6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	6.9	-	-				
						-	-	-	-		-	-	-	-	-	-	-		-	-				
					Bottom	4.4	-	-	25.3	25.4	8.0	8.0	23.7	23.6	95.6	96.0	6.9	6.9	4.1	5				
						4.4	-	-	25.4		8.0	8.0	23.5	23.6	96.3	96.0	6.9		4.2	6				

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

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

Water Quality Monitoring Results on 19 May 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	Fine	Moderate	08:50	7.5	Surface	1.0	0.5	45	24.4	24.4	7.9	7.9	21.3	21.1	85.0	84.9	6.3	6.2	1.7	2.4	5	6	815600	804259	
						1.0	0.4	45	24.4	7.9	7.9	21.0	21.0	84.7	84.9	6.3	6.2	1.7	2.4	6					
					Middle	3.8	0.4	53	24.4	24.4	7.9	7.9	27.5	27.5	83.4	83.4	6.0	6.1	2.1	2.4	6				
						3.8	0.5	47	24.4	24.4	7.9	7.9	27.5	27.5	83.4	83.4	6.0	6.1	2.1	2.4	5				
					Bottom	6.5	0.4	13	24.3	24.3	7.9	7.9	27.5	27.5	84.5	84.7	6.0	6.1	3.6	6.1	3.6				6
						6.5	0.4	18	24.3	24.3	7.9	7.9	27.5	27.5	84.8	84.7	6.1	6.1	3.6	6.1	3.6				6
C2	Fine	Moderate	09:53	12.3	Surface	1.0	0.4	2	24.4	24.4	7.9	7.9	23.9	23.9	86.0	86.0	6.3	6.2	1.7	2.7	6	6	825676	806964	
						1.0	0.4	1	24.4	24.4	7.9	7.9	23.9	23.9	85.9	86.0	6.3	6.2	1.7	2.7	7				
					Middle	6.2	0.4	6	24.3	24.3	7.9	7.9	24.5	24.5	84.3	84.3	6.1	6.1	2.4	6.2	2.4				6
						6.2	0.4	6	24.3	24.3	7.9	7.9	24.5	24.5	84.2	84.3	6.1	6.1	2.4	6.2	2.4				5
					Bottom	11.3	0.4	18	24.3	24.4	7.9	7.9	26.3	26.3	85.6	85.8	6.2	6.2	4.0	6.2	4.0				6
						11.3	0.3	15	24.4	24.4	7.9	7.9	26.3	26.3	85.9	85.8	6.2	6.2	3.9	6.2	3.9				5
C3	Fine	Moderate	07:57	11.0	Surface	1.0	0.5	245	24.3	24.3	7.9	7.9	23.2	23.2	87.8	87.6	6.4	6.3	2.0	3.8	6	7	822130	817782	
						1.0	0.6	249	24.3	24.3	7.9	7.9	23.3	23.2	87.4	87.6	6.4	6.3	2.0	3.8	7				
					Middle	5.5	0.4	241	24.3	24.3	7.9	7.9	26.9	26.8	85.4	85.3	6.1	6.1	3.8	6.0	3.8				6
						5.5	0.5	245	24.3	24.3	7.9	7.9	26.7	26.8	85.2	85.3	6.1	6.1	3.8	6.0	3.8				6
					Bottom	10.0	0.5	235	24.3	24.3	7.9	7.9	30.3	30.3	85.4	85.6	6.0	6.0	5.5	6.0	5.5				8
						10.0	0.5	230	24.3	24.3	7.9	7.9	30.2	30.3	85.7	85.6	6.0	6.0	5.4	6.0	5.4				7
IM1	Fine	Moderate	09:05	6.5	Surface	1.0	0.2	7	24.3	24.3	7.9	7.9	23.0	23.0	84.0	83.9	6.2	6.2	1.7	2.4	8	10	818371	806475	
						1.0	0.2	0	24.3	24.3	7.9	7.9	23.0	23.0	83.7	83.9	6.2	6.2	1.7	2.4	8				
					Middle	3.3	0.2	12	24.3	24.3	7.9	7.9	23.4	23.4	83.1	83.2	6.1	6.1	2.1	6.1	2.1				10
						3.3	0.2	14	24.3	24.3	7.9	7.9	23.4	23.4	83.2	83.2	6.1	6.1	2.1	6.1	2.1				10
					Bottom	5.5	0.3	7	24.3	24.3	7.9	7.9	26.4	26.4	84.5	84.6	6.1	6.1	3.4	6.1	3.4				11
						5.5	0.2	11	24.3	24.3	7.9	7.9	26.3	26.4	84.7	84.6	6.1	6.1	3.4	6.1	3.4				12
IM2	Fine	Moderate	09:11	7.3	Surface	1.0	0.3	21	24.4	24.4	7.9	7.9	23.6	23.5	84.9	84.9	6.2	6.1	2.8	3.4	8	10	819185	806236	
						1.0	0.3	21	24.4	24.4	7.9	7.9	23.5	23.5	84.8	84.9	6.2	6.1	2.8	3.4	9				
					Middle	3.7	0.4	26	24.3	24.3	7.9	7.9	27.5	27.6	83.5	83.6	6.0	6.0	3.4	6.1	3.4				9
						3.7	0.4	22	24.3	24.3	7.9	7.9	27.6	27.6	83.6	83.6	6.0	6.0	3.5	6.1	3.5				10
					Bottom	6.3	0.4	15	24.3	24.3	7.9	7.9	27.7	27.7	84.6	84.7	6.0	6.1	4.1	6.1	4.1				10
						6.3	0.4	14	24.3	24.3	7.9	7.9	27.7	27.7	84.8	84.7	6.1	6.1	4.1	6.1	4.1				11
IM7	Fine	Moderate	09:29	8.2	Surface	1.0	0.2	17	24.3	24.3	7.9	7.9	23.5	23.5	85.6	85.5	6.3	6.2	2.0	2.5	7	8	821350	806834	
						1.0	0.2	19	24.3	24.3	7.9	7.9	23.5	23.5	85.3	85.5	6.2	6.2	2.0	2.5	6				
					Middle	4.1	0.2	14	24.3	24.3	7.9	7.9	26.7	26.7	84.8	84.9	6.1	6.1	2.2	6.2	2.2				8
						4.1	0.3	20	24.3	24.3	7.9	7.9	26.8	26.7	84.9	84.9	6.1	6.1	2.2	6.2	2.2				8
					Bottom	7.2	0.2	352	24.3	24.3	7.9	7.9	26.9	26.9	86.3	86.5	6.2	6.2	3.2	6.2	3.2				8
						7.2	0.2	351	24.3	24.3	7.9	7.9	26.9	26.9	86.7	86.5	6.2	6.2	3.2	6.2	3.2				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 19 May 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	Fine	Moderate	09:09	8.5	Surface	1.0	0.4	305	24.4	24.4	7.9	7.9	23.5	23.5	86.0	85.9	6.3	6.2	1.4	3.3	10	8	822259	809818
						1.0	0.5	301	24.4		7.9		23.5		85.7		6.3		1.5		9			
					Middle	4.3	0.5	297	24.3	7.9	7.9	26.1	26.1	84.3	84.3	6.1	3.2	8						
						4.3	0.5	301	24.3	7.9	26.1	84.3		6.1		3.1	7							
					Bottom	7.5	0.5	302	24.3	24.3	7.9	7.9	26.4	26.4	84.4	84.5	6.1	5.3	8					
						7.5	0.4	299	24.3		7.9	26.4	84.5		6.1		5.3	7						
IM11	Fine	Moderate	09:02	7.5	Surface	1.0	0.5	272	24.3	24.3	7.9	7.9	23.0	23.0	87.3	87.2	6.4	6.3	2.1	4.1	8	7	821478	810530
						1.0	0.6	264	24.3		7.9		22.9		87.1		6.4		2.0		7			
					Middle	3.8	0.6	271	24.3	24.3	7.9	7.9	26.1	26.1	86.5	86.5	6.2	4.1	7					
						3.8	0.5	267	24.3		7.9	26.2	86.5		6.2		4.1	8						
					Bottom	6.5	0.6	253	24.3	24.3	7.9	7.9	26.4	26.4	87.2	87.3	6.3	6.2	6					
						6.5	0.6	256	24.3		7.9	26.4	87.3		6.3		6.2	7						
IM12	Fine	Moderate	08:56	9.0	Surface	1.0	0.5	292	24.3	24.3	7.9	7.9	24.1	24.0	87.4	87.3	6.4	6.3	1.4	4.4	7	6	821183	811517
						1.0	0.6	295	24.3		7.9		24.0		87.2		6.4		1.5		7			
					Middle	4.5	0.5	266	24.3	24.3	7.9	7.9	25.7	25.7	85.9	85.9	6.2	4.7	6					
						4.5	0.5	268	24.3		7.9	25.7	85.8		6.2		4.7	7						
					Bottom	8.0	0.6	253	24.3	24.3	7.9	7.9	26.9	26.9	86.3	86.4	6.2	7.2	6					
						8.0	0.5	253	24.3		7.9	26.9	86.4		6.2		7.1	5						
SR1A	Fine	Moderate	08:30	5.7	Surface	1.0	0.1	171	24.3	24.3	7.9	7.9	20.3	20.2	87.6	87.7	6.5	6.6	1.7	2.2	6	6	819973	812660
						1.0	0.0	166	24.3		7.9		20.1		87.7		6.6		1.7		5			
					Middle	2.9	0.1	185	-	-	-	-	-	-	-	-	-	-	-					
						2.9	0.1	184	-		-		-		-		-	-	-					
					Bottom	4.7	0.0	191	24.2	24.3	7.9	7.9	23.3	23.4	90.4	90.7	6.6	2.8	7					
						4.7	0.0	185	24.3		7.9	23.5	91.0		6.7		2.8	6						
SR2	Fine	Moderate	08:16	4.8	Surface	1.0	0.1	237	24.4	24.4	7.9	7.9	25.0	25.0	87.7	87.8	6.4	6.4	5.8	6.0	6	7	821458	814170
						1.0	0.1	232	24.4		7.9		25.1		87.9		6.4		5.8		5			
					Middle	-	0.2	235	-	-	-	-	-	-	-	-	-	-	-					
						-	0.2	238	-		-		-		-		-	-	-					
					Bottom	3.8	0.2	245	24.4	24.4	8.0	8.0	25.4	25.4	90.7	91.0	6.6	6.3	8					
						3.8	0.2	242	24.3		8.0	25.4	91.2		6.6		6.1	7						
SR3	Fine	Moderate	09:35	8.3	Surface	1.0	0.4	323	24.3	24.3	7.9	7.9	22.9	22.9	86.6	86.5	6.4	6.3	1.8	2.5	10	7	822144	807580
						1.0	0.3	325	24.3		7.9		22.9		86.4		6.3		1.9		10			
					Middle	4.2	0.4	339	24.3	24.3	7.9	7.9	25.5	25.2	85.5	85.5	6.2	2.2	7					
						4.2	0.4	335	24.3		7.9	24.9	85.4		6.2		2.1	6						
					Bottom	7.3	0.4	354	24.3	24.3	7.9	7.9	26.4	26.4	86.2	86.4	6.2	3.7	4					
						7.3	0.4	348	24.3		7.9	26.4	86.6		6.2		3.7	6						
SR4A	Fine	Moderate	08:31	9.0	Surface	1.0	0.0	172	24.2	24.3	7.9	7.9	23.0	23.0	88.6	88.5	6.5	6.3	2.1	3.3	7	7	817203	807814
						1.0	0.0	164	24.3		7.9		23.0		88.3		6.5		2.1		8			
					Middle	4.5	0.0	184	24.3	24.3	7.9	7.9	27.1	27.2	85.1	85.1	6.1	3.4	7					
						4.5	0.0	190	24.3		7.9	27.3	85.0		6.1		3.4	6						
					Bottom	8.0	0.0	199	24.3	24.3	7.9	7.9	30.6	30.6	85.3	85.5	6.0	4.6	6					
						8.0	0.0	197	24.3		7.9	30.6	85.6		6.0		4.5	6						
SR8	Fine	Moderate	08:51	5.4	Surface	1.0	-	-	24.4	24.4	7.9	7.9	21.9	21.9	86.7	86.7	6.4	6.4	3.3	4.3	5	5	820401	811603
						1.0	-	-	24.4		7.9		21.9		86.7		6.4		3.4		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						-	-	-	-		-		-		-		-	-	-					
					Bottom	4.4	-	-	24.4	24.4	7.9	7.9	26.1	26.1	86.8	87.0	6.3	5.3	5					
						4.4	-	-	24.4		7.9	26.1	87.2		6.3		5.3	4						

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 21 May 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	16:34	8.5	Surface	1.0	0.6	218	26.1	26.1	8.3	8.3	20.9	21.0	156.9	155.7	11.3	8.9	3.3	7.0	5	5	815619	804245
						1.0	0.6	216	26.0		8.3	8.3	21.0	21.0	154.4	155.7	11.1		3.3		5			
					Middle	4.3	0.7	209	24.1	24.1	8.0	8.0	28.7	28.7	90.9	90.9	6.5	6.2	2.4	5				
						4.3	0.6	203	24.1		8.0	8.0	28.7	28.7	90.9	90.9	6.5		2.4	5				
					Bottom	7.5	0.6	230	24.0	24.0	8.0	8.0	29.6	29.6	86.4	86.5	6.2	5.6	14.9	6				
						7.5	0.6	227	24.0		8.0	8.0	29.6	29.6	86.5	86.5	6.2		15.5	5				
C2	Sunny	Moderate	15:25	11.4	Surface	1.0	0.5	168	25.6	25.7	8.1	8.1	17.4	17.4	103.2	103.2	7.6	6.7	3.7	5.9	5	5	825673	806927
						1.0	0.5	164	25.7		8.1	8.1	17.4	17.4	103.2	103.2	7.6		3.9		4			
					Middle	5.7	0.4	175	24.5	24.5	8.0	8.0	21.4	22.1	79.7	79.5	5.8	5.6	5.2	4				
						5.7	0.5	169	24.5		8.0	8.0	22.8	22.8	79.3	79.5	5.8		5.2	5				
					Bottom	10.4	0.5	165	24.2	24.3	8.0	8.0	27.4	27.4	78.4	78.5	5.6	5.6	8.8	5				
						10.4	0.5	165	24.3		8.0	8.0	27.5	27.4	78.5	78.5	5.6		8.7	5				
C3	Fine	Calm	16:41	10.8	Surface	1.0	0.6	57	25.2	25.2	8.1	8.1	23.1	23.2	111.7	111.0	8.1	7.5	1.1	2.2	5	5	822119	817826
						1.0	0.5	54	25.2		8.1	8.1	23.4	23.2	110.2	111.0	8.0		1.1		4			
					Middle	5.4	0.5	83	24.9	24.9	8.1	8.1	27.4	27.5	96.7	96.8	6.9	7.0	2.3	6				
						5.4	0.5	85	24.9		8.1	8.1	27.6	27.5	96.8	96.8	6.9		2.3	5				
					Bottom	9.8	0.5	49	24.9	24.9	8.1	8.1	27.8	27.8	97.5	98.6	6.9	6.1	3.1	5				
						9.8	0.5	53	24.9		8.1	8.1	27.9	27.8	99.7	98.6	7.1		3.2	6				
IM1	Sunny	Moderate	16:17	7.2	Surface	1.0	0.3	206	26.3	26.3	8.3	8.3	20.7	20.7	141.9	141.7	10.2	8.3	2.9	6.6	4	5	818358	806459
						1.0	0.3	203	26.3		8.3	8.3	20.7	20.7	141.4	141.7	10.2		2.9		5			
					Middle	3.6	0.3	172	24.2	24.2	8.0	8.0	27.5	27.5	87.7	87.7	6.3	6.2	4.5	6				
						3.6	0.3	165	24.2		8.0	8.0	27.5	27.5	87.7	87.7	6.3		4.5	5				
					Bottom	6.2	0.3	200	24.1	24.1	8.0	8.0	28.5	28.5	87.0	87.0	6.2	6.2	12.5	6				
						6.2	0.4	194	24.1		8.0	8.0	28.5	28.5	87.0	87.0	6.2		12.5	5				
IM2	Sunny	Moderate	16:10	8.0	Surface	1.0	0.4	182	25.6	25.6	8.2	8.2	22.5	22.5	124.9	124.8	9.0	7.6	3.3	8.2	6	7	819177	806258
						1.0	0.4	174	25.6		8.2	8.2	22.5	22.5	124.7	124.8	9.0		3.3		6			
					Middle	4.0	0.4	197	24.1	24.1	8.0	8.0	27.8	27.8	87.0	87.0	6.2	6.2	8.8	6				
						4.0	0.4	191	24.1		8.0	8.0	27.8	27.8	86.9	86.9	6.2		9.1	6				
					Bottom	7.0	0.4	207	24.1	24.1	8.0	8.0	28.2	28.2	86.6	86.7	6.2	6.2	12.4	7				
						7.0	0.5	207	24.1		8.0	8.0	28.2	28.2	86.7	86.7	6.2		12.5	8				
IM7	Sunny	Moderate	15:51	8.0	Surface	1.0	0.2	177	25.8	25.8	8.2	8.2	17.7	17.8	118.5	111.9	8.7	7.2	2.7	7.0	3	3	821343	806833
						1.0	0.2	175	25.8		8.2	8.2	17.8	17.8	105.3	111.9	7.8		3.0		3			
					Middle	4.0	0.3	185	24.4	24.4	8.0	8.0	23.5	23.5	83.2	83.3	6.1	6.1	6.9	4				
						4.0	0.2	191	24.3		8.0	8.0	23.5	23.5	83.3	83.3	6.1		7.4	3				
					Bottom	7.0	0.3	157	24.2	24.2	8.0	8.0	27.0	27.0	84.2	84.3	6.1	6.1	10.9	3				
						7.0	0.2	164	24.2		8.0	8.0	27.0	27.0	84.3	84.3	6.1		11.1	4				

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 21 May 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	Calm	15:32	8.0	Surface	1.0	0.6	105	25.1	25.1	8.0	8.0	21.7	21.7	98.8	98.4	7.2	6.8	2.1	3.4	4	4	822253	809820
						1.0	0.5	103	25.1		8.0		21.7		98.0		7.2		2.1		3			
					Middle	4.0	0.5	99	25.0	8.0	8.0	25.3	25.3	89.7	89.9	6.4	6.4	3.2	4					
						4.0	0.5	94	25.1	8.0	25.3	90.0		6.4		3.2		4						
					Bottom	7.0	0.5	90	25.1	25.2	8.0	8.0	25.3	25.2	92.7	93.4	6.6	6.7	5.1	6.7	5			
						7.0	0.5	88	25.2		8.1		25.2		94.0		6.7		4.9		4			
IM11	Fine	Calm	15:47	7.2	Surface	1.0	0.7	89	25.3	25.3	8.0	8.0	20.1	20.2	105.4	103.8	7.7	7.1	2.4	3.5	4	4	821488	810565
						1.0	0.6	88	25.3		8.0		20.3		102.1		7.5		2.5		4			
					Middle	3.6	0.6	106	25.3	8.0	8.0	24.6	24.6	90.4	90.6	6.5	6.5	3.4	6.7	4				
						3.6	0.6	102	25.3	8.0	24.7	90.7		6.5		3.5		4						
					Bottom	6.2	0.7	114	25.3	25.3	8.0	8.0	25.0	25.0	93.0	94.0	6.6	6.8	4.5	6.7	4			
						6.2	0.7	116	25.3		8.0		25.0		95.0		6.8		4.5		4			
IM12	Fine	Calm	15:51	7.4	Surface	1.0	0.7	104	25.7	25.7	8.1	8.1	19.6	19.5	108.9	108.8	8.0	7.2	1.4	2.3	4	5	821185	811532
						1.0	0.7	107	25.7		8.1		19.4		108.7		8.0		1.5		5			
					Middle	3.7	0.8	116	25.2	25.2	8.0	8.0	23.5	23.6	89.3	89.2	6.4	6.4	2.1	6.4	4			
						3.7	0.7	120	25.2		8.0		23.7		89.1		6.4		2.1		5			
					Bottom	6.4	0.7	87	25.1	25.1	8.0	8.0	24.2	24.2	88.7	88.8	6.4	6.4	3.4	6.4	5			
						6.4	0.7	85	25.1		8.0		24.3		88.8		6.4		3.4		4			
SR1A	Fine	Calm	16:11	5.4	Surface	1.0	0.0	74	25.9	25.9	8.1	8.1	21.3	21.3	116.1	115.0	8.4	8.3	3.3	3.6	5	5	819973	812663
						1.0	0.1	77	25.8		8.1		21.4		113.8		8.2		3.2		6			
					Middle	2.7	0.0	56	-	-	-	-	-	-	-	-	-	-	-	-	-			
						2.7	0.0	59	-		-		-		-		-		-		-			
					Bottom	4.4	-	67	25.3	25.4	8.0	8.0	23.5	23.2	109.2	109.5	7.9	7.9	4.0	7.9	4			
						4.4	0.0	59	25.5		8.0		22.9		109.8		7.9		4.1		5			
SR2	Fine	Calm	16:24	5.0	Surface	1.0	0.7	60	25.5	25.5	8.0	8.0	21.2	21.2	109.0	107.2	7.9	7.8	4.4	4.7	4	4	821446	814172
						1.0	0.7	54	25.4		8.0		21.1		105.3		7.7		4.4		5			
					Middle	-	0.7	37	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	0.6	31	-		-		-		-		-		-					
					Bottom	4.0	0.7	65	25.3	25.3	8.0	8.0	23.7	23.7	95.6	95.7	6.9	6.9	5.0	6.9	4			
						4.0	0.7	61	25.3		8.0		23.7		95.8		6.9		5.0		4			
SR3	Sunny	Moderate	15:44	9.4	Surface	1.0	0.6	149	25.7	25.7	8.1	8.1	17.8	17.8	114.2	114.1	8.4	7.2	2.8	7.4	5	4	822131	807556
						1.0	0.6	152	25.7		8.1		17.8		114.0		8.4		2.8		4			
					Middle	4.7	0.6	167	24.6	24.6	8.0	8.0	22.9	22.9	81.5	81.5	6.0	6.1	4.3	6.1	4			
						4.7	0.5	167	24.6		8.0		22.9		81.5		6.0		4.3		3			
					Bottom	8.4	0.6	149	24.2	24.2	8.0	8.0	26.4	26.4	84.7	84.9	6.1	6.1	15.1	6.1	3			
						8.4	0.6	147	24.2		8.0		26.4		85.0		6.1		15.2		3			
SR4A	Sunny	Moderate	16:55	8.8	Surface	1.0	0.0	35	26.1	26.1	8.3	8.3	21.5	21.5	147.9	147.8	10.6	8.3	3.5	8.5	4	3	817202	807815
						1.0	0.1	27	26.1		8.3		21.5		147.7		10.6		3.5		3			
					Middle	4.4	0.0	40	24.2	24.2	8.0	8.0	27.5	27.5	84.3	84.3	6.0	6.0	11.5	6.0	3			
						4.4	0.1	35	24.2		8.0		27.5		84.3		6.0		11.5		3			
					Bottom	7.8	0.0	43	24.2	24.2	8.0	8.0	27.6	27.6	86.0	86.1	6.2	6.2	10.5	6.2	3			
						7.8	0.0	40	24.2		8.0		27.6		86.2		6.2		10.4		3			
SR8	Fine	Calm	15:56	5.6	Surface	1.0	-	-	26.7	26.7	8.1	8.1	20.6	20.6	120.7	120.7	8.6	8.6	2.5	3.0	4	5	820399	811622
						1.0	-	-	26.7		8.1		20.6		120.6		8.6		2.5		5			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	-	-	-		-		-		-		-		-					
					Bottom	4.6	-	-	26.7	26.7	8.1	8.1	20.7	20.7	121.1	121.4	8.7	8.7	3.6	8.7	4			
						4.6	-	-	26.6		8.1		20.7		121.6		8.7		3.6		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 21 May 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	Fine	Moderate	10:29	8.2	Surface	1.0	0.3	30	25.3	25.3	8.0	8.0	20.9	20.9	100.9	100.8	7.4	6.7	4.4	7.7	3	3	815600	804252	
						1.0	0.3	32	25.3		8.0	8.0	20.9	20.9	100.7	100.8	7.3		4.7		2				
					Middle	4.1	0.4	23	24.0	24.0	8.0	8.0	28.6	28.6	85.7	85.7	6.1	6.1	6.2	6.1	3				
						4.1	0.4	19	24.0		8.0	8.0	28.6	28.6	85.7	85.7	6.1		6.3		3				
					Bottom	7.2	0.3	8	23.9	23.9	8.0	8.0	29.0	29.0	85.4	85.5	6.1	6.1	12.6	6.1	4				
						7.2	0.3	8	23.9		8.0	8.0	29.0	29.0	85.5	85.5	6.1		12.2		3				
C2	Fine	Moderate	11:28	11.5	Surface	1.0	0.4	346	25.3	25.3	8.0	8.0	18.4	18.3	98.9	99.0	7.3	7.0	1.6	2.4	3	3	825682	806962	
						1.0	0.5	344	25.3		8.0	8.0	18.2	18.3	99.0	99.0	7.4		1.5		3				
					Middle	5.8	0.4	350	25.0	25.0	8.0	8.0	22.1	22.1	90.8	90.9	6.6	6.6	2.3		6.6				3
						5.8	0.5	356	25.0		8.0	8.0	22.1	22.1	90.9	90.9	6.6		2.4						4
					Bottom	10.5	0.4	12	25.0	25.0	8.0	8.0	23.8	23.8	92.7	93.0	6.7	6.7	3.3		6.7				3
						10.5	0.4	11	25.0		8.0	8.0	23.8	23.8	93.3	93.0	6.7		3.3						4
C3	Fine	Calm	09:30	8.6	Surface	1.0	0.5	247	25.2	25.2	8.0	8.0	18.4	18.4	103.2	103.0	7.7	7.1	1.1	1.5	2	2	822096	817795	
						1.0	0.4	252	25.2		8.0	8.0	18.5	18.4	102.8	103.0	7.6		1.1		2				
					Middle	4.3	0.5	247	24.9	24.9	7.9	7.9	27.0	27.1	92.4	92.5	6.6	6.6	1.7		6.6				2
						4.3	0.5	242	24.9		7.9	7.9	27.1	27.1	92.5	92.5	6.6		1.7						3
					Bottom	7.6	0.5	285	25.1	25.2	7.8	7.8	27.1	27.0	93.9	94.1	6.6	6.7	1.8		6.7				3
						7.6	0.5	289	25.2		7.8	7.8	26.9	27.0	94.2	94.1	6.7		1.8						2
IM1	Fine	Moderate	10:44	6.9	Surface	1.0	0.3	9	24.8	24.8	8.0	8.0	21.7	21.6	97.4	97.3	7.2	6.9	2.9	6.3	4	4	818335	806466	
						1.0	0.3	14	24.7		8.0	8.0	21.6	21.6	97.1	97.3	7.2		2.9		5				
					Middle	3.5	0.2	11	24.3	24.3	8.0	8.0	24.4	24.4	89.5	89.5	6.5	6.5	3.1		6.5				4
						3.5	0.2	13	24.3		8.0	8.0	24.4	24.4	89.5	89.5	6.5		3.1						4
					Bottom	5.9	0.2	36	24.1	24.1	8.0	8.0	27.4	27.4	85.2	85.2	6.1	6.1	13.0		6.1				4
						5.9	0.2	35	24.1		8.0	8.0	27.4	27.4	85.2	85.2	6.1		12.9						4
IM2	Fine	Moderate	10:51	7.6	Surface	1.0	0.4	5	25.6	25.6	8.1	8.1	19.8	19.8	102.8	102.8	7.5	7.0	2.4	6.0	4	5	819160	806222	
						1.0	0.3	9	25.6		8.1	8.1	19.8	19.8	102.8	102.8	7.5		2.4		4				
					Middle	3.8	0.4	355	24.3	24.3	8.0	8.0	24.6	24.6	87.4	87.4	6.4	6.4	2.8		6.4				5
						3.8	0.4	354	24.3		8.0	8.0	24.6	24.6	87.3	87.4	6.4		2.9						5
					Bottom	6.6	0.3	352	24.2	24.2	8.0	8.0	26.6	26.6	88.1	88.2	6.4	6.4	12.8		6.4				5
						6.6	0.3	359	24.2		8.0	8.0	26.6	26.6	88.3	88.2	6.4		12.5						5
IM7	Fine	Moderate	11:10	8.1	Surface	1.0	0.1	357	25.3	25.3	7.9	7.9	16.5	16.4	91.2	91.2	6.8	6.7	2.6	7.1	4	3	821367	806818	
						1.0	0.1	349	25.3		7.9	7.9	16.4	16.4	91.1	91.2	6.8		2.5		3				
					Middle	4.1	0.2	356	24.6	24.6	8.0	8.0	19.4	19.4	87.2	87.2	6.5	6.5	6.8		6.5				4
						4.1	0.1	359	24.6		8.0	8.0	19.4	19.4	87.2	87.2	6.5		6.8						3
					Bottom	7.1	0.2	348	24.3	24.3	8.0	8.0	25.6	25.6	82.6	82.7	6.0	6.0	11.9		6.0				3
						7.1	0.2	342	24.3		8.0	8.0	25.6	25.6	82.7	82.7	6.0		11.9						2

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 21 May 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	Fine	Calm	10:40	7.8	Surface	1.0	0.5	284	25.0	25.0	7.9	7.9	20.1	20.3	89.1	89.1	6.6	6.5	4.1	5.2	2	3	822261	809834		
						1.0	0.5	279	25.0		7.9	7.9	20.5	20.3	89.0	89.1	6.5		4.1		2					
					Middle	3.9	0.5	291	24.9	24.9	7.9	7.9	25.7	25.7	89.5	89.7	6.4	6.8	5.2	6.8	2				6.8	3
						3.9	0.5	297	24.9		7.9	7.9	25.7	26.0	89.8	89.7	6.4		5.1		3					
					Bottom	6.8	0.4	290	24.9	24.9	7.9	7.9	26.0	26.0	93.3	94.0	6.7	6.8	6.5	6.8	3				6.8	4
						6.8	0.4	293	24.9		7.9	7.9	26.0	26.0	94.6	94.0	6.8		6.5		4					
IM11	Fine	Calm	10:35	8.0	Surface	1.0	0.5	269	25.0	25.0	8.0	8.0	20.3	20.3	88.6	88.4	6.5	6.3	4.8	5.3	2	3	821517	810530		
						1.0	0.5	273	25.0		8.0	8.0	20.2	20.3	88.2	88.4	6.5		4.9		2					
					Middle	4.0	0.5	299	24.8	24.8	8.0	8.0	24.8	24.7	83.8	83.7	6.0	6.0	5.1	6.0	2				6.0	2
						4.0	0.5	305	24.8		8.0	8.0	24.7	24.7	83.6	83.7	6.0		5.1		2					
					Bottom	7.0	0.5	292	24.8	24.8	8.0	8.0	26.8	26.8	83.5	83.7	6.0	6.0	6.1	6.0	3				6.0	3
						7.0	0.5	287	24.8		8.0	8.0	26.8	26.8	83.8	83.7	6.0		6.1		4					
IM12	Fine	Calm	10:28	9.2	Surface	1.0	0.5	270	25.2	25.2	8.0	8.0	18.6	18.6	96.3	94.5	7.1	6.9	1.1	2.2	3	3	821182	811524		
						1.0	0.4	273	25.2		8.0	8.0	18.7	18.6	92.6	94.5	6.9		1.1		2					
					Middle	4.6	0.4	290	25.0	25.0	8.0	8.0	23.5	23.6	92.8	92.9	6.7	6.8	2.1	6.8	3				6.8	2
						4.6	0.5	293	24.9		8.0	8.0	23.6	23.6	93.0	92.9	6.7		2.1		2					
					Bottom	8.2	0.4	295	24.8	24.9	7.9	7.9	27.2	27.1	94.7	95.2	6.7	6.8	3.6	6.8	2				6.8	2
						8.2	0.4	294	24.9		7.9	7.9	27.1	27.1	95.6	95.2	6.8		3.5		3					
SR1A	Fine	Calm	10:04	5.2	Surface	1.0	0.0	183	25.5	25.5	7.9	7.9	17.3	17.3	97.7	97.0	7.3	7.2	3.1	3.8	3	3	819972	812661		
						1.0	-	181	25.5		7.9	7.9	17.4	17.3	96.2	97.0	7.1		3.2		3					
					Middle	2.6	0.0	174	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						2.6	0.0	177	-		-	-	-	-	-	-	-		-		-					
					Bottom	4.2	0.0	181	25.5	25.5	7.9	7.9	21.3	21.4	91.2	91.1	6.6	6.6	4.5	6.6	3				6.6	3
						4.2	0.0	177	25.4		7.9	7.9	21.4	21.4	91.0	91.1	6.6		4.6		3					
SR2	Fine	Calm	09:50	5.2	Surface	1.0	0.1	266	25.3	25.3	8.0	8.0	23.0	22.9	93.9	93.9	6.8	6.8	2.2	3.0	3	3	821439	814174		
						1.0	0.1	267	25.3		8.0	8.0	22.9	22.9	93.9	93.9	6.8		2.2		2					
					Middle	-	0.2	238	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	0.2	232	-		-	-	-	-	-	-	-		-		-					
					Bottom	4.2	0.1	272	25.2	25.2	8.0	8.0	23.4	23.4	94.1	94.2	6.8	6.8	3.9	6.8	3				6.8	3
						4.2	0.2	268	25.2		8.0	8.0	23.4	23.4	94.3	94.2	6.8		3.9		3					
SR3	Fine	Moderate	11:18	8.9	Surface	1.0	0.3	321	25.5	25.5	8.0	8.0	17.5	17.5	92.3	92.3	6.8	6.4	2.7	6.5	4	4	822152	807547		
						1.0	0.2	327	25.5		8.0	8.0	17.5	17.5	92.2	92.3	6.8		2.6		5					
					Middle	4.5	0.3	342	24.7	24.7	7.9	7.9	21.2	21.2	80.6	80.6	5.9	5.8	4.7	5.8	4				5.8	4
						4.5	0.3	339	24.7		7.9	7.9	21.2	21.2	80.5	80.6	5.9		5.2		4					
					Bottom	7.9	0.3	325	24.4	24.4	7.9	7.9	24.3	24.3	79.5	79.6	5.8	5.8	11.9	5.8	4				5.8	4
						7.9	0.4	323	24.4		7.9	7.9	24.3	24.3	79.6	79.6	5.8		11.9		3					
SR4A	Fine	Moderate	10:09	9.2	Surface	1.0	0.0	150	25.2	25.2	8.0	8.0	20.5	20.5	95.9	95.9	7.0	6.6	3.9	7.0	2	4	817197	807795		
						1.0	0.1	144	25.1		8.0	8.0	20.5	20.5	95.9	95.9	7.0		4.0		3					
					Middle	4.6	0.0	131	24.2	24.2	8.0	8.0	26.0	26.0	84.1	84.1	6.1	6.2	7.1	6.2	4				6.2	4
						4.6	0.0	129	24.2		8.0	8.0	26.0	26.0	84.1	84.1	6.1		7.3		5					
					Bottom	8.2	0.0	122	24.2	24.2	8.0	8.0	26.6	26.6	85.9	86.0	6.2	6.2	9.8	6.2	4				6.2	4
						8.2	0.1	124	24.2		8.0	8.0	26.6	26.6	86.0	86.0	6.2		9.8		5					
SR8	Fine	Calm	10:24	5.4	Surface	1.0	-	-	25.2	25.2	8.0	8.0	23.2	23.3	86.1	86.1	6.2	6.2	3.1	3.6	2	2	820373	811620		
						1.0	-	-	25.1		8.0	8.0	23.4	23.3	86.0	86.0	6.2		3.2		2					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-
						-	-	-	-		-	-	-	-	-	-	-		-		-					
					Bottom	4.4	-	-	25.1	25.1	8.0	8.0	23.6	23.6	86.0	86.0	6.2	6.2	4.0	6.2	3				6.2	3
						4.4	-	-	25.1		8.0	8.0	23.6	23.6	86.0	86.0	6.2		4.0		2					

DA: Depth-Averaged

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

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

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

Water Quality Monitoring Results on 24 May 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	08:25	8.7	Surface	1.0	0.2	195	25.2	25.2	8.1	8.1	26.3	26.3	109.5	109.5	7.8	7.4	3.2	5.9	4	4	815637	804259
						1.0	0.1	190	25.2	8.1	8.1	26.3	26.3	109.4	109.5	7.8	7.4	3.2	5.9	5				
					Middle	4.4	0.2	201	24.8	24.8	8.1	8.1	31.5	31.5	101.7	101.6	7.1	7.1	7.0	5.9	5			
						4.4	0.3	201	24.8	24.8	8.1	8.1	31.5	31.5	101.5	101.6	7.0	7.1	7.1	5.9	4			
					Bottom	7.7	0.2	218	24.7	24.7	8.1	8.1	32.0	32.0	94.2	94.2	6.5	6.5	7.3	6.5	4			
						7.7	0.2	213	24.7	24.7	8.1	8.1	31.9	32.0	94.1	94.2	6.5	6.5	7.4	6.5	4			
C2	Cloudy	Moderate	09:50	11.2	Surface	1.0	0.4	169	25.6	25.6	8.2	8.2	20.5	20.5	124.7	124.3	9.1	7.9	3.8	4.8	5	6	825692	806924
						1.0	0.4	172	25.6	25.6	8.2	8.2	20.5	20.5	123.9	124.3	9.0	7.9	3.9	4.8	6			
					Middle	5.6	0.3	178	25.0	25.0	8.0	8.0	26.4	26.4	94.5	94.5	6.7	6.7	5.7	6.2	6			
						5.6	0.3	173	24.9	24.9	8.0	8.0	26.4	26.4	94.4	94.5	6.7	6.7	5.7	6.2	5			
					Bottom	10.2	0.4	158	24.9	24.9	8.0	8.0	28.6	28.6	88.3	88.2	6.2	6.2	4.7	6.2	6			
						10.2	0.3	164	24.9	24.9	8.0	8.0	28.6	28.6	88.1	88.2	6.2	6.2	4.9	6.2	6			
C3	Rainy	Moderate	09:50	8.4	Surface	1.0	0.0	3	24.8	24.8	8.1	8.1	19.4	19.4	110.2	109.2	8.2	7.6	1.0	1.5	3	4	822102	817784
						1.0	0.0	6	24.8	24.8	8.1	8.1	19.4	19.4	108.1	109.2	8.0	7.6	1.1	1.5	2			
					Middle	4.2	0.1	20	24.9	24.9	8.1	8.1	24.4	24.4	98.6	98.9	7.1	7.1	1.4	7.6	4			
						4.2	0.1	20	24.9	24.9	8.1	8.1	24.5	24.4	99.2	98.9	7.1	7.1	1.3	7.6	3			
					Bottom	7.4	0.0	17	25.0	25.0	8.1	8.1	24.7	24.7	104.6	106.5	7.5	7.7	2.2	7.7	5			
						7.4	0.0	21	25.0	25.0	8.1	8.1	24.7	24.7	108.3	106.5	7.8	7.7	2.2	7.7	4			
IM1	Cloudy	Moderate	08:46	6.6	Surface	1.0	0.2	180	25.0	25.0	8.1	8.1	27.8	27.8	105.2	105.2	7.4	7.4	7.5	11.8	4	5	818340	806459
						1.0	0.2	178	25.0	25.0	8.1	8.1	27.8	27.8	105.1	105.2	7.4	7.4	7.9	11.8	5			
					Middle	3.3	0.2	212	24.9	24.9	8.1	8.1	30.1	30.1	104.5	104.5	7.3	7.3	12.2	7.4	4			
						3.3	0.2	210	24.9	24.9	8.1	8.1	30.1	30.1	104.5	104.5	7.3	7.3	11.9	7.4	5			
					Bottom	5.6	0.1	193	24.9	24.9	8.1	8.1	30.1	30.1	104.6	104.7	7.3	7.3	15.3	7.3	6			
						5.6	0.1	197	24.9	24.9	8.1	8.1	30.1	30.1	104.7	104.7	7.3	7.3	15.8	7.3	5			
IM2	Cloudy	Moderate	08:53	7.2	Surface	1.0	0.1	197	25.0	25.0	8.1	8.1	27.0	27.0	104.9	104.8	7.4	7.3	2.9	6.5	3	4	819162	806255
						1.0	0.2	193	25.0	25.0	8.1	8.1	27.0	27.0	104.7	104.8	7.4	7.3	3.0	6.5	3			
					Middle	3.6	0.2	203	24.9	24.9	8.1	8.1	29.8	29.9	102.0	102.0	7.1	7.1	5.5	7.3	4			
						3.6	0.2	207	24.9	24.9	8.1	8.1	29.9	29.9	102.0	102.0	7.1	7.1	5.3	7.3	5			
					Bottom	6.2	0.2	218	24.9	24.9	8.1	8.1	30.3	30.3	102.0	102.0	7.1	7.1	11.1	7.1	6			
						6.2	0.1	215	24.9	24.9	8.1	8.1	30.3	30.3	101.9	102.0	7.1	7.1	11.0	7.1	5			
IM7	Cloudy	Moderate	09:20	8.2	Surface	1.0	0.2	189	25.3	25.3	8.1	8.1	22.4	22.4	109.9	109.8	8.0	7.5	3.1	5.1	4	6	821334	806853
						1.0	0.2	182	25.3	25.3	8.1	8.1	22.4	22.4	109.7	109.8	7.9	7.5	3.1	5.1	5			
					Middle	4.1	0.2	175	25.0	25.0	8.1	8.1	27.3	27.4	100.4	100.3	7.1	7.1	4.8	7.5	5			
						4.1	0.1	169	25.0	25.0	8.1	8.1	27.4	27.4	100.2	100.3	7.1	7.1	5.0	7.5	6			
					Bottom	7.2	0.1	173	25.0	25.0	8.1	8.1	28.2	28.2	100.6	100.7	7.1	7.1	7.2	7.1	8			
						7.2	0.0	173	25.0	25.0	8.1	8.1	28.2	28.2	100.7	100.7	7.1	7.1	7.2	7.1	7			

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

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

Water Quality Monitoring Results on 24 May 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	11:00	7.8	Surface	1.0	0.1	198	24.8	24.8	8.3	8.3	19.5	19.5	110.3	109.6	8.2	7.4	1.0	1.7	5	6	822220	809847
						1.0	0.0	201	24.8	8.3	8.3	19.5	108.8	8.1	7.4	1.0	5							
					Middle	3.9	0.1	214	24.6	24.6	8.1	8.1	24.8	24.9	92.0	92.1	6.7	6						
						3.9	0.1	221	24.6	24.6	8.1	8.1	24.9	92.2	6.7	1.9	6							
					Bottom	6.8	0.0	184	24.6	24.6	8.1	8.1	25.0	25.0	94.1	94.8	6.8	2.3	7					
						6.8	0.1	187	24.6	24.6	8.1	8.1	25.0	95.5	6.9	2.1	8							
IM11	Rainy	Moderate	10:51	8.0	Surface	1.0	0.1	75	24.7	24.7	8.2	8.2	20.9	20.8	95.6	94.4	7.1	6.7	1.1	2.1	5	5	821484	810564
						1.0	0.1	77	24.7	24.7	8.2	8.2	20.8	93.1	6.9	1.0	6							
					Middle	4.0	0.1	72	24.7	24.7	8.1	8.1	24.3	24.3	89.0	89.1	6.4	2.1	4					
						4.0	0.2	66	24.7	24.7	8.1	8.1	24.3	89.2	6.5	2.2	5							
					Bottom	7.0	0.1	67	24.9	24.9	8.1	8.1	24.3	24.3	91.6	92.2	6.6	3.1	5					
						7.0	0.1	60	24.9	24.9	8.1	8.1	24.3	92.7	6.7	3.1	4							
IM12	Rainy	Moderate	10:43	9.2	Surface	1.0	0.2	69	24.7	24.7	8.1	8.0	21.5	21.5	94.2	93.6	6.9	6.5	2.2	3.6	5	5	821162	811511
						1.0	0.2	67	24.7	24.7	8.0	8.0	21.5	92.9	6.8	2.3	6							
					Middle	4.6	0.1	47	24.6	24.6	8.0	8.0	25.5	25.5	86.2	86.3	6.2	3.9	5					
						4.6	0.1	47	24.6	24.6	8.0	8.0	25.6	86.4	6.2	3.9	4							
					Bottom	8.2	0.1	76	24.5	24.5	8.0	8.0	25.8	88.4	6.4	4.7	5							
						8.2	0.1	74	24.5	24.5	8.0	8.0	25.6	89.0	6.4	4.7	4							
SR1A	Rainy	Moderate	10:33	5.2	Surface	1.0	0.0	142	24.6	24.6	8.1	8.1	22.2	22.3	93.8	93.8	6.9	6.9	1.7	1.9	3	3	819982	812660
						1.0	0.0	134	24.5	24.6	8.1	8.1	22.3	93.8	6.9	1.7	4							
					Middle	2.6	0.1	149	-	-	-	-	-	-	-	-	-	-	-					
						2.6	0.1	143	-	-	-	-	-	-	-	-	-	-						
					Bottom	4.2	0.0	152	24.2	24.2	8.1	8.1	22.8	22.8	98.3	98.4	7.3	7.3	2.1	3				
						4.2	0.0	158	24.1	24.2	8.1	8.1	22.8	98.5	7.3	2.1	3							
SR2	Rainy	Moderate	10:04	4.8	Surface	1.0	0.2	49	24.6	24.6	8.0	8.0	21.1	21.1	96.0	96.0	7.1	7.1	2.1	2.2	3	3	821445	814162
						1.0	0.2	50	24.6	24.6	8.0	8.0	21.1	21.1	96.0	96.0	7.1	2.1	3					
					Middle	-	0.2	33	-	-	-	-	-	-	-	-	-	-						
						-	0.3	33	-	-	-	-	-	-	-	-	-	-						
					Bottom	3.8	0.3	55	24.6	24.6	8.0	8.0	24.9	24.9	89.8	89.8	6.5	2.2	3					
						3.8	0.3	51	24.6	24.6	8.0	8.0	24.9	89.8	6.5	2.2	4							
SR3	Cloudy	Moderate	09:29	8.9	Surface	1.0	0.4	146	25.5	25.5	8.2	8.2	21.1	21.1	126.1	126.0	9.2	8.0	3.1	5.4	6	7	822132	807589
						1.0	0.3	152	25.5	25.5	8.2	8.2	21.1	21.1	125.9	9.2	3.1	5						
					Middle	4.5	0.3	150	25.0	25.0	8.1	8.1	26.9	27.0	96.3	96.4	6.8	4.8	6					
						4.5	0.4	143	25.0	25.0	8.1	8.1	27.0	96.5	6.8	5.3	7							
					Bottom	7.9	0.3	141	25.0	25.0	8.1	8.1	27.8	27.8	101.2	101.3	7.1	7.1	7.8	8				
						7.9	0.3	146	25.0	25.0	8.1	8.1	27.8	101.3	7.1	7.1	8.2	7						
SR4A	Cloudy	Moderate	08:07	8.9	Surface	1.0	0.0	105	25.0	25.0	8.0	8.0	26.0	26.0	105.6	105.6	7.5	7.2	4.5	7.6	6	5	817187	807793
						1.0	0.0	99	25.0	25.0	8.0	8.0	26.0	105.5	7.5	4.7	5							
					Middle	4.5	0.0	116	24.9	24.9	8.0	8.0	29.4	29.4	98.1	98.1	6.9	8.1	4					
						4.5	0.0	117	24.9	24.9	8.0	8.0	29.4	98.0	6.9	8.3	5							
					Bottom	7.9	0.0	108	24.9	24.9	8.0	8.0	29.4	29.4	97.5	97.5	6.8	10.1	4					
						7.9	0.1	115	24.9	24.9	8.0	8.0	29.4	97.5	6.8	10.2	4							
SR8	Rainy	Moderate	10:38	5.8	Surface	1.0	-	-	24.8	24.8	8.1	8.1	21.4	21.6	94.6	94.4	6.9	6.9	3.2	3.7	5	5	820401	811640
						1.0	-	-	24.8	24.8	8.1	8.1	21.7	94.2	6.9	3.4	5							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-						
						-	-	-	-	-	-	-	-	-	-	-	-	-						
					Bottom	4.8	-	-	24.8	24.8	8.1	8.1	24.4	24.3	94.1	96.2	6.8	4.1	4					
						4.8	-	-	24.8	24.8	8.1	8.1	24.2	98.3	7.1	4.0	6							

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

Water Quality Monitoring Results on 24 May 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	13:41	7.7	Surface	1.0	0.2	42	25.3	25.3	8.1	8.1	28.8	28.8	107.3	107.2	7.5	7.4	3.6	5.8	6	5	815635	804264		
						1.0	0.2	46	25.2		8.1		28.8		107.0		7.5		3.6		5					
					Middle	3.9	0.2	30	24.9	24.9	8.1	8.1	29.1	29.1	104.8	104.7	7.4	6.6	3.6	6.6	5	6.6			5	6.6
						3.9	0.3	35	24.9		8.1		29.1		104.6		7.3		3.6		5					
					Bottom	6.7	0.2	55	24.7	24.7	8.1	8.1	32.0	32.0	95.1	95.2	6.6	6.6	10.0	6.6	4	6.6			4	6.6
						6.7	0.2	51	24.7		8.1		32.0		95.2		6.6		10.5		4					
C2	Cloudy	Moderate	12:33	11.6	Surface	1.0	0.1	327	25.5	25.5	8.2	8.2	20.5	20.5	122.3	122.4	8.9	7.7	4.6	9.2	5	6	825702	806925		
						1.0	0.0	333	25.5		8.2		20.5		122.5		8.9		4.6		6					
					Middle	5.8	0.1	345	24.9	24.9	8.0	8.0	28.1	28.1	90.8	90.7	6.4	6.1	6.4	6.1	6	6.1			6	6.1
						5.8	0.1	344	24.9		8.0		28.2		90.5		6.4		6							
					Bottom	10.6	0.1	333	24.9	24.9	8.0	8.0	28.7	28.7	86.3	86.4	6.1	6.1	16.3	6.1	7	6.1			7	6.1
						10.6	0.1	332	24.9		8.0		28.7		86.4		6.1		17.0		6					
C3	Rainy	Moderate	14:11	10.8	Surface	1.0	0.4	264	24.6	24.6	8.1	8.1	23.5	23.5	99.6	99.2	7.3	7.0	1.1	1.7	4	4	822103	817801		
						1.0	0.3	261	24.6		8.1		23.5		99.7		7.2		1.1		3					
					Middle	5.4	0.4	263	24.7	24.7	8.1	8.1	26.9	27.0	94.0	94.2	6.7	6.8	1.8	6.8	4	6.8			4	6.8
						5.4	0.5	265	24.7		8.1		27.0		94.3		6.7		1.8		4					
					Bottom	9.8	0.4	264	24.7	24.8	8.1	8.1	27.1	27.1	95.3	95.6	6.8	6.8	2.1	6.8	4	6.8			4	6.8
						9.8	0.4	265	24.8		8.1		27.1		95.8		6.8		2.1		4					
IM1	Cloudy	Moderate	13:25	6.8	Surface	1.0	0.2	5	25.0	25.0	8.1	8.1	29.8	29.9	104.0	103.9	7.3	7.1	6.9	9.6	4	5	818353	806435		
						1.0	0.2	2	25.0		8.1		30.0		103.8		7.2		7.2		5					
					Middle	3.4	0.2	4	24.9	24.9	8.1	8.1	30.6	30.6	98.4	98.4	6.8	7.0	9.1	7.0	4	7.0			4	7.0
						3.4	0.1	2	24.9		8.1		30.7		98.4		6.9		9.4		5					
					Bottom	5.8	0.2	352	24.9	24.9	8.1	8.1	30.7	30.7	99.7	99.9	6.9	6.6	12.8	6.6	6	6.6			6	6.6
						5.8	0.1	356	24.9		8.1		30.7		100.1		7.0		12.0		5					
IM2	Cloudy	Moderate	13:20	8.2	Surface	1.0	0.2	327	25.3	25.3	8.1	8.1	28.0	28.0	103.7	103.7	7.3	7.1	3.9	9.4	7	5	819193	806239		
						1.0	0.2	327	25.3		8.1		28.1		103.6		7.3		4.0		7					
					Middle	4.1	0.1	301	24.9	24.9	8.1	8.1	29.6	29.7	99.0	99.0	6.9	6.6	7.7	6.6	6	6.6			6	6.6
						4.1	0.1	296	24.9		8.1		29.7		98.9		6.9		7.9		5					
					Bottom	7.2	0.2	320	24.9	24.9	8.1	8.1	30.4	30.4	94.1	94.2	6.6	6.6	16.8	6.6	4	6.6			4	6.6
						7.2	0.2	323	24.9		8.1		30.4		94.2		6.6		16.4		3					
IM7	Cloudy	Moderate	12:57	7.8	Surface	1.0	0.1	267	25.5	25.5	8.2	8.2	22.6	22.7	120.8	120.6	8.7	7.8	2.9	4.6	5	5	821367	806841		
						1.0	0.1	274	25.5		8.2		22.7		120.3		8.7		2.9		5					
					Middle	3.9	0.2	251	25.0	25.0	8.1	8.1	27.5	27.6	98.0	98.1	6.9	6.9	5.0	6.9	5	6.9			5	6.9
						3.9	0.2	257	25.0		8.1		27.6		98.1		6.9		5.1		5					
					Bottom	6.8	0.2	241	25.0	25.0	8.1	8.1	27.9	27.9	98.1	98.2	6.9	6.9	5.8	6.9	4	6.9			4	6.9
						6.8	0.2	248	25.0		8.1		27.9		98.2		6.9		5.8		4					

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

Water Quality Monitoring Results on 24 May 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	12:42	9.2	Surface	1.0	0.3	291	24.9	8.1	8.1	20.6	20.6	109.5	109.2	8.1	7.4	1.8	5	5	822230	809828			
						1.0	0.3	289	24.8	8.1	8.1	20.7	20.6	108.8	109.2	8.0	7.4	1.7	4						
					Middle	4.6	0.3	288	24.7	8.1	8.1	24.6	24.6	93.0	93.1	6.7	6.9	2.4	4						
						4.6	0.4	280	24.7	8.1	8.1	24.7	24.6	93.2	93.1	6.7	6.9	2.4	5						
					Bottom	8.2	0.3	282	24.7	8.1	8.1	24.8	24.8	95.4	95.8	6.9	6.9	3.8	5						
						8.2	0.3	276	24.7	8.1	8.1	24.8	24.8	96.2	95.8	6.9	6.9	3.8	6						
IM11	Rainy	Moderate	12:51	7.2	Surface	1.0	0.3	269	24.7	8.1	8.1	21.6	21.6	95.4	94.2	7.0	6.7	1.1	6	5	821514	810567			
						1.0	0.3	274	24.7	8.1	8.1	21.6	21.6	92.9	94.2	6.8	6.7	1.1	5						
					Middle	3.6	0.3	291	24.7	8.1	8.1	24.5	24.6	89.2	89.3	6.4	6.8	2.7	6						
						3.6	0.3	288	24.7	8.1	8.1	24.6	24.6	89.4	89.3	6.5	6.8	2.8	5						
					Bottom	6.2	0.3	262	24.7	8.1	8.1	24.7	24.7	92.3	92.9	6.7	6.8	3.3	5						
						6.2	0.2	264	24.7	8.1	8.1	24.7	24.7	93.5	92.9	6.8	6.8	3.3	5						
IM12	Rainy	Moderate	12:59	7.4	Surface	1.0	0.3	292	24.7	8.1	8.1	21.4	21.4	96.7	96.0	7.1	6.6	2.9	5	6	821153	811504			
						1.0	0.3	293	24.7	8.1	8.1	21.4	21.4	95.2	96.0	7.0	6.6	2.8	5						
					Middle	3.7	0.3	296	24.6	8.1	8.1	25.0	25.0	85.8	85.8	6.2	6.4	3.1	6						
						3.7	0.3	296	24.6	8.1	8.1	25.1	25.0	85.8	85.8	6.2	6.4	3.1	6						
					Bottom	6.4	0.3	306	24.6	8.1	8.1	25.2	25.2	87.6	87.9	6.3	6.4	4.1	8						
						6.4	0.3	298	24.6	8.1	8.1	25.2	25.2	88.2	87.9	6.4	6.4	4.1	7						
SR1A	Rainy	Moderate	13:24	4.8	Surface	1.0	0.0	176	24.6	8.1	8.1	22.2	22.2	99.4	99.3	7.3	7.3	1.0	3	3	819975	812666			
						1.0	0.1	180	24.6	8.1	8.1	22.3	22.2	99.2	99.3	7.3	7.3	1.1	2						
					Middle	2.4	0.1	160	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						2.4	0.1	166	-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	3.8	0.0	202	24.4	8.1	8.1	22.8	22.8	98.4	98.3	7.2	7.3	2.4	3						
						3.8	0.0	199	24.4	8.1	8.1	22.8	22.8	98.2	98.3	7.3	7.3	2.4	4						
SR2	Rainy	Moderate	14:00	4.8	Surface	1.0	0.1	286	24.8	8.1	8.1	23.7	23.9	99.9	99.8	7.2	7.2	1.1	4	4	821474	814156			
						1.0	0.1	281	24.8	8.1	8.1	24.0	23.9	99.6	99.8	7.2	7.2	1.2	4						
					Middle	-	0.1	284	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						-	0.1	280	-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	3.8	0.1	298	24.7	8.1	8.1	25.0	25.0	99.1	99.3	7.2	7.2	2.0	5						
						3.8	0.1	300	24.7	8.1	8.1	24.9	25.0	99.5	99.3	7.2	7.2	2.0	4						
SR3	Cloudy	Moderate	12:51	8.8	Surface	1.0	0.1	225	25.7	8.2	8.2	22.3	22.3	120.9	120.8	8.7	7.8	2.6	6	5	822132	807557			
						1.0	0.1	225	25.7	8.2	8.2	22.3	22.3	120.7	120.8	8.7	7.8	2.7	5						
					Middle	4.4	0.1	202	25.0	8.1	8.1	26.5	26.6	97.7	97.9	6.9	7.0	3.7	6						
						4.4	0.1	206	25.0	8.1	8.1	26.7	26.6	98.0	97.9	7.0	7.0	3.8	5						
					Bottom	7.8	0.1	192	25.0	8.1	8.1	27.7	27.7	99.4	99.5	7.0	7.0	14.6	5						
						7.8	0.1	188	25.0	8.1	8.1	27.7	27.7	99.5	99.5	7.0	7.0	14.1	5						
SR4A	Cloudy	Moderate	14:01	9.2	Surface	1.0	0.0	112	25.2	8.1	8.1	26.4	26.4	107.0	107.0	7.6	7.3	4.5	4	5	817173	807789			
						1.0	0.0	106	25.2	8.1	8.1	26.4	26.4	106.9	107.0	7.6	7.3	4.7	4						
					Middle	4.6	0.0	122	24.9	8.1	8.1	29.7	29.7	99.7	99.7	7.0	7.1	6.2	5						
						4.6	0.0	118	24.9	8.1	8.1	29.7	29.7	99.7	99.7	7.0	7.1	6.5	4						
					Bottom	8.2	0.0	138	24.9	8.1	8.1	29.8	29.8	101.1	101.3	7.1	7.1	9.3	6						
						8.2	0.1	139	24.9	8.1	8.1	29.8	29.8	101.4	101.3	7.1	7.1	9.4	5						
SR8	Rainy	Moderate	13:05	5.6	Surface	1.0	-	-	24.7	8.1	8.1	22.0	22.0	97.0	94.7	7.1	7.0	3.1	5	5	820393	811604			
						1.0	-	-	24.7	8.1	8.1	21.9	22.0	92.3	94.7	6.8	7.0	3.0	6						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
					Bottom	4.6	-	-	24.6	8.1	8.1	24.5	24.5	93.1	93.8	6.7	6.8	3.7	4						
						4.6	-	-	24.6	8.1	8.1	24.5	24.5	94.5	93.8	6.8	6.8	3.8	4						

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

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

Water Quality Monitoring Results on 26 May 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	10:48	8.8	Surface	1.0	0.4	204	25.3	8.2	8.2	24.1	24.1	90.5	90.5	6.5	6.4	2.7	4.0	4	815598	804239		
						1.0	0.4	207	25.3	8.2	8.2	24.1	24.1	90.4	90.5	6.5								
					Middle	4.4	0.4	207	24.6	8.1	8.1	29.3	29.3	88.5	88.5	6.2							4.6	
						4.4	0.4	213	24.6	8.1	8.1	29.3	29.3	88.5	88.5	6.2								
					Bottom	7.8	0.4	229	24.5	8.1	8.1	29.8	29.8	84.7	84.7	5.9							4.8	
						7.8	0.4	234	24.5	8.1	8.1	29.7	29.7	84.6	84.7	5.9								4.9
C2	Cloudy	Moderate	12:13	11.2	Surface	1.0	0.6	183	25.3	8.2	8.2	18.3	18.3	94.5	94.7	7.0	6.2	3.6	3.0	3	825669	806955		
						1.0	0.6	176	25.3	8.2	8.2	18.3	18.3	94.9	94.7	7.0								
					Middle	5.6	0.5	159	24.8	8.1	8.1	24.2	24.2	75.5	75.5	5.4							3.2	
						5.6	0.5	159	24.7	8.1	8.1	24.2	24.2	75.4	75.5	5.4								
					Bottom	10.2	0.6	158	24.7	8.1	8.1	26.4	26.4	69.3	69.2	4.9							2.2	
						10.2	0.6	164	24.7	8.1	8.1	26.4	26.4	69.1	69.2	4.9								2.4
C3	Cloudy	Moderate	09:49	12.8	Surface	1.0	0.4	92	25.1	8.0	8.0	24.8	24.8	88.9	89.0	6.4	6.2	3.0	2.6	3	822116	817806		
						1.0	0.4	99	25.1	8.0	8.0	24.8	24.8	89.0	89.0	6.4								
					Middle	6.4	0.3	86	24.6	8.0	8.0	28.2	28.2	84.3	84.3	6.0							2.1	
						6.4	0.3	87	24.6	8.0	8.0	28.3	28.2	84.2	84.3	6.0								
					Bottom	11.8	0.4	95	24.5	8.0	8.0	29.3	29.4	83.9	83.9	5.9							2.7	
						11.8	0.4	98	24.5	8.0	8.0	29.4	29.4	83.9	83.9	5.9								2.7
IM1	Cloudy	Moderate	11:09	6.3	Surface	1.0	0.3	185	25.3	8.2	8.2	25.6	25.6	86.2	86.2	6.1	6.2	5.0	9.3	4	818337	806461		
						1.0	0.3	187	25.2	8.2	8.2	25.6	25.6	86.1	86.2	6.1								
					Middle	3.2	0.2	205	24.7	8.1	8.1	27.9	27.9	87.5	87.5	6.2							9.7	
						3.2	0.3	204	24.7	8.1	8.1	27.9	27.9	87.5	87.5	6.2								
					Bottom	5.3	0.3	192	24.7	8.1	8.1	27.9	27.9	85.6	85.7	6.0							12.8	
						5.3	0.3	194	24.7	8.1	8.1	27.9	27.9	85.7	85.7	6.1								13.3
IM2	Cloudy	Moderate	11:16	6.8	Surface	1.0	0.4	208	24.8	8.1	8.1	24.8	24.8	88.8	88.8	6.4	6.2	2.6	4.7	4	819182	806216		
						1.0	0.4	208	24.8	8.1	8.1	24.8	24.8	88.8	88.8	6.4								
					Middle	3.4	0.4	217	24.7	8.1	8.1	27.6	27.7	85.2	85.2	6.0							3.0	
						3.4	0.4	218	24.7	8.1	8.1	27.7	27.7	85.2	85.2	6.0								
					Bottom	5.8	0.3	217	24.7	8.1	8.1	28.1	28.1	83.0	83.0	5.9							8.6	
						5.8	0.3	215	24.7	8.1	8.1	28.1	28.1	82.9	83.0	5.8								8.5
IM7	Cloudy	Moderate	11:43	7.8	Surface	1.0	0.3	212	25.3	8.1	8.1	20.2	20.2	90.9	90.8	6.6	6.3	2.5	3.2	3	821338	806847		
						1.0	0.3	205	25.3	8.1	8.1	20.2	20.2	90.7	90.8	6.6								
					Middle	3.9	0.3	219	24.8	8.1	8.1	25.1	25.2	84.2	84.2	6.0							2.3	
						3.9	0.3	221	24.8	8.1	8.1	25.2	25.2	84.2	84.2	6.0								
					Bottom	6.8	0.3	199	24.8	8.1	8.1	26.0	26.0	81.6	81.7	5.8							4.7	
						6.8	0.3	193	24.8	8.1	8.1	26.0	26.0	81.7	81.7	5.8								4.7

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

Water Quality Monitoring Results on 26 May 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	Cloudy	Moderate	11:22	8.0	Surface	1.0	0.4	106	25.3	25.3	8.1	8.1	20.3	20.3	91.5	91.5	6.7	6.3	3.1	5.6	3	3	822245	809843		
						1.0	0.4	100	25.3	8.1	8.1	20.3	20.3	91.4	91.5	6.7										
					Middle	4.0	0.4	118	24.9	24.9	8.0	8.0	24.9	24.9	81.3	81.3	5.9								5.9	5.8
						4.0	0.4	121	24.9	24.9	8.0	8.0	24.9	24.9	81.3	81.3	5.9								5.9	5.8
					Bottom	7.0	0.5	142	24.9	24.9	8.1	8.1	25.1	25.1	80.8	80.9	5.8								5.8	8.1
						7.0	0.5	134	24.9	24.9	8.1	8.1	25.1	25.1	80.9	80.9	5.8								5.8	7.7
IM11	Cloudy	Moderate	11:14	8.2	Surface	1.0	0.5	110	25.4	25.4	8.0	8.0	19.9	19.9	92.0	92.0	6.7	6.4	3.1	7.0	3	3	821518	810565		
						1.0	0.5	107	25.4	25.4	8.0	8.0	19.9	19.9	92.0	92.0	6.7									
					Middle	4.1	0.4	99	24.9	24.9	8.0	8.0	23.9	23.9	82.8	82.9	6.0								6.0	7.9
						4.1	0.5	99	24.9	24.9	8.0	8.0	24.0	24.0	82.9	82.9	6.0								6.0	8.1
					Bottom	7.2	0.5	95	24.9	25.0	8.0	8.0	24.4	24.4	83.6	83.7	6.0								6.0	9.6
						7.2	0.5	91	25.0	25.0	8.0	8.0	24.4	24.4	83.8	83.7	6.0								6.0	9.9
IM12	Cloudy	Moderate	11:05	8.8	Surface	1.0	0.6	91	25.2	25.2	8.0	8.0	21.2	21.2	89.2	89.2	6.5	6.2	5.4	10.0	4	4	821184	811535		
						1.0	0.6	88	25.2	25.2	8.0	8.0	21.1	21.1	89.2	89.2	6.5									
					Middle	4.4	0.6	115	24.9	24.9	8.0	8.0	25.0	25.0	82.2	82.3	5.9								5.9	12.6
						4.4	0.6	117	24.9	24.9	8.0	8.0	25.0	25.0	82.4	82.3	5.9								5.9	12.9
					Bottom	7.8	0.6	124	24.9	25.0	8.1	8.1	25.2	25.1	83.7	83.8	6.0								6.0	11.2
						7.8	0.6	120	25.0	25.0	8.1	8.1	25.1	25.1	83.9	83.8	6.0								6.0	11.9
SR1A	Cloudy	Moderate	10:39	4.8	Surface	1.0	0.1	133	25.0	25.0	8.1	8.0	21.2	21.2	91.0	90.6	6.7	6.7	5.1	5.9	3	3	819980	812657		
						1.0	0.0	134	25.0	25.0	8.0	8.0	21.3	21.3	90.2	90.6	6.6									
					Middle	2.4	0.1	142	-	-	-	-	-	-	-	-	-								-	-
						2.4	0.0	148	-	-	-	-	-	-	-	-	-								-	-
					Bottom	3.8	0.1	119	25.0	25.1	8.0	8.0	24.9	24.9	84.9	85.0	6.1								6.1	6.5
						3.8	0.1	118	25.1	25.1	8.0	8.0	24.9	24.9	85.1	85.0	6.1								6.1	6.6
SR2	Cloudy	Moderate	10:15	4.6	Surface	1.0	0.4	43	25.3	25.3	8.1	8.1	20.3	20.3	93.7	93.6	6.9	6.9	2.8	3.3	3	3	821466	814174		
						1.0	0.5	38	25.2	25.3	8.1	8.1	20.3	20.3	93.5	93.6	6.9									
					Middle	-	0.5	42	-	-	-	-	-	-	-	-	-								-	-
						-	0.4	35	-	-	-	-	-	-	-	-	-								-	-
					Bottom	3.6	0.5	67	24.9	24.9	8.1	8.1	24.0	24.0	85.7	85.7	6.2								6.2	3.7
						3.6	0.4	69	24.9	24.9	8.1	8.1	24.0	24.0	85.6	85.7	6.2								6.2	3.8
SR3	Cloudy	Moderate	11:52	8.6	Surface	1.0	0.6	177	25.5	25.5	8.3	8.3	18.9	18.9	97.1	97.0	7.1	6.7	2.2	3.4	3	3	822148	807585		
						1.0	0.6	176	25.5	25.5	8.3	8.3	18.9	18.9	96.9	97.0	7.1									
					Middle	4.3	0.6	178	24.8	24.8	8.1	8.1	24.7	24.8	85.8	85.8	6.2								6.2	2.3
						4.3	0.6	181	24.8	24.8	8.1	8.1	24.8	24.8	85.8	85.8	6.2								6.2	2.4
					Bottom	7.6	0.6	143	24.8	24.8	8.1	8.1	25.6	25.6	82.2	82.3	5.9								5.9	5.3
						7.6	0.6	146	24.8	24.8	8.1	8.1	25.6	25.6	82.3	82.3	5.9								5.9	5.7
SR4A	Cloudy	Moderate	10:30	8.5	Surface	1.0	0.0	81	25.2	25.2	8.1	8.1	23.8	23.8	96.1	96.1	6.9	6.6	2.0	5.1	4	4	817205	807799		
						1.0	0.0	87	25.2	25.2	8.1	8.1	23.8	23.8	96.0	96.1	6.9									
					Middle	4.3	0.1	67	24.7	24.7	8.0	8.0	27.2	27.2	88.6	88.6	6.3								6.3	5.6
						4.3	0.1	64	24.7	24.7	8.0	8.0	27.2	27.2	88.5	88.6	6.3								6.3	5.8
					Bottom	7.5	0.0	67	24.7	24.7	8.0	8.0	27.2	27.2	88.0	88.0	6.2								6.2	7.6
						7.5	0.1	60	24.7	24.7	8.0	8.0	27.2	27.2	88.0	88.0	6.2								6.2	7.7
SR8	Cloudy	Moderate	11:00	4.9	Surface	1.0	-	-	25.7	25.7	8.1	8.1	18.3	18.3	99.8	99.7	7.3	7.3	2.9	3.3	3	3	820369	811630		
						1.0	-	-	25.7	25.7	8.1	8.1	18.3	18.3	99.6	99.7	7.3									
					Middle	-	-	-	-	-	-	-	-	-	-	-	-								-	-
						-	-	-	-	-	-	-	-	-	-	-	-								-	-
					Bottom	3.9	-	-	25.9	25.9	8.0	8.0	21.8	21.8	90.9	91.0	6.5								6.5	3.7
						3.9	-	-	25.9	25.9	8.0	8.0	21.8	21.8	91.0	91.0	6.5								6.5	3.7

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Water Quality Monitoring

Water Quality Monitoring Results on 26 May 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	Moderate	16:01	8.8	Surface	1.0	0.2	15	25.6	8.2	8.2	26.6	26.6	113.6	113.5	7.9	7.9	3.3	5.8	4	4	815636	804228	
						1.0	0.2	18	25.5	8.2	8.2	26.6	26.6	113.3	113.5	7.9								3.3
					Middle	4.4	0.2	19	25.2	8.1	8.1	26.9	26.9	111.1	111.0	7.8								6.2
						4.4	0.2	16	25.2	8.1	8.1	26.9	26.9	110.9	111.0	7.8								6.3
					Bottom	7.8	0.2	40	25.0	8.1	8.1	29.8	29.8	101.4	101.5	7.0								7.5
						7.8	0.2	42	25.0	8.1	8.1	29.8	29.8	101.5	101.5	7.0								8.0
C2	Cloudy	Moderate	14:53	11.6	Surface	1.0	0.1	262	25.8	8.3	8.3	18.3	18.3	118.4	118.5	8.7	7.8	2.1	6.7	3	825658	806958		
						1.0	0.1	256	25.8	8.3	8.3	18.3	18.3	118.6	118.5	8.7							2.1	
					Middle	5.8	0.0	261	25.2	8.0	8.0	25.9	25.9	98.3	98.2	7.0							3.9	
						5.8	-	264	25.2	8.0	8.0	26.0	26.0	98.0	98.2	6.9							3.9	
					Bottom	10.6	0.1	273	25.2	8.0	8.0	26.5	26.5	93.8	93.9	6.6							13.8	
						10.6	0.1	274	25.2	8.0	8.0	26.5	26.5	93.9	93.9	6.6							14.5	
C3	Cloudy	Moderate	16:26	11.8	Surface	1.0	0.5	267	25.7	8.1	8.1	25.2	25.2	91.3	90.9	6.4	6.2	3.7	4.3	3	822102	817808		
						1.0	0.4	267	25.7	8.1	8.1	25.2	25.2	90.4	90.9	6.4							3.7	
					Middle	5.9	0.4	263	25.2	8.1	8.1	28.6	28.6	85.7	85.9	6.0							4.4	
						5.9	0.4	260	25.2	8.1	8.1	28.7	28.6	86.0	85.9	6.0							4.4	
					Bottom	10.8	0.4	269	25.1	8.1	8.1	29.7	29.7	87.0	87.3	6.0							4.7	
						10.8	0.4	272	25.1	8.1	8.1	29.7	29.7	87.5	87.3	6.1							4.7	
IM1	Cloudy	Moderate	15:45	6.7	Surface	1.0	0.1	358	25.3	8.1	8.1	27.6	27.7	110.3	110.2	7.7	7.5	4.4	7.1	4	818334	806443		
						1.0	0.1	354	25.3	8.1	8.1	27.8	27.7	110.1	110.2	7.7							4.7	
					Middle	3.4	0.1	20	25.2	8.1	8.1	28.4	28.4	104.7	104.7	7.3							6.6	
						3.4	0.1	16	25.2	8.1	8.1	28.5	28.4	104.7	104.7	7.3							6.9	
					Bottom	5.7	0.1	0	25.2	8.1	8.1	28.5	28.5	106.0	106.2	7.4							10.3	
						5.7	0.1	4	25.2	8.1	8.1	28.5	28.5	106.4	106.2	7.4							9.5	
IM2	Cloudy	Moderate	15:40	7.3	Surface	1.0	0.1	316	25.6	8.1	8.1	25.8	25.8	110.0	110.0	7.7	7.6	1.4	6.9	4	819199	806220		
						1.0	0.1	315	25.6	8.1	8.1	25.9	25.8	109.9	110.0	7.7							1.5	
					Middle	3.7	0.2	290	25.2	8.1	8.1	27.4	27.5	105.3	105.3	7.4							5.2	
						3.7	0.1	286	25.2	8.1	8.1	27.5	27.5	105.2	105.3	7.4							5.4	
					Bottom	6.3	0.2	286	25.2	8.1	8.1	28.2	28.2	100.4	100.5	7.0							14.3	
						6.3	0.2	278	25.2	8.1	8.1	28.2	28.2	100.5	100.5	7.0							13.9	
IM7	Cloudy	Moderate	15:17	8.2	Surface	1.0	0.3	246	25.8	8.3	8.3	20.4	20.5	127.1	126.9	9.2	8.3	3.4	5.7	4	821328	806834		
						1.0	0.3	249	25.8	8.3	8.3	20.5	20.5	126.6	126.9	9.1							3.3	
					Middle	4.1	0.3	254	25.3	8.1	8.1	25.3	25.4	104.3	104.4	7.4							5.3	
						4.1	0.3	259	25.3	8.1	8.1	25.4	25.4	104.4	104.4	7.4							5.4	
					Bottom	7.2	0.2	249	25.3	8.1	8.1	25.7	25.7	104.4	104.5	7.4							8.6	
						7.2	0.2	249	25.3	8.1	8.1	25.7	25.7	104.5	104.5	7.4							8.6	

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

Water Quality Monitoring Results on 26 May 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	Cloudy	Moderate	14:57	8.5	Surface	1.0	0.2	260	25.8	25.8	8.0	8.0	19.3	19.3	101.2	100.9	7.3	6.7	6.2	6.2	5.2	3	3	822261	809856		
						1.0	0.2	260	25.8	8.0	8.0	19.2	19.3	100.5	100.9	7.3											
					Middle	4.3	0.2	275	25.5	25.5	8.0	8.0	25.4	25.4	84.7	84.8	6.0									6.0	5.0
						4.3	0.3	273	25.5	25.5	8.1	8.0	25.4	25.4	84.9	84.8	6.0									6.0	5.0
					Bottom	7.5	0.3	254	25.5	25.6	8.1	8.1	25.5	25.5	87.1	87.5	6.1									6.2	6.4
						7.5	0.2	259	25.6	25.6	8.1	8.1	25.5	25.5	87.9	87.5	6.2									6.2	6.4
IM11	Cloudy	Moderate	15:06	8.1	Surface	1.0	0.3	259	26.0	26.0	8.0	8.0	20.3	20.3	87.1	85.9	6.3	6.0	6.0	6.0	5.0	4	4	821497	810564		
						1.0	0.2	254	26.0	26.0	8.0	8.0	20.3	20.3	84.6	85.9	6.1										
					Middle	4.1	0.3	282	25.5	25.5	8.1	8.1	24.3	24.3	80.9	81.0	5.7									5.7	5.3
						4.1	0.3	284	25.5	25.5	8.1	8.1	24.4	24.4	81.1	81.0	5.8									5.8	5.4
					Bottom	7.1	0.3	285	25.5	25.6	8.1	8.1	24.8	24.8	84.0	84.6	5.9									6.0	5.9
						7.1	0.3	280	25.6	25.6	8.1	8.1	24.8	24.8	85.2	84.6	6.0									6.0	5.9
IM12	Cloudy	Moderate	15:14	8.8	Surface	1.0	0.3	271	25.9	25.9	8.1	8.1	20.7	20.7	88.4	87.7	6.4	5.9	5.6	5.9	5.9	4	4	821164	811531		
						1.0	0.2	275	25.9	25.9	8.1	8.1	20.7	20.7	86.9	87.7	6.3										
					Middle	4.4	0.3	274	25.5	25.5	8.0	8.0	25.2	25.2	77.5	77.5	5.5									5.5	5.7
						4.4	0.3	267	25.5	25.5	8.0	8.0	25.2	25.2	77.5	77.5	5.5									5.5	5.7
					Bottom	7.8	0.3	283	25.5	25.5	8.0	8.0	25.5	25.5	79.3	79.6	5.6									5.6	6.7
						7.8	0.4	280	25.5	25.5	8.0	8.0	25.5	25.5	79.9	79.6	5.6									5.6	6.7
SR1A	Cloudy	Moderate	15:39	5.2	Surface	1.0	0.0	199	25.6	25.6	8.1	8.1	20.7	20.7	91.1	91.0	6.6	6.6	6.4	6.4	4.3	4	4	819980	812655		
						1.0	0.0	196	25.6	25.6	8.1	8.1	20.7	20.7	90.9	91.0	6.6										
					Middle	2.6	0.0	201	-	-	-	-	-	-	-	-	-									-	-
						2.6	0.0	199	-	-	-	-	-	-	-	-	-									-	-
					Bottom	4.2	0.0	194	25.6	25.7	8.1	8.1	24.4	24.4	90.1	90.0	6.4									6.4	5.0
						4.2	0.0	191	25.7	25.7	8.1	8.1	24.4	24.4	89.9	90.0	6.4									6.4	5.0
SR2	Cloudy	Moderate	16:15	4.6	Surface	1.0	0.1	274	25.9	25.9	8.1	8.1	21.5	21.6	91.6	91.5	6.6	6.6	6.4	6.4	4.2	4	4	821484	814174		
						1.0	0.1	278	25.8	25.9	8.1	8.1	21.6	21.6	91.3	91.5	6.5										
					Middle	-	0.1	301	-	-	-	-	-	-	-	-	-									-	-
						-	0.1	304	-	-	-	-	-	-	-	-	-									-	-
					Bottom	3.6	0.1	296	25.5	25.5	8.1	8.1	25.3	25.3	90.8	91.0	6.4									6.4	4.6
						3.6	0.1	300	25.5	25.5	8.1	8.1	25.3	25.3	91.2	91.0	6.4									6.4	4.6
SR3	Cloudy	Moderate	15:11	8.8	Surface	1.0	0.1	224	26.0	26.0	8.3	8.3	20.1	20.1	117.0	116.9	8.4	7.9	7.5	7.5	6.4	5	5	822155	807588		
						1.0	0.1	225	26.0	26.0	8.3	8.3	20.1	20.1	116.8	116.9	8.4										
					Middle	4.4	0.1	228	25.3	25.3	8.1	8.1	24.1	24.2	103.7	103.9	7.4									7.4	5.2
						4.4	0.1	232	25.3	25.3	8.1	8.1	24.3	24.3	104.0	103.9	7.4									7.4	5.2
					Bottom	7.8	0.1	233	25.3	25.3	8.1	8.1	25.5	25.5	105.7	105.8	7.5									7.5	12.1
						7.8	0.1	232	25.3	25.3	8.1	8.1	25.5	25.5	105.8	105.8	7.5									7.5	11.6
SR4A	Cloudy	Moderate	16:21	9.2	Surface	1.0	0.0	141	25.5	25.5	8.2	8.1	24.2	24.2	113.3	113.3	8.0	7.7	7.5	7.5	4.3	4	4	817178	807820		
						1.0	0.0	143	25.5	25.5	8.1	8.1	24.2	24.2	113.2	113.3	8.0										
					Middle	4.6	-	123	25.2	25.2	8.1	8.1	27.5	27.5	106.0	106.0	7.4									7.4	3.7
						4.6	-	119	25.2	25.2	8.1	8.1	27.5	27.5	106.0	106.0	7.4									7.4	4.0
					Bottom	8.2	0.0	128	25.2	25.2	8.2	8.2	27.6	27.6	107.4	107.6	7.5									7.5	6.8
						8.2	0.0	124	25.2	25.2	8.2	8.2	27.6	27.6	107.7	107.6	7.5									7.5	6.9
SR8	Cloudy	Moderate	15:20	4.8	Surface	1.0	-	-	26.3	26.3	8.1	8.1	18.7	18.7	88.7	86.4	6.4	6.3	6.1	6.1	6.0	4	4	820378	811643		
						1.0	-	-	26.3	26.3	8.1	8.1	18.7	18.7	84.0	86.4	6.1										
					Middle	-	-	-	-	-	-	-	-	-	-	-	-									-	-
						-	-	-	-	-	-	-	-	-	-	-	-									-	-
					Bottom	3.8	-	-	26.5	26.5	8.1	8.1	22.2	22.1	84.8	85.5	6.0									6.1	6.3
						3.8	-	-	26.5	26.5	8.1	8.1	22.1	22.1	86.2	85.5	6.1									6.1	6.4

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

Water Quality Monitoring

Water Quality Monitoring Results on 28 May 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	10:35	8.0	Surface	1.0	0.2	201	<u>25.8</u>	25.8	8.1	8.1	<u>15.0</u>	15.0	<u>103.6</u>	103.5	7.8	7.1	3.8	8.1	3	3	815640	804262
						1.0	0.2	203	25.7		8.1		15.0	103.4	7.8	4.0	3							
					Middle	4.0	0.2	173	<u>24.9</u>	24.9	8.0	8.0	<u>31.8</u>	31.8	<u>92.1</u>	92.0	6.4	6.4	9.4	3				
						4.0	0.2	165	24.9		8.0	8.0	<u>31.8</u>	31.8	<u>91.9</u>	91.9	6.4	6.3	9.7	3				
					Bottom	7.0	0.2	193	<u>24.9</u>	24.9	8.0	8.0	<u>32.2</u>	32.2	<u>91.1</u>	91.1	6.3	6.3	10.9	3				
						7.0	0.1	187	24.9		8.0	8.0	<u>32.2</u>	32.2	<u>91.1</u>	91.1	6.3	6.3	11.0	2				
C2	Cloudy	Moderate	11:37	11.4	Surface	1.0	0.6	174	<u>26.0</u>	26.0	8.1	8.1	<u>17.1</u>	17.1	<u>103.8</u>	103.7	7.6	6.8	4.4	7.5	4	4	825689	806965
						1.0	0.6	181	26.0		8.1		17.1	103.6	7.6	4.4	4							
					Middle	5.7	0.6	156	<u>25.5</u>	25.5	8.0	8.0	<u>25.2</u>	25.2	<u>83.0</u>	83.1	5.9	5.9	5.8	3				
						5.7	0.6	160	25.4		8.0	8.0	<u>25.1</u>	25.1	<u>83.1</u>	83.1	5.9	5.9	5.8	4				
					Bottom	10.4	0.6	154	<u>25.4</u>	25.4	8.0	8.0	<u>28.1</u>	28.1	<u>84.4</u>	84.6	5.9	5.9	12.0	4				
						10.4	0.6	151	25.4		8.0	8.0	<u>28.1</u>	28.1	<u>84.8</u>	84.6	5.9	5.9	12.7	2				
C3	Misty	Moderate	10:49	8.8	Surface	1.0	0.4	64	<u>25.1</u>	25.1	8.0	8.0	<u>22.8</u>	22.8	<u>84.3</u>	84.3	6.1	6.1	1.1	2.1	2	3	822103	817816
						1.0	0.4	58	25.1		8.0		22.8	84.2	6.1	1.2	3							
					Middle	4.4	0.4	80	<u>25.0</u>	25.0	8.0	8.0	<u>25.0</u>	25.1	<u>83.3</u>	83.2	6.0	6.0	2.3	2				
						4.4	0.4	74	24.9		8.0	8.0	<u>25.1</u>	25.1	<u>83.1</u>	83.2	6.0	6.0	2.4	3				
					Bottom	7.8	0.4	62	<u>24.8</u>	24.8	7.9	7.9	<u>27.3</u>	27.2	<u>83.6</u>	83.7	5.9	6.0	2.8	3				
						7.8	0.4	62	24.8		7.9	7.9	<u>27.2</u>	27.2	<u>83.8</u>	83.7	6.0	6.0	2.8	3				
IM1	Cloudy	Moderate	10:46	6.6	Surface	1.0	0.1	168	<u>25.3</u>	25.3	8.0	8.0	<u>22.1</u>	22.1	<u>96.8</u>	96.8	7.0	6.7	8.3	9.4	5	7	818331	806475
						1.0	0.1	161	25.3		8.0		22.1	96.7	7.0	8.6	6							
					Middle	3.3	0.1	164	<u>25.0</u>	25.0	8.0	8.0	<u>30.8</u>	30.9	<u>92.5</u>	92.5	6.4	6.4	9.7	7				
						3.3	0.1	157	25.0		8.0	8.0	<u>30.9</u>	30.9	<u>92.5</u>	92.5	6.4	6.4	9.5	8				
					Bottom	5.6	0.1	140	<u>25.0</u>	25.0	8.0	8.0	<u>31.2</u>	31.2	<u>92.6</u>	92.6	6.4	6.4	10.3	8				
						5.6	0.1	134	25.0		8.0	8.0	<u>31.2</u>	31.2	<u>92.6</u>	92.6	6.4	6.4	10.2	9				
IM2	Cloudy	Moderate	10:55	7.0	Surface	1.0	0.1	157	<u>25.9</u>	25.9	8.1	8.1	<u>16.5</u>	16.5	<u>105.3</u>	105.3	7.8	7.0	3.4	9.0	4	4	819179	806247
						1.0	0.1	158	25.9		8.1		16.5	105.2	7.8	3.7	4							
					Middle	3.5	0.1	181	<u>25.1</u>	25.1	8.0	8.0	<u>28.2</u>	28.2	<u>88.5</u>	88.7	6.2	6.2	10.2	4				
						3.5	0.1	174	25.1		8.0	8.0	<u>28.2</u>	28.2	<u>88.8</u>	88.7	6.2	6.2	10.1	3				
					Bottom	6.0	0.2	176	<u>25.1</u>	25.1	8.0	8.0	<u>29.8</u>	29.8	<u>89.5</u>	89.6	6.2	6.2	13.2	3				
						6.0	0.1	170	25.1		8.0	8.0	<u>29.8</u>	29.8	<u>89.6</u>	89.6	6.2	6.2	13.4	3				
IM7	Cloudy	Moderate	11:15	8.1	Surface	1.0	0.3	169	<u>25.9</u>	25.9	8.0	8.0	<u>19.8</u>	19.8	<u>90.9</u>	90.8	6.6	6.4	4.2	8.6	4	4	821363	806819
						1.0	0.3	163	25.8		8.0		19.9	90.7	6.6	4.3	3							
					Middle	4.1	0.2	173	<u>25.4</u>	25.4	8.0	8.0	<u>23.9</u>	23.9	<u>84.9</u>	84.9	6.1	6.1	9.6	3				
						4.1	0.3	175	25.4		8.0	8.0	<u>23.9</u>	23.9	<u>84.8</u>	84.9	6.1	6.1	9.9	4				
					Bottom	7.1	0.3	182	<u>25.3</u>	25.3	8.0	8.0	<u>25.7</u>	25.7	<u>83.9</u>	83.9	6.0	6.0	11.8	4				
						7.1	0.3	182	25.3		8.0	8.0	<u>25.7</u>	25.7	<u>83.9</u>	83.9	6.0	6.0	11.9	5				

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Water Quality Monitoring

Water Quality Monitoring Results on 28 May 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	12:10	7.6	Surface	1.0	0.7	114	25.4	25.4	8.0	8.0	16.3	16.4	87.8	87.8	6.6	6.3	5.1	6.2	3	3	822225	809851			
						1.0	0.6	110	25.4		8.0		16.4		87.7		6.6		5.1		4						
					Middle	3.8	0.6	115	25.3	25.3	8.0	8.0	16.8	16.8	81.5	81.2	6.1	6.0	6.4	6.0	3				6.0	6.5	3
						3.8	0.6	113	25.3		8.0		16.8		80.9		6.0		7.0		2						
					Bottom	6.6	0.6	131	25.2	25.2	8.0	8.0	22.5	22.5	80.4	81.1	5.8	5.9	7.0	5.9	3				6.0	7.0	3
						6.6	0.6	135	25.2		8.0		22.5		81.8		5.9		7.0		3						
IM11	Misty	Moderate	12:02	8.4	Surface	1.0	0.7	108	25.3	25.3	8.0	8.0	15.3	15.3	82.2	80.1	6.2	5.9	4.7	5.3	3	3	821522	810530			
						1.0	0.7	106	25.2		8.0		15.4		77.9		5.9		4.6		2						
					Middle	4.2	0.7	84	25.2	25.2	8.0	8.0	22.1	22.1	79.0	79.1	5.7	5.8	5.1	6.0	6.1				6.0	3	
						4.2	0.7	85	25.2		8.0		22.1		79.2		5.7		5.1		3						
					Bottom	7.4	0.7	106	25.2	25.2	8.0	8.0	22.4	22.4	82.2	82.5	6.0	6.0	6.1	6.0	3				6.0	6.1	3
						7.4	0.7	98	25.2		8.0		22.3		82.7		6.0		6.1		3						
IM12	Misty	Moderate	11:55	9.6	Surface	1.0	0.8	104	25.3	25.3	8.0	8.0	17.8	17.9	78.3	78.2	5.8	5.8	4.0	5.4	3	3	821158	811503			
						1.0	0.7	104	25.2		8.0		18.0		78.1		5.8		4.1		3						
					Middle	4.8	0.8	114	25.1	25.1	8.0	8.0	21.5	21.5	77.9	77.9	5.7	5.7	5.3	5.6	5.3				5.6	3	
						4.8	0.7	120	25.1		8.0		21.5		77.8		5.7		5.3		3						
					Bottom	8.6	0.7	99	25.2	25.2	8.0	8.0	24.7	24.7	77.3	77.5	5.5	5.6	6.9	5.6	6.9				5.6	2	
						8.6	0.7	102	25.2		8.0		24.7		77.6		5.6		6.9		3						
SR1A	Misty	Moderate	11:39	5.0	Surface	1.0	0.0	109	25.2	25.2	8.0	8.0	19.7	19.8	79.7	79.5	5.9	5.9	4.4	4.8	3	3	819971	812663			
						1.0	0.1	112	25.2		8.0		19.8		79.2		5.8		4.4		3						
					Middle	2.5	0.0	112	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
						2.5	0.0	115	-		-		-		-		-		-		-					-	-
					Bottom	4.0	0.1	143	25.1	25.1	8.0	8.0	24.2	24.2	74.6	74.6	5.4	5.4	5.1	5.4	5.1				5.4	4	
						4.0	0.0	149	25.1		8.0		24.2		74.6		5.4		5.1		3						
SR2	Misty	Moderate	11:15	5.0	Surface	1.0	0.6	49	25.2	25.2	8.0	8.0	20.6	20.6	82.2	82.2	6.0	6.0	4.0	6.0	3	3	821469	814142			
						1.0	0.6	53	25.2		8.0		20.6		82.1		6.0		4.0		2						
					Middle	-	0.5	34	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
						-	0.6	34	-		-		-		-		-		-		-						
					Bottom	4.0	0.6	71	25.5	25.6	8.0	8.0	23.3	23.4	82.6	82.8	5.9	5.9	5.1	5.9	5.1				5.9	3	
						4.0	0.6	75	25.6		8.0		23.4		82.9		5.9		5.1		3						
SR3	Cloudy	Moderate	11:22	8.8	Surface	1.0	0.5	171	25.9	25.9	8.0	8.0	18.7	18.7	93.9	93.9	6.9	6.5	4.4	7.7	4	4	822152	807563			
						1.0	0.5	175	25.8		8.0		18.7		93.8		6.9		4.6		5						
					Middle	4.4	0.5	150	25.5	25.5	8.0	8.0	23.6	23.6	85.4	85.5	6.1	6.2	7.8	6.2	7.9				6.2	4	
						4.4	0.4	153	25.5		8.0		23.6		85.5		6.1		7.9		4						
					Bottom	7.8	0.5	179	25.4	25.4	8.0	8.0	24.3	24.3	87.0	87.0	6.2	6.2	10.6	6.2	10.6				6.2	3	
						7.8	0.4	186	25.4		8.0		24.3		87.0		6.2		10.6		4						
SR4A	Cloudy	Moderate	10:18	9.1	Surface	1.0	0.0	99	25.8	25.8	7.9	7.9	18.4	18.4	95.9	95.9	7.0	6.5	6.0	10.2	3	4	817202	807815			
						1.0	0.0	101	25.8		7.9		18.4		95.9		7.0		6.0		2						
					Middle	4.6	0.1	94	25.3	25.3	7.9	7.9	27.4	27.4	83.3	83.3	5.9	5.9	9.4	5.9	9.5				5.9	3	
						4.6	0.1	90	25.3		7.9		27.4		83.3		5.9		9.5		4						
					Bottom	8.1	0.0	116	25.2	25.2	7.9	7.9	28.2	28.2	84.4	84.5	5.9	5.9	15.2	5.9	15.2				5.9	5	
						8.1	0.0	117	25.2		7.9		28.2		84.5		5.9		15.2		6						
SR8	Misty	Moderate	11:49	5.4	Surface	1.0	-	-	25.4	25.4	8.0	8.0	17.0	17.0	84.0	84.0	6.3	6.3	3.1	4.0	4	4	820394	811637			
						1.0	-	-	25.4		8.0		17.1		84.0		6.3		3.1		5						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	
						-	-	-	-		-		-		-		-		-		-						
					Bottom	4.4	-	-	25.6	25.7	8.0	8.0	19.4	19.3	84.8	85.0	6.2	6.2	5.0	6.2	5.0				6.2	3	
						4.4	-	-	25.7		8.0		19.2		85.1		6.2		4.8		3						

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 28 May 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	Fine	Moderate	17:51	8.2	Surface	1.0	0.3	41	25.8	25.8	8.1	8.1	20.1	20.1	101.3	101.2	7.4	6.8	3.4	8.7	3	3	815628	804242
						1.0	0.3	47	25.8	8.1	8.1	20.2	20.1	101.0	101.2	7.3	6.8	3.4	8.7	2				
					Middle	4.1	0.3	27	25.1	25.1	8.0	8.0	29.4	29.4	88.6	88.7	6.2	6.2	10.5	2				
						4.1	0.3	32	25.1	25.1	8.0	8.0	29.4	29.4	88.7	88.7	6.2	6.2	10.6	3				
					Bottom	7.2	0.3	36	25.0	25.0	8.0	8.0	30.7	30.7	89.6	89.7	6.2	6.2	12.2	3				
						7.2	0.3	36	25.0	25.0	8.0	8.0	30.7	30.7	89.8	89.7	6.2	6.2	12.2	4				
C2	Fine	Moderate	16:55	11.5	Surface	1.0	0.1	223	25.9	25.9	8.0	8.0	17.3	17.3	102.7	102.7	7.6	6.8	4.7	8.3	3	4	825703	806943
						1.0	0.1	216	25.9	25.9	8.0	8.0	17.3	17.3	102.6	102.7	7.6	6.8	4.7	8.3	4			
					Middle	5.8	0.1	218	25.5	25.5	8.0	8.0	25.2	25.2	83.3	83.3	5.9	6.0	6.4	4				
						5.8	0.1	222	25.5	25.5	8.0	8.0	25.1	25.2	83.3	83.3	5.9	6.0	6.6	3				
					Bottom	10.5	0.1	253	25.4	25.5	7.9	7.9	28.1	28.0	84.4	84.8	5.9	6.0	14.0	4				
						10.5	0.1	253	25.5	25.5	7.9	7.9	28.0	28.0	85.1	84.8	6.0	6.0	13.4	4				
C3	Misty	Moderate	17:46	10.8	Surface	1.0	0.4	272	25.0	25.0	8.0	8.0	23.7	23.7	83.2	83.3	6.0	6.0	4.1	5.3	3	3	822090	817798
						1.0	0.4	272	25.0	25.0	8.0	8.0	23.7	23.7	83.4	83.3	6.0	6.0	4.1	5.3	3			
					Middle	5.4	0.4	273	24.9	24.9	8.0	8.0	26.8	26.8	84.1	84.3	6.0	6.0	5.6	2				
						5.4	0.4	266	24.9	24.9	8.0	8.0	26.9	26.8	84.5	84.3	6.0	6.0	5.5	3				
					Bottom	9.8	0.4	242	25.0	25.0	8.0	8.0	26.8	26.6	85.7	86.1	6.1	6.2	6.3	2				
						9.8	0.4	243	25.0	25.0	8.0	8.0	26.3	26.6	86.5	86.1	6.2	6.2	6.2	3				
IM1	Fine	Moderate	17:39	6.8	Surface	1.0	0.2	19	25.5	25.5	8.0	8.0	21.6	21.5	92.0	90.3	6.7	6.3	5.7	11.1	3	3	818368	806481
						1.0	0.2	22	25.5	25.5	8.0	8.0	21.4	21.5	88.6	90.3	6.4	6.3	5.8	11.1	2			
					Middle	3.4	0.2	357	25.1	25.1	8.0	8.0	29.5	29.4	87.1	87.3	6.1	6.1	13.1	4				
						3.4	0.2	354	25.1	25.1	8.0	8.0	29.4	29.4	87.4	87.3	6.1	6.1	12.9	4				
					Bottom	5.8	0.2	22	25.0	25.0	8.0	8.0	30.5	30.5	88.5	88.6	6.2	6.2	14.8	4				
						5.8	0.2	15	25.0	25.0	8.0	8.0	30.5	30.5	88.6	88.6	6.2	6.2	14.4	4				
IM2	Fine	Moderate	17:33	7.9	Surface	1.0	0.2	279	25.6	25.6	8.0	8.0	23.2	23.2	94.0	94.1	6.7	6.4	6.7	10.3	5	4	819189	806236
						1.0	0.2	283	25.6	25.6	8.0	8.0	23.2	23.2	94.2	94.1	6.8	6.4	7.5	10.3	4			
					Middle	4.0	0.2	309	25.1	25.1	8.0	8.0	29.4	29.4	86.7	86.7	6.1	6.1	10.6	4				
						4.0	0.2	302	25.1	25.1	8.0	8.0	29.4	29.4	86.7	86.7	6.1	6.1	10.6	3				
					Bottom	6.9	0.1	277	25.1	25.1	8.0	8.0	30.1	30.1	89.0	89.1	6.2	6.2	13.3	4				
						6.9	0.2	274	25.1	25.1	8.0	8.0	30.2	30.1	89.2	89.1	6.2	6.2	13.4	3				
IM7	Fine	Moderate	17:13	8.3	Surface	1.0	0.2	241	25.9	25.9	8.0	8.0	20.8	20.8	89.3	89.3	6.5	6.4	4.1	8.7	6	6	821331	806824
						1.0	0.2	241	25.9	25.9	8.0	8.0	20.8	20.8	89.3	89.3	6.5	6.4	4.2	8.7	6			
					Middle	4.2	0.2	262	25.5	25.5	8.0	8.0	23.2	23.2	85.6	85.6	6.2	6.2	7.6	7				
						4.2	0.3	259	25.5	25.5	8.0	8.0	23.2	23.2	85.6	85.6	6.2	6.2	7.6	6				
					Bottom	7.3	0.3	270	25.4	25.4	8.0	8.0	25.9	26.0	85.9	86.0	6.1	6.1	14.3	7				
						7.3	0.3	265	25.4	25.4	8.0	8.0	26.0	26.0	86.0	86.0	6.1	6.1	14.7	6				

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 28 May 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	16:50	9.2	Surface	1.0	0.2	229	25.4	25.4	8.0	8.0	16.3	16.3	86.5	86.4	6.5	6.4	1.1	1.7	4	4	822251	809814				
						1.0	0.2	232	25.4		8.0		16.3		86.3		6.5		1.0		3							
					Middle	4.6	0.2	240	25.4	8.0	16.6	16.6	84.8	84.7	6.3	1.7	4											
						4.6	0.2	241	25.4	8.0	16.6	16.6	84.6	84.7	6.3	1.7	4											
					Bottom	8.2	0.2	252	25.5	25.5	8.0	19.0	18.9	84.4	86.3	6.2	6.4	2.5	4									
						8.2	0.2	249	25.5		8.0	18.9	88.2	6.5	2.4	4												
IM11	Misty	Moderate	16:55	7.0	Surface	1.0	0.3	272	25.3	25.3	8.0	8.0	16.8	16.8	79.7	79.6	6.0	5.9	5.7	6.5	3	3	821516	810522				
						1.0	0.3	276	25.3		8.0		16.9		79.4		5.9		5.6		2							
					Middle	3.5	0.3	277	25.3	8.0	19.8	19.9	79.1	79.2	5.8	6.1	3											
						3.5	0.3	279	25.3	8.0	20.0	79.2	5.8	6.0	3													
					Bottom	6.0	0.3	288	25.3	25.3	8.0	21.9	21.9	80.8	81.6	5.9	6.0	7.9	4									
						6.0	0.3	294	25.3		8.0	21.8	82.3	6.0	7.8	3												
IM12	Misty	Moderate	17:00	7.8	Surface	1.0	0.3	294	25.4	25.4	8.0	8.0	15.4	15.4	85.6	85.2	6.4	6.1	4.2	6.1	4	4	821152	811533				
						1.0	0.4	287	25.4		8.0		15.4		84.7		6.4		4.2		4							
					Middle	3.9	0.3	296	25.3	8.0	19.5	19.2	79.1	79.1	5.8	6.6	4											
						3.9	0.3	290	25.3	8.0	18.9	79.1	5.9	6.5	4													
					Bottom	6.8	0.3	259	25.3	25.3	8.0	21.6	21.6	81.5	81.7	5.9	6.0	7.7	4									
						6.8	0.2	259	25.3		8.0	21.6	81.8	6.0	7.7	4												
SR1A	Misty	Moderate	17:18	4.2	Surface	1.0	-	190	25.6	25.6	8.0	8.0	17.9	18.0	85.9	86.0	6.4	6.4	3.7	4.3	3	3	819976	812665				
						1.0	0.0	191	25.5		8.0		18.0		86.0		6.4		3.8		3							
					Middle	2.1	0.0	207	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						2.1	0.0	200	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
					Bottom	3.2	0.0	184	25.2	25.3	8.0	21.5	21.4	87.0	87.3	6.3	6.4	4.8	3									
						3.2	0.0	187	25.3		8.0	21.3	87.6	6.4	4.8	4												
SR2	Misty	Moderate	17:29	4.8	Surface	1.0	0.1	282	25.4	25.4	8.0	8.0	15.3	15.1	85.6	85.5	6.5	6.5	3.1	3.7	3	4	821457	814151				
						1.0	0.1	276	25.4		8.0		15.0		85.4		6.4		3.1		4							
					Middle	-	0.1	287	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
						-	0.1	287	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
					Bottom	3.8	0.2	292	25.3	25.3	8.0	20.4	20.3	87.6	88.1	6.4	6.5	4.3	4									
						3.8	0.2	287	25.3		8.0	20.2	88.5	6.5	4.2	5												
SR3	Fine	Moderate	17:07	9.2	Surface	1.0	0.2	219	26.1	26.1	8.0	8.0	19.0	19.0	94.2	94.2	6.9	6.5	3.8	9.0	5	3	822170	807552				
						1.0	0.2	223	26.1		8.0		19.0		94.2		6.9		3.9		4							
					Middle	4.6	0.1	230	25.5	8.0	23.8	23.8	83.5	83.6	6.0	8.0	3											
						4.6	0.1	232	25.5	8.0	23.8	83.6	6.0	8.4	3													
					Bottom	8.2	0.1	240	25.4	25.4	8.0	26.1	26.1	84.5	84.6	6.0	6.0	14.7	2									
						8.2	0.2	246	25.4		8.0	26.1	84.6	6.0	15.2	2												
SR4A	Fine	Moderate	18:08	8.8	Surface	1.0	0.0	127	25.8	25.8	8.0	8.0	24.9	24.8	89.9	90.1	6.4	6.3	7.1	12.8	3	3	817195	807792				
						1.0	0.1	132	25.8		8.0		24.6		90.2		6.4		7.0		2							
					Middle	4.4	-	125	25.1	8.0	29.6	29.6	88.1	88.1	6.1	15.6	2											
						4.4	-	121	25.1	8.0	29.6	88.0	6.1	15.7	3													
					Bottom	7.8	0.0	153	25.1	25.1	8.0	29.6	29.6	88.2	88.2	6.2	6.2	15.7	3									
						7.8	0.1	145	25.1		8.0	29.6	88.2	6.2	15.8	3												
SR8	Misty	Moderate	17:05	5.2	Surface	1.0	-	-	25.7	25.7	8.0	8.0	17.2	17.1	84.9	84.9	6.3	6.3	3.5	4.1	4	4	820406	811602				
						1.0	-	-	25.7		8.0		17.1		84.8		6.3		3.4		3							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	
					Bottom	4.2	-	-	26.0	26.0	8.0	19.4	19.4	85.4	85.7	6.2	6.3	4.7	5									
						4.2	-	-	26.0		8.0	19.4	86.0	6.3	4.7	4												

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 31 May 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	Moderate	13:42	8.7	Surface	1.0	0.6	225	26.8	26.8	8.0	8.0	9.6	9.6	94.1	94.1	7.1	6.6	2.9	6.7	4	4	815643	804242	
						1.0	0.7	225	26.8		8.0		9.6		94.0		7.1		2.9		4				
					Middle	4.4	0.7	219	26.0	26.0	8.0	8.0	19.4	19.4	83.7	83.7	6.1	6.1	3.4	3.4	4				3
						4.4	0.6	220	26.0		8.0		19.4		83.6		6.1		3.4		3				
					Bottom	7.7	0.6	229	25.1	25.1	8.0	8.0	27.2	27.2	81.0	81.1	5.7	5.7	13.8	13.7	3				
						7.7	0.6	227	25.1		8.0		27.2		81.1		5.7		13.7		3				
C2	Rainy	Moderate	15:19	10.6	Surface	1.0	0.8	164	26.4	26.4	7.8	7.8	7.5	7.5	82.0	82.1	6.3	5.9	6.6	12.4	4	4	825663	806966	
						1.0	0.8	157	26.4		7.8		7.5		82.1		6.4		6.9		4				
					Middle	5.3	0.8	179	25.7	25.7	7.9	7.9	20.9	20.9	74.0	74.1	5.4	5.4	14.9	14.9	4				
						5.3	0.8	178	25.7		7.9		20.9		74.1		5.4		14.9		4				
					Bottom	9.6	0.8	163	25.7	25.7	7.9	7.9	21.6	21.6	75.1	75.2	5.4	5.4	15.5	15.6	4				
						9.6	0.8	169	25.7		7.9		21.6		75.2		5.4		15.6		4				
C3	Misty	Moderate	12:46	8.6	Surface	1.0	0.5	64	26.7	26.7	7.8	7.8	19.6	19.6	93.6	93.7	6.7	6.7	3.2	4.6	4	5	822126	817823	
						1.0	0.4	70	26.7		7.8		19.6		93.7		6.7		3.2		5				
					Middle	4.3	0.5	68	26.7	26.7	7.8	7.8	19.7	19.8	94.1	94.2	6.7	6.8	4.7	4.7	5				
						4.3	0.4	69	26.7		7.8		19.8		94.2		6.8		4.7		5				
					Bottom	7.6	0.4	80	26.8	26.8	7.8	7.8	19.8	19.8	95.2	95.4	6.8	6.8	6.0	6.1	6				
						7.6	0.4	82	26.8		7.8		19.8		95.5		6.8		6.1		5				
IM1	Rainy	Moderate	14:03	6.3	Surface	1.0	0.4	204	26.7	26.7	8.1	8.1	14.7	14.7	105.7	105.6	7.8	6.9	2.8	5.9	3	4	818358	806474	
						1.0	0.4	207	26.7		8.1		14.7		105.4		7.8		3.0		3				
					Middle	3.2	0.5	180	26.6	25.9	8.1	8.0	14.7	14.7	86.5	83.4	6.4	5.7	4.2	4.8	4				
						3.2	0.5	186	25.2		8.0		14.7		80.2		5.7		4.3		4				
					Bottom	5.3	0.4	192	25.0	25.0	8.0	8.0	27.8	27.8	80.7	80.9	5.7	5.7	10.3	10.5	4				
						5.3	0.4	191	25.0		8.0		27.8		81.1		5.7		10.5		4				
IM2	Rainy	Moderate	14:09	6.5	Surface	1.0	0.6	216	26.2	26.2	8.0	8.0	18.2	18.8	91.5	91.5	6.6	6.2	2.7	7.7	7	5	819179	806212	
						1.0	0.6	217	26.2		8.0		19.4		91.5		6.6		2.7		6				
					Middle	3.3	0.6	208	25.4	25.4	8.0	8.0	23.5	23.5	80.3	80.3	5.8	5.8	7.7	8.3	5				
						3.3	0.6	211	25.3		8.0		23.6		80.3		5.8		8.3		4				
					Bottom	5.5	0.6	194	25.0	25.0	8.0	8.0	27.7	27.7	81.9	82.0	5.8	5.8	12.5	12.5	4				
						5.5	0.7	193	25.0		8.0		27.7		82.1		5.8		12.5		3				
IM7	Rainy	Moderate	14:48	7.9	Surface	1.0	0.5	217	27.0	27.0	8.0	8.0	12.8	12.8	99.5	99.5	7.4	7.1	2.9	5.8	3	3	821354	806841	
						1.0	0.5	214	27.0		8.0		12.8		99.5		7.4		2.9		4				
					Middle	4.0	0.4	226	26.8	26.8	8.0	8.0	15.0	15.0	93.4	93.2	6.9	6.8	2.9	2.9	4				
						4.0	0.5	221	26.8		8.0		15.0		93.0		6.8		2.9		3				
					Bottom	6.9	0.4	243	26.0	26.0	7.9	7.9	20.0	20.0	77.7	77.7	5.6	5.6	11.6	11.6	3				
						6.9	0.4	241	26.0		7.9		20.0		77.7		5.6		11.6		3				

DA: Depth-Averaged

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

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 31 May 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	13:56	8.0	Surface	1.0	0.7	120	26.7	26.7	7.9	7.9	17.3	17.3	95.2	95.0	6.9	6.5	5.1	6.4	5	4	822251	809833				
						1.0	0.8	122	26.6	26.7	7.9	7.9	17.3	17.3	94.8	95.0	6.9	6.5	5.0	6.4	4							
					Middle	4.0	0.7	132	26.3	26.3	7.9	7.9	20.6	20.3	84.4	84.4	6.1	6.1	6.2	6.4	4				4			
						4.0	0.8	136	26.3	26.3	7.9	7.9	19.9	20.3	84.3	84.4	6.0	6.1	6.2	6.4	4				4			
					Bottom	7.0	0.7	101	26.3	26.3	7.9	7.9	22.2	22.2	85.6	85.8	6.1	6.1	7.9	6.1	3				4			
						7.0	0.7	99	26.3	26.3	7.9	7.9	22.1	22.2	85.9	85.8	6.1	6.1	7.9	6.1	4				4			
IM11	Misty	Moderate	13:48	8.2	Surface	1.0	0.7	95	26.6	26.6	7.9	7.9	19.3	19.3	88.3	88.3	6.4	6.4	6.2	7.3	3	4	821514	810548				
						1.0	0.7	97	26.6	26.6	7.9	7.9	19.3	19.3	88.2	88.3	6.4	6.4	6.3	7.3	4							
					Middle	4.1	0.7	99	26.6	26.6	7.9	7.9	19.4	19.4	87.0	87.0	6.3	6.3	7.1	6.4	3				4			
						4.1	0.7	101	26.6	26.6	7.9	7.9	19.4	19.4	86.9	87.0	6.3	6.3	7.2	6.4	4				4			
					Bottom	7.2	0.8	113	26.3	26.3	7.9	7.9	21.2	21.2	88.3	89.2	6.3	6.4	8.6	6.4	5				4			
						7.2	0.8	113	26.2	26.3	7.9	7.9	21.2	21.2	90.0	89.2	6.5	6.4	8.5	6.4	5				4			
IM12	Misty	Moderate	13:41	9.4	Surface	1.0	0.8	96	26.6	26.6	7.9	7.9	18.7	18.8	92.6	92.2	6.7	6.5	5.5	6.5	5	4	821145	811499				
						1.0	0.8	102	26.6	26.6	7.9	7.9	18.9	18.8	91.7	92.2	6.6	6.5	5.5	6.5	4							
					Middle	4.7	0.8	84	26.5	26.5	7.9	7.9	19.7	19.8	86.9	86.9	6.3	6.3	6.1	6.5	4				4			
						4.7	0.8	77	26.4	26.5	7.9	7.9	19.9	19.8	86.8	86.9	6.2	6.3	6.2	6.5	5				4			
					Bottom	8.4	0.9	123	26.4	26.4	7.9	7.9	21.5	21.5	87.1	87.4	6.2	6.3	7.7	6.3	4				4			
						8.4	0.8	120	26.4	26.4	7.9	7.9	21.4	21.5	87.7	87.4	6.3	6.3	7.8	6.3	4				4			
SR1A	Misty	Moderate	13:27	5.2	Surface	1.0	0.0	84	26.9	26.9	8.0	8.0	18.4	18.4	98.6	98.8	7.1	7.1	4.8	7.1	5	5	819977	812663				
						1.0	0.0	91	26.9	26.9	8.0	8.0	18.5	18.4	98.9	98.8	7.1	7.1	4.9	7.1	4							
					Middle	2.6	-	116	-	-	-	-	-	-	-	-	-	-	-	-	-				-	4.9	-	5
						2.6	0.0	109	-	-	-	-	-	-	-	-	-	-	-	-	-				-	4.9	-	5
					Bottom	4.2	0.0	118	26.9	26.9	8.0	8.0	19.0	19.0	100.5	100.7	7.2	7.2	5.0	7.2	5				7.2	5	4	
						4.2	0.1	123	26.9	26.9	8.0	8.0	19.0	19.0	100.9	100.7	7.2	7.2	5.0	7.2	6				7.2	6	4	
SR2	Misty	Moderate	13:02	4.8	Surface	1.0	0.7	51	26.8	26.8	7.8	7.8	19.4	19.5	93.8	93.9	6.7	6.7	3.4	6.7	5	5	821471	814172				
						1.0	0.7	48	26.8	26.8	7.8	7.8	19.5	19.5	93.9	93.9	6.7	6.7	3.3	6.7	5							
					Middle	-	0.7	50	-	-	-	-	-	-	-	-	-	-	-	-	-				-	4.1	-	5
						-	0.7	47	-	-	-	-	-	-	-	-	-	-	-	-	-				-	4.1	-	5
					Bottom	3.8	0.6	60	26.8	26.8	7.8	7.8	19.6	19.6	94.9	95.1	6.8	6.8	4.8	6.8	4				6.8	4	4	
						3.8	0.6	57	26.8	26.8	7.8	7.8	19.6	19.6	95.2	95.1	6.8	6.8	4.7	6.8	5				6.8	5	4	
SR3	Rainy	Moderate	14:58	8.4	Surface	1.0	0.8	155	26.6	26.6	7.9	7.9	11.0	11.0	85.7	85.7	6.5	6.2	4.3	6.2	4	4	822159	807584				
						1.0	0.8	157	26.6	26.6	7.9	7.9	11.0	11.0	85.7	85.7	6.5	6.2	4.3	6.2	4							
					Middle	4.2	0.8	159	26.2	26.2	7.9	7.9	18.1	18.1	78.9	78.9	5.8	5.8	4.6	5.8	4				5.8	4		
						4.2	0.8	155	26.2	26.2	7.9	7.9	18.1	18.1	78.9	78.9	5.8	5.8	4.6	5.8	4				5.8	4		
					Bottom	7.4	0.8	141	26.1	26.1	7.9	7.9	18.8	18.7	79.5	79.6	5.8	5.8	9.0	5.8	4				5.8	4		
						7.4	0.8	145	26.1	26.1	7.9	7.9	18.7	18.7	79.7	79.6	5.8	5.8	8.0	5.8	4				5.8	4		
SR4A	Rainy	Moderate	13:16	8.6	Surface	1.0	0.0	69	26.2	26.3	8.0	8.0	17.9	17.9	85.3	85.3	6.2	5.9	5.5	10.0	6	6	817210	807824				
						1.0	0.1	63	26.3	26.3	8.0	8.0	17.9	17.9	85.3	85.3	6.2	5.9	5.6	10.0	6							
					Middle	4.3	-	60	25.1	25.1	8.0	8.0	27.0	27.0	78.7	78.8	5.6	5.7	11.8	5.7	6				6			
						4.3	0.1	66	25.1	25.1	8.0	8.0	27.0	27.0	78.8	78.8	5.6	5.7	11.9	5.7	6				6			
					Bottom	7.6	0.0	59	25.0	25.0	8.0	8.0	27.3	27.3	79.9	80.0	5.7	5.7	12.7	5.7	6				5.7	6		
						7.6	0.0	65	25.0	25.0	8.0	8.0	27.3	27.3	80.0	80.0	5.7	5.7	12.7	5.7	7				5.7	6		
SR8	Misty	Moderate	13:36	5.0	Surface	1.0	-	-	27.1	27.1	8.0	8.0	16.6	16.6	102.2	102.3	7.4	7.4	2.1	7.4	3	4	820400	811617				
						1.0	-	-	27.1	27.1	8.0	8.0	16.6	16.6	102.3	102.3	7.4	7.4	2.2	7.4	4							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	3.1	-	4
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	3.1	-	4
					Bottom	4.0	-	-	27.1	27.1	8.0	8.0	16.6	16.6	103.0	103.2	7.5	7.5	4.0	7.5	5				7.5	5	4	
						4.0	-	-	27.1	27.1	8.0	8.0	16.6	16.6	103.4	103.2	7.5	7.5	4.0	7.5	5				7.5	5	4	

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

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

Water Quality Monitoring

Water Quality Monitoring Results on 31 May 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	Fine	Moderate	20:08	8.4	Surface	1.0	0.4	51	26.5	26.5	8.0	8.0	18.0	17.9	87.6	87.6	6.4	6.1	6.1	8.7	9	8	815631	804245
						1.0	0.4	45	26.5		8.0		87.5		6.4									
					Middle	4.2	0.3	27	25.9	25.9	7.9	7.9	21.1	21.1	78.7	78.7	5.7	9.8	7					
						4.2	0.3	33	25.9		7.9		21.1		78.7		5.7							
					Bottom	7.4	0.4	27	25.5	25.5	7.9	7.9	24.7	24.7	79.8	79.9	5.7	10.2	6					
						7.4	0.3	30	25.5		7.9		24.8		80.0		5.7			10.3	7			
C2	Fine	Moderate	19:00	10.8	Surface	1.0	0.1	183	26.3	26.4	7.8	7.8	7.2	7.2	81.0	81.1	6.3	6.2	6.4	11.8	6	825687	806968	
						1.0	0.1	184	26.4		7.8		7.2		81.1		6.3							
					Middle	5.4	0.1	191	25.8	25.8	7.9	7.9	20.9	20.9	74.0	74.1	5.4	13.5	6					
						5.4	0.1	198	25.8		7.9		20.9		74.1		5.4			13.4	6			
					Bottom	9.8	0.2	212	25.7	25.7	7.9	7.9	22.0	22.2	74.5	74.6	5.4	15.9	6					
						9.8	0.2	209	25.7		7.9		22.4		74.6		5.4			15.3	6			
C3	Misty	Moderate	20:54	10.6	Surface	1.0	0.4	271	26.5	26.6	8.0	8.0	23.9	23.8	92.1	92.5	6.5	2.0	2.1	3.2	4	822105	817784	
						1.0	0.5	267	26.6		8.0		23.8		92.8		6.6							
					Middle	5.3	0.4	271	26.5	26.5	8.0	8.0	22.2	22.3	96.9	97.0	6.9	3.1	3					
						5.3	0.4	272	26.5		8.0		22.4		97.1		6.9			3.2	4			
					Bottom	9.6	0.5	259	26.4	26.5	8.0	8.0	22.7	22.7	98.5	99.1	7.0	4.3	3					
						9.6	0.5	259	26.5		8.0		22.6		99.7		7.1			4.3	3			
IM1	Fine	Moderate	19:48	6.4	Surface	1.0	0.3	23	26.2	26.2	8.0	8.0	19.5	19.5	91.4	91.3	6.6	3.3	3.3	6.5	4	818358	806455	
						1.0	0.3	18	26.2		8.0		19.5		91.1		6.6							
					Middle	3.2	0.2	9	25.5	25.5	8.0	8.0	25.2	25.2	80.6	80.6	5.7	5.6	4					
						3.2	0.2	13	25.5		8.0		25.2		80.6		5.7			5.6	3			
					Bottom	5.4	0.3	4	25.0	25.0	8.0	8.0	28.1	28.1	79.5	79.7	5.6	10.6	3					
						5.4	0.2	4	25.0		8.0		28.1		79.8		5.6			10.7	4			
IM2	Fine	Moderate	19:43	6.5	Surface	1.0	0.2	336	26.4	26.4	8.0	8.0	19.3	19.2	95.3	95.5	6.9	2.2	2.2	8.1	6	819161	806224	
						1.0	0.2	339	26.4		8.0		19.1		95.6		6.9							
					Middle	3.3	0.3	327	25.3	25.3	8.0	8.0	25.8	25.8	79.0	79.0	5.6	7.3	6					
						3.3	0.3	332	25.3		8.0		25.8		79.0		5.6			7.7	6			
					Bottom	5.5	0.3	320	25.0	25.0	8.0	8.0	27.7	27.7	78.6	78.7	5.6	14.8	5					
						5.5	0.3	322	25.0		8.0		27.7		78.7		5.6			14.0	4			
IM7	Fine	Moderate	19:21	7.6	Surface	1.0	0.2	260	26.4	26.4	7.9	7.9	9.7	9.7	85.9	85.9	6.6	7.1	7.1	9.5	6	821340	806829	
						1.0	0.3	261	26.4		7.9		9.7		85.9		6.6							
					Middle	3.8	0.2	257	26.4	26.4	7.9	7.9	12.2	12.0	86.5	86.6	6.5	9.0	7					
						3.8	0.2	260	26.4		7.9		11.8		86.7		6.6			9.4	6			
					Bottom	6.6	0.2	255	26.7	26.7	7.9	7.9	13.9	13.9	87.7	87.7	6.5	12.2	7					
						6.6	0.2	256	26.7		7.9		13.9		87.7		6.5			12.2	6			

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

Water Quality Monitoring

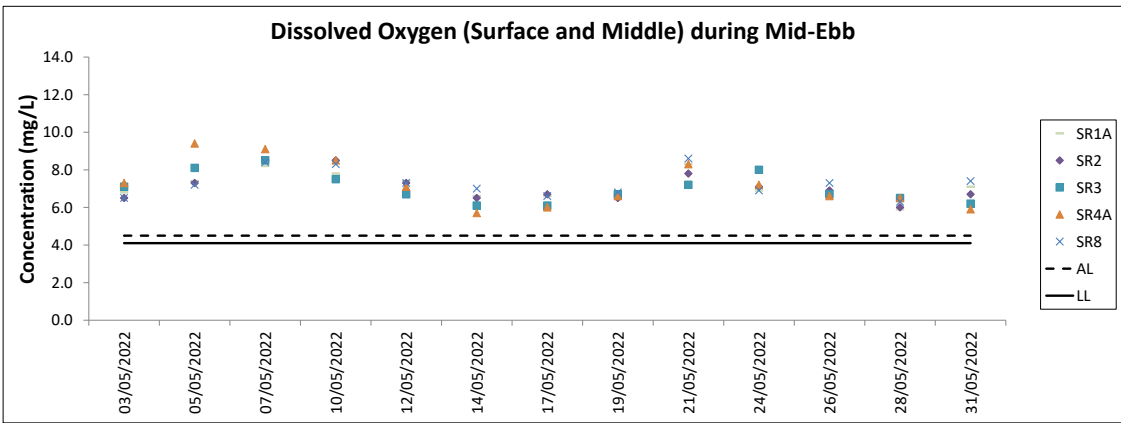
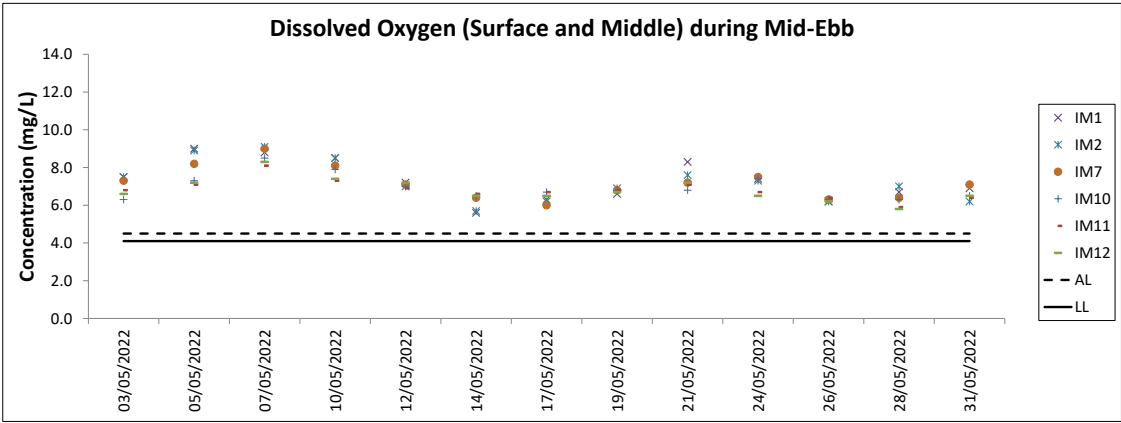
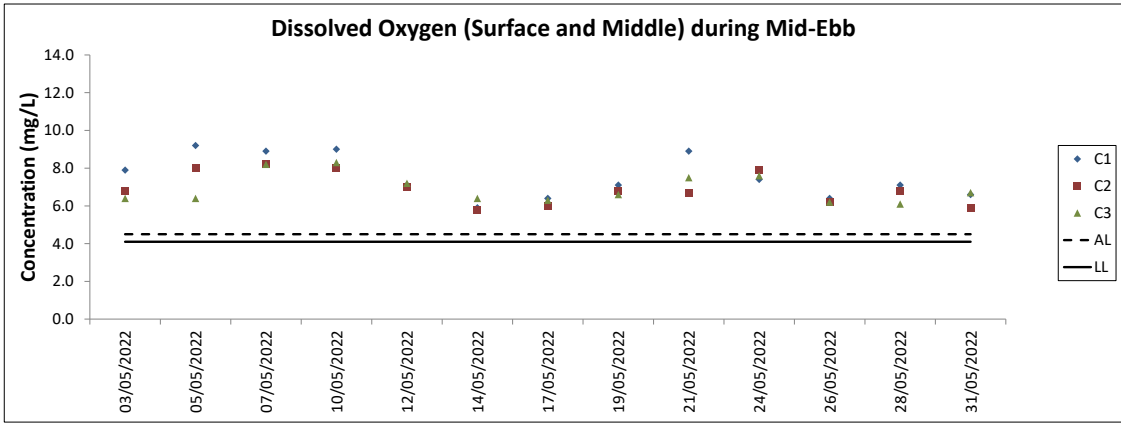
Water Quality Monitoring Results on 31 May 22 during Mid-Flood Tide

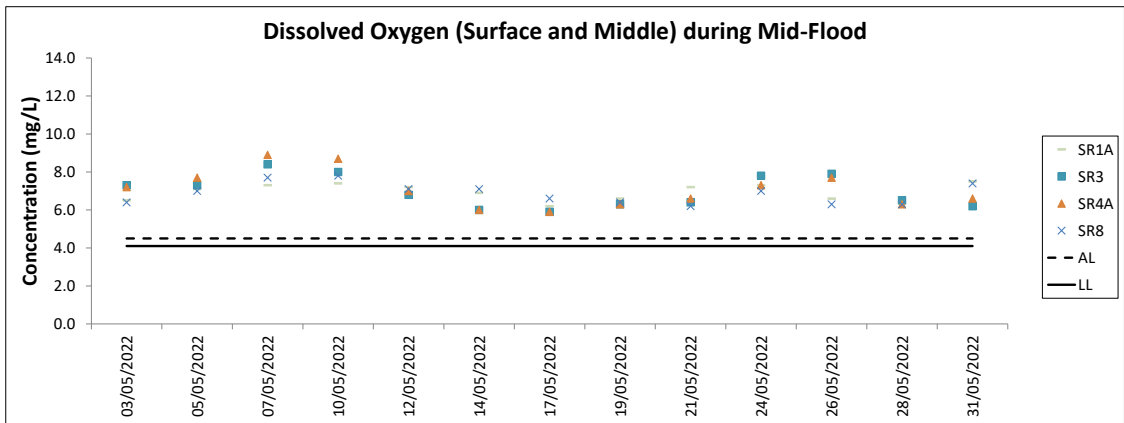
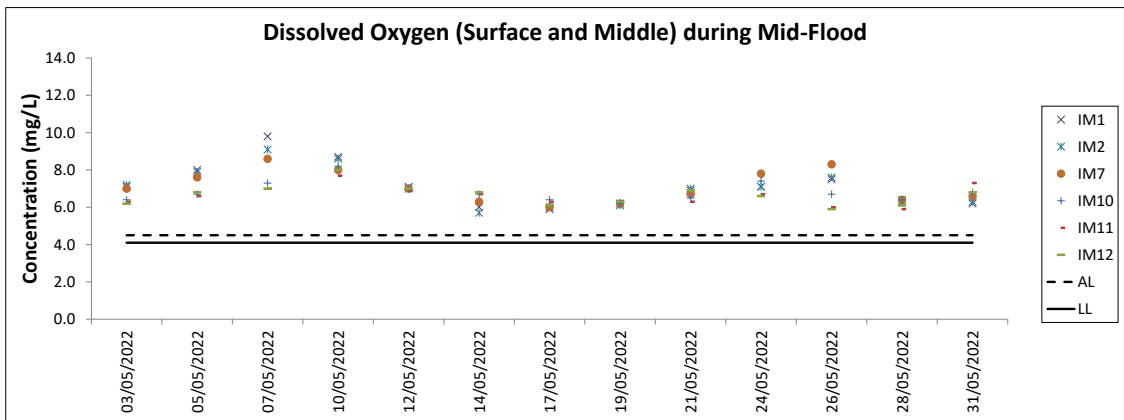
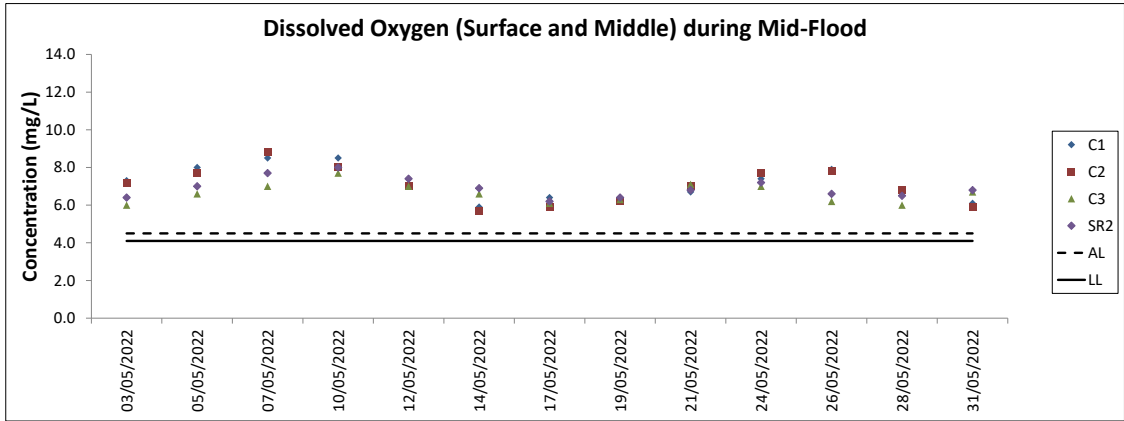
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA					
IM10	Misty	Moderate	19:43	9.0	Surface	1.0	0.3	276	26.8	26.8	8.0	8.0	13.0	12.8	92.3	92.3	6.9	6.8	2.1	3.2	4	5	822227	809860			
						1.0	0.3	282	26.8		8.0	8.0	12.6	12.8	92.2	92.3	6.9		2.1		5						
					Middle	4.5	0.3	278	26.7	26.7	8.0	8.0	17.3	17.3	91.5	91.6	6.7	6.7	3.1	6.7	5				6.7	4	
						4.5	0.2	282	26.7		8.0	8.0	17.3	17.3	91.6	91.6	6.7		3.2		4						
					Bottom	8.0	0.2	264	26.7	26.7	8.0	8.0	17.3	17.3	91.8	92.0	6.7	6.7	4.4	6.7	4				6.7	4	
						8.0	0.3	265	26.7		8.0	8.0	17.2	17.3	92.1	92.0	6.7		4.4		5						
IM11	Misty	Moderate	19:50	7.2	Surface	1.0	0.4	282	27.0	27.0	8.0	8.0	9.0	9.1	102.0	101.9	7.7	7.3	2.1	3.3	5	4	821495	810568			
						1.0	0.4	284	27.0		8.0	8.0	9.1	9.1	101.8	101.9	7.7		2.1		4						
					Middle	3.6	0.4	286	26.9	26.9	8.0	8.0	16.7	16.8	94.3	94.3	6.9	6.8	3.1	6.8	4				6.8	4	
						3.6	0.4	280	26.8		8.0	8.0	16.9	16.8	94.2	94.3	6.8		3.1		4						
					Bottom	6.2	0.4	291	26.8	26.8	8.0	8.0	18.4	18.3	94.3	94.4	6.8	6.8	4.9	6.8	4				6.8	4	
						6.2	0.3	286	26.8		8.0	8.0	18.3	18.3	94.4	94.4	6.8		4.9		3						
IM12	Misty	Moderate	19:56	7.6	Surface	1.0	0.4	271	26.7	26.7	7.9	7.9	15.1	15.1	96.9	96.9	7.1	6.8	5.1	6.2	3	4	821146	811530			
						1.0	0.3	268	26.7		7.9	7.9	15.1	15.1	96.9	96.9	7.1		5.1		4						
					Middle	3.8	0.4	276	26.7	26.7	7.9	7.9	18.5	18.5	90.9	90.8	6.6	6.5	6.4	6.5	4				6.5	4	
						3.8	0.4	277	26.7		7.9	7.9	18.6	18.5	90.7	90.8	6.5		6.5		3						
					Bottom	6.6	0.4	282	26.7	26.7	7.9	7.9	19.7	19.6	91.9	92.8	6.6	6.7	7.0	6.7	4				6.7	4	
						6.6	0.3	284	26.7		7.9	7.9	19.4	19.6	93.6	92.8	6.7		7.1		4						
SR1A	Misty	Moderate	20:22	4.4	Surface	1.0	0.0	210	27.1	27.1	8.0	8.0	15.5	15.5	103.5	103.4	7.5	7.5	2.3	3.2	4	5	819977	812659			
						1.0	0.1	204	27.1		8.0	8.0	15.5	15.5	103.2	103.4	7.5		2.4		5						
					Middle	2.2	0.1	183	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						2.2	0.1	188	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	3.4	0.1	214	27.0	27.0	8.0	8.0	17.9	17.9	104.1	104.4	7.5	7.6	3.9	7.6	4				7.6	4	
						3.4	0.1	219	27.0		8.0	8.0	17.9	17.9	104.7	104.4	7.6		4.0		5						
SR2	Misty	Moderate	20:35	4.2	Surface	1.0	0.1	265	26.7	26.7	7.9	7.9	17.9	18.0	93.1	93.2	6.8	6.8	5.0	5.6	3	4	821457	814176			
						1.0	0.2	260	26.7		7.9	7.9	18.1	18.0	93.3	93.2	6.8		5.1		4						
					Middle	-	0.1	251	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						-	0.1	249	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	3.2	0.1	250	26.6	26.6	7.9	7.9	19.4	19.4	95.2	95.6	6.9	6.9	6.1	6.9	4				6.9	4	
						3.2	0.1	252	26.6		7.9	7.9	19.4	19.4	95.9	95.6	6.9		6.1		5						
SR3	Fine	Moderate	19:12	8.6	Surface	1.0	0.2	195	26.5	26.5	7.9	7.9	7.1	7.1	85.2	85.2	6.6	6.2	4.4	6.3	6	5	822140	807592			
						1.0	0.2	195	26.5		7.9	7.9	7.1	7.1	85.2	85.2	6.6		4.2		6						
					Middle	4.3	0.2	201	26.1	26.1	7.9	7.9	18.3	18.3	78.8	78.9	5.8	5.8	6.3	5.8	5				5.8	5	
						4.3	0.1	194	26.1		7.9	7.9	18.3	18.3	78.9	78.9	5.8		6.5		5						
					Bottom	7.6	0.2	177	26.1	26.1	7.9	7.9	18.5	18.5	81.0	81.1	5.9	5.9	8.2	5.9	5				5.9	5	
						7.6	0.2	170	26.1		7.9	7.9	18.5	18.5	81.1	81.1	5.9		8.3		5						
SR4A	Fine	Moderate	20:30	8.6	Surface	1.0	0.0	135	26.7	26.7	8.0	8.0	18.6	18.6	91.9	91.8	6.6	6.6	13.6	15.0	13	13	817200	807809			
						1.0	0.0	138	26.7		8.0	8.0	18.7	18.6	91.7	91.8	6.6		13.6		12						
					Middle	4.3	0.0	152	26.6	26.6	8.0	8.0	19.2	19.2	89.5	89.5	6.5	6.5	15.2	6.5	13				6.5	13	
						4.3	0.0	149	26.5		8.0	8.0	19.2	19.2	89.5	89.5	6.5		15.2		13						
					Bottom	7.6	0.0	144	26.5	26.5	8.0	8.0	19.2	19.2	89.8	89.9	6.5	6.5	16.3	6.5	13				6.5	13	
						7.6	0.0	137	26.5		8.0	8.0	19.2	19.2	89.9	89.9	6.5		16.2		13						
SR8	Misty	Moderate	20:00	5.0	Surface	1.0	-	-	27.1	27.1	7.9	7.9	15.6	15.6	101.6	101.0	7.4	7.4	4.1	4.8	5	5	820393	811641			
						1.0	-	-	27.1		7.9	7.9	15.7	15.6	100.4	101.0	7.3		4.1		5						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-
						-	-	-	-		-	-	-	-	-	-	-	-	-	-	-				-	-	-
					Bottom	4.0	-	-	27.0	27.0	7.9	7.9	17.6	17.8	91.8	91.5	6.6	6.6	5.6	6.6	5				6.6	5	
						4.0	-	-	26.9		7.9	7.9	18.0	17.8	91.2	91.5	6.5		5.5		5						

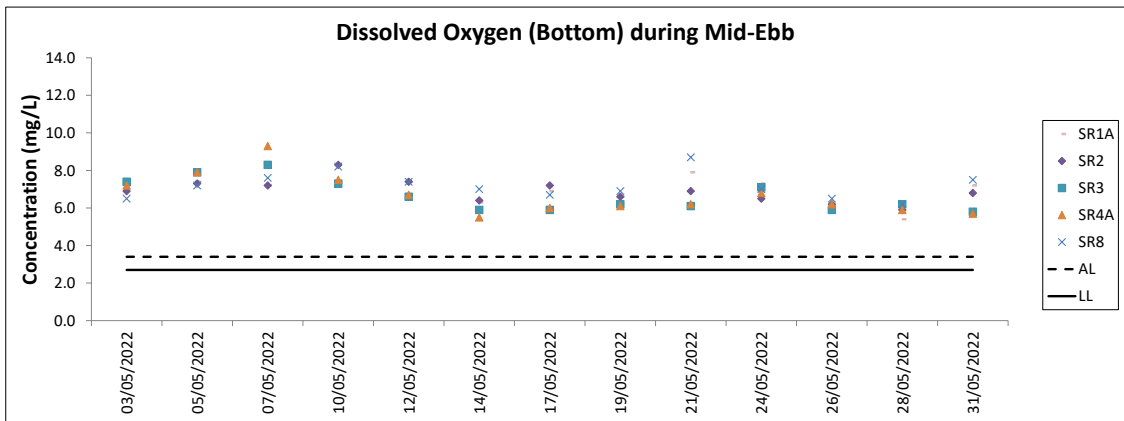
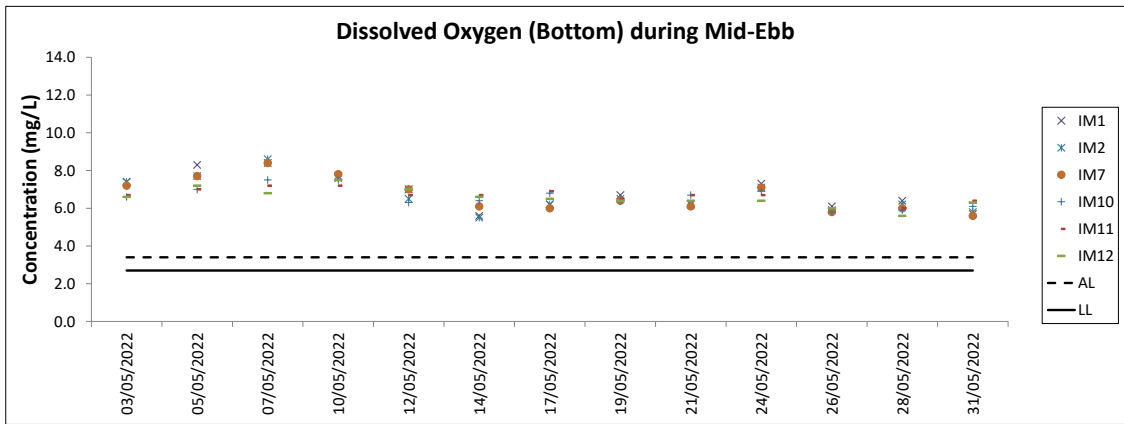
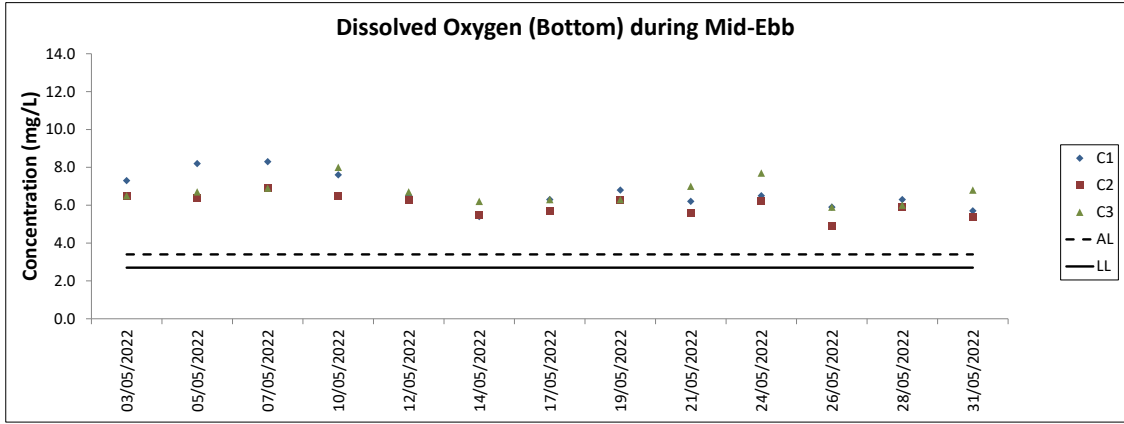
DA: Depth-Averaged

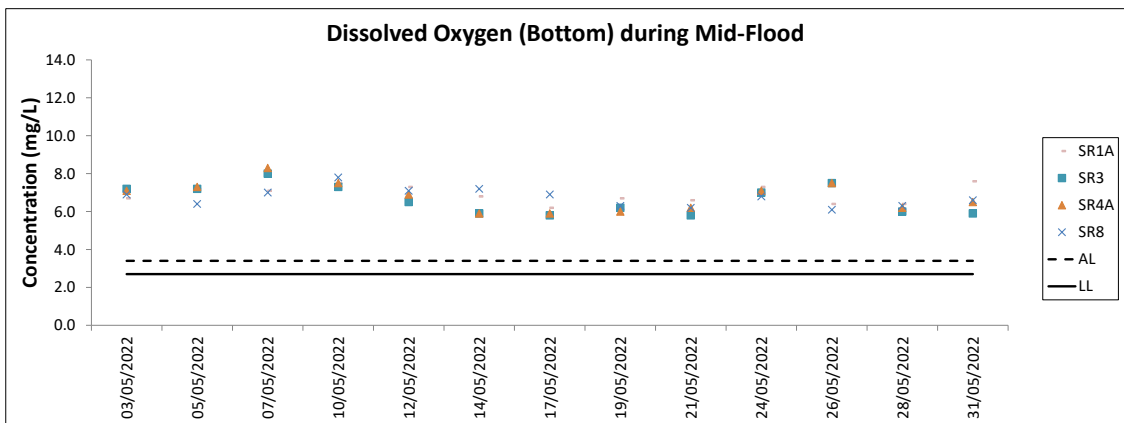
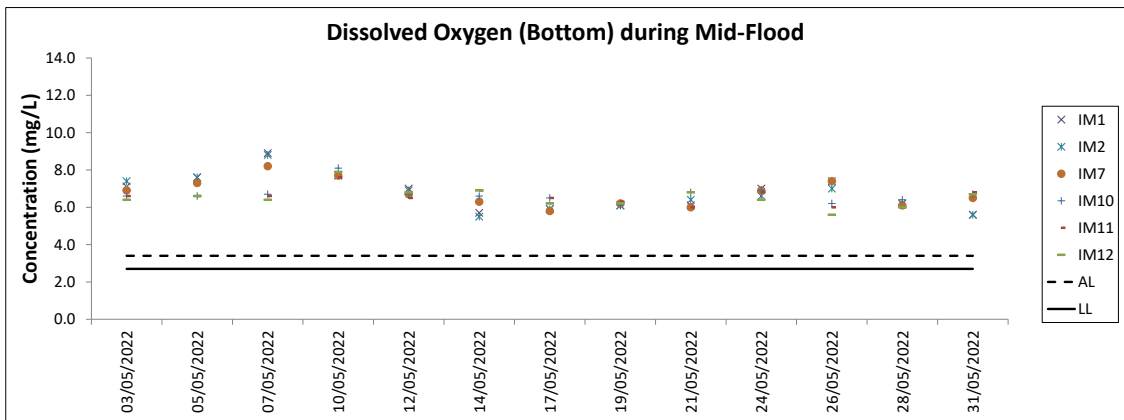
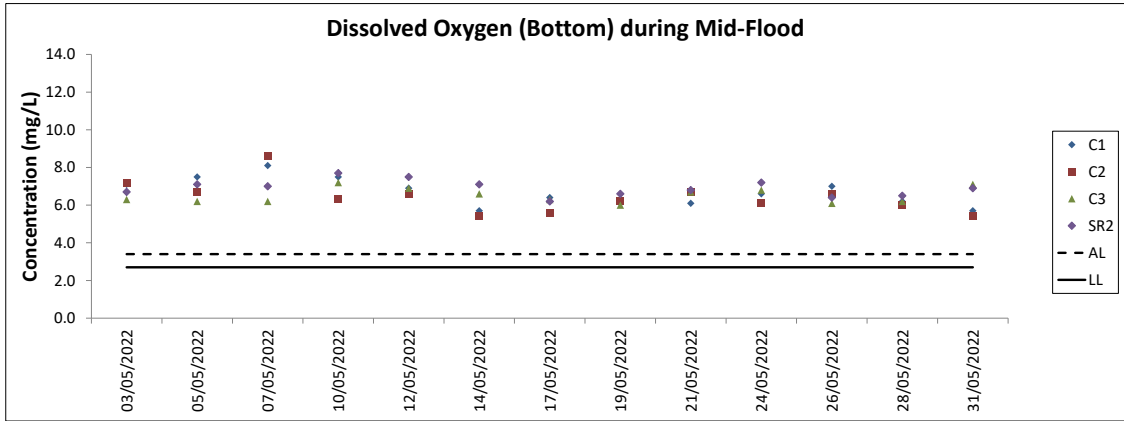
Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher

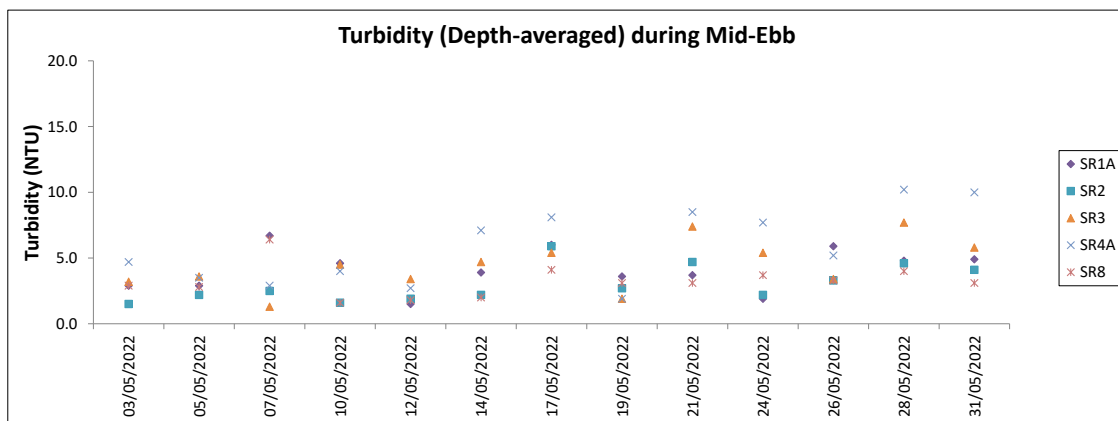
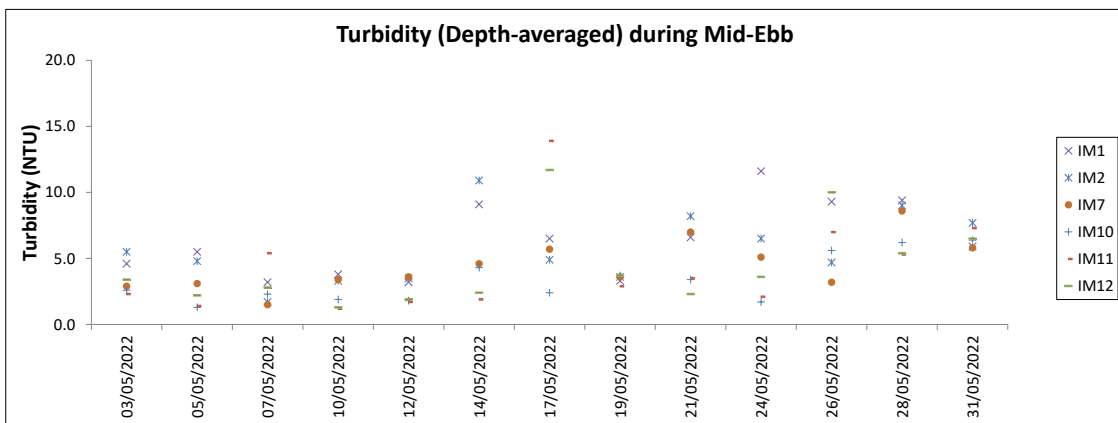
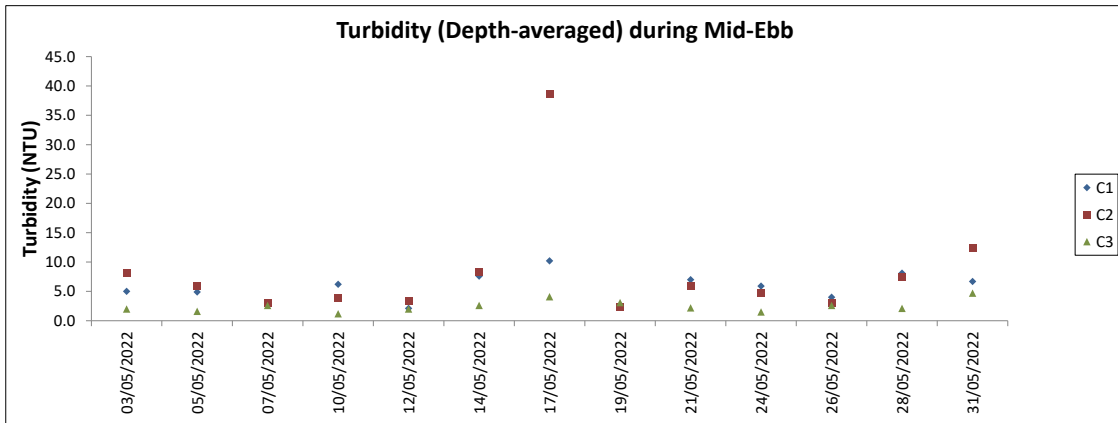
Value exceeding Action Level is underlined; Value exceeding Limit Level is bolded and underlined



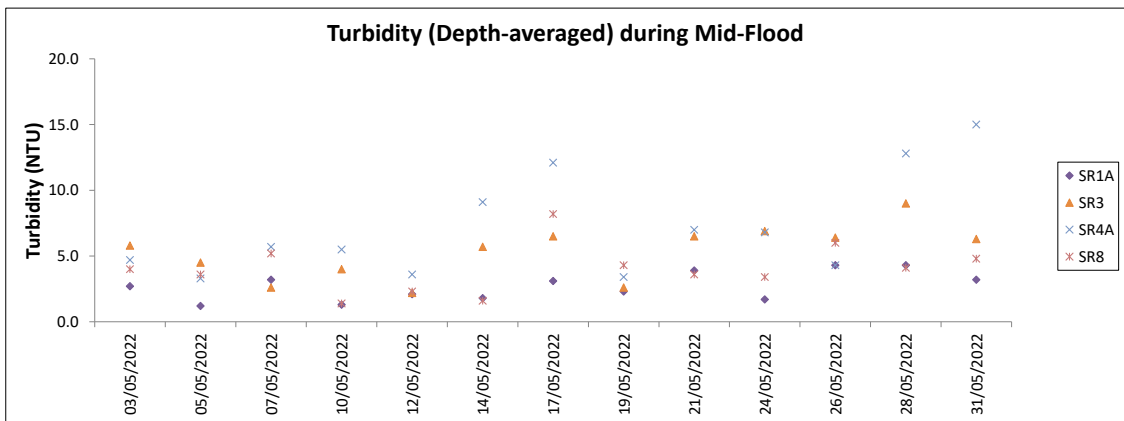
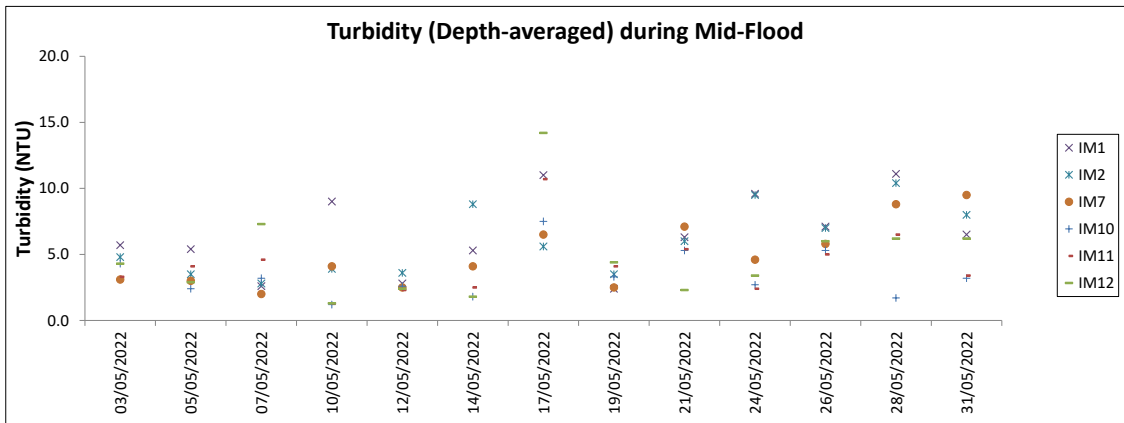
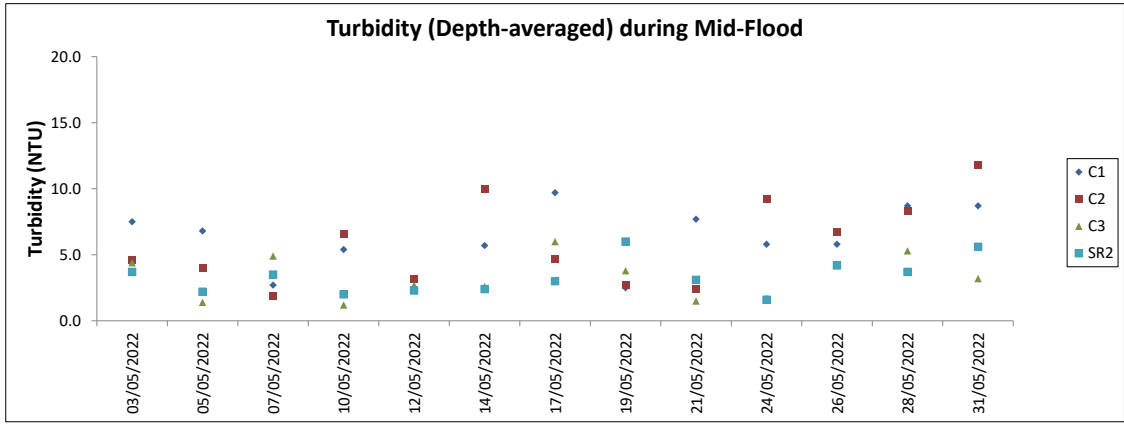




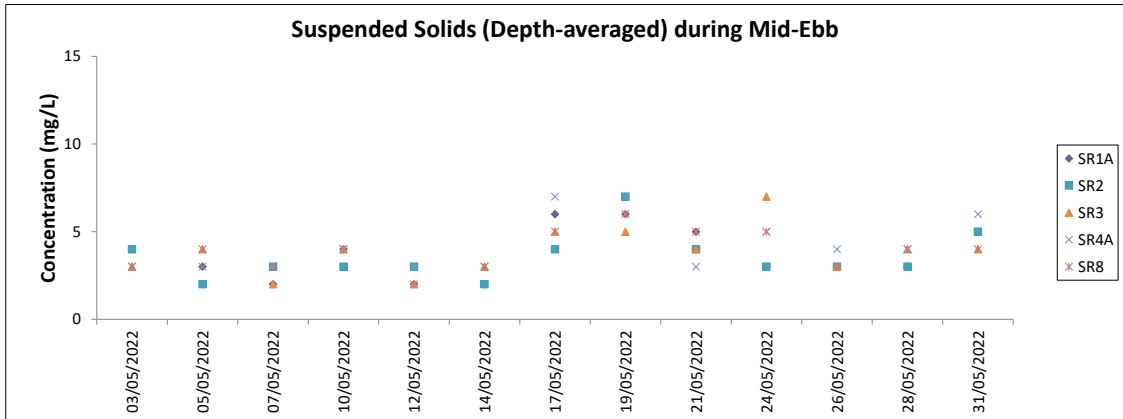
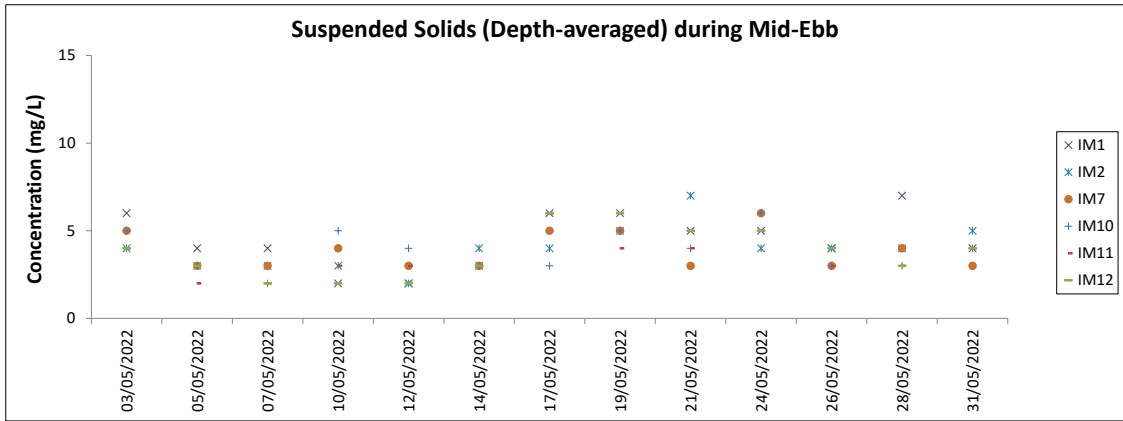
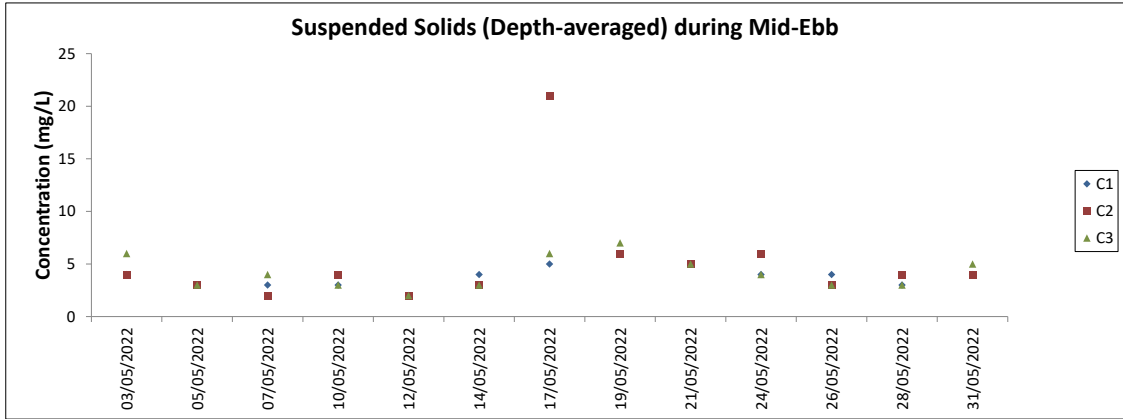




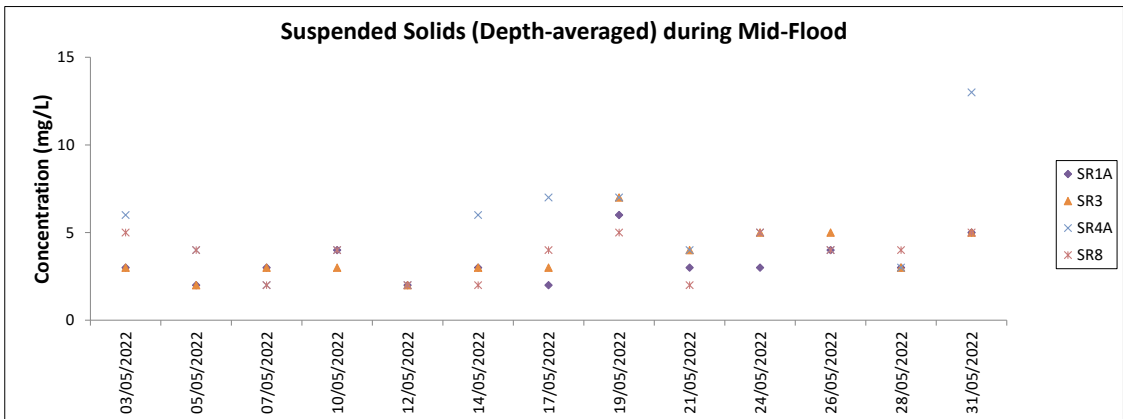
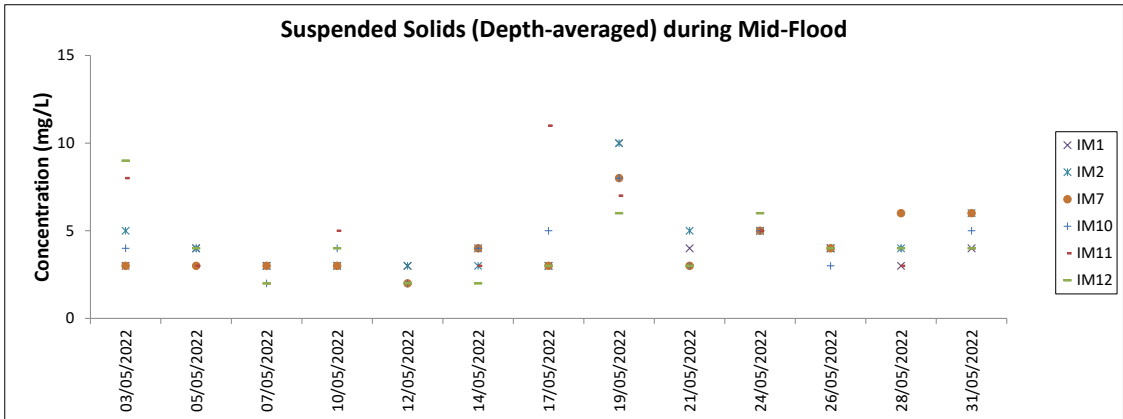
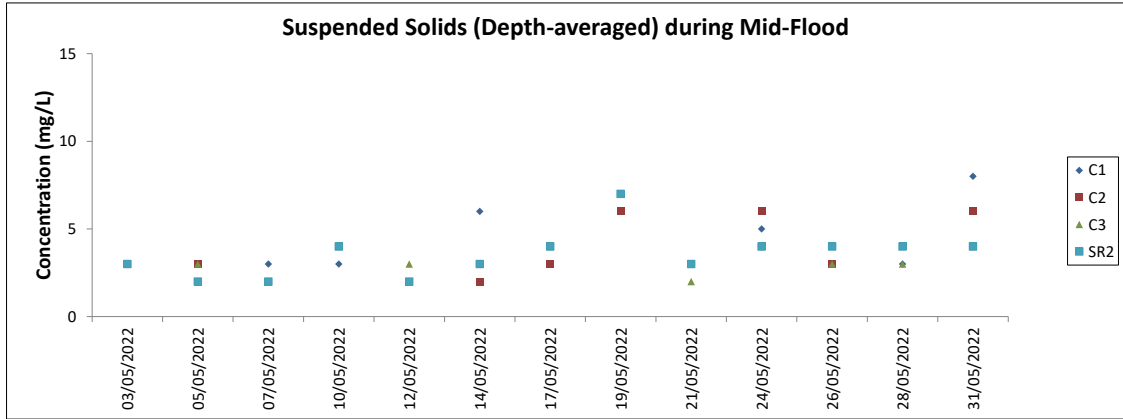
Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.



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



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



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

Chinese White Dolphin Monitoring Results

CWD Small Vessel Line-transect Survey

Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
7-Mar-22	NEL	2	14.130	SPRING	32166	3RS ET	P
7-Mar-22	NEL	3	19.300	SPRING	32166	3RS ET	P
7-Mar-22	NEL	2	4.270	SPRING	32166	3RS ET	S
7-Mar-22	NEL	3	6.300	SPRING	32166	3RS ET	S
8-Mar-22	NWL	2	32.300	SPRING	32166	3RS ET	P
8-Mar-22	NWL	3	23.320	SPRING	32166	3RS ET	P
8-Mar-22	NWL	2	6.840	SPRING	32166	3RS ET	S
8-Mar-22	NWL	3	3.140	SPRING	32166	3RS ET	S
11-Mar-22	AW	2	1.170	SPRING	32166	3RS ET	P
11-Mar-22	AW	3	3.550	SPRING	32166	3RS ET	P
11-Mar-22	WL	2	14.610	SPRING	32166	3RS ET	P
11-Mar-22	WL	3	3.830	SPRING	32166	3RS ET	P
11-Mar-22	WL	2	9.470	SPRING	32166	3RS ET	S
14-Mar-22	SWL	2	24.960	SPRING	32166	3RS ET	P
14-Mar-22	SWL	3	29.540	SPRING	32166	3RS ET	P
14-Mar-22	SWL	2	4.000	SPRING	32166	3RS ET	S
14-Mar-22	SWL	3	8.950	SPRING	32166	3RS ET	S
15-Mar-22	AW	1	4.900	SPRING	32166	3RS ET	P
15-Mar-22	WL	2	10.915	SPRING	32166	3RS ET	P
15-Mar-22	WL	3	6.986	SPRING	32166	3RS ET	P
15-Mar-22	WL	2	5.325	SPRING	32166	3RS ET	S
15-Mar-22	WL	3	3.640	SPRING	32166	3RS ET	S
16-Mar-22	NEL	2	28.140	SPRING	32166	3RS ET	P
16-Mar-22	NEL	3	8.300	SPRING	32166	3RS ET	P
16-Mar-22	NEL	2	9.000	SPRING	32166	3RS ET	S
16-Mar-22	NEL	3	1.160	SPRING	32166	3RS ET	S
18-Mar-22	SWL	1	6.271	SPRING	32166	3RS ET	P
18-Mar-22	SWL	2	41.900	SPRING	32166	3RS ET	P
18-Mar-22	SWL	3	6.190	SPRING	32166	3RS ET	P
18-Mar-22	SWL	1	0.890	SPRING	32166	3RS ET	S
18-Mar-22	SWL	2	12.000	SPRING	32166	3RS ET	S
18-Mar-22	SWL	3	1.940	SPRING	32166	3RS ET	S
21-Mar-22	NWL	2	18.260	SPRING	32166	3RS ET	P
21-Mar-22	NWL	3	45.540	SPRING	32166	3RS ET	P
21-Mar-22	NWL	2	1.100	SPRING	32166	3RS ET	S
21-Mar-22	NWL	3	10.500	SPRING	32166	3RS ET	S
06-Apr-22	SWL	2	23.067	SPRING	32166	3RS ET	P
06-Apr-22	SWL	3	31.346	SPRING	32166	3RS ET	P
06-Apr-22	SWL	2	9.583	SPRING	32166	3RS ET	S
06-Apr-22	SWL	3	6.754	SPRING	32166	3RS ET	S
07-Apr-22	NWL	2	57.470	SPRING	32166	3RS ET	P
07-Apr-22	NWL	3	6.100	SPRING	32166	3RS ET	P
07-Apr-22	NWL	2	10.531	SPRING	32166	3RS ET	S
07-Apr-22	NWL	3	1.000	SPRING	32166	3RS ET	S
11-Apr-22	SWL	1	8.575	SPRING	32166	3RS ET	P
11-Apr-22	SWL	2	44.677	SPRING	32166	3RS ET	P
11-Apr-22	SWL	1	0.902	SPRING	32166	3RS ET	S

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
11-Apr-22	SWL	2	13.602	SPRING	32166	3RS ET	S
14-Apr-22	AW	3	4.910	SPRING	32166	3RS ET	P
14-Apr-22	WL	3	19.290	SPRING	32166	3RS ET	P
14-Apr-22	WL	3	9.650	SPRING	32166	3RS ET	S
19-Apr-22	NEL	2	23.100	SPRING	32166	3RS ET	P
19-Apr-22	NEL	3	14.150	SPRING	32166	3RS ET	P
19-Apr-22	NEL	2	4.100	SPRING	32166	3RS ET	S
19-Apr-22	NEL	3	5.850	SPRING	32166	3RS ET	S
20-Apr-22	NEL	2	37.370	SPRING	32166	3RS ET	P
20-Apr-22	NEL	2	9.830	SPRING	32166	3RS ET	S
22-Apr-22	WL	2	14.921	SPRING	32166	3RS ET	P
22-Apr-22	WL	3	3.677	SPRING	32166	3RS ET	P
22-Apr-22	WL	2	6.456	SPRING	32166	3RS ET	S
22-Apr-22	WL	3	4.163	SPRING	32166	3RS ET	S
22-Apr-22	AW	1	3.220	SPRING	32166	3RS ET	P
22-Apr-22	AW	2	1.590	SPRING	32166	3RS ET	P
27-Apr-22	NWL	1	4.250	SPRING	32166	3RS ET	P
27-Apr-22	NWL	2	32.750	SPRING	32166	3RS ET	P
27-Apr-22	NWL	3	24.650	SPRING	32166	3RS ET	P
27-Apr-22	NWL	4	1.000	SPRING	32166	3RS ET	P
27-Apr-22	NWL	2	6.100	SPRING	32166	3RS ET	S
27-Apr-22	NWL	3	5.840	SPRING	32166	3RS ET	S
05-May-22	AW	2	2.920	SPRING	32166	3RS ET	P
05-May-22	AW	3	2.000	SPRING	32166	3RS ET	P
05-May-22	WL	2	5.195	SPRING	32166	3RS ET	P
05-May-22	WL	3	9.037	SPRING	32166	3RS ET	P
05-May-22	WL	4	2.510	SPRING	32166	3RS ET	P
05-May-22	WL	2	3.705	SPRING	32166	3RS ET	S
05-May-22	WL	3	4.821	SPRING	32166	3RS ET	S
05-May-22	WL	4	0.950	SPRING	32166	3RS ET	S
06-May-22	AW	2	2.930	SPRING	32166	3RS ET	P
06-May-22	AW	3	1.880	SPRING	32166	3RS ET	P
06-May-22	WL	2	6.666	SPRING	32166	3RS ET	P
06-May-22	WL	3	6.387	SPRING	32166	3RS ET	P
06-May-22	WL	2	3.577	SPRING	32166	3RS ET	S
06-May-22	WL	3	1.092	SPRING	32166	3RS ET	S
06-May-22	WL	4	1.192	SPRING	32166	3RS ET	S
10-May-22	NWL	2	12.600	SPRING	32166	3RS ET	P
10-May-22	NWL	3	48.400	SPRING	32166	3RS ET	P
10-May-22	NWL	4	2.200	SPRING	32166	3RS ET	P
10-May-22	NWL	2	3.100	SPRING	32166	3RS ET	S
10-May-22	NWL	3	9.200	SPRING	32166	3RS ET	S
11-May-22	NWL	3	48.600	SPRING	32166	3RS ET	P
11-May-22	NWL	4	15.800	SPRING	32166	3RS ET	P
11-May-22	NWL	3	10.300	SPRING	32166	3RS ET	S
11-May-22	NWL	4	1.000	SPRING	32166	3RS ET	S
16-May-22	NEL	2	28.540	SPRING	32166	3RS ET	P
16-May-22	NEL	3	9.600	SPRING	32166	3RS ET	P
16-May-22	NEL	2	10.460	SPRING	32166	3RS ET	S

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
17-May-22	NEL	2	31.980	SPRING	32166	3RS ET	P
17-May-22	NEL	3	4.880	SPRING	32166	3RS ET	P
17-May-22	NEL	2	10.340	SPRING	32166	3RS ET	S
27-May-22	SWL	2	21.030	SPRING	32166	3RS ET	P
27-May-22	SWL	3	32.180	SPRING	32166	3RS ET	P
27-May-22	SWL	2	3.980	SPRING	32166	3RS ET	S
27-May-22	SWL	3	12.230	SPRING	32166	3RS ET	S
30-May-22	SWL	2	37.268	SPRING	32166	3RS ET	P
30-May-22	SWL	3	13.317	SPRING	32166	3RS ET	P
30-May-22	SWL	2	10.802	SPRING	32166	3RS ET	S
30-May-22	SWL	3	4.900	SPRING	32166	3RS ET	S

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

CWD Small Vessel Line-transect Survey

Sighting Data

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
08-Mar-22	1	1029	CWD	4	NWL	3	58	ON	3RS ET	22.2918	113.8698	SPRING	NONE	P
11-Mar-22	1	1033	CWD	5	WL	2	202	ON	3RS ET	22.2610	113.8455	SPRING	NONE	P
11-Mar-22	2	1106	CWD	13	WL	2	794	ON	3RS ET	22.2418	113.8348	SPRING	NONE	P
14-Mar-22	1	1035	FP	3	SWL	2	19	ON	3RS ET	22.2002	113.9361	SPRING	NONE	P
14-Mar-22	2	1049	FP	5	SWL	2	128	ON	3RS ET	22.1731	113.9361	SPRING	NONE	P
14-Mar-22	3	1051	FP	3	SWL	2	447	ON	3RS ET	22.1716	113.9362	SPRING	NONE	P
14-Mar-22	4	1200	FP	2	SWL	2	99	ON	3RS ET	22.1569	113.9182	SPRING	NONE	P
14-Mar-22	5	1329	FP	2	SWL	3	474	ON	3RS ET	22.1609	113.8875	SPRING	NONE	P
14-Mar-22	6	1350	CWD	1	SWL	2	831	ON	3RS ET	22.2038	113.8873	SPRING	NONE	P
15-Mar-22	1	1112	CWD	5	WL	3	64	ON	3RS ET	22.2287	113.8376	SPRING	NONE	S
15-Mar-22	2	1128	CWD	2	WL	3	147	ON	3RS ET	22.2227	113.8344	SPRING	NONE	P
15-Mar-22	3	1145	CWD	11	WL	2	127	ON	3RS ET	22.2136	113.8277	SPRING	NONE	P
15-Mar-22	4	1221	CWD	3	WL	2	710	ON	3RS ET	22.2057	113.8362	SPRING	NONE	P
15-Mar-22	5	1248	CWD	3	WL	2	223	ON	3RS ET	22.1959	113.8378	SPRING	NONE	P
18-Mar-22	1	1037	FP	1	SWL	1	98	ON	3RS ET	22.2218	113.9362	SPRING	NONE	P
18-Mar-22	2	1054	FP	4	SWL	1	161	ON	3RS ET	22.1877	113.9367	SPRING	NONE	P
18-Mar-22	3	1101	FP	7	SWL	1	55	ON	3RS ET	22.1779	113.9365	SPRING	NONE	P
18-Mar-22	4	1107	FP	2	SWL	1	134	ON	3RS ET	22.1752	113.9369	SPRING	NONE	P
18-Mar-22	5	1152	FP	3	SWL	3	153	ON	3RS ET	22.1987	113.9275	SPRING	NONE	P
18-Mar-22	6	1236	FP	5	SWL	2	133	ON	3RS ET	22.1488	113.9084	SPRING	NONE	P
18-Mar-22	7	1245	FP	6	SWL	2	5	ON	3RS ET	22.1531	113.9089	SPRING	NONE	P
18-Mar-22	8	1344	FP	8	SWL	1	75	ON	3RS ET	22.2021	113.8975	SPRING	NONE	P
18-Mar-22	9	1355	FP	4	SWL	1	191	ON	3RS ET	22.1928	113.8965	SPRING	NONE	P
18-Mar-22	10	1429	FP	4	SWL	2	6	ON	3RS ET	22.1602	113.8880	SPRING	NONE	P
18-Mar-22	11	1436	FP	1	SWL	2	222	ON	3RS ET	22.1650	113.8882	SPRING	NONE	P
18-Mar-22	12	1439	FP	3	SWL	2	182	ON	3RS ET	22.1664	113.8885	SPRING	NONE	P
18-Mar-22	13	1446	FP	3	SWL	2	8	ON	3RS ET	22.1732	113.8877	SPRING	NONE	P
18-Mar-22	14	1454	FP	1	SWL	2	204	ON	3RS ET	22.1839	113.8878	SPRING	NONE	P
18-Mar-22	15	1512	FP	3	SWL	1	6	ON	3RS ET	22.2086	113.8800	SPRING	NONE	S
18-Mar-22	16	1541	FP	1	SWL	2	71	ON	3RS ET	22.1577	113.8783	SPRING	NONE	P
18-Mar-22	17	1545	FP	1	SWL	2	39	ON	3RS ET	22.1585	113.8754	SPRING	NONE	S
18-Mar-22	18	1556	FP	1	SWL	2	46	ON	3RS ET	22.1719	113.8684	SPRING	NONE	P

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
06-Apr-22	1	1102	FP	2	SWL	2	114	ON	3RS ET	22.1544	113.9361	SPRING	NONE	P
06-Apr-22	2	1110	FP	1	SWL	2	24	ON	3RS ET	22.1434	113.9286	SPRING	NONE	S
06-Apr-22	3	1323	FP	2	SWL	3	385	ON	3RS ET	22.1544	113.8971	SPRING	NONE	P
06-Apr-22	4	1423	FP	4	SWL	3	4	ON	3RS ET	22.1604	113.8785	SPRING	NONE	P
07-Apr-22	1	1057	CWD	2	NWL	2	1080	ON	3RS ET	22.3097	113.8709	SPRING	NONE	S
07-Apr-22	2	1113	CWD	1	NWL	2	741	ON	3RS ET	22.3132	113.8695	SPRING	NONE	S
11-Apr-22	1	1043	FP	1	SWL	2	38	ON	3RS ET	22.1788	113.9359	SPRING	NONE	P
11-Apr-22	2	1112	FP	2	SWL	2	20	ON	3RS ET	22.1666	113.9277	SPRING	NONE	P
11-Apr-22	3	1212	FP	4	SWL	2	101	ON	3RS ET	22.1538	113.9075	SPRING	NONE	P
11-Apr-22	4	1315	FP	4	SWL	2	65	ON	3RS ET	22.1495	113.8975	SPRING	NONE	P
11-Apr-22	5	1318	FP	2	SWL	2	72	ON	3RS ET	22.1490	113.8956	SPRING	NONE	S
11-Apr-22	6	1403	FP	2	SWL	1	255	ON	3RS ET	22.1871	113.8777	SPRING	NONE	P
11-Apr-22	7	1407	FP	3	SWL	1	12	ON	3RS ET	22.1821	113.8777	SPRING	NONE	P
11-Apr-22	8	1409	FP	2	SWL	1	444	ON	3RS ET	22.1788	113.8782	SPRING	NONE	P
11-Apr-22	9	1417	FP	1	SWL	1	206	ON	3RS ET	22.1643	113.8781	SPRING	NONE	P
11-Apr-22	10	1425	FP	5	SWL	1	216	ON	3RS ET	22.1632	113.8686	SPRING	NONE	P
11-Apr-22	11	1428	FP	3	SWL	1	207	ON	3RS ET	22.1656	113.8687	SPRING	NONE	P
11-Apr-22	12	1436	FP	4	SWL	1	580	ON	3RS ET	22.1799	113.8684	SPRING	NONE	P
11-Apr-22	13	1455	FP	8	SWL	2	61	ON	3RS ET	22.1867	113.8586	SPRING	NONE	P
11-Apr-22	14	1501	FP	3	SWL	2	318	ON	3RS ET	22.1760	113.8590	SPRING	NONE	P
11-Apr-22	15	1514	FP	2	SWL	2	14	ON	3RS ET	22.1831	113.8492	SPRING	NONE	P
11-Apr-22	16	1519	CWD	1	SWL	2	207	ON	3RS ET	22.1914	113.8495	SPRING	NONE	P
14-Apr-22	1	1126	CWD	5	WL	3	77	ON	3RS ET	22.2320	113.8365	SPRING	NONE	P
14-Apr-22	2	1233	CWD	2	WL	3	521	ON	3RS ET	22.1968	113.8423	SPRING	NONE	P
22-Apr-22	1	1112	CWD	1	WL	2	174	ON	3RS ET	22.2325	113.8348	SPRING	NONE	P
22-Apr-22	2	1133	CWD	1	WL	2	729	ON	3RS ET	22.2289	113.8378	SPRING	NONE	S
22-Apr-22	3	1145	CWD	7	WL	2	575	ON	3RS ET	22.2242	113.8250	SPRING	NONE	P
27-Apr-22	1	1111	CWD	2	NWL	2	179	ON	3RS ET	22.3302	113.8781	SPRING	NONE	P
05-May-22	1	1014	CWD	6	WL	3	800	ON	3RS ET	22.2777	113.8513	SPRING	PURSE SEINER	S
05-May-22	2	1039	CWD	2	WL	2	91	ON	3RS ET	22.2613	113.8501	SPRING	NONE	P
05-May-22	3	1059	CWD	2	WL	2	165	ON	3RS ET	22.2579	113.8374	SPRING	NONE	S
05-May-22	4	1104	CWD	1	WL	3	192	ON	3RS ET	22.2549	113.8353	SPRING	NONE	S
05-May-22	5	1143	CWD	6	WL	3	192	ON	3RS ET	22.2241	113.8335	SPRING	PURSE SEINER	P

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
05-May-22	6	1201	CWD	1	WL	3	283	ON	3RS ET	22.2238	113.8234	SPRING	NONE	P
05-May-22	7	1222	CWD	1	WL	3	135	ON	3RS ET	22.2148	113.8345	SPRING	NONE	P
06-May-22	1	1036	CWD	2	WL	2	169	ON	3RS ET	22.2631	113.8562	SPRING	NONE	S
06-May-22	2	1043	CWD	1	WL	2	717	ON	3RS ET	22.2606	113.8529	SPRING	NONE	P
06-May-22	3	1102	CWD	8	WL	2	394	ON	3RS ET	22.2418	113.8436	SPRING	NONE	P
06-May-22	4	1139	CWD	2	WL	2	1	ON	3RS ET	22.2269	113.8376	SPRING	NONE	S
06-May-22	5	1149	CWD	5	WL	2	95	ON	3RS ET	22.2236	113.8340	SPRING	NONE	P
06-May-22	6	1201	CWD	1	WL	3	335	ON	3RS ET	22.2175	113.8195	SPRING	NONE	S
06-May-22	7	1214	CWD	5	WL	3	221	ON	3RS ET	22.2145	113.8246	SPRING	NONE	P
06-May-22	8	1231	CWD	2	WL	3	132	ON	3RS ET	22.2058	113.8358	SPRING	NONE	P
06-May-22	9	1245	CWD	6	WL	3	32	ON	3RS ET	22.1964	113.8374	SPRING	NONE	P
27-May-22	1	1101	FP	1	SWL	3	52	ON	3RS ET	22.1438	113.9277	SPRING	NONE	S
27-May-22	2	1416	CWD	12	SWL	3	582	ON	3RS ET	22.1595	113.8736	SPRING	NONE	S
30-May-22	1	1053	FP	2	SWL	2	100	ON	3RS ET	22.1613	113.9363	SPRING	NONE	P
30-May-22	2	1403	CWD	2	SWL	2	817	ON	3RS ET	22.1782	113.8783	SPRING	NONE	P
30-May-22	3	1512	CWD	1	SWL	3	779	ON	3RS ET	22.1781	113.8497	SPRING	NONE	P
30-May-22	4	1534	CWD	10	SWL	3	145	ON	3RS ET	22.1869	113.8496	SPRING	PURSE SEINER	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 413.917 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 20 on-effort sightings and total number of 76 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in May 2022 are shown as below:

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

$$STG = \frac{20}{413.917} \times 100 = 4.83$$

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

$$ANI = \frac{76}{413.917} \times 100 = 18.36$$

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

A total of 1296.028 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 38 on-effort sightings and total number of 145 dolphins from on-effort sightings were collected under such condition. Calculation of the running quarterly encounter rates are shown as below:

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









$$STG = \frac{38}{1296.028} \times 100 = 2.93$$

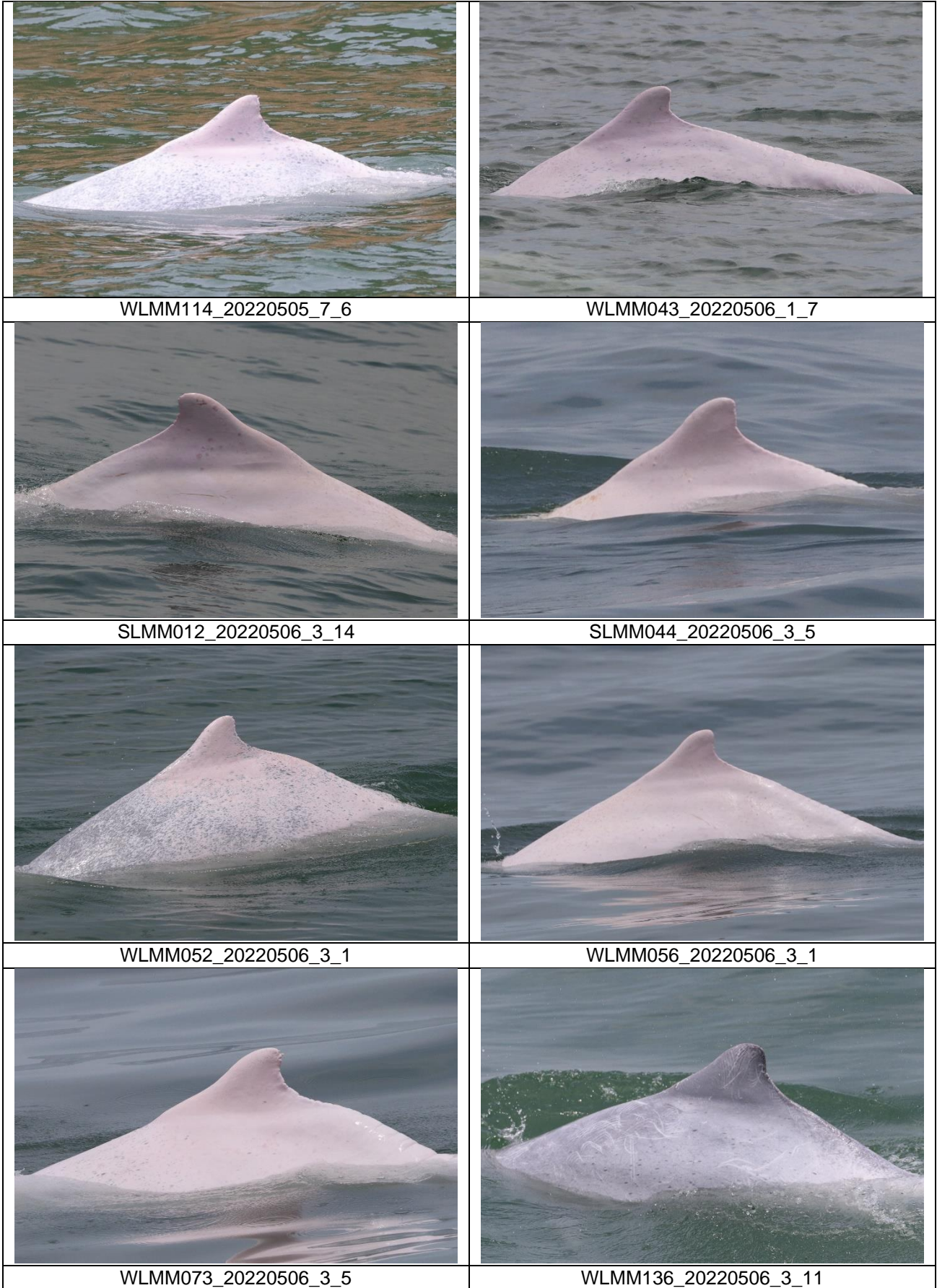
Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{145}{1296.028} \times 100 = 11.19$$

CWD Small Vessel Line-transect Survey

Photo Identification

	
WLMM005_20220505_1_1	WLMM056_20220505_1_4
	
WLMM175_20220505_1_1	SLMM002_20220505_5_2
	
SLMM044_20220505_5_1	WLMM005_20220505_5_5
	
WLMM056_20220505_5_1	WLMM175_20220505_5_1





SLMM012_20220506_5_2



SLMM003_20220506_8_2



SLMM025_20220506_8_3



SLMM003_20220506_9_2



SLMM025_20220506_9_1











SLMM003_20220527_2_1



SLMM007_20220527_2_3



SLMM010_20220527_2_3

	
SLMM052_20220527_2_4	WLMM001_20220527_2_4
	
WLMM079_20220527_2_5	SLMM002_20220530_4_6
	
SLMM012_20220530_4_1	WLMM079_20220530_4_1
	
WLMM114_20220530_4_1	WLMM133_20220530_4_7

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
19-May-22	Lung Kwu Chau	8:45	14:45	6:00	2	1	0	-
25-May-22	Sha Chau	10:44	16:44	6:00	2	2	0	-

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