

Appendix C. Monitoring Results

Air Quality Monitoring Results

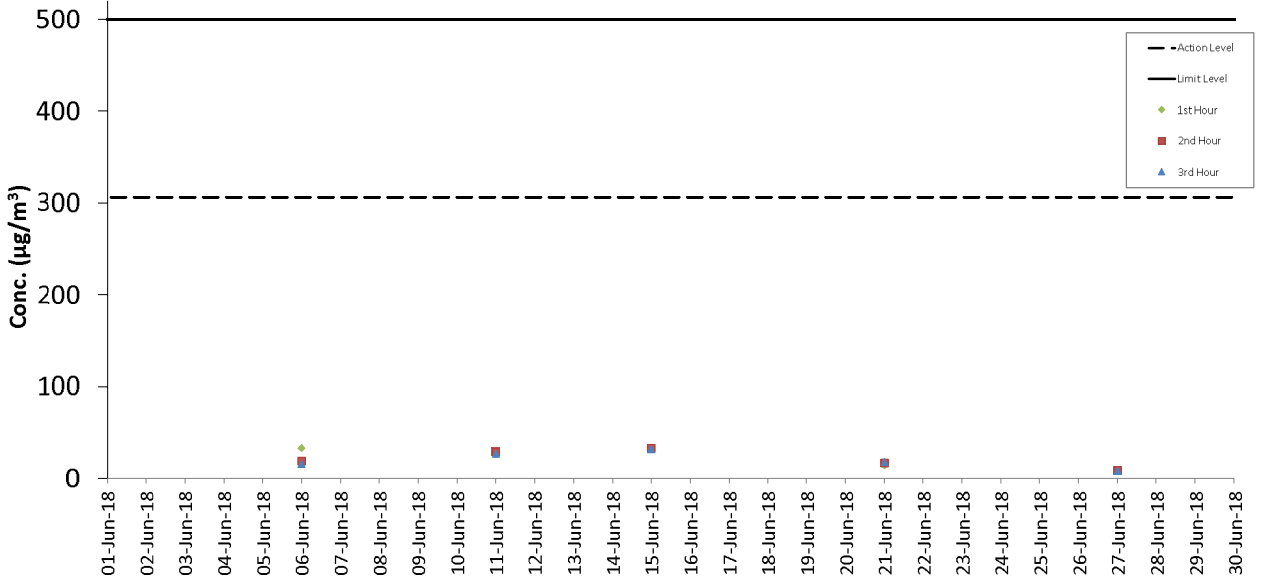
1-hour TSP Results**Station: AR1A- Man Tung Road Park**

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-Jun-18	13:25	Cloudy	1.3	195	33	306	500
06-Jun-18	14:25	Cloudy	4.1	206	19	306	500
06-Jun-18	15:25	Cloudy	4.9	68	16	306	500
11-Jun-18	13:20	Sunny	3.6	195	27	306	500
11-Jun-18	14:20	Sunny	2.9	206	29	306	500
11-Jun-18	15:20	Sunny	2.9	294	27	306	500
15-Jun-18	13:00	Cloudy	2.7	195	32	306	500
15-Jun-18	14:00	Cloudy	3.7	206	33	306	500
15-Jun-18	15:00	Cloudy	3.0	338	32	306	500
21-Jun-18	13:00	Sunny	7.1	195	14	306	500
21-Jun-18	14:00	Sunny	6.9	206	17	306	500
21-Jun-18	15:00	Sunny	6.2	228	18	306	500
27-Jun-18	13:00	Sunny	6.4	195	8	306	500
27-Jun-18	14:00	Sunny	3.3	206	9	306	500
27-Jun-18	15:00	Sunny	6.0	242	8	306	500

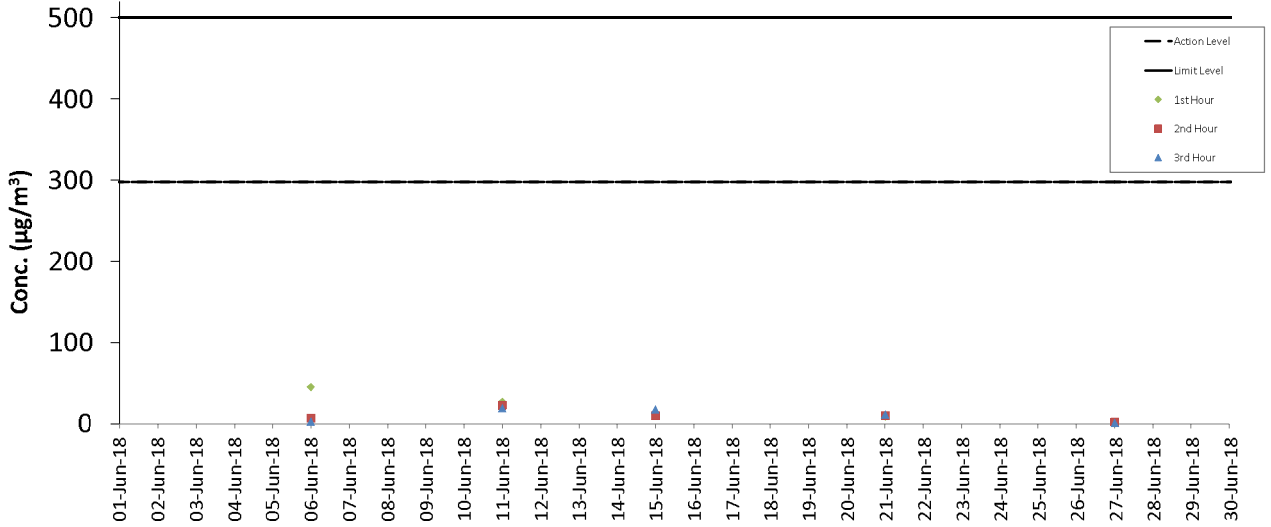
1-hour TSP Results**Station: AR2- Village House, Tin Sum**

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-Jun-18	09:00	Rainy	1.9	195	45	298	500
06-Jun-18	10:00	Rainy	2.5	206	7	298	500
06-Jun-18	11:00	Rainy	3.7	46	2	298	500
11-Jun-18	09:00	Sunny	2.3	195	27	298	500
11-Jun-18	10:00	Sunny	2.5	206	23	298	500
11-Jun-18	11:00	Sunny	2.0	4	19	298	500
15-Jun-18	09:00	Sunny	4.1	195	12	298	500
15-Jun-18	10:00	Sunny	2.3	206	10	298	500
15-Jun-18	11:00	Sunny	3.6	343	17	298	500
21-Jun-18	09:00	Sunny	5.7	195	9	298	500
21-Jun-18	10:00	Sunny	5.8	206	10	298	500
21-Jun-18	11:00	Sunny	5.9	232	11	298	500
27-Jun-18	09:00	Sunny	1.4	195	1	298	500
27-Jun-18	10:00	Sunny	2.6	206	2	298	500
27-Jun-18	11:00	Sunny	3.6	267	1	298	500

AR1A 1-Hour TSP



AR2 1-Hour TSP



Noise Monitoring Results

Noise Measurement Results

Station: NM1A- Man Tung Road Park

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₃₀ dB(A)	L _{eq(30mins)} dB(A)
06-Jun-18	Cloudy	16:04	73.5	60.0	67
06-Jun-18	Cloudy	16:09	73.5	60.0	
06-Jun-18	Cloudy	16:14	73.0	61.0	
06-Jun-18	Cloudy	16:19	73.0	60.5	
06-Jun-18	Cloudy	16:24	74.0	60.5	
06-Jun-18	Cloudy	16:29	73.5	60.5	
11-Jun-18	Sunny	13:45	73.0	65.0	67
11-Jun-18	Sunny	13:50	72.5	65.5	
11-Jun-18	Sunny	13:55	73.5	64.5	
11-Jun-18	Sunny	14:00	73.0	65.0	
11-Jun-18	Sunny	14:05	72.5	64.5	
11-Jun-18	Sunny	14:10	73.5	66.0	
21-Jun-18	Sunny	13:15	74.0	64.5	73
21-Jun-18	Sunny	13:20	72.0	61.5	
21-Jun-18	Sunny	13:25	73.0	58.0	
21-Jun-18	Sunny	13:30	74.5	57.0	
21-Jun-18	Sunny	13:35	73.0	58.0	
21-Jun-18	Sunny	13:40	73.0	57.5	
27-Jun-18	Sunny	13:15	73.5	58.5	73
27-Jun-18	Sunny	13:20	70.5	56.0	
27-Jun-18	Sunny	13:25	73.5	61.0	
27-Jun-18	Sunny	13:30	74.0	61.5	
27-Jun-18	Sunny	13:35	72.5	58.0	
27-Jun-18	Sunny	13:40	72.5	60.0	

Remarks:

+3dB (A) correction was applied to free-field measurement.

Noise Measurement Results

Station: NM3A- Site Office

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₃₀ dB(A)	L _{eq(30mins)} dB(A)
08-Jun-18	Cloudy	15:20	67.5	60.5	57
08-Jun-18	Cloudy	15:25	67.5	60.5	
08-Jun-18	Cloudy	15:30	66.5	60.5	
08-Jun-18	Cloudy	15:35	69.5	60.5	
08-Jun-18	Cloudy	15:40	67.5	60.5	
08-Jun-18	Cloudy	15:45	68.5	61.0	
11-Jun-18	Sunny	09:25	69.0	60.5	61
11-Jun-18	Sunny	09:30	68.5	60.5	
11-Jun-18	Sunny	09:35	66.0	61.0	
11-Jun-18	Sunny	09:40	68.5	61.0	
11-Jun-18	Sunny	09:45	69.5	60.5	
11-Jun-18	Sunny	09:50	69.0	60.5	
21-Jun-18	Sunny	09:20	65.0	64.0	61
21-Jun-18	Sunny	09:25	65.5	63.5	
21-Jun-18	Sunny	09:30	64.5	63.0	
21-Jun-18	Sunny	09:35	68.0	64.0	
21-Jun-18	Sunny	09:40	66.5	64.0	
21-Jun-18	Sunny	09:45	63.5	62.5	
27-Jun-18	Sunny	09:30	64.5	63.0	57
27-Jun-18	Sunny	09:35	64.0	62.5	
27-Jun-18	Sunny	09:40	64.5	62.5	
27-Jun-18	Sunny	09:45	64.0	62.5	
27-Jun-18	Sunny	09:50	64.0	62.5	
27-Jun-18	Sunny	09:55	64.0	62.5	

Noise Measurement Results

Station: NM4- Ching Chung Hau Po Woon Primary School

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₃₀ dB(A)	L _{eq(30mins)} dB(A)
06-Jun-18	Cloudy	15:04	63.5	60.5	66
06-Jun-18	Cloudy	15:09	64.5	60.5	
06-Jun-18	Cloudy	15:14	64.0	61.0	
06-Jun-18	Cloudy	15:19	65.0	61.5	
06-Jun-18	Cloudy	15:24	64.0	60.5	
06-Jun-18	Cloudy	15:29	64.0	61.0	
11-Jun-18	Sunny	14:18	66.0	62.0	66
11-Jun-18	Sunny	14:23	64.0	60.5	
11-Jun-18	Sunny	14:28	64.5	60.5	
11-Jun-18	Sunny	14:33	63.5	60.5	
11-Jun-18	Sunny	14:38	65.0	61.0	
11-Jun-18	Sunny	14:43	63.5	61.0	
21-Jun-18	Sunny	14:09	63.5	60.0	60
21-Jun-18	Sunny	14:14	64.5	60.5	
21-Jun-18	Sunny	14:19	65.5	61.5	
21-Jun-18	Sunny	14:24	66.0	62.5	
21-Jun-18	Sunny	14:29	65.0	62.0	
21-Jun-18	Sunny	14:34	65.0	62.0	
27-Jun-18	Sunny	13:56	63.5	61.0	66
27-Jun-18	Sunny	14:01	63.5	61.0	
27-Jun-18	Sunny	14:06	64.0	60.0	
27-Jun-18	Sunny	14:11	64.5	60.5	
27-Jun-18	Sunny	14:16	64.5	61.0	
27-Jun-18	Sunny	14:21	64.5	61.5	

Remarks:

+3dB (A) correction was applied to free-field measurement.

Limit Level at NM4 was reduced to 65 dB(A) during school examination period from 4 to 8 Jun 2018. Impact noise monitoring at NM4 on 6 Jun 2018 was conducted after the end of school examination that day (8:30 am to 12:00 pm). The corresponding Limit Level for the monitoring session was 70 dB(A).

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-Jun-18	Sunny	11:09	61.0	48.5	59
06-Jun-18	Sunny	11:14	57.5	50.0	
06-Jun-18	Sunny	11:19	57.5	49.0	
06-Jun-18	Sunny	11:24	60.0	49.0	
06-Jun-18	Sunny	11:29	68.5	54.5	
06-Jun-18	Sunny	11:34	60.5	49.5	
11-Jun-18	Sunny	08:57	66.5	57.5	61
11-Jun-18	Sunny	09:02	62.0	54.0	
11-Jun-18	Sunny	09:07	58.5	53.5	
11-Jun-18	Sunny	09:12	57.5	51.0	
11-Jun-18	Sunny	09:17	66.5	52.0	
11-Jun-18	Sunny	09:22	58.5	51.0	
21-Jun-18	Sunny	09:00	56.0	45.5	59
21-Jun-18	Sunny	09:05	51.5	47.5	
21-Jun-18	Sunny	09:10	63.5	47.0	
21-Jun-18	Sunny	09:15	60.0	47.0	
21-Jun-18	Sunny	09:20	52.5	47.0	
21-Jun-18	Sunny	09:25	52.0	45.5	
27-Jun-18	Sunny	09:30	56.0	47.5	59
27-Jun-18	Sunny	09:35	52.5	47.5	
27-Jun-18	Sunny	09:40	54.0	47.5	
27-Jun-18	Sunny	09:45	54.0	47.0	
27-Jun-18	Sunny	09:50	67.5	51.5	
27-Jun-18	Sunny	09:55	60.0	47.5	

Remarks:

+3dB (A) correction was applied to free-field measurement.

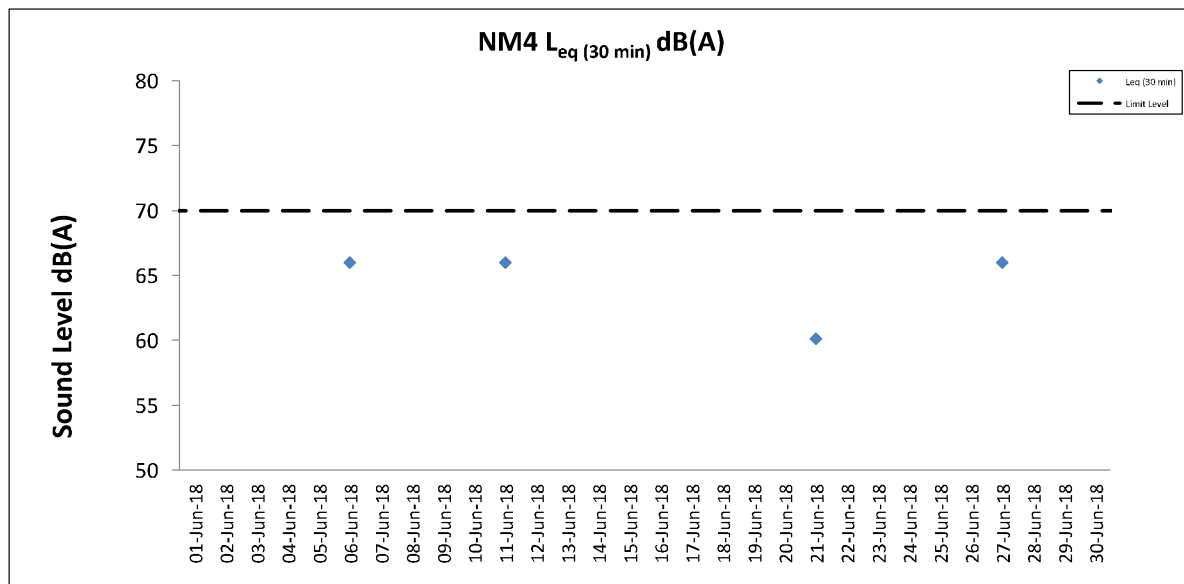
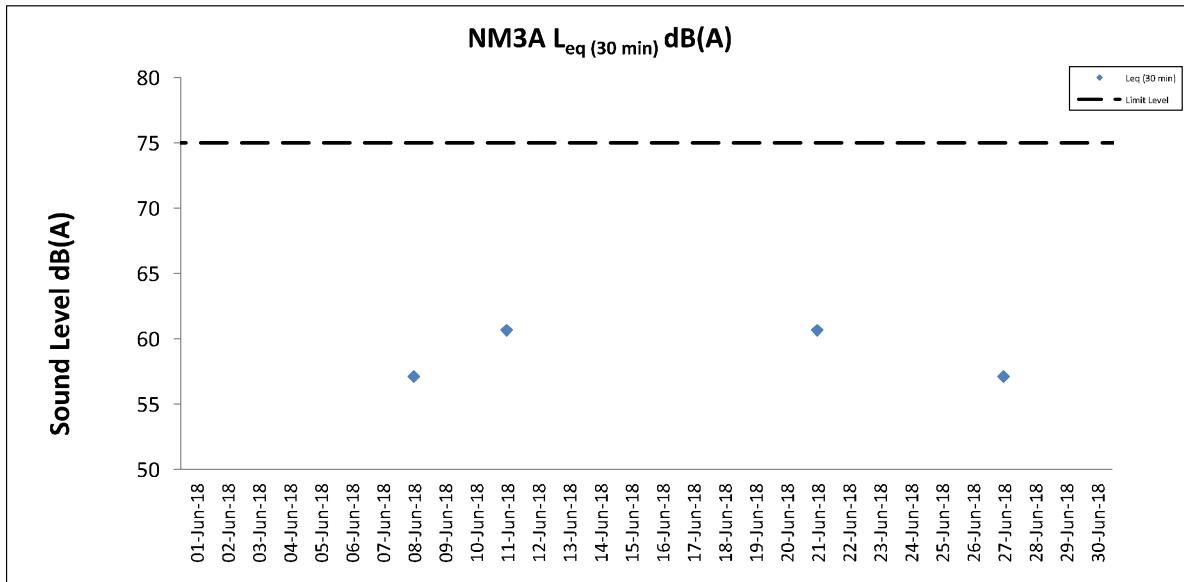
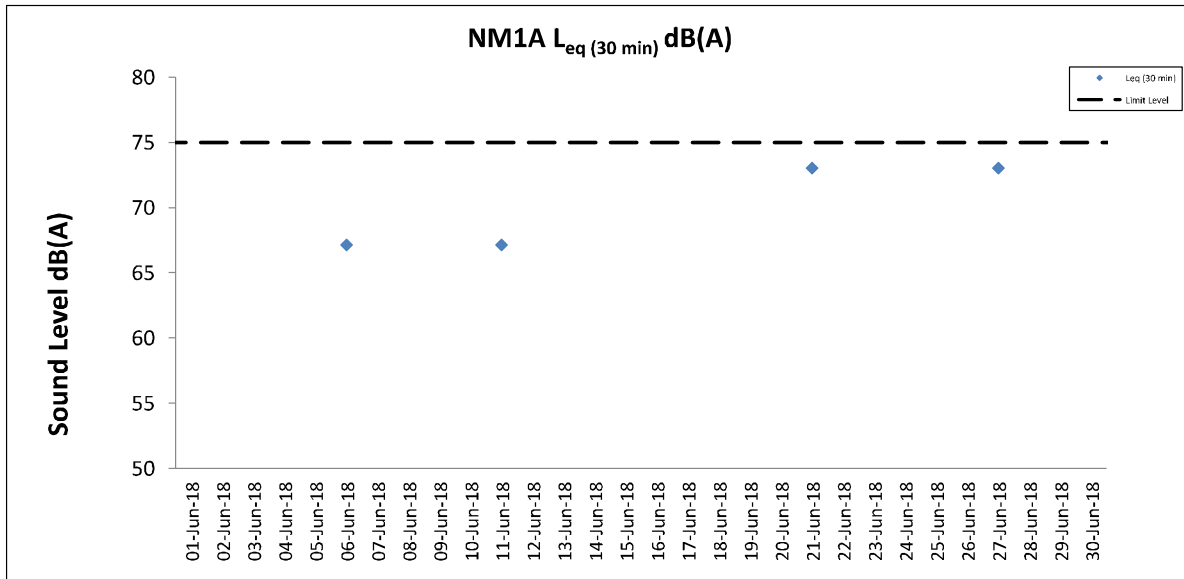
Noise Measurement Results

Station: NM6- House No.1 Sha Lo Wan

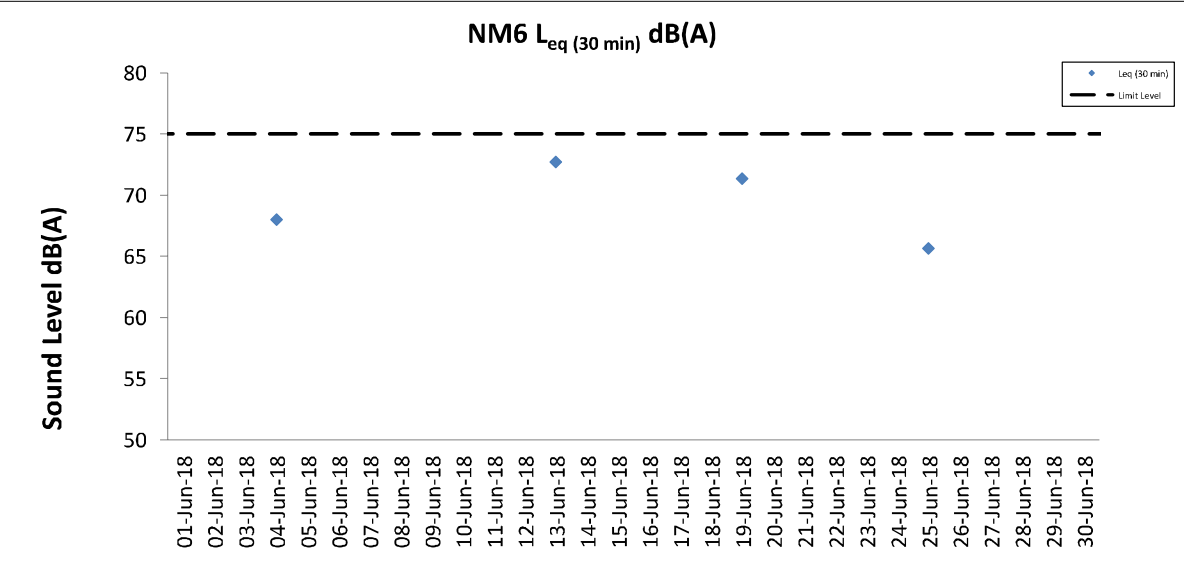
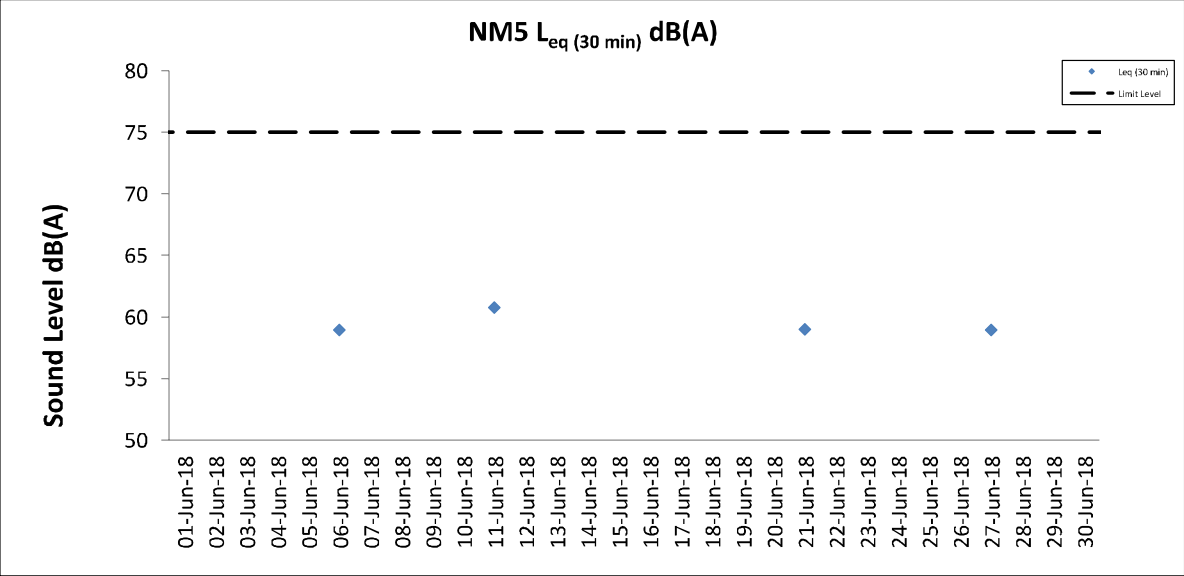
Date	Weather	Time	Measured L_{10} dB(A)	Measured L_{90} dB(A)	$L_{eq(30mins)}$ dB(A)
04-Jun-18	Sunny	09:39	69.0	60.5	68
04-Jun-18	Sunny	09:44	70.0	53.0	
04-Jun-18	Sunny	09:49	64.5	53.0	
04-Jun-18	Sunny	09:54	67.0	53.0	
04-Jun-18	Sunny	09:59	67.0	53.0	
04-Jun-18	Sunny	10:04	62.0	50.0	
13-Jun-18	Cloudy	09:40	79.0	60.0	73
13-Jun-18	Cloudy	09:45	76.5	56.0	
13-Jun-18	Cloudy	09:50	75.0	56.0	
13-Jun-18	Cloudy	09:55	76.0	56.5	
13-Jun-18	Cloudy	10:00	73.5	55.0	
13-Jun-18	Cloudy	10:05	70.0	52.5	
19-Jun-18	Cloudy	09:41	74.5	52.0	71
19-Jun-18	Cloudy	09:46	74.0	52.5	
19-Jun-18	Cloudy	09:51	69.0	55.0	
19-Jun-18	Cloudy	09:56	76.5	54.0	
19-Jun-18	Cloudy	10:01	76.0	52.5	
19-Jun-18	Cloudy	10:06	74.0	53.5	
25-Jun-18	Fine	09:38	65.5	53.5	66
25-Jun-18	Fine	09:43	67.5	52.5	
25-Jun-18	Fine	09:48	72.0	61.5	
25-Jun-18	Fine	09:53	75.0	58.5	
25-Jun-18	Fine	09:58	66.5	52.0	
25-Jun-18	Fine	10:03	65.0	52.5	

Remarks:

+3dB (A) correction was applied to free-field measurement.



Remark: Limit Level at NM4 was reduced to 65 dB(A) during school examination period from 4 to 8 Jun 2018. Impact noise monitoring at NM4 on 6 Jun 2018 was conducted after the end of school examination that day (8:30 am to 12:00 pm). The corresponding Limit Level for the monitoring session was 70 dB(A).



Water Quality Monitoring Results

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

Water Quality Monitoring

Water Quality Monitoring Results on 02 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
C1	Cloudy	Moderate	14:40	8.7	Surface	1.0	0.4	184	28.4	8.0	8.0	26.9	26.9	103.6	103.6	6.9	6.7	4.1	8.2	6	6	83	86	815599	804268	<0.2	1.8	1.3				
						1.0	0.4	186	28.4	8.0	8.0	26.9	26.9	103.5	103.6	6.9	6.7	4.1	8.2	4	6	84	86									
					Middle	4.4	0.3	149	28.2	7.9	7.9	27.2	27.2	95.9	95.8	6.4	6.3	8.0	11.0	5	5	85	86	83	86	<0.2	1.4					
						4.4	0.4	157	28.2	7.9	7.9	27.2	27.2	95.7	95.8	6.4	6.3	8.0	11.0	6	6	84	86	83	86	<0.2	1.4					
					Bottom	7.7	0.3	128	28.2	7.9	7.9	27.3	27.3	94.6	94.5	6.3	6.3	12.3	17.0	6	6	85	86	83	86	<0.2	1.1					
						7.7	0.3	135	28.2	7.9	7.9	27.3	27.3	94.4	94.5	6.3	6.3	12.4	17.0	8	6	85	86	83	86	<0.2	1.2					
C2	Fine	Moderate	13:33	12.2	Surface	1.0	0.3	163	29.6	7.9	7.9	22.4	22.4	102.8	102.7	6.9	6.1	6.5	11.0	5	5	80	83	825678	806922	<0.2	1.9	2.0				
						1.0	0.3	170	29.6	7.9	7.9	22.4	22.4	102.6	102.7	6.9	6.1	6.5	11.0	4	5	81	84	83	86	<0.2	2.1					
					Middle	6.1	0.5	156	28.5	7.8	7.8	25.1	25.1	78.4	78.4	5.3	5.3	9.4	17.0	4	5	84	84	83	86	<0.2	1.9					
						6.1	0.5	169	28.5	7.8	7.8	25.1	25.1	78.4	78.4	5.3	5.3	9.5	17.0	5	5	84	84	83	86	<0.2	1.9					
					Bottom	11.2	0.3	120	27.8	7.8	7.8	27.9	27.9	75.7	75.7	5.1	5.1	16.9	17.0	5	5	85	85	83	86	<0.2	2.1					
						11.2	0.3	124	27.8	7.9	7.8	27.9	27.9	75.9	75.8	5.1	5.1	17.0	17.0	6	6	85	86	83	86	<0.2	2.0					
C3	Cloudy	Moderate	15:08	11.4	Surface	1.0	0.3	133	28.5	8.0	8.0	26.8	26.8	104.1	104.1	7.0	6.7	3.2	5.0	5	7	81	84	822088	817777	<0.2	1.4	1.5				
						1.0	0.4	140	28.4	8.0	8.0	26.8	26.8	104.0	104.1	7.0	6.7	3.1	5.0	7	7	81	84	83	86	<0.2	1.5					
					Middle	5.7	0.3	130	28.2	7.9	7.9	27.2	27.2	94.7	94.5	6.4	6.3	5.9	6.1	6	6	83	83	83	86	<0.2	1.4					
						5.7	0.3	135	28.2	7.9	7.9	27.2	27.2	94.3	94.5	6.3	6.3	5.9	6.1	6	6	84	84	83	86	<0.2	1.6					
					Bottom	10.4	0.3	96	27.2	7.9	7.9	29.4	29.4	78.0	78.2	5.3	5.3	6.1	6.1	9	7	86	86	83	86	<0.2	1.6					
						10.4	0.4	101	27.2	7.9	7.9	29.5	29.4	78.3	78.2	5.3	5.3	6.1	6.1	7	7	86	86	83	86	<0.2	1.5					
IM1	Cloudy	Moderate	14:21	5.3	Surface	1.0	0.2	214	29.3	8.0	8.0	24.6	24.6	113.6	113.6	7.6	7.6	5.1	6.2	5	6	81	83	817929	807130	<0.2	1.7	1.6				
						1.0	0.3	229	29.3	8.0	8.0	24.6	24.6	113.5	113.6	7.6	7.6	5.2	6.2	6	6	82	82	83	86	<0.2	1.6					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
					Bottom	4.3	0.2	169	29.3	8.0	8.0	24.6	24.6	113.5	113.6	7.6	7.6	7.2	7.2	6	7	85	85	83	86	<0.2	1.6					
						4.3	0.2	178	29.3	8.0	8.0	24.6	24.6	113.6	113.6	7.6	7.6	7.2	7.2	7	7	85	85	83	86	<0.2	1.5					
IM2	Cloudy	Moderate	14:15	7.6	Surface	1.0	0.4	178	29.3	8.0	8.0	24.1	24.1	108.6	108.5	7.3	7.0	4.6	8.4	4	5	82	84	818144	806139	<0.2	2.0	2.0				
						1.0	0.5	187	29.3	8.0	8.0	24.1	24.1	108.4	108.5	7.3	7.0	4.8	8.4	3	5	83	83	83	86	<0.2	2.0					
					Middle	3.8	0.4	162	28.9	7.9	7.9	24.6	24.6	97.8	97.7	6.6	6.6	6.6	6.6	5	5	83	83	83	86	<0.2	2.0					
						3.8	0.4	169	28.9	7.9	7.9	24.6	24.6	97.5	97.7	6.6	6.6	6.5	6.6	4	5	84	84	83	86	<0.2	1.8					
					Bottom	6.6	0.2	158	27.9	7.9	7.9	27.3	27.3	82.6	82.7	5.6	5.6	13.7	14.0	6	6	85	86	83	86	<0.2	2.0					
						6.6	0.2	167	27.9	7.9	7.9	27.3	27.3	82.8	82.7	5.6	5.6	14.0	14.0	5	5	86	86	83	86	<0.2	1.9					
IM3	Fine	Moderate	14:08	7.5	Surface	1.0	0.4	166	29.3	7.9	7.9	23.8	23.8	103.0	102.9	6.9	6.6	6.7	8.3	4	4	82	85	818769	805590	<0.2	1.9	1.9				
						1.0	0.5	176	29.3	7.9	7.9	23.8	23.8	102.7	102.9	6.9	6.6	6.6	8.3	2	4	82	83	83	86	<0.2	1.9					
					Middle	3.8	0.3	139	28.6	7.9	7.9	25.0	25.0	91.5	91.6	6.2	6.2	7.7	7.7	4	5	83	84	83	86	<0.2	1.9					
						3.8	0.4	141	28.6	7.9	7.9	25.0	25.0	91.7	91.6	6.2	6.2	7.7	7.7	5	4	84	84	83	86	<0.2	1.9					
					Bottom	6.5	0.3	113	27.8	7.9	7.9	27.6	27.6	89.0	89.2	6.0	6.0	10.5	10.9	4	6	88	88	83	86	<0.2	1.9					
						6.5	0.3	113	27.8	7.9	7.9	27.6	27.6	89.3	89.3	6.0	6.0	10.9	10.9	6	6	88	88	83	86	<0.2	1.8					
IM4	Fine	Moderate	14:00	8.0	Surface	1.0	0.5	190	29.3	8.0	8.0	23.6	23.6	109.6	109.6	7.4	7.1	5.6	7.2	4	5	81	83	819753	804605	<0.2	2.0	2.0				
						1.0	0.5	191	29.2	8.0	8.0	23.7	23.7	109.5	109.6	7.4	7.1	5.7	7.2	5	5	81	83	83	86	<0.2	2.0					
					Middle	4.0	0.4	176	28.5	7.9	7.9	25.9	25.9	100.1	100.1	6.7	6.7	6.3	6.4	4	6	83	84	83	86	<0.2	1.9					
						4.0	0.4	188	28.5	8.0	8.0	25.9	25.9	100.0	100.0	6.7	6.7	6.4	6.4	6	6	84	84	83	86	<0.2	2.1					
					Bottom	7.0	0.4	159	27.6	7.9	7.9	28.0	28.0	93.8	93.1	6.3	6.3	9.6	9.6	7	7	85	85	83	86	<0.2	1.9					
						7.0	0.4	169	27.6	7.9	7.9	28.1	28.1	92.3	93.1	6.2	6.2	9.6	9.6	6	6	85	85	83	86	<0.2	1.9					
IM5	Fine	Moderate	13:51	6.4	Surface	1.0	0.3	183	29.3	8.0	8.0	23.4	23.4	108.4	108.5	7.3	7.3	4.4	6.1	2	2	81	84	820764	804887	<0.2	1.9	1.9				
						1.0	0.4	195	29.3	8.0	8.0	23.5	23.4	108.6	108.5	7.3	7.3	4.4	6.1	2	2	81	84	83	86	<0.2	1.8					
					Middle	3.2	0.3	149	28.8	8.0	8.0	25.4	25.3	107.4	107.3	7.2	7.2	6.4	6.4	2	2	84	84	83	86	<0.2	1.9					
						3.2	0.3	160	28.8	8.0	8.0	25.3	25.3	107.1	107.3	7.2	7.2	6.4	6.4	2	2	84	84	83	86	<0.2	1.9					
					Bottom	5.4	0.3	125	27.3	7.8	7.8	28.5	28.5	76.3	76.3	5.2	5.2	7.6	7.7	3	3	85	86	83	86	<0.2	1.9					
						5.4	0.3	137	27.3	7.8	7.8	28.5	28.5	76.3	76.3	5.2	5.2	7.7	7.7	3	3	86	86	83	86	<0.2	2.0					
IM6	Fine	Moderate	13:42	7.2	Surface	1.0	0.4	142	29.2	7.9	7.9	23.3	23.3	98.8	99.1	6.7	6.9	6.3	8.3	2	3	83	85	821087	805816	<0.2	2.4	2.3				
						1.0	0.4	147	29.1	7.9	7.9	23.3	23.3	99.3	99.1	6.7	6.9	6.3	8.3	3	3	83	85	83	86	<0.2	2.6					
					Middle	3.6	0.4	128	28.5	7.9	7.9	26.3	26.4	104.2	104.3	7.0	7.0	8.2	8.2	3	3	85	85	83	86	<0.2	2.3					
						3.6	0.4	139	28.5	7.9	7.9	26.4	26.4	104.4	104.3	7.0	7.0	8.2	8.2	3	3	85	85	83	86	<0.2	2.3					
					Bottom	6.2	0.3	110	27.9																							

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

Water Quality Monitoring

Water Quality Monitoring Results on 02 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value
IM9	Fine	Moderate	14:08	7.9	Surface	1.0	0.4	168	29.4	29.4	8.0	8.0	23.6	23.6	109.1	108.9	7.3	7.1	4.4	6.0	3	4	81	84	822110	808805	<0.2	<0.2	2.4	1.9			
						1.0	0.4	172	29.4	29.4	8.0	8.0	23.6	23.6	107.7	107.3	7.3	7.1	4.5	6.0	2	4	81	84	<0.2	<0.2	1.8	1.8					
					Middle	4.0	0.5	113	28.3	28.3	7.9	7.9	26.6	26.6	102.3	102.2	6.9	6.9	5.1	5.1	4	4	84	84	<0.2	<0.2	1.6	1.8					
						4.0	0.5	113	28.3	28.3	7.9	7.9	26.6	26.6	102.0	102.2	6.9	6.9	5.1	5.1	3	4	84	84	<0.2	<0.2	1.6	1.8					
					Bottom	6.9	0.2	82	27.3	27.3	7.9	7.9	28.5	28.5	77.2	77.3	5.2	5.2	8.4	8.4	4	4	85	86	<0.2	<0.2	1.6	1.6					
						6.9	0.2	83	27.3	27.3	7.9	7.9	28.5	28.5	77.3	77.3	5.2	5.2	8.4	8.4	5	4	86	86	<0.2	<0.2	1.6	1.6					
IM10	Fine	Moderate	14:17	8.3	Surface	1.0	0.5	163	29.3	29.3	7.9	7.9	23.8	23.8	102.1	102.0	6.9	6.4	6.6	7.8	3	4	83	85	822358	809765	<0.2	<0.2	1.8	2.1			
						1.0	0.5	175	29.3	29.3	7.9	7.9	23.8	23.8	101.9	102.0	6.8	6.4	6.6	7.8	2	4	83	85	<0.2	<0.2	1.9	2.0					
					Middle	4.2	0.6	145	28.4	28.4	7.9	7.9	25.8	25.7	89.5	89.5	6.0	6.0	7.4	7.4	4	4	85	85	<0.2	<0.2	2.4	2.4					
						4.2	0.6	154	28.4	28.4	7.9	7.9	25.7	25.7	89.5	89.5	6.0	6.0	7.4	7.4	5	5	85	88	<0.2	<0.2	2.0	2.0					
					Bottom	7.3	0.4	124	27.7	27.7	7.9	7.9	27.6	27.6	83.4	83.2	5.6	5.6	9.5	9.5	5	5	88	88	<0.2	<0.2	2.0	2.0					
						7.3	0.4	136	27.7	27.7	7.9	7.9	27.7	27.6	83.0	83.2	5.6	5.6	9.6	9.6	6	6	88	88	<0.2	<0.2	2.3	2.3					
IM11	Fine	Moderate	14:27	8.2	Surface	1.0	0.6	89	29.3	29.3	8.0	8.0	24.1	24.1	107.8	107.5	7.2	6.8	5.5	10.3	4	4	83	86	822066	811483	<0.2	<0.2	1.8	1.8			
						1.0	0.7	96	29.3	29.3	8.0	8.0	24.2	24.1	107.2	107.5	7.2	6.8	5.6	10.3	2	4	84	85	<0.2	<0.2	1.7	1.7					
					Middle	4.1	0.6	84	28.5	28.5	7.9	7.9	25.7	25.7	94.0	94.0	6.3	6.3	9.7	9.6	5	4	85	86	<0.2	<0.2	1.8	1.8					
						4.1	0.6	88	28.5	28.5	7.9	7.9	25.7	25.7	93.9	94.0	6.3	6.3	9.6	9.6	4	4	86	88	<0.2	<0.2	1.7	1.7					
					Bottom	7.2	0.4	68	27.9	27.9	7.9	7.9	27.3	27.3	79.4	79.5	5.4	5.4	15.5	15.5	4	4	88	89	<0.2	<0.2	1.6	1.6					
						7.2	0.4	70	27.9	27.9	7.9	7.9	27.3	27.3	79.5	79.5	5.4	5.4	15.5	15.5	6	6	89	89	<0.2	<0.2	1.7	1.7					
IM12	Cloudy	Moderate	14:33	8.4	Surface	1.0	0.6	89	29.0	29.0	8.0	8.0	24.8	24.8	107.8	107.7	7.2	6.9	7.1	11.3	3	4	82	85	821435	812043	<0.2	<0.2	1.8	1.9			
						1.0	0.6	91	29.0	29.0	8.0	8.0	24.8	24.8	107.5	107.7	7.2	6.9	7.2	11.3	3	4	83	86	<0.2	<0.2	1.7	1.7					
					Middle	4.2	0.6	84	28.7	28.7	7.9	7.9	25.2	25.3	97.7	97.4	6.6	6.6	10.7	10.7	4	4	86	86	<0.2	<0.2	2.0	2.0					
						4.2	0.6	90	28.6	28.6	7.9	7.9	25.5	25.3	97.1	97.4	6.5	6.5	10.7	10.7	3	4	86	87	<0.2	<0.2	2.0	2.0					
					Bottom	7.4	0.6	72	27.8	27.8	7.9	7.9	27.3	27.3	73.5	73.6	5.0	5.0	16.1	16.2	4	4	87	87	<0.2	<0.2	2.0	2.0					
						7.4	0.6	72	27.8	27.8	7.9	7.9	27.3	27.3	73.7	73.6	5.0	5.0	16.2	16.2	4	4	87	87	<0.2	<0.2	2.0	2.0					
SR2	Cloudy	Calm	14:50	4.6	Surface	1.0	0.4	78	29.0	29.0	8.0	8.0	25.3	25.3	112.5	112.2	7.5	7.5	3.7	4.5	3	4	83	84	821475	814141	<0.2	<0.2	1.8	1.9			
						1.0	0.4	85	28.9	28.9	8.0	8.0	25.4	25.3	111.9	112.2	7.5	7.5	3.7	4.5	4	4	84	85	<0.2	<0.2	2.0	2.0					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-	<0.2	<0.2	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-	<0.2	<0.2	-
					Bottom	3.6	0.3	73	28.7	28.7	8.0	8.0	25.9	25.9	100.4	100.5	6.7	6.7	5.3	5.3	5	5	85	86	<0.2	<0.2	1.8	1.8					
						3.6	0.3	80	28.7	28.7	8.0	8.0	25.9	25.9	100.5	100.5	6.7	6.7	5.3	5.3	5	5	86	86	<0.2	<0.2	1.8	1.8					
SR3	Fine	Moderate	13:52	9.9	Surface	1.0	0.3	203	29.5	29.5	7.9	7.9	22.8	22.8	103.4	103.3	7.0	6.8	6.1	7.7	4	5	-	-	822128	807581	-	-	-	-			
						1.0	0.3	214	29.5	29.5	7.9	7.9	22.8	22.8	103.2	103.3	7.0	6.8	6.2	7.7	4	5	-	-	-	-	-	-	-	-			
					Middle	5.0	0.2	98	28.4	28.4	7.9	7.9	26.2	26.2	97.8	97.7	6.6	6.6	7.5	7.5	4	4	-	-	-	-	-	-	-	-	-	-	
						5.0	0.2	99	28.3	28.3	7.9	7.9	26.3	26.3	97.6	97.6	6.6	6.6	7.6	7.6	5	5	-	-	-	-	-	-	-	-	-	-	
					Bottom	8.9	0.4	93	27.8	27.8	7.9	7.9	27.7	27.7	92.4	92.4	6.2	6.2	9.5	9.5	6	6	-	-	-	-	-	-	-	-	-	-	-
						8.9	0.4	100	27.8	27.8	7.9	7.9	27.8	27.8	92.4	92.4	6.2	6.2	9.5	9.5	7	7	-	-	-	-	-	-	-	-	-	-	-
SR4A	Cloudy	Calm	15:00	8.5	Surface	1.0	0.4	173	28.5	28.5	8.0	8.0	26.9	26.9	104.5	104.4	7.0	6.8	5.9	7.1	4	6	-	-	817213	807785	-	-	-	-			
						1.0	0.4	188	28.5	28.5	8.0	8.0	26.9	26.9	104.3	104.4	7.0	6.8	5.9	7.1	6	6	-	-	-	-	-	-	-	-	-		
					Middle	4.3	0.3	151	28.2	28.2	7.9	7.9	27.1	27.1	99.2	99.1	6.7	6.6	6.1	6.1	5	5	-	-	-	-	-	-	-	-	-	-	
						4.3	0.4	152	28.2	28.2	7.9	7.9	27.1	27.1	99.0	99.0	6.6	6.6	6.1	6.1	5	5	-	-	-	-	-	-	-	-	-	-	
					Bottom	7.5	0.3	129	28.2	28.2	7.9	7.9	27.3	27.3	96.7	96.8	6.5	6.5	9.5	9.5	7	7	-	-	-	-	-	-	-	-	-	-	-
						7.5	0.3	141	28.2	28.2	7.9	7.9	27.3	27.3	96.8	96.8	6.5	6.5	9.3	9.3	6	6	-	-	-	-	-	-	-	-	-	-	
SR5A	Cloudy	Calm	15:16	4.5	Surface	1.0	0.2	132	28.5	28.5	8.0	8.0	26.7	26.7	106.3	106.3	7.1	7.1	3.4	4.3	3	4	-	-	816595	810696	-	-	-	-			
						1.0	0.2	134	28.5	28.5	8.0	8.0	26.7	26.7	106.2	106.3	7.1	7.1	3.4	4.3	4	4	-	-	-	-	-	-	-	-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	
					Bottom	3.5	0.2	101	28.5	28.5	8.0	8.0	26.7	26.8	105.4	105.3	7.1	7.1	5.2	5.2	4	4	-	-	-	-	-	-	-	-	-		
						3.5	0.2	105	28.4	28.4	8.0	8.0	26.8	26.8	105.2	105.3	7.1	7.1	5.2	5.2	4	4	-	-	-	-	-	-	-	-	-		
SR6	Cloudy	Calm	15:38	4.8	Surface	1.0	0.3	114	28.6	28.6	8.0	8.0	26.5	26.5	108.7	108.5	7.3	7.3	3.4	4.9	4	4	-	-	817905	814679	-	-	-	-			
						1.0	0.3	124	28.6	28.6	8.0																						

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

Water Quality Monitoring

Water Quality Monitoring Results on 02 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA
C1	Fine	Moderate	08:43	8.9	Surface	1.0	0.7	29	28.5	7.9	7.9	24.7	24.7	94.6	94.5	6.4	6.1	4.2	6.1	5	6	81	83	85	83	815591	804242	<0.2	1.6	1.6	1.6			
						1.0	0.7	30	28.4	7.9	7.9	24.7	24.7	94.4	94.5	6.4	6.1	4.3	6.1	4	6	81	83	84	83	815591	804242	<0.2	1.6	1.6	1.6			
						4.5	0.6	27	27.9	7.9	7.9	27.0	27.0	86.6	86.6	5.8	5.8	6.5	6.5	5	6	81	83	84	83	815591	804242	<0.2	1.6	1.6	1.6			
					Middle	4.5	0.7	27	27.9	7.9	7.9	27.0	27.0	86.6	86.6	5.8	5.8	6.5	6.5	5	6	81	83	84	83	815591	804242	<0.2	1.6	1.6	1.6	1.6		
						7.9	0.4	19	27.7	7.9	7.9	28.4	28.3	82.8	82.8	5.6	5.6	9.4	9.4	6	6	81	83	84	83	815591	804242	<0.2	1.6	1.6	1.6	1.6		
						7.9	0.4	20	27.8	7.9	7.9	28.3	28.3	83.0	82.9	5.6	5.6	9.3	9.3	8	6	81	83	84	83	815591	804242	<0.2	1.6	1.6	1.6	1.6		
C2	Fine	Moderate	09:00	12.2	Surface	1.0	0.5	344	29.5	7.9	7.9	20.5	20.5	95.7	95.6	6.5	5.8	7.6	5.8	5	5	81	83	85	83	825676	806960	<0.2	3.1	3.0	3.0			
						1.0	0.5	350	29.5	7.9	7.9	20.5	20.5	95.5	95.6	6.5	5.8	7.6	5.8	3	5	81	83	85	83	825676	806960	<0.2	3.1	3.0	3.0			
						6.1	0.5	19	28.7	7.9	7.9	24.9	24.9	74.5	74.6	5.0	5.0	9.3	9.3	3	5	81	83	85	83	825676	806960	<0.2	3.1	3.0	3.0			
					Middle	6.1	0.5	20	28.7	7.9	7.9	24.9	24.9	74.6	74.6	5.0	5.0	9.3	9.3	5	5	81	83	85	83	825676	806960	<0.2	3.1	3.0	3.0	3.0		
						11.2	0.4	22	28.6	7.9	7.9	25.3	25.3	75.0	75.0	5.1	5.1	12.1	12.1	5	5	81	83	85	83	825676	806960	<0.2	2.8	2.8	2.8	2.8		
						11.2	0.4	23	28.6	7.9	7.9	25.4	25.3	75.0	75.0	5.1	5.1	12.1	12.1	6	5	81	83	85	83	825676	806960	<0.2	2.9	2.9	2.9	2.9		
C3	Fine	Moderate	07:12	12.0	Surface	1.0	0.5	289	28.6	8.0	8.0	24.6	24.6	94.8	94.8	6.4	6.1	3.1	4.1	3	4	83	85	87	85	822113	817828	<0.2	2.5	2.1	2.1			
						1.0	0.5	315	28.6	8.0	8.0	24.6	24.6	94.7	94.8	6.4	6.1	3.1	4.1	4	4	83	85	87	85	822113	817828	<0.2	2.5	2.1	2.1			
						6.0	0.4	289	27.8	7.9	7.9	27.1	27.2	84.8	84.7	5.7	5.7	4.2	4.1	3	4	83	85	87	85	822113	817828	<0.2	2.3	2.3	2.3			
					Middle	6.0	0.5	304	27.7	7.9	7.9	27.2	27.2	84.6	84.7	5.7	5.7	4.1	4.1	4	4	83	85	87	85	822113	817828	<0.2	2.6	2.6	2.6	2.6		
						11.0	0.3	307	27.0	7.9	7.9	29.9	29.9	74.7	74.8	5.0	5.0	5.1	5.1	4	4	83	85	87	85	822113	817828	<0.2	2.8	2.8	2.8	2.8		
						11.0	0.3	317	27.1	7.9	7.9	29.9	29.9	74.8	74.8	5.0	5.0	5.3	5.3	5	4	83	85	87	85	822113	817828	<0.2	2.2	2.2	2.2	2.2		
IM1	Fine	Moderate	09:00	5.2	Surface	1.0	0.5	344	29.0	8.0	8.0	23.5	23.5	100.8	100.8	6.8	6.8	5.2	6.0	4	6	81	81	81	82	817972	807154	<0.2	1.8	1.8	1.8	1.8		
						1.0	0.5	355	29.0	8.0	8.0	23.6	23.6	100.7	100.7	6.8	6.8	5.3	6.0	6	6	81	81	81	82	817972	807154	<0.2	1.8	1.8	1.8	1.8		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	817972	807154	<0.2	-	-	-
					Middle	4.2	0.2	283	28.9	8.0	8.0	24.0	23.9	93.4	93.5	6.3	6.3	6.8	6.0	8	6	83	83	84	84	84	84	817972	807154	<0.2	1.9	1.9	1.9	1.9
						4.2	0.3	299	28.9	8.0	8.0	23.9	23.9	93.5	93.5	6.3	6.3	6.6	6.0	6	6	83	83	84	84	84	84	817972	807154	<0.2	1.6	1.6	1.6	1.6
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	817972	807154	<0.2	-	-	-
IM2	Fine	Moderate	09:04	7.8	Surface	1.0	0.5	284	29.1	8.0	8.0	23.8	23.8	87.6	87.5	5.9	5.4	5.4	7.0	7	7	81	81	81	84	818156	806175	<0.2	1.7	1.7	1.7	1.7		
						1.0	0.5	304	29.0	8.0	8.0	23.9	23.9	87.4	87.5	5.9	5.4	5.4	7.0	6	7	81	81	81	84	818156	806175	<0.2	1.6	1.6	1.6	1.6		
						3.9	0.7	265	28.5	7.9	7.9	25.7	25.7	72.4	72.6	4.9	4.9	6.8	6.0	8	7	83	83	83	84	818156	806175	<0.2	1.6	1.6	1.6	1.6		
					Middle	3.9	0.8	289	28.6	7.9	7.9	25.6	25.7	72.6	72.6	4.9	4.9	6.8	6.0	6	7	83	83	83	84	818156	806175	<0.2	1.6	1.6	1.6	1.6		
						6.8	0.5	259	28.5	7.8	7.8	26.9	26.9	69.7	70.1	4.7	4.7	8.8	7.0	9	7	86	86	86	86	818156	806175	<0.2	1.6	1.6	1.6	1.6		
						6.8	0.5	275	28.6	7.8	7.8	26.9	26.9	70.4	70.4	4.7	4.7	8.9	7.0	8	7	86	86	86	86	818156	806175	<0.2	1.7	1.7	1.7	1.7		
IM3	Fine	Moderate	09:11	7.6	Surface	1.0	0.4	214	29.1	7.9	7.9	23.0	23.0	93.7	93.6	6.3	6.1	4.1	6.1	4	5	81	81	81	84	818781	805608	<0.2	1.5	1.5	1.5	1.5		
						1.0	0.4	232	29.1	7.9	7.9	23.0	23.0	93.5	93.6	6.3	6.1	4.1	6.1	4	5	81	81	81	84	818781	805608	<0.2	1.6	1.6	1.6	1.6		
						3.8	0.4	243	28.4	7.9	7.9	26.2	26.3	80.0	78.1	5.4	5.4	6.4	6.1	6	5	84	84	84	84	818781	805608	<0.2	1.6	1.6	1.6	1.6		
					Middle	3.8	0.5	255	28.3	7.9	7.9	26.4	26.4	76.2	76.2	5.1	5.1	6.3	6.1	5	5	84	84	84	84	818781	805608	<0.2	1.7	1.7	1.7	1.7		
						6.6	0.4	227	28.2	7.9	7.9	26.8	26.7	76.9	77.1	5.2	5.2	7.9	6.1	5	5	86	86	86	86	818781	805608	<0.2	1.6	1.6	1.6	1.6		
						6.6	0.4	249	28.3	7.9	7.9	26.7	26.7	77.3	77.3	5.2	5.2	7.9	6.1	7	5	86	86	86	86	818781	805608	<0.2	1.6	1.6	1.6	1.6		
IM4	Fine	Moderate	09:19	8.3	Surface	1.0	0.8	309	29.1	7.9	7.9	22.5	22.5	93.6	93.6	6.3	6.0	5.4	7.5	3	5	82	83	83	84	819747	804611	<0.2	1.7	1.8	1.8	1.8		
						1.0	0.8	339	29.1	7.9	7.9	22.5	22.5	93.5	93.6	6.3	6.0	5.4	7.5	5	5	83	83	83	84	819747	804611	<0.2	1.8	1.8	1.8	1.8		
						4.2	0.7	316	29.0	7.9	7.9	23.6	23.7	83.7	83.6	5.7	5.7	7.3	6.0	6	5	83	83	83	84	819747	804611	<0.2	1.8	1.8	1.8	1.8		
					Middle	4.2	0.8	334	29.0	7.9	7.9	23.8	23.7	83.5	83.6	5.6	5.6	6.9	6.0	5	5	83	83	83	84	819747	804611	<0.2	1.9	1.9	1.9	1.9		
						7.3	0.7	311	28.6	7.9	7.9	25.3	25.3	78.2	78.2	5.3	5.3	10.0	6.0	6	5	85	85	85	85	819747	804611	<0.2	1.8	1.8	1.8	1.8		
						7.3	0.7	337	28.6	7.9	7.9	25.3	25.3	78.4	78.3	5.3	5.3	9.9	6.0	6	5	86	86	86	86	819747	804611	<0.2	1.8	1.8	1.8	1.8		
IM5	Fine	Moderate	09:31	6.3	Surface	1.0	0.6	326	29.1	8.0	8.0	22.8	22.8	93.0	92.9	6.3	6.3	4.2	5.7	3	4	83	83	83	85	820759	804886	<0.2	1.9	1.9	1.9	1.9		
						1.0	0.7	340	29.1	8.0	8.0	22.8	22.8	92.8	92.9	6.3	6.3	4.2	5.7	2														

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

Water Quality Monitoring

Water Quality Monitoring Results on 02 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
IM9	Fine	Moderate	08:29	7.6	Surface	1.0	0.3	305	29.1	29.1	8.0	8.0	22.8	22.8	92.8	92.7	6.3	6.3	3.3	3.3	3	3	84	84	822098	808814	<0.2	<0.2	2.2	2.2						
						1.0	0.3	316	29.1	29.1	8.0	8.0	22.8	22.8	92.5	92.7	6.3	6.3	3.3	3.3	3	3	84	84	<0.2	<0.2	2.1	2.1								
						3.8	0.3	300	29.1	29.1	7.9	7.9	22.9	22.9	90.9	90.9	6.2	6.2	5.3	5.3	3	3	86	86	<0.2	<0.2	2.0	2.0								
					Middle	3.8	0.3	326	29.1	29.1	7.9	7.9	22.9	22.9	90.8	90.9	6.1	6.1	5.4	5.4	4	4	86	86	<0.2	<0.2	2.2	2.2								
						6.6	0.2	308	29.0	29.0	7.9	7.9	23.2	23.2	86.7	86.8	5.9	5.9	6.9	6.9	6	6	87	87	<0.2	<0.2	2.5	2.5								
						6.6	0.2	330	29.0	29.0	7.9	7.9	23.3	23.2	86.8	86.8	5.9	5.9	6.9	6.9	6	6	88	88	<0.2	<0.2	2.3	2.3								
IM10	Fine	Moderate	08:21	8.4	Surface	1.0	0.5	323	29.1	29.1	7.9	7.9	22.6	22.6	94.0	94.0	6.4	6.4	4.5	4.5	3	3	83	83	822403	809779	<0.2	<0.2	2.2	2.2						
						1.0	0.5	335	29.1	29.1	7.9	7.9	22.6	22.6	93.9	94.0	6.4	6.4	4.5	4.5	3	3	84	84	<0.2	<0.2	2.2	2.2								
						4.2	0.5	331	28.9	28.9	7.9	7.9	24.0	24.0	80.9	80.9	5.5	5.5	5.0	5.0	3	3	85	85	<0.2	<0.2	2.4	2.4								
					Middle	4.2	0.6	305	28.8	28.8	7.9	7.9	24.0	24.0	81.1	81.0	5.5	5.5	5.1	5.1	4	4	85	85	<0.2	<0.2	2.4	2.4								
						7.4	0.3	314	28.6	28.6	7.9	7.9	25.5	25.5	77.8	77.8	5.2	5.2	9.1	9.1	3	3	87	87	<0.2	<0.2	2.2	2.2								
						7.4	0.4	339	28.6	28.6	7.9	7.9	25.5	25.5	78.1	78.0	5.3	5.3	9.1	9.1	2	2	87	87	<0.2	<0.2	2.3	2.3								
IM11	Fine	Moderate	08:11	8.3	Surface	1.0	0.4	313	29.0	29.0	7.9	7.9	23.1	23.1	90.9	90.7	6.2	6.2	4.6	4.6	4	4	82	82	822080	811471	<0.2	<0.2	2.0	2.0						
						1.0	0.5	323	28.9	28.9	7.9	7.9	23.1	23.1	90.5	90.7	6.1	6.1	4.8	4.8	4	4	82	82	<0.2	<0.2	2.0	2.0								
						4.2	0.4	319	28.2	28.2	7.9	7.9	26.6	26.6	74.7	74.7	5.0	5.0	6.4	6.4	3	3	84	84	<0.2	<0.2	2.1	2.1								
					Middle	4.2	0.4	329	28.2	28.2	7.9	7.9	26.6	26.6	74.7	74.7	5.0	5.0	6.3	6.3	4	4	84	84	<0.2	<0.2	2.0	2.0								
						7.3	0.3	320	28.1	28.1	7.9	7.9	26.9	26.9	76.0	76.1	5.1	5.1	8.6	8.6	4	4	86	86	<0.2	<0.2	2.5	2.5								
						7.3	0.3	320	28.1	28.1	7.9	7.9	26.9	26.9	76.2	76.1	5.1	5.1	8.6	8.6	4	4	86	86	<0.2	<0.2	2.0	2.0								
IM12	Fine	Moderate	08:03	8.7	Surface	1.0	0.4	310	29.1	29.1	8.0	8.0	22.8	22.8	94.5	94.4	6.4	6.4	6.9	6.9	2	2	81	81	821473	812071	<0.2	<0.2	2.0	2.0						
						1.0	0.4	312	29.1	29.1	8.0	8.0	22.8	22.8	94.3	94.4	6.4	6.4	7.0	7.0	2	2	82	82	<0.2	<0.2	2.2	2.2								
						4.4	0.3	288	29.0	29.0	7.9	7.9	24.6	24.6	82.7	82.7	5.6	5.6	8.5	8.5	3	3	84	84	<0.2	<0.2	2.0	2.0								
					Middle	4.4	0.3	302	29.0	29.0	7.9	7.9	24.6	24.6	82.6	82.7	5.6	5.6	8.5	8.5	2	2	84	84	<0.2	<0.2	2.0	2.0								
						7.7	0.3	293	27.9	27.9	7.9	7.9	27.5	27.5	68.1	68.3	4.6	4.6	13.2	13.2	4	4	85	85	<0.2	<0.2	2.3	2.3								
						7.7	0.3	298	27.9	27.9	7.9	7.9	27.6	27.5	68.5	68.3	4.6	4.6	13.2	13.2	3	3	86	86	<0.2	<0.2	3.0	3.0								
SR2	Fine	Moderate	07:46	3.7	Surface	1.0	0.2	29	29.0	29.0	8.0	8.0	23.2	23.3	100.7	100.6	6.8	6.8	2.1	2.1	3	3	83	83	821458	814171	<0.2	<0.2	2.1	2.0						
						1.0	0.3	29	29.0	29.0	8.0	8.0	23.2	23.3	100.5	100.6	6.8	6.8	2.3	2.3	2	2	83	83	<0.2	<0.2	2.0	2.0								
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	821458	814171	<0.2	<0.2	2.2	2.2		
						2.7	0.1	25	28.8	28.8	8.0	8.0	24.1	24.1	94.3	94.5	6.4	6.4	4.9	4.9	3	3	85	85	<0.2	<0.2	2.2	2.2								
						2.7	0.1	27	28.8	28.8	8.0	8.0	24.0	24.1	94.7	94.5	6.4	6.4	4.9	4.9	5	5	86	86	<0.2	<0.2	2.5	2.5								
SR3	Fine	Moderate	08:40	9.6	Surface	1.0	0.2	305	29.3	29.3	7.9	7.9	21.5	21.5	93.4	93.4	6.3	6.3	6.0	6.0	3	3	-	-	822165	807554	-	-	-	-						
						1.0	0.2	320	29.3	29.3	7.9	7.9	21.5	21.5	93.3	93.4	6.3	6.3	6.0	6.0	4	4	-	-	-	-	-	-	-	-						
						4.8	0.2	345	29.0	29.0	7.9	7.9	22.8	22.8	84.6	84.5	5.7	5.7	6.8	6.8	5	5	-	-	-	-	-	-	-	-						
					Middle	4.8	0.2	317	29.0	29.0	7.9	7.9	22.8	22.8	84.4	84.5	5.7	5.7	6.9	6.9	3	3	-	-	-	-	-	-	-	-	-					
						8.6	0.3	67	28.1	28.1	7.9	7.9	26.2	26.2	69.4	69.5	4.7	4.7	9.0	9.0	4	4	-	-	-	-	-	-	-	-						
						8.6	0.3	67	28.1	28.1	7.9	7.9	26.2	26.2	69.6	69.5	4.7	4.7	8.9	8.9	4	4	-	-	-	-	-	-	-	-						
SR4A	Fine	Calm	08:21	8.7	Surface	1.0	0.4	251	28.6	28.6	8.0	8.0	24.6	24.6	95.1	95.0	6.4	6.4	4.1	4.1	4	4	-	-	817189	807813	-	-	-	-						
						1.0	0.4	271	28.6	28.6	8.0	8.0	24.6	24.6	94.9	94.9	6.4	6.4	4.1	4.1	3	3	-	-	-	-	-	-	-							
						4.4	0.3	222	28.1	28.1	7.9	7.9	25.4	25.4	89.8	89.6	6.1	6.1	6.3	6.3	4	4	-	-	-	-	-	-	-							
					Middle	4.4	0.3	240	28.0	28.0	7.9	7.9	25.4	25.4	89.4	89.4	6.1	6.1	6.3	6.3	3	3	-	-	-	-	-	-	-	-						
						7.7	0.1	56	27.6	27.6	7.9	7.9	28.3	28.3	81.7	81.8	5.5	5.5	8.5	8.5	6	6	-	-	-	-	-	-	-							
						7.7	0.1	58	27.6	27.6	7.9	7.9	28.3	28.3	81.8	81.8	5.5	5.5	8.5	8.5	5	5	-	-	-	-	-	-	-							
SR5A	Fine	Calm	08:06	4.4	Surface	1.0	0.3	215	27.7	27.7	7.9	7.9	27.2	27.1	88.7	88.7	6.0	6.0	4.3	4.3	2	2	-	-	816586	810672	-	-	-	-						
						1.0	0.3	233	27.8	27.8	7.9	7.9	27.1	27.1	88.6	88.6	6.0	6.0	4.3	4.3	3	3	-	-	-	-	-	-								
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
						3.4	0.2	206	27.7	27.7	7.9	7.9	27.6	27.6	87.5	87.7	5.9	5.9	5.6	5.6	4	4	-	-	-	-	-	-	-							
						3.4	0.2	219	27.7	27.7	7.9	7.9	27.6	27.6	87.8	87.7	5.9	5.9	5.5	5.5	3	3	-	-	-	-	-	-								
SR6	Fine	Calm	07:50	4.6	Surface	1.0	0.4	223	27.8	27.8	7.9	7.9	27.0	27.0	89.4	89.4	6.1	6.1	3.2	3.2	2	2	-	-	817899	814670	-	-	-	-						
						1.0	0.4	232	27.8	27.8	7.9	7.9	27.0	27.0	89.3	89.4	6.0	6.0	3.2	3.2	2	2	-	-	-	-	-	-								
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
					Middle	-	-	-																												

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

Water Quality Monitoring

Water Quality Monitoring Results on 05 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA		
									Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value			Value	Value	Value	Value	Value	Value	Value	Value
C1	Rainy	Moderate	16:30	9.1	Surface	1.0	0.4	164	28.3	28.3	8.2	8.2	27.7	27.7	103.1	103.1	6.9	6.9	6.9	6.9	7.5	7.5	<2	81	83	815600	804274	<0.2	1.3	1.5				
						1.0	0.4	180	28.3	28.3	8.2	8.2	27.7	27.7	103.1	103.1	6.9	6.9	6.9	6.9	7.5	7.5	2	81	83	815600	804274	<0.2	1.2					
					Middle	4.6	0.4	128	28.1	28.1	8.2	8.2	28.8	28.8	96.5	96.5	6.4	6.4	8.1	8.1	3	83	83	3	81	83	815600	804274	<0.2		1.2			
						4.6	0.4	137	28.1	28.1	8.2	8.2	28.8	28.8	96.5	96.5	6.4	6.4	8.1	8.1	3	83	83	3	81	83	815600	804274	<0.2		1.8			
					Bottom	8.1	0.2	111	28.0	28.0	8.2	8.2	29.3	29.3	103.0	103.0	6.9	6.9	7.4	7.4	5	85	85	3	84	84	815600	804274	<0.2		1.8			
						8.1	0.2	118	28.0	28.0	8.2	8.2	29.3	29.3	103.0	103.0	6.9	6.9	7.4	7.4	3	84	84	3	84	84	815600	804274	<0.2		2.6			
C2	Cloudy	Moderate	15:35	11.4	Surface	1.0	0.2	181	29.0	29.0	8.0	8.0	22.8	22.8	105.3	105.3	7.2	7.2	5.6	5.6	10.7	10.7	2	80	82	825679	806954	<0.2	2.3	2.2				
						1.0	0.2	190	29.0	29.0	8.0	8.0	22.8	22.8	105.3	105.3	7.1	7.1	5.7	5.7	2	80	82	2	80	82	825679	806954	<0.2		2.1			
					Middle	5.7	0.4	173	28.3	28.3	7.9	7.9	25.4	25.4	82.3	82.3	5.6	5.6	9.6	9.6	2	82	82	3	82	82	825679	806954	<0.2		2.1			
						5.7	0.5	182	28.3	28.3	7.9	7.9	25.4	25.4	82.3	82.3	5.6	5.6	9.8	9.8	3	82	82	3	82	82	825679	806954	<0.2		2.2			
					Bottom	10.4	0.3	161	27.5	27.5	7.9	7.9	27.9	27.9	69.5	69.5	4.7	4.7	16.8	16.8	3	84	84	3	84	84	825679	806954	<0.2		2.0			
						10.4	0.3	163	27.5	27.5	7.9	7.9	27.9	27.9	69.6	69.6	4.7	4.7	16.6	16.6	3	84	84	3	84	84	825679	806954	<0.2		2.2			
C3	Cloudy	Moderate	17:25	12.6	Surface	1.0	0.5	107	28.5	28.5	8.1	8.1	24.8	24.8	97.9	97.9	6.6	6.6	5.9	5.9	9.1	9.1	3	80	82	822137	817781	<0.2	1.7	1.6				
						1.0	0.5	116	28.5	28.5	8.1	8.1	24.8	24.8	97.8	97.8	6.6	6.6	5.9	5.9	3	80	82	3	80	82	822137	817781	<0.2		1.6			
					Middle	6.3	0.2	63	28.1	28.1	8.0	8.0	26.2	26.2	91.5	91.5	6.2	6.2	6.6	6.6	3	82	82	4	82	82	822137	817781	<0.2		1.4			
						6.3	0.2	66	28.1	28.1	8.0	8.0	26.2	26.2	91.6	91.6	6.2	6.2	6.6	6.6	4	83	83	4	83	83	822137	817781	<0.2		1.4			
					Bottom	11.6	0.2	67	27.5	27.5	8.0	8.0	27.8	27.8	85.9	85.9	5.8	5.8	14.9	14.9	3	85	85	3	85	85	822137	817781	<0.2		1.7			
						11.6	0.3	69	27.5	27.5	8.0	8.0	27.8	27.8	86.3	86.3	5.8	5.8	14.5	14.5	4	84	84	3	84	84	822137	817781	<0.2		1.6			
IM1	Rainy	Moderate	16:13	5.4	Surface	1.0	0.2	204	28.3	28.3	8.2	8.2	27.8	27.8	95.8	95.8	6.4	6.4	8.5	8.5	10.4	10.4	2	81	82	817948	807116	<0.2	1.6	1.6				
						1.0	0.2	212	28.3	28.3	8.2	8.2	27.8	27.8	95.8	95.8	6.4	6.4	8.5	8.5	3	81	82	3	81	82	817948	807116	<0.2		1.6			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
					Bottom	4.4	0.2	155	28.0	28.0	8.2	8.2	28.4	28.4	93.0	93.0	6.2	6.2	12.2	12.2	3	83	83	3	83	83	817948	807116	<0.2		1.6			
						4.4	0.2	160	28.0	28.0	8.2	8.2	28.4	28.4	93.0	93.0	6.2	6.2	12.2	12.2	2	84	84	2	84	84	817948	807116	<0.2		1.5			
IM2	Rainy	Moderate	16:07	7.8	Surface	1.0	0.4	187	28.4	28.4	8.3	8.3	27.3	27.3	105.9	105.9	7.1	7.1	6.6	6.6	8.3	8.3	2	81	83	818135	806156	<0.2	1.9	1.8				
						1.0	0.4	200	28.4	28.4	8.3	8.3	27.3	27.3	105.9	105.9	7.1	7.1	6.6	6.6	3	81	83	3	81	83	818135	806156	<0.2		1.8			
					Middle	3.9	0.4	160	28.2	28.2	8.2	8.2	28.0	28.0	97.1	97.1	6.5	6.5	6.7	6.7	2	83	83	4	83	83	818135	806156	<0.2		1.9			
						3.9	0.4	169	28.2	28.2	8.2	8.2	28.0	28.0	97.1	97.1	6.5	6.5	6.7	6.7	4	84	84	4	84	84	818135	806156	<0.2		1.8			
					Bottom	6.8	0.2	129	27.9	27.9	8.1	8.1	29.1	29.1	96.0	96.0	6.4	6.4	11.5	11.5	4	85	85	2	85	85	818135	806156	<0.2		1.8			
						6.8	0.3	141	27.9	27.9	8.1	8.1	29.1	29.1	96.0	96.0	6.4	6.4	11.5	11.5	2	85	85	2	85	85	818135	806156	<0.2		1.8			
IM3	Rainy	Moderate	16:02	8.1	Surface	1.0	0.5	176	28.4	28.4	8.3	8.3	27.2	27.2	104.5	104.5	7.0	7.0	6.5	6.5	6.8	6.8	3	81	83	818754	805566	<0.2	1.7	1.8				
						1.0	0.5	193	28.4	28.4	8.3	8.3	27.2	27.2	104.5	104.5	7.0	7.0	6.5	6.5	2	80	82	2	80	82	818754	805566	<0.2		1.9			
					Middle	4.1	0.4	124	28.1	28.1	8.2	8.2	28.0	28.0	99.9	99.9	6.7	6.7	6.8	6.8	3	84	84	3	84	84	818754	805566	<0.2		1.9			
						4.1	0.5	128	28.1	28.1	8.2	8.2	28.0	28.0	99.9	99.9	6.7	6.7	6.8	6.8	3	84	84	3	84	84	818754	805566	<0.2		1.9			
					Bottom	7.1	0.3	109	28.1	28.1	8.2	8.2	29.0	29.0	107.8	107.8	7.2	7.2	7.2	7.2	4	85	85	3	85	85	818754	805566	<0.2		1.8			
						7.1	0.4	112	28.1	28.1	8.2	8.2	29.0	29.0	107.8	107.8	7.2	7.2	7.2	7.2	3	84	84	3	84	84	818754	805566	<0.2		1.8			
IM4	Rainy	Moderate	15:54	8.4	Surface	1.0	0.4	136	28.5	28.5	8.3	8.3	26.8	26.8	104.3	104.3	7.0	7.0	6.8	6.8	9.0	9.0	3	81	83	819714	804589	<0.2	2.2	2.2				
						1.0	0.4	137	28.5	28.5	8.3	8.3	26.8	26.8	104.3	104.3	7.0	7.0	6.8	6.8	2	81	83	2	81	83	819714	804589	<0.2		2.2			
					Middle	4.2	0.4	122	28.2	28.2	8.2	8.2	27.1	27.1	92.2	92.2	6.2	6.2	7.8	7.8	2	84	84	3	84	84	819714	804589	<0.2		2.2			
						4.2	0.4	123	28.2	28.2	8.2	8.2	27.1	27.1	92.2	92.2	6.2	6.2	7.8	7.8	4	83	83	4	83	83	819714	804589	<0.2		2.3			
					Bottom	7.4	0.3	106	27.9	27.9	8.1	8.1	29.0	29.0	92.6	92.6	6.2	6.2	12.4	12.4	2	84	84	2	84	84	819714	804589	<0.2		2.2			
						7.4	0.3	114	27.9	27.9	8.1	8.1	29.0	29.0	92.6	92.6	6.2	6.2	12.4	12.4	4	85	85	4	85	85	819714	804589	<0.2		2.2			
IM5	Cloudy	Moderate	15:47	7.6	Surface	1.0	0.4	179	28.5	28.5	8.2	8.2	26.7	26.7	111.0	111.0	7.4	7.4	6.5	6.5	8.9	8.9	3	79	82	820763	804851	<0.2	2.1	2.1				
						1.0	0.4	187	28.5	28.5	8.2	8.2	26.7	26.7	111.0	111.0	7.4	7.4	6.5	6.5	2	80	82	2	80	82	820763	804851	<0.2		2.1			
					Middle	3.8	0.3	141	28.3	28.3	8.2	8.2	27.3	27.3	98.9	98.9	6.6	6.6	8.3	8.3	3	81	81	4	81	81	820763	804851	<0.2		2.0			
						3.8	0.4	149	28.3	28.3	8.2	8.2	27.3	27.3	98.9	98.9	6.6	6.6	8.3	8.3	3	8												

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

Water Quality Monitoring

Water Quality Monitoring Results on 05 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)												
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA									
									Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value			Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value			
IM9	Cloudy	Moderate	16:08	7.7	Surface	1.0	0.2	167	28.7	28.7	8.1	8.1	24.3	24.3	106.3	106.3	7.2	7.2	5.2	5.2	<2	81	83	83	83	822074	808803	<0.2	1.8	1.7											
						1.0	0.2	174	28.7	8.1	8.1	24.3	24.3	106.2	106.3	7.2	7.2	5.2	5.2	2	80	83	83	83	<0.2			1.7													
						3.9	0.2	162	28.5	8.1	8.1	25.2	25.2	98.2	98.2	6.6	6.6	5.9	5.9	2	83	83	83	83	<0.2			1.7													
					Middle	3.9	0.2	175	28.5	8.1	8.1	25.2	25.2	98.2	98.2	6.6	6.6	5.9	5.9	3	83	83	83	83	<0.2			1.7													
						6.7	0.2	77	28.3	8.1	8.1	26.4	26.3	97.9	97.9	6.6	6.6	7.6	7.6	2	85	85	85	85	<0.2			1.8													
						6.7	0.2	77	28.3	8.1	8.1	26.3	26.3	97.9	97.9	6.6	6.6	7.6	7.6	3	85	85	85	85	<0.2			1.6													
					IM10	Cloudy	Moderate	16:16	7.4	Surface	1.0	0.4	129	28.8	28.8	8.1	8.1	23.9	23.9	105.3	105.3	7.1	7.1	5.1	5.1			2	81		83	83	83	822380	809817	<0.2	1.8	1.6			
											1.0	0.4	141	28.8	8.1	8.1	23.9	23.9	105.2	105.3	7.1	7.1	5.1	5.1	2			80	82		83	83	<0.2			1.9					
											3.7	0.3	120	28.4	8.1	8.1	25.6	25.6	94.5	94.5	6.4	6.4	6.4	6.4	2			82	83		83	83	<0.2			1.7					
Middle	3.7	0.4	121	28.4						8.1	8.1	25.6	25.6	94.5	94.5	6.4	6.4	6.4	6.4	3	83	83	83	83	<0.2	1.7															
	6.4	0.2	102	28.3						8.0	8.0	26.1	26.1	92.5	92.5	6.2	6.2	9.2	9.2	3	85	85	85	85	<0.2	1.3															
	6.4	0.2	102	28.3						8.0	8.0	26.1	26.1	92.5	92.5	6.2	6.2	9.3	9.3	4	85	85	85	85	<0.2	1.4															
IM11	Cloudy	Moderate	16:27	7.8						Surface	1.0	0.6	108	28.7	28.7	8.1	8.1	24.2	24.2	103.6	103.6	7.0	7.0	5.5	5.5	2	81	83	83	83	822044	811434	<0.2			1.8	1.7				
											1.0	0.6	108	28.7	8.1	8.1	24.2	24.2	103.6	103.6	7.0	7.0	5.6	5.6	3	80	83	83	83	<0.2			1.7								
											3.9	0.4	110	28.6	8.1	8.1	24.8	24.8	99.2	99.2	6.7	6.7	6.0	6.0	3	83	83	83	83	<0.2			1.8								
					Middle	3.9	0.4	111	28.6	8.1	8.1	24.8	24.8	99.1	99.1	6.7	6.7	6.0	6.0	4	83	83	83	83	<0.2	1.7															
						6.8	0.3	107	28.4	8.0	8.0	25.8	25.8	93.1	93.1	6.3	6.3	10.8	10.8	4	85	85	85	85	<0.2	1.7															
						6.8	0.3	113	28.4	8.0	8.0	25.9	25.8	93.2	93.2	6.3	6.3	10.9	10.9	4	85	85	85	85	<0.2	1.7															
					IM12	Cloudy	Moderate	16:34	8.7	Surface	1.0	0.6	107	28.7	28.7	8.1	8.1	24.2	24.2	104.2	104.2	7.1	7.1	6.5	6.5	3	80	83	83	83			821484	812063	<0.2	2.0		1.8			
											1.0	0.6	113	28.7	8.1	8.1	24.2	24.2	104.1	104.2	7.0	7.0	6.5	6.5	4	81	83	83	83	<0.2					2.2						
											4.4	0.4	106	28.5	8.1	8.1	25.3	25.3	95.8	95.8	6.5	6.5	10.2	10.2	6	83	83	83	83	<0.2					1.8						
Middle	4.4	0.5	112	28.5						8.1	8.1	25.3	25.3	95.8	95.8	6.5	6.5	10.2	10.2	5	85	85	85	85	<0.2	1.6															
	7.7	0.3	98	28.4						8.0	8.0	25.8	25.8	91.4	91.5	6.2	6.2	14.8	14.8	6	85	85	85	85	<0.2	1.7															
	7.7	0.3	98	28.4						8.0	8.0	25.8	25.8	91.6	91.5	6.2	6.2	14.7	14.7	6	85	85	85	85	<0.2	1.7															
SR2	Cloudy	Moderate	17:04	4.8						Surface	1.0	0.4	86	28.7	28.7	8.1	8.1	24.1	24.1	102.6	102.6	6.9	6.9	6.9	6.9	3	80	83	83	83	821440	814139			<0.2	1.8	1.8				
											1.0	0.5	89	28.7	8.1	8.1	24.1	24.1	102.6	102.6	6.9	6.9	7.0	7.0	4	81	83	83	83	<0.2					1.8						
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-			-	-	-
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-						
						3.8	0.3	86	28.6	8.0	8.0	24.7	24.7	98.4	98.4	6.7	6.7	10.2	10.2	6	83	83	83	83	<0.2	1.7															
						3.8	0.3	87	28.5	8.0	8.0	24.7	24.7	98.4	98.4	6.7	6.7	10.3	10.3	6	82	83	83	83	<0.2	1.7															
					SR3	Cloudy	Moderate	15:54	9.7	Surface	1.0	0.3	205	28.8	28.8	8.1	8.1	23.6	23.6	106.4	106.4	7.2	7.2	5.2	5.2	3	-	-	-	-			822147	807549	-	-		-			
											1.0	0.3	215	28.8	8.1	8.1	23.6	23.6	106.4	106.4	7.2	7.2	5.2	5.2	2	-	-	-	-	-					-	-			-	-	-
											4.9	0.2	193	28.4	8.0	8.0	25.3	25.3	98.3	98.3	6.6	6.6	5.5	5.5	4	-	-	-	-	-					-	-			-	-	-
Middle	4.9	0.2	211	28.4						8.0	8.0	25.3	25.3	98.3	98.3	6.6	6.6	5.5	5.5	3	-	-	-	-	-	-	-	-	-	-	-	-									
	8.7	0.1	43	28.3						8.1	8.1	26.3	26.3	103.9	103.9	7.0	7.0	6.0	6.0	4	-	-	-	-	-	-	-	-	-	-	-										
	8.7	0.1	45	28.3						8.1	8.1	26.3	26.3	103.9	103.9	7.0	7.0	6.0	6.0	2	-	-	-	-	-	-	-	-	-	-	-										
SR4A	Rainy	Moderate	16:52	8.6						Surface	1.0	0.3	159	28.2	28.2	8.2	8.2	28.0	28.0	91.9	91.9	6.1	6.1	8.0	8.0	3	-	-	-	-	817213	807821			-	-	-				
											1.0	0.4	166	28.2	8.2	8.2	28.0	28.0	91.9	91.9	6.1	6.1	8.0	8.0	3	-	-	-	-	-					-	-			-	-	
											4.3	0.3	128	28.0	8.1	8.1	28.5	28.5	86.4	86.4	5.8	5.8	9.6	9.6	4	-	-	-	-	-					-	-			-	-	
					Middle	4.3	0.3	131	28.0	8.1	8.1	28.5	28.5	86.4	86.4	5.8	5.8	9.6	9.6	5	-	-	-	-	-	-	-	-	-	-											
						7.6	0.3	81	28.0	8.1	8.1	28.7	28.7	91.7	91.7	6.1	6.1	10.7	10.7	4	-	-	-	-	-	-	-	-	-												
						7.6	0.3	84	28.0	8.1	8.1	28.7	28.7	91.7	91.7	6.1	6.1	10.7	10.7	6	-	-	-	-	-	-	-	-	-												
					SR5A	Rainy	Moderate	17:08	5.0	Surface	1.0	0.3	128	28.5	28.5	8.2	8.2	26.3	26.3	98.7	98.7	6.6	6.6	8.3	8.3	4	-	-	-	-			816566	810700	-	-		-			
											1.0	0.3	137	28.5	8.2	8.2	26.3	26.3	98.7	98.7	6.6	6.6	8.3	8.3	5	-	-	-	-	-					-	-			-		
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-			-	-	
Middle	-	-	-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
	4.0	0.2	95	28.4						8.1	8.1	27.1	27.1	96.6	96.6	6.5	6.5	9.3	9.3	4	-	-	-	-	-	-	-	-													
	4.0	0.2	102	28.4						8.1	8.1	27.1	27.1	96.6	96.6	6.5	6.5	9.3	9.3	5	-	-	-	-	-	-	-	-													
SR6	Rainy	Moderate	17:29	4.3						Surface	1.0	0.2	106	28.7	28.7	8.2	8.2	25.8	25.8	107.0	107.0	7.2	7.2	12.5	12.5	8	-	-	-	-	817922	814666			-	-	-				
											1.0	0.2	107	28.7	8.2	8.2	25.8	25.8	107.0	107.0	7.2	7.2	12.5	12.5	7	-	-	-	-	-					-	-					
											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-			-		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
						3.3	0.2	72	28.6	8.2	8.2	25.9	25.9	106.0	106.0	7.1	7.1	11.9	11.9	8	-	-	-	-	-	-	-														
						3.3	0.2	77	28.6	8.2	8.2	25.9	25.9	106.0	106.0	7.1	7.1	11.9	11.9	8																					

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

Water Quality Monitoring

Water Quality Monitoring Results on 05 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA					
C1	Cloudy	Moderate	10:46	8.8	Surface	1.0	0.7	33	28.2	28.2	8.1	8.1	27.7	27.7	90.1	90.1	6.0	5.8	8.5	10.3	4	4	80	83	83	815632	804257	<0.2	1.6	1.6					
						1.0	0.8	33	28.2	28.2	8.1	8.1	27.7	27.7	90.1	90.1	6.0	5.8	8.5	10.3	4	4	81	83				<0.2	1.8						
						4.4	0.7	30	27.8	27.8	8.1	8.1	29.2	29.2	83.7	83.7	5.6	5.6	9.8	10.3	4	4	83	83				<0.2	1.8						
					4.4	0.7	32	27.8	27.8	8.1	8.1	29.2	29.2	83.7	83.7	5.6	5.6	9.7	10.3	5	4	83	83	<0.2				1.4							
					7.8	0.6	22	27.7	27.7	8.1	8.1	29.8	29.8	88.5	88.5	5.9	5.9	12.6	10.3	4	4	84	85	<0.2				1.5							
					7.8	0.7	22	27.7	27.7	8.1	8.1	29.8	29.8	88.5	88.5	5.9	5.9	12.6	10.3	5	4	84	85	<0.2				1.3							
C2	Cloudy	Moderate	11:17	12.7	Surface	1.0	0.2	337	29.1	29.1	7.8	7.8	21.8	21.8	99.3	99.3	6.8	6.1	5.8	10.2	3	4	81	83	83	825678	806973	<0.2	2.6	2.1					
						1.0	0.2	343	29.1	29.1	7.8	7.8	21.8	21.8	99.2	99.3	6.8	6.1	5.8	10.2	4	4	81	83				<0.2	2.4						
						6.4	0.4	8	28.6	28.6	7.8	7.8	24.7	24.6	80.3	80.3	5.4	5.4	8.9	10.2	4	4	83	83				<0.2	1.9						
					6.4	0.4	8	28.6	28.6	7.8	7.8	24.6	24.6	80.3	80.3	5.4	5.4	8.9	10.2	4	4	83	83	<0.2				1.8							
					11.7	0.4	353	28.1	28.1	7.8	7.8	26.6	26.6	78.1	78.1	5.3	5.3	15.7	10.2	4	4	85	85	<0.2				1.8							
					11.7	0.4	325	28.1	28.1	7.8	7.8	26.6	26.6	78.1	78.1	5.3	5.3	15.9	10.2	5	4	85	85	<0.2				1.8							
C3	Cloudy	Moderate	09:28	12.4	Surface	1.0	0.1	219	28.6	28.6	7.9	7.9	24.4	24.4	99.6	99.6	6.7	6.4	5.6	5.6	4	5	80	83	83	822135	817790	<0.2	1.6	1.6					
						1.0	0.2	226	28.6	28.6	7.9	7.9	24.4	24.4	99.5	99.6	6.7	6.4	5.6	5.6	4	5	81	83				<0.2	1.6						
						6.2	0.2	246	28.3	28.3	7.8	7.8	25.6	25.6	90.5	90.5	6.1	6.1	4.9	5.6	5	5	83	83				<0.2	2.0						
					6.2	0.2	268	28.3	28.3	7.8	7.8	25.6	25.6	90.5	90.5	6.1	6.1	4.9	5.6	4	5	83	83	<0.2				1.4							
					11.4	0.2	301	27.1	27.1	7.8	7.8	28.9	28.9	79.6	79.7	5.4	5.4	6.3	5.6	7	5	84	85	<0.2				1.4							
					11.4	0.2	309	27.1	27.1	7.8	7.8	28.9	28.9	79.8	79.7	5.4	5.4	6.3	5.6	6	5	85	85	<0.2				1.4							
IM1	Cloudy	Moderate	11:03	5.5	Surface	1.0	0.5	338	28.2	28.2	8.1	8.1	27.4	27.4	89.3	89.3	6.0	6.0	8.0	7.5	4	4	80	80	82	817958	807138	<0.2	1.4	1.4					
						1.0	0.5	346	28.2	28.2	8.1	8.1	27.4	27.4	89.3	89.3	6.0	6.0	8.0	7.5	3	4	80	80				<0.2	1.4						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-		-	-	-	-	<0.2
					4.5	0.2	276	28.2	28.2	8.1	8.1	27.6	27.6	93.1	93.1	6.2	6.2	6.9	7.5	4	4	83	84	<0.2				1.4							
					4.5	0.2	287	28.2	28.2	8.1	8.1	27.6	27.6	93.1	93.1	6.2	6.2	6.9	7.5	4	4	84	84	<0.2				1.4							
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-		-	-	-	-	-
IM2	Cloudy	Moderate	11:09	8.0	Surface	1.0	0.5	278	28.3	28.3	8.1	8.1	26.9	26.9	93.7	93.7	6.3	6.2	7.2	7.3	3	4	81	80	82	818152	806150	<0.2	1.4	1.5					
						1.0	0.5	304	28.3	28.3	8.1	8.1	26.9	26.9	93.7	93.7	6.3	6.2	7.2	7.3	2	4	80	83				<0.2	1.6						
						4.0	0.4	267	28.1	28.1	8.1	8.1	28.0	28.0	89.2	89.3	6.0	6.0	8.1	7.3	4	4	83	83				<0.2	1.6						
					4.0	0.5	271	28.1	28.1	8.1	8.1	28.0	28.0	89.3	89.3	6.0	6.0	8.1	7.3	3	4	83	83	<0.2				1.4							
					7.0	0.3	243	28.1	28.1	8.1	8.1	28.3	28.3	97.2	97.2	6.5	6.5	6.5	7.3	5	4	84	83	<0.2				1.4							
					7.0	0.3	246	28.1	28.1	8.1	8.1	28.3	28.3	97.2	97.2	6.5	6.5	6.5	7.3	4	4	83	83	<0.2				1.5							
IM3	Cloudy	Moderate	11:14	8.1	Surface	1.0	0.3	226	28.3	28.3	8.2	8.2	26.6	26.6	96.9	96.9	6.5	6.2	6.8	9.1	4	4	80	81	82	818789	805616	<0.2	1.4	1.4					
						1.0	0.3	238	28.3	28.3	8.2	8.2	26.6	26.6	96.9	96.9	6.5	6.2	6.8	9.1	3	4	81	83				<0.2	1.5						
						4.1	0.3	214	28.1	28.1	8.1	8.1	27.5	27.5	86.7	86.7	5.8	5.8	8.5	9.1	4	4	82	83				<0.2	1.4						
					4.1	0.3	233	28.1	28.1	8.1	8.1	27.5	27.5	86.7	86.7	5.8	5.8	8.5	9.1	3	4	83	84	<0.2				1.4							
					7.1	0.2	179	27.9	27.9	8.1	8.1	29.1	29.1	91.6	91.6	6.1	6.1	11.9	9.1	4	4	84	83	<0.2				1.4							
					7.1	0.2	180	27.9	27.9	8.1	8.1	29.1	29.1	91.6	91.6	6.1	6.1	11.9	9.1	5	4	83	83	<0.2				1.4							
IM4	Cloudy	Moderate	11:21	8.2	Surface	1.0	0.7	312	28.3	28.3	8.2	8.2	26.4	26.4	101.6	101.6	6.8	6.4	6.6	7.5	3	4	80	79	82	819742	804631	<0.2	1.4	1.4					
						1.0	0.7	328	28.3	28.3	8.2	8.2	26.4	26.4	101.6	101.6	6.8	6.4	6.6	7.5	4	4	80	82				<0.2	1.3						
						4.1	0.6	300	28.2	28.2	8.2	8.2	26.5	26.5	88.0	88.0	5.9	5.9	7.8	7.5	3	4	82	82				<0.2	1.4						
					4.1	0.6	322	28.2	28.2	8.2	8.2	26.5	26.5	88.0	88.0	5.9	5.9	7.8	7.5	4	4	82	83	<0.2				1.3							
					7.2	0.5	251	27.9	27.9	8.1	8.1	28.5	28.5	89.4	89.4	6.0	6.0	8.1	7.5	5	4	83	83	<0.2				1.4							
					7.2	0.5	251	28.0	28.0	8.1	8.1	28.5	28.5	89.6	89.5	6.0	6.0	8.0	7.5	3	4	83	83	<0.2				1.4							
IM5	Cloudy	Moderate	11:27	7.4	Surface	1.0	0.6	345	28.3	28.3	8.2	8.2	26.0	26.0	97.0	97.0	6.5	6.3	7.6	9.8	3	3	81	80	82	820749	804874	<0.2	1.4	1.4					
						1.0	0.6	317	28.3	28.3	8.2	8.2	26.0	26.0	97.0	97.0	6.5	6.3	7.6	9.8	2	3	80	83				<0.2	1.3						
						3.7	0.5	318	28.1	28.1	8.2	8.2	27.1	27.1	90.2	90.2	6.1	6.1	9.4	9.8	3	3	83	82				<0.2	1.4						
					3.7	0.6	336	28.1	28.1	8.2	8.2	27.1	27.1	90.2	90.2	6.1	6.1	9.4	9.8	2	3	82	84	<0.2				1.4							
					6.4	0.4	242	27.9	27.9	8.1	8.1	28.6	28.6	93.4	93.4	6.3	6.3	12.3	9.8	3	3	84	83	<0.2				1.4							
					6.4	0.5	262	27.9	27.9	8.1	8.1	28.6	28.6	93.4	93.4	6.3	6.3	12.3	9.8	4	3	83	83	<0.2				1.3							
IM6	Cloudy	Moderate	11:33	7.6	Surface	1.0	0.4	276	28.3	28.3	8.2	8.2	26.4	26.4	94.3	94.3	6.3	6.3	8.1	8.4	4	5	80	79	82	821067	805857	<0.2	1.4	1.4					
						1.0	0.4	297	28.3	28.3	8.2	8.2	26.4	26.4	94.3	94.3	6.3	6.3	8.1	8.4	4	5	79	83				<0.2	1.3						
						3.8	0.3	249	28.2	28.2	8.1	8.1	27.1	27.1	92.9	92.9	6.2	6.2	8.0	8.4	5	5	83	83				<0.2	1.5						
					3.8	0.3	259	28.2	28.2	8.1	8.1	27.1	27.1	92.9	92.9	6.2	6.2	8.0	8.4	5	5	83	83	<0.2				1.3							
					6.6	0.2	206	28.2	28.2	8.2	8.2	27.2	27.2	101.2	101.2	6.8	6.8	9.0	8.4	5	5	83	83	<0.2				1.4							
					6.6	0.2	210	28.2	28.2																										

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

Water Quality Monitoring

Water Quality Monitoring Results on 05 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
IM9	Cloudy	Moderate	10:46	7.9	Surface	1.0	0.2	286	29.0	7.8	7.8	22.6	22.6	98.1	98.0	6.7	6.1	6.4	6.1	2	81	83	822091	808824	<0.2	2.0	1.9					
						1.0	0.2	307	29.0	7.8	7.8	22.6	22.6	97.9	98.0	6.6	6.1	3	81	83	<0.2	1.9										
						4.0	0.2	288	28.8	7.8	7.8	23.7	23.7	90.8	90.8	6.2	6.6	3	84	83	<0.2	2.0										
					Middle	4.0	0.2	307	28.8	7.8	7.8	23.7	23.7	90.8	90.8	6.2	6.7	3	83	83	<0.2	1.9										
						6.9	0.1	7	28.6	7.8	7.8	24.5	24.5	90.2	90.2	6.1	6.5	2	85	85	<0.2	2.0										
						6.9	0.1	7	28.6	7.8	7.8	24.5	24.5	90.2	90.2	6.1	6.5	4	86	85	<0.2	1.7										
IM10	Cloudy	Moderate	10:39	8.1	Surface	1.0	0.3	311	29.0	7.8	7.8	23.1	23.1	96.1	96.1	6.5	5.8	6.3	5.8	3	81	83	822396	809822	<0.2	1.8	1.8					
						1.0	0.3	329	29.0	7.8	7.8	23.1	23.1	96.0	96.1	6.5	5.8	2	81	83	<0.2	1.8										
						4.1	0.2	298	28.7	7.8	7.8	24.2	24.2	88.0	88.0	6.0	7.2	3	84	83	<0.2	1.8										
					Middle	4.1	0.2	319	28.7	7.8	7.8	24.2	24.2	88.0	88.0	6.0	7.0	3	83	83	<0.2	1.8										
						7.1	0.1	307	28.7	7.8	7.8	24.3	24.3	88.8	88.8	6.0	8.0	4	85	85	<0.2	1.8										
						7.1	0.1	335	28.7	7.8	7.8	24.3	24.3	88.9	88.9	6.0	8.0	3	85	85	<0.2	1.8										
IM11	Cloudy	Moderate	10:28	8.2	Surface	1.0	0.2	302	28.9	7.8	7.8	23.6	23.6	93.0	93.0	6.3	6.0	6.1	6.0	3	81	83	822082	811441	<0.2	1.7	1.7					
						1.0	0.2	305	28.9	7.8	7.8	23.6	23.6	92.9	93.0	6.3	6.0	3	81	83	<0.2	1.7										
						4.1	0.3	292	28.7	7.8	7.8	24.1	24.1	87.9	87.9	5.9	7.9	3	83	83	<0.2	1.8										
					Middle	4.1	0.3	304	28.7	7.8	7.8	24.1	24.1	87.8	87.9	5.9	8.0	3	83	83	<0.2	1.7										
						7.2	0.2	277	28.3	7.8	7.8	25.7	25.7	83.7	83.8	5.7	13.6	4	86	86	<0.2	1.5										
						7.2	0.3	293	28.3	7.8	7.8	25.7	25.7	83.8	83.8	5.7	13.6	3	85	85	<0.2	1.6										
IM12	Cloudy	Moderate	10:21	8.5	Surface	1.0	0.3	291	29.0	7.9	7.9	22.8	22.8	100.0	100.0	6.8	5.8	6.4	5.8	4	81	83	821450	812018	<0.2	1.8	1.9					
						1.0	0.3	299	29.0	7.9	7.9	22.8	22.8	99.9	100.0	6.8	5.9	3	81	83	<0.2	1.9										
						4.3	0.3	311	28.6	7.9	7.9	23.9	23.9	87.3	87.2	5.9	9.1	3	83	83	<0.2	1.9										
					Middle	4.3	0.4	317	28.6	7.9	7.9	23.9	23.9	87.1	87.2	5.9	9.2	5	83	83	<0.2	1.9										
						7.5	0.3	308	28.0	7.7	7.7	26.9	26.9	73.9	74.0	5.0	13.2	5	85	85	<0.2	1.9										
						7.5	0.3	321	28.0	7.7	7.7	26.9	26.9	74.1	74.0	5.0	13.6	4	85	85	<0.2	1.8										
SR2	Cloudy	Moderate	09:50	5.3	Surface	1.0	0.1	243	28.8	7.9	7.9	23.2	23.2	97.4	97.4	6.6	6.4	6.6	6.4	2	81	83	821450	814189	<0.2	1.8	1.8					
						1.0	0.1	252	28.8	7.9	7.9	23.2	23.2	97.3	97.4	6.6	6.4	2	81	83	<0.2	1.8										
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						4.3	0.2	292	28.7	7.8	7.8	24.0	24.0	93.2	93.3	6.3	9.2	3	83	83	<0.2	1.7										
						4.3	0.2	318	28.7	7.8	7.8	24.0	24.0	93.3	93.3	6.3	9.3	4	83	83	<0.2	1.7										
SR3	Cloudy	Moderate	10:58	9.1	Surface	1.0	0.1	310	28.9	7.8	7.8	22.7	22.7	100.9	100.9	6.9	5.1	6.7	5.1	2	-	-	822139	807576	-	-	-					
						1.0	0.1	316	28.9	7.8	7.8	22.7	22.7	100.9	100.9	6.9	5.2	2	-	-	-	-	-	-	-	-	-					
						4.6	0.3	17	28.5	7.9	7.9	24.5	24.5	95.5	95.5	6.5	6.4	2	-	-	-	-	-	-	-	-	-					
					Middle	4.6	0.3	17	28.5	7.9	7.9	24.5	24.5	95.4	95.4	6.5	6.4	3	-	-	-	-	-	-	-	-	-	-				
						8.1	0.3	56	28.3	7.8	7.8	25.9	25.9	87.6	87.7	5.9	8.4	4	-	-	-	-	-	-	-	-	-					
						8.1	0.3	57	28.3	7.8	7.8	25.9	25.9	87.8	87.8	5.9	8.4	3	-	-	-	-	-	-	-	-						
SR4A	Cloudy	Moderate	10:25	8.5	Surface	1.0	0.3	232	28.3	8.1	8.1	26.3	26.3	92.1	92.1	6.2	8.7	6.2	8.7	4	-	-	817187	807785	-	-	-					
						1.0	0.4	234	28.3	8.1	8.1	26.3	26.3	92.1	92.1	6.2	8.7	5	-	-	-	-	-	-	-							
						4.3	0.3	205	28.2	8.1	8.1	27.0	27.0	90.4	90.4	6.1	10.6	6	-	-	-	-	-	-								
					Middle	4.3	0.3	209	28.2	8.1	8.1	27.0	27.0	90.4	90.4	6.1	10.6	6	-	-	-	-	-	-								
						7.5	0.3	77	28.3	8.1	8.1	27.0	27.0	97.6	97.6	6.5	10.0	6	-	-	-	-	-	-								
						7.5	0.3	84	28.3	8.1	8.1	27.0	27.0	97.6	97.6	6.5	10.0	7	-	-	-	-	-									
SR5A	Cloudy	Moderate	10:09	5.2	Surface	1.0	0.3	205	28.5	8.1	8.1	26.1	26.1	100.4	100.4	6.7	6.8	6.7	6.8	5	-	-	816570	810669	-	-	-					
						1.0	0.3	224	28.5	8.1	8.1	26.1	26.1	100.4	100.4	6.7	6.8	5	-	-	-	-	-									
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
						4.2	0.2	176	28.5	8.1	8.1	26.1	26.1	102.9	102.9	6.9	6.9	5	-	-	-	-	-									
						4.2	0.2	183	28.5	8.1	8.1	26.1	26.1	102.9	102.9	6.9	6.9	7	-	-	-	-										
SR6	Cloudy	Moderate	09:43	4.5	Surface	1.0	0.4	233	28.5	8.1	8.1	25.6	25.6	99.4	99.4	6.7	7.5	6.7	7.5	7	-	-	817870	814692	-	-	-					
						1.0	0.4	237	28.5	8.1	8.1	25.6	25.6	99.4	99.4	6.7	7.5	6	-	-	-	-										
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
						3.5	0.2	202	28.6	8.0	8.0	26.1	26.1	96.0	96.0	6.4	8.9	7	-	-	-	-										
						3.5	0.2	212	28.6	8.0	8.0	26.1	26.1	96.0	96.0	6.4	8.9	9	-	-	-	-										
SR7	Rainy	Moderate	08:57	18.4	Surface	1.0	0.1	162	28.1	7.9	7.9	25.7	25.7	95.9	95.8	6.5	4.8	5.9	4.8	4	-	-	823639	823713	-	-	-					
						1.0	0.1	173	28.1	7.9	7.9	25.7	25.7	95.7	95.8	6.5	4.8	5	-	-	-	-										
						9.2	0.1	192	27.6	7.8	7.8	27.9	27.9	79.0	79.0	5.3	4.9	5	-	-	-	-										
					Middle	9.2	0.1	205	27.6	7.8	7.8	27.9	27.9	78.9	79.0	5.3	4.9	5	-	-	-	-										
						17.4	0.1	229	26.7	7.7	7.7	29.7	29.7	74.1	74.2	5.0	6.3	7	-	-	-	-										
						17.4	0.1	248	26.7	7.7	7.7	29.7	29.7	74.3	74.2	5.0	6.3	6	-	-	-	-										
SR8	Cloudy	Moderate	10:10	3.7	Surface	1.0	-	-	28.9	7.9	7.9	22.9	22.9	100.2	100.2	6.8	6.0	6.8	6.0	5	-	-	820246	811418	-	-	-					
						1.0	-	-	28.9	7.9	7.9	22.9	22.9	100.2	100.2	6.8	6.0	4	-	-	-	-										
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
						2.7	-	-	28.8	7.9	7.9	23.1	23.1	100.1	100.1	6.8	5.8	5	-	-	-	-										

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

Water Quality Monitoring

Water Quality Monitoring Results on 09 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)			Nickel (µg/L)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	Average	DA	Value	Average	DA	Value	Average	DA	
C1	Fine	Moderate	10:15	8.8	Surface	1.0	0.3	143	28.6	28.6	8.0	8.0	14.4	14.4	98.0	98.0	7.0	7.0	7.5	7.5	4	4	77	77	81	815619	804259	<0.2	<0.2	<0.2	3.3	3.2	3.2			
						1.0	0.3	146	28.6	8.0	8.0	14.4	14.4	98.0	98.0	7.0	7.0	7.5	7.5	4	4	76	76	3	3	77	77	81	815619	804259	<0.2	<0.2	<0.2	3.4	3.1	3.1
						4.4	0.3	137	28.4	8.0	8.0	15.2	15.2	95.9	95.9	6.9	6.9	8.1	8.1	4	4	81	81	3	3	77	77	81	815619	804259	<0.2	<0.2	<0.2	3.0	3.0	3.0
					Middle	4.4	0.3	149	28.4	8.0	8.0	15.2	15.2	95.9	95.9	6.9	6.9	8.1	8.1	4	4	82	82	3	3	77	77	81	815619	804259	<0.2	<0.2	<0.2	3.4	3.1	3.1
						7.8	0.2	105	28.1	8.0	8.0	15.2	15.2	95.9	95.9	6.7	6.7	9.7	9.7	3	3	83	83	3	3	77	77	81	815619	804259	<0.2	<0.2	<0.2	3.4	3.1	3.1
						7.8	0.2	113	28.1	8.0	8.0	23.6	23.6	97.0	97.0	6.7	6.7	9.7	9.7	4	4	84	84	3	3	77	77	81	815619	804259	<0.2	<0.2	<0.2	3.4	3.1	3.1
C2	Cloudy	Moderate	10:54	11.8	Surface	1.0	1.0	167	28.8	28.8	7.7	7.7	10.6	10.6	79.4	79.3	5.8	5.8	13.0	13.0	3	3	75	75	78	825656	806958	<0.2	<0.2	<0.2	3.8	3.8	3.8			
						1.0	1.1	170	28.8	7.7	7.7	10.6	10.6	79.2	79.3	5.8	5.8	13.1	13.1	4	4	75	75	3	3	77	77	78	825656	806958	<0.2	<0.2	<0.2	4.0	3.8	3.8
						5.9	0.6	160	28.3	7.8	7.8	20.8	20.8	75.3	75.4	5.2	5.2	8.6	8.6	5	5	77	77	5	5	77	77	78	825656	806958	<0.2	<0.2	<0.2	3.6	3.6	3.6
					Middle	5.9	0.6	169	28.3	7.8	7.8	20.8	20.8	75.4	75.4	5.2	5.2	8.6	8.6	5	5	77	77	5	5	77	77	78	825656	806958	<0.2	<0.2	<0.2	3.4	3.4	3.4
						10.8	0.4	152	28.1	7.9	7.9	23.3	23.3	77.0	77.0	5.3	5.3	9.1	9.1	5	5	81	81	5	5	77	77	78	825656	806958	<0.2	<0.2	<0.2	3.5	3.5	3.5
						10.8	0.4	159	28.1	7.9	7.9	23.3	23.3	77.0	77.0	5.3	5.3	9.2	9.2	5	5	81	81	5	5	77	77	78	825656	806958	<0.2	<0.2	<0.2	3.5	3.5	3.5
C3	Cloudy	Moderate	08:51	12.5	Surface	1.0	0.1	59	28.3	28.3	7.8	7.8	16.2	16.2	88.6	88.6	6.3	6.3	5.6	5.6	<2	<2	72	72	78	822104	817788	<0.2	<0.2	<0.2	3.1	3.0	3.0			
						1.0	0.1	61	28.3	7.8	7.8	16.2	16.2	88.6	88.6	6.3	6.3	5.6	5.6	<2	<2	72	72	2	2	78	78	822104	817788	<0.2	<0.2	<0.2	3.3	3.3	3.3	
						6.3	0.3	332	28.2	7.9	7.9	20.4	20.4	86.8	86.8	6.1	6.1	5.2	5.2	<2	<2	78	78	2	2	83	83	78	822104	817788	<0.2	<0.2	<0.2	2.8	2.8	2.8
					Middle	6.3	0.3	359	28.2	7.9	7.9	20.4	20.4	86.7	86.8	6.0	6.0	5.2	5.2	<2	<2	78	78	2	2	83	83	78	822104	817788	<0.2	<0.2	<0.2	3.0	3.0	3.0
						11.5	0.2	99	27.6	7.9	7.9	25.7	25.7	81.5	81.5	5.6	5.6	5.9	5.9	<2	<2	83	83	2	2	83	83	78	822104	817788	<0.2	<0.2	<0.2	3.0	3.0	3.0
						11.5	0.2	108	27.6	7.9	7.9	25.7	25.7	81.5	81.5	5.6	5.6	5.9	5.9	<2	<2	83	83	2	2	83	83	78	822104	817788	<0.2	<0.2	<0.2	3.0	3.0	3.0
IM1	Cloudy	Moderate	10:36	5.2	Surface	1.0	0.3	212	28.5	28.5	8.0	8.0	14.6	14.6	96.0	96.0	6.9	6.9	7.0	7.0	6	6	77	77	79	817968	807156	<0.2	<0.2	<0.2	3.4	3.2	3.2			
						1.0	0.3	216	28.5	8.0	8.0	14.6	14.6	96.0	96.0	6.9	6.9	7.0	7.0	5	5	76	76	5	5	77	77	79	817968	807156	<0.2	<0.2	<0.2	3.4	3.2	3.2
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						4.2	0.2	166	28.2	8.0	8.0	18.7	18.7	98.2	98.2	6.9	6.9	6.4	6.4	15	15	81	81	15	15	81	81	79	817968	807156	<0.2	<0.2	<0.2	1.7	1.8	1.8
						4.2	0.2	168	28.2	8.0	8.0	18.7	18.7	98.2	98.2	6.9	6.9	6.4	6.4	15	15	82	82	15	15	82	82	79	817968	807156	<0.2	<0.2	<0.2	1.8	1.8	1.8
IM2	Cloudy	Moderate	10:43	7.2	Surface	1.0	0.4	162	28.8	28.8	8.0	8.0	12.5	12.5	89.7	89.7	6.5	6.5	7.4	7.4	<2	<2	76	76	79	818174	806159	<0.2	<0.2	<0.2	3.5	3.4	3.4			
						1.0	0.5	164	28.8	8.0	8.0	12.5	12.5	89.7	89.7	6.5	6.5	7.4	7.4	<2	<2	77	77	<2	<2	77	77	79	818174	806159	<0.2	<0.2	<0.2	3.4	3.4	3.4
						3.6	0.3	154	28.4	7.9	7.9	17.7	17.7	84.9	84.9	6.0	6.0	7.7	7.7	<2	<2	80	80	<2	<2	80	80	79	818174	806159	<0.2	<0.2	<0.2	3.1	3.1	3.1
					Middle	3.6	0.3	165	28.4	7.9	7.9	17.7	17.7	84.9	84.9	6.0	6.0	7.7	7.7	<2	<2	79	79	<2	<2	79	79	79	818174	806159	<0.2	<0.2	<0.2	3.4	3.4	3.4
						6.2	0.3	117	28.0	8.0	8.0	20.7	20.7	89.0	89.0	6.2	6.2	9.2	9.2	<2	<2	81	81	<2	<2	81	81	79	818174	806159	<0.2	<0.2	<0.2	3.4	3.4	3.4
						6.2	0.3	122	28.0	8.0	8.0	20.7	20.7	89.0	89.0	6.2	6.2	9.2	9.2	<2	<2	82	82	<2	<2	82	82	79	818174	806159	<0.2	<0.2	<0.2	3.4	3.4	3.4
IM3	Cloudy	Moderate	10:51	7.0	Surface	1.0	0.4	160	28.6	28.6	8.0	8.0	12.4	12.4	85.4	85.4	6.2	6.2	8.8	8.8	<2	<2	78	78	80	818769	805597	<0.2	<0.2	<0.2	3.4	3.5	3.5			
						1.0	0.5	168	28.6	8.0	8.0	12.4	12.4	85.4	85.4	6.2	6.2	8.8	8.8	<2	<2	77	77	<2	<2	77	77	80	818769	805597	<0.2	<0.2	<0.2	3.3	3.3	3.3
						3.5	0.4	141	28.6	7.9	7.9	14.6	14.6	81.2	81.2	5.8	5.8	11.0	11.0	<2	<2	79	79	<2	<2	80	80	80	818769	805597	<0.2	<0.2	<0.2	3.3	3.3	3.3
					Middle	3.5	0.4	150	28.6	7.9	7.9	14.6	14.6	81.2	81.2	5.8	5.8	11.0	11.0	<2	<2	80	80	<2	<2	80	80	80	818769	805597	<0.2	<0.2	<0.2	3.3	3.3	3.3
						6.0	0.3	102	28.3	7.9	7.9	18.5	18.5	81.4	81.4	5.7	5.7	18.0	18.0	<2	<2	83	83	<2	<2	83	83	80	818769	805597	<0.2	<0.2	<0.2	3.3	3.3	3.3
						6.0	0.3	105	28.3	7.9	7.9	18.5	18.5	81.4	81.4	5.7	5.7	18.0	18.0	<2	<2	83	83	<2	<2	83	83	80	818769	805597	<0.2	<0.2	<0.2	3.2	3.2	3.2
IM4	Cloudy	Moderate	11:03	7.4	Surface	1.0	0.4	155	29.0	29.0	8.0	8.0	8.7	8.7	90.0	90.0	6.6	6.6	13.8	13.8	3	3	75	75	79	819723	804591	<0.2	<0.2	<0.2	3.1	3.2	3.2			
						1.0	0.4	167	29.0	8.0	8.0	8.7	8.7	90.0	90.0	6.6	6.6	13.8	13.8	2	2	75	75	<2	<2	75	75	79	819723	804591	<0.2	<0.2	<0.2	3.3	3.3	3.3
						3.7	0.4	129	28.5	7.9	7.9	14.6	14.6	82.6	82.6	5.9	5.9	15.0	15.0	4	4	80	80	<2	<2	80	80	79								

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

Water Quality Monitoring

Water Quality Monitoring Results on 09 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)			Nickel (µg/L)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	Average	DA	Value	Average	DA				
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	Average	DA	Value	Average	DA				
IM9	Cloudy	Moderate	10:18	7.5	Surface	1.0	0.4	142	28.8	7.8	7.8	11.3	11.3	89.6	89.5	6.5	6.4	8.2	13.7	<2	2	77	79	822084	808788	<0.2	<0.2	<0.2	3.5	3.6	3.7					
						1.0	0.5	148	28.8	7.8	7.8	11.3	11.3	89.4	89.5	6.5	6.4	8.1	13.7	<2	2	77	79	822084	808788	<0.2	<0.2	<0.2	3.6	3.6	3.7					
						3.8	0.4	125	28.6	7.8	7.8	11.5	11.5	87.1	87.1	6.3	6.3	9.3	13.7	<2	2	78	79	822084	808788	<0.2	<0.2	<0.2	3.8	3.8	3.8					
					Middle	3.8	0.4	128	28.6	7.8	7.8	11.5	11.5	87.1	87.1	6.3	6.3	9.4	13.7	<2	2	79	79	822084	808788	<0.2	<0.2	<0.2	3.8	3.8	3.8					
						6.5	0.2	84	28.5	7.8	7.8	16.2	16.3	83.0	83.1	5.9	5.9	23.3	13.7	<2	2	81	81	822084	808788	<0.2	<0.2	<0.2	3.6	3.6	3.6					
						6.5	0.2	89	28.5	7.8	7.8	16.4	16.3	83.1	83.1	5.9	5.9	23.7	13.7	<2	2	81	81	822084	808788	<0.2	<0.2	<0.2	3.6	3.6	3.6					
IM10	Cloudy	Moderate	10:10	8.8	Surface	1.0	0.5	137	28.8	7.8	7.8	10.5	10.5	89.1	89.1	6.5	6.3	8.2	13.9	<2	2	76	78	822362	809768	<0.2	<0.2	<0.2	3.7	3.7	3.7					
						1.0	0.5	143	28.8	7.8	7.8	10.5	10.5	89.1	89.1	6.5	6.3	8.2	13.9	<2	2	76	78	822362	809768	<0.2	<0.2	<0.2	3.7	3.7	3.7					
						4.4	0.4	120	28.5	7.8	7.8	12.8	12.8	84.2	84.2	6.1	6.1	8.3	13.9	<2	2	78	79	822362	809768	<0.2	<0.2	<0.2	3.7	3.7	3.7					
					Middle	4.4	0.4	121	28.5	7.8	7.8	12.8	12.8	84.2	84.2	6.1	6.1	8.4	13.9	<2	2	79	79	822362	809768	<0.2	<0.2	<0.2	3.7	3.7	3.7					
						7.8	0.3	94	28.2	7.8	7.8	20.1	20.1	77.2	77.3	5.4	5.4	25.0	13.9	<2	2	80	80	822362	809768	<0.2	<0.2	<0.2	3.8	3.8	3.8					
						7.8	0.4	98	28.2	7.8	7.8	20.1	20.1	77.3	77.3	5.4	5.4	25.3	13.9	<2	2	80	80	822362	809768	<0.2	<0.2	<0.2	3.7	3.7	3.7					
IM11	Cloudy	Moderate	09:56	8.4	Surface	1.0	0.7	103	28.7	7.8	7.8	12.0	12.0	82.6	82.3	6.0	5.7	8.3	13.2	<2	2	74	79	822080	811472	<0.2	<0.2	<0.2	3.7	3.6	3.8					
						1.0	0.7	105	28.7	7.8	7.8	12.1	12.0	82.0	82.3	5.9	5.7	8.4	13.2	<2	2	75	79	822080	811472	<0.2	<0.2	<0.2	3.6	3.6	3.8					
						4.2	0.6	93	28.5	7.8	7.8	16.4	16.4	76.7	76.7	5.4	5.4	11.0	13.2	<2	2	79	79	822080	811472	<0.2	<0.2	<0.2	3.8	3.8	3.8					
					Middle	4.2	0.6	99	28.5	7.8	7.8	16.4	16.4	76.7	76.7	5.4	5.4	11.1	13.2	<2	2	79	79	822080	811472	<0.2	<0.2	<0.2	3.8	3.8	3.8					
						7.4	0.2	56	28.2	7.8	7.8	20.6	20.6	76.9	76.9	5.4	5.4	20.2	13.2	<2	2	83	83	822080	811472	<0.2	<0.2	<0.2	4.0	4.0	4.0					
						7.4	0.2	59	28.2	7.8	7.8	20.6	20.6	76.9	76.9	5.4	5.4	20.0	13.2	<2	2	83	83	822080	811472	<0.2	<0.2	<0.2	3.9	3.9	3.9					
IM12	Cloudy	Moderate	09:48	9.3	Surface	1.0	0.4	95	28.6	7.7	7.7	13.7	13.6	81.0	80.9	5.8	5.6	9.1	17.6	<2	2	75	78	821481	812038	<0.2	<0.2	<0.2	3.9	3.7	3.8					
						1.0	0.4	103	28.6	7.7	7.7	13.6	13.6	80.7	80.9	5.8	5.6	9.1	17.6	<2	2	75	78	821481	812038	<0.2	<0.2	<0.2	3.7	3.7	3.8					
						4.7	0.5	95	28.5	7.7	7.7	15.7	15.7	76.1	76.2	5.4	5.4	17.3	17.6	<2	2	79	79	821481	812038	<0.2	<0.2	<0.2	3.7	3.7	3.7					
					Middle	4.7	0.5	101	28.5	7.7	7.7	15.7	15.7	76.2	76.2	5.4	5.4	17.7	17.6	<2	2	79	79	821481	812038	<0.2	<0.2	<0.2	3.7	3.7	3.7					
						8.3	0.4	90	28.2	7.8	7.8	20.2	20.2	78.8	79.1	5.5	5.5	27.5	17.6	<2	2	81	81	821481	812038	<0.2	<0.2	<0.2	3.7	3.7	3.7					
						8.3	0.4	98	28.2	7.8	7.8	20.2	20.2	79.4	79.1	5.5	5.5	24.8	17.6	<2	2	81	81	821481	812038	<0.2	<0.2	<0.2	3.8	3.8	3.8					
SR2	Cloudy	Moderate	09:16	5.0	Surface	1.0	0.5	72	28.7	7.8	7.8	11.2	11.2	87.6	87.6	6.4	6.4	8.5	8.9	<2	<2	76	80	821454	814140	<0.2	<0.2	<0.2	4.4	4.4	4.4					
						1.0	0.5	75	28.7	7.8	7.8	11.2	11.2	87.5	87.6	6.4	6.4	8.5	8.9	<2	<2	76	80	821454	814140	<0.2	<0.2	<0.2	4.4	4.4	4.4					
						-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	8.9	<2	<2	-	-	80	821454	814140	<0.2	<0.2	<0.2	-	-	-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	<2	-	-	80	821454	814140	<0.2	<0.2	<0.2	-	-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	<2	-	-	80	821454	814140	<0.2	<0.2	<0.2	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	<2	-	-	80	821454	814140	<0.2	<0.2	<0.2	-	-	-
Bottom	4.0	0.3	51	28.4	7.8	7.8	14.8	14.8	89.0	89.1	6.4	6.4	9.2	8.9	<2	<2	83	80	821454	814140	<0.2	<0.2	<0.2	4.4	4.4	4.4										
	4.0	0.3	53	28.4	7.8	7.8	14.8	14.8	89.2	89.1	6.4	6.4	9.3	8.9	<2	<2	84	80	821454	814140	<0.2	<0.2	<0.2	4.4	4.4	4.4										
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	<2	-	-	80	821454	814140	<0.2	<0.2	<0.2	4.3	4.3	4.3					
SR3	Cloudy	Moderate	10:31	9.4	Surface	1.0	0.5	184	28.6	7.8	7.8	12.3	12.3	84.2	84.2	6.1	5.8	7.5	8.0	<2	<2	-	-	822143	807582	-	-	-	-	-	-					
						1.0	0.5	193	28.6	7.8	7.8	12.3	12.3	84.1	84.2	6.1	5.8	7.6	8.0	<2	<2	-	-	-	-	822143	807582	-	-	-	-	-	-			
						4.7	0.3	168	28.5	7.8	7.8	17.2	17.2	78.4	78.5	5.5	5.5	6.8	8.0	<2	<2	-	-	-	-	822143	807582	-	-	-	-	-	-			
					Middle	4.7	0.3	169	28.5	7.8	7.8	17.2	17.2	78.5	78.5	5.5	5.5	6.8	8.0	<2	<2	-	-	-	-	822143	807582	-	-	-	-	-	-			
						8.4	0.1	249	28.2	7.8	7.8	21.5	21.5	82.6	82.8	5.7	5.7	9.5	8.0	<2	<2	-	-	-	-	822143	807582	-	-	-	-	-	-			
						8.4	0.1	263	28.2	7.8	7.8	21.5	21.5	82.9	82.8	5.7	5.7	9.5	8.0	<2	<2	-	-	-	-	822143	807582	-	-	-	-	-	-			
SR4A	Fine	Calm	09:56	9.2	Surface	1.0	0.4	145	28.3	8.0	8.0	14.6	14.6	91.9	91.9	6.6	6.3	7.6	9.6	<2	4	-	-	817207	807814	-	-	-	-	-	-					
						1.0	0.4	154	28.3	8.0	8.0	14.6	14.6	91.9	91.9	6.6	6.3	7.6	9.6	<2	4	-	-	-	-	817207	807814	-	-	-	-	-				
						4.6	0.3	137	27.9	8.0	8.0	21.9	21.9	86.3	86.3	6.0	6.0	8.9	9.6	<2	4	-	-	-	-	817207	807814	-	-	-	-	-				
					Middle	4.6	0.4	142	27.9	8.0	8.0	21.9	21.9	86.3	86.3	6.0	6.0	8.9	9.6	<2	4	-	-	-	-	817207	807814	-	-	-	-	-				
						8.2	0.3	91	27.8	8.0	8.0	24.2	24.2	85.2	85.2	5.9	5.9	12.3	9.6	<2	4	-	-	-	-	817207	807814	-	-	-	-	-				
						8.2	0.3	93	27.8	8.0	8.0	24.2	24.2	85.2	85.2	5.9	5.9	12.3	9.6	<2	4	-	-	-	-											

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

Water Quality Monitoring

Water Quality Monitoring Results on 09 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)			Nickel (µg/L)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	Average	DA	Value	Average	DA	Value	Average	DA
C1	Cloudy	Moderate	14:57	8.5	Surface	1.0	0.7	49	29.2	8.0	8.0	9.9	9.9	94.8	94.8	6.9	6.7	9.4	12.5	<2	3	77	81	815610	804276	<0.2	<0.2	<0.2	3.4	3.4	3.4				
						1.0	0.7	50	29.2	8.0	8.0	9.9	9.9	94.8	94.8	6.9	6.7	9.4	<2	3	76	81	<0.2	<0.2	<0.2	3.5	3.5	3.5							
					Middle	4.3	0.7	35	28.8	8.1	8.1	12.3	12.3	90.6	90.6	6.5	6.5	13.6	<2	3	82	81	<0.2	<0.2	<0.2	3.2	3.2	3.2							
						4.3	0.7	37	28.8	8.1	8.1	12.3	12.3	90.6	90.6	6.5	6.5	13.6	<2	3	81	81	<0.2	<0.2	<0.2	3.4	3.4	3.4							
					Bottom	7.5	0.6	20	27.9	8.1	8.1	27.4	27.4	79.3	79.3	5.3	5.3	14.4	<2	3	84	83	<0.2	<0.2	<0.2	3.5	3.5	3.5							
						7.5	0.6	21	27.9	8.1	8.1	27.4	27.4	79.3	79.3	5.3	5.3	14.4	<2	3	83	81	<0.2	<0.2	<0.2	3.5	3.5	3.5							
C2	Cloudy	Moderate	13:51	11.9	Surface	1.0	0.7	170	29.1	7.7	7.7	5.5	5.5	82.7	82.7	6.2	6.2	16.5	9.1	<2	5	71	77	825679	806951	<0.2	<0.2	<0.2	5.5	5.2	5.5				
						1.0	0.7	173	29.1	7.7	7.7	5.5	5.5	82.7	82.7	6.2	6.2	16.4	<2	5	71	79	<0.2	<0.2	<0.2	5.6	5.4	5.6							
					Middle	6.0	0.1	245	28.2	7.8	7.8	21.5	21.5	78.9	79.0	5.5	5.5	5.4	<2	5	79	81	<0.2	<0.2	<0.2	5.4	5.4	5.4							
						6.0	0.1	254	28.2	7.8	7.8	21.5	21.5	79.0	79.0	5.5	5.5	5.4	<2	5	79	81	<0.2	<0.2	<0.2	4.5	4.5	4.5							
					Bottom	10.9	0.3	323	28.2	7.8	7.8	22.2	22.2	79.8	79.9	5.5	5.5	5.3	<2	5	81	81	<0.2	<0.2	<0.2	4.5	4.5	4.5							
						10.9	0.3	337	28.2	7.8	7.8	22.2	22.2	79.9	79.9	5.5	5.5	5.3	<2	5	81	81	<0.2	<0.2	<0.2	4.5	4.5	4.5							
C3	Cloudy	Moderate	15:39	12.7	Surface	1.0	0.3	226	28.8	7.9	7.9	14.7	14.7	93.0	92.9	6.6	6.0	4.9	7.7	<2	<2	78	81	822115	817821	<0.2	<0.2	<0.2	3.6	3.8	3.6				
						1.0	0.3	235	28.8	7.9	7.9	14.7	14.7	92.8	92.9	6.6	6.0	4.9	<2	<2	78	81	<0.2	<0.2	<0.2	3.5	3.7	3.5							
					Middle	6.4	0.2	244	27.9	7.9	7.9	22.7	22.7	78.9	78.9	5.5	5.5	6.8	<2	<2	81	81	<0.2	<0.2	<0.2	3.7	3.7	3.7							
						6.4	0.2	251	27.9	7.9	7.9	22.7	22.7	78.8	78.9	5.4	5.4	6.9	<2	<2	81	81	<0.2	<0.2	<0.2	4.8	4.8	4.8							
					Bottom	11.7	0.4	297	27.3	7.9	7.9	27.4	27.4	78.2	78.3	5.3	5.3	11.3	<2	<2	84	84	<0.2	<0.2	<0.2	3.5	3.5	3.5							
						11.7	0.4	322	27.3	7.9	7.9	27.4	27.4	78.4	78.3	5.3	5.3	11.3	<2	<2	84	84	<0.2	<0.2	<0.2	3.5	3.5	3.5							
IM1	Cloudy	Moderate	14:37	4.8	Surface	1.0	0.5	315	29.0	8.1	8.1	13.1	13.1	100.7	100.7	7.2	7.2	7.6	7.9	14	8	77	80	817969	807105	<0.2	<0.2	<0.2	3.7	3.8	3.7				
						1.0	0.5	331	29.0	8.1	8.1	13.1	13.1	100.7	100.7	7.2	7.2	7.6	<2	8	77	80	<0.2	<0.2	<0.2	3.8	3.8	3.8							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					Bottom	3.8	0.2	253	28.6	8.1	8.1	16.0	16.0	98.9	98.9	7.0	7.0	8.1	<2	8	83	83	<0.2	<0.2	<0.2	3.5	3.6	3.5							
						3.8	0.2	270	28.6	8.1	8.1	16.0	16.0	98.9	98.9	7.0	7.0	8.1	<2	8	83	83	<0.2	<0.2	<0.2	3.6	3.6	3.6							
IM2	Cloudy	Moderate	14:27	7.4	Surface	1.0	0.4	251	29.0	8.1	8.1	14.1	14.1	100.1	100.1	7.1	7.1	6.6	7.0	<2	16	76	80	818188	806158	<0.2	<0.2	<0.2	3.6	3.3	3.6				
						1.0	0.5	254	29.0	8.1	8.1	14.1	14.1	100.1	100.1	7.1	7.1	6.6	<2	16	77	81	<0.2	<0.2	<0.2	3.3	3.5	3.3							
					Middle	3.7	0.4	239	28.5	8.1	8.1	14.3	14.3	97.5	97.5	7.0	7.0	7.2	<2	16	81	81	<0.2	<0.2	<0.2	3.5	3.4	3.5							
						3.7	0.4	247	28.5	8.1	8.1	14.3	14.3	97.5	97.5	7.0	7.0	7.2	<2	16	81	81	<0.2	<0.2	<0.2	3.4	3.7	3.4							
					Bottom	6.4	0.3	209	28.3	8.1	8.1	21.9	21.9	99.7	99.7	6.9	6.9	7.1	<2	16	83	83	<0.2	<0.2	<0.2	3.7	3.7	3.7							
						6.4	0.3	220	28.3	8.1	8.1	21.9	21.9	99.7	99.7	6.9	6.9	7.1	<2	16	83	83	<0.2	<0.2	<0.2	3.6	3.6	3.6							
IM3	Cloudy	Moderate	14:21	7.2	Surface	1.0	0.5	219	29.0	8.0	8.0	14.1	14.1	89.8	89.8	6.4	6.3	8.5	7.8	4	4	76	79	818756	805602	<0.2	<0.2	<0.2	3.6	3.9	3.6				
						1.0	0.5	237	29.0	8.0	8.0	14.1	14.1	89.8	89.8	6.4	6.3	8.5	<2	4	77	80	<0.2	<0.2	<0.2	3.6	5.4	3.6							
					Middle	3.6	0.4	188	28.6	8.0	8.0	16.1	16.1	88.0	88.0	6.2	6.2	7.7	<2	4	80	80	<0.2	<0.2	<0.2	3.9	5.4	3.9							
						3.6	0.4	195	28.6	8.0	8.0	16.1	16.1	88.0	88.0	6.2	6.2	7.7	<2	4	80	80	<0.2	<0.2	<0.2	3.1	8.6	3.1							
					Bottom	6.2	0.3	134	28.1	8.0	8.0	21.6	21.6	88.7	88.7	6.2	6.2	7.2	<2	4	82	81	<0.2	<0.2	<0.2	3.7	7.4	3.7							
						6.2	0.3	142	28.1	8.0	8.0	21.6	21.6	88.7	88.7	6.2	6.2	7.2	<2	4	81	81	<0.2	<0.2	<0.2	4.4	7.4	4.4							
IM4	Cloudy	Moderate	14:12	7.2	Surface	1.0	0.3	309	29.2	7.9	7.9	9.8	9.6	85.5	85.5	6.2	6.1	9.3	9.5	4	5	75	79	819731	804605	<0.2	<0.2	<0.2	6.0	4.3	6.0				
						1.0	0.4	313	29.2	7.9	7.9	9.5	9.6	85.5	85.5	6.2	6.1	9.4	<2	5	75	80	<0.2	<0.2	<0.2	4.3	4.3	4.3							
					Middle	3.6	0.3	281	28.7	7.9	7.9	13.9	13.9	82.2	82.2	5.9	5.9	8.9	<2	5	79	80	<0.2	<0.2	<0.2	4.4	4.3	4.4							
						3.6	0.3	306	28.7	7.9	7.9	13.9	13.9	82.2	82.2	5.9	5.9	8.9	<2	5	80	81	<0.2	<0.2	<0.2	3.1	3.2	3.1							
					Bottom	6.2	0.3	223	28.3	7.9	7.9	20.6	20.6	83.2	83.2	5.8	5.8	10.3	<2	6	81	82	<0.2	<0.2	<0.2	3.2	3.2	3.2							
						6.2	0.3	230	28.3	7.9	7.9	20.6	20.6	83.2	83.2	5.8	5.8	10.3	<2	6	82	82	<0.2	<0.2	<0.2	3.2	3.2	3.2							
IM5	Cloudy	Moderate	14:05	6.8	Surface	1.0	0.4	328	29.3	7.9	7.9	8.9	8.9	88.1	88.1	6.4	6.2	10.1	10.5	2	2	74	79	820729	804896	<0.2	<0.2	<0.2	4.5	4.0	4.5				
						1.0	0.4	348	29.3	7.9	7.9	8.9	8.9	88.1	88.1	6.4	6.2	10.1	<2	2	75	80	<0.2	<0.2	<0.2	4.3	4.0	4.3							
					Middle	3.4	0.4	311	28.8	7.9	7.9	14.4	14.4	84.4	84.4	6.0	6.0	9.8	<2	2	80	80	<0.2	<0.2	<0.2	4.3	4.3	4.3							
						3.4	0.4	324	28.8	7.9	7.9	14.4	14.4	84.4	84.4	6.0	6.0	9.8	<2	2	80	80	<0.2	<0.2	<0.2	3.8	3.8	3.8							
					Bottom	5.8	0.3	243	28.6	7.9	7.9	18.3	18.3	89.5	89.5	6.3	6.3	11.5	<2	2	81	82	<0.2	<0.2	<0.2	3.8	3.8	3.8							
						5.8	0.3	256	28.6	7.9	7.9	18.3	18.3	89.5	89.5	6.3	6.3	11.5	<2	2	82	82	<0.2	<0.2	<0.2	3.8	3.8	3.8							
IM6	Cloudy	Moder																																	

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

Water Quality Monitoring

Water Quality Monitoring Results on 09 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)			Nickel (µg/L)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	Average	DA	Value	Average	DA	Value	Average	DA
IM9	Cloudy	Moderate	14:19	7.3	Surface	1.0	0.2	180	29.4	29.4	7.8	7.8	6.8	6.8	88.2	88.2	6.5	6.3	13.0	12.8	5	6	75	78	822076	808811	<0.2	<0.2	<0.2	4.9	5.0	4.6					
						1.0	0.2	193	29.4	29.4	7.8	7.8	6.8	6.8	88.1	88.2	6.5	6.3	13.0	12.8	6	6	75	78	<0.2	<0.2	<0.2	4.6	5.1	4.7	4.3						
						3.7	0.1	242	28.9	28.9	7.7	7.7	10.2	10.2	83.8	83.8	6.1	6.1	11.7	11.8	6	6	77	77	<0.2	<0.2	<0.2	4.0	4.3	4.3	4.3						
					Middle	3.7	0.1	252	28.9	28.9	7.7	7.7	10.2	10.2	83.8	83.8	6.1	6.1	11.8	11.8	5	5	77	77	<0.2	<0.2	<0.2	4.0	4.3	4.3	4.3						
						6.3	0.1	315	28.7	28.7	7.7	7.7	11.4	11.4	82.5	82.5	6.0	6.0	13.5	13.5	6	6	83	83	<0.2	<0.2	<0.2	4.8	5.1	4.8	4.8						
						6.3	0.1	334	28.7	28.7	7.7	7.7	11.7	11.5	82.8	82.7	6.0	6.0	13.9	13.9	5	5	83	83	<0.2	<0.2	<0.2	4.5	4.8	4.5	4.5						
IM10	Cloudy	Moderate	14:26	6.6	Surface	1.0	0.0	231	29.1	29.1	7.7	7.7	9.7	9.7	88.0	88.0	6.4	6.3	10.3	9.3	4	4	78	81	822410	809769	<0.2	<0.2	<0.2	5.1	5.2	5.0					
						1.0	0.0	233	29.2	29.2	7.7	7.7	9.7	9.7	87.9	88.0	6.4	6.3	10.2	10.2	4	4	78	78	<0.2	<0.2	<0.2	5.1	5.1	5.1							
						3.3	0.2	319	28.8	28.8	7.7	7.7	12.1	12.1	85.7	85.8	6.2	6.2	8.8	8.8	4	4	82	82	<0.2	<0.2	<0.2	4.8	4.8	4.8							
					Middle	3.3	0.2	338	28.8	28.8	7.7	7.7	12.1	12.1	85.8	85.8	6.2	6.2	8.8	8.8	4	4	82	82	<0.2	<0.2	<0.2	4.8	4.8	4.8							
						5.6	0.2	320	28.6	28.6	7.7	7.7	14.2	14.2	88.8	88.8	6.4	6.4	8.9	8.9	5	5	82	82	<0.2	<0.2	<0.2	4.8	4.8	4.8							
						5.6	0.2	322	28.6	28.6	7.7	7.7	14.2	14.2	89.0	88.9	6.4	6.4	8.8	8.8	4	4	83	83	<0.2	<0.2	<0.2	4.5	4.5	4.5							
IM11	Cloudy	Moderate	14:39	8.7	Surface	1.0	0.3	351	29.0	29.0	7.8	7.8	12.0	11.9	86.1	86.1	6.2	6.0	8.5	11.6	3	3	76	80	822060	811435	<0.2	<0.2	<0.2	4.2	4.2	4.1					
						1.0	0.3	359	29.0	29.0	7.8	7.8	11.9	11.9	86.0	86.0	6.2	6.0	8.6	8.6	3	3	77	77	<0.2	<0.2	<0.2	4.2	4.2	4.2							
						4.4	0.3	318	28.6	28.6	7.8	7.8	14.2	14.2	81.6	81.6	5.8	5.8	9.9	9.9	4	4	81	81	<0.2	<0.2	<0.2	4.0	4.0	4.0							
					Middle	4.4	0.3	340	28.6	28.6	7.8	7.8	14.2	14.2	81.5	81.5	5.8	5.8	10.0	10.0	2	2	82	82	<0.2	<0.2	<0.2	4.2	4.2	4.2							
						7.7	0.3	289	28.2	28.2	7.8	7.8	22.1	22.1	81.8	81.8	5.7	5.7	16.1	16.1	4	4	82	82	<0.2	<0.2	<0.2	4.2	4.2	4.2							
						7.7	0.3	301	28.2	28.2	7.8	7.8	22.1	22.1	82.1	82.0	5.7	5.7	16.3	16.3	3	3	82	82	<0.2	<0.2	<0.2	3.9	3.9	3.9							
IM12	Cloudy	Moderate	14:45	9.5	Surface	1.0	0.2	328	29.1	29.1	7.8	7.8	11.8	11.9	90.2	90.0	6.5	6.0	7.3	10.3	<2	2	76	79	821487	812030	<0.2	<0.2	<0.2	3.8	3.8	3.8					
						1.0	0.3	355	29.1	29.1	7.8	7.8	11.9	11.9	89.7	89.7	6.5	6.0	7.3	7.3	<2	<2	77	79	<0.2	<0.2	<0.2	3.8	3.8	3.8							
						4.8	0.4	287	28.2	28.1	7.9	7.9	18.9	19.1	78.6	78.4	5.5	5.5	10.6	10.6	<2	<2	79	79	<0.2	<0.2	<0.2	3.7	3.7	3.7							
					Middle	4.8	0.4	299	28.1	28.1	7.9	7.9	19.2	19.1	78.1	78.4	5.5	5.5	11.1	11.1	<2	<2	79	79	<0.2	<0.2	<0.2	3.7	3.7	3.7							
						8.5	0.2	240	28.0	28.0	7.8	7.8	23.3	23.3	80.7	80.8	5.6	5.6	12.8	12.8	<2	<2	81	81	<0.2	<0.2	<0.2	3.6	3.6	3.6							
						8.5	0.2	260	28.0	28.0	7.8	7.8	23.3	23.3	80.9	80.8	5.6	5.6	12.5	12.5	2	2	82	82	<0.2	<0.2	<0.2	3.6	3.6	3.6							
SR2	Cloudy	Moderate	15:16	4.9	Surface	1.0	0.2	179	29.1	29.1	7.9	7.9	12.0	12.0	96.1	96.1	6.9	6.9	5.9	5.8	<2	<2	76	78	821478	814137	<0.2	<0.2	<0.2	3.7	3.7	3.7					
						1.0	0.2	181	29.1	29.1	7.9	7.9	12.0	12.0	96.1	96.1	6.9	6.9	5.9	5.9	<2	<2	77	77	<0.2	<0.2	<0.2	3.6	3.6	3.6							
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						3.9	0.0	323	28.9	28.9	7.9	7.9	13.9	13.9	96.0	96.0	6.9	6.9	5.6	5.6	<2	<2	79	79	<0.2	<0.2	<0.2	3.6	3.6	3.6							
						3.9	0.0	345	28.9	28.9	7.9	7.9	13.9	13.9	96.0	96.0	6.9	6.9	5.6	5.6	<2	<2	79	79	<0.2	<0.2	<0.2	3.7	3.7	3.7							
SR3	Cloudy	Moderate	14:07	9.1	Surface	1.0	0.4	184	28.9	28.9	7.7	7.7	9.1	9.1	81.4	81.4	6.0	5.8	11.4	10.0	3	3	-	-	822160	807575	-	-	-	-	-	-					
						1.0	0.5	189	28.9	28.9	7.7	7.7	9.1	9.1	81.4	81.4	6.0	5.8	11.5	11.5	4	4	-	-	-	-	-	-	-	-	-	-	-				
						4.6	0.2	218	28.7	28.7	7.7	7.7	12.8	12.8	78.2	78.2	5.6	5.6	9.1	9.1	2	2	-	-	-	-	-	-	-	-	-	-	-				
					Middle	4.6	0.2	222	28.7	28.7	7.7	7.7	12.8	12.8	78.2	78.2	5.6	5.6	9.1	9.1	2	2	-	-	-	-	-	-	-	-	-	-	-	-			
						8.1	0.2	243	28.6	28.6	7.7	7.7	14.5	14.5	76.9	76.9	5.5	5.5	9.5	9.5	4	4	-	-	-	-	-	-	-	-	-	-	-				
						8.1	0.3	256	28.6	28.6	7.7	7.7	14.5	14.5	77.0	77.0	5.5	5.5	9.5	9.5	3	3	-	-	-	-	-	-	-	-	-	-					
SR4A	Cloudy	Calm	15:16	8.3	Surface	1.0	0.3	212	28.8	28.8	8.1	8.1	14.7	14.7	105.6	105.6	7.5	7.3	7.2	8.9	<2	3	-	-	817213	807795	-	-	-	-	-	-					
						1.0	0.3	213	28.8	28.8	8.1	8.1	14.7	14.7	105.6	105.6	7.5	7.3	7.2	7.2	<2	<2	-	-	-	-	-	-	-	-							
						4.2	0.3	195	28.5	28.5	8.1	8.1	18.1	18.1	99.9	99.9	7.0	7.0	7.7	7.7	2	2	-	-	-	-	-	-	-								
					Middle	4.2	0.3	201	28.5	28.5	8.1	8.1	18.1	18.1	99.9	99.9	7.0	7.0	7.7	7.7	3	3	-	-	-	-	-	-	-	-							
						7.3	0.2	97	27.8	27.8	8.0	8.0	23.1	23.1	89.7	89.7	6.2	6.2	11.7	11.7	3	3	-	-	-	-	-	-	-								
						7.3	0.2	98	27.8	27.8	8.0	8.0	23.1	23.1	89.7	89.7	6.2	6.2	11.7	11.7	3	3	-	-	-	-	-	-									
SR5A	Cloudy	Calm	15:33	4.1	Surface	1.0	0.3	205	28.5	28.5	8.1	8.1	19.8	19.8	109.1	109.1	7.6	7.6	7.8	8.5	3	4	-	-	816606	810680	-	-	-	-	-	-					
						1.0	0.3	207	28.5	28.5	8.1	8.1	19.8	19.8	109.1	109.1	7.6	7.6	7.8	7.8	4	4	-	-	-	-	-	-									
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
						3.1	0.2	143	28.3	28.3	8.1	8.1	20.6	20.6	102.6	102.6	7.1	7.1	9.1	9.1	4	4	-	-	-	-	-	-									
						3.1	0.2	154	28.3	28.3	8.1	8.1																									

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

Water Quality Monitoring Results on 12 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA				
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA				
C1	Cloudy	Moderate	12:30	8.3	Surface	1.0	0.9	188	28.9	28.9	8.2	8.2	16.3	16.3	98.0	98.0	6.9	6.9	7.9	7.9	4	4	80	80	815599	804257	<0.2	<0.2	4.2	3.7				
						1.0	0.9	199	28.9	28.9	8.2	8.2	16.3	16.3	98.0	98.0	6.9	6.9	7.9	7.9	2	2	79	79			<0.2	<0.2	3.9					
						4.2	0.8	203	28.7	28.7	8.2	8.2	21.7	21.7	84.3	84.3	5.8	5.8	13.7	13.7	3	3	81	81			<0.2	<0.2	3.8					
					4.2	0.9	222	28.7	28.7	8.2	8.2	21.7	21.7	84.3	84.3	5.8	5.8	13.7	13.7	5	5	81	81	<0.2			<0.2	3.6						
					7.3	0.6	231	28.3	28.3	8.2	8.2	28.5	28.5	80.9	80.9	5.4	5.4	14.3	14.3	7	7	83	83	<0.2			<0.2	3.4						
					7.3	0.6	241	28.3	28.3	8.2	8.2	28.5	28.5	80.9	80.9	5.4	5.4	14.3	14.3	8	8	84	84	<0.2			<0.2	3.4						
C2	Cloudy	Moderate	13:15	11.4	Surface	1.0	1.3	143	28.5	28.5	7.7	7.7	10.7	10.7	72.4	72.4	5.3	5.3	12.9	12.9	5	5	79	79	825687	806971	<0.2	<0.2	4.7	4.8				
						1.0	1.3	157	28.5	28.5	7.7	7.7	10.7	10.7	72.4	72.4	5.3	5.3	12.9	12.9	5	5	78	78			<0.2	<0.2	4.5					
						5.7	0.7	137	28.5	28.5	7.9	7.9	18.7	18.9	67.4	67.4	4.7	4.7	15.7	15.7	4	4	81	81			<0.2	<0.2	4.6					
					5.7	0.7	147	28.5	28.5	7.9	7.9	19.1	19.1	67.4	67.4	4.7	4.7	15.8	15.8	4	4	81	81	<0.2			<0.2	4.7						
					10.4	0.3	109	28.3	28.3	8.0	8.0	23.2	23.2	74.8	74.8	5.1	5.1	20.1	20.1	10	10	83	83	<0.2			<0.2	5.0						
					10.4	0.3	113	28.3	28.3	8.0	8.0	23.2	23.2	74.8	74.8	5.1	5.1	20.2	20.2	12	12	83	83	<0.2			<0.2	4.8						
C3	Cloudy	Moderate	10:48	12.2	Surface	1.0	0.3	66	28.5	28.5	8.1	8.1	22.0	22.0	91.5	91.5	6.3	6.3	5.6	5.6	4	4	78	78	822115	817806	<0.2	<0.2	2.4	2.1				
						1.0	0.3	72	28.5	28.5	8.1	8.1	22.0	22.0	91.5	91.5	6.3	6.3	5.7	5.7	2	2	78	78			<0.2	<0.2	2.4					
						6.1	0.3	309	28.3	28.3	8.1	8.1	24.5	24.5	87.0	87.0	5.9	5.9	5.7	5.7	5	5	80	80			<0.2	<0.2	2.3					
					6.1	0.3	311	28.3	28.3	8.1	8.1	24.5	24.5	87.0	87.0	5.9	5.9	5.7	5.7	3	3	81	81	<0.2			<0.2	2.2						
					11.2	0.2	113	28.3	28.3	8.1	8.1	25.4	25.4	88.2	88.2	6.0	6.0	5.6	5.6	4	4	83	83	<0.2			<0.2	1.8						
					11.2	0.2	113	28.3	28.3	8.1	8.1	25.4	25.4	88.3	88.3	6.0	6.0	5.6	5.6	3	3	82	82	<0.2			<0.2	1.5						
IM1	Cloudy	Moderate	12:52	4.1	Surface	1.0	0.1	139	28.5	28.5	8.2	8.2	24.0	24.0	83.5	83.5	5.7	5.7	11.5	11.5	2	2	80	80	817931	807116	<0.2	<0.2	3.1	3.0				
						1.0	0.1	140	28.5	28.5	8.2	8.2	24.0	24.0	83.5	83.5	5.7	5.7	11.5	11.5	3	3	79	79			<0.2	<0.2	3.0					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-
					3.1	0.1	169	28.4	28.4	8.2	8.2	27.5	27.5	86.5	86.5	5.8	5.8	14.0	14.0	3	3	81	81	<0.2			<0.2	2.9						
					3.1	0.1	172	28.4	28.4	8.2	8.2	27.5	27.5	86.5	86.5	5.8	5.8	14.0	14.0	4	4	81	81	<0.2			<0.2	3.0						
IM2	Cloudy	Moderate	13:00	6.8	Surface	1.0	0.7	210	28.7	28.7	8.2	8.2	23.5	23.5	81.6	81.6	5.5	5.5	12.1	12.1	3	3	77	77	818167	806161	<0.2	<0.2	2.9	3.0				
						1.0	0.7	229	28.7	28.7	8.2	8.2	23.5	23.5	81.6	81.6	5.5	5.5	12.1	12.1	4	4	77	77			<0.2	<0.2	3.0					
						3.4	0.5	207	28.5	28.5	8.2	8.2	25.6	25.6	78.9	78.9	5.3	5.3	17.9	17.9	3	3	79	79			<0.2	<0.2	2.9					
					3.4	0.5	207	28.5	28.5	8.2	8.2	25.6	25.6	78.9	78.9	5.3	5.3	17.9	17.9	3	3	80	80	<0.2			<0.2	2.9						
					5.8	0.3	186	28.4	28.4	8.2	8.2	26.5	26.5	79.8	79.8	5.4	5.4	19.4	19.4	4	4	82	82	<0.2			<0.2	3.0						
					5.8	0.3	200	28.4	28.4	8.2	8.2	26.5	26.5	79.8	79.8	5.4	5.4	19.4	19.4	4	4	81	81	<0.2			<0.2	3.0						
IM3	Rainy	Moderate	13:08	7.2	Surface	1.0	0.9	214	28.7	28.7	8.2	8.2	17.5	17.5	85.3	85.3	6.0	6.0	16.6	16.6	<2	<2	78	78	818756	805613	<0.2	<0.2	3.0	3.0				
						1.0	0.9	232	28.7	28.7	8.2	8.2	17.5	17.5	85.3	85.3	6.0	6.0	16.6	16.6	<2	<2	77	77			<0.2	<0.2	2.9					
						3.6	0.7	207	28.5	28.5	8.1	8.1	23.6	23.6	85.0	85.0	5.8	5.8	19.8	19.8	3	3	81	81			<0.2	<0.2	3.1					
					3.6	0.8	209	28.5	28.5	8.1	8.1	23.6	23.6	85.0	85.0	5.8	5.8	19.8	19.8	3	3	82	82	<0.2			<0.2	2.9						
					6.2	0.4	189	28.6	28.6	8.1	8.1	25.6	25.6	100.0	100.0	6.7	6.7	22.3	22.3	4	4	82	82	<0.2			<0.2	3.0						
					6.2	0.5	205	28.6	28.6	8.1	8.1	25.6	25.6	100.0	100.0	6.7	6.7	22.3	22.3	3	3	84	84	<0.2			<0.2	3.0						
IM4	Rainy	Moderate	13:21	7.6	Surface	1.0	1.0	197	28.8	28.8	8.0	8.0	14.8	14.8	83.9	83.9	6.0	6.0	11.6	11.6	<2	<2	79	79	819753	804627	<0.2	<0.2	5.1	5.0				
						1.0	1.1	215	28.8	28.8	8.0	8.0	14.8	14.8	83.9	83.9	6.0	6.0	11.6	11.6	<2	<2	80	80			<0.2	<0.2	4.8					
						3.8	0.8	195	28.6	28.6	8.1	8.1	21.9	21.9	83.5	83.5	5.7	5.7	17.8	17.8	2	2	80	80			<0.2	<0.2	4.8					
					3.8	0.8	198	28.6	28.6	8.1	8.1	21.9	21.9	83.5	83.5	5.7	5.7	17.8	17.8	2	2	82	82	<0.2			<0.2	5.0						
					6.6	0.6	198	28.6	28.6	8.0	8.0	25.1	25.1	93.0	93.0	6.3	6.3	18.8	18.8	3	3	84	84	<0.2			<0.2	5.0						
					6.6	0.6	209	28.6	28.6	8.0	8.0	25.1	25.1	93.0	93.0	6.3	6.3	18.8	18.8	3	3	83	83	<0.2			<0.2	5.1						
IM5	Rainy	Moderate	13:32	6.3	Surface	1.0	0.4	189	28.7	28.7	8.0	8.0	18.9	18.9	81.5	81.5	5.7	5.7	18.8	18.8	3	3	77	77	820709	804867	<0.2	<0.2	4.8	4.7				
						1.0	0.4	192	28.7	28.7	8.0	8.0	18.9	18.9	81.5	81.5	5.7	5.7	18.8	18.8	2	2	77	77			<0.2	<0.2	4.9					
						3.2	0.4	172	28.7	28.7	8.1	8.1	20.8	20.8	81.9	81.9	5.6	5.6	19.5	19.5	3	3	79	79			<0.2	<0.2	4.8					
					3.2	0.4	185	28.7	28.7	8.1	8.1	20.8	20.8	81.9	81.9	5.6	5.6	19.5	19.5	3	3	80	80	<0.2			<0.2	4.8						
					5.3	0.2	139	28.7	28.7	8.0	8.0	21.0	21.0	85.8	85.8	5.9	5.9	23.3	23.3	3	3	81	81	<0.2			<0.2	4.5						
					5.3	0.3	143	28.7	28.7	8.0	8.0	21.0	21.0	85.8	85.8	5.9	5.9	23.3	23.3	3	3	82	82	<0.2			<0.2	4.6						
IM6	Cloudy	Moderate	12:38	8.1	Surface	1.0	0.3	176	28.7	28.7	8.0	8.0	18.4	18.4	80.0	80.0	5.6	5.6	7.7	7.7	4	4	78	78	821075	805844	<0.2	<0.2	4.6	4.7				
						1.0	0.4	190	28.7	28.7	8.0	8.0	18.4	18.4	79.9	79.9	5.6	5.6	7.7	7.7	5	5	78	78			<0.2	<0.2	4.7					
						4																												

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

Water Quality Monitoring

Water Quality Monitoring Results on 12 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value
IM9	Cloudy	Moderate	12:16	6.9	Surface	1.0	0.5	168	28.8	28.8	7.9	7.9	14.8	14.8	85.0	84.9	6.0	7.8	4	78	4	78	81	822123	808834	<0.2	3.9	3.4					
						1.0	0.5	174	28.8	28.8	7.9	7.9	14.7	14.8	84.8	84.9	6.0	7.9	3	78	3	78	81	822123	808834	<0.2	3.9	3.4					
					Middle	3.5	0.4	133	28.6	28.6	8.0	8.0	21.8	21.8	73.8	73.8	5.1	14.8	4	81	4	81	81	822123	808834	<0.2	4.2	3.7					
						3.5	0.5	139	28.6	28.6	8.0	8.0	21.8	21.8	73.8	73.8	5.1	14.8	3	81	3	81	81	822123	808834	<0.2	3.8	3.4					
					Bottom	5.9	0.3	103	28.6	28.6	8.0	8.0	22.3	22.3	74.8	74.8	5.1	17.8	6	83	6	83	83	822123	808834	<0.2	3.3	3.4					
						5.9	0.3	108	28.6	28.6	8.0	8.0	22.3	22.3	74.8	74.8	5.1	17.8	6	83	6	83	83	822123	808834	<0.2	2.3	3.4					
IM10	Cloudy	Moderate	12:09	7.5	Surface	1.0	0.5	144	28.8	28.8	7.9	7.9	16.1	16.1	78.6	78.6	5.6	9.4	3	79	3	79	81	822363	809822	<0.2	3.7	3.7					
						1.0	0.6	157	28.8	28.8	7.9	7.9	16.1	16.1	78.6	78.6	5.6	9.5	4	78	4	78	81	822363	809822	<0.2	3.9	3.7					
					Middle	3.8	0.5	139	28.5	28.5	8.0	8.0	22.1	22.1	73.5	73.5	5.0	14.3	3	81	3	81	81	822363	809822	<0.2	4.1	3.7					
						3.8	0.5	140	28.5	28.5	8.0	8.0	22.0	22.1	73.5	73.5	5.0	14.2	2	81	2	81	81	822363	809822	<0.2	3.9	3.7					
					Bottom	6.5	0.3	92	28.5	28.5	8.0	8.0	22.5	22.5	75.0	75.1	5.1	20.3	4	83	4	83	83	822363	809822	<0.2	3.0	3.7					
						6.5	0.3	92	28.5	28.5	8.0	8.0	22.5	22.5	75.1	75.1	5.1	20.2	4	82	4	82	83	822363	809822	<0.2	3.3	3.7					
IM11	Cloudy	Moderate	11:55	7.4	Surface	1.0	0.6	116	28.8	28.8	7.9	7.9	16.1	16.1	81.7	81.7	5.8	8.0	3	79	3	79	81	822065	811433	<0.2	3.9	3.7					
						1.0	0.6	118	28.8	28.8	7.9	7.9	16.2	16.1	81.7	81.7	5.8	8.1	3	78	3	78	81	822065	811433	<0.2	4.0	3.7					
					Middle	3.7	0.5	96	28.6	28.6	8.0	8.0	21.6	21.6	75.5	75.5	5.2	16.2	3	81	3	81	81	822065	811433	<0.2	3.9	3.7					
						3.7	0.5	98	28.6	28.6	8.0	8.0	21.6	21.6	75.5	75.5	5.2	16.2	3	81	3	81	81	822065	811433	<0.2	3.9	3.7					
					Bottom	6.4	0.2	60	28.6	28.6	8.0	8.0	22.0	22.0	76.3	76.4	5.2	18.0	3	83	3	83	83	822065	811433	<0.2	3.0	3.7					
						6.4	0.3	63	28.6	28.6	8.0	8.0	22.0	22.0	76.4	76.4	5.2	18.2	4	83	4	83	83	822065	811433	<0.2	3.2	3.7					
IM12	Cloudy	Moderate	11:45	8.7	Surface	1.0	0.5	88	28.7	28.7	7.9	7.9	14.3	14.3	89.7	89.7	6.4	7.8	4	79	4	79	81	821468	812034	<0.2	4.0	4.3					
						1.0	0.5	94	28.7	28.7	7.9	7.9	14.3	14.3	89.6	89.7	6.4	7.9	3	78	3	78	81	821468	812034	<0.2	4.2	4.3					
					Middle	4.4	0.4	80	28.7	28.7	8.0	8.0	20.4	20.5	77.7	77.8	5.4	11.5	2	81	2	81	81	821468	812034	<0.2	4.3	4.3					
						4.4	0.5	81	28.7	28.7	8.0	8.0	20.6	20.5	77.8	77.8	5.4	11.2	4	81	4	81	81	821468	812034	<0.2	4.4	4.3					
					Bottom	7.7	0.4	75	28.7	28.7	8.0	8.0	21.5	21.5	77.9	77.9	5.4	18.7	4	83	4	83	83	821468	812034	<0.2	4.2	4.3					
						7.7	0.4	76	28.7	28.7	8.0	8.0	21.5	21.5	77.9	77.9	5.4	18.7	4	83	4	83	83	821468	812034	<0.2	4.6	4.3					
SR2	Cloudy	Moderate	11:16	4.4	Surface	1.0	0.4	86	28.8	28.8	8.0	8.0	17.7	17.7	84.0	84.0	5.9	8.7	3	79	3	79	81	821463	814187	<0.2	3.6	3.7					
						1.0	0.5	89	28.8	28.8	8.0	8.0	17.8	17.7	84.0	84.0	5.9	8.7	4	78	4	78	81	821463	814187	<0.2	3.4	3.7					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	821463	814187	<0.2	-	3.7		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	821463	814187	<0.2	-	3.7		
					Bottom	3.4	0.3	66	28.6	28.6	8.0	8.0	20.0	20.0	81.5	81.6	5.7	11.5	4	81	4	81	81	821463	814187	<0.2	4.1	3.7					
						3.4	0.3	66	28.6	28.6	8.0	8.0	20.0	20.0	81.7	81.6	5.7	11.6	3	81	3	81	81	821463	814187	<0.2	3.8	3.7					
SR3	Cloudy	Moderate	12:30	8.8	Surface	1.0	0.6	176	28.9	28.9	7.9	7.9	15.6	15.5	84.0	83.9	5.9	6.5	4	-	4	-	-	822123	807574	-	-	-					
						1.0	0.6	180	28.9	28.9	7.9	7.9	15.5	15.5	83.8	83.9	5.9	6.5	3	-	3	-	-	-	822123	807574	-	-	-				
					Middle	4.4	0.3	151	28.6	28.6	8.0	8.0	21.2	21.1	75.3	75.4	5.2	10.7	4	-	4	-	-	-	-	822123	807574	-	-	-			
						4.4	0.3	160	28.6	28.6	8.0	8.0	21.1	21.1	75.4	75.4	5.2	10.7	2	-	2	-	-	-	-	822123	807574	-	-	-			
					Bottom	7.8	0.2	218	28.5	28.5	8.1	8.1	23.5	23.5	76.9	76.9	5.2	16.9	3	-	3	-	-	-	-	-	822123	807574	-	-	-		
						7.8	0.2	238	28.5	28.5	8.1	8.1	23.6	23.5	76.9	76.9	5.2	17.4	4	-	4	-	-	-	-	-	822123	807574	-	-	-		
SR4A	Cloudy	Calm	12:11	9.4	Surface	1.0	0.1	100	28.8	28.8	8.2	8.2	20.5	20.5	85.1	85.1	5.9	9.6	3	-	3	-	-	817212	807814	-	-	-					
						1.0	0.1	105	28.8	28.8	8.2	8.2	20.5	20.5	85.1	85.1	5.9	9.6	2	-	2	-	-	-	-	817212	807814	-	-	-			
					Middle	4.7	0.1	44	28.3	28.3	8.2	8.2	27.9	27.9	77.5	77.5	5.2	13.3	4	-	4	-	-	-	-	817212	807814	-	-	-			
						4.7	0.2	44	28.3	28.3	8.2	8.2	27.9	27.9	77.5	77.5	5.2	13.3	3	-	3	-	-	-	-	817212	807814	-	-	-			
					Bottom	8.4	0.1	72	28.3	28.3	8.2	8.2	28.1	28.1	77.5	77.5	5.2	17.7	4	-	4	-	-	-	-	-	817212	807814	-	-	-		
						8.4	0.1	78	28.3	28.3	8.2	8.2	28.1	28.1	77.5	77.5	5.2	17.7	4	-	4	-	-	-	-	-	817212	807814	-	-	-		
SR5A	Cloudy	Calm	11:54	3.9	Surface	1.0	0.1	344	29.1	29.1	8.1	8.1	19.3	19.3	94.7	94.7	6.5	7.7	4	-	4	-	-	816617	810721	-	-	-					
						1.0	0.1	316	29.1	29.1	8.1	8.1	19.3	19.3	94.7	94.7	6.5	7.7	3	-	3	-	-	-	-	816617	810721	-	-	-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	816617	810721	-	-	-			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	816617	810721	-	-	-			
					Bottom	2.9	0.0	113	29.1	29.1	8.1	8.1	20.7	20.7	97.4	97.4	6.7	7.9	5	-	5	-	-	-	-	816617	810721	-	-	-			
						2.9	0.0	115	29.1	29.1	8.1	8.1	20.7	20.7	97.4	97.4	6.7	7.9	6	-	6	-	-	-	-	816617	810721	-	-	-			
SR6	Cloudy	Calm	11:26																														

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

Water Quality Monitoring

Water Quality Monitoring Results on 12 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA		
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA		
C1	Cloudy	Moderate	17:55	8.6	Surface	1.0	0.5	14	28.6	28.6	8.1	8.1	18.3	18.3	87.6	87.6	6.1	10.9	5	78	5	78	81	815618	804220	<0.2	3.0	3.1				
						1.0	0.6	14	28.6	28.6	8.1	8.1	18.3	18.3	87.6	87.6	6.1	10.9	5	79	5	79	81	81	81	<0.2	3.0					
					Middle	4.3	0.5	18	28.5	28.5	8.2	8.2	24.4	24.4	78.8	78.8	5.3	15.9	6	82	6	82	81	81	81	<0.2	3.2					
						4.3	0.6	18	28.5	28.5	8.2	8.2	24.4	24.4	78.8	78.8	5.3	15.9	6	82	6	82	81	81	81	<0.2	3.0					
					Bottom	7.6	0.4	19	28.5	28.5	8.2	8.2	25.3	25.3	86.6	86.6	5.8	21.0	5	83	5	83	81	81	81	<0.2	3.2					
						7.6	0.4	19	28.5	28.5	8.2	8.2	25.3	25.3	86.6	86.6	5.8	21.0	6	83	6	83	81	81	81	<0.2	2.9					
C2	Rainy	Moderate	16:48	11.1	Surface	1.0	0.7	182	28.5	28.5	7.7	7.7	11.9	11.9	62.4	63.0	4.5	13.1	4	79	4	79	81	825679	806967	<0.2	5.2	4.3				
						1.0	0.7	194	28.5	28.5	7.7	7.7	11.8	11.9	63.5	63.0	4.6	13.4	6	79	6	79	81	81	81	<0.2	5.1					
					Middle	5.6	0.1	237	28.4	28.4	7.9	7.9	21.5	21.5	66.0	65.6	4.6	17.2	6	81	6	81	81	81	81	<0.2	4.8					
						5.6	0.1	246	28.4	28.4	7.9	7.9	21.5	21.5	65.1	65.6	4.5	17.6	6	81	6	81	81	81	81	<0.2	4.9					
					Bottom	10.1	0.3	305	28.3	28.3	7.9	7.9	22.2	22.2	64.8	64.8	4.5	21.4	12	83	12	83	81	81	81	<0.2	2.8					
						10.1	0.3	315	28.3	28.3	7.9	7.9	22.2	22.2	64.8	64.8	4.5	21.4	11	83	11	83	81	81	81	<0.2	2.8					
C3	Rainy	Moderate	18:36	11.8	Surface	1.0	0.3	233	28.5	28.5	8.0	8.0	21.2	21.2	81.6	81.4	5.6	7.3	4	79	4	79	81	822104	817817	<0.2	2.5	2.3				
						1.0	0.3	245	28.5	28.5	8.0	8.0	21.2	21.2	81.2	81.4	5.6	7.5	4	79	4	79	81	81	81	<0.2	2.7					
					Middle	5.9	0.2	251	28.3	28.3	8.1	8.1	24.1	24.1	80.2	80.2	5.5	8.5	4	81	4	81	81	81	81	<0.2	2.6					
						5.9	0.2	271	28.3	28.3	8.1	8.1	24.1	24.1	80.1	80.2	5.5	9.1	3	81	3	81	81	81	81	<0.2	2.4					
					Bottom	10.8	0.4	288	28.2	28.2	8.1	8.1	26.3	26.3	79.4	79.4	5.4	14.0	4	83	4	83	81	81	81	<0.2	2.0					
						10.8	0.4	300	28.2	28.2	8.1	8.1	26.3	26.3	79.4	79.4	5.4	14.1	5	83	5	83	81	81	81	<0.2	1.7					
IM1	Cloudy	Moderate	17:33	4.7	Surface	1.0	0.4	25	28.7	28.7	8.2	8.2	21.1	21.1	97.6	97.6	6.7	16.9	8	78	7	79	81	817925	807156	<0.2	2.6	2.6				
						1.0	0.5	25	28.7	28.7	8.2	8.2	21.1	21.1	97.6	97.6	6.7	16.9	7	79	7	79	81	81	81	<0.2	2.6					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
					Bottom	3.7	0.3	32	28.7	28.7	8.2	8.2	22.5	22.5	105.6	105.6	7.2	19.8	8	83	8	83	81	81	81	81	817925		807156	<0.2	2.5	
						3.7	0.3	34	28.7	28.7	8.2	8.2	22.5	22.5	105.6	105.6	7.2	19.8	8	83	8	83	81	81	81	81	81		817925	807156	<0.2	2.6
IM2	Cloudy	Moderate	17:26	6.8	Surface	1.0	0.1	334	28.6	28.6	8.2	8.2	19.5	19.5	92.9	92.9	6.5	11.4	7	78	8	79	81	818161	806159	<0.2	2.5	2.6				
						1.0	0.1	339	28.6	28.6	8.2	8.2	19.5	19.5	92.9	92.9	6.5	11.4	8	79	8	79	81	81	81	<0.2	2.6					
					Middle	3.4	0.2	0	28.6	28.6	8.2	8.2	21.4	21.4	84.9	84.9	5.8	16.6	7	82	7	82	81	81	81	<0.2	2.6					
						3.4	0.2	0	28.6	28.6	8.2	8.2	21.4	21.4	84.9	84.9	5.8	16.6	8	82	8	82	81	81	81	<0.2	2.7					
					Bottom	5.8	0.3	1	28.5	28.5	8.2	8.2	26.3	26.3	83.2	83.2	5.6	19.6	7	83	7	83	81	81	81	81	<0.2		2.7			
						5.8	0.3	1	28.5	28.5	8.2	8.2	26.3	26.3	83.2	83.2	5.6	19.6	6	83	6	83	81	81	81	81	<0.2		2.6			
IM3	Cloudy	Moderate	17:19	7.0	Surface	1.0	0.3	341	28.6	28.6	8.1	8.1	17.3	17.3	81.5	81.5	5.7	10.7	7	78	7	79	81	818771	805566	<0.2	4.0	4.0				
						1.0	0.3	348	28.6	28.6	8.1	8.1	17.3	17.3	81.5	81.5	5.7	10.7	7	79	7	79	81	81	81	<0.2	4.0					
					Middle	3.5	0.4	8	28.6	28.6	8.2	8.2	20.8	20.8	80.2	80.2	5.5	11.3	8	81	8	81	81	81	81	<0.2	3.9					
						3.5	0.4	8	28.6	28.6	8.2	8.2	20.8	20.8	80.2	80.2	5.5	11.3	7	82	7	82	81	81	81	<0.2	4.0					
					Bottom	6.0	0.4	48	28.6	28.6	8.1	8.1	25.1	25.1	82.6	82.6	5.6	16.6	10	84	10	84	81	81	81	81	<0.2		4.3			
						6.0	0.4	51	28.6	28.6	8.1	8.1	25.1	25.1	82.6	82.6	5.6	16.6	11	84	11	84	81	81	81	81	<0.2		3.9			
IM4	Cloudy	Moderate	17:09	7.1	Surface	1.0	0.5	307	28.6	28.6	7.9	7.9	14.6	14.6	76.3	76.3	5.5	19.0	6	78	5	79	81	819720	804603	<0.2	3.9	3.8				
						1.0	0.5	335	28.6	28.6	7.9	7.9	14.6	14.6	76.3	76.3	5.5	19.0	5	79	5	79	81	81	81	<0.2	3.9					
					Middle	3.6	0.3	1	28.6	28.6	8.0	8.0	18.0	18.0	77.4	77.4	5.4	19.2	5	81	5	81	81	81	81	<0.2	3.7					
						3.6	0.3	1	28.6	28.6	8.0	8.0	18.0	18.0	77.4	77.4	5.4	19.2	5	82	5	82	81	81	81	<0.2	3.7					
					Bottom	6.1	0.2	354	28.6	28.6	8.0	8.0	20.7	20.7	87.3	87.3	6.0	22.0	6	84	6	84	81	81	81	81	<0.2		3.6			
						6.1	0.2	326	28.6	28.6	8.0	8.0	20.7	20.7	87.3	87.3	6.0	22.0	6	83	6	83	81	81	81	81	<0.2		3.8			
IM5	Cloudy	Moderate	17:01	6.1	Surface	1.0	0.7	303	28.6	28.6	7.8	7.8	13.5	13.5	77.6	77.6	5.6	12.0	4	77	5	77	81	820720	804840	<0.2	3.8	3.8				
						1.0	0.7	322	28.6	28.6	7.8	7.8	13.5	13.5	77.6	77.6	5.6	12.0	5	77	5	77	81	81	81	<0.2	3.8					
					Middle	3.1	0.5	318	28.6	28.6	7.8	7.8	14.1	14.1	74.9	74.9	5.4	16.8	4	81	4	81	81	81	81	<0.2	4.4					
						3.1	0.5	324	28.6	28.6	7.8	7.8	14.1	14.1	74.9	74.9	5.4	16.8	4	82	4	82	81	81	81	<0.2	3.6					
					Bottom	5.1	0.3	323	28.6	28.6	7.9	7.9	17.9	17.9	79.7	79.7	5.6	19.4	4	84	4	84	81	81	81	81	<0.2		3.8			
						5.1	0.3	331	28.6	28.6	7.9	7.9	17.9	17.9	79.7	79.7	5.6	19.4	4	84	4	84	81	81	81	81	<0.2		3.6			
IM6	Cloudy	Moderate	16:56	6.1	Surface	1.0	0.9	286	28.6	28.6	7.8	7.8	12.4	12.4	79.2	79.2	5.7	9.9	5	78	5	77	81	821078	805815	<0.2	4.2	4.3				
						1.0	0.9	295	28.6	28.6	7.8	7.8	12.4	12.4	79.2	79.2	5.7	9.9	5	77	5	77	81	81	81	<0.2	4.3					
					Middle	3.1	0.6	299	28.6	28.6	7.9	7.9	15.9	15.9	72.8	72.8	5.2	14.2	5	82	5	82	81	81	81	<0.2	4.5					
						3.1	0.6	319	28.6	28.6	7.9	7.9	15.9	15.9	72.8	72.8	5.2	14.2	5	81	5	81										

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

Water Quality Monitoring

Water Quality Monitoring Results on 12 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
IM9	Cloudy	Moderate	17:18	6.8	Surface	1.0	0.2	194	28.7	7.8	7.8	13.1	13.0	81.8	78.8	5.9	9.5	5	79	81	822068	808805	<0.2	<0.2	3.6	3.6						
						1.0	0.2	198	28.8	28.7	7.8	7.8	13.0	13.0	75.7	78.8	5.4	9.3	6	79	81	<0.2	<0.2	3.6	3.6							
					Middle	3.4	0.1	208	28.7	28.7	7.8	7.8	15.8	16.6	73.1	73.0	5.2	9.3	4	81	81	<0.2	<0.2	3.7	3.6							
						3.4	0.1	217	28.8	28.7	7.8	7.8	17.5	16.6	72.9	73.0	5.1	9.9	6	81	81	<0.2	<0.2	3.7	3.6							
					Bottom	5.8	0.1	311	28.7	28.7	7.8	7.8	18.0	18.0	72.9	73.0	5.1	11.3	6	83	83	<0.2	<0.2	3.5	3.5							
						5.8	0.1	316	28.7	28.7	7.8	7.8	18.0	18.0	80.9	76.9	5.7	10.0	5	83	83	<0.2	<0.2	3.4	3.4							
IM10	Cloudy	Moderate	17:27	7.0	Surface	1.0	0.2	246	28.7	7.9	7.9	15.9	15.9	83.6	83.6	5.9	8.2	3	79	81	822402	809787	<0.2	<0.2	3.2	3.1						
						1.0	0.2	253	28.7	28.7	7.9	7.9	15.9	15.9	83.5	83.6	5.9	8.3	4	79	81	<0.2	<0.2	3.3	3.3							
					Middle	3.5	0.1	303	28.7	28.7	7.9	7.9	18.1	17.8	73.4	72.7	5.1	14.8	3	81	81	<0.2	<0.2	3.3	3.3							
						3.5	0.2	304	28.7	28.7	7.9	7.9	17.5	17.8	71.9	72.7	5.1	16.1	3	81	81	<0.2	<0.2	3.1	3.1							
					Bottom	6.0	0.1	318	28.6	28.6	7.8	7.8	18.9	18.9	71.1	71.1	5.0	20.1	6	83	83	<0.2	<0.2	3.0	3.0							
						6.0	0.1	334	28.6	28.6	7.8	7.8	18.9	18.9	71.1	71.1	5.0	20.1	4	83	83	<0.2	<0.2	2.9	2.9							
IM11	Cloudy	Moderate	17:40	7.6	Surface	1.0	0.3	336	28.5	7.9	7.9	16.9	16.9	78.2	78.1	5.5	9.4	6	79	81	822047	811438	<0.2	<0.2	2.8	2.6						
						1.0	0.3	334	28.5	28.5	7.9	7.9	16.9	16.9	78.0	78.1	5.5	9.5	4	79	81	<0.2	<0.2	2.8	2.8							
					Middle	3.8	0.3	322	28.6	28.6	7.9	7.9	20.2	20.2	75.7	75.7	5.2	12.4	8	81	81	<0.2	<0.2	2.9	2.9							
						3.8	0.3	348	28.6	28.6	7.9	7.9	20.2	20.2	75.7	75.7	5.2	12.6	6	81	81	<0.2	<0.2	2.8	2.8							
					Bottom	6.6	0.2	227	28.4	28.4	8.0	8.0	22.3	22.3	72.9	72.9	5.0	14.7	11	84	84	<0.2	<0.2	2.3	2.3							
						6.6	0.3	235	28.4	28.4	8.0	8.0	22.3	22.3	72.9	72.9	5.0	14.8	9	83	83	<0.2	<0.2	2.2	2.2							
IM12	Cloudy	Moderate	17:50	8.5	Surface	1.0	0.3	314	28.7	8.1	8.1	19.5	19.5	100.9	100.9	7.0	10.8	12	79	81	821439	812069	<0.2	<0.2	2.2	2.1						
						1.0	0.3	332	28.7	28.7	8.1	8.1	19.5	19.5	100.8	100.9	7.0	10.4	10	79	81	<0.2	<0.2	2.1	2.1							
					Middle	4.3	0.4	265	28.6	28.5	8.0	8.0	21.0	21.0	85.7	85.7	5.9	13.2	14	81	81	<0.2	<0.2	2.3	2.1							
						4.3	0.4	271	28.5	28.5	8.0	8.0	21.0	21.0	85.6	85.7	5.9	13.6	14	81	81	<0.2	<0.2	2.3	2.1							
					Bottom	7.5	0.2	238	28.5	28.5	8.0	8.0	21.6	21.6	85.6	85.6	5.9	17.3	12	83	83	<0.2	<0.2	2.0	2.0							
						7.5	0.2	260	28.5	28.5	8.0	8.0	21.6	21.6	85.6	85.6	5.9	17.5	13	83	83	<0.2	<0.2	2.0	2.0							
SR2	Rainy	Moderate	18:11	4.5	Surface	1.0	0.1	166	28.5	8.0	8.0	20.3	20.3	78.3	78.3	5.4	12.1	7	79	80	821471	814139	<0.2	<0.2	2.3	2.4						
						1.0	0.1	168	28.5	28.5	8.0	8.0	20.3	20.3	78.2	78.3	5.4	12.1	6	79	81	<0.2	<0.2	2.3	2.3							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
					Bottom	3.5	0.1	316	28.4	28.4	8.0	8.0	22.0	22.1	77.4	77.7	5.3	22.2	8	81	81	<0.2	<0.2	2.4	2.4							
						3.5	0.1	316	28.4	28.4	8.0	8.0	22.2	22.1	78.0	77.7	5.4	22.1	8	81	81	<0.2	<0.2	2.4	2.4							
SR3	Cloudy	Moderate	17:04	8.8	Surface	1.0	0.5	177	28.7	7.8	7.8	12.7	12.7	75.5	75.4	5.4	10.8	4	-	-	822158	807562	-	-	-	-						
						1.0	0.5	184	28.7	28.7	7.8	7.8	12.7	12.7	75.2	75.4	5.4	10.8	6	-	-	-	-	-	-							
					Middle	4.4	0.2	203	28.7	28.7	7.7	7.7	14.2	14.2	75.0	75.1	5.4	11.7	5	-	-	-	-	-	-	-	-					
						4.4	0.2	217	28.7	28.7	7.7	7.7	14.1	14.2	75.1	75.1	5.4	11.6	6	-	-	-	-	-	-	-	-					
					Bottom	7.8	0.3	248	28.5	28.5	7.8	7.8	18.5	18.6	65.9	66.1	4.6	15.2	7	-	-	-	-	-	-	-	-	-				
						7.8	0.3	250	28.5	28.5	7.8	7.8	18.6	18.6	66.2	66.1	4.6	15.4	8	-	-	-	-	-	-	-	-					
SR4A	Rainy	Moderate	18:15	8.0	Surface	1.0	0.2	235	28.9	8.2	8.2	21.1	21.1	92.0	92.0	6.3	11.9	6	-	-	817206	807830	-	-	-	-						
						1.0	0.2	243	28.9	28.9	8.2	8.2	21.1	21.1	92.0	92.0	6.3	11.9	5	-	-	-	-	-	-							
					Middle	4.0	0.1	241	28.9	28.9	8.2	8.2	21.4	21.4	87.8	87.8	6.0	12.8	6	-	-	-	-	-	-	-	-					
						4.0	0.1	262	28.9	28.9	8.2	8.2	21.4	21.4	87.8	87.8	6.0	12.8	7	-	-	-	-	-	-	-	-					
					Bottom	7.0	0.1	99	28.8	28.8	8.1	8.1	23.3	23.3	84.8	84.8	5.8	14.8	7	-	-	-	-	-	-	-	-					
						7.0	0.1	104	28.8	28.8	8.1	8.1	23.3	23.3	84.8	84.8	5.8	14.8	5	-	-	-	-	-	-	-	-					
SR5A	Rainy	Calm	18:32	4.8	Surface	1.0	0.3	261	28.8	8.2	8.2	20.9	20.9	96.4	96.4	6.6	11.1	5	-	-	816583	810710	-	-	-	-						
						1.0	0.3	265	28.8	28.8	8.2	8.2	20.9	20.9	96.4	96.4	6.6	11.1	5	-	-	-	-	-	-							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Bottom	3.8	0.2	293	28.8	28.8	8.1	8.1	21.8	21.8	101.5	101.5	7.0	11.7	5	-	-	-	-	-	-	-	-					
						3.8	0.2	305	28.8	28.8	8.1	8.1	21.8	21.8	101.5	101.5	7.0	11.7	6	-	-	-	-	-	-	-						
SR6	Rainy	Calm	18:58	3.6	Surface	1.0	0.1	171	28.6	8.1	8.1	19.7	19.7	84.4	84.4	5.9	10.8	3	-	-	817869	814674	-	-	-	-						
						1.0	0.1	176	28.6	28.6	8.1	8.1	19.7	19.7	84.4	84.4	5.9	10.8	2	-	-	-	-	-	-							
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
					Bottom	2.6	0.1	242	28.6	28.6	8.1	8.1	20.4	20.4	83.8	83.8	5.8	13.1	4	-	-	-	-	-	-	-						
						2.6	0.1	252	28.6	28.6	8.1	8.1	20.4	20.4	83.8	83.8	5.8	13.5	3	-	-	-	-	-	-							
SR7	Rainy	Moderate	19:10	18.5	Surface	1.0	0.2	62	28.3	8.1	8.1	24.8	24.8	81.5	81.5	5.5	8.9	4	-	-	823656	823743	-	-	-	-						
						1.0	0.2	65	28.3	28.3	8.1	8.1	24.8	24.8	81.4	81.5	5.5	8.9	2	-	-	-	-	-								
					Middle	9.3	0.2	248	28.2	28.2	8.1	8.1	26.7	26.7	79.0	79.1	5.3	13.4	3	-	-	-	-	-	-							
						9.3	0.2	259	28.2	28.2	8.1	8.1	26.6	26.7	79.1	79.1	5.3	13.4	3	-	-											

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

Water Quality Monitoring

Water Quality Monitoring Results on 14 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)				
					Value	Average			Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	
					Value	Average			Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value
C1	Cloudy	Calm	13:35	8.8	Surface	1.0	0.8	215	28.3	8.0	8.0	21.5	21.5	84.9	84.9	5.9	5.5	1.2	9.3	3	4	79	81	815644	804220	<0.2	<0.2	1.9	1.7				
						1.0	0.8	231	28.3	28.3	8.0	8.0	21.5	21.5	84.8	84.8	5.9	5.5	1.3	9.3	3	4	79	81	815644	804220	<0.2	<0.2	1.9	1.7			
					Middle	4.4	0.8	217	28.0	28.0	8.0	8.0	27.6	27.6	75.3	75.3	5.1	5.1	6.4	9.3	5	4	80	81	815644	804220	<0.2	<0.2	1.5	1.7			
						4.4	0.8	226	28.0	28.0	8.0	8.0	27.6	27.6	75.2	75.2	5.1	5.1	6.1	9.3	3	4	80	81	815644	804220	<0.2	<0.2	1.3	1.7			
					Bottom	7.8	0.6	222	28.0	28.0	8.0	8.0	28.2	28.2	75.4	75.4	5.1	5.1	20.6	5.1	4	4	83	83	815644	804220	<0.2	<0.2	1.8	1.7			
						7.8	0.6	235	28.0	28.0	8.0	8.0	28.2	28.2	75.6	75.6	5.1	5.1	20.4	5.1	4	4	83	83	815644	804220	<0.2	<0.2	1.8	1.7			
C2	Cloudy	Moderate	14:33	11.5	Surface	1.0	1.2	163	28.5	7.9	7.9	16.2	16.2	76.8	76.8	5.5	5.3	10.3	14.7	7	6	78	80	825681	806931	<0.2	<0.2	3.0	3.1				
						1.0	1.3	173	28.5	28.5	7.9	7.9	16.2	16.2	76.8	76.8	5.5	5.3	10.3	14.7	6	6	78	80	825681	806931	<0.2	<0.2	3.2	3.1			
					Middle	5.8	0.6	143	28.3	28.3	8.1	8.1	21.1	21.1	73.5	73.5	5.1	5.1	15.2	6	6	80	80	825681	806931	<0.2	<0.2	3.9	3.1				
						5.8	0.7	146	28.3	28.3	8.1	8.1	21.1	21.1	73.5	73.5	5.1	5.1	15.3	6	6	80	80	825681	806931	<0.2	<0.2	3.4	3.1				
					Bottom	10.5	0.4	112	28.3	28.3	8.1	8.1	22.9	22.9	73.8	73.8	5.1	5.1	18.4	5.1	7	7	82	83	825681	806931	<0.2	<0.2	2.6	2.4			
						10.5	0.4	121	28.3	28.3	8.1	8.1	22.9	22.9	73.8	73.8	5.1	5.1	18.8	5.1	7	7	83	83	825681	806931	<0.2	<0.2	2.4	2.4			
C3	Cloudy	Moderate	12:17	12.7	Surface	1.0	0.4	79	28.3	8.1	8.1	23.7	23.7	80.3	80.3	5.5	5.4	8.9	9.3	10	9	79	81	822128	817823	<0.2	<0.2	2.0	1.7				
						1.0	0.4	82	28.3	28.3	8.1	8.1	23.7	23.7	80.3	80.3	5.5	5.4	8.8	9.3	9	9	79	81	822128	817823	<0.2	<0.2	1.7	1.7			
					Middle	6.4	0.2	271	28.2	28.2	8.1	8.1	25.7	25.7	77.5	77.5	5.2	5.2	9.4	9.3	10	9	81	81	822128	817823	<0.2	<0.2	1.4	1.7			
						6.4	0.3	279	28.2	28.2	8.1	8.1	25.7	25.7	77.5	77.5	5.2	5.2	9.4	9.3	10	9	81	81	822128	817823	<0.2	<0.2	1.6	1.7			
					Bottom	11.7	0.2	102	28.2	28.2	8.1	8.1	26.0	26.0	77.9	77.9	5.3	5.3	9.6	5.3	9	9	83	83	822128	817823	<0.2	<0.2	1.7	1.7			
						11.7	0.2	110	28.2	28.2	8.2	8.1	26.1	26.0	78.2	78.1	5.3	5.3	9.6	5.3	8	9	83	83	822128	817823	<0.2	<0.2	1.5	1.7			
IM1	Cloudy	Moderate	13:59	4.9	Surface	1.0	0.1	187	28.2	8.0	8.0	25.4	25.4	72.2	72.2	4.9	4.9	3.4	8.1	4	6	78	80	817970	807142	<0.2	<0.2	1.7	1.9				
						1.0	0.1	193	28.2	28.2	8.0	8.0	25.4	25.4	72.2	72.2	4.9	4.9	3.4	8.1	5	6	78	80	817970	807142	<0.2	<0.2	1.8	1.9			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					Bottom	3.9	0.1	177	28.1	28.1	8.0	8.0	27.6	27.6	73.4	73.6	4.9	4.9	12.8	4.9	7	6	81	81	817970	807142	<0.2	<0.2	1.9	1.9			
						3.9	0.1	179	28.1	28.1	8.0	8.0	27.5	27.6	73.8	73.8	4.9	4.9	12.8	4.9	9	6	82	81	817970	807142	<0.2	<0.2	2.0	1.9			
IM2	Cloudy	Moderate	14:07	7.3	Surface	1.0	0.9	198	28.3	8.0	8.0	21.8	21.8	79.4	79.4	5.5	5.2	2.6	7.2	5	6	79	81	818151	806184	<0.2	<0.2	1.9	1.7				
						1.0	0.9	200	28.3	28.3	8.0	8.0	21.8	21.8	79.3	79.4	5.5	5.2	2.7	7.2	6	6	79	81	818151	806184	<0.2	<0.2	1.6	1.7			
					Middle	3.7	0.8	193	28.1	28.1	8.0	8.0	26.0	26.0	73.0	73.0	4.9	4.9	4.2	5.2	5	6	81	81	818151	806184	<0.2	<0.2	1.9	1.7			
						3.7	0.9	200	28.1	28.1	8.0	8.0	26.0	26.0	73.0	73.0	4.9	4.9	4.3	5.2	5	6	81	81	818151	806184	<0.2	<0.2	1.9	1.7			
					Bottom	6.3	0.6	196	28.0	28.0	8.0	8.0	26.8	26.8	71.9	72.0	4.9	4.9	14.7	4.9	7	6	83	81	818151	806184	<0.2	<0.2	1.2	1.7			
						6.3	0.6	214	28.0	28.0	8.0	8.0	26.8	26.8	72.0	72.0	4.9	4.9	14.8	4.9	7	6	83	81	818151	806184	<0.2	<0.2	1.2	1.7			
IM3	Cloudy	Moderate	14:15	7.2	Surface	1.0	0.8	216	28.5	7.9	7.9	19.6	19.6	79.8	79.7	5.6	5.4	4.2	8.8	6	7	79	81	818811	805567	<0.2	<0.2	1.9	1.7				
						1.0	0.9	217	28.5	28.5	7.9	7.9	19.6	19.6	79.6	79.7	5.5	5.4	4.2	8.8	5	7	79	81	818811	805567	<0.2	<0.2	1.6	1.7			
					Middle	3.6	0.7	212	28.1	28.1	8.0	8.0	23.9	23.8	75.4	75.4	5.2	5.2	4.0	5.4	7	7	81	81	818811	805567	<0.2	<0.2	1.7	1.7			
						3.6	0.8	220	28.1	28.1	8.0	8.0	23.7	23.8	75.3	75.3	5.2	5.2	3.9	5.4	7	7	81	81	818811	805567	<0.2	<0.2	2.1	1.7			
					Bottom	6.2	0.6	214	28.1	28.1	8.0	8.0	26.9	26.9	75.3	75.5	5.1	5.1	18.3	5.1	7	7	83	81	818811	805567	<0.2	<0.2	1.0	1.7			
						6.2	0.6	235	28.1	28.1	8.0	8.0	26.9	26.9	75.6	75.6	5.1	5.1	18.3	5.1	7	7	83	81	818811	805567	<0.2	<0.2	1.6	1.7			
IM4	Cloudy	Moderate	14:26	7.3	Surface	1.0	1.2	210	28.4	7.9	7.9	17.6	17.6	83.7	83.7	5.9	5.7	3.1	8.6	5	4	79	81	819743	804626	<0.2	<0.2	2.1	1.9				
						1.0	1.3	222	28.4	28.4	7.9	7.9	17.6	17.6	83.6	83.6	5.9	5.7	3.1	8.6	5	4	80	81	819743	804626	<0.2	<0.2	2.0	1.9			
					Middle	3.7	1.1	212	28.3	28.3	7.9	7.9	19.3	19.3	78.1	78.1	5.5	5.5	3.4	8.6	4	4	81	81	819743	804626	<0.2	<0.2	2.2	1.9			
						3.7	1.1	220	28.3	28.3	7.9	7.9	19.3	19.3	78.1	78.1	5.5	5.5	3.4	8.6	4	4	81	81	819743	804626	<0.2	<0.2	1.4	1.9			
					Bottom	6.3	0.7	208	28.2	28.2	7.9	7.9	22.4	22.4	79.2	79.5	5.5	5.5	19.2	5.5	4	4	83	81	819743	804626	<0.2	<0.2	1.9	1.9			
						6.3	0.8	210	28.2	28.2	7.9	7.9	22.3	22.4	79.7	79.5	5.5	5.5	19.1	5.5	4	4	83	81	819743	804626	<0.2	<0.2	1.6	1.9			
IM5	Cloudy	Moderate	14:37	6.2	Surface	1.0	1.3	207	28.3	7.9	7.9	18.9	19.0	73.0	72.9	5.1	5.1	6.6	12.6	5	5	78	81	820706	804839	<0.2	<0.2	2.0	2.1				
						1.0	1.4	212	28.3	28.3	7.9	7.9	19.0	19.0	72.8	72.9	5.1	5.1	6.6	12.6	4	5	79	81	820706	804839	<0.2	<0.2	2.0	2.1			
					Middle	3.1	1.0	215	28.1	28.1	7.9	7.9	22.9	22.9	72.1	72.2	5.0	5.0	14.7	5.0	4	5	81	81	820706	804839	<0.2	<0.2	2.0	2.1			
						3.1	1.0	234	28.1	28.1	7.9	7.9	22.8	22.9	72.2	72.2	5.0	5.0	14.5	5.0	6	5											

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

Water Quality Monitoring

Water Quality Monitoring Results on 14 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA		
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA
IM9	Cloudy	Moderate	13:49	7.8	Surface	1.0	0.5	175	28.3	8.0	8.0	19.2	19.1	73.7	73.7	5.2	5.2	11.4	11.3	4	4	78	78	81	822117	808787	<0.2	<0.2	2.6	2.4				
						1.0	0.5	180	28.3	8.0	8.0	19.1	19.1	73.7	73.7	5.2	5.2	11.3	11.3	4	4	79	79	81	81	<0.2	<0.2	1.9	1.9					
					Middle	3.9	0.4	154	28.2	8.1	8.1	21.3	21.4	74.8	74.8	5.2	5.2	12.7	12.7	5	5	81	81	81	81	<0.2	<0.2	2.1	2.1					
						3.9	0.4	155	28.2	8.1	8.1	21.5	21.4	74.7	74.8	5.2	5.2	13.0	13.0	4	4	81	81	81	81	<0.2	<0.2	3.0	3.0					
					Bottom	6.8	0.3	127	28.2	8.1	8.1	22.7	22.7	74.7	74.7	5.1	5.1	13.8	13.8	5	5	83	83	83	83	<0.2	<0.2	2.5	2.5					
						6.8	0.3	127	28.2	8.1	8.1	22.8	22.7	74.8	74.8	5.1	5.1	14.0	14.0	5	5	83	83	83	83	<0.2	<0.2	2.6	2.6					
IM10	Cloudy	Moderate	13:44	7.5	Surface	1.0	0.5	155	28.3	8.0	8.0	19.1	19.1	74.0	74.0	5.2	5.2	11.3	11.3	6	6	79	79	81	822403	809765	<0.2	<0.2	2.8	2.6				
						1.0	0.6	162	28.3	8.0	8.0	19.1	19.1	74.0	74.0	5.2	5.2	11.3	11.3	4	4	78	78	81	81	<0.2	<0.2	2.9	2.9					
					Middle	3.8	0.5	141	28.2	8.1	8.1	21.4	21.4	74.7	74.7	5.2	5.2	12.6	12.6	5	5	81	81	81	81	<0.2	<0.2	2.5	2.5					
						3.8	0.5	141	28.2	8.1	8.1	21.5	21.4	74.8	74.8	5.2	5.2	12.6	12.6	5	5	81	81	81	81	<0.2	<0.2	2.5	2.5					
					Bottom	6.5	0.3	98	28.2	8.1	8.1	22.6	22.6	77.3	77.3	5.3	5.3	18.7	18.7	4	4	83	83	83	83	<0.2	<0.2	2.5	2.5					
						6.5	0.3	100	28.2	8.1	8.1	22.4	22.5	78.2	77.8	5.4	5.4	18.9	18.9	4	4	83	83	83	83	<0.2	<0.2	2.2	2.2					
IM11	Cloudy	Moderate	13:35	7.8	Surface	1.0	0.5	126	28.3	8.0	8.0	19.2	19.0	74.1	74.4	5.2	5.2	11.4	11.5	4	4	78	78	81	822036	811454	<0.2	<0.2	2.4	2.4				
						1.0	0.5	134	28.3	8.0	8.0	18.9	19.0	74.6	74.4	5.2	5.2	11.5	11.5	5	5	79	79	81	81	<0.2	<0.2	2.2	2.2					
					Middle	3.9	0.5	102	28.2	8.1	8.1	21.3	21.3	75.0	75.0	5.2	5.2	12.8	12.8	5	5	81	81	81	81	<0.2	<0.2	2.4	2.4					
						3.9	0.5	104	28.2	8.1	8.1	21.3	21.3	75.0	75.0	5.2	5.2	13.1	13.1	4	4	81	81	81	81	<0.2	<0.2	2.2	2.2					
					Bottom	6.8	0.3	66	28.2	8.1	8.1	22.4	22.4	80.3	80.4	5.5	5.5	19.6	19.6	5	5	83	83	83	83	<0.2	<0.2	2.4	2.4					
						6.8	0.3	68	28.2	8.1	8.1	22.5	22.4	80.5	80.4	5.5	5.5	19.7	19.7	5	5	83	83	83	83	<0.2	<0.2	2.7	2.7					
IM12	Cloudy	Moderate	13:26	8.8	Surface	1.0	0.4	92	28.3	8.0	8.0	18.9	18.9	89.9	91.0	6.3	6.3	12.3	12.2	5	5	79	79	81	821452	812048	<0.2	<0.2	2.3	2.4				
						1.0	0.4	98	28.3	8.0	8.0	18.9	18.9	92.0	91.0	6.5	6.5	12.2	12.2	5	5	79	79	81	81	<0.2	<0.2	2.6	2.6					
					Middle	4.4	0.4	77	28.2	8.1	8.1	21.7	21.7	76.2	76.2	5.3	5.3	14.2	14.4	5	5	81	81	81	81	<0.2	<0.2	2.0	2.0					
						4.4	0.4	84	28.2	8.1	8.1	21.6	21.7	76.2	76.2	5.3	5.3	14.4	14.4	4	4	81	81	81	81	<0.2	<0.2	2.0	2.0					
					Bottom	7.8	0.4	65	28.1	8.1	8.1	22.9	22.9	73.2	73.2	5.0	5.0	16.4	16.3	6	6	83	83	83	83	<0.2	<0.2	2.6	2.6					
						7.8	0.4	69	28.1	8.1	8.1	22.9	22.9	73.2	73.2	5.0	5.0	16.3	16.3	6	6	83	83	83	83	<0.2	<0.2	2.6	2.6					
SR2	Cloudy	Moderate	12:44	4.8	Surface	1.0	0.4	90	28.2	8.1	8.1	19.0	19.0	83.2	82.2	5.8	5.7	9.0	10.3	3	3	79	79	80	821451	814169	<0.2	<0.2	2.2	2.4				
						1.0	0.4	95	28.2	8.1	8.1	19.0	19.0	81.1	81.1	5.7	5.7	10.3	10.3	3	3	79	79	80	80	<0.2	<0.2	2.4	2.4					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					Bottom	3.8	0.3	63	28.2	8.1	8.1	21.4	21.5	77.4	77.4	5.4	5.4	18.6	19.0	6	6	81	81	81	81	<0.2	<0.2	2.0	1.9					
						3.8	0.3	68	28.2	8.1	8.1	21.6	21.5	77.4	77.4	5.4	5.4	19.0	19.0	4	4	81	81	81	81	<0.2	<0.2	1.9	1.9					
SR3	Cloudy	Moderate	14:06	9.7	Surface	1.0	0.7	162	28.6	8.0	8.0	17.8	17.8	78.8	78.6	5.5	5.5	9.4	10.0	4	4	-	-	-	-	-	-	-	-	-				
						1.0	0.7	170	28.7	8.0	8.0	17.8	17.8	78.4	78.6	5.5	5.5	10.0	10.0	5	5	-	-	-	-	-	-	-	-	-	-	-		
					Middle	4.9	0.2	144	28.3	8.1	8.1	21.3	21.5	75.5	75.4	5.2	5.2	13.8	13.6	4	4	-	-	-	-	-	-	-	-	-	-	-	-	
						4.9	0.3	157	28.2	8.1	8.1	21.6	21.6	75.2	75.2	5.2	5.2	13.6	13.6	5	5	-	-	-	-	-	-	-	-	-	-	-	-	
					Bottom	8.7	0.2	205	28.2	8.1	8.1	23.6	23.6	75.3	75.4	5.2	5.2	16.4	16.0	7	6	-	-	-	-	-	-	-	-	-	-	-	-	
						8.7	0.2	210	28.2	8.1	8.1	23.6	23.6	75.4	75.4	5.2	5.2	16.0	16.0	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
SR4A	Cloudy	Calm	13:16	9.5	Surface	1.0	0.1	69	28.3	7.9	7.9	23.2	23.2	73.1	73.1	5.0	5.0	3.1	3.1	6	6	-	-	-	-	-	-	-	-					
						1.0	0.1	71	28.3	7.9	7.9	23.2	23.2	73.1	73.1	5.0	5.0	3.1	3.1	6	6	-	-	-	-	-	-	-	-	-				
					Middle	4.8	0.3	75	28.0	7.9	7.9	27.6	27.6	67.3	67.3	4.5	4.5	13.5	14.0	6	6	-	-	-	-	-	-	-	-	-	-	-		
						4.8	0.3	75	28.0	7.9	7.9	27.6	27.6	67.3	67.3	4.5	4.5	14.0	14.0	6	6	-	-	-	-	-	-	-	-	-	-	-		
					Bottom	8.5	0.2	59	28.0	7.9	7.9	27.7	27.7	68.9	69.0	4.6	4.6	14.9	14.6	6	5	-	-	-	-	-	-	-	-	-	-	-		
						8.5	0.2	64	28.0	7.9	7.9	27.7	27.7	69.0	69.0	4.6	4.6	14.6	14.6	5	5	-	-	-	-	-	-	-	-	-	-			
SR5A	Cloudy	Calm	12:59	5.0	Surface	1.0	0.1	13	28.2	7.8	7.8	19.2	19.1	74.0	74.1	5.2	5.2	4.7	4.7	5	4	-	-	-	-	-	-	-						
						1.0	0.1	13	28.2	7.8	7.8	19.1	19.1	74.1	74.1	5.2	5.2	4.7	4.7	4	4	-	-	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Bottom	4.0	0.1	34	28.0	7.9	7.9	23.1	23.1	71.1	71.2	4.9	4.9	8.3	8.5	6	5	-	-	-	-	-	-	-	-	-				
						4.0	0.1	35	28.0	7.9	7.9	23.2	23.1	71.3	71.2	4.9	4.9	8.5	8.5	5	5	-	-	-	-	-	-	-	-					
SR6	Cloudy	Calm	12:34	5.1	Surface	1.0	0.2	75	28.1	7.8	7.8	18.8	18.9	77.6	77.6	5.5	5.5	4.0	4.2	4	5	-	-	-	-	-	-							
						1.0	0.2	77	28.1	7.8	7.8	18.9	18.9	77.5	77.6	5.5	5.5	4.2	4.2															

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

Water Quality Monitoring

Water Quality Monitoring Results on 14 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA			
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA	Value
C1	Cloudy	Moderate	19:42	8.0	Surface	1.0	0.3	51	28.3	28.3	7.9	7.9	20.6	20.6	71.7	71.7	5.0	5.0	10.9	14.1	14	14	79	81	81	815648	804221	<0.2	<0.2	2.2	2.4				
						1.0	0.3	51	28.3	28.3	7.9	7.9	20.6	20.6	71.7	71.7	5.0	5.0	11.0	14.1	14	14	79	81	81	81	815648	804221	<0.2	<0.2	2.1	2.4			
						4.0	0.4	39	28.3	28.3	7.9	7.9	22.6	22.6	73.2	73.2	5.0	5.0	12.6	14.1	14	14	81	81	81	81	815648	804221	<0.2	<0.2	2.2	2.4			
					Middle	4.0	0.4	40	28.3	28.3	7.9	7.9	22.6	22.6	73.2	73.2	5.0	5.0	12.7	14.1	13	13	82	82	82	82	815648	804221	<0.2	<0.2	2.3	2.4			
						7.0	0.4	47	28.2	28.2	7.9	7.9	24.5	24.5	74.0	74.0	5.0	5.0	18.6	14.1	13	13	83	83	83	83	815648	804221	<0.2	<0.2	2.8	2.4			
						7.0	0.4	51	28.2	28.2	7.9	7.9	24.5	24.5	74.2	74.1	5.1	5.1	18.9	14.1	13	13	84	84	84	84	815648	804221	<0.2	<0.2	2.9	2.4			
C2	Cloudy	Moderate	18:38	12.7	Surface	1.0	0.6	194	28.4	28.4	7.8	7.8	14.7	14.7	64.2	64.2	4.6	4.6	16.8	21.1	9	9	80	81	82	825688	806971	<0.2	<0.2	3.2	3.6				
						1.0	0.7	211	28.4	28.4	7.8	7.8	14.7	14.7	64.2	64.2	4.6	4.6	16.9	21.1	8	8	79	81	81	825688	806971	<0.2	<0.2	3.2	3.6				
						6.4	0.2	211	28.3	28.3	8.0	8.0	21.4	21.4	69.8	69.8	4.8	4.8	21.7	21.1	9	9	81	81	81	825688	806971	<0.2	<0.2	3.8	3.6				
					Middle	6.4	0.2	225	28.3	28.3	8.0	8.0	21.4	21.4	69.8	69.8	4.8	4.8	21.7	21.1	7	7	82	82	82	82	825688	806971	<0.2	<0.2	3.9	3.6			
						11.7	0.2	290	28.3	28.3	8.0	8.0	22.0	22.0	70.5	70.6	4.9	4.9	24.5	21.1	11	11	83	83	83	83	825688	806971	<0.2	<0.2	3.7	3.6			
						11.7	0.2	298	28.3	28.3	8.0	8.0	22.0	22.0	70.6	70.6	4.9	4.9	24.7	21.1	12	12	84	84	84	84	825688	806971	<0.2	<0.2	3.8	3.6			
C3	Cloudy	Moderate	20:12	12.4	Surface	1.0	0.2	221	28.3	28.3	8.1	8.1	22.7	22.7	76.5	76.5	5.3	5.3	11.0	17.6	6	6	79	81	81	822101	817812	<0.2	<0.2	2.0	2.0				
						1.0	0.3	242	28.3	28.3	8.1	8.1	22.7	22.7	76.5	76.5	5.3	5.3	11.0	17.6	5	5	79	81	81	822101	817812	<0.2	<0.2	1.9	2.0				
						6.2	0.2	243	28.2	28.2	8.1	8.1	26.0	26.0	76.4	76.5	5.2	5.2	14.1	17.6	6	6	81	81	81	822101	817812	<0.2	<0.2	1.9	2.0				
					Middle	6.2	0.3	249	28.2	28.2	8.1	8.1	26.0	26.0	76.5	76.5	5.2	5.2	14.2	17.6	5	5	81	81	81	81	822101	817812	<0.2	<0.2	2.1	2.0			
						11.4	0.4	280	28.2	28.2	8.1	8.1	26.5	26.5	76.6	76.6	5.2	5.2	27.6	17.6	5	5	83	83	83	83	822101	817812	<0.2	<0.2	2.0	2.0			
						11.4	0.4	284	28.2	28.2	8.1	8.1	26.5	26.5	76.6	76.6	5.2	5.2	27.9	17.6	7	7	83	83	83	83	822101	817812	<0.2	<0.2	1.9	2.0			
IM1	Cloudy	Moderate	19:22	4.7	Surface	1.0	0.3	15	28.3	28.3	7.9	7.9	22.1	22.1	73.8	73.9	5.1	5.1	13.6	15.1	12	13	80	79	81	817937	807158	<0.2	<0.2	2.4	2.7				
						1.0	0.3	15	28.3	28.3	7.9	7.9	22.2	22.1	73.9	73.9	5.1	5.1	13.9	15.1	13	13	79	79	81	817937	807158	<0.2	<0.2	3.0	2.7				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						3.7	0.4	13	28.3	28.3	7.9	7.9	22.4	22.4	74.8	74.9	5.2	5.2	16.4	15.1	14	14	81	13	81	81	81	817937	807158	<0.2	<0.2	2.5	2.7		
						3.7	0.4	13	28.3	28.3	7.9	7.9	22.4	22.4	75.0	74.9	5.2	5.2	16.3	15.1	13	13	82	13	82	82	81	817937	807158	<0.2	<0.2	2.8	2.7		
IM2	Cloudy	Moderate	19:15	6.9	Surface	1.0	0.2	98	28.4	28.4	7.9	7.9	19.0	19.0	72.1	72.1	5.0	5.0	10.5	11.8	13	14	79	79	81	818146	806136	<0.2	<0.2	2.7	2.8				
						1.0	0.2	106	28.4	28.4	7.9	7.9	19.0	19.0	72.1	72.1	5.1	5.1	10.6	11.8	14	14	79	81	81	818146	806136	<0.2	<0.2	2.9	2.8				
						3.5	0.2	13	28.3	28.3	7.9	7.9	21.0	21.0	73.5	73.6	5.1	5.1	11.5	11.8	13	13	81	81	81	818146	806136	<0.2	<0.2	2.7	2.8				
					Middle	3.5	0.2	13	28.3	28.3	7.9	7.9	21.0	21.0	73.6	73.6	5.1	5.1	11.7	11.8	14	14	82	14	82	82	818146	806136	<0.2	<0.2	2.9	2.8			
						5.9	0.3	341	28.3	28.3	7.9	7.9	22.1	22.1	75.3	75.4	5.2	5.2	13.6	11.8	13	13	83	13	83	83	818146	806136	<0.2	<0.2	2.5	2.8			
						5.9	0.3	314	28.3	28.3	7.9	7.9	22.1	22.1	75.5	75.4	5.2	5.2	13.2	11.8	14	14	83	14	83	83	818146	806136	<0.2	<0.2	2.8	2.8			
IM3	Cloudy	Moderate	19:08	7.0	Surface	1.0	0.2	6	28.4	28.4	7.9	7.9	18.0	18.0	70.5	70.5	5.0	5.0	11.2	13.0	9	9	77	77	79	818756	805565	<0.2	<0.2	3.1	3.1				
						1.0	0.2	6	28.4	28.4	7.9	7.9	18.0	18.0	70.5	70.5	5.0	5.0	11.3	13.0	9	9	77	79	79	818756	805565	<0.2	<0.2	2.9	3.1				
						3.5	0.3	3	28.4	28.4	7.9	7.9	20.1	20.1	70.9	71.0	4.9	4.9	11.9	13.0	7	7	79	79	79	818756	805565	<0.2	<0.2	3.1	3.1				
					Middle	3.5	0.3	3	28.4	28.4	7.9	7.9	20.1	20.1	71.0	71.0	4.9	4.9	12.1	13.0	8	8	79	79	79	79	818756	805565	<0.2	<0.2	3.1	3.1			
						6.0	0.5	13	28.3	28.3	7.9	7.9	20.7	20.7	72.8	72.9	5.1	5.1	15.6	13.0	10	10	81	10	81	81	818756	805565	<0.2	<0.2	3.2	3.1			
						6.0	0.5	13	28.3	28.3	7.9	7.9	20.8	20.7	73.0	73.0	5.1	5.1	16.0	13.0	9	9	81	9	81	81	818756	805565	<0.2	<0.2	3.0	3.1			
IM4	Cloudy	Moderate	18:58	6.7	Surface	1.0	0.4	333	28.4	28.4	7.7	7.7	17.6	17.6	69.6	69.6	4.9	4.9	11.1	11.7	12	13	78	79	81	819735	804587	<0.2	<0.2	2.5	2.8				
						1.0	0.4	334	28.4	28.4	7.7	7.7	17.7	17.6	69.6	69.6	4.9	4.9	11.3	11.7	13	13	79	79	81	819735	804587	<0.2	<0.2	2.1	2.8				
						3.4	0.4	337	28.4	28.4	7.7	7.7	17.9	17.9	70.4	70.5	5.0	5.0	12.5	11.7	13	13	81	13	81	819735	804587	<0.2	<0.2	3.1	2.8				
					Middle	3.4	0.4	350	28.4	28.4	7.7	7.7	17.9	17.9	70.5	70.5	5.0	5.0	12.5	11.7	14	14	81	14	81	81	819735	804587	<0.2	<0.2	3.0	2.8			
						5.7	0.3	5	28.3	28.3	7.7	7.7	18.3	18.3	72.7	73.0	5.1	5.1	11.3	11.7	14	14	83	14	83	83	819735	804587	<0.2	<0.2	3.0	2.8			
						5.7	0.3	5	28.2	28.3	7.7	7.7	18.3	18.3	73.2	73.0	5.2	5.2	11.6	11.7	13	13	83	13	83	83	819735	804587	<0.2	<0.2	3.0	2.8			
IM5	Cloudy	Moderate	18:50	6.2	Surface	1.0	0.5	302	28.3	28.3	7.7	7.7	16.4	16.4	67.3	67.4	4.8	4.8	11.7	11.5	15	14	76	76	80	820727	804850	<0.2	<0.2	3.2	3.1				
						1.0	0																												

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

Water Quality Monitoring

Water Quality Monitoring Results on 14 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA		
IM9	Cloudy	Moderate	19:06	7.9	Surface	1.0	0.2	199	28.5	28.5	7.8	7.8	14.9	14.9	70.3	70.4	5.0	5.1	13.9	17.8	7	8	80	82	822082	808783	<0.2	<0.2	3.4	3.6				
						1.0	0.2	218	28.5	7.8	7.8	14.9	14.9	70.4	70.4	5.0	5.1	14.1	17.8	7	8	79	82	80	82	<0.2	<0.2	3.4	3.6					
					Middle	4.0	0.1	202	28.5	28.5	7.8	7.8	15.8	15.8	71.7	71.7	5.1	5.1	18.7	20.1	7	9	81	81	80	82	822082	808783	<0.2	<0.2	3.6	3.6		
						4.0	0.1	214	28.5	28.5	7.8	7.8	15.8	15.8	71.7	71.7	5.1	5.1	18.8	20.1	8	9	82	81	80	82	<0.2	<0.2	3.6	3.6				
					Bottom	6.9	0.1	309	28.5	28.5	7.9	7.9	16.1	16.0	72.1	72.1	5.1	5.1	20.6	25.1	8	10	84	84	80	84	822082	808783	<0.2	<0.2	3.6	3.7		
						6.9	0.1	332	28.5	28.5	7.9	7.9	16.0	16.0	72.1	72.1	5.1	5.1	20.8	25.1	9	10	84	84	80	84	<0.2	<0.2	3.7	3.7				
IM10	Cloudy	Moderate	19:13	8.1	Surface	1.0	0.2	255	28.5	28.5	7.8	7.8	16.0	16.0	72.7	72.8	5.2	5.2	13.7	20.8	7	9	80	82	822414	809792	<0.2	<0.2	3.1	3.1				
						1.0	0.2	275	28.5	28.5	7.8	7.8	16.0	16.0	72.8	72.8	5.2	5.2	13.9	20.8	7	9	79	82	80	82	<0.2	<0.2	3.1	3.1				
					Middle	4.1	0.1	303	28.5	28.5	7.9	7.9	17.2	17.2	71.9	71.9	5.1	5.1	22.3	25.1	9	10	82	81	80	81	822414	809792	<0.2	<0.2	3.0	3.0		
						4.1	0.2	321	28.5	28.5	7.9	7.9	17.2	17.2	71.9	71.9	5.1	5.1	22.4	25.1	10	10	81	84	80	84	<0.2	<0.2	2.6	3.2				
					Bottom	7.1	0.1	297	28.5	28.5	7.9	7.9	17.4	17.4	72.3	72.3	5.1	5.1	26.3	27.5	8	10	84	84	80	84	822414	809792	<0.2	<0.2	3.2	3.2		
						7.1	0.1	322	28.5	28.5	7.9	7.9	17.4	17.4	72.4	72.4	5.1	5.1	26.4	27.5	10	10	84	84	80	84	<0.2	<0.2	3.1	3.1				
IM11	Cloudy	Moderate	19:24	8.2	Surface	1.0	0.3	342	28.5	28.5	8.0	8.0	18.4	18.4	76.7	76.7	5.4	5.2	13.5	20.1	8	10	80	82	822086	811473	<0.2	<0.2	2.7	2.4				
						1.0	0.3	315	28.5	28.5	8.0	8.0	18.4	18.4	76.6	76.7	5.4	5.2	13.8	20.1	9	10	79	82	80	82	<0.2	<0.2	2.4	2.7				
					Middle	4.1	0.3	320	28.4	28.4	8.0	8.0	21.1	21.1	72.4	72.5	5.0	5.0	21.4	25.1	11	10	82	81	80	81	822086	811473	<0.2	<0.2	1.9	2.0		
						4.1	0.3	324	28.4	28.4	8.0	8.0	21.0	21.1	72.5	72.5	5.0	5.0	21.4	25.1	11	10	81	84	80	84	<0.2	<0.2	2.0	2.6				
					Bottom	7.2	0.2	211	28.3	28.3	8.0	8.0	23.3	23.3	71.6	71.6	4.9	4.9	25.2	25.1	9	10	84	84	80	84	822086	811473	<0.2	<0.2	2.6	2.7		
						7.2	0.2	221	28.3	28.3	8.0	8.0	23.3	23.3	71.6	71.6	4.9	4.9	25.1	25.1	10	10	84	84	80	84	<0.2	<0.2	2.7	2.7				
IM12	Cloudy	Moderate	19:33	8.5	Surface	1.0	0.3	306	28.4	28.4	8.0	8.0	18.2	18.2	79.7	79.7	5.6	5.6	11.0	17.3	8	7	80	82	821481	812050	<0.2	<0.2	2.7	2.8				
						1.0	0.3	309	28.4	28.4	8.0	8.0	18.2	18.2	79.7	79.7	5.6	5.6	11.0	17.3	7	7	79	82	80	82	<0.2	<0.2	2.8	2.8				
					Middle	4.3	0.4	252	28.4	28.4	8.0	8.0	20.1	20.1	79.9	79.9	5.6	5.6	13.2	17.3	6	7	82	82	80	82	821481	812050	<0.2	<0.2	2.2	2.2		
						4.3	0.4	262	28.4	28.4	8.0	8.0	20.2	20.1	79.9	79.9	5.6	5.6	13.3	17.3	6	7	82	82	80	82	<0.2	<0.2	2.2	2.2				
					Bottom	7.5	0.2	227	28.3	28.3	8.0	8.0	21.1	21.1	78.5	78.6	5.4	5.4	27.5	27.5	6	7	84	84	80	84	821481	812050	<0.2	<0.2	1.6	1.6		
						7.5	0.2	237	28.3	28.3	8.0	8.0	21.1	21.1	78.6	78.6	5.4	5.4	27.5	27.5	8	7	84	84	80	84	<0.2	<0.2	1.6	1.6				
SR2	Cloudy	Moderate	19:51	5.3	Surface	1.0	0.1	152	28.3	28.3	8.0	8.0	20.9	20.9	76.2	76.2	5.3	5.3	11.2	19.7	6	7	79	81	821489	814136	<0.2	<0.2	1.6	2.1				
						1.0	0.2	152	28.3	28.3	8.0	8.0	20.9	20.9	76.1	76.2	5.3	5.3	11.3	19.7	6	7	79	81	821489	814136	<0.2	<0.2	1.6	2.1				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					Bottom	4.3	0.1	304	28.3	28.2	8.1	8.1	24.1	23.1	78.1	79.0	5.3	5.4	28.1	28.3	7	7	82	82	80	82	821489	814136	<0.2	<0.2	1.9	1.9		
						4.3	0.1	330	28.2	28.2	8.1	8.1	22.0	23.1	79.8	79.0	5.5	5.4	28.3	28.3	7	7	82	82	80	82	<0.2	<0.2	1.9	1.9				
SR3	Cloudy	Moderate	18:53	9.1	Surface	1.0	0.4	163	28.4	28.4	7.8	7.8	15.0	15.1	65.1	65.3	4.7	4.8	12.9	16.1	8	8	-	-	822174	807590	-	-	-	-				
						1.0	0.5	175	28.4	28.4	7.8	7.8	15.2	15.1	65.5	65.3	4.7	4.7	13.1	16.1	9	8	-	-	-	-	822174	807590	-	-	-	-		
					Middle	4.6	0.2	216	28.3	28.3	7.9	7.9	17.6	17.6	67.3	67.3	4.8	4.8	15.4	16.1	9	8	-	-	-	-	822174	807590	-	-	-	-		
						4.6	0.3	227	28.3	28.3	7.9	7.9	17.6	17.6	67.3	67.3	4.8	4.8	15.4	16.1	8	8	-	-	-	-	822174	807590	-	-	-	-		
					Bottom	8.1	0.2	233	28.4	28.4	7.9	7.9	18.2	18.2	69.6	69.7	4.9	4.9	19.7	20.3	8	8	-	-	-	-	822174	807590	-	-	-	-		
						8.1	0.2	254	28.4	28.4	7.9	7.9	18.2	18.2	69.7	69.7	4.9	4.9	20.3	20.3	7	8	-	-	-	-	822174	807590	-	-	-	-		
SR4A	Cloudy	Calm	20:02	8.9	Surface	1.0	0.0	311	28.3	28.3	7.9	7.9	21.2	21.2	73.4	73.4	5.1	5.1	10.5	11.7	10	12	-	-	817167	807819	-	-	-	-				
						1.0	0.0	311	28.3	28.3	7.9	7.9	21.2	21.2	73.3	73.3	5.1	5.1	10.6	11.7	11	12	-	-	-	-	817167	807819	-	-	-	-		
					Middle	4.5	0.1	224	28.3	28.3	7.8	7.8	21.2	21.2	73.3	73.3	5.1	5.1	11.4	11.7	11	12	-	-	-	-	817167	807819	-	-	-	-		
						4.5	0.1	228	28.3	28.3	7.8	7.8	21.2	21.2	73.3	73.3	5.1	5.1	11.6	11.7	11	12	-	-	-	-	817167	807819	-	-	-	-		
					Bottom	7.9	0.0	238	28.3	28.3	7.8	7.8	21.3	21.3	75.7	76.0	5.2	5.3	12.9	13.0	13	12	-	-	-	-	817167	807819	-	-	-	-		
						7.9	0.0	261	28.3	28.3	7.8	7.8	21.3	21.3	76.2	76.0	5.3	5.3	13.0	13.0	14	12	-	-	-	-	817167	807819	-	-	-	-		
SR5A	Cloudy	Calm	20:20	5.2	Surface	1.0	0.3	314	28.3	28.3	7.9	7.9	20.1	20.1	77.0	77.0	5.4	5.4	7.3	7.7	8	9	-	-	816604	810682	-	-	-	-				
						1.0	0.3	333	28.3	28.3	7.9	7.9	20.1	20.1	76.9	77.0	5.4	5.4	7.4	7.7	8	9	-	-	-	-	816604	810682	-	-	-	-		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
					Bottom	4.2	0.1																											

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

Water Quality Monitoring

Water Quality Monitoring Results on 16 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA				
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA				
C1	Fine	Moderate	14:06	9.1	Surface	1.0	0.8	235	28.5	28.5	8.1	8.1	23.3	23.3	81.6	81.6	5.6	5.6	12.2	7	82	82	<0.2	1.8	815621	804238	<0.2	1.9	1.8					
						1.0	0.8	236	28.5	8.1	8.1	23.4	23.3	81.6	81.6	5.6	5.6	12.2	8	81	81	<0.2	1.8											
						4.6	0.7	226	28.5	8.1	8.1	23.7	23.6	79.6	79.6	5.4	5.4	16.2	7	83	83	<0.2	2.1											
					4.6	0.8	245	28.5	8.1	8.1	23.6	23.6	79.6	79.6	5.4	5.4	16.2	6	84	84	<0.2	1.9												
					8.1	0.0	211	28.2	8.1	8.1	25.0	25.0	75.5	75.5	5.1	5.1	22.9	8	85	85	<0.2	2.0												
					8.1	0.0	231	28.2	8.1	8.1	25.0	25.0	75.6	75.6	5.1	5.1	22.6	8	85	85	<0.2	1.9												
C2	Fine	Moderate	13:12	11.8	Surface	1.0	0.2	175	28.6	28.6	8.0	8.0	20.9	20.9	78.6	78.6	5.4	5.4	10.0	7	81	81	<0.2	2.6	825689	806973	<0.2	2.8	2.8					
						1.0	0.2	180	28.6	8.0	8.0	20.9	20.9	78.6	78.6	5.4	5.4	10.1	6	81	81	<0.2	3.3											
						5.9	0.4	160	28.3	8.1	8.1	23.2	23.2	74.3	74.3	5.1	5.1	16.5	7	83	83	<0.2	2.9											
					5.9	0.5	165	28.3	8.1	8.1	23.2	23.2	74.2	74.2	5.1	5.1	16.5	7	83	83	<0.2	2.7												
					10.8	0.3	147	28.2	8.1	8.1	25.7	25.7	74.3	74.3	5.0	5.0	16.3	8	85	85	<0.2	2.5												
					10.8	0.3	161	28.2	8.1	8.1	25.7	25.7	74.3	74.3	5.0	5.0	16.3	9	85	85	<0.2	2.6												
C3	Fine	Moderate	14:49	11.8	Surface	1.0	0.4	69	28.5	28.5	8.1	8.1	24.6	24.6	81.9	81.9	5.5	5.5	10.7	3	81	81	<0.2	2.0	822093	817773	<0.2	1.8	1.8					
						1.0	0.5	72	28.5	8.1	8.1	24.6	24.6	81.8	81.8	5.5	5.5	10.7	4	81	81	<0.2	2.1											
						5.9	0.4	80	28.4	8.1	8.1	25.4	25.4	79.2	79.2	5.4	5.4	14.4	12	84	84	<0.2	2.0											
					5.9	0.4	86	28.4	8.1	8.1	25.4	25.4	79.1	79.1	5.3	5.3	14.4	13	84	84	<0.2	2.1												
					10.8	0.4	54	28.1	8.1	8.1	26.6	26.6	78.1	78.1	5.3	5.3	20.0	18	86	86	<0.2	1.3												
					10.8	0.4	54	28.1	8.1	8.1	26.6	26.6	78.2	78.2	5.3	5.3	20.2	19	85	85	<0.2	1.2												
IM1	Fine	Moderate	13:48	5.4	Surface	1.0	0.1	199	28.6	28.6	8.1	8.1	23.1	23.1	83.3	83.3	5.7	5.7	10.8	4	82	82	<0.2	1.8	817941	807161	<0.2	1.9	1.9					
						1.0	0.1	203	28.6	8.1	8.1	23.1	23.1	83.2	83.2	5.7	5.7	10.9	5	81	81	<0.2	2.0											
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-
					4.4	0.1	152	28.4	8.1	8.1	24.8	24.8	79.8	79.8	5.4	5.4	16.6	4	83	83	<0.2	1.8												
					4.4	0.1	155	28.4	8.1	8.1	24.8	24.8	79.8	79.8	5.4	5.4	16.7	5	84	84	<0.2	2.0												
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-
IM2	Fine	Moderate	13:43	7.8	Surface	1.0	0.8	186	28.6	28.6	8.1	8.1	23.3	23.3	84.2	84.2	5.7	5.7	10.7	6	81	81	<0.2	1.9	818144	806171	<0.2	1.8	1.8					
						1.0	0.9	196	28.6	8.1	8.1	23.3	23.3	84.2	84.2	5.7	5.7	10.7	5	81	81	<0.2	1.8											
						3.9	0.8	172	28.5	8.1	8.1	23.5	23.5	82.2	82.2	5.6	5.6	13.3	5	83	83	<0.2	2.0											
					3.9	0.8	173	28.5	8.1	8.1	23.5	23.5	82.2	82.2	5.6	5.6	13.4	4	84	84	<0.2	1.7												
					6.8	0.6	149	28.3	8.1	8.1	25.0	25.0	81.3	81.3	5.5	5.5	20.9	6	85	85	<0.2	1.8												
					6.8	0.6	153	28.3	8.1	8.1	25.0	25.0	81.3	81.3	5.5	5.5	20.7	8	85	85	<0.2	1.7												
IM3	Fine	Moderate	13:37	8.1	Surface	1.0	0.8	234	28.6	28.6	8.1	8.1	22.8	22.8	81.6	81.6	5.6	5.6	11.9	4	81	81	<0.2	1.8	818799	805577	<0.2	1.9	1.9					
						1.0	0.8	249	28.6	8.1	8.1	22.8	22.8	81.6	81.6	5.6	5.6	11.9	5	81	81	<0.2	2.0											
						4.1	0.7	218	28.5	8.1	8.1	23.6	23.6	81.0	81.0	5.5	5.5	13.7	4	84	84	<0.2	1.9											
					4.1	0.8	233	28.5	8.1	8.1	23.6	23.6	81.0	81.0	5.5	5.5	13.8	5	84	84	<0.2	1.8												
					7.1	0.6	202	28.2	8.2	8.2	26.1	26.1	80.7	80.7	5.4	5.4	22.7	5	85	85	<0.2	2.0												
					7.1	0.6	206	28.2	8.2	8.2	26.1	26.1	80.7	80.7	5.4	5.4	23.0	7	84	84	<0.2	2.1												
IM4	Fine	Moderate	13:30	8.4	Surface	1.0	1.2	221	28.7	28.7	8.1	8.1	22.5	22.5	83.8	83.7	5.7	5.7	10.1	3	81	81	<0.2	2.4	819736	804631	<0.2	2.5	2.5					
						1.0	1.2	242	28.7	8.1	8.1	22.5	22.5	83.6	83.6	5.7	5.7	10.2	3	82	82	<0.2	2.5											
						4.2	1.1	211	28.4	8.1	8.1	24.2	24.2	81.0	81.0	5.5	5.5	12.8	4	84	84	<0.2	2.4											
					4.2	1.2	229	28.4	8.1	8.1	24.2	24.2	80.9	80.9	5.5	5.5	12.9	3	83	83	<0.2	2.5												
					7.4	0.7	205	28.2	8.2	8.2	27.3	27.3	80.3	80.3	5.4	5.4	24.6	4	85	85	<0.2	2.7												
					7.4	0.7	225	28.2	8.2	8.2	27.3	27.3	80.4	80.4	5.4	5.4	24.7	5	85	85	<0.2	2.4												
IM5	Fine	Moderate	13:20	7.6	Surface	1.0	1.3	212	28.7	28.7	8.1	8.1	22.5	22.5	83.9	83.9	5.7	5.7	10.4	4	79	79	<0.2	2.4	820737	804890	<0.2	2.1	2.1					
						1.0	1.4	232	28.7	8.1	8.1	22.5	22.5	83.8	83.8	5.7	5.7	10.4	5	80	80	<0.2	2.1											
						3.8	1.0	204	28.4	8.1	8.1	24.2	24.2	81.4	81.4	5.5	5.5	12.8	5	81	81	<0.2	2.1											
					3.8	1.0	212	28.4	8.1	8.1	24.2	24.2	81.4	81.4	5.5	5.5	12.9	6	82	82	<0.2	2.0												
					6.6	0.7	201	28.2	8.2	8.2	26.9	26.9	81.7	81.7	5.5	5.5	20.9	6	83	83	<0.2	2.1												
					6.6	0.7	204	28.2	8.2	8.2	27.0	26.9	81.8	81.8	5.5	5.5	21.1	6	84	84	<0.2	2.0												
IM6	Fine	Moderate	13:12	8.0	Surface	1.0	0.8	249	28.7	28.7	8.1	8.1	22.1	22.1	84.9	84.9	5.8	5.8	9.9	5	80	80	<0.2	1.9	821055	805816	<0.2	2.1	2.1					
						1.0	0.8	255	28.7	8.1	8.1	22.1	22.1	84.8	84.8	5.8	5.8	9.9	5	80	80	<0.2	2.0											
						4.0	0.8	216	28.4	8.1	8.1	24.0	24.0	82.5	82.5	5.6	5.6	10.4	5	81	81	<0.2	2.2											
					4.0	0.8	225	28.4	8.1	8.1	24.0	24.0	82.5	82.5	5.6	5.6	10.4	5	82	82	<0.2	1.9												
					7.0	0.6	229	28.3	8.2	8.2	27.3	27.3	82.8	82.8	5.5	5.5	11.3	5	83	83	<0.2	2.2												
					7.0	0.6	244	28.3	8.2	8.2	27.3	27.3	83.0	82.9	5.6	5.6	11.2	5	83	83	<0.2	2.2												
IM7	Fine	Moderate	13:09	9.4	Surface	1.0	1.3	244	28.7	28.7	8.1	8.1	22.1	22.1	84.8	84.8	5.8	5.8	10.0	4	79	79	<0.2	2.1	821365	806829	<0.2	2.2	2.2					
						1.0	1.3	254	28.7	8.1	8.1	22.1	22.1	84.7	84.7	5.8	5.8	10.0	4	80	80	<0.2	2.0											
						4.7	1.0	239	28.4	8.1	8.1	24.2	24.2	83.2	83.2	5.7	5.7	10.2	6	81	81	<0.2	2.0											
					4.7	1.1	261	28.4	8.1	8.1	24.2	24.2	83.3	83.3	5.7	5.7	10.3	6	82	82	<0.2	2.0												
					8.4	0.8	252	28.3	8.2	8.2	27.2	27.2	83.8	83.9	5.6	5.6	10.7	5	83	83	&													

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

Water Quality Monitoring

Water Quality Monitoring Results on 16 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA		
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
IM9	Fine	Moderate	13:41	8.3	Surface	1.0	0.2	183	28.6	28.6	8.1	8.1	22.5	22.5	84.4	84.4	5.8	5.7	10.2	14.5	5	5	82	84	822074	808803	<0.2	2.3	2.3			
						1.0	0.2	194	28.6	28.6	8.1	8.1	22.5	22.5	84.4	84.4	5.8	5.7	10.3	14.5	5	5	82	84	822074	808803	<0.2	2.2				
					Middle	4.2	0.3	128	28.4	28.4	8.2	8.2	24.6	24.6	82.4	82.4	5.6	5.6	12.6	14.5	4	5	84	84	822074	808803	<0.2	2.3				
						4.2	0.4	136	28.4	28.4	8.2	8.2	24.6	24.6	82.4	82.4	5.6	5.6	12.7	14.5	5	5	84	84	822074	808803	<0.2	2.1				
					Bottom	7.3	0.4	83	28.2	28.2	8.2	8.2	27.3	27.3	82.9	83.0	5.6	5.6	20.5	17.3	7	8	86	86	822074	808803	<0.2	2.3				
						7.3	0.4	85	28.2	28.2	8.2	8.2	27.3	27.3	83.0	83.0	5.6	5.6	20.6	17.3	5	8	86	86	822074	808803	<0.2	2.3				
IM10	Fine	Moderate	13:52	8.4	Surface	1.0	0.6	152	28.5	28.5	8.1	8.1	23.1	23.1	81.5	81.5	5.6	5.6	11.8	16.0	7	10	82	84	822398	809809	<0.2	2.2	2.2			
						1.0	0.6	152	28.5	28.5	8.1	8.1	23.1	23.1	81.5	81.5	5.6	5.6	11.8	16.0	10	10	81	84	822398	809809	<0.2	2.2				
					Middle	4.2	0.6	149	28.4	28.4	8.1	8.1	24.0	24.0	81.8	81.8	5.6	5.6	14.0	16.0	10	10	84	84	822398	809809	<0.2	2.1				
						4.2	0.6	155	28.4	28.4	8.1	8.1	24.0	24.0	81.8	81.8	5.6	5.6	14.1	16.0	11	10	84	84	822398	809809	<0.2	2.1				
					Bottom	7.4	0.4	113	28.2	28.2	8.2	8.2	26.3	26.3	83.1	83.1	5.6	5.6	22.1	17.3	10	12	86	86	822398	809809	<0.2	2.0				
						7.4	0.4	122	28.2	28.2	8.2	8.2	26.3	26.3	83.2	83.2	5.6	5.6	22.2	17.3	12	12	86	86	822398	809809	<0.2	2.0				
IM11	Fine	Moderate	14:02	9.1	Surface	1.0	0.6	143	28.6	28.6	8.1	8.1	23.3	23.3	83.9	83.9	5.7	5.7	11.2	17.3	7	8	82	84	822055	811439	<0.2	1.8	1.8			
						1.0	0.6	153	28.6	28.6	8.1	8.1	23.3	23.3	83.9	83.9	5.7	5.7	11.2	17.3	6	8	81	84	822055	811439	<0.2	1.6				
					Middle	4.6	0.6	142	28.4	28.4	8.1	8.1	24.0	24.0	82.1	82.1	5.6	5.6	14.9	17.3	8	8	84	84	822055	811439	<0.2	1.8				
						4.6	0.6	152	28.4	28.4	8.1	8.1	24.0	24.0	82.0	82.1	5.6	5.6	15.0	17.3	10	8	84	84	822055	811439	<0.2	1.8				
					Bottom	8.1	0.4	125	28.3	28.3	8.1	8.1	25.3	25.3	82.8	82.9	5.6	5.6	25.6	17.3	9	8	86	86	822055	811439	<0.2	1.9				
						8.1	0.5	125	28.3	28.3	8.1	8.1	25.3	25.3	82.9	82.9	5.6	5.6	25.7	17.3	9	8	86	86	822055	811439	<0.2	1.9				
IM12	Fine	Moderate	14:10	8.4	Surface	1.0	0.6	134	28.6	28.6	8.1	8.1	23.2	23.2	82.9	82.9	5.7	5.5	12.1	17.1	5	17	81	84	821459	812054	<0.2	2.0	2.1			
						1.0	0.6	144	28.6	28.6	8.1	8.1	23.2	23.2	82.8	82.9	5.6	5.5	12.2	17.1	5	17	82	84	821459	812054	<0.2	2.0				
					Middle	4.2	0.6	127	28.4	28.4	8.2	8.2	25.0	25.0	79.3	79.3	5.4	5.4	16.4	17.1	22	17	84	84	821459	812054	<0.2	2.3				
						4.2	0.7	136	28.4	28.4	8.2	8.2	25.0	25.0	79.3	79.3	5.4	5.4	16.4	17.1	22	17	84	84	821459	812054	<0.2	2.2				
					Bottom	7.4	0.6	121	28.4	28.4	8.2	8.2	25.8	25.8	79.8	79.8	5.4	5.4	23.0	17.3	24	17	86	86	821459	812054	<0.2	2.1				
						7.4	0.6	131	28.4	28.4	8.2	8.2	25.8	25.8	79.8	79.8	5.4	5.4	22.5	17.3	24	17	86	86	821459	812054	<0.2	1.7				
SR2	Fine	Moderate	14:28	5.6	Surface	1.0	0.4	112	28.6	28.6	8.1	8.1	23.3	23.3	81.6	81.6	5.6	5.6	13.8	18.1	9	9	81	84	821477	814149	<0.2	1.6	1.9			
						1.0	0.4	117	28.6	28.6	8.1	8.1	23.3	23.3	81.5	81.5	5.6	5.6	13.9	18.1	9	9	82	84	821477	814149	<0.2	2.0				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	83	81	84	821477		814149	<0.2	1.6
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	83	81	84		821477	814149	<0.2
					Bottom	4.6	0.4	126	28.2	28.2	8.1	8.1	25.0	25.0	75.6	75.7	5.1	5.1	22.4	17.3	8	8	84	84	821477	814149	<0.2	2.0				
						4.6	0.4	130	28.2	28.2	8.1	8.1	25.0	25.0	75.7	75.7	5.1	5.1	22.2	17.3	9	8	84	84	821477	814149	<0.2	1.8				
SR3	Fine	Moderate	13:26	10.0	Surface	1.0	0.3	169	28.7	28.7	8.1	8.1	21.7	21.7	83.1	83.1	5.7	5.6	10.5	12.0	7	8	-	-	822172	807586	-	-	-			
						1.0	0.3	169	28.7	28.7	8.1	8.1	21.7	21.7	83.1	83.1	5.7	5.7	10.5	12.0	7	8	-	-	822172	807586	-	-				
					Middle	5.0	0.1	90	28.4	28.4	8.1	8.1	24.4	24.4	81.0	81.1	5.5	5.5	12.3	12.0	7	8	-	-	-	-	822172	807586		-	-	
						5.0	0.1	93	28.4	28.4	8.1	8.1	24.4	24.4	81.1	81.1	5.5	5.5	12.2	12.0	9	8	-	-	-	-	822172	807586		-	-	
					Bottom	9.0	0.3	52	28.4	28.4	8.2	8.2	26.9	26.9	83.4	83.5	5.6	5.6	13.2	12.0	8	8	-	-	-	-	822172	807586		-	-	
						9.0	0.4	55	28.4	28.4	8.2	8.2	27.0	27.0	83.5	83.5	5.6	5.6	13.3	12.0	9	8	-	-	-	-	822172	807586		-	-	
SR4A	Fine	Calm	14:29	8.6	Surface	1.0	0.2	77	28.5	28.5	8.1	8.1	23.4	23.4	82.3	82.3	5.6	5.6	11.7	16.2	8	8	-	-	817204	807791	-	-	-			
						1.0	0.2	79	28.6	28.6	8.1	8.1	23.4	23.4	82.2	82.3	5.6	5.6	11.7	16.2	8	8	-	-	817204	807791	-	-				
					Middle	4.3	0.2	70	28.5	28.5	8.1	8.1	23.4	23.4	80.1	80.1	5.5	5.5	15.2	16.2	8	8	-	-	-	-	817204	807791		-	-	
						4.3	0.3	74	28.5	28.5	8.1	8.1	23.4	23.4	80.0	80.1	5.5	5.5	15.4	16.2	9	8	-	-	-	-	817204	807791		-	-	
					Bottom	7.6	0.2	48	28.2	28.2	8.1	8.1	24.9	24.9	77.8	77.9	5.3	5.3	21.7	16.2	8	8	-	-	-	-	817204	807791		-	-	
						7.6	0.2	52	28.2	28.2	8.1	8.1	24.9	24.9	78.0	78.0	5.3	5.3	21.2	16.2	7	8	-	-	-	-	817204	807791		-	-	
SR5A	Fine	Calm	14:45	5.0	Surface	1.0	0.1	29	28.5	28.5	8.1	8.1	24.8	24.8	82.3	82.3	5.6	5.6	10.3	10.4	6	7	-	-	816565	810720	-	-	-			
						1.0	0.1	31	28.5	28.5	8.1	8.1	24.8	24.8	82.3	82.3	5.6	5.6	10.3	10.4	6	7	-	-	816565	810720	-	-				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	816565		810720	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	816565		810720	-	-
					Bottom	4.0	0.1	47	28.5	28.5	8.1	8.1	24.7	24.7	82.2	82.3	5.6	5.6	10.4	10.4	8	7	-	-	-	-	816565	810720		-	-	
						4.0	0.1	47	28.5	28.5	8.1	8.1	24.7	24.7	82.3	82.3	5.6	5.6	10.4	10.4	6	7	-	-	-	-	816565	810720		-	-	
SR6	Fine	Calm	15:08	4.3	Surface	1.0	0.2	81	28.5	28.5	8.1	8.1	24.8	24.8	82.0	82.1	5.6	5.6	10.3	10.4	6	6	-	-	817875	814681	-	-	-			

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

Water Quality Monitoring

Water Quality Monitoring Results on 16 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)					
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA				
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA		
C1	Cloudy	Moderate	07:59	8.8	Surface	1.0	0.4	55	28.2	28.2	8.1	8.1	22.9	22.9	76.7	76.7	5.3	5.2	10.0	12.0	5	6	81	83	815648	804276	<0.2	2.4	2.4	2.4				
						1.0	0.4	57	28.2	28.1	8.1	8.1	22.9	22.9	76.7	76.7	5.3	5.2	10.0	12.0	6	6	82	83	815648	804276	<0.2	2.4	2.4	2.4				
						4.4	0.4	40	28.1	28.1	8.1	8.1	25.4	25.4	75.3	75.3	5.1	5.1	11.0	11.1	4	6	84	83	815648	804276	<0.2	2.4	2.4	2.4				
					Middle	4.4	0.4	40	28.1	28.1	8.1	8.1	25.4	25.4	75.3	75.3	5.1	5.1	11.0	11.1	6	6	83	83	815648	804276	<0.2	2.4	2.4	2.4				
						7.8	0.4	44	28.1	28.1	8.1	8.1	27.7	27.7	74.7	74.7	5.0	5.0	15.0	15.1	6	6	85	84	815648	804276	<0.2	2.4	2.4	2.4				
						7.8	0.4	45	28.1	28.1	8.1	8.1	27.7	27.7	74.7	74.7	5.0	5.0	15.1	15.1	6	6	84	84	815648	804276	<0.2	2.4	2.4	2.4				
C2	Cloudy	Moderate	09:15	13.3	Surface	1.0	0.5	342	28.2	28.2	8.0	8.0	19.4	19.4	74.7	74.7	5.2	5.1	10.1	16.4	4	5	82	84	825658	806942	<0.2	2.7	2.3	2.3				
						1.0	0.5	355	28.2	28.3	8.0	8.0	19.4	19.4	74.8	74.8	5.2	5.0	10.1	17.5	4	5	81	84	825658	806942	<0.2	2.6	2.6	2.6				
						6.7	0.5	1	28.3	28.3	8.0	8.0	22.0	22.0	71.9	71.9	5.0	5.0	17.4	17.4	5	5	84	84	825658	806942	<0.2	2.4	2.4	2.4				
					Middle	6.7	0.5	1	28.3	28.3	8.0	8.0	22.0	22.0	71.9	71.9	5.0	5.0	17.4	17.4	5	5	84	84	825658	806942	<0.2	2.6	2.6	2.6				
						12.3	0.3	33	28.3	28.3	8.1	8.1	22.8	22.8	72.3	72.4	5.0	5.0	21.6	21.6	4	4	86	86	825658	806942	<0.2	1.5	1.5	1.5				
						12.3	0.3	35	28.3	28.3	8.1	8.1	22.8	22.8	72.4	72.4	5.0	5.0	21.7	21.7	5	5	86	86	825658	806942	<0.2	1.7	1.7	1.7				
C3	Cloudy	Moderate	07:33	12.2	Surface	1.0	0.5	272	28.2	28.2	8.1	8.1	22.9	22.9	76.3	76.3	5.3	5.2	9.9	13.1	3	4	81	83	822087	817823	<0.2	1.7	1.6	1.6				
						1.0	0.6	274	28.2	28.1	8.1	8.1	22.9	22.9	76.3	76.3	5.2	5.2	9.9	10.9	5	4	81	83	822087	817823	<0.2	1.6	1.6	1.6				
						6.1	0.8	269	28.1	28.1	8.2	8.2	27.1	27.1	75.2	75.2	5.1	5.1	10.9	10.9	4	4	83	84	822087	817823	<0.2	1.7	1.7	1.7				
					Middle	6.1	0.8	293	28.1	28.1	8.2	8.2	27.1	27.1	75.2	75.2	5.1	5.1	10.9	10.9	4	4	84	84	822087	817823	<0.2	1.6	1.6	1.6				
						11.2	0.6	283	28.1	28.1	8.2	8.2	27.7	27.7	77.6	77.7	5.2	5.2	18.5	18.5	4	4	85	85	822087	817823	<0.2	1.6	1.6	1.6				
						11.2	0.6	303	28.1	28.1	8.2	8.2	27.7	27.7	77.7	77.7	5.2	5.2	18.5	18.5	5	5	85	85	822087	817823	<0.2	1.6	1.6	1.6				
IM1	Cloudy	Moderate	08:15	5.5	Surface	1.0	0.4	23	28.1	28.1	8.1	8.1	22.5	22.5	76.2	76.2	5.3	5.3	14.6	15.1	9	9	81	81	817967	807145	<0.2	2.3	2.4	2.4				
						1.0	0.4	23	28.1	28.1	8.1	8.1	22.5	22.5	76.1	76.1	5.3	5.3	14.7	14.7	9	9	81	81	817967	807145	<0.2	2.4	2.4	2.4				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	817967	807145	<0.2	-	-	-
						4.5	0.3	15	28.1	28.1	8.1	8.1	22.9	22.9	76.1	76.1	5.2	5.2	15.5	15.5	8	9	84	84	817967	807145	<0.2	2.4	2.4	2.4				
						4.5	0.3	16	28.1	28.1	8.1	8.1	22.9	22.9	76.0	76.0	5.2	5.2	15.5	15.5	8	9	84	84	817967	807145	<0.2	2.4	2.5	2.5				
IM2	Cloudy	Moderate	08:22	8.0	Surface	1.0	0.2	109	28.1	28.1	8.1	8.1	22.9	22.9	75.8	75.8	5.2	5.2	18.2	19.6	11	13	81	83	818143	806177	<0.2	2.4	2.4	2.4				
						1.0	0.2	110	28.1	28.1	8.1	8.1	22.9	22.9	75.8	75.8	5.2	5.2	18.3	19.6	13	13	81	83	818143	806177	<0.2	2.4	2.4	2.4				
						4.0	0.2	20	28.1	28.1	8.1	8.1	23.1	23.1	75.4	75.5	5.2	5.2	20.2	20.3	14	14	83	84	818143	806177	<0.2	2.4	2.4	2.4				
					Middle	4.0	0.2	20	28.1	28.1	8.1	8.1	23.1	23.1	75.5	75.5	5.2	5.2	20.3	20.3	12	14	84	85	818143	806177	<0.2	2.3	2.3	2.3				
						7.0	0.2	319	28.2	28.2	8.1	8.1	23.7	23.7	77.9	78.0	5.3	5.3	20.3	20.3	14	14	85	84	818143	806177	<0.2	2.3	2.3	2.3				
						7.0	0.3	347	28.2	28.2	8.1	8.1	23.7	23.7	78.1	78.1	5.3	5.3	20.2	20.2	14	14	84	84	818143	806177	<0.2	2.6	2.6	2.6				
IM3	Cloudy	Moderate	08:29	8.1	Surface	1.0	0.2	9	28.2	28.2	8.1	8.1	22.9	22.9	75.1	75.1	5.2	5.2	15.6	20.2	7	10	81	83	818758	805573	<0.2	2.5	2.4	2.4				
						1.0	0.2	9	28.2	28.1	8.1	8.1	22.9	22.9	75.1	75.1	5.2	5.2	15.7	20.2	7	10	81	84	818758	805573	<0.2	2.4	2.4	2.4				
						4.1	0.4	5	28.1	28.1	8.1	8.1	23.8	23.8	74.8	74.8	5.1	5.1	22.7	22.8	11	11	83	84	818758	805573	<0.2	2.4	2.4	2.4				
					Middle	4.1	0.4	5	28.1	28.1	8.1	8.1	23.8	23.8	74.8	74.8	5.1	5.1	22.8	22.8	10	11	84	85	818758	805573	<0.2	2.3	2.3	2.3				
						7.1	0.4	26	28.2	28.2	8.1	8.1	24.2	24.2	76.0	76.1	5.2	5.2	22.3	22.3	11	11	85	84	818758	805573	<0.2	2.3	2.3	2.3				
						7.1	0.4	26	28.2	28.2	8.1	8.1	24.2	24.2	76.1	76.1	5.2	5.2	22.1	22.1	11	11	84	84	818758	805573	<0.2	2.5	2.5	2.5				
IM4	Cloudy	Moderate	08:36	8.2	Surface	1.0	0.3	312	28.2	28.2	8.1	8.1	23.0	23.0	75.2	75.2	5.2	5.1	18.0	19.6	9	11	81	83	819702	804584	<0.2	2.3	2.4	2.4				
						1.0	0.4	317	28.2	28.2	8.1	8.1	23.0	23.0	75.2	75.2	5.2	5.0	18.1	20.0	9	11	80	83	819702	804584	<0.2	2.5	2.5	2.5				
						4.1	0.3	300	28.2	28.2	8.1	8.1	23.8	23.8	73.5	73.6	5.0	5.0	20.7	20.8	11	11	82	83	819702	804584	<0.2	2.3	2.3	2.3				
					Middle	4.1	0.3	319	28.2	28.2	8.1	8.1	23.8	23.8	73.6	73.6	5.0	5.0	20.8	20.8	11	11	83	83	819702	804584	<0.2	2.4	2.4	2.4				
						7.2	0.3	11	28.2	28.2	8.1	8.1	24.0	24.0	74.1	74.1	5.1	5.1	20.0	20.0	13	13	84	84	819702	804584	<0.2	2.4	2.4	2.4				
						7.2	0.3	11	28.2	28.2	8.1	8.1	24.0	24.0	74.2	74.2	5.1	5.1	19.8	19.8	14	14	84	84	819702	804584	<0.2	2.4	2.4	2.4				
IM5	Cloudy	Moderate	08:43	7.4	Surface	1.0	0.4	334	28.1	28.1	8.0	8.0	20.8	20.8	77.2	77.2	5.4	5.3	11.9	18.7	7	7	81	83	820762	804892	<0.2	2.4	2.3	2.3				
						1.0	0.4	334	28.1	28.1	8.0	8.0	20.8	20.8	77.1	77.2	5.4	5.2	11.9	18.7	7	7	81	84	820762	804892	<0.2	2.5	2.5	2.5				
						3.7	0.4	313	28.1	28.1	8.1	8.1	22.7	22.7	75.8	75.8	5.2	5.2	18.2	18.2	6	7	84	83	820762	804892	<0.2	2.3	2.3	2.3				
					Middle	3.7	0.4	343	28.1	28.1	8.1	8.1	22.7	22.7	75.8	75.8	5.2	5.2	18.3	18.3	7	7	83	83	820762									

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

Water Quality Monitoring

Water Quality Monitoring Results on 16 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
					Value	Average			Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
IM9	Cloudy	Moderate	08:44	8.5	Surface	1.0	0.4	318	28.1	28.1	8.1	8.1	21.1	21.1	77.4	77.4	5.4	5.4	13.2	5.4	11	82	84	84	822123	808814	<0.2	1.9	2.0			
						1.0	0.4	326	28.1	28.1	8.1	8.1	21.1	21.1	77.4	77.4	5.4	5.4	13.2	5.4	11	82	84	84	84	84	<0.2	2.0				
					Middle	4.3	0.4	316	28.1	28.1	8.1	8.1	21.4	21.4	76.7	76.7	5.3	5.3	15.6	5.3	9	84	84	84	84	84	<0.2	2.1				
						4.3	0.4	316	28.1	28.1	8.1	8.1	21.4	21.4	76.6	76.6	5.3	5.3	15.6	5.3	10	84	84	84	84	84	<0.2	2.1				
					Bottom	7.5	0.4	314	28.2	28.2	8.1	8.1	22.2	22.2	76.9	76.9	5.3	5.3	22.7	5.3	10	86	86	86	86	86	<0.2	1.9				
						7.5	0.4	315	28.2	28.2	8.1	8.1	22.2	22.2	77.0	77.0	5.3	5.3	22.9	5.3	10	86	86	86	86	86	<0.2	2.0				
IM10	Cloudy	Moderate	08:36	9.3	Surface	1.0	0.7	290	28.1	28.1	8.0	8.0	20.6	20.6	77.3	77.3	5.4	5.4	13.0	5.4	5	82	84	84	822366	809765	<0.2	1.9	1.9			
						1.0	0.7	291	28.1	28.1	8.0	8.0	20.6	20.6	77.3	77.3	5.4	5.4	13.1	5.4	4	82	84	84	84	84	<0.2	1.8				
					Middle	4.7	0.5	298	28.1	28.1	8.1	8.1	23.2	23.2	75.2	75.2	5.2	5.2	20.1	5.2	6	84	84	84	84	84	<0.2	2.0				
						4.7	0.5	324	28.1	28.1	8.1	8.1	23.1	23.2	75.2	75.2	5.2	5.2	20.4	5.2	5	84	84	84	84	84	<0.2	2.0				
					Bottom	8.3	0.4	302	28.2	28.2	8.1	8.1	23.8	23.8	78.0	78.0	5.3	5.3	27.1	5.3	8	86	86	86	86	86	<0.2	2.0				
						8.3	0.4	305	28.2	28.2	8.1	8.1	23.8	23.8	78.2	78.1	5.4	5.4	26.9	5.4	8	86	86	86	86	86	<0.2	2.0				
IM11	Cloudy	Moderate	08:24	7.8	Surface	1.0	0.6	301	28.1	28.1	8.1	8.1	22.9	22.9	82.8	83.0	5.7	5.7	14.6	5.7	9	82	84	84	822058	811433	<0.2	2.1	2.0			
						1.0	0.6	308	28.1	28.1	8.1	8.1	22.9	22.9	83.1	83.0	5.7	5.7	14.6	5.7	8	82	84	84	84	84	<0.2	1.9				
					Middle	3.9	0.5	302	28.1	28.1	8.1	8.1	23.7	23.7	74.7	74.8	5.1	5.1	19.4	5.1	9	84	84	84	84	84	<0.2	2.0				
						3.9	0.6	329	28.1	28.1	8.1	8.1	23.7	23.7	74.8	74.8	5.1	5.1	19.4	5.1	9	84	84	84	84	84	<0.2	2.1				
					Bottom	6.8	0.4	299	28.2	28.2	8.1	8.1	24.8	24.8	76.4	76.4	5.2	5.2	26.1	5.2	11	87	87	87	87	87	<0.2	1.9				
						6.8	0.4	309	28.2	28.2	8.1	8.1	24.8	24.8	76.4	76.4	5.2	5.2	26.4	5.2	11	86	86	86	86	86	<0.2	1.9				
IM12	Cloudy	Moderate	08:15	9.2	Surface	1.0	0.7	285	28.1	28.1	8.1	8.1	22.4	22.4	76.3	76.3	5.3	5.3	14.3	5.3	4	82	84	84	821442	812054	<0.2	1.9	1.8			
						1.0	0.7	285	28.1	28.1	8.1	8.1	22.4	22.4	76.2	76.3	5.3	5.3	14.4	5.3	4	82	84	84	84	84	<0.2	2.0				
					Middle	4.6	0.6	283	28.1	28.1	8.1	8.1	23.0	23.0	74.7	74.7	5.1	5.1	19.5	5.1	6	84	84	84	84	84	<0.2	1.8				
						4.6	0.7	283	28.1	28.1	8.1	8.1	23.0	23.0	74.7	74.7	5.1	5.1	19.6	5.1	7	84	84	84	84	84	<0.2	1.8				
					Bottom	8.2	0.4	281	28.2	28.2	8.1	8.1	24.3	24.3	73.6	73.7	5.0	5.0	28.6	5.0	9	86	86	86	86	86	<0.2	1.8				
						8.2	0.4	289	28.2	28.2	8.1	8.1	24.3	24.3	73.7	73.7	5.0	5.0	28.8	5.0	8	86	86	86	86	86	<0.2	1.3				
SR2	Cloudy	Moderate	07:56	5.2	Surface	1.0	0.2	44	28.1	28.1	8.1	8.1	23.1	23.1	75.6	75.6	5.2	5.2	14.3	5.2	12	82	84	84	821434	814187	<0.2	1.9	1.8			
						1.0	0.2	44	28.1	28.1	8.1	8.1	23.1	23.1	75.5	75.5	5.2	5.2	14.3	5.2	14	82	84	84	84	84	<0.2	1.6				
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
					Bottom	4.2	0.2	34	28.2	28.2	8.1	8.1	24.2	24.2	75.3	75.4	5.1	5.2	25.1	5.1	15	84	84	84	84	84	<0.2	1.9				
						4.2	0.2	36	28.2	28.2	8.1	8.1	24.2	24.2	75.4	75.4	5.2	5.2	25.1	5.2	16	84	84	84	84	84	<0.2	1.8				
SR3	Cloudy	Moderate	08:57	9.1	Surface	1.0	0.4	158	28.3	28.3	8.0	8.0	19.5	19.5	74.0	74.0	5.2	5.2	10.7	5.2	5	-	-	-	822120	807595	-	-	-			
						1.0	0.5	165	28.3	28.3	8.0	8.0	19.5	19.5	74.0	74.0	5.2	5.2	10.7	5.2	5	-	-	-	-	-	-	-				
					Middle	4.6	0.2	209	28.3	28.3	8.0	8.0	20.8	20.8	72.5	72.6	5.0	5.0	14.9	5.0	4	-	-	-	-	-	-	-		-		
						4.6	0.2	228	28.3	28.3	8.0	8.0	20.8	20.8	72.6	72.6	5.0	5.0	14.9	5.0	6	-	-	-	-	-	-	-		-		
					Bottom	8.1	0.2	221	28.3	28.3	8.1	8.1	22.3	22.3	74.2	74.2	5.1	5.1	25.6	5.1	9	-	-	-	-	-	-	-		-		
						8.1	0.2	238	28.3	28.3	8.1	8.1	22.3	22.3	74.2	74.2	5.1	5.1	25.5	5.1	7	-	-	-	-	-	-	-		-		
SR4A	Cloudy	Calm	07:36	8.5	Surface	1.0	0.0	325	28.2	28.2	8.1	8.1	23.4	23.4	76.3	76.3	5.2	5.2	10.1	5.2	6	-	-	-	817200	807833	-	-	-			
						1.0	0.0	338	28.2	28.2	8.1	8.1	23.4	23.4	76.2	76.2	5.2	5.2	10.1	5.2	6	-	-	-	-	-	-					
					Middle	4.3	0.1	241	28.1	28.1	8.1	8.1	25.8	25.8	75.2	75.2	5.1	5.1	10.1	5.1	6	-	-	-	-	-	-	-				
						4.3	0.1	257	28.1	28.1	8.1	8.1	25.8	25.8	75.2	75.2	5.1	5.1	10.2	5.1	8	-	-	-	-	-	-					
					Bottom	7.5	0.0	215	28.1	28.1	8.2	8.2	27.5	27.5	75.1	75.1	5.0	5.0	11.4	5.0	8	-	-	-	-	-	-	-				
						7.5	0.0	216	28.1	28.1	8.2	8.2	27.5	27.5	75.0	75.0	5.0	5.0	11.4	5.0	7	-	-	-	-	-	-					
SR5A	Cloudy	Calm	07:26	5.2	Surface	1.0	0.3	309	28.0	28.0	8.1	8.1	24.4	24.4	78.6	78.6	5.4	5.4	9.4	5.4	5	-	-	-	816584	810667	-	-	-			
						1.0	0.3	331	28.0	28.0	8.1	8.1	24.5	24.4	78.6	78.6	5.4	5.4	9.4	5.4	5	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
					Bottom	4.2	0.2	275	28.0	28.0	8.1	8.1	25.0	25.0	78.5	78.5	5.3	5.3	14.2	5.3	5	-	-	-	-	-	-					
						4.2	0.2	293	28.0	28.0	8.1	8.1	25.0	25.0	78.5	78.5	5.4	5.4	14.3	5.4	6	-	-	-	-	-						
SR6	Cloudy	Calm	06:55	4.5	Surface	1.0	0.1	253	28.0	28.0	8.1	8.1	24.3	24.3	78.5	78.5	5.4	5.4	13.0	5.4	6	-	-	-	817876	814636	-	-	-			
						1.0	0.1	275	28.0	28.0	8.1	8.1	24.3	24.3	78.5	78.5	5.4	5.4	12.8	5.4	5	-	-	-	-	-						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
					Bottom	3.5	0.1	233	28.0	28.0	8.1	8.1	25.0	25.0	78.3	78.4	5.3	5.3	16.2	5.3	6	-	-	-	-	-						
						3.5	0.1	255	28.0	28.0	8.1	8.1	25.0	2																		

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

Water Quality Monitoring

Water Quality Monitoring Results on 19 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA		
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
C1	Cloudy	Moderate	17:00	8.9	Surface	1.0	0.4	225	29.1	29.1	8.2	8.2	19.8	19.8	108.4	108.3	7.5	7.4	10.2	17.0	8	9	77	79	815600	804226	<0.2	2.0	2.1			
						1.0	0.4	244	29.1	29.1	8.2	8.2	19.8	19.8	108.2	108.3	7.4	7.4	10.3	17.0	9	9	77	79	815600	804226	<0.2	2.1				
						4.5	0.3	203	29.1	29.1	8.2	8.2	19.9	19.9	105.4	105.2	7.3	7.2	11.1	17.0	10	9	79	79	815600	804226	<0.2	2.1				
					4.5	0.4	215	29.1	29.1	8.2	8.2	19.9	19.9	105.0	105.2	7.2	7.2	11.2	17.0	9	9	79	79	815600	804226	<0.2	2.1					
					7.9	0.3	208	28.6	28.6	8.2	8.2	26.9	26.9	94.3	94.5	6.3	6.3	29.4	17.0	81	81	81	81	815600	804226	<0.2	2.1					
					7.9	0.3	215	28.6	28.6	8.2	8.2	26.9	26.9	94.6	94.5	6.3	6.3	29.5	17.0	11	11	81	81	815600	804226	<0.2	2.0					
C2	Cloudy	Rough	16:28	12.5	Surface	1.0	0.3	188	28.8	28.8	7.7	7.7	17.7	17.7	81.1	81.1	5.7	5.5	5.0	4.6	11	12	77	80	825700	806953	<0.2	2.7	2.8			
						1.0	0.3	191	28.8	28.8	7.7	7.7	17.7	17.7	81.1	81.1	5.7	5.5	5.0	4.6	11	12	77	80	825700	806953	<0.2	3.0				
						6.3	0.4	162	28.9	28.9	7.7	7.7	19.6	19.6	76.8	76.8	5.3	5.3	3.6	4.6	11	12	80	80	825700	806953	<0.2	2.8				
					6.3	0.5	168	28.9	28.9	7.7	7.7	19.6	19.6	76.7	76.8	5.3	5.3	3.5	4.6	10	12	80	80	825700	806953	<0.2	2.9					
					11.5	0.3	139	28.7	28.7	7.8	7.8	21.9	21.9	71.0	71.2	4.9	4.9	5.3	4.9	14	15	82	82	825700	806953	<0.2	2.8					
					11.5	0.3	146	28.7	28.7	7.8	7.8	22.2	22.0	71.3	71.2	4.9	4.9	5.2	4.9	15	15	82	82	825700	806953	<0.2	2.6					
C3	Cloudy	Moderate	18:02	11.7	Surface	1.0	0.4	78	28.9	28.9	7.9	7.9	20.7	20.7	82.4	82.4	5.7	5.6	5.4	7.6	14	15	78	80	822083	817782	<0.2	2.0	2.1			
						1.0	0.4	84	28.9	28.9	7.9	7.9	20.7	20.7	82.4	82.4	5.7	5.6	5.4	7.6	12	15	78	80	822083	817782	<0.2	1.9				
						5.9	0.4	92	28.9	28.9	7.9	7.9	21.8	21.8	78.8	78.9	5.4	5.4	6.3	7.6	14	15	80	80	822083	817782	<0.2	2.2				
					5.9	0.4	97	28.9	28.9	7.9	7.9	21.8	21.8	78.9	78.9	5.4	5.4	6.3	7.6	14	15	80	80	822083	817782	<0.2	2.3					
					10.7	0.4	68	28.6	28.6	7.9	7.9	24.8	24.8	72.8	72.9	4.9	4.9	10.9	7.6	17	15	82	82	822083	817782	<0.2	2.0					
					10.7	0.4	74	28.6	28.6	7.9	7.9	24.8	24.8	73.0	72.9	4.9	4.9	11.0	7.6	18	15	82	82	822083	817782	<0.2	1.9					
IM1	Cloudy	Rough	16:40	5.9	Surface	1.0	0.2	150	29.2	29.2	8.2	8.2	18.6	18.6	110.6	110.6	7.6	7.6	10.7	16.5	7	8	77	79	817943	807143	<0.2	2.0	2.1			
						1.0	0.2	153	29.2	29.2	8.2	8.2	18.6	18.6	110.5	110.6	7.6	7.6	10.9	16.5	7	8	77	79	817943	807143	<0.2	2.3				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
					4.9	0.3	165	29.2	29.2	8.2	8.2	19.8	19.8	105.1	105.2	7.2	7.2	22.1	16.5	8	8	80	80	817943	807143	<0.2	1.9					
					4.9	0.3	178	29.2	29.2	8.2	8.2	19.8	19.8	105.2	105.2	7.2	7.2	22.2	16.5	8	8	81	81	817943	807143	<0.2	2.1					
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
IM2	Cloudy	Moderate	16:33	7.7	Surface	1.0	0.2	157	29.1	29.1	8.2	8.2	19.4	19.4	106.4	106.4	7.3	7.2	9.4	9.8	4	5	76	79	818190	806164	<0.2	2.3	2.2			
						1.0	0.2	157	29.1	29.1	8.2	8.2	19.4	19.4	106.4	106.4	7.3	7.2	9.4	9.8	4	5	77	79	818190	806164	<0.2	2.2				
						3.9	0.3	161	29.1	29.1	8.2	8.2	19.4	19.4	103.6	103.5	7.1	7.1	9.7	9.8	6	5	78	79	818190	806164	<0.2	2.2				
					3.9	0.3	175	29.1	29.1	8.2	8.2	19.4	19.4	103.3	103.5	7.1	7.1	9.7	9.8	6	5	79	79	818190	806164	<0.2	2.3					
					6.7	0.3	183	29.1	29.1	8.2	8.2	20.0	20.0	100.7	100.8	6.9	6.9	10.4	9.8	5	5	80	80	818190	806164	<0.2	2.2					
					6.7	0.3	191	29.1	29.1	8.2	8.2	20.0	20.0	100.9	100.8	6.9	6.9	10.4	9.8	5	5	81	81	818190	806164	<0.2	2.2					
IM3	Cloudy	Rough	16:27	7.9	Surface	1.0	0.2	188	29.1	29.1	8.2	8.2	19.3	19.3	105.8	105.8	7.3	7.2	9.4	9.9	5	6	76	78	818775	805585	<0.2	2.0	2.2			
						1.0	0.2	203	29.1	29.1	8.2	8.2	19.3	19.3	105.8	105.8	7.3	7.2	9.3	9.9	4	6	77	79	818775	805585	<0.2	2.2				
						4.0	0.2	170	29.1	29.1	8.2	8.2	19.3	19.3	102.0	101.9	7.0	7.0	9.9	9.9	5	6	78	79	818775	805585	<0.2	2.2				
					4.0	0.2	180	29.1	29.1	8.2	8.2	19.3	19.3	101.8	101.9	7.0	7.0	9.9	9.9	6	6	79	79	818775	805585	<0.2	2.2					
					6.9	0.3	197	29.0	29.0	8.2	8.2	19.6	19.6	97.2	97.1	6.7	6.7	10.4	10.3	7	6	80	80	818775	805585	<0.2	2.2					
					6.9	0.3	211	29.0	29.0	8.2	8.2	19.6	19.6	97.0	97.0	6.7	6.7	10.3	10.3	7	6	80	80	818775	805585	<0.2	2.2					
IM4	Cloudy	Rough	16:17	7.8	Surface	1.0	0.3	134	29.0	29.0	8.2	8.2	19.0	19.0	103.5	103.5	7.2	7.1	9.8	10.3	5	5	76	79	819722	804590	<0.2	2.2	2.4			
						1.0	0.3	137	29.0	29.0	8.2	8.2	19.0	19.0	103.4	103.4	7.2	7.1	9.9	10.3	5	5	76	79	819722	804590	<0.2	2.3				
						3.9	0.4	171	29.0	29.0	8.2	8.2	19.0	19.0	101.7	101.7	7.0	7.0	10.2	10.3	5	5	79	79	819722	804590	<0.2	2.7				
					3.9	0.4	187	29.0	29.0	8.2	8.2	19.0	19.0	101.6	101.6	7.0	7.0	10.3	10.3	6	5	79	79	819722	804590	<0.2	2.5					
					6.8	0.3	200	29.0	29.0	8.2	8.2	19.3	19.3	99.7	99.7	6.9	6.9	10.7	10.7	5	5	81	81	819722	804590	<0.2	2.3					
					6.8	0.3	213	29.0	29.0	8.2	8.2	19.3	19.3	99.6	99.6	6.9	6.9	10.9	10.9	6	5	81	81	819722	804590	<0.2	2.4					
IM5	Cloudy	Rough	16:08	7.6	Surface	1.0	0.2	139	29.0	29.0	8.2	8.1	18.7	18.7	99.7	99.7	6.9	6.9	10.7	12.6	4	5	76	78	820731	804863	<0.2	2.2	2.3			
						1.0	0.3	140	29.0	29.0	8.1	8.1	18.7	18.7	99.7	99.7	6.9	6.9	10.7	12.6	5	5	77	78	820731	804863	<0.2	2.3				
						3.8	0.1	246	29.0	29.0	8.1	8.1	18.9	18.9	98.8	98.8	6.9	6.8	11.7	12.6	4	5	78	78	820731	804863	<0.2	2.3				
					3.8	0.1	257	29.0	29.0	8.1	8.1	18.9	18.9	98.7	98.8	6.8	6.8	11.7	12.6	5	5	78	78	820731	804863	<0.2	2.3					
					6.6	0.3	223	28.9	28.9	8.1	8.1	20.1	20.2	96.8	97.0	6.7	6.7	15.1	12.6	6	6	80	80	820731	804863	<0.2	2.3					
					6.6	0.3	240	28.9	28.9	8.1	8.1	20.3	20.2	97.2	97.0	6.7	6.7	15.8	12.6	6	6	81	81	820731	804863	<0.2	2.2					
IM6	Cloudy	Rough	16:01	7.3	Surface	1.0	0.2	94	29.1	29.1	8.2	8.2	18.8	18.8	103.9	103.9	7.2	7.2	10.7	11.8	6	6	76	78	821063	805812	<0.2					

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

Water Quality Monitoring

Water Quality Monitoring Results on 19 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA			
IM9	Cloudy	Moderate	17:00	7.5	Surface	1.0	0.2	161	28.9	28.9	7.8	7.8	18.7	18.7	84.1	84.1	5.9	5.6	5.8	5.6	7	7	78	78	80	80	822113	808834	<0.2	2.5	2.5	2.5			
						1.0	0.2	167	28.9	28.9	7.8	7.8	18.7	18.7	84.0	84.0	5.8	5.6	5.8	5.6	7	7	78	78	80	80	822113	808834	<0.2	2.5	2.5	2.5			
					Middle	3.8	0.4	124	28.8	28.8	7.8	7.8	18.7	18.7	83.3	83.3	5.8	5.9	5.7	5.9	5.8	5.9	7	7	80	80	80	80	822113	808834	<0.2	2.3	2.3	2.3	
						3.8	0.4	132	28.8	28.8	7.8	7.8	18.7	18.7	83.3	83.3	5.8	6.0	5.8	6.0	5.8	6.0	7	7	80	80	80	80	822113	808834	<0.2	2.6	2.6	2.6	
					Bottom	6.5	0.4	98	28.8	28.8	7.8	7.8	19.2	19.2	79.4	79.4	5.5	5.5	5.5	5.5	5.5	5.5	8	8	82	82	82	82	822113	808834	<0.2	2.5	2.5	2.5	
						6.5	0.4	101	28.8	28.8	7.8	7.8	19.2	19.2	79.4	79.4	5.5	5.5	5.5	5.5	5.5	5.5	7	7	82	82	82	82	822113	808834	<0.2	2.5	2.5	2.5	
IM10	Cloudy	Moderate	17:07	7.6	Surface	1.0	0.5	169	28.8	28.8	7.8	7.8	18.1	18.1	84.7	84.7	5.9	5.3	5.8	5.3	5	5	78	78	80	80	822380	809816	<0.2	2.2	2.2	2.2			
						1.0	0.6	176	28.8	28.8	7.8	7.8	18.1	18.1	84.6	84.6	5.9	5.3	5.8	5.3	6	6	78	78	80	80	822380	809816	<0.2	2.2	2.2	2.2			
					Middle	3.8	0.5	144	28.8	28.8	7.8	7.8	18.4	18.4	81.9	81.9	5.7	5.2	5.7	5.2	8	8	80	80	80	80	822380	809816	<0.2	2.6	2.6	2.6	2.6		
						3.8	0.6	156	28.8	28.8	7.8	7.8	18.4	18.4	82.1	82.0	5.7	5.3	5.7	5.3	7	7	80	80	80	80	822380	809816	<0.2	2.7	2.7	2.7			
					Bottom	6.6	0.4	105	28.8	28.8	7.8	7.8	19.1	19.1	78.9	78.9	5.5	22.9	22.9	22.9	22.9	5.5	22.9	6	6	82	82	82	82	822380	809816	<0.2	2.4	2.4	2.4
						6.6	0.4	108	28.8	28.8	7.8	7.8	19.1	19.1	79.0	79.0	5.5	22.9	22.9	22.9	22.9	5.5	22.9	8	8	82	82	82	82	822380	809816	<0.2	2.4	2.4	2.4
IM11	Cloudy	Moderate	17:16	6.8	Surface	1.0	0.6	153	28.8	28.8	7.9	7.9	18.3	18.3	85.8	85.8	6.0	4.9	6.0	4.9	6	6	78	78	80	80	822042	811454	<0.2	2.2	2.2	2.2			
						1.0	0.6	154	28.8	28.8	7.9	7.9	18.3	18.3	85.8	85.8	6.0	5.0	6.0	5.0	6	6	78	78	80	80	822042	811454	<0.2	2.1	2.1	2.1			
					Middle	3.4	0.6	147	28.8	28.8	7.9	7.9	18.5	18.5	84.9	84.9	5.9	5.5	5.9	5.5	4	4	80	80	80	80	822042	811454	<0.2	2.1	2.1	2.1	2.1		
						3.4	0.6	148	28.8	28.8	7.9	7.9	18.5	18.5	84.8	84.8	5.9	5.5	5.9	5.5	5	5	80	80	80	80	822042	811454	<0.2	2.2	2.2	2.2			
					Bottom	5.8	0.5	116	28.8	28.8	7.9	7.9	18.7	18.7	83.2	83.2	5.8	13.7	13.7	13.7	13.7	5.8	13.7	7	7	82	82	82	82	822042	811454	<0.2	2.2	2.2	2.2
						5.8	0.5	117	28.8	28.8	7.9	7.9	18.7	18.7	83.2	83.2	5.8	13.6	13.6	13.6	13.6	5.8	13.6	7	7	82	82	82	82	822042	811454	<0.2	2.2	2.2	2.2
IM12	Cloudy	Moderate	17:22	9.8	Surface	1.0	0.6	149	28.9	28.9	7.9	7.9	18.5	18.5	86.8	86.8	6.0	5.1	6.0	5.1	6	6	78	78	80	80	821473	812056	<0.2	2.2	2.2	2.2			
						1.0	0.7	159	28.9	28.9	7.9	7.9	18.5	18.5	86.7	86.7	6.0	5.1	6.0	5.1	6	6	78	78	80	80	821473	812056	<0.2	2.3	2.3	2.3			
					Middle	4.9	0.6	136	28.9	28.9	7.9	7.9	19.1	19.1	87.3	87.3	6.1	10.0	10.0	10.0	8	8	80	80	80	80	821473	812056	<0.2	2.2	2.2	2.2	2.2		
						4.9	0.7	144	28.9	28.9	7.9	7.9	19.1	19.1	87.3	87.3	6.1	10.0	10.0	10.0	7	7	80	80	80	80	821473	812056	<0.2	2.4	2.4	2.4	2.4		
					Bottom	8.8	0.6	125	28.9	28.9	7.9	7.9	19.2	19.2	87.4	87.4	6.1	11.4	11.4	11.4	7	7	83	83	83	83	821473	812056	<0.2	2.5	2.5	2.5	2.5		
						8.8	0.6	133	28.9	28.9	7.9	7.9	19.3	19.2	87.3	87.3	6.0	11.6	11.6	11.6	7	7	83	83	83	83	821473	812056	<0.2	2.4	2.4	2.4	2.4		
SR2	Cloudy	Moderate	17:43	4.2	Surface	1.0	0.4	128	28.9	28.9	7.9	7.9	18.3	18.3	86.1	86.1	6.0	4.9	6.0	4.8	5	5	78	78	80	80	821462	814154	<0.2	2.3	2.3	2.3			
						1.0	0.4	137	28.9	28.9	7.9	7.9	18.3	18.3	86.1	86.1	6.0	4.8	6.0	4.8	6	6	78	78	80	80	821462	814154	<0.2	2.4	2.4	2.4			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					Bottom	3.2	0.3	114	28.9	28.9	7.9	7.9	19.0	19.0	84.7	84.7	5.9	8.3	8.3	8.3	8	8	80	80	80	80	821462	814154	<0.2	2.4	2.4	2.4	2.4		
						3.2	0.4	123	28.9	28.9	7.9	7.9	19.0	19.0	84.6	84.6	5.9	8.4	8.4	8.4	6	6	80	80	80	80	821462	814154	<0.2	2.5	2.5	2.5	2.5		
SR3	Cloudy	Moderate	16:48	9.3	Surface	1.0	0.3	172	29.0	29.0	7.9	7.9	18.7	18.7	93.2	93.1	6.5	4.8	6.5	4.8	5	5	-	-	-	-	822146	807594	-	-	-	-			
						1.0	0.3	179	29.0	29.0	7.9	7.9	18.7	18.7	93.0	93.1	6.5	5.0	6.5	5.0	7	7	-	-	-	-	822146	807594	-	-	-	-			
					Middle	4.7	0.2	91	28.9	28.9	7.9	7.9	18.8	18.8	87.5	87.5	6.1	5.4	6.1	5.4	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
						4.7	0.2	93	28.9	28.9	7.9	7.9	18.8	18.8	87.5	87.5	6.1	5.3	6.1	5.3	6	6	-	-	-	-	-	-	-	-	-	-	-		
					Bottom	8.3	0.3	65	28.7	28.7	7.8	7.8	20.4	20.6	72.3	72.0	5.0	9.5	9.5	9.5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	
						8.3	0.3	66	28.7	28.7	7.8	7.8	20.8	20.6	71.7	71.7	4.9	10.3	10.3	10.3	7	7	-	-	-	-	-	-	-	-	-	-	-		
SR4A	Cloudy	Moderate	17:23	9.2	Surface	1.0	0.1	69	29.1	29.1	8.2	8.2	19.4	19.4	101.3	101.3	7.0	14.2	7.0	14.2	9	9	-	-	-	-	817163	807787	-	-	-	-			
						1.0	0.1	75	29.1	29.1	8.2	8.1	19.4	19.4	101.2	101.2	7.0	14.2	7.0	14.2	10	10	-	-	-	-	817163	807787	-	-	-	-			
					Middle	4.6	0.1	37	29.0	29.0	8.1	8.1	20.2	20.2	93.3	93.1	6.4	15.5	6.4	15.5	11	11	-	-	-	-	-	-	-	-	-	-	-		
						4.6	0.1	40	29.0	29.0	8.1	8.1	20.1	20.1	92.9	93.1	6.4	15.6	6.4	15.6	10	10	-	-	-	-	-	-	-	-	-	-			
					Bottom	8.2	0.0	239	28.8	28.8	8.1	8.1	22.2	22.3	82.4	82.4	5.6	20.3	20.3	20.3	10	10	-	-	-	-	-	-	-	-	-	-	-		
						8.2	0.0	245	28.8	28.8	8.1	8.1	22.3	22.3	82.4	82.4	5.6	20.6	20.6	20.6	10	10	-	-	-	-	-	-	-	-	-	-			
SR5A	Cloudy	Calm	17:39	4.7	Surface	1.0	0.0	16	29.3	29.3	8.2	8.2	21.0	21.0	103.6	103.6	7.1	11.7	7.1	11.7	8	8	-	-	-	-	816586	810708	-	-	-	-			
						1.0	0.0	16	29.3	29.3	8.2	8.2	21.0	21.0	103.5	103.5	7.1	11.7	7.1	11.7	8	8	-	-	-	-	816586	810708	-</						

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

Water Quality Monitoring

Water Quality Monitoring Results on 19 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value
C1	Cloudy	Calm	11:04	8.9	Surface	1.0	0.4	46	28.8	28.8	8.1	8.1	20.0	20.0	94.2	94.2	6.5	6.4	10.3	10.7	7	6	78	80	80	815638	804251	<0.2	2.4	2.3			
						1.0	0.5	46	28.8	28.8	8.1	8.1	20.0	20.0	94.1	94.2	6.5	6.4	10.3	10.7	6	6	78	80	80	815638	804251	<0.2	2.2	2.3			
						4.5	0.4	44	28.8	28.8	8.1	8.1	20.2	20.2	91.7	91.7	6.3	6.3	10.5	10.7	6	6	80	80	80	815638	804251	<0.2	2.4	2.3			
					4.5	0.4	44	28.8	28.8	8.1	8.1	20.2	20.2	91.6	91.7	6.3	6.3	10.5	10.7	7	6	80	80	80	815638	804251	<0.2	2.5	2.3				
					7.9	0.3	25	28.8	28.8	8.1	8.1	22.3	22.3	91.7	91.7	6.3	6.3	11.1	11.1	5	5	82	82	82	815638	804251	<0.2	2.2	2.3				
					7.9	0.3	25	28.8	28.8	8.2	8.1	22.6	22.5	92.1	91.9	6.3	6.3	11.3	11.3	6	6	82	82	82	815638	804251	<0.2	2.1	2.3				
C2	Cloudy	Moderate	12:15	12.7	Surface	1.0	0.5	304	29.1	29.1	7.8	7.8	17.9	17.9	79.9	79.9	5.6	5.5	4.4	4.4	4	4	78	80	80	825689	806961	<0.2	2.7	2.5			
						1.0	0.6	328	29.1	29.1	7.8	7.8	17.9	17.9	79.8	79.9	5.6	5.5	4.4	4.4	5	5	78	80	80	825689	806961	<0.2	2.6	2.5			
						6.4	0.5	38	28.9	28.9	7.8	7.8	19.1	19.1	76.7	76.7	5.3	5.3	4.9	4.9	5	5	80	80	80	825689	806961	<0.2	2.6	2.3			
					6.4	0.5	39	28.9	28.9	7.8	7.8	19.1	19.1	76.7	76.7	5.3	5.3	4.9	4.9	7	7	82	82	82	825689	806961	<0.2	2.3	2.3				
					11.7	0.3	53	28.8	28.8	7.9	7.9	20.9	20.8	77.8	77.8	5.4	5.4	3.9	3.9	7	7	82	82	82	825689	806961	<0.2	2.4	2.3				
					11.7	0.3	53	28.8	28.8	7.9	7.9	20.8	20.8	77.8	77.8	5.4	5.4	3.9	3.9	6	6	82	82	82	825689	806961	<0.2	2.3	2.3				
C3	Cloudy	Moderate	09:54	12.1	Surface	1.0	0.6	288	28.9	28.9	7.8	7.8	18.7	18.7	80.4	80.4	5.6	5.4	3.8	4.1	4	5	77	80	80	822121	817776	<0.2	2.4	2.3			
						1.0	0.6	299	28.9	28.9	7.8	7.8	18.7	18.7	80.3	80.4	5.6	5.4	3.8	4.1	5	5	78	80	80	822121	817776	<0.2	2.5	2.3			
						6.1	0.7	274	28.7	28.7	7.8	7.8	22.3	22.3	75.7	75.7	5.2	5.2	3.9	3.9	5	5	80	80	80	822121	817776	<0.2	2.3	2.3			
					6.1	0.8	280	28.7	28.7	7.8	7.8	22.3	22.3	75.7	75.7	5.2	5.2	3.9	3.9	6	6	80	80	80	822121	817776	<0.2	2.3	2.3				
					11.1	0.7	290	28.6	28.6	7.9	7.9	24.2	24.2	75.4	75.4	5.1	5.1	4.4	4.4	5	5	82	82	82	822121	817776	<0.2	2.3	2.3				
					11.1	0.7	291	28.6	28.6	7.9	7.9	24.2	24.2	75.3	75.4	5.1	5.1	4.6	4.6	5	5	82	82	82	822121	817776	<0.2	2.2	2.3				
IM1	Cloudy	Moderate	11:22	5.6	Surface	1.0	0.4	37	29.0	29.0	8.1	8.1	18.3	18.3	101.5	101.4	7.1	7.1	9.5	9.7	6	6	78	79	81	817926	807125	<0.2	2.8	2.4			
						1.0	0.4	37	29.0	29.0	8.1	8.1	18.3	18.3	101.3	101.4	7.0	7.0	9.5	9.7	6	6	79	79	81	817926	807125	<0.2	2.6	2.4			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					4.6	0.2	25	28.8	28.8	8.1	8.1	18.4	18.4	100.5	100.6	7.0	7.0	9.8	9.7	7	7	84	84	84	817926	807125	<0.2	2.1	2.4				
					4.6	0.2	25	28.8	28.8	8.1	8.1	18.4	18.4	100.6	100.6	7.0	7.0	9.8	9.7	6	6	83	83	83	817926	807125	<0.2	2.2	2.4				
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IM2	Cloudy	Moderate	11:29	7.9	Surface	1.0	0.4	13	29.0	29.0	8.1	8.1	18.6	18.6	97.3	97.2	6.8	6.6	9.8	11.5	5	4	78	79	81	818175	806174	<0.2	2.6	2.4			
						1.0	0.5	13	29.0	29.0	8.1	8.1	18.6	18.6	97.1	97.2	6.7	6.6	9.9	11.5	4	4	79	81	81	818175	806174	<0.2	2.3	2.4			
						4.0	0.5	0	28.8	28.8	8.1	8.1	18.8	18.8	93.5	93.5	6.5	6.5	10.7	11.5	3	4	81	81	81	818175	806174	<0.2	2.5	2.4			
					4.0	0.5	0	28.8	28.8	8.1	8.1	18.8	18.8	93.4	93.5	6.5	6.5	10.7	11.5	5	4	81	81	81	818175	806174	<0.2	2.4	2.4				
					6.9	0.4	358	28.8	28.8	8.1	8.1	22.6	22.7	92.7	92.8	6.3	6.3	13.9	13.9	4	4	83	83	83	818175	806174	<0.2	2.2	2.4				
					6.9	0.4	329	28.8	28.8	8.1	8.1	22.7	22.7	92.9	92.8	6.3	6.3	13.9	13.9	5	4	83	83	83	818175	806174	<0.2	2.5	2.4				
IM3	Cloudy	Moderate	11:36	8.0	Surface	1.0	0.5	17	29.0	29.0	8.1	8.1	19.0	19.0	98.9	98.9	6.9	6.7	10.5	11.8	5	5	77	80	79	818811	805586	<0.2	2.1	2.2			
						1.0	0.6	17	29.0	29.0	8.1	8.1	19.0	19.0	98.8	98.9	6.8	6.7	10.6	11.8	5	5	77	80	80	818811	805586	<0.2	2.3	2.2			
						4.0	0.5	19	28.8	28.8	8.1	8.1	19.1	19.1	93.9	93.7	6.5	6.5	10.4	11.8	5	5	79	80	80	818811	805586	<0.2	2.4	2.2			
					4.0	0.5	19	28.8	28.8	8.1	8.1	19.1	19.1	93.5	93.7	6.5	6.5	10.6	11.8	6	5	80	80	80	818811	805586	<0.2	2.1	2.2				
					7.0	0.5	10	28.8	28.8	8.1	8.1	22.1	22.4	90.8	90.9	6.2	6.2	14.2	14.2	5	5	81	81	81	818811	805586	<0.2	2.2	2.2				
					7.0	0.5	10	28.8	28.8	8.1	8.1	22.8	22.8	90.9	90.9	6.2	6.2	14.2	14.2	4	4	82	82	82	818811	805586	<0.2	2.2	2.2				
IM4	Cloudy	Moderate	11:46	8.3	Surface	1.0	0.8	23	28.9	28.9	8.1	8.1	19.0	19.0	99.0	99.0	6.9	6.8	9.3	13.0	4	5	77	80	80	819730	804635	<0.2	2.1	2.2			
						1.0	0.8	23	28.9	28.9	8.1	8.1	19.0	19.0	99.0	99.0	6.9	6.8	9.4	13.0	4	5	78	80	80	819730	804635	<0.2	2.0	2.2			
						4.2	0.6	24	28.9	28.9	8.1	8.1	19.3	19.3	97.2	97.2	6.7	6.7	10.2	13.0	4	5	80	80	80	819730	804635	<0.2	2.3	2.2			
					4.2	0.7	24	28.9	28.9	8.1	8.1	19.3	19.3	97.1	97.2	6.7	6.7	10.3	13.0	4	5	80	80	80	819730	804635	<0.2	2.0	2.2				
					7.3	0.4	5	28.7	28.7	8.2	8.2	22.7	22.7	89.1	89.3	6.1	6.1	19.2	19.2	5	6	83	82	82	819730	804635	<0.2	2.0	2.2				
					7.3	0.4	5	28.7	28.7	8.2	8.2	22.7	22.7	89.5	89.3	6.1	6.1	19.7	19.7	6	6	82	82	82	819730	804635	<0.2	2.5	2.2				
IM5	Cloudy	Moderate	11:53	7.3	Surface	1.0	0.5	27	28.8	28.8	8.1	8.1	17.8	17.8	94.1	94.1	6.6	6.6	9.5	11.4	4	4	76	78	78	820726	804890	<0.2	2.4	2.3			
						1.0	0.5	28	28.8	28.8	8.1	8.1	17.8	17.8	94.0	94.1	6.6	6.6	9.6	11.4	5	4	76	78	78	820726	804890	<0.2	2.1	2.3			
						3.7	0.5	15	28.8	28.8	8.1	8.1	18.8	18.8	93.0	93.0	6.5	6.5	10.5	11.4	4	4	78	78	78	820726	804890	<0.2	2.4	2.3			
					3.7	0.6	15	28.8	28.8	8.1	8.1	18.8	18.8	93.0	93.0	6.5	6.5	10.7	11.4	4	4	78	78	78	820726	804890	<0.2	2.3	2.3				
					6.3	0.3	11	28.7	28.7	8.1	8.1	20.7	20.7	91.9	91.9	6.3																	

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

Water Quality Monitoring

Water Quality Monitoring Results on 19 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)						
					Value	Average			Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA			
IM9	Cloudy	Moderate	11:40	7.8	Surface	1.0	0.4	327	29.1	29.1	7.8	7.8	17.9	17.9	80.4	80.4	5.6	5.6	4.4	4.4	7	7	78	78	822098	808814	<0.2	<0.2	2.4	2.4					
						1.0	0.5	334	29.1	29.1	7.8	7.8	17.9	17.9	80.4	80.4	5.6	5.6	4.4	4.4	7	7	78	78					2.6	2.6					
					Middle	3.9	0.4	320	28.7	28.7	7.9	7.9	19.2	19.2	75.5	75.5	5.2	5.2	7.3	7.3	6	6	80	80					2.4	2.4					
						3.9	0.5	327	28.7	28.7	7.9	7.9	19.2	19.2	75.5	75.5	5.2	5.2	7.4	7.4	6	6	80	80					2.5	2.5					
					Bottom	6.8	0.4	311	28.8	28.8	7.9	7.9	20.6	20.6	76.7	76.7	5.3	5.3	13.1	13.1	7	7	82	82					2.2	2.2					
						6.8	0.4	315	28.8	28.8	7.9	7.9	20.6	20.6	76.7	76.7	5.3	5.3	13.0	13.0	7	7	82	82					2.2	2.2					
IM10	Cloudy	Moderate	10:53	8.0	Surface	1.0	0.7	288	28.9	28.9	7.8	7.8	18.1	18.1	77.9	77.9	5.4	5.4	5.3	5.3	8	8	78	78	822390	809775	<0.2	<0.2	2.3	2.3					
						1.0	0.8	297	28.9	28.9	7.8	7.8	18.1	18.1	77.8	77.8	5.4	5.4	5.3	5.3	8	8	78	78					2.2	2.2					
					Middle	4.0	0.5	293	28.8	28.8	7.8	7.8	18.7	18.7	75.3	75.3	5.3	5.3	6.8	6.8	8	8	80	80					2.2	2.2					
						4.0	0.5	301	28.8	28.8	7.8	7.8	18.7	18.7	75.2	75.2	5.2	5.2	6.8	6.8	8	8	80	80					2.2	2.2					
					Bottom	7.0	0.4	274	28.7	28.7	7.8	7.8	20.7	20.7	70.7	70.7	4.9	4.9	21.1	21.1	7	7	82	82					2.2	2.2					
						7.0	0.4	293	28.7	28.7	7.8	7.8	20.7	20.7	70.8	70.8	4.9	4.9	21.4	21.4	9	9	82	82					2.2	2.2					
IM11	Cloudy	Moderate	10:42	7.3	Surface	1.0	0.6	318	28.9	28.9	7.8	7.8	17.8	17.8	81.9	81.9	5.7	5.7	4.5	4.5	6	6	78	78	822051	811456	<0.2	<0.2	2.3	2.3					
						1.0	0.6	347	28.9	28.9	7.8	7.8	17.8	17.8	81.9	81.9	5.7	5.7	4.5	4.5	7	7	78	78					2.4	2.4					
					Middle	3.7	0.5	309	28.7	28.7	7.9	7.9	19.6	19.6	77.2	77.3	5.4	5.4	5.6	5.6	6	6	80	80					2.3	2.3					
						3.7	0.6	330	28.7	28.7	7.9	7.9	19.6	19.6	77.3	77.3	5.4	5.4	5.6	5.6	6	6	80	80					2.4	2.4					
					Bottom	6.3	0.4	279	28.7	28.7	7.8	7.8	22.9	22.9	69.7	69.8	4.8	4.8	14.7	14.7	8	8	82	82					2.3	2.3					
						6.3	0.4	305	28.7	28.7	7.8	7.8	23.0	22.9	69.8	69.8	4.8	4.8	15.0	15.0	8	8	82	82					2.2	2.2					
IM12	Cloudy	Moderate	10:37	9.3	Surface	1.0	0.7	275	28.9	28.9	7.9	7.9	17.8	17.8	81.1	81.0	5.7	5.7	4.1	4.1	6	6	78	78	821456	812030	<0.2	<0.2	2.4	2.4					
						1.0	0.7	288	28.9	28.9	7.9	7.9	17.8	17.8	80.9	81.0	5.7	5.7	4.1	4.1	6	6	78	78					2.2	2.2					
					Middle	4.7	0.6	263	28.7	28.7	7.9	7.9	21.5	21.5	69.7	69.6	4.8	4.8	16.5	16.5	4	4	80	80					2.5	2.5					
						4.7	0.6	284	28.7	28.7	7.9	7.9	21.6	21.5	69.4	69.6	4.8	4.8	15.6	15.6	5	5	80	80					2.4	2.4					
					Bottom	8.3	0.3	249	28.6	28.6	7.9	7.9	23.7	23.8	66.5	66.5	4.5	4.5	20.0	20.0	8	8	82	82					2.6	2.6					
						8.3	0.3	253	28.6	28.6	7.9	7.9	23.8	23.8	66.5	66.5	4.5	4.5	19.7	19.7	9	9	82	82					2.6	2.6					
SR2	Cloudy	Moderate	10:14	4.1	Surface	1.0	0.2	56	28.8	28.8	7.8	7.8	18.4	18.4	76.0	76.1	5.3	5.3	4.9	4.8	6	6	78	78	821486	814174	<0.2	<0.2	3.4	3.2					
						1.0	0.2	56	28.8	28.8	7.8	7.8	18.4	18.4	76.1	76.1	5.3	5.3	4.8	4.8	6	6	78	78					2.8	2.8					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-
					Bottom	3.1	0.3	42	28.7	28.8	7.8	7.8	21.1	21.1	76.2	76.4	5.2	5.3	8.4	8.4	7	7	80	80					2.3	2.3					
						3.1	0.3	44	28.8	28.8	7.8	7.8	21.1	21.1	76.5	76.4	5.2	5.3	8.4	8.4	6	6	80	80					2.4	2.4					
SR3	Cloudy	Moderate	11:55	9.5	Surface	1.0	0.4	175	29.1	29.1	7.8	7.8	17.9	17.9	79.8	79.8	5.6	5.6	4.4	4.4	5	5	-	-	822117	807570	-	-	-	-					
						1.0	0.5	187	29.1	29.1	7.8	7.8	17.9	17.9	79.7	79.8	5.5	5.5	4.4	4.4	5	5	-	-					-	-					
					Middle	4.8	0.3	212	28.8	28.8	7.8	7.8	19.0	19.1	76.1	76.1	5.3	5.3	5.2	5.2	6	6	-	-					-	-					
						4.8	0.3	214	28.8	28.8	7.8	7.8	19.1	19.1	76.1	76.1	5.3	5.3	5.2	5.2	6	6	-	-					-	-					
					Bottom	8.5	0.2	204	28.8	28.8	7.9	7.9	20.5	20.5	76.4	76.4	5.3	5.3	4.3	4.3	5	5	-	-					-	-					
						8.5	0.2	218	28.8	28.8	7.9	7.9	20.5	20.5	76.3	76.3	5.3	5.3	4.3	4.3	6	6	-	-					-	-					
SR4A	Cloudy	Calm	10:41	9.3	Surface	1.0	0.2	244	28.9	28.9	8.1	8.1	19.0	19.0	96.6	96.5	6.7	6.7	9.8	9.8	7	7	-	-	817208	807826	-	-	-	-					
						1.0	0.2	251	28.9	28.9	8.1	8.1	19.0	19.0	96.4	96.4	6.7	6.7	9.8	9.8	6	6	-	-											
					Middle	4.7	0.3	251	28.7	28.7	8.1	8.1	22.2	22.2	84.8	84.7	5.8	5.8	13.8	13.8	8	8	-	-											
						4.7	0.3	273	28.7	28.7	8.1	8.1	22.2	22.2	84.6	84.7	5.8	5.8	14.1	14.1	7	7	-	-											
					Bottom	8.3	0.2	251	28.8	28.8	8.0	8.0	23.3	23.3	85.9	86.0	5.8	5.8	18.0	18.0	6	6	-	-											
						8.3	0.3	259	28.8	28.8	8.0	8.0	23.3	23.3	86.0	86.0	5.8	5.8	17.9	17.9	7	7	-	-											
SR5A	Cloudy	Calm	10:26	5.3	Surface	1.0	0.4	309	28.8	28.8	8.1	8.1	21.3	21.3	92.9	92.7	6.4	6.4	10.1	10.1	6	6	-	-	816564	810716	-	-	-	-					
						1.0	0.4	309	28.8	28.8	8.1	8.1	21.3	21.3	92.5	92.5	6.4	6.4	10.1	10.1	6	6	-	-											
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-	-	
					Bottom	4.3	0.3	316	28.8	28.8	8.1	8.1	22.9	22.9	86.2	86.2	5.9	5.9	15.1	15.1	6	6	-	-											
						4.3	0.3	335	28.8	28.8	8.1	8.1	22.9	22.9	86.2	86.2	5.9	5.9	15.0	15.0	7	7	-	-											
SR6	Cloudy	Calm	10:05	4.5	Surface	1.0	0.3	263	28.9	28.9	8.0	8.0	19.0	19.0	86.2	86.2	6.0	6.0	16.9	16.9	11	11	-	-	817920	814648	-	-	-	-					
						1.0	0.3	277	28.9	28.9	8.0	8.0	19.0	19.0	86.2	86.2	6.0	6.0	17.0	17.0	11	11	-	-											
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-		
					Bottom	3.5	0.3	274	28.9	28.9	8.0	8.0	20.0	20.0	86.6	86.6	6.0	6.0	23.1	23.1	11	11	-	-											
						3.5	0.3	279	28.9	28.9	8.0	8.0	20.0	20.0	86.7	86.7	6.0	6.0	23.1	23.1	13	13	-	-											
SR7	Cloudy	Moderate	09:22	18.6	Surface	1.0	0.1	222	28.9	28.9	7.8	7.8	18.8	18.8	83.6	83.6	5.8	5.8	3.4	3.4	4	4	-	-	823637	823730	-	-	-	-					
						1.0	0.1	235	28.9	28.9	7.8	7.8	18.8																						

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

Water Quality Monitoring

Water Quality Monitoring Results on 21 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value
C1	Cloudy	Moderate	19:10	8.4	Surface	1.0	0.2	239	29.8	29.8	8.3	8.3	16.7	16.7	116.1	115.9	8.0	7.3	9.5	13.6	5	6	78	81	81	815637	804271	<0.2	2.0	2.0	2.0		
						1.0	0.2	249	29.8	29.8	8.3	8.3	16.7	16.7	115.7	115.9	8.0	7.3	9.5	13.6	6	6	78	81	81	81	<0.2	2.0	2.0	2.0			
						4.2	0.3	231	29.3	29.3	8.2	8.2	20.6	20.6	97.1	97.1	6.6	6.6	12.8	6	6	81	81	81	81	<0.2	1.9	2.0	2.0				
					4.2	0.3	244	29.3	29.3	8.2	8.2	20.6	20.6	97.1	97.1	6.6	6.6	12.8	6	6	81	81	81	81	<0.2	2.0	2.0	2.0					
					7.4	0.2	234	28.4	28.4	8.2	8.2	29.2	29.2	87.7	87.8	5.8	5.8	18.6	5.8	6	6	81	81	81	81	<0.2	2.0	2.0	2.0				
					7.4	0.2	245	28.4	28.4	8.2	8.2	29.2	29.2	87.8	87.8	5.8	5.8	18.6	5.8	6	6	83	83	83	83	<0.2	2.0	2.0	2.0				
C2	Cloudy	Moderate	18:05	12.6	Surface	1.0	0.3	180	29.6	29.6	7.7	7.7	15.1	15.1	94.1	94.1	6.6	5.9	4.5	7.0	5	6	76	79	79	825681	806973	<0.2	2.8	2.8	2.5		
						1.0	0.3	188	29.6	29.6	7.7	7.7	15.1	15.1	94.1	94.1	6.6	5.9	4.5	7.0	6	6	77	79	79	79	<0.2	2.4	2.6	2.6			
						6.3	0.4	173	29.1	29.1	7.7	7.7	20.4	20.4	76.0	76.0	5.2	5.2	4.7	6	7	79	80	80	80	<0.2	2.6	2.6	2.2				
					6.3	0.5	178	29.1	29.1	7.7	7.7	20.4	20.4	76.0	76.0	5.2	5.2	4.6	6	7	80	81	81	81	<0.2	2.2	2.4	2.4					
					11.6	0.3	121	28.7	28.7	7.7	7.7	25.3	25.3	70.1	70.1	4.7	4.7	11.8	7	7	81	81	81	81	<0.2	2.4	2.4	2.4					
					11.6	0.3	122	28.7	28.7	7.7	7.7	25.3	25.3	70.3	70.2	4.7	4.7	12.1	6	6	81	81	81	81	<0.2	2.4	2.7	2.7					
C3	Cloudy	Moderate	19:57	11.8	Surface	1.0	0.4	80	29.4	29.4	7.8	7.8	17.8	17.8	89.7	89.7	6.2	6.0	3.7	5.6	6	6	80	81	81	822108	817822	<0.2	2.3	2.3	2.3		
						1.0	0.5	84	29.4	29.4	7.8	7.8	17.8	17.8	89.7	89.7	6.2	6.0	3.7	5.6	6	6	79	81	81	81	<0.2	2.4	2.4	2.4			
						5.9	0.4	97	29.2	29.2	7.8	7.8	19.5	19.5	82.7	82.7	5.7	5.7	3.1	7	7	81	81	81	81	<0.2	2.3	2.3	2.3				
					5.9	0.4	100	29.2	29.2	7.8	7.8	19.5	19.5	82.7	82.7	5.7	5.7	3.1	7	7	80	81	81	81	<0.2	2.3	2.3	2.3					
					10.8	0.4	72	28.8	28.8	7.8	7.8	24.2	24.2	74.7	74.8	5.1	5.1	9.9	7	7	83	83	83	83	<0.2	2.4	2.4	2.4					
					10.8	0.4	76	28.8	28.8	7.8	7.8	24.2	24.2	74.8	74.8	5.1	5.1	10.0	8	8	83	83	83	83	<0.2	2.1	2.1	2.1					
IM1	Cloudy	Moderate	18:51	5.3	Surface	1.0	0.2	196	29.8	29.8	8.2	8.2	16.6	16.6	113.3	113.3	7.8	7.8	10.5	13.1	5	6	77	79	79	817929	807114	<0.2	2.2	2.2	2.2		
						1.0	0.2	215	29.8	29.8	8.2	8.2	16.6	16.6	113.2	113.2	7.8	7.8	10.5	6	6	77	79	79	79	<0.2	2.1	2.1	2.1				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					4.3	0.1	176	28.8	28.8	8.2	8.2	25.0	25.0	89.0	89.1	6.0	6.0	15.7	6	6	80	80	80	80	<0.2	2.1	2.1	2.1					
					4.3	0.1	187	28.8	28.8	8.2	8.2	25.0	25.0	89.1	89.1	6.0	6.0	15.7	5	5	80	80	80	80	<0.2	2.3	2.3	2.3					
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IM2	Cloudy	Moderate	18:43	7.4	Surface	1.0	0.3	201	29.7	29.7	8.2	8.2	17.2	17.2	108.0	107.9	7.5	7.0	10.3	16.7	5	5	77	79	79	818169	806163	<0.2	2.3	2.3	2.4		
						1.0	0.3	201	29.7	29.7	8.2	8.2	17.2	17.2	107.8	107.8	7.5	7.0	10.3	4	4	77	79	79	79	<0.2	2.4	2.4	2.4				
						3.7	0.4	219	29.4	29.4	8.2	8.2	19.2	19.0	93.6	93.5	6.4	6.4	14.0	5	5	78	79	79	79	<0.2	2.6	2.6	2.6				
					3.7	0.4	233	29.4	29.4	8.2	8.2	18.8	19.0	93.4	93.4	6.4	6.4	14.1	5	5	79	80	80	80	<0.2	2.3	2.3	2.3					
					6.4	0.2	128	28.7	28.7	8.2	8.2	26.2	26.2	86.5	86.6	5.8	5.8	26.5	6	6	80	80	80	80	<0.2	2.4	2.4	2.4					
					6.4	0.2	136	28.7	28.7	8.2	8.2	26.2	26.2	86.6	86.6	5.8	5.8	25.0	6	6	81	81	81	81	<0.2	2.2	2.2	2.2					
IM3	Cloudy	Moderate	18:36	7.5	Surface	1.0	0.3	211	29.7	29.7	8.2	8.2	16.7	16.7	113.5	113.6	7.9	7.4	9.6	10.8	6	6	77	79	79	818755	805620	<0.2	2.3	2.3	2.4		
						1.0	0.3	223	29.7	29.7	8.2	8.2	16.7	16.7	113.6	113.6	7.9	7.4	9.6	5	5	77	79	79	79	<0.2	2.4	2.4	2.4				
						3.8	0.3	228	29.6	29.6	8.2	8.2	17.9	17.9	100.7	100.7	7.0	7.0	10.5	4	4	79	79	79	79	<0.2	2.4	2.4	2.4				
					3.8	0.4	238	29.6	29.6	8.2	8.2	17.9	17.9	100.6	100.6	6.9	6.9	10.6	5	5	79	80	80	80	<0.2	2.5	2.5	2.5					
					6.5	0.2	154	28.8	28.8	8.2	8.2	24.1	24.1	89.4	89.5	6.0	6.0	12.3	4	4	81	81	81	81	<0.2	2.4	2.4	2.4					
					6.5	0.2	158	28.8	28.8	8.2	8.2	24.1	24.1	89.5	89.5	6.0	6.0	12.3	4	4	81	81	81	81	<0.2	2.6	2.6	2.6					
IM4	Cloudy	Moderate	18:28	7.6	Surface	1.0	0.2	195	29.6	29.6	8.2	8.2	16.4	16.4	104.1	104.1	7.3	6.7	10.5	13.3	6	6	78	79	79	819700	804588	<0.2	2.2	2.2	2.3		
						1.0	0.2	201	29.6	29.6	8.2	8.2	16.4	16.4	104.1	104.1	7.2	6.7	10.5	6	6	78	79	79	79	<0.2	2.3	2.3	2.3				
						3.8	0.2	205	29.0	29.0	8.2	8.2	21.4	21.3	89.4	89.3	6.1	6.1	15.1	6	6	78	79	79	79	<0.2	2.3	2.3	2.3				
					3.8	0.2	224	29.0	29.0	8.2	8.2	21.3	21.3	89.1	89.1	6.1	6.1	15.0	6	6	78	79	79	79	<0.2	2.4	2.4	2.4					
					6.6	0.2	158	28.7	28.7	8.2	8.2	25.8	25.8	86.2	86.3	5.8	5.8	14.4	5	5	81	81	81	81	<0.2	2.4	2.4	2.4					
					6.6	0.3	170	28.7	28.7	8.2	8.2	25.8	25.8	86.3	86.3	5.8	5.8	14.3	6	6	81	81	81	81	<0.2	2.3	2.3	2.3					
IM5	Cloudy	Moderate	18:21	7.2	Surface	1.0	0.2	226	29.7	29.7	8.2	8.2	16.1	16.1	106.9	106.9	7.4	7.1	13.0	18.5	6	6	79	81	81	820735	804895	<0.2	2.4	2.4	2.4		
						1.0	0.2	248	29.7	29.7	8.2	8.2	16.1	16.1	106.9	106.9	7.4	7.1	13.0	6	6	79	81	81	81	<0.2	2.4	2.4	2.4				
						3.6	0.3	217	29.5	29.5	8.2	8.2	18.1	18.1	98.7	98.6	6.8	6.8	15.7	5	5	81	81	81	81	<0.2	2.4	2.4	2.4				
					3.6	0.3	233	29.5	29.5	8.2	8.2	18.1	18.1	98.5	98.6	6.8	6.8	15.8	5	5	81	81	81	81	<0.2	2.4	2.4	2.4					
					6.2	0.2	201	29.0	29.0	8.2	8.2	22.2	22.2	92.0	92.1	6.3	6.3	26.9	6	6	83	83	83	83	<0.2	2.6	2.6	2.6					
					6.2	0.2	213	29.0	29.0	8.2	8.2	22.2	22.2	92.2	92.1	6.3	6.3	26.8	5	5	83	83	83	83	<0.2	2.4	2.4	2.4					
IM6	Cloudy	Moderate	18:13	6.8	Surface	1.0	0.3</																										

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

Water Quality Monitoring

Water Quality Monitoring Results on 21 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)	
					Value	Average			Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA
IM9	Cloudy	Moderate	18:49	7.3	Surface	1.0	0.3	155	29.4	7.7	7.7	16.3	16.3	87.4	87.4	6.1	5.9	4.5	7	77	7	77	822068	808810	<0.2	2.6	2.5			
						1.0	0.3	165	29.4	7.7	7.7	16.3	16.3	87.4	87.4	6.1	5.9	4.6	8	78	7	78	<0.2	2.6						
					Middle	3.7	0.4	129	29.3	7.7	7.7	17.2	17.2	82.5	82.5	5.7	5.7	5.0	7	79	7	79	<0.2	2.5						
						3.7	0.4	141	29.3	7.7	7.7	17.2	17.2	82.5	82.5	5.7	5.7	5.0	6	80	7	80	<0.2	2.5						
					Bottom	6.3	0.4	101	29.1	7.6	7.6	18.8	18.8	74.0	74.0	5.1	5.1	12.8	5	81	5	81	<0.2	2.4						
						6.3	0.4	108	29.1	7.6	7.6	18.8	18.8	74.0	74.0	5.1	5.1	13.5	6	81	6	81	<0.2	2.4						
IM10	Cloudy	Moderate	19:00	7.4	Surface	1.0	0.5	173	29.6	7.7	7.7	15.2	15.2	94.4	94.4	6.6	6.0	3.7	6	77	6	77	822412	809795	<0.2	2.6	2.5			
						1.0	0.6	178	29.6	7.7	7.7	15.2	15.2	94.3	94.4	6.6	6.0	3.8	7	77	7	77	<0.2	2.6						
					Middle	3.7	0.5	132	29.1	7.6	7.6	18.1	18.1	76.5	76.5	5.3	5.3	9.1	7	80	7	80	<0.2	2.4						
						3.7	0.5	135	29.1	7.6	7.6	18.1	18.1	76.5	76.5	5.3	5.3	9.2	7	79	7	79	<0.2	2.3						
					Bottom	6.4	0.4	109	29.1	7.7	7.7	19.1	19.1	73.3	73.3	5.1	5.1	18.8	7	82	7	82	<0.2	2.4						
						6.4	0.4	113	29.1	7.7	7.7	19.1	19.1	73.4	73.4	5.1	5.1	18.8	6	80	6	80	<0.2	2.5						
IM11	Cloudy	Moderate	19:12	7.6	Surface	1.0	0.5	162	29.4	7.7	7.7	16.1	16.1	89.7	89.7	6.3	6.2	4.0	5	77	5	77	822067	811461	<0.2	2.6	2.6			
						1.0	0.6	170	29.4	7.7	7.7	16.1	16.1	89.6	89.7	6.3	6.2	4.0	5	76	5	76	<0.2	2.6						
					Middle	3.8	0.5	155	29.4	7.7	7.7	16.8	16.8	85.4	85.4	6.0	6.0	5.0	6	79	6	79	<0.2	2.5						
						3.8	0.5	163	29.4	7.7	7.7	16.8	16.8	85.3	85.4	6.0	6.0	4.9	5	79	5	79	<0.2	2.5						
					Bottom	6.6	0.5	113	29.1	7.7	7.7	20.0	20.0	75.9	75.9	5.2	5.2	11.5	4	81	4	81	<0.2	2.5						
						6.6	0.5	119	29.1	7.7	7.7	20.0	20.0	75.9	75.9	5.2	5.2	11.2	5	81	5	81	<0.2	2.6						
IM12	Cloudy	Moderate	19:18	7.2	Surface	1.0	0.6	137	29.3	7.7	7.7	18.4	18.4	83.5	83.4	5.8	6.1	6.7	6	77	6	77	821454	812037	<0.2	2.4	2.5			
						1.0	0.7	142	29.3	7.7	7.7	18.4	18.4	83.3	83.4	5.8	6.1	6.9	7	78	7	78	<0.2	2.5						
					Middle	3.6	0.6	120	29.4	7.7	7.7	16.2	16.2	90.1	90.1	6.3	6.3	4.4	5	79	5	79	<0.2	2.4						
						3.6	0.6	130	29.4	7.7	7.7	16.2	16.2	90.1	90.1	6.3	6.3	4.4	5	80	5	80	<0.2	2.5						
					Bottom	6.2	0.6	104	29.4	7.7	7.7	16.9	16.9	87.0	87.1	6.1	6.1	5.5	6	81	6	81	<0.2	2.5						
						6.2	0.6	110	29.4	7.7	7.7	16.9	16.9	87.1	87.1	6.1	6.1	5.6	7	82	7	82	<0.2	2.5						
SR2	Cloudy	Moderate	19:38	4.2	Surface	1.0	0.4	139	29.5	7.7	7.7	16.4	16.4	91.0	91.1	6.3	6.4	4.5	6	79	6	79	821452	814167	<0.2	2.4	2.4			
						1.0	0.4	146	29.5	7.7	7.7	16.3	16.4	91.1	91.1	6.4	6.4	4.4	6	78	6	78	<0.2	2.3						
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
					Bottom	3.2	0.3	107	29.4	7.7	7.7	17.5	17.5	87.4	87.4	6.1	6.1	5.8	7	82	7	82	<0.2	2.5						
						3.2	0.3	113	29.4	7.7	7.7	17.5	17.5	87.4	87.4	6.1	6.1	5.7	6	82	6	82	<0.2	2.5						
SR3	Cloudy	Moderate	18:26	8.4	Surface	1.0	0.4	184	29.5	7.7	7.7	15.7	15.6	92.6	92.8	6.5	5.9	4.1	7	-	7	-	822175	807590	-	-	-			
						1.0	0.4	195	29.5	7.7	7.7	15.6	15.6	93.0	92.8	6.5	5.9	4.1	5	-	5	-	-	-	-	-				
					Middle	4.2	0.2	102	29.2	7.6	7.6	18.2	18.2	76.0	76.0	5.3	5.3	3.7	5	-	5	-	-	-	-	-		-	-	
						4.2	0.2	104	29.2	7.6	7.6	18.2	18.2	76.0	76.0	5.3	5.3	3.7	5	-	5	-	-	-	-	-		-	-	
					Bottom	7.4	0.3	72	29.0	7.6	7.6	20.1	20.1	71.5	71.6	4.9	4.9	9.0	5	-	5	-	-	-	-	-		-	-	-
						7.4	0.3	74	29.0	7.6	7.6	20.1	20.1	71.6	71.6	4.9	4.9	9.1	5	-	5	-	-	-	-	-		-	-	-
SR4A	Cloudy	Calm	19:31	9.0	Surface	1.0	0.1	276	29.9	8.2	8.2	17.2	17.2	103.5	103.5	7.1	6.6	12.1	6	-	6	-	817179	807814	-	-	-			
						1.0	0.1	289	29.9	8.2	8.2	17.2	17.2	103.4	103.4	7.1	6.6	12.1	6	-	6	-	-	-	-	-		-		
					Middle	4.5	0.2	69	29.1	8.2	8.2	22.3	22.3	89.9	90.0	6.1	6.1	16.0	6	-	6	-	-	-	-	-		-	-	
						4.5	0.2	73	29.1	8.2	8.2	22.3	22.3	90.0	90.0	6.1	6.1	16.0	6	-	6	-	-	-	-	-		-	-	
					Bottom	8.0	0.2	73	28.8	8.2	8.2	25.5	25.5	86.6	86.7	5.8	5.8	25.7	6	-	6	-	-	-	-	-		-	-	-
						8.0	0.2	75	28.8	8.2	8.2	25.5	25.5	86.8	86.8	5.8	5.8	25.8	6	-	6	-	-	-	-	-		-	-	-
SR5A	Cloudy	Calm	19:48	5.4	Surface	1.0	0.1	149	29.9	8.1	8.1	19.0	19.0	105.5	105.5	7.2	7.2	11.1	5	-	5	-	816615	810687	-	-	-			
						1.0	0.1	149	29.9	8.1	8.1	19.0	19.0	105.5	105.5	7.2	7.2	11.1	6	-	6	-	-	-	-	-		-		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
					Bottom	4.4	0.1	69	29.9	8.1	8.1	19.2	19.2	105.5	105.4	7.2	7.2	11.1	7	-	7	-	-	-	-	-		-	-	-
						4.4	0.1	70	29.9	8.1	8.1	19.2	19.2	105.3	105.4	7.2	7.2	11.1	6	-	6	-	-	-	-	-		-	-	-
SR6	Cloudy	Calm	20:13	4.2	Surface	1.0	0.1	330	30.0	8.2	8.2	18.4	18.4	103.9	103.9	7.1	7.1	13.5	7	-	7	-	817890	814679	-	-	-			
						1.0	0.1	330	30.0	8.2	8.2	18.4	18.4	103.7	103.9	7.1	7.1	13.6	7	-	7	-	-	-	-	-		-		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
					Bottom	3.2	0.0	291	29.3	8.0	8.0	19.5	19.5	87.4	87.0	6.0	6.0	18.6	6	-	6	-	-	-	-	-		-	-	-
						3.2	0.0	317	29.4	8.0	8.0	19.5	19.5	87.4	87.0	6.0	6.0	18.6	5	-	5	-	-	-	-	-		-	-	-
SR7	Cloudy	Moderate	20:24	16.3	Surface	1.0	0.8	68	29.6	7.8	7.8	17.7	17.7	94.7	94.7	6.5	6.4	3.0	3	-	3	-	823623	823748	-	-	-			
						1.0	0.9	74	29.6	7.8	7.8	17.7	17.7	94.6	94.7	6.5	6.4	3.1	3	-	3	-	-	-	-	-		-		
					Middle	8.2	0.6	50	29.6	7.8	7.8	18.5	18.5	91.1	91.1	6.3	6.3	3.1	4	-	4	-	-	-	-	-		-	-	
						8.2	0.6	53	29.6	7.8	7.8	18.5	18.5	91.1	91.1	6.3	6.3	3.1	4	-	4	-	-	-	-	-		-	-	
					Bottom	15.3	0.5	33	28.7	7.8	7.8	25.5	25.5																	

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

Water Quality Monitoring

Water Quality Monitoring Results on 21 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA			
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	
C1	Cloudy	Moderate	14:06	8.7	Surface	1.0	0.5	37	29.7	8.2	8.2	17.9	17.9	110.6	110.7	7.6	7.3	11.7	16.0	7	8	77	79	815620	804268	<0.2	<0.2	2.2	2.1				
						1.0	0.5	39	29.7	8.2	8.2	17.9	17.9	110.7	110.7	7.6	7.3	11.7	16.0	7	8	77	79	<0.2	<0.2	2.0	2.1						
						4.4	0.3	28	29.4	8.2	8.2	20.0	19.9	101.8	101.9	7.0	7.0	13.2	13.3	7	8	78	79	<0.2	<0.2	2.1	2.1						
					Middle	4.4	0.4	30	29.4	8.2	8.2	19.9	19.9	101.9	101.9	7.0	7.0	13.3	13.3	8	8	79	81	<0.2	<0.2	2.2	2.2						
						7.7	0.2	19	28.6	8.2	8.2	26.7	26.7	86.4	86.5	5.8	5.8	23.1	23.1	8	8	81	81	<0.2	<0.2	2.1	2.1						
						7.7	0.3	19	28.6	8.2	8.2	26.7	26.7	86.5	86.5	5.8	5.8	23.1	23.1	8	8	81	81	<0.2	<0.2	2.1	2.1						
C2	Cloudy	Moderate	14:45	12.2	Surface	1.0	0.6	316	29.9	7.8	7.8	13.2	13.2	96.9	96.8	6.8	6.0	4.6	6.7	5	5	75	78	825699	806956	<0.2	<0.2	2.7	2.8				
						1.0	0.6	321	29.9	7.8	7.8	13.2	13.2	96.6	96.8	6.8	6.0	4.6	6.7	5	5	76	78	<0.2	<0.2	2.7	2.8						
						6.1	0.5	44	29.1	7.7	7.7	20.1	20.1	73.8	73.8	5.1	5.1	3.8	3.8	4	4	80	80	<0.2	<0.2	2.9	2.9						
					Middle	6.1	0.5	47	29.1	7.7	7.7	20.1	20.1	73.8	73.8	5.1	5.1	3.8	3.8	4	4	78	80	<0.2	<0.2	2.9	2.9						
						11.2	0.3	50	28.9	7.7	7.7	22.5	22.5	67.6	67.6	4.6	4.6	11.5	11.5	5	5	80	81	<0.2	<0.2	2.9	2.8						
						11.2	0.4	53	28.9	7.7	7.7	22.6	22.5	67.6	67.6	4.6	4.6	11.5	11.5	5	5	81	81	<0.2	<0.2	2.8	2.8						
C3	Cloudy	Moderate	12:38	11.6	Surface	1.0	0.5	297	29.2	7.7	7.7	17.6	17.6	86.1	86.1	6.0	5.8	4.2	5.2	5	5	77	80	822117	817827	<0.2	<0.2	2.7	2.5				
						1.0	0.5	305	29.2	7.7	7.7	17.6	17.6	86.1	86.1	6.0	5.8	4.3	5.2	6	5	77	80	<0.2	<0.2	2.4	2.5						
						5.8	0.7	272	29.0	7.7	7.7	20.4	20.4	79.4	79.5	5.5	5.5	4.5	4.4	5	5	80	79	<0.2	<0.2	2.5	2.5						
					Middle	5.8	0.7	286	29.0	7.7	7.7	20.4	20.4	79.5	79.5	5.5	5.5	4.4	5.2	5	5	79	82	<0.2	<0.2	2.5	2.4						
						10.6	0.7	288	28.9	7.8	7.8	23.3	23.3	80.1	80.2	5.4	5.4	6.9	7.0	5	5	82	82	<0.2	<0.2	2.4	2.4						
						10.6	0.7	296	28.9	7.8	7.8	23.3	23.3	80.3	80.2	5.4	5.4	7.0	7.0	5	5	82	82	<0.2	<0.2	2.4	2.4						
IM1	Cloudy	Calm	14:25	5.6	Surface	1.0	0.2	15	29.9	8.2	8.2	16.3	16.3	108.6	108.6	7.5	7.5	11.1	11.2	6	6	79	80	817934	807153	<0.2	<0.2	2.5	2.3				
						1.0	0.2	16	29.9	8.2	8.2	16.3	16.3	108.6	108.6	7.5	7.5	11.0	11.2	6	6	79	80	<0.2	<0.2	2.4	2.3						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	817934	807153	<0.2	<0.2	-	-
						4.6	0.1	339	29.8	8.2	8.2	17.1	17.1	107.4	107.4	7.4	7.4	11.4	11.4	6	6	80	81	<0.2	<0.2	2.2	2.1						
						4.6	0.1	312	29.8	8.2	8.2	17.1	17.1	107.4	107.4	7.4	7.4	11.4	11.4	6	6	81	81	<0.2	<0.2	2.1	2.1						
IM2	Cloudy	Moderate	14:31	7.5	Surface	1.0	0.3	21	29.7	8.2	8.2	16.4	16.4	108.0	108.0	7.5	7.3	10.5	11.4	6	6	78	81	818191	806147	<0.2	<0.2	2.5	2.6				
						1.0	0.3	22	29.7	8.2	8.2	16.4	16.4	107.9	108.0	7.5	7.3	10.5	11.4	6	6	79	81	<0.2	<0.2	2.8	2.6						
						3.8	0.3	3	29.6	8.2	8.2	17.8	17.8	103.0	103.0	7.1	7.1	11.2	11.3	6	6	81	82	<0.2	<0.2	2.4	2.4						
					Middle	3.8	0.3	3	29.6	8.2	8.2	17.8	17.8	103.0	103.0	7.1	7.1	11.3	11.3	6	6	81	82	<0.2	<0.2	3.0	3.0						
						6.5	0.3	335	29.6	8.2	8.2	18.3	18.3	102.9	103.0	7.1	7.1	12.3	12.4	6	6	82	83	<0.2	<0.2	2.9	2.2						
						6.5	0.3	336	29.6	8.2	8.2	18.3	18.3	103.0	103.0	7.1	7.1	12.4	12.4	6	6	83	83	<0.2	<0.2	2.2	2.2						
IM3	Cloudy	Moderate	14:39	7.7	Surface	1.0	0.4	27	29.7	8.1	8.1	15.6	15.6	104.7	104.7	7.3	7.0	11.4	12.8	7	7	78	81	818786	805589	<0.2	<0.2	2.8	2.6				
						1.0	0.4	29	29.7	8.1	8.1	15.6	15.6	104.7	104.7	7.3	7.0	11.4	12.8	7	7	79	81	<0.2	<0.2	2.6	2.6						
						3.9	0.3	359	29.3	8.1	8.1	17.7	17.7	95.9	95.9	6.7	6.7	11.6	11.7	7	7	81	81	<0.2	<0.2	2.6	2.6						
					Middle	3.9	0.3	330	29.3	8.1	8.1	17.7	17.7	95.9	95.9	6.7	6.7	11.7	11.7	6	6	81	83	<0.2	<0.2	2.6	2.7						
						6.7	0.3	3	29.0	8.2	8.2	20.8	20.9	93.1	93.1	6.4	6.4	15.4	15.5	7	7	83	83	<0.2	<0.2	2.7	2.5						
						6.7	0.3	3	29.0	8.2	8.2	21.0	21.0	93.1	93.1	6.4	6.4	15.5	15.5	8	8	83	83	<0.2	<0.2	2.5	2.5						
IM4	Cloudy	Moderate	14:49	7.8	Surface	1.0	0.4	31	29.9	8.2	8.2	14.9	14.9	109.7	109.7	7.7	7.1	11.3	12.1	6	7	78	81	819715	804625	<0.2	<0.2	2.6	2.7				
						1.0	0.4	32	29.9	8.2	8.2	14.9	14.9	109.6	109.7	7.7	7.1	11.3	12.1	6	7	79	81	<0.2	<0.2	2.8	2.8						
						3.9	0.5	354	29.2	8.2	8.2	18.9	18.8	92.8	92.8	6.4	6.4	11.2	11.2	6	6	81	81	<0.2	<0.2	2.6	2.6						
					Middle	3.9	0.6	326	29.2	8.2	8.2	18.8	18.8	92.7	92.8	6.4	6.4	11.2	11.2	6	6	81	81	<0.2	<0.2	2.6	2.8						
						6.8	0.4	4	28.8	8.2	8.2	22.6	22.3	89.1	89.2	6.1	6.1	13.9	13.9	8	8	83	84	<0.2	<0.2	2.8	2.6						
						6.8	0.5	4	28.8	8.2	8.2	21.9	22.3	89.2	89.2	6.1	6.1	13.9	13.9	7	7	84	84	<0.2	<0.2	2.6	2.6						
IM5	Cloudy	Moderate	14:56	7.2	Surface	1.0	0.2	20	29.9	8.2	8.2	16.5	16.5	107.2	107.1	7.4	6.9	10.9	13.2	7	6	79	82	820714	804853	<0.2	<0.2	2.6	2.6				
						1.0	0.2	20	29.9	8.2	8.2	16.5	16.5	107.0	107.1	7.4	6.9	11.0	11.0	6	6	79	82	<0.2	<0.2	2.7	2.5						
						3.6	0.4	10	29.2	8.2	8.2	20.7	20.7	93.9	93.9	6.4	6.4	11.7	11.7	5	5	81	82	<0.2	<0.2	2.5	2.5						
					Middle	3.6	0.4	10	29.2	8.2	8.2	20.7	20.7	93.9	93.9	6.4	6.4	11.8	11.8	5	5	82	84	<0.2	<0.2	2.5	2.5						
						6.2	0.3	9	28.8	8.2	8.2	24.3	24.3	88.3	88.3	6.0	6.0	16.7	16.8	5	5	84	84	<0.2	<0.2	2.7	2.5						
						6.2	0.4	9	28.8	8.2	8.2	24.3	24.3	88.3	88.3	6.0	6.0	16.8	16.8	6	6	84	84	<0.2	<0.2	2.5	2.5						
IM6	Cloudy	Moderate	14:17	6.7	Surface	1.0	0.2	38	29.5	7.9	7.9	17.5	17.5	89.8	89.8	6.2	6.2	9.9	13.4	5	6	78	81	821042	805829	<0.2	<0.2	2.6	2.6				
						1.0	0.2	38	29.5	7.9	7.9	17.5	17.5	89.8	89.8	6.2	6.2	10.3	12.7	6	6	79	81	<0.2	<0.2	2.6	2.6						
						3.4	0.2	1	29.5	7.9	7.9	17.7	17.7	89.4	89.4	6.2	6.2	12.7	13.5	6	6	81	83	<0.2	<0.2	2.5	2.5						
					Middle	3.4	0.2	1	29.4	7.9																							

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

Water Quality Monitoring

Water Quality Monitoring Results on 21 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
IM9	Cloudy	Moderate	13:56	7.2	Surface	1.0	0.5	313	29.6	29.6	7.8	7.8	15.8	15.8	90.0	90.1	6.3	6.0	5.4	10.1	6	15	76	78	822114	808837	<0.2	<0.2	2.5	2.5						
						1.0	0.5	332	29.6	29.6	7.8	7.8	15.8	15.8	90.1	90.1	6.3	6.0	5.3	10.1	5	15	76	78	822114	808837	<0.2	<0.2	2.4	2.4						
						3.6	0.4	305	29.1	29.1	7.7	7.7	17.0	16.9	81.4	81.5	5.7	5.6	11.1	10.8	18	20	79	78	822114	808837	<0.2	<0.2	2.6	2.5						
					Middle	3.6	0.4	335	29.1	29.1	7.7	7.7	16.9	16.9	81.5	81.5	5.7	5.6	10.8	10.8	20	21	78	78	822114	808837	<0.2	<0.2	2.4	2.4						
						6.2	0.4	319	29.1	29.1	7.7	7.7	17.1	17.1	80.6	80.6	5.6	5.6	14.0	14.0	21	21	80	81	822114	808837	<0.2	<0.2	2.4	2.4						
						6.2	0.4	329	29.1	29.1	7.7	7.7	17.1	17.1	80.6	80.6	5.6	5.6	14.0	14.0	21	21	81	81	822114	808837	<0.2	<0.2	2.5	2.5						
IM10	Cloudy	Moderate	13:49	7.5	Surface	1.0	0.7	280	29.4	29.4	7.7	7.7	16.4	16.4	87.8	87.8	6.1	6.0	4.8	7.7	8	8	77	79	822400	809774	<0.2	<0.2	2.5	2.5						
						1.0	0.7	305	29.4	29.4	7.7	7.7	16.4	16.4	87.7	87.7	6.1	6.0	4.8	7.7	8	8	77	79	822400	809774	<0.2	<0.2	2.4	2.4						
						3.8	0.5	291	29.2	29.2	7.7	7.7	16.9	16.9	84.2	84.2	5.9	5.9	5.3	5.3	8	7	79	79	822400	809774	<0.2	<0.2	2.5	2.5						
					Middle	3.8	0.5	295	29.2	29.2	7.7	7.7	16.9	16.9	84.2	84.2	5.9	5.9	5.3	5.3	7	7	79	79	822400	809774	<0.2	<0.2	2.5	2.5						
						6.5	0.4	262	29.0	29.0	7.7	7.7	19.5	19.5	76.7	76.7	5.3	5.3	13.0	13.0	8	8	82	82	822400	809774	<0.2	<0.2	2.4	2.4						
						6.5	0.5	281	29.0	29.0	7.7	7.7	19.5	19.5	76.8	76.8	5.3	5.3	13.0	13.0	7	7	81	81	822400	809774	<0.2	<0.2	2.5	2.5						
IM11	Cloudy	Moderate	13:38	7.4	Surface	1.0	0.6	322	29.4	29.4	7.8	7.8	16.4	16.4	91.2	91.2	6.4	6.3	4.8	6.5	7	6	78	79	822086	811437	<0.2	<0.2	2.4	2.4						
						1.0	0.6	327	29.4	29.4	7.8	7.8	16.4	16.4	91.1	91.1	6.4	6.3	4.7	6.5	6	6	77	79	822086	811437	<0.2	<0.2	2.4	2.4						
						3.7	0.6	316	29.3	29.3	7.8	7.8	16.6	16.6	88.5	88.5	6.2	6.2	4.7	6.5	6	6	79	79	822086	811437	<0.2	<0.2	2.2	2.2						
					Middle	3.7	0.6	333	29.3	29.3	7.8	7.8	16.6	16.6	88.4	88.5	6.2	6.2	4.7	6.5	6	6	79	79	822086	811437	<0.2	<0.2	2.4	2.4						
						6.4	0.4	283	29.1	29.1	7.8	7.8	19.6	19.6	81.5	81.5	5.6	5.6	10.1	10.1	6	6	81	81	822086	811437	<0.2	<0.2	2.5	2.5						
						6.4	0.5	286	29.1	29.1	7.8	7.8	19.6	19.6	81.5	81.5	5.6	5.6	10.1	10.1	7	7	82	82	822086	811437	<0.2	<0.2	2.5	2.5						
IM12	Cloudy	Moderate	13:16	8.8	Surface	1.0	0.7	280	29.6	29.6	7.7	7.7	16.3	16.3	94.9	94.9	6.6	6.4	4.5	9.5	8	8	77	79	821461	812059	<0.2	<0.2	2.5	2.4						
						1.0	0.7	289	29.6	29.6	7.7	7.7	16.3	16.3	94.9	94.9	6.6	6.4	4.7	9.5	8	8	78	79	821461	812059	<0.2	<0.2	2.4	2.4						
						4.4	0.6	273	29.3	29.3	7.7	7.7	18.5	18.5	89.9	90.0	6.2	6.2	5.4	5.3	7	7	79	79	821461	812059	<0.2	<0.2	2.5	2.5						
					Middle	4.4	0.7	278	29.3	29.3	7.7	7.7	18.4	18.5	90.0	90.0	6.2	6.2	5.3	5.3	7	7	78	79	821461	812059	<0.2	<0.2	2.6	2.6						
						7.8	0.3	233	28.8	28.8	7.7	7.7	23.0	23.0	71.4	71.5	4.9	4.9	18.5	18.5	8	8	81	81	821461	812059	<0.2	<0.2	2.3	2.3						
						7.8	0.4	241	28.8	28.8	7.7	7.7	23.0	23.0	71.6	71.5	4.9	4.9	18.6	18.6	8	8	81	81	821461	812059	<0.2	<0.2	2.3	2.3						
SR2	Cloudy	Moderate	12:59	4.7	Surface	1.0	0.2	69	29.7	29.7	7.7	7.7	16.5	16.5	92.4	92.4	6.4	6.4	3.9	5.3	6	6	79	80	821488	814182	<0.2	<0.2	2.5	2.1						
						1.0	0.2	74	29.7	29.7	7.7	7.7	16.5	16.5	92.3	92.4	6.4	6.4	4.0	5.3	6	6	78	78	821488	814182	<0.2	<0.2	2.5	2.1						
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bottom	3.7	0.2	44	29.3	29.3	7.8	7.8	18.7	18.8	84.3	84.3	5.8	5.8	6.6	6.6	6	6	82	82	82	82	821488	814182	<0.2	<0.2	2.7	2.7									
	3.7	0.3	47	29.3	29.3	7.8	7.8	18.8	18.8	84.2	84.3	5.8	5.8	6.7	6.7	5	5	82	82	82	82	821488	814182	<0.2	<0.2	2.7	2.7									
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
SR3	Cloudy	Moderate	14:28	8.6	Surface	1.0	0.5	183	29.6	29.6	7.7	7.7	15.5	15.5	93.2	93.2	6.5	6.3	4.4	6.9	7	9	-	-	822121	807569	-	-	-	-						
						1.0	0.5	190	29.6	29.6	7.7	7.7	15.5	15.5	93.2	93.2	6.5	6.3	4.4	6.9	6	9	-	-	-	-	822121	807569	-	-	-	-				
						4.3	0.2	209	29.4	29.4	7.7	7.7	16.3	16.3	86.1	86.1	6.0	6.0	7.6	7.3	10	10	-	-	-	-	822121	807569	-	-	-	-				
					Middle	4.3	0.2	228	29.4	29.4	7.7	7.7	16.3	16.3	86.0	86.0	6.0	6.0	7.3	7.3	10	10	-	-	-	-	822121	807569	-	-	-	-				
						7.6	0.2	216	29.2	29.2	7.7	7.7	18.7	18.7	77.7	77.9	5.4	5.4	8.8	8.8	11	11	-	-	-	-	822121	807569	-	-	-	-				
						7.6	0.2	232	29.2	29.2	7.7	7.7	18.7	18.7	78.0	78.0	5.4	5.4	9.1	9.1	12	12	-	-	-	-	822121	807569	-	-	-	-				
SR4A	Cloudy	Calm	13:44	8.9	Surface	1.0	0.2	255	29.7	29.7	8.1	8.1	19.2	19.2	101.2	101.2	6.9	6.7	12.3	15.0	12	11	-	-	817190	807812	-	-	-	-						
						1.0	0.2	270	29.7	29.7	8.1	8.1	19.2	19.2	101.2	101.2	6.9	6.7	12.3	15.0	10	11	-	-	-	-	817190	807812	-	-	-	-				
						4.5	0.2	258	29.6	29.6	8.1	8.1	19.7	19.7	95.8	95.8	6.6	6.6	13.1	13.1	10	11	-	-	-	-	817190	807812	-	-	-	-				
					Middle	4.5	0.2	267	29.6	29.6	8.1	8.1	19.7	19.7	95.8	95.8	6.5	6.5	13.1	13.1	11	11	-	-	-	-	817190	807812	-	-	-	-				
						7.9	0.1	252	28.8	28.8	8.2	8.2	25.3	25.3	86.2	86.2	5.8	5.8	19.4	19.4	12	12	-	-	-	-	817190	807812	-	-	-	-				
						7.9	0.2	273	28.8	28.8	8.2	8.2	25.3	25.3	86.2	86.2	5.8	5.8	19.5	19.5	11	11	-	-	-	-	817190	807812	-	-	-	-				
SR5A	Cloudy	Calm	13:28	5.0	Surface	1.0	0.1	279	29.5	29.5	8.1	8.1	19.6	19.6	98.6	98.7	6.8	6.8	12.2	13.2	10	11	-	-	816617	810724	-	-	-	-						
						1.0	0.1	282	29.5	29.5	8.1	8.1	19.6	19.6	98.8	98.8	6.8	6.8	12.																	

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

Water Quality Monitoring

Water Quality Monitoring Results on 26 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	
									Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value			Value	Value	Value	Value	Value	Value	Value
C1	Cloudy	Moderate	12:34	8.5	Surface	1.0	0.7	210	29.6	8.2	8.2	13.3	13.3	97.4	97.2	6.9	6.2	14.2	18.0	6	7	77	80	80	815610	804227	<0.2	2.4	2.5				
						1.0	0.8	212	29.6	8.2	8.2	13.3	13.3	96.9	97.2	6.9	6.2	14.3	18.0	7	7	77	80	80	815610	804227	<0.2	2.5					
					Middle	4.3	0.8	215	28.7	8.1	8.1	21.3	21.3	78.2	78.2	5.4	5.5	19.3	18.0	5	7	80	80	80	815610	804227	<0.2	2.5					
						4.3	0.8	236	28.7	8.1	8.1	21.3	21.3	78.2	78.2	5.4	5.5	19.4	18.0	7	7	80	80	80	815610	804227	<0.2	2.4					
					Bottom	7.5	0.7	224	28.2	8.1	8.1	26.1	26.1	71.2	71.2	4.8	4.8	20.2	18.0	8	8	82	82	82	815610	804227	<0.2	2.5					
						7.5	0.7	229	28.2	8.1	8.1	26.1	26.1	71.2	71.2	4.8	4.8	20.6	18.0	8	8	82	82	82	815610	804227	<0.2	2.5					
C2	Fine	Moderate	13:39	11.0	Surface	1.0	0.5	174	29.5	8.0	8.0	14.4	14.5	83.5	83.5	5.9	5.5	11.4	15.9	5	5	78	80	80	825675	806932	<0.2	3.5	3.3				
						1.0	0.6	186	29.5	8.0	8.0	14.6	14.5	83.5	83.5	5.9	5.5	11.4	15.9	5	5	78	80	80	825675	806932	<0.2	3.1					
					Middle	5.5	0.9	139	28.8	8.1	8.1	22.0	22.0	75.1	75.2	5.1	5.1	16.1	15.9	5	5	80	80	80	825675	806932	<0.2	3.2					
						5.5	0.9	140	28.8	8.1	8.1	22.0	22.0	75.2	75.2	5.1	5.1	16.1	15.9	6	5	80	80	80	825675	806932	<0.2	3.4					
					Bottom	10.0	0.6	99	28.8	8.1	8.1	23.0	23.0	75.2	75.2	5.1	5.1	20.0	15.9	6	5	82	82	82	825675	806932	<0.2	3.2					
						10.0	0.6	108	28.8	8.1	8.1	23.0	23.0	75.3	75.3	5.1	5.1	20.1	15.9	5	5	82	82	82	825675	806932	<0.2	3.2					
C3	Cloudy	Moderate	11:26	12.1	Surface	1.0	0.5	117	28.7	8.1	8.1	21.3	21.3	84.6	84.6	5.8	5.7	10.8	11.1	7	7	78	80	80	822090	817817	<0.2	1.6	1.7				
						1.0	0.6	125	28.7	8.1	8.1	21.3	21.3	84.6	84.6	5.8	5.7	10.8	11.1	8	7	78	80	80	822090	817817	<0.2	1.7					
					Middle	6.1	0.2	73	28.6	8.1	8.1	22.9	22.9	81.9	81.9	5.6	5.6	11.1	11.1	7	7	80	80	80	822090	817817	<0.2	1.7					
						6.1	0.2	73	28.6	8.1	8.1	22.9	22.9	81.8	81.8	5.6	5.6	11.1	11.1	7	7	80	80	80	822090	817817	<0.2	1.7					
					Bottom	11.1	0.5	38	28.5	8.1	8.1	23.5	23.5	80.5	80.5	5.5	5.5	11.3	11.1	7	7	82	82	82	822090	817817	<0.2	1.8					
						11.1	0.5	38	28.5	8.1	8.1	23.5	23.5	80.5	80.5	5.5	5.5	11.3	11.1	6	7	82	82	82	822090	817817	<0.2	1.8					
IM1	Rainy	Moderate	13:00	4.4	Surface	1.0	0.2	313	29.5	8.1	8.1	17.0	17.0	97.6	97.5	6.8	6.8	12.2	15.2	6	6	77	79	79	817923	807102	<0.2	2.3	2.4				
						1.0	0.2	342	29.5	8.1	8.1	17.0	17.0	97.4	97.5	6.8	6.8	12.2	15.2	5	6	77	79	79	817923	807102	<0.2	2.2					
					Middle	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
						2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
					Bottom	3.4	0.1	339	28.3	8.0	8.0	24.9	25.0	73.1	74.4	5.0	5.1	18.2	15.2	6	6	80	80	80	817923	807102	<0.2	2.4					
						3.4	0.1	352	28.4	8.0	8.0	25.1	25.0	75.7	74.4	5.1	5.1	18.2	15.2	5	6	80	80	80	817923	807102	<0.2	2.5					
IM2	Rainy	Moderate	13:08	6.8	Surface	1.0	0.9	188	29.1	8.2	8.2	16.7	16.7	91.6	91.5	6.4	5.8	18.8	19.7	10	11	77	80	80	818147	806180	<0.2	2.3	2.3				
						1.0	1.0	190	29.1	8.2	8.2	16.7	16.7	91.3	91.5	6.4	5.8	18.7	19.7	10	11	77	80	80	818147	806180	<0.2	2.3					
					Middle	3.4	0.7	183	28.7	8.1	8.1	19.6	19.6	75.2	75.2	5.2	5.2	19.9	19.7	10	11	80	80	80	818147	806180	<0.2	2.4					
						3.4	0.7	191	28.7	8.1	8.1	19.6	19.6	75.1	75.2	5.2	5.2	19.9	19.7	11	11	80	80	80	818147	806180	<0.2	2.2					
					Bottom	5.8	0.4	188	28.2	8.1	8.1	25.8	25.8	71.7	71.8	4.8	4.9	20.4	19.7	11	11	82	82	82	818147	806180	<0.2	2.3					
						5.8	0.5	199	28.2	8.1	8.1	25.8	25.8	71.8	71.8	4.9	4.9	20.4	19.7	11	11	82	82	82	818147	806180	<0.2	2.4					
IM3	Cloudy	Moderate	13:17	6.9	Surface	1.0	0.6	229	29.4	8.1	8.1	15.3	15.3	95.3	95.3	6.7	6.5	15.1	18.0	6	6	78	80	80	818797	805584	<0.2	2.4	2.4				
						1.0	0.7	235	29.4	8.1	8.1	15.3	15.3	95.2	95.3	6.7	6.5	15.1	18.0	5	6	77	80	80	818797	805584	<0.2	2.4					
					Middle	3.5	0.7	233	29.2	8.1	8.1	16.4	16.4	90.0	90.0	6.3	6.3	19.1	18.0	6	6	80	80	80	818797	805584	<0.2	2.4					
						3.5	0.8	234	29.2	8.1	8.1	16.4	16.4	90.0	90.0	6.3	6.3	19.3	18.0	5	6	80	80	80	818797	805584	<0.2	2.5					
					Bottom	5.9	0.6	230	28.8	8.0	8.0	19.9	19.9	81.2	81.8	5.6	5.7	19.5	18.0	6	6	82	82	82	818797	805584	<0.2	2.4					
						5.9	0.7	236	28.8	8.0	8.0	19.9	19.9	82.4	81.8	5.7	5.7	19.7	18.0	6	6	82	82	82	818797	805584	<0.2	2.4					
IM4	Cloudy	Moderate	13:25	7.0	Surface	1.0	1.1	216	29.5	8.1	8.1	11.6	11.6	101.1	101.1	7.2	6.9	13.4	14.5	6	6	77	80	80	819695	804593	<0.2	2.5	2.4				
						1.0	1.2	218	29.5	8.1	8.1	11.6	11.6	101.1	101.1	7.2	6.9	13.4	14.5	5	6	77	80	80	819695	804593	<0.2	2.4					
					Middle	3.5	1.0	216	29.4	8.0	8.0	14.7	14.4	93.6	93.6	6.6	6.6	14.7	14.5	6	6	80	80	80	819695	804593	<0.2	2.4					
						3.5	1.0	230	29.4	8.0	8.0	14.2	14.4	93.5	93.6	6.6	6.6	14.8	14.5	5	6	80	80	80	819695	804593	<0.2	2.4					
					Bottom	6.0	0.8	219	29.0	8.0	8.0	18.0	17.9	83.1	83.4	5.8	5.8	15.3	14.5	6	6	82	82	82	819695	804593	<0.2	2.5					
						6.0	0.8	239	29.0	8.0	8.0	17.8	17.9	83.7	83.4	5.8	5.8	15.1	14.5	6	6	82	82	82	819695	804593	<0.2	2.3					
IM5	Cloudy	Moderate	13:35	6.2	Surface	1.0	0.9	222	29.4	8.0	8.0	12.5	12.5	94.0	94.0	6.7	6.3	16.6	17.6	5	7	77	80	80	820739	804856	<0.2	2.2	2.6				
						1.0	1.0	241	29.4	8.0	8.0	12.5	12.5	94.0	94.0	6.7	6.3	16.7	17.6	6	7	77	80	80	820739	804856	<0.2	2.6					
					Middle	3.1	0.7	233	29.1	8.0	8.0	17.7	17.8	83.8	83.8	5.8	5.8	16.3	17.6	8	7	80	80	80	820739	804856	<0.2	2.5					
						3.1	0.7	248	29.1	8.0	8.0	17.8	17.8	83.8	83.8	5.8	5.8	16.9	17.6	8	7	80	80	80	820739	804856	<0.2	2.6					
					Bottom	5.2	0.5	235	29.0	8.0	8.0	18.4	18.4	81.4	81.5	5.7	5.7	19.2	17.6	6	7	82	82	82	820739	804856	<0.2	2.9					
						5.2	0.5	256	29.0	8.0	8.0	18.4	18.4	81.5	81.5	5.7	5.7	19.9	17.6	7	7	82	82	82	820739	804856	<0.2	3.0					
IM6	Cloudy	Moderate	13:41	6.0	Surface	1.0	0.6	208	29.7	8.0	8.0	12.2	12.2	97.3	97.3	6.9																	

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

Water Quality Monitoring

Water Quality Monitoring Results on 26 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
IM9	Fine	Moderate	12:58	6.5	Surface	1.0	0.3	146	29.9	29.9	8.0	8.0	12.3	12.6	89.5	89.4	6.3	5.8	10.8	14.8	5	5	78	80	822100	808800	<0.2	<0.2	3.2	3.3		
						1.0	0.3	159	29.9	29.9	8.0	8.0	12.9	12.6	89.3	89.4	6.3	5.8	10.9	14.8	4	5	79	80	<0.2	<0.2	3.4	3.3				
						3.3	0.3	137	28.8	28.8	8.1	8.1	22.3	22.3	76.7	76.7	5.2	5.2	16.8	16.8	5	5	80	81	<0.2	<0.2	3.8	3.3				
					3.3	0.4	142	28.8	28.8	8.1	8.1	22.3	22.3	76.7	76.7	5.2	5.2	16.9	16.8	6	5	81	81	<0.2	<0.2	3.1	3.3					
					5.5	0.4	108	28.8	28.8	8.1	8.1	22.9	22.9	78.4	78.5	5.3	5.4	16.8	16.8	4	5	82	82	<0.2	<0.2	3.1	3.3					
					5.5	0.4	115	28.8	28.8	8.1	8.1	22.9	22.9	78.6	78.5	5.4	5.4	16.6	16.6	5	5	82	82	<0.2	<0.2	3.0	3.3					
IM10	Fine	Moderate	12:52	7.3	Surface	1.0	0.5	166	29.9	29.9	8.1	8.1	11.5	11.5	86.5	86.4	6.2	5.8	12.4	15.2	5	5	78	80	822409	809768	<0.2	<0.2	2.8	3.3		
						1.0	0.6	177	29.9	29.9	8.1	8.1	11.5	11.5	86.2	86.4	6.1	5.8	12.5	15.2	6	5	79	80	<0.2	<0.2	3.1	3.3				
						3.7	0.5	149	28.9	28.9	8.1	8.1	19.0	19.0	79.6	79.6	5.5	5.5	16.9	16.9	4	5	80	80	<0.2	<0.2	3.1	3.3				
					3.7	0.5	149	28.9	28.9	8.1	8.1	19.0	19.0	79.6	79.6	5.5	5.5	16.9	16.9	4	5	80	80	<0.2	<0.2	3.4	3.3					
					6.3	0.4	112	28.8	28.8	8.1	8.1	21.8	21.8	81.4	81.4	5.6	5.6	16.3	16.3	4	5	82	82	<0.2	<0.2	3.3	3.3					
					6.3	0.4	122	28.8	28.8	8.1	8.1	21.9	21.9	81.6	81.5	5.6	5.6	16.3	16.3	4	5	82	82	<0.2	<0.2	3.6	3.3					
IM11	Cloudy	Moderate	12:40	7.2	Surface	1.0	0.7	107	29.2	29.2	8.1	8.1	14.6	14.6	92.0	92.0	6.5	6.2	10.3	13.4	4	5	79	81	822042	811449	<0.2	<0.2	2.6	3.1		
						1.0	0.8	108	29.2	29.2	8.1	8.1	14.6	14.6	91.9	92.0	6.5	6.2	10.3	13.4	5	5	79	80	<0.2	<0.2	2.8	3.1				
						3.6	0.7	111	28.9	28.9	8.0	8.0	17.1	17.1	83.6	83.6	5.9	5.9	13.6	13.6	5	5	80	81	<0.2	<0.2	4.0	3.1				
					3.6	0.7	115	28.9	28.9	8.0	8.0	17.1	17.1	83.6	83.6	5.9	5.9	13.7	13.7	4	5	81	81	<0.2	<0.2	3.4	3.1					
					6.2	0.4	100	28.9	28.9	8.1	8.1	19.7	19.7	84.4	84.6	5.8	5.9	16.4	16.4	4	5	82	82	<0.2	<0.2	2.8	3.1					
					6.2	0.5	101	28.9	28.9	8.0	8.0	19.6	19.6	84.8	84.6	5.9	5.9	16.0	16.0	6	5	82	82	<0.2	<0.2	3.1	3.1					
IM12	Cloudy	Moderate	12:31	7.8	Surface	1.0	0.6	141	29.3	29.3	8.1	8.1	13.7	13.7	98.9	98.9	7.0	6.8	10.3	17.0	6	6	78	80	821465	812044	<0.2	<0.2	3.6	3.0		
						1.0	0.6	153	29.3	29.3	8.1	8.1	13.7	13.7	98.8	98.9	7.0	6.8	10.3	17.0	6	6	78	80	<0.2	<0.2	3.6	3.0				
						3.9	0.6	135	29.1	29.1	8.1	8.1	14.9	14.9	91.9	91.8	6.5	6.5	13.7	13.8	5	6	80	81	<0.2	<0.2	2.7	3.0				
					3.9	0.6	138	29.1	29.1	8.1	8.1	14.9	14.9	91.7	91.8	6.5	6.5	13.8	13.8	6	6	81	81	<0.2	<0.2	2.7	3.0					
					6.8	0.6	106	28.9	28.9	8.1	8.1	18.3	18.3	85.4	85.5	6.0	6.0	26.8	27.0	6	6	82	82	<0.2	<0.2	2.7	3.0					
					6.8	0.6	106	28.9	28.9	8.1	8.1	18.3	18.3	85.5	85.5	6.0	6.0	27.0	27.0	5	6	82	82	<0.2	<0.2	2.9	3.0					
SR2	Cloudy	Moderate	11:57	3.6	Surface	1.0	0.5	90	29.0	29.0	8.1	8.1	16.1	16.1	91.0	91.0	6.4	6.4	12.0	12.9	5	6	79	80	821455	814184	<0.2	<0.2	2.4	2.4		
						1.0	0.5	95	29.0	29.0	8.1	8.1	16.1	16.1	91.0	91.0	6.4	6.4	12.0	12.9	5	6	79	80	<0.2	<0.2	2.2	2.4				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	80	-	-	-	-	-	-	-
					2.6	0.2	73	28.9	28.9	8.1	8.1	17.5	17.5	91.5	91.6	6.4	6.4	13.8	13.8	7	6	80	80	<0.2	<0.2	2.5	2.4					
					2.6	0.2	77	28.9	28.9	8.1	8.1	17.5	17.5	91.6	91.6	6.4	6.4	13.8	13.8	7	6	80	80	<0.2	<0.2	2.3	2.4					
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR3	Fine	Moderate	13:07	8.4	Surface	1.0	0.4	170	29.9	29.9	8.0	8.0	11.7	11.7	88.0	87.8	6.3	5.7	10.8	13.8	5	5	-	-	822173	807597	-	-	-	-		
						1.0	0.4	175	29.9	29.9	8.0	8.0	11.7	11.7	87.6	87.8	6.2	5.7	10.8	13.8	5	5	-	-	-	-	-	-	-	-	-	-
						4.2	0.2	113	28.8	28.8	8.1	8.1	21.6	21.6	76.4	76.4	5.2	5.2	15.1	15.1	6	5	-	-	-	-	-	-	-	-	-	-
					4.2	0.2	122	28.8	28.8	8.1	8.1	21.6	21.6	76.4	76.4	5.2	5.2	15.1	15.1	5	5	-	-	-	-	-	-	-	-	-	-	-
					7.4	0.3	91	28.8	28.8	8.0	8.0	23.1	23.1	79.4	79.5	5.4	5.4	15.7	15.7	4	5	-	-	-	-	-	-	-	-	-	-	-
					7.4	0.4	95	28.8	28.8	8.0	8.0	23.1	23.1	79.6	79.6	5.4	5.4	15.5	15.5	5	5	-	-	-	-	-	-	-	-	-	-	-
SR4A	Cloudy	Moderate	12:15	8.8	Surface	1.0	0.1	255	28.9	28.9	8.1	8.1	16.2	16.2	83.9	83.7	5.9	5.5	15.2	19.3	5	6	-	-	817162	807837	-	-	-	-		
						1.0	0.1	278	28.9	28.9	8.1	8.1	16.2	16.2	83.4	83.4	5.9	5.5	15.4	19.3	6	6	-	-	-	-	-	-	-	-	-	-
						4.4	0.1	79	28.4	28.4	8.1	8.1	23.6	23.6	73.4	73.4	5.0	5.0	21.0	21.0	5	6	-	-	-	-	-	-	-	-	-	-
					4.4	0.1	84	28.4	28.4	8.1	8.1	23.5	23.5	73.3	73.3	5.0	5.0	21.1	21.1	6	6	-	-	-	-	-	-	-	-	-	-	-
					7.8	0.2	58	28.2	28.2	8.1	8.1	25.7	25.7	71.9	72.2	4.9	4.9	21.5	21.5	5	6	-	-	-	-	-	-	-	-	-	-	-
					7.8	0.2	58	28.2	28.2	8.1	8.1	25.7	25.7	72.4	72.4	4.9	4.9	21.6	21.6	6	6	-	-	-	-	-	-	-	-	-	-	-
SR5A	Cloudy	Moderate	11:57	5.0	Surface	1.0	0.1	64	29.5	29.5	8.1	8.1	17.1	17.1	103.0	103.0	7.2	7.2	10.9	14.1	4	4	-	-	816604	810693	-	-	-	-		
						1.0	0.1	64	29.5	29.5	8.1	8.1	17.1	17.1	102.9	102.9	7.2	7.2	10.9	14.1	3	4	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					4.0	0.0	193	28.9	28.9	8.0	8.0	19.4	19.4	81.7	81.7	5.7	5.7	17.2	17.2	5	5	-	-	-	-	-	-	-	-	-	-	
					4.0	0.0	208	28.9	28.9	8.0	8.0	19.4	19.4	81.7	81.7	5.7	5.7	17.2	17.2	4	5	-	-	-	-	-	-	-	-	-	-	
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR6	Cloudy	Moderate	11:26	4.7	Surface	1.0	0.2	70	29.2	29.2	8.0	8.0	18.6	18.6	91.4	91.4	6.3	6.3	12.5	14.6	8	7	-	-	817913	814689	-	-	-	-		
						1.0	0.2	71	29.2	29.2	8.0	8.0	18.6	18.6	91.3	91.4	6.3	6.3	12.6	14.												

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

Water Quality Monitoring

Water Quality Monitoring Results on 26 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA			
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA	
C1	Sunny	Moderate	18:31	8.4	Surface	1.0	0.6	40	29.7	29.7	8.1	8.1	14.5	14.5	97.5	97.3	6.8	6.4	15.8	18.9	5	6	78	80	80	815646	804249	<0.2	<0.2	2.5	2.5				
						1.0	0.6	42	29.7	8.1	8.1	14.5	14.5	97.0	97.3	6.8	6.4	16.0	18.9	6	6	78	80	<0.2				<0.2	2.4	2.4					
						4.2	0.3	51	29.4	8.0	8.0	15.4	15.4	85.3	85.0	6.0	6.0	19.6	18.9	7	6	80	81	<0.2				<0.2	2.5	2.5					
					4.2	0.4	54	29.3	8.0	8.0	15.4	15.4	84.6	85.0	6.0	6.0	19.2	18.9	6	6	81	81	<0.2	<0.2				2.6	2.6						
					7.4	0.3	34	28.6	8.0	8.0	21.9	21.9	72.9	73.1	5.0	5.0	21.8	20.0	6	6	82	82	<0.2	<0.2				2.5	2.5						
					7.4	0.3	35	28.6	8.0	8.0	21.9	21.9	72.2	73.1	5.0	5.0	21.0	20.0	6	6	82	82	<0.2	<0.2				2.5	2.5						
C2	Fine	Rough	17:20	10.4	Surface	1.0	0.5	201	29.4	29.4	7.9	7.9	10.4	10.4	81.3	81.3	5.9	5.6	13.5	15.8	8	8	75	76	76	825656	806915	<0.2	<0.2	3.7	3.5				
						1.0	0.6	201	29.4	7.9	7.9	10.4	10.4	81.2	81.3	5.9	5.6	13.5	15.8	8	8	75	76	<0.2				<0.2	3.6	3.5					
						5.2	0.5	196	29.1	8.0	8.0	16.9	16.8	73.6	73.7	5.2	5.2	15.4	15.3	8	8	76	76	<0.2				<0.2	3.5	3.5					
					5.2	0.5	213	29.1	8.0	8.0	16.8	16.8	73.7	73.7	5.2	5.2	15.3	15.3	8	8	76	76	<0.2	<0.2				3.5	3.5						
					9.4	0.1	284	28.9	8.0	8.0	19.8	19.8	72.7	72.8	5.0	5.0	18.5	18.5	9	7	78	78	<0.2	<0.2				3.4	3.4						
					9.4	0.1	312	28.9	8.0	8.0	19.9	19.8	72.8	72.8	5.0	5.0	18.6	18.6	7	7	78	78	<0.2	<0.2				3.4	3.4						
C3	Fine	Moderate	19:23	12.5	Surface	1.0	0.3	244	28.8	28.8	8.1	8.1	21.1	21.1	83.3	83.3	5.7	5.5	10.0	13.6	4	5	79	81	81	822124	817781	<0.2	<0.2	1.8	1.9				
						1.0	0.3	252	28.8	8.1	8.1	21.1	21.1	83.2	83.3	5.7	5.5	10.1	13.6	5	5	79	81	<0.2				<0.2	1.8	1.8					
						6.3	0.5	242	28.5	8.1	8.1	23.6	23.6	77.4	77.3	5.3	5.3	12.1	12.2	6	5	81	81	<0.2				<0.2	1.9	1.9					
					6.3	0.5	261	28.5	8.1	8.1	23.6	23.6	77.2	77.3	5.3	5.3	12.2	12.2	5	5	81	81	<0.2	<0.2				1.8	1.8						
					11.5	0.3	295	28.0	8.1	8.1	26.8	26.8	75.0	75.1	5.1	5.1	18.4	18.4	5	5	82	82	<0.2	<0.2				1.8	1.8						
					11.5	0.3	310	28.0	8.1	8.1	26.8	26.8	75.2	75.1	5.1	5.1	18.5	18.5	7	7	82	82	<0.2	<0.2				1.9	1.9						
IM1	Sunny	Moderate	18:10	4.5	Surface	1.0	0.2	13	29.5	29.5	8.2	8.2	17.7	17.7	98.4	98.4	6.8	6.8	18.2	20.0	10	11	78	80	80	817956	807110	<0.2	<0.2	3.4	3.2				
						1.0	0.2	13	29.5	8.2	8.2	17.7	17.7	98.3	98.4	6.8	6.8	18.6	18.6	10	11	78	80	<0.2				<0.2	3.2	3.2					
						2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-
					2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-	-	-	-	-
					3.5	0.2	26	29.3	8.1	8.1	19.5	19.5	90.9	90.9	6.3	6.3	21.5	21.5	11	11	81	81	<0.2	<0.2				3.2	3.2						
					3.5	0.2	26	29.3	8.1	8.1	19.5	19.5	90.8	90.9	6.2	6.3	21.8	21.8	13	13	81	81	<0.2	<0.2				3.3	3.3						
IM2	Sunny	Moderate	18:02	6.8	Surface	1.0	0.2	325	29.5	29.5	8.1	8.1	15.4	15.4	98.2	98.2	6.9	6.8	16.3	18.3	8	10	78	81	81	818172	806155	<0.2	<0.2	3.4	3.4				
						1.0	0.2	351	29.5	8.1	8.1	15.4	15.4	98.2	98.2	6.9	6.8	16.3	18.3	8	10	78	81	<0.2				<0.2	3.4	3.4					
						3.4	0.4	332	29.4	8.2	8.2	18.6	18.6	97.5	97.5	6.7	6.7	19.1	19.3	9	11	81	81	<0.2				<0.2	3.4	3.4					
					3.4	0.4	305	29.4	8.2	8.2	18.6	18.6	97.5	97.5	6.7	6.7	19.3	19.3	11	11	81	81	<0.2	<0.2				3.4	3.4						
					5.8	0.4	330	29.0	8.1	8.1	20.1	20.1	91.1	91.1	6.3	6.3	19.2	19.2	11	11	82	83	<0.2	<0.2				3.4	3.4						
					5.8	0.5	355	29.0	8.1	8.1	20.1	20.1	91.1	91.1	6.3	6.3	19.5	19.5	10	10	83	83	<0.2	<0.2				3.5	3.5						
IM3	Sunny	Moderate	17:55	6.9	Surface	1.0	0.2	295	29.6	29.6	8.0	8.0	13.1	13.1	90.5	90.5	6.4	6.3	18.5	19.5	7	7	78	81	81	818762	805595	<0.2	<0.2	3.6	3.5				
						1.0	0.2	322	29.6	8.0	8.0	13.1	13.1	90.5	90.5	6.4	6.3	18.5	19.5	7	7	78	81	<0.2				<0.2	3.6	3.6					
						3.5	0.3	7	29.1	8.1	8.1	16.5	16.5	86.5	86.5	6.1	6.1	19.7	19.5	7	7	81	81	<0.2				<0.2	3.4	3.4					
					3.5	0.3	7	29.1	8.1	8.1	16.5	16.5	86.5	86.5	6.1	6.1	19.5	19.5	8	8	81	81	<0.2	<0.2				3.4	3.4						
					5.9	0.4	10	29.1	8.1	8.1	19.0	19.0	85.3	85.4	5.9	5.9	20.1	20.1	8	8	82	83	<0.2	<0.2				3.4	3.4						
					5.9	0.4	10	29.1	8.1	8.1	19.1	19.1	85.4	85.4	5.9	5.9	20.8	20.8	7	7	83	83	<0.2	<0.2				3.4	3.4						
IM4	Sunny	Moderate	17:44	7.0	Surface	1.0	0.3	289	29.6	29.6	7.9	7.9	12.4	12.4	89.5	89.5	6.4	6.2	17.8	19.3	10	10	78	81	81	819705	804589	<0.2	<0.2	3.6	3.7				
						1.0	0.3	304	29.6	7.9	7.9	12.4	12.4	89.5	89.5	6.4	6.2	17.8	19.3	9	10	79	81	<0.2				<0.2	3.6	3.6					
						3.5	0.3	319	29.4	7.9	7.9	14.9	14.9	85.4	85.4	6.0	6.0	19.6	19.7	10	11	81	81	<0.2				<0.2	3.8	3.8					
					3.5	0.3	326	29.4	7.9	7.9	14.9	14.9	85.4	85.4	6.0	6.0	19.7	19.7	11	11	81	81	<0.2	<0.2				3.8	3.8						
					6.0	0.2	324	29.1	7.9	7.9	16.7	16.7	81.7	81.7	5.7	5.7	20.7	20.7	11	11	83	83	<0.2	<0.2				3.6	3.6						
					6.0	0.2	336	29.1	7.9	7.9	16.7	16.7	81.8	81.8	5.7	5.7	20.2	20.2	11	11	83	83	<0.2	<0.2				3.9	3.9						
IM5	Sunny	Moderate	17:35	6.2	Surface	1.0	0.6	310	29.7	29.7	7.9	7.9	10.8	10.8	90.9	90.9	6.5	6.4	16.8	19.1	7	8	78	81	81	820725	804844	<0.2	<0.2	3.6	3.6				
						1.0	0.6	329	29.7	7.9	7.9	10.8	10.8	90.8	90.9	6.5	6.4	16.8	19.1	6	8	78	81	<0.2				<0.2	3.6	3.6					
						3.1	0.5	308	29.6	7.9	7.9	12.3	12.3	86.9	86.9	6.2	6.2	20.5	20.5	9	10	81	81	<0.2				<0.2	3.8	3.8					
					3.1	0.5	327	29.6	7.9	7.9	12.3	12.3	86.8	86.9	6.2	6.2	20.5	20.5	10	10	81	81	<0.2	<0.2				3.6	3.6						
					5.2	0.5	315	29.3	7.9	7.9	15.0	15.0	81.4	81.4	5.7	5.7	20.1	20.1	8	8	83	83	<0.2	<0.2				3.7	3.7						
					5.2	0.5	338	29.3	7.9	7.9	15.0	15.0	81.4	81.4	5.7	5.7	20.1	20.1	9	9	83	83	<0.2	<0.2				3.5	3.5						
IM6	Sunny	Moderate	17:28	6.0	Surface	1.0	0.6	257	29.6	29.6	7.9	7.9	11.7	11.7	86.7	86.7	6.2	6.2	19.6	20.1	8	10	78	81	81	821031	805828	<0.2	<0.2	3.6	3.7				
						1.0	0.7	270	29.6	7.9	7.9	11.7	11.7	86.7	86.7	6.2	6.2	19.7	20.1	8	10	79	81	<0.2				<0.2	3.6	3.6					
						3.0	0.5	253	29.5	7.																									

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

Water Quality Monitoring

Water Quality Monitoring Results on 26 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
IM9	Fine	Moderate	17:54	6.4	Surface	1.0	0.2	213	30.1	8.1	8.1	9.1	9.1	99.6	99.6	7.2	7.2	11.6	7.0	6	6	72	72	822111	808824	<0.2	<0.2	3.2	3.5			
						1.0	0.2	222	30.1	8.1	8.1	9.1	9.1	99.5	99.6	7.2	7.2	11.6	7.0	7	6	72	72	<0.2	<0.2	3.1	3.5					
						3.2	0.2	235	30.0	8.0	8.0	11.1	11.1	94.3	94.3	6.7	6.7	11.9	11.9	7	6	74	74	<0.2	<0.2	3.8	3.3					
					3.2	0.2	256	30.0	8.0	8.0	11.1	11.1	94.2	94.3	6.7	6.7	11.9	11.9	5	6	74	74	<0.2	<0.2	3.3	3.3						
					5.4	0.1	296	29.8	8.0	8.0	12.4	12.4	93.5	93.6	6.6	6.6	12.1	6.6	6	6	76	76	<0.2	<0.2	3.8	3.8						
					5.4	0.1	319	29.8	8.0	8.0	12.4	12.4	93.6	93.6	6.6	6.6	12.1	6.6	6	6	76	76	<0.2	<0.2	3.7	3.7						
IM10	Fine	Moderate	18:03	7.1	Surface	1.0	0.2	329	30.2	8.0	8.0	10.2	10.2	97.2	97.2	6.9	6.9	12.2	6.4	5	5	74	74	822398	809808	<0.2	<0.2	3.6	3.6			
						1.0	0.3	346	30.2	8.0	8.0	10.2	10.2	97.1	97.2	6.9	6.9	12.2	6.4	4	5	74	74	<0.2	<0.2	3.5	3.6					
						3.6	0.3	332	29.5	8.0	8.0	14.7	14.7	83.0	83.0	5.8	5.8	16.4	16.1	5	5	76	76	<0.2	<0.2	3.7	3.6					
					3.6	0.4	344	29.5	8.0	8.0	14.7	14.7	82.9	83.0	5.8	5.8	16.4	16.1	5	5	76	76	<0.2	<0.2	3.8	3.6						
					6.1	0.1	349	29.4	8.0	8.0	15.6	15.6	81.5	81.5	5.7	5.7	19.6	19.6	6	6	78	78	<0.2	<0.2	3.8	3.8						
					6.1	0.1	321	29.4	8.0	8.0	15.6	15.6	81.5	81.5	5.7	5.7	19.7	19.7	6	6	78	78	<0.2	<0.2	3.4	3.4						
IM11	Fine	Moderate	18:18	8.1	Surface	1.0	0.4	315	29.9	8.1	8.1	12.6	12.6	92.2	91.8	6.5	6.5	10.4	6.2	5	6	76	76	822051	811445	<0.2	<0.2	2.8	3.1			
						1.0	0.5	332	29.9	8.1	8.1	12.5	12.6	91.3	91.8	6.5	6.5	10.4	6.2	5	6	76	76	<0.2	<0.2	2.9	3.1					
						4.1	0.4	299	29.1	8.0	8.0	18.7	18.7	83.4	83.4	5.8	5.8	18.0	17.1	6	6	78	78	<0.2	<0.2	3.4	3.1					
					4.1	0.4	325	29.2	8.0	8.0	18.7	18.7	83.4	83.4	5.8	5.8	18.0	17.1	6	6	78	78	<0.2	<0.2	3.1	3.1						
					7.1	0.3	295	28.8	8.1	8.1	21.5	21.5	77.6	77.7	5.3	5.3	22.8	22.8	6	6	80	80	<0.2	<0.2	3.3	3.1						
					7.1	0.3	312	28.8	8.1	8.1	21.5	21.5	77.7	77.7	5.3	5.3	22.8	22.8	7	6	80	80	<0.2	<0.2	3.1	3.1						
IM12	Fine	Moderate	18:25	8.6	Surface	1.0	0.4	287	29.7	8.1	8.1	15.2	15.1	96.9	96.9	6.8	6.8	10.1	6.7	6	6	77	77	821465	812064	<0.2	<0.2	2.8	2.8			
						1.0	0.5	310	29.7	8.1	8.1	15.0	15.1	96.8	96.9	6.8	6.8	9.9	6.7	5	6	77	77	<0.2	<0.2	2.8	2.8					
						4.3	0.6	280	29.3	8.1	8.1	18.9	18.9	94.3	94.3	6.5	6.5	12.1	12.3	7	6	78	78	<0.2	<0.2	3.2	2.8					
					4.3	0.6	299	29.3	8.1	8.1	18.9	18.9	94.2	94.3	6.5	6.5	12.9	12.3	7	6	77	77	<0.2	<0.2	2.8	2.8						
					7.6	0.3	272	29.2	8.1	8.1	19.2	19.2	91.5	91.5	6.3	6.3	14.4	14.4	7	6	80	80	<0.2	<0.2	2.7	2.7						
					7.6	0.3	289	29.2	8.1	8.1	19.2	19.2	91.5	91.5	6.3	6.3	14.4	14.4	7	6	81	81	<0.2	<0.2	2.7	2.7						
SR2	Fine	Moderate	18:59	3.3	Surface	1.0	0.0	345	29.4	8.1	8.1	16.2	16.2	95.9	95.9	6.7	6.7	10.6	6.7	7	7	76	76	821480	814170	<0.2	<0.2	2.7	2.9			
						1.0	0.0	317	29.4	8.1	8.1	16.2	16.2	95.9	95.9	6.7	6.7	10.6	6.7	6	7	76	76	<0.2	<0.2	2.9	2.9					
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2.3	0.1	322	29.4	8.1	8.1	16.2	16.2	96.8	97.0	6.8	6.8	11.1	6.8	8	7	78	77	<0.2	<0.2	2.5	2.7						
					2.3	0.1	337	29.3	8.1	8.1	16.2	16.2	97.2	97.0	6.8	6.8	11.2	6.8	6	7	79	79	<0.2	<0.2	2.6	2.6						
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR3	Fine	Moderate	17:40	8.2	Surface	1.0	0.4	216	29.9	8.0	8.0	8.8	8.8	89.4	89.3	6.5	6.5	12.2	6.0	5	6	-	-	822166	807569	-	-	-	-			
						1.0	0.5	228	29.9	8.0	8.0	8.8	8.8	89.2	89.3	6.4	6.4	12.2	6.0	6	6	-	-	-	-	-	-	-	-	-	-	
						4.1	0.3	225	29.2	7.9	7.9	14.7	14.7	78.9	78.9	5.6	5.6	13.3	13.2	6	6	-	-	-	-	-	-	-	-	-	-	
					4.1	0.3	245	29.2	7.9	7.9	14.7	14.7	78.9	78.9	5.6	5.6	13.3	13.2	6	6	-	-	-	-	-	-	-	-	-	-	-	
					7.2	0.3	275	29.2	7.9	7.9	15.6	15.6	79.5	79.5	5.6	5.6	14.2	14.2	7	6	-	-	-	-	-	-	-	-	-	-	-	
					7.2	0.3	296	29.2	7.9	7.9	15.6	15.6	79.5	79.5	5.6	5.6	14.2	14.2	7	6	-	-	-	-	-	-	-	-	-	-	-	-
SR4A	Cloudy	Moderate	18:51	8.7	Surface	1.0	0.1	246	29.5	8.1	8.1	19.0	19.0	98.9	98.9	6.8	6.8	18.6	6.7	13	14	-	-	817174	807813	-	-	-	-			
						1.0	0.1	250	29.5	8.1	8.1	19.0	19.0	98.8	98.9	6.8	6.8	18.4	6.7	13	14	-	-	-	-	-	-	-	-	-		
						4.4	0.1	224	29.5	8.1	8.1	19.1	19.1	95.5	95.5	6.6	6.6	19.1	19.7	15	14	-	-	-	-	-	-	-	-	-		
					4.4	0.1	242	29.5	8.1	8.1	19.1	19.1	95.5	95.5	6.6	6.6	19.6	19.7	14	14	-	-	-	-	-	-	-	-	-	-		
					7.7	0.1	241	29.4	8.1	8.1	19.3	19.3	91.4	91.4	6.3	6.3	21.3	21.3	15	14	-	-	-	-	-	-	-	-	-	-		
					7.7	0.1	264	29.4	8.1	8.1	19.3	19.3	91.3	91.3	6.3	6.3	21.0	21.0	14	14	-	-	-	-	-	-	-	-	-	-		
SR5A	Cloudy	Moderate	19:10	4.8	Surface	1.0	0.1	259	29.7	8.2	8.2	18.7	18.7	108.5	108.5	7.4	7.4	20.4	7.4	11	13	-	-	816616	810705	-	-	-	-			
						1.0	0.1	261	29.7	8.2	8.2	18.7	18.7	108.4	108.4	7.4	7.4	20.6	7.4	12	13	-	-	-	-	-	-	-	-			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
					3.8	0.1	281	29.4	8.1	8.1	19.3	19.2	99.1	99.3	6.8	6.8	21.4	21.0	13	13	-	-	-	-	-	-	-	-	-			
					3.8	0.1	292	29.5	8.1	8.1	19.1	19.2	99.4	99.3	6.8	6.8	21.5	21.0	14	14	-	-	-	-	-	-	-	-	-			
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SR6	Cloudy	Moderate	19:35	4.4	Surface	1.0	0.1	223	29.5	8.1	8.1	16.1	16.1	100.1	100.1	7.0	7.0	14.1	7.0	7	7	-	-	817896	814633	-	-	-	-			
						1.0	0.1	239	29.5	8.1	8.1	16.1	16.1	100.0	100.1	7.0	7.0	14.2	7.0	7	7	-	-	-	-	-	-	-	-			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					3.4	0.0	14	29.4	8.1	8.1	17.3	17.3	94.3	93.9	6.5	6.5	20.0	17.1	5	7	-	-	-	-	-	-	-	-				
					3.4	0.0	14	29.4	8.1	8.1	17.3	17.3	93.5	93.9	6.5	6.5	20.0	17.1</														

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

Water Quality Monitoring

Water Quality Monitoring Results on 28 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
C1	Fine	Calm	13:27	8.7	Surface	1.0	0.8	203	30.4	8.1	8.1	11.2	11.2	99.1	99.0	7.0	6.4	8.6	14.8	4	77	79	815620	804251	<0.2	2.3	2.5									
						1.0	0.8	207	30.4	8.1	8.1	11.2	11.2	98.8	98.8	7.0	6.4	8.6	14.8	5	77	79	<0.2	2.2												
					Middle	4.4	0.7	232	29.2	29.2	8.1	8.1	20.0	20.0	84.9	84.8	5.8	5.1	9.6	14.8	4	78	79	<0.2	2.7											
						4.4	0.7	244	29.2	29.2	8.1	8.1	20.0	20.0	84.7	84.8	5.8	5.1	9.7	14.8	4	79	79	<0.2	2.5											
					Bottom	7.7	0.6	223	28.1	28.1	8.0	8.0	26.8	26.8	74.4	74.4	5.0	5.1	26.0	14.8	3	81	81	<0.2	2.5											
						7.7	0.6	231	28.1	28.1	8.0	8.0	26.8	26.8	75.0	74.7	5.1	5.1	26.2	14.8	4	80	81	<0.2	2.6											
C2	Sunny	Moderate	14:17	10.9	Surface	1.0	1.3	165	29.7	7.9	7.9	13.7	13.4	77.8	77.9	5.5	5.3	12.4	15.2	4	76	79	825665	806923	<0.2	2.8	2.8									
						1.0	1.4	180	29.7	29.7	7.9	7.9	13.2	13.4	77.9	77.9	5.5	5.3	12.5	15.2	4	76	79	<0.2	3.0											
					Middle	5.5	1.2	163	29.1	29.1	8.0	8.0	18.3	18.3	74.1	74.1	5.1	5.1	14.7	15.2	6	78	78	<0.2	2.8											
						5.5	1.2	175	29.1	29.1	8.0	8.0	18.2	18.3	74.0	74.1	5.1	5.1	14.8	15.2	6	78	78	<0.2	2.8											
					Bottom	9.9	0.5	161	28.7	28.7	8.0	8.0	21.8	21.8	74.6	74.6	5.1	5.1	18.2	15.2	8	82	82	<0.2	2.7											
						9.9	0.5	164	28.7	28.7	8.0	8.0	21.8	21.8	74.8	74.7	5.1	5.1	18.3	15.2	7	81	81	<0.2	2.8											
C3	Sunny	Moderate	12:17	11.9	Surface	1.0	0.5	104	29.1	29.1	8.1	8.1	19.6	19.6	85.9	85.9	5.9	5.7	12.1	13.7	9	80	81	822115	817809	<0.2	2.5	2.3								
						1.0	0.5	112	29.1	29.1	8.1	8.1	19.6	19.6	85.8	85.9	5.9	5.7	12.1	13.7	8	80	81	<0.2	2.4											
					Middle	6.0	0.2	90	28.6	28.6	8.1	8.1	21.4	21.4	79.3	79.3	5.5	5.5	12.4	13.7	9	81	81	<0.2	2.4											
						6.0	0.2	94	28.6	28.6	8.1	8.1	21.4	21.4	79.2	79.3	5.5	5.5	12.5	13.7	9	81	81	<0.2	2.2											
					Bottom	10.9	0.4	30	28.0	28.0	8.1	8.1	24.0	24.0	76.3	76.4	5.2	5.2	16.5	13.7	9	83	83	<0.2	2.2											
						10.9	0.4	32	28.0	28.0	8.1	8.1	24.0	24.0	76.4	76.4	5.2	5.2	16.5	13.7	10	82	82	<0.2	2.1											
IM1	Fine	Calm	13:51	4.7	Surface	1.0	0.0	290	29.5	29.5	8.1	8.1	21.3	21.2	84.8	84.9	5.8	5.8	10.3	12.5	4	76	77	817942	807154	<0.2	2.4	2.3								
						1.0	0.0	306	29.6	29.6	8.1	8.1	21.2	21.2	84.9	84.9	5.8	5.8	10.3	12.5	5	76	76	<0.2	2.4											
					Middle	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	<0.2	-					
						2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	<0.2	-				
					Bottom	3.7	0.1	260	28.3	28.3	8.0	8.0	25.8	25.8	66.1	66.1	4.5	4.5	14.6	12.5	4	78	78	<0.2	2.2											
						3.7	0.1	273	28.3	28.3	8.0	8.0	25.8	25.8	66.1	66.1	4.5	4.5	14.6	12.5	5	79	79	<0.2	2.2											
IM2	Fine	Moderate	13:58	6.9	Surface	1.0	0.9	182	30.5	30.5	8.2	8.2	15.3	15.3	102.0	102.0	7.0	5.8	8.4	14.6	5	76	78	818182	806192	<0.2	2.6	2.4								
						1.0	0.9	195	30.5	30.5	8.2	8.2	15.3	15.3	101.9	101.9	7.0	5.8	8.4	14.6	6	76	78	<0.2	2.5											
					Middle	3.5	0.6	175	28.4	28.4	8.0	8.0	24.6	24.6	66.0	66.0	4.5	4.5	17.4	14.6	4	78	78	<0.2	2.3											
						3.5	0.6	184	28.4	28.4	8.0	8.0	24.6	24.6	66.0	66.0	4.5	4.5	17.4	14.6	6	78	78	<0.2	2.4											
					Bottom	5.9	0.2	189	28.1	28.1	8.0	8.0	26.5	26.5	71.4	71.7	4.8	4.9	18.1	14.6	8	81	81	<0.2	2.3											
						5.9	0.2	199	28.1	28.1	8.0	8.0	26.6	26.5	71.9	71.7	4.9	4.9	18.0	14.6	10	81	81	<0.2	2.4											
IM3	Fine	Moderate	14:06	7.2	Surface	1.0	0.9	225	30.3	30.3	8.1	8.1	13.4	13.4	95.8	95.8	6.7	6.0	10.3	18.7	4	76	78	818763	805580	<0.2	2.4	2.5								
						1.0	0.9	234	30.3	30.3	8.1	8.1	13.4	13.4	95.7	95.8	6.7	6.0	10.4	18.7	5	76	78	<0.2	2.4											
					Middle	3.6	0.7	221	28.9	28.9	8.0	8.0	22.9	22.9	77.9	78.1	5.3	5.3	20.8	18.7	8	79	79	<0.2	2.7											
						3.6	0.8	228	28.9	28.9	8.0	8.0	22.9	22.9	78.2	78.1	5.3	5.3	20.3	18.7	8	79	79	<0.2	2.6											
					Bottom	6.2	0.5	200	28.6	28.6	8.0	8.0	23.5	23.5	78.0	78.3	5.3	5.3	25.4	18.7	14	80	80	<0.2	2.4											
						6.2	0.5	218	28.6	28.6	8.0	8.0	23.4	23.4	78.5	78.3	5.3	5.3	24.7	18.7	14	80	80	<0.2	2.4											
IM4	Fine	Moderate	14:18	7.3	Surface	1.0	1.0	214	30.7	30.7	8.0	8.0	11.4	11.4	94.0	93.9	6.6	5.8	13.3	18.3	7	76	79	819720	804601	<0.2	2.8	2.8								
						1.0	1.1	234	30.7	30.7	8.0	8.0	11.4	11.4	93.8	93.8	6.6	5.8	13.5	18.3	7	76	79	<0.2	2.6											
					Middle	3.7	0.9	219	28.9	28.9	8.0	8.0	20.8	20.8	72.3	72.3	5.0	5.0	20.4	18.3	8	78	79	<0.2	2.9											
						3.7	0.9	233	28.9	28.9	8.0	8.0	20.8	20.8	72.3	72.3	5.0	5.0	20.8	18.3	8	79	79	<0.2	2.8											
					Bottom	6.3	0.6	208	28.7	28.7	8.0	8.0	22.9	22.9	75.3	75.4	5.1	5.2	21.1	18.3	9	81	81	<0.2	2.8											
						6.3	0.6	218	28.7	28.7	8.0	8.0	22.9	22.9	75.5	75.4	5.2	5.2	20.5	18.3	9	81	81	<0.2	3.1											
IM5	Fine	Moderate	14:29	6.5	Surface	1.0	0.9	215	30.5	30.5	8.0	8.0	11.8	11.8	96.0	96.0	6.8	6.1	10.4	18.8	7	76	79	820756	804844	<0.2	2.6	2.6								
						1.0	0.9	223	30.5	30.5	8.0	8.0	11.8	11.8	95.9	96.0	6.7	6.1	10.4	18.8	7	76	79	<0.2	2.6											
					Middle	3.3	0.7	224	29.2	29.2	8.0	8.0	19.1	19.0	77.9	77.9	5.4	5.4	19.1	18.8	7	79	79	<0.2	2.5											
						3.3	0.7	235	29.2	29.2	8.0	8.0	19.0	19.0	77.9	77.9	5.4	5.4	19.1	18.8	6	79	79	<0.2	2.5											
					Bottom	5.5	0.5	219	29.0	29.0	8.0	8.0	20.0	20.0	78.0	78.2	5.4	5.4	26.9	18.8	6	81	81	<0.2	2.6											
						5.5	0.6	232	29.0	29.0	8.0	8.0	20.0	20.0	78.3	78.2	5.4	5.4	26.8	18.8	6	81	81	<0.2	2.6											
IM6	Fine	Moderate	14:39	6.3	Surface	1.0	0.6	239	30.6	30.6	8.0	8.0	13.3	13.3	92.8	92.8	6.5	5.9	9.5	16.8	4	75	77	821040	805822	<0.2	2.6	2.6								
						1.0	0.7	260	30.6	30.6	8.0	8.0	13.3	13.3	92.7	92.8	6.5	5.9	9.5	16.8	5	76	77	<0.2	2.5											
					Middle	3.2	0.8	258	29.4	29.4	8.0	8.0	18.9	18.9	77.4	77.4	5.3	5.3	15.4	16.8	5	77	77	<0.2	2.5											
						3.2	0.9	263	29.4	29.4	8.0	8.0	18.9	18.9	77.4	77.4	5.3	5.3	15.4	16.8	5	77	77	<0.2	2.6											
					Bottom	5.3	0.6	268	28.9	28.9	8.0	8.0	20.9	20.9	77.7	77.7	5.3	5.4	25.3	16.8	6	78	78	<0.2	2.6											
						5.3	0.6	273	28.9	28.9	8.0	8.0	20.9	20.9	78.3	78.0	5.4	5.4	25.4	16.8	5	79	79	<0.2	2.6											
IM7	Fine	Moderate	14:49	7.8	Surface																															

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

Water Quality Monitoring

Water Quality Monitoring Results on 28 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
IM9	Sunny	Moderate	13:38	7.4	Surface	1.0	0.4	158	29.7	29.7	8.0	8.0	14.4	14.4	77.6	77.4	5.5	5.2	13.1	16.7	3	4	80	82	822104	808784	<0.2	2.9	<0.2	2.9						
						1.0	0.5	160	29.7	8.0	8.0	14.4	14.4	77.2	77.4	5.4	5.2	13.3	16.7	3	4	81	82	<0.2	2.9	<0.2	2.9									
					Middle	3.7	0.3	150	28.9	28.9	8.0	8.0	20.8	20.8	71.8	71.9	4.9	4.9	19.0	17.3	5	5	80	80	<0.2	2.9	<0.2	2.9	<0.2	2.9						
						3.7	0.3	152	28.9	28.9	8.0	8.0	20.8	20.8	72.0	71.9	4.9	4.9	19.0	17.3	3	5	81	81	<0.2	2.9	<0.2	2.9								
					Bottom	6.4	0.2	145	28.9	28.9	8.0	8.0	21.0	21.0	77.1	77.3	5.3	5.3	17.9	15.1	4	5	84	82	<0.2	2.8	<0.2	2.8	<0.2	2.8						
						6.4	0.2	147	28.9	28.9	8.0	8.0	21.0	21.0	77.4	77.3	5.3	5.3	17.7	15.1	6	5	83	82	<0.2	2.6	<0.2	2.6								
IM10	Sunny	Moderate	13:29	6.8	Surface	1.0	0.7	134	29.5	29.5	8.0	8.0	15.3	15.3	78.9	78.5	5.5	5.2	14.1	17.3	4	5	78	80	822380	809812	<0.2	2.8	<0.2	2.8						
						1.0	0.8	145	29.5	29.5	8.0	8.0	15.3	15.3	78.0	78.5	5.5	5.2	14.9	17.3	5	5	78	80	<0.2	2.7	<0.2	2.7								
					Middle	3.4	0.5	121	28.9	28.9	8.0	8.0	20.7	20.7	70.3	70.3	4.8	4.8	19.0	17.3	5	5	80	80	<0.2	2.9	<0.2	2.9	<0.2	2.9						
						3.4	0.5	127	28.9	28.9	8.0	8.0	20.6	20.7	70.3	70.3	4.8	4.8	19.2	17.3	6	5	81	81	<0.2	2.9	<0.2	2.9								
					Bottom	5.8	0.5	117	28.9	28.9	8.0	8.0	20.9	20.9	73.4	73.6	5.0	5.1	18.2	15.1	4	5	82	82	<0.2	2.8	<0.2	2.8	<0.2	2.8						
						5.8	0.5	121	28.9	28.9	8.0	8.0	20.9	20.9	73.7	73.6	5.1	5.1	18.3	15.1	4	5	82	82	<0.2	2.8	<0.2	2.8								
IM11	Sunny	Moderate	13:16	8.2	Surface	1.0	0.8	113	29.9	29.9	8.0	8.0	14.1	14.1	83.8	83.7	5.9	5.6	12.4	14.8	6	6	80	81	822065	811430	<0.2	2.9	<0.2	2.9						
						1.0	0.9	119	29.9	29.9	8.0	8.0	14.1	14.1	83.5	83.7	5.9	5.6	12.5	14.8	5	6	80	81	<0.2	2.8	<0.2	2.8								
					Middle	4.1	0.7	106	29.2	29.2	8.0	8.0	18.4	18.4	75.5	75.5	5.2	5.2	15.1	14.8	6	6	81	81	<0.2	3.0	<0.2	3.0	<0.2	3.0						
						4.1	0.7	106	29.2	29.2	8.0	8.0	18.4	18.4	75.5	75.5	5.2	5.2	15.1	14.8	7	6	81	81	<0.2	2.9	<0.2	2.9								
					Bottom	7.2	0.6	101	29.2	29.2	8.0	8.0	18.9	18.9	80.4	80.6	5.6	5.6	16.8	14.8	6	6	82	82	<0.2	2.8	<0.2	2.8	<0.2	2.8						
						7.2	0.6	102	29.2	29.2	8.0	8.0	18.9	18.9	80.8	80.6	5.6	5.6	16.7	14.8	8	6	82	82	<0.2	2.9	<0.2	2.9								
IM12	Sunny	Moderate	13:08	9.5	Surface	1.0	0.4	109	30.2	30.2	8.1	8.1	14.0	14.0	92.0	91.6	6.4	5.8	11.3	13.3	6	5	77	81	821437	812073	<0.2	2.9	<0.2	2.9						
						1.0	0.5	110	30.2	30.2	8.1	8.1	14.1	14.0	91.2	91.6	6.4	5.8	11.7	13.3	5	5	77	81	<0.2	2.7	<0.2	2.7								
					Middle	4.8	0.5	90	29.2	29.2	8.0	8.0	18.5	18.5	75.5	75.6	5.2	5.2	13.8	13.3	6	5	82	81	<0.2	2.8	<0.2	2.8	<0.2	2.8						
						4.8	0.5	94	29.2	29.2	8.0	8.0	18.5	18.5	75.6	75.6	5.2	5.2	13.1	13.3	6	5	81	81	<0.2	2.7	<0.2	2.7								
					Bottom	8.5	0.5	93	29.2	29.2	8.0	8.0	18.5	18.5	76.4	76.5	5.3	5.3	15.0	14.8	4	5	84	84	<0.2	2.7	<0.2	2.7	<0.2	2.7						
						8.5	0.5	94	29.2	29.2	8.0	8.0	18.5	18.5	76.5	76.5	5.3	5.3	15.1	14.8	5	5	84	84	<0.2	2.6	<0.2	2.6								
SR2	Sunny	Moderate	12:48	4.7	Surface	1.0	0.6	91	29.6	29.6	8.1	8.1	15.3	15.3	84.8	84.7	5.9	5.9	13.6	15.2	5	5	81	83	821434	814173	<0.2	2.7	<0.2	2.5						
						1.0	0.6	97	29.6	29.6	8.1	8.1	15.3	15.3	84.5	84.7	5.9	5.9	13.8	15.2	4	5	82	83	<0.2	2.5	<0.2	2.5								
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	<0.2	-	<0.2	-			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	<0.2	-	<0.2	-		
					Bottom	3.7	0.5	91	29.2	29.2	8.0	8.0	17.5	17.5	83.9	84.0	5.8	5.8	16.6	14.8	5	5	83	84	<0.2	2.6	<0.2	2.6	<0.2	2.6						
						3.7	0.5	97	29.2	29.2	8.0	8.0	17.5	17.5	84.0	84.0	5.8	5.8	16.8	14.8	5	5	84	84	<0.2	2.5	<0.2	2.5								
SR3	Sunny	Moderate	13:50	9.1	Surface	1.0	0.8	188	29.4	29.4	8.0	8.0	16.6	16.6	74.2	73.8	5.2	5.0	13.8	17.6	5	4	-	-	822129	807590	-	-	-	-						
						1.0	0.8	191	29.4	29.4	8.0	8.0	16.6	16.6	73.4	73.8	5.1	5.0	14.5	17.6	3	4	-	-	-	-	-	-	-	-						
					Middle	4.6	0.7	183	28.9	28.9	8.0	8.0	21.0	21.0	70.5	70.6	4.8	4.8	19.4	17.6	4	4	-	-	-	-	-	-	-	-	-	-				
						4.6	0.7	185	28.9	28.9	8.0	8.0	21.0	21.0	70.6	70.6	4.8	4.8	19.5	17.6	4	4	-	-	-	-	-	-	-	-	-	-				
					Bottom	8.1	0.5	199	28.8	28.8	8.0	8.0	21.6	21.6	75.6	75.8	5.2	5.2	19.3	17.6	5	5	-	-	-	-	-	-	-	-	-	-	-			
						8.1	0.5	200	28.8	28.8	8.0	8.0	21.6	21.6	75.9	75.9	5.2	5.2	19.0	17.6	4	5	-	-	-	-	-	-	-	-	-	-	-			
SR4A	Fine	Calm	13:06	8.9	Surface	1.0	0.0	56	29.9	29.9	8.0	8.0	16.9	16.9	82.5	82.5	5.7	5.3	11.0	17.8	7	10	-	-	817173	807801	-	-	-	-						
						1.0	0.0	56	29.9	29.9	8.0	8.0	16.9	16.9	82.4	82.5	5.7	5.3	11.1	17.8	7	10	-	-	-	-	-	-	-	-	-					
					Middle	4.5	0.0	77	28.3	28.3	8.0	8.0	26.0	26.0	73.2	73.5	4.9	4.9	17.8	17.8	7	10	-	-	-	-	-	-	-	-	-	-				
						4.5	0.0	80	28.4	28.4	8.0	8.0	26.0	26.0	73.7	73.5	5.0	4.9	17.5	17.8	7	10	-	-	-	-	-	-	-	-	-	-				
					Bottom	7.9	0.0	83	28.1	28.1	8.0	8.0	26.6	26.6	61.0	61.1	4.1	4.1	24.7	17.8	7	10	-	-	-	-	-	-	-	-	-	-	-			
						7.9	0.0	88	28.1	28.1	8.0	8.0	26.6	26.6	61.1	61.1	4.1	4.1	24.7	17.8	17	10	-	-	-	-	-	-	-	-	-	-	-			
SR5A	Fine	Calm	12:47	4.4	Surface	1.0	0.2	324	30.2	30.2	8.2	8.2	16.0	16.0	108.0	107.9	7.5	7.5	10.2	10.8	6	7	-	-	816606	810701	-	-	-	-						
						1.0	0.2	329	30.2	30.2	8.2	8.2	16.0	16.0	107.8	107.9	7.4	7.5	10.2	10.8	7	7	-	-	-	-	-	-	-	-	-					
					Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-				
					Bottom	3.4	0.0	346	29.7	29.7	8.1	8.1	17.2	17.2	101.1	101.1	7.0	7.0	11.4	10.8	6	7	-	-	-	-	-	-	-	-	-	-				
						3.4	0.0	358	29.7	29.7	8.1	8.1	17.2	17.2	101.1	101.1	7.0	7.0	11.4	10.8	7	7	-	-	-	-	-	-	-	-	-	-				
SR6	Sunny	Moderate	12:20	4.6																																

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

Water Quality Monitoring

Water Quality Monitoring Results on 28 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA
C1	Fine	Moderate	19:48	7.8	Surface	1.0	0.5	33	30.2	8.0	8.0	14.8	14.8	87.1	87.0	6.1	13.9	11	76	78	815645	804270	<0.2	2.1	2.2					
						1.0	0.6	34	30.2	8.0	8.0	14.8	14.8	86.8	87.0	6.0	13.9	11	76	78	815645	804270	<0.2	2.3						
						3.9	0.4	22	29.5	8.0	8.0	17.0	17.0	71.3	71.1	5.0	21.7	10	78	79	815645	804270	<0.2	2.3						
					3.9	0.4	23	29.5	8.0	8.0	17.0	17.0	70.9	71.1	4.9	22.2	11	79	80	815645	804270	<0.2	2.2							
					6.8	0.5	29	28.6	8.0	8.0	23.3	23.3	67.5	67.6	4.6	33.3	8	80	81	815645	804270	<0.2	2.3							
					6.8	0.5	29	28.6	8.0	8.0	23.3	23.3	67.7	67.6	4.6	33.4	9	81	82	815645	804270	<0.2	2.3							
C2	Fine	Rough	18:40	11.8	Surface	1.0	0.5	65	29.9	8.0	8.0	9.1	8.9	78.4	77.9	5.7	15.2	7	77	80	825709	806925	<0.2	3.5	3.7					
						1.0	0.6	67	29.8	8.0	8.0	8.7	8.9	77.3	77.9	5.6	15.4	7	77	80	825709	806925	<0.2	3.5						
						5.9	0.2	174	29.1	8.0	8.0	16.2	16.4	69.9	69.9	4.9	18.1	7	80	81	825709	806925	<0.2	3.9						
					5.9	0.3	191	29.1	8.0	8.0	16.6	16.4	69.8	69.9	4.9	18.1	8	79	80	825709	806925	<0.2	3.7							
					10.8	0.8	106	28.8	8.0	8.0	20.5	20.5	72.8	73.0	5.0	17.8	9	82	82	825709	806925	<0.2	3.8							
					10.8	0.8	109	28.8	8.0	8.0	20.5	20.5	73.1	73.0	5.0	17.7	9	82	82	825709	806925	<0.2	3.7							
C3	Fine	Moderate	20:18	11.8	Surface	1.0	0.5	242	29.6	8.1	8.1	17.2	17.2	80.8	80.7	5.6	10.3	6	78	80	822135	817829	<0.2	2.7	2.7					
						1.0	0.5	242	29.6	8.1	8.1	17.2	17.2	80.5	80.7	5.6	10.3	4	77	79	822135	817829	<0.2	2.8						
						5.9	0.6	260	27.7	8.0	8.0	24.2	24.2	65.8	65.9	4.5	14.9	5	79	80	822135	817829	<0.2	2.7						
					5.9	0.6	272	27.7	8.0	8.0	24.2	24.2	65.9	65.9	4.5	15.1	6	79	80	822135	817829	<0.2	2.7							
					10.8	0.4	283	27.4	8.0	8.0	26.6	26.5	70.3	71.6	4.8	18.6	7	82	82	822135	817829	<0.2	2.7							
					10.8	0.5	307	27.5	8.0	8.0	26.4	26.5	72.8	73.1	5.0	18.0	7	82	82	822135	817829	<0.2	2.6							
IM1	Fine	Moderate	19:26	4.6	Surface	1.0	0.1	350	30.0	8.1	8.1	16.5	16.5	98.4	98.4	6.8	15.8	9	75	76	817975	807119	<0.2	2.3	2.7					
						1.0	0.1	322	30.0	8.1	8.1	16.5	16.5	98.4	98.4	6.8	15.9	11	75	76	817975	807119	<0.2	2.8						
						2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		
					2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	
					3.6	0.2	2	29.7	8.1	8.1	19.3	19.3	96.8	96.9	6.6	23.1	9	76	77	817975	807119	<0.2	2.8							
					3.6	0.2	2	29.7	8.1	8.1	19.4	19.3	96.9	96.9	6.6	23.1	10	77	77	817975	807119	<0.2	2.8							
IM2	Fine	Moderate	19:19	6.6	Surface	1.0	0.1	312	30.2	8.0	8.0	11.5	11.5	96.9	96.9	6.9	16.6	10	75	77	818144	806139	<0.2	2.2	2.4					
						1.0	0.1	327	30.2	8.0	8.0	11.5	11.5	96.8	96.9	6.8	16.8	11	75	77	818144	806139	<0.2	2.3						
						3.3	0.3	343	29.9	8.1	8.1	19.6	19.6	96.2	96.3	6.5	20.8	10	77	79	818144	806139	<0.2	2.2						
					3.3	0.3	316	30.0	8.1	8.1	19.6	19.6	96.4	96.3	6.6	20.6	11	77	79	818144	806139	<0.2	2.2							
					5.6	0.3	15	29.5	8.1	8.1	20.4	20.4	91.3	91.4	6.2	20.5	12	79	80	818144	806139	<0.2	2.7							
					5.6	0.3	16	29.5	8.1	8.1	20.4	20.4	91.4	91.4	6.2	20.2	11	79	80	818144	806139	<0.2	2.7							
IM3	Fine	Moderate	19:12	6.7	Surface	1.0	0.2	323	30.2	8.0	8.0	13.5	13.4	94.3	94.3	6.6	15.9	13	78	80	818795	805600	<0.2	2.9	2.5					
						1.0	0.3	336	30.2	8.0	8.0	13.3	13.4	94.3	94.3	6.6	16.0	13	78	80	818795	805600	<0.2	2.9						
						3.4	0.3	342	29.9	8.1	8.1	17.5	17.5	89.0	88.9	6.1	18.0	13	81	81	818795	805600	<0.2	2.4						
					3.4	0.3	348	29.9	8.1	8.1	17.5	17.5	88.8	88.9	6.1	17.9	13	81	81	818795	805600	<0.2	2.4							
					5.7	0.4	20	29.5	8.1	8.1	19.3	19.3	85.6	85.6	5.9	19.3	12	82	82	818795	805600	<0.2	2.4							
					5.7	0.5	20	29.6	8.1	8.1	19.3	19.3	85.6	85.6	5.9	19.4	13	82	82	818795	805600	<0.2	2.4							
IM4	Fine	Moderate	19:03	6.8	Surface	1.0	0.4	332	30.1	8.0	8.0	11.4	11.4	93.2	93.2	6.6	19.9	11	78	80	819708	804589	<0.2	2.2	2.2					
						1.0	0.4	336	30.1	8.0	8.0	11.4	11.4	93.1	93.2	6.6	20.0	11	78	80	819708	804589	<0.2	2.2						
						3.4	0.3	314	30.1	7.9	7.9	12.8	12.8	90.9	90.9	6.4	22.0	10	80	81	819708	804589	<0.2	2.2						
					3.4	0.3	332	30.1	7.9	7.9	12.8	12.8	90.8	90.9	6.4	21.8	10	80	81	819708	804589	<0.2	2.1							
					5.8	0.4	349	29.6	7.9	7.9	15.2	15.2	83.6	83.6	5.9	20.3	12	81	81	819708	804589	<0.2	2.2							
					5.8	0.4	321	29.6	7.9	7.9	15.2	15.2	83.6	83.6	5.9	20.5	12	82	82	819708	804589	<0.2	2.3							
IM5	Fine	Rough	18:54	6.2	Surface	1.0	0.4	292	29.9	7.9	7.9	12.3	12.3	93.2	93.2	6.6	14.2	10	78	79	820762	804857	<0.2	2.4	2.4					
						1.0	0.4	311	29.9	7.9	7.9	12.3	12.3	93.2	93.2	6.6	14.3	10	78	79	820762	804857	<0.2	2.5						
						3.1	0.5	288	29.8	7.9	7.9	12.9	12.9	89.1	89.1	6.3	18.6	11	79	80	820762	804857	<0.2	2.9						
					3.1	0.5	315	29.8	7.9	7.9	12.9	12.9	89.1	89.1	6.3	18.6	11	80	80	820762	804857	<0.2	2.4							
					5.2	0.3	311	29.6	7.9	7.9	13.9	13.9	87.9	88.0	6.2	22.8	12	80	80	820762	804857	<0.2	2.2							
					5.2	0.3	314	29.6	7.9	7.9	13.9	13.9	88.1	88.0	6.2	22.9	12	80	80	820762	804857	<0.2	2.2							
IM6	Fine	Rough	18:48	6.0	Surface	1.0	0.7	281	29.7	7.9	7.9	12.6	12.6	86.7	86.7	6.2	16.0	8	76	79	821054	805848	<0.2	2.3	2.4					
						1.0	0.7	293	29.7	7.9	7.9	12.6	12.6	86.6	86.7	6.1	16.0	9	76	78	821054	805848	<0.2	2.4						
						3.0	0.6	285	29.6	7.9	7.9	13.4	13.4	84.7	84.7	6.0	18.0	10	78	80	821054	805848	<0.2	2.4						
					3.0	0.6	285	29.6	7.9	7.9	13.4	13.4	84.7	84.7	6.0	17.9	11	79	80	821054	805848	<0.2	2.4							
					5.0	0.4	282	29.6	7.8	7.8	13.5	13.5	86.3	86.4	6.1	17.9	9	81	81	821054	805848	<0.2	2.5							
					5.0	0.4	290	29.6	7.8	7.8	13.5	13.5	86.4	86.4	6.1	17.7	10	81	81	821054	805848	<0.2	2.3							
IM7	Fine	Rough	18:41	7.2	Surface	1.0	0.5	252	29.8	7.9	7.9	10.7	10.5	85.6	85.6	6.1	13.4	8	74	76	821365	806856	<0.2	2.2	2.3					
						1.0	0.5	258	29.8	7.9	7.9	10.2	10.5	85.6	85.6	6.1	13.5	8	74	76	821365	806856	<0.2	3.0						
						3.6	0.5	252	29.7	7.9	7.9	13.2	13.2	85.1	85.2	6.0	15.6	8	76	76	821365	806856	<0.2	2.1						
					3.6	0.5	259	29.7	7.9	7.9	13.2	13.2	85.2	85.2	6.0	15.7	8	76	76	821365	806856	&								

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

Water Quality Monitoring

Water Quality Monitoring Results on 30 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)							
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
C1	Sunny	Rough	13:57	8.5	Surface	1.0	0.5	217	30.1	30.1	8.1	8.1	14.6	14.6	96.3	96.3	6.7	6.7	9.4	9.4	4	73	73	73	815631	804239	<0.2	<0.2	1.5	1.5						
						1.0	0.5	228	30.1	8.1	8.1	14.6	14.6	96.3	96.3	6.7	6.7	9.4	9.4	5	72	72	73	815631	804239	<0.2	<0.2	1.6	1.6							
						4.3	0.7	200	28.7	8.0	8.0	21.7	21.7	70.1	70.1	4.8	4.8	16.6	16.6	4	73	73	73	815631	804239	<0.2	<0.2	1.8	1.8							
					4.3	0.8	205	28.7	8.0	8.0	21.7	21.7	70.1	70.1	4.8	4.8	16.6	16.6	4	73	73	73	815631	804239	<0.2	<0.2	1.8	1.8								
					7.5	0.4	214	27.6	8.0	8.0	27.9	27.9	73.9	73.9	5.0	5.0	21.7	21.7	8	74	74	73	815631	804239	<0.2	<0.2	1.8	1.8								
					7.5	0.4	226	27.6	8.0	8.0	27.9	27.9	73.9	73.9	5.0	5.0	21.7	21.7	7	75	75	73	815631	804239	<0.2	<0.2	1.8	1.8								
C2	Sunny	Moderate	12:41	12.1	Surface	1.0	1.3	170	29.9	29.9	7.9	7.9	14.2	14.2	89.9	89.9	6.3	6.3	10.7	10.7	7	73	73	73	825655	806952	<0.2	<0.2	2.5	2.5						
						1.0	1.4	183	29.9	7.9	7.9	14.2	14.2	89.9	89.9	6.3	6.3	10.7	10.7	7	73	73	73	825655	806952	<0.2	<0.2	2.5	2.5							
						6.1	1.2	165	29.6	7.9	7.9	14.5	14.5	82.8	82.8	5.8	5.8	10.5	10.5	8	75	75	75	825655	806952	<0.2	<0.2	2.5	2.5							
					6.1	1.2	175	29.6	7.9	7.9	14.5	14.5	82.7	82.7	5.8	5.8	10.6	10.6	7	75	75	75	825655	806952	<0.2	<0.2	2.3	2.3								
					11.1	0.5	151	29.1	7.9	7.9	18.8	18.8	80.5	80.5	5.6	5.6	11.3	11.3	10	76	76	76	825655	806952	<0.2	<0.2	2.4	2.4								
					11.1	0.5	154	29.2	7.9	7.9	18.8	18.8	80.7	80.6	5.6	5.6	11.3	11.3	9	76	76	76	825655	806952	<0.2	<0.2	2.4	2.4								
C3	Sunny	Moderate	14:01	12.0	Surface	1.0	0.5	113	29.0	29.0	8.0	8.0	19.3	19.3	87.5	87.5	6.1	6.1	11.9	11.9	6	73	73	73	822097	817796	<0.2	<0.2	1.5	1.5						
						1.0	0.6	120	29.0	8.0	8.0	19.3	19.3	87.5	87.5	6.1	6.1	11.9	11.9	6	73	73	73	822097	817796	<0.2	<0.2	1.6	1.6							
						6.0	0.2	101	29.0	8.0	8.0	19.8	19.8	87.5	87.5	6.0	6.0	11.5	11.5	8	75	75	75	822097	817796	<0.2	<0.2	1.6	1.6							
					6.0	0.3	107	29.0	8.0	8.0	19.8	19.8	87.5	87.5	6.0	6.0	11.5	11.5	8	75	75	75	822097	817796	<0.2	<0.2	1.7	1.7								
					11.0	0.4	57	29.0	8.0	8.0	19.9	19.9	88.0	88.0	6.1	6.1	11.8	11.8	9	77	77	77	822097	817796	<0.2	<0.2	1.7	1.7								
					11.0	0.4	58	29.0	8.0	8.0	19.9	19.9	88.0	88.0	6.1	6.1	11.7	11.7	7	77	77	77	822097	817796	<0.2	<0.2	1.6	1.6								
IM1	Sunny	Rough	13:37	5.6	Surface	1.0	0.1	-	30.3	30.3	8.2	8.2	15.2	15.2	102.9	102.9	7.1	7.1	9.7	9.7	6	72	72	72	817950	807132	<0.2	<0.2	1.7	1.7						
						1.0	0.1	-	30.3	30.3	8.2	8.2	15.2	15.2	102.9	102.9	7.1	7.1	9.7	9.7	6	73	73	73	817950	807132	<0.2	<0.2	1.7	1.7						
						2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
					2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					4.6	0.1	127	28.2	8.0	8.0	24.7	24.7	68.4	68.4	4.7	4.7	19.1	19.1	6	74	74	74	817950	807132	<0.2	<0.2	1.8	1.8								
					4.6	0.1	135	28.2	8.0	8.0	24.7	24.7	68.4	68.4	4.7	4.7	19.1	19.1	5	75	75	75	817950	807132	<0.2	<0.2	1.7	1.7								
IM2	Sunny	Rough	13:29	7.8	Surface	1.0	0.5	182	29.9	29.9	8.1	8.1	15.1	15.1	89.5	89.5	6.2	6.2	10.8	10.8	8	70	70	70	818180	806142	<0.2	<0.2	1.6	1.6						
						1.0	0.5	198	29.9	8.1	8.1	15.1	15.1	89.5	89.5	6.2	6.2	10.8	10.8	7	71	71	71	818180	806142	<0.2	<0.2	1.6	1.6							
						3.9	0.6	187	28.6	8.0	8.0	18.9	18.9	64.0	64.0	4.5	4.5	16.9	16.9	7	72	72	72	818180	806142	<0.2	<0.2	1.8	1.8							
					3.9	0.6	191	28.6	8.0	8.0	18.9	18.9	64.0	64.0	4.5	4.5	16.9	16.9	8	73	73	73	818180	806142	<0.2	<0.2	1.6	1.6								
					6.8	0.3	119	27.6	8.0	8.0	27.9	27.9	69.6	69.6	4.7	4.7	18.8	18.8	8	74	74	74	818180	806142	<0.2	<0.2	1.8	1.8								
					6.8	0.3	126	27.6	8.0	8.0	27.9	27.9	69.6	69.6	4.7	4.7	18.8	18.8	8	74	74	74	818180	806142	<0.2	<0.2	1.7	1.7								
IM3	Sunny	Rough	13:23	8.1	Surface	1.0	0.6	207	29.9	29.9	8.1	8.1	14.8	14.8	88.0	88.0	6.1	6.1	11.9	11.9	5	71	71	71	818760	805622	<0.2	<0.2	1.6	1.6						
						1.0	0.6	208	29.9	8.1	8.1	14.8	14.8	88.0	88.0	6.1	6.1	11.9	11.9	4	71	71	71	818760	805622	<0.2	<0.2	1.5	1.5							
						4.1	0.6	210	29.1	8.0	8.0	19.5	19.5	66.7	66.7	4.6	4.6	19.5	19.5	5	73	73	73	818760	805622	<0.2	<0.2	1.6	1.6							
					4.1	0.7	227	29.1	8.0	8.0	19.5	19.5	66.7	66.7	4.6	4.6	19.5	19.5	6	72	72	72	818760	805622	<0.2	<0.2	1.6	1.6								
					7.1	0.3	181	27.6	7.9	7.9	28.0	28.0	62.7	62.7	4.2	4.2	18.2	18.2	6	75	75	75	818760	805622	<0.2	<0.2	1.7	1.7								
					7.1	0.3	191	27.6	7.9	7.9	28.0	28.0	62.7	62.7	4.2	4.2	18.2	18.2	5	74	74	74	818760	805622	<0.2	<0.2	1.5	1.5								
IM4	Sunny	Rough	13:13	8.1	Surface	1.0	0.3	187	30.0	30.0	8.1	8.1	14.6	14.6	97.3	97.3	6.8	6.8	10.1	10.1	6	70	70	70	819739	804625	<0.2	<0.2	1.7	1.7						
						1.0	0.3	198	30.0	8.1	8.1	14.6	14.6	97.3	97.3	6.8	6.8	10.1	10.1	7	71	71	71	819739	804625	<0.2	<0.2	1.7	1.7							
						4.1	0.5	192	29.9	8.1	8.1	14.7	14.7	90.6	90.6	6.3	6.3	12.5	12.5	6	72	72	72	819739	804625	<0.2	<0.2	1.7	1.7							
					4.1	0.6	192	29.9	8.1	8.1	14.7	14.7	90.6	90.6	6.3	6.3	12.5	12.5	5	72	72	72	819739	804625	<0.2	<0.2	1.5	1.5								
					7.1	0.5	176	28.5	7.9	7.9	25.6	25.6	76.3	76.3	5.1	5.1	18.5	18.5	6	73	73	73	819739	804625	<0.2	<0.2	1.5	1.5								
					7.1	0.5	177	28.5	7.9	7.9	25.6	25.6	76.3	76.3	5.1	5.1	18.5	18.5	6	74	74	74	819739	804625	<0.2	<0.2	1.7	1.7								
IM5	Sunny	Moderate	13:04	7.1	Surface	1.0	0.3	182	29.8	29.8	8.1	8.1	14.3	14.3	89.5	89.5	6.3	6.3	9.9	9.9	6	71	71	71	820738	804884	<0.2	<0.2	1.7	1.7						
						1.0	0.4	195	29.8	8.1	8.1	14.3	14.3	89.5	89.5	6.3	6.3	9.9	9.9	6	70	70	70	820738	804884	<0.2	<0.2	1.8	1.8							
						3.6	0.5	199	29.3	8.0	8.0	19.6	19.6	84.4	84.4	5.8	5.8	12.4	12.4	5	73	73	73	820738	804884	<0.2	<0.2	1.7	1.7							
					3.6	0.5	207	29.3	8.0	8.0	19.6	19.6	84.4	84.4	5.8	5.8	12.4	12.4	4	73	73	73	820738	804884	<0.2	<0.2	1.5	1.5								
					6.1	0.2	144	28.1	7.9	7.9	25.4	25.4	66.1	66.1	4.5	4.5	23.7	23.7	5	74	74	74	820738	804884</												

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

Water Quality Monitoring

Water Quality Monitoring Results on 30 June 18 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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)		
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value
IM9	Sunny	Moderate	13:11	7.3	Surface	1.0	0.4	166	29.8	29.8	8.0	8.0	15.1	15.1	90.1	90.1	6.3	6.2	11.7	13.3	7	8	73	75	822068	808815	<0.2	1.9	2.0	2.0	
						1.0	0.5	166	29.8	8.0	8.0	15.1	15.1	90.1	90.1	6.3	6.2	11.8	13.3	7	8	73	75	<0.2	1.9	2.0	2.0				
						3.7	0.3	141	29.5	29.5	8.0	8.0	15.6	15.6	85.7	85.6	6.0	6.0	13.2	13.0	8	8	75	75	<0.2	2.0	2.0	2.0			
					3.7	0.4	147	29.5	29.5	8.0	8.0	15.6	15.6	85.5	85.6	6.0	6.0	13.2	13.0	7	8	75	75	<0.2	2.0	2.0	2.0				
					6.3	0.2	138	29.3	29.3	8.0	8.0	16.6	16.5	83.4	83.5	5.8	5.8	15.0	15.0	8	8	77	77	<0.2	2.1	2.0	2.0				
					6.3	0.2	148	29.3	29.3	8.0	8.0	16.5	16.5	83.5	83.5	5.8	5.8	15.0	15.0	10	8	77	77	<0.2	2.1	2.0	2.0				
IM10	Sunny	Moderate	13:17	7.7	Surface	1.0	0.7	145	29.7	29.7	8.0	8.0	15.2	15.2	90.2	90.1	6.3	6.2	12.0	16.0	8	8	73	75	822364	809798	<0.2	1.9	1.9	1.9	
						1.0	0.7	151	29.7	29.7	8.0	8.0	15.2	15.2	90.0	90.1	6.3	6.2	12.0	16.0	8	8	73	75	<0.2	1.9	1.9	1.9			
						3.9	0.5	111	29.5	29.5	8.0	8.0	15.6	15.6	86.6	86.6	6.1	6.1	14.2	14.2	8	8	75	75	<0.2	1.9	1.9	1.9			
					3.9	0.5	118	29.5	29.5	8.0	8.0	15.6	15.6	86.6	86.6	6.1	6.1	14.2	14.2	8	8	75	75	<0.2	1.9	1.9	1.9				
					6.7	0.4	109	29.3	29.3	8.0	8.0	16.8	16.8	85.2	85.2	5.9	5.9	21.8	21.8	8	8	77	77	<0.2	1.9	1.9	1.9				
					6.7	0.5	110	29.3	29.3	8.0	8.0	16.8	16.8	85.3	85.3	6.0	6.0	21.6	21.6	9	8	77	77	<0.2	1.9	1.9	1.9				
IM11	Sunny	Moderate	13:26	6.5	Surface	1.0	0.8	124	29.9	29.9	8.0	8.0	14.6	14.6	93.4	93.4	6.5	6.4	10.9	15.1	6	8	73	75	822082	811443	<0.2	2.0	2.0	2.0	
						1.0	0.9	127	29.9	29.9	8.0	8.0	14.6	14.6	93.4	93.4	6.5	6.4	10.9	15.1	8	8	73	75	<0.2	2.0	2.0	2.0			
						3.3	0.7	110	29.5	29.5	8.0	8.0	15.4	15.4	87.9	87.9	6.2	6.2	13.7	13.7	8	8	75	75	<0.2	2.2	2.0	2.0			
					3.3	0.7	110	29.5	29.5	8.0	8.0	15.4	15.4	87.8	87.9	6.2	6.2	13.7	13.7	8	8	75	75	<0.2	2.0	2.0	2.0				
					5.5	0.5	94	29.2	29.2	8.0	8.0	17.3	17.3	85.9	85.9	6.0	6.0	20.9	20.9	8	8	77	77	<0.2	2.0	2.0	2.0				
					5.5	0.6	99	29.2	29.2	8.0	8.0	17.3	17.3	85.9	85.9	6.0	6.0	20.6	20.6	8	8	77	77	<0.2	1.9	2.0	2.0				
IM12	Sunny	Moderate	13:31	8.9	Surface	1.0	0.5	115	30.0	30.0	8.0	8.0	14.7	14.7	97.7	97.7	6.8	6.7	10.2	14.9	6	6	73	75	821480	812039	<0.2	2.0	2.0	2.0	
						1.0	0.5	121	30.0	30.0	8.0	8.0	14.7	14.7	97.6	97.7	6.8	6.7	10.2	14.9	6	6	73	75	<0.2	2.0	2.0	2.0			
						4.5	0.5	103	29.7	29.7	8.0	8.0	15.0	15.0	93.8	93.8	6.6	6.6	12.1	12.1	6	6	75	75	<0.2	1.9	2.0	2.0			
					4.5	0.5	110	29.7	29.7	8.0	8.0	15.0	15.0	93.7	93.8	6.6	6.6	12.2	12.2	6	6	75	75	<0.2	2.0	2.0	2.0				
					7.9	0.5	90	29.5	29.5	8.0	8.0	16.2	16.2	89.1	89.2	6.2	6.2	22.2	22.2	6	6	77	77	<0.2	2.1	2.0	2.0				
					7.9	0.5	96	29.5	29.5	8.0	8.0	16.2	16.2	89.2	89.2	6.2	6.2	22.3	22.3	6	6	77	77	<0.2	2.1	2.0	2.0				
SR2	Sunny	Moderate	13:45	4.6	Surface	1.0	0.5	87	30.1	30.1	8.0	8.0	14.4	14.4	98.8	98.8	6.9	6.9	10.2	10.6	7	7	73	74	821464	814150	<0.2	2.1	2.2	2.2	
						1.0	0.6	93	30.1	30.1	8.0	8.0	14.4	14.4	98.7	98.7	6.9	6.9	10.2	10.6	6	7	73	75	<0.2	2.3	2.3	2.3			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					3.6	0.5	80	29.8	29.8	8.0	8.0	15.7	15.6	97.3	97.4	6.8	6.8	10.9	10.9	7	7	75	75	<0.2	2.3	2.3	2.3				
					3.6	0.5	81	29.8	29.8	8.0	8.0	15.6	15.6	97.5	97.4	6.8	6.8	10.9	10.9	6	7	75	75	<0.2	2.2	2.3	2.3				
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SR3	Sunny	Moderate	13:01	9.2	Surface	1.0	0.8	193	29.9	29.9	8.0	8.0	14.6	14.6	92.7	92.6	6.5	6.1	11.5	15.5	7	7	-	-	822133	807580	-	-	-	-	
						1.0	0.8	207	29.9	29.9	8.0	8.0	14.6	14.6	92.5	92.6	6.5	6.1	11.5	15.5	7	7	-	-	-	-	-	-	-	-	-
						4.6	0.7	171	29.2	29.2	7.9	7.9	17.1	17.1	80.6	80.7	5.6	5.6	16.6	16.6	6	7	-	-	-	-	-	-	-	-	-
					4.6	0.7	187	29.2	29.2	7.9	7.9	17.1	17.1	80.7	80.7	5.6	5.6	16.7	16.7	8	7	-	-	-	-	-	-	-	-	-	-
					8.2	0.5	183	29.3	29.3	7.9	7.9	17.3	17.3	82.9	83.0	5.8	5.8	18.5	18.5	6	7	-	-	-	-	-	-	-	-	-	-
					8.2	0.5	191	29.3	29.3	7.9	7.9	17.3	17.3	83.1	83.0	5.8	5.8	18.4	18.4	8	7	-	-	-	-	-	-	-	-	-	-
SR4A	Sunny	Calm	14:20	9.0	Surface	1.0	0.2	96	30.3	30.3	8.2	8.2	14.8	14.8	92.5	92.5	6.4	5.4	11.5	17.6	6	6	-	-	817202	807825	-	-	-	-	
						1.0	0.2	99	30.3	30.3	8.2	8.2	14.8	14.8	92.5	92.5	6.4	5.4	11.5	17.6	7	6	-	-	-	-	-	-	-	-	
						4.5	0.1	95	28.9	28.9	8.0	8.0	21.6	21.6	65.0	65.0	4.4	4.4	18.9	18.9	6	6	-	-	-	-	-	-	-	-	
					4.5	0.1	102	28.9	28.9	8.0	8.0	21.6	21.6	65.0	65.0	4.4	4.4	18.9	18.9	5	6	-	-	-	-	-	-	-	-	-	
					8.0	0.1	83	27.6	27.6	8.0	8.0	27.4	27.4	63.1	63.1	4.3	4.3	22.3	22.3	8	6	-	-	-	-	-	-	-	-	-	
					8.0	0.1	83	27.6	27.6	8.0	8.0	27.4	27.4	63.1	63.1	4.3	4.3	22.3	22.3	6	6	-	-	-	-	-	-	-	-	-	
SR5A	Sunny	Calm	14:37	4.6	Surface	1.0	0.1	26	30.5	30.5	8.4	8.4	16.6	16.6	140.3	140.3	9.6	9.6	10.6	11.1	8	11	-	-	816575	810688	-	-	-	-	
						1.0	0.1	28	30.5	30.5	8.4	8.4	16.6	16.6	140.3	140.3	9.6	9.6	10.6	11.1	10	11	-	-	-	-	-	-	-		
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
					3.6	0.1	133	30.4	30.4	8.3	8.3	16.7	16.7	126.2	126.2	8.7	8.7	11.6	11.6	12	12	-	-	-	-	-	-	-			
					3.6	0.1	142	30.4	30.4	8.3	8.3	16.7	16.7	126.2	126.2	8.7	8.7	11.6	11.6	12	12	-	-	-	-	-	-	-			
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SR6	Sunny	Calm	15:02	4.1	Surface	1.0	0.1	333	30.7	30.7	8.5	8.5	16.0	16.0	158.4	158.4	10.8	10.8	11.4	13.9	12	12	-	-	817891	814643	-	-	-	-	
						1.0	0.1	357	30.7	30.7	8.5	8.5	16.0	16.0	158.4	158.4	10.8	10.8	11.4	13.9	12	12	-	-	-	-	-	-			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
					3.1	0.0	111	29.9																							

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

Water Quality Monitoring

Water Quality Monitoring Results on 30 June 18 during Mid-Flood Tide

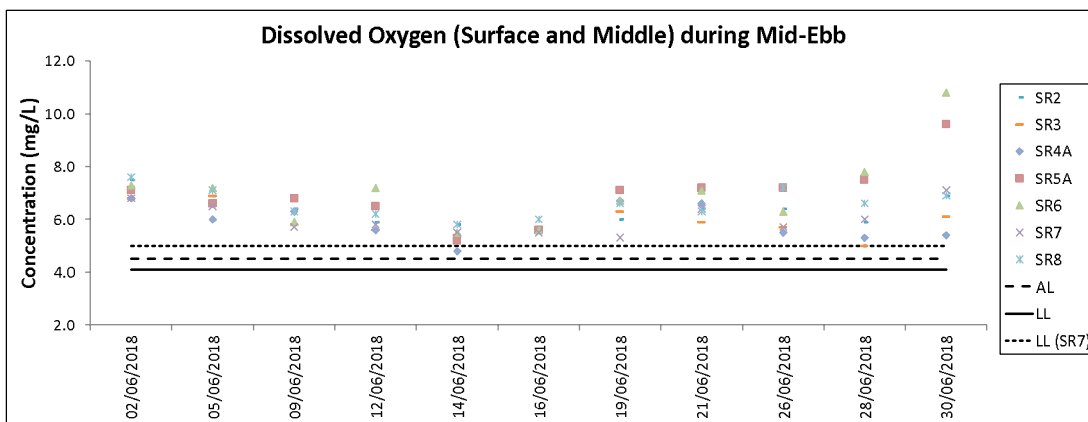
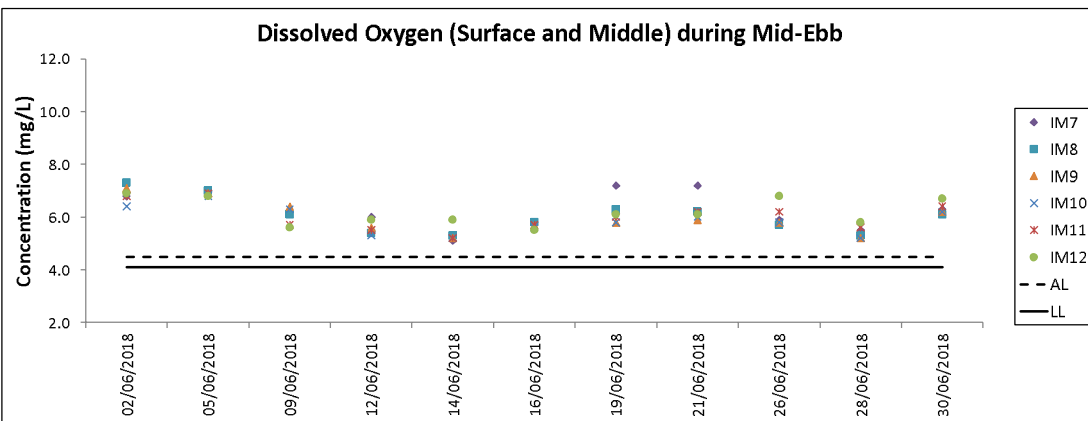
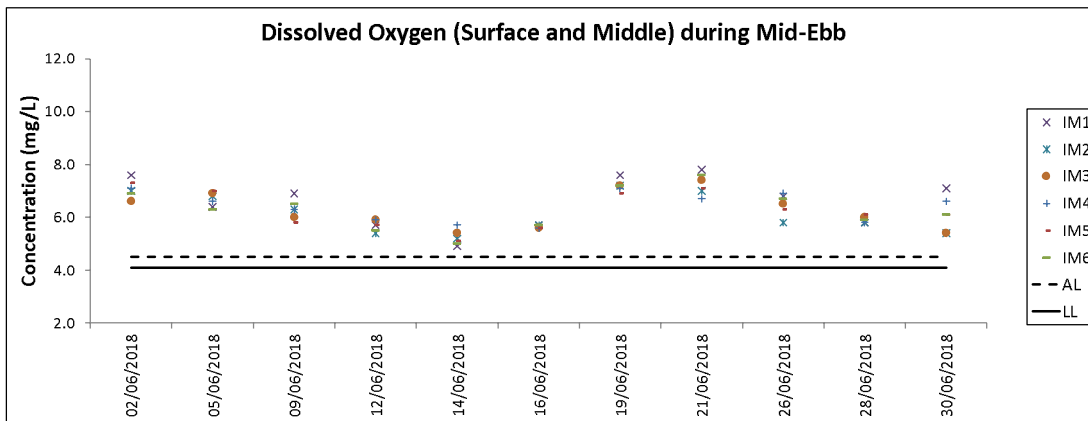
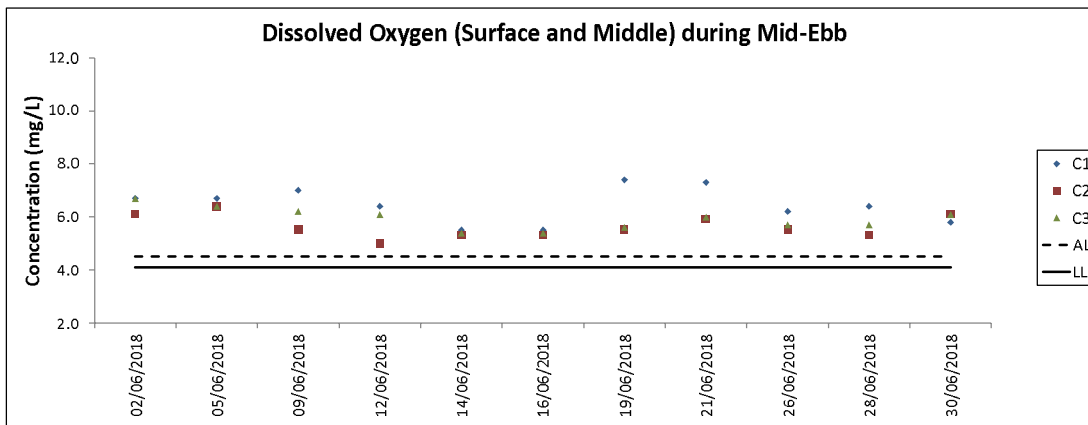
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA		
									Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA
C1	Cloudy	Moderate	07:27	8.8	Surface	1.0	0.5	46	29.3	8.0	8.0	13.9	13.9	74.0	74.0	5.3	4.6	15.7	18.1	5	9	72	73	815605	804253	<0.2	<0.2	1.8	1.6			
						1.0	0.5	49	29.3	8.0	8.0	13.9	13.9	74.0	74.0	5.3	4.6	15.7	18.1	6	9	73	73	<0.2	<0.2	1.7	1.6					
						4.4	0.5	32	27.7	8.0	8.0	27.0	27.0	57.6	57.6	3.9	4.6	17.7	17.7	9	9	73	73	<0.2	<0.2	1.6	1.5					
					4.4	0.5	35	27.7	8.0	8.0	27.0	27.0	57.6	57.6	3.9	4.6	17.7	17.7	10	9	73	73	<0.2	<0.2	1.7	1.5						
					7.8	0.5	20	27.5	7.9	7.9	28.4	28.4	74.8	74.8	5.0	5.0	20.8	20.8	11	9	74	74	<0.2	<0.2	1.5	1.5						
					7.8	0.5	20	27.5	7.9	7.9	28.4	28.4	74.8	74.8	5.0	5.0	20.8	20.8	11	9	74	74	<0.2	<0.2	1.5	1.5						
C2	Sunny	Moderate	08:57	13.1	Surface	1.0	0.7	22	29.5	8.0	8.0	12.2	12.2	91.9	91.9	6.6	6.3	12.2	11.4	5	6	73	75	825673	806916	<0.2	<0.2	2.5	2.4			
						1.0	0.7	22	29.5	8.0	8.0	12.2	12.2	91.8	91.9	6.6	6.3	12.2	11.4	4	6	73	75	<0.2	<0.2	2.7	2.2					
						6.6	0.5	346	29.6	7.9	7.9	15.4	15.4	84.8	84.8	5.9	5.7	11.1	11.1	7	6	75	75	<0.2	<0.2	2.2	2.2					
					6.6	0.5	318	29.6	7.9	7.9	15.4	15.4	84.8	84.8	5.9	5.7	11.1	11.1	6	6	75	75	<0.2	<0.2	2.2	2.2						
					12.1	0.3	337	29.4	7.9	7.9	17.2	17.2	81.8	82.0	5.7	5.7	10.9	10.9	7	6	77	77	<0.2	<0.2	2.6	2.6						
					12.1	0.3	347	29.4	7.9	7.9	17.2	17.2	82.1	82.0	5.7	5.7	10.9	10.9	8	6	77	77	<0.2	<0.2	2.4	2.4						
C3	Sunny	Moderate	07:06	12.2	Surface	1.0	0.4	266	29.5	8.1	8.1	15.7	15.7	86.9	86.9	6.1	5.7	9.6	9.8	7	6	73	75	822094	817826	<0.2	<0.2	2.5	2.4			
						1.0	0.5	274	29.5	8.1	8.1	15.7	15.7	86.9	86.9	6.1	5.7	9.6	9.8	6	6	73	75	<0.2	<0.2	2.5	2.5					
						6.1	0.6	253	29.3	8.1	8.1	18.0	18.0	74.5	74.4	5.2	5.2	9.6	9.7	6	6	75	75	<0.2	<0.2	2.3	2.4					
					6.1	0.6	269	29.2	8.1	8.1	18.0	18.0	74.2	74.4	5.2	5.2	9.7	9.7	6	6	75	75	<0.2	<0.2	2.4	2.4						
					11.2	0.4	273	27.5	8.0	8.0	26.2	26.1	71.8	72.0	4.9	4.9	10.2	10.2	6	6	76	76	<0.2	<0.2	2.2	2.2						
					11.2	0.4	285	27.6	8.0	8.0	26.1	26.1	72.1	72.0	4.9	4.9	10.1	10.1	6	6	77	77	<0.2	<0.2	2.2	2.2						
IM1	Sunny	Moderate	07:43	5.7	Surface	1.0	0.1	356	29.5	8.0	8.0	14.8	14.8	93.8	93.8	6.6	6.6	12.4	14.7	5	5	72	73	817943	807131	<0.2	<0.2	1.8	1.8			
						1.0	0.2	336	29.5	8.0	8.0	14.8	14.8	93.8	93.8	6.6	6.6	12.4	14.7	4	5	73	73	<0.2	<0.2	1.7	1.7					
						2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					4.7	0.2	10	29.4	8.0	8.0	15.9	15.9	93.1	93.1	6.5	6.5	16.9	16.9	5	5	74	74	<0.2	<0.2	1.8	1.8						
					4.7	0.2	10	29.4	8.0	8.0	15.9	15.9	93.1	93.1	6.5	6.5	16.9	16.9	4	5	73	73	<0.2	<0.2	1.8	1.8						
IM2	Sunny	Moderate	07:50	7.8	Surface	1.0	0.1	321	29.3	8.0	8.0	14.1	14.1	95.1	95.1	6.7	6.7	9.0	9.3	4	5	71	73	818133	806168	<0.2	<0.2	1.6	1.5			
						1.0	0.2	332	29.3	8.0	8.0	14.1	14.1	95.1	95.1	6.7	6.7	9.0	9.3	5	5	70	73	<0.2	<0.2	1.6	1.5					
						3.9	0.3	358	29.3	8.0	8.0	14.5	14.5	94.7	94.7	6.7	6.7	9.2	9.2	5	5	73	73	<0.2	<0.2	1.5	1.4					
					3.9	0.3	329	29.3	8.0	8.0	14.5	14.5	94.7	94.7	6.7	6.7	9.2	9.2	4	5	72	72	<0.2	<0.2	1.4	1.4						
					6.8	0.3	29	29.4	8.0	8.0	15.2	15.2	96.6	96.6	6.8	6.8	9.6	9.6	5	5	75	75	<0.2	<0.2	1.5	1.5						
					6.8	0.3	29	29.4	8.0	8.0	15.2	15.2	96.6	96.6	6.8	6.8	9.6	9.6	4	5	75	75	<0.2	<0.2	1.4	1.4						
IM3	Sunny	Moderate	07:56	8.3	Surface	1.0	0.2	332	29.3	8.0	8.0	13.4	13.4	91.0	91.0	6.5	6.3	11.6	13.9	5	6	71	73	818784	805570	<0.2	<0.2	1.4	1.4			
						1.0	0.3	332	29.3	8.0	8.0	13.4	13.4	91.0	91.0	6.5	6.3	11.6	13.9	4	6	71	73	<0.2	<0.2	1.3	1.3					
						4.2	0.3	317	29.3	8.0	8.0	16.0	16.0	86.6	86.6	6.1	6.1	15.4	15.4	5	6	72	73	<0.2	<0.2	1.4	1.4					
					4.2	0.3	332	29.3	8.0	8.0	16.0	16.0	86.6	86.6	6.1	6.1	15.4	15.4	6	6	73	73	<0.2	<0.2	1.4	1.4						
					7.3	0.4	33	29.3	8.0	8.0	17.8	17.8	89.8	89.8	6.2	6.2	14.7	14.7	6	6	74	74	<0.2	<0.2	1.3	1.3						
					7.3	0.5	33	29.3	8.0	8.0	17.8	17.8	89.8	89.8	6.2	6.2	14.7	14.7	7	6	74	74	<0.2	<0.2	1.4	1.4						
IM4	Sunny	Moderate	08:04	7.1	Surface	1.0	0.4	356	29.4	8.0	8.0	14.1	14.1	91.0	91.0	6.4	6.1	11.0	17.8	7	6	70	71	819713	804606	<0.2	<0.2	1.4	1.5			
						1.0	0.4	328	29.4	8.0	8.0	14.1	14.1	91.0	91.0	6.4	6.1	11.0	17.8	6	6	71	72	<0.2	<0.2	1.5	1.5					
						3.6	0.3	328	29.3	8.0	8.0	15.2	15.2	81.1	81.1	5.7	5.7	18.6	18.6	6	6	72	72	<0.2	<0.2	1.6	1.6					
					3.6	0.3	334	29.3	8.0	8.0	15.2	15.2	81.1	81.1	5.7	5.7	18.6	18.6	6	6	72	72	<0.2	<0.2	1.4	1.4						
					6.1	0.4	338	28.6	8.0	8.0	23.0	23.0	79.1	79.1	5.4	5.4	23.7	23.7	6	6	74	74	<0.2	<0.2	1.5	1.5						
					6.1	0.4	359	28.6	8.0	8.0	23.0	23.0	79.1	79.1	5.4	5.4	23.7	23.7	7	6	74	74	<0.2	<0.2	1.4	1.4						
IM5	Sunny	Moderate	08:10	8.1	Surface	1.0	0.4	286	29.3	8.0	8.0	14.5	14.5	92.5	92.5	6.5	6.3	9.0	11.6	4	6	70	73	820761	804875	<0.2	<0.2	1.5	1.5			
						1.0	0.4	293	29.3	8.0	8.0	14.5	14.5	92.5	92.5	6.5	6.3	9.0	11.6	5	6	71	73	<0.2	<0.2	1.5	1.5					
						4.1	0.5	271	29.3	8.0	8.0	15.3	15.3	85.9	85.9	6.0	6.0	10.3	10.3	7	6	73	73	<0.2	<0.2	1.5	1.5					
					4.1	0.5	290	29.3	8.0	8.0	15.3	15.3	85.9	85.9	6.0	6.0	10.3	10.3	6	6	73	73	<0.2	<0.2	1.6	1.6						
					7.1	0.3	308	28.8	8.0	8.0	21.2	21.2	77.2	77.2	5.3	5.3	15.6	15.6	5	6	74	74	<0.2	<0.2	1.4	1.4						
					7.1	0.3	315	28.8	8.0	8.0	21.2	21.2	77.2	77.2	5.3	5.3	15.6	15.6	7	6	75	75	<0.2	<0.2	1.5	1.5						
IM6	Sunny	Moderate	08:17	7.4	Surface	1.0	0.6	270	29.4	8.0	8.0	14.6	14.6	92.6	92.6	6.5	6.4	10.4	12.0	7	7	70	70	821042	805804	<0.2	<0.2	1.5	1.5			
						1.0	0.7	277	29.4	8.0	8.0	14.6	14.6	92.6	92.6	6.5	6.4	10.4	12.0	6	7	70	72	<0.2	<0.2	1.5	1.5					
						3.7	0.6	264	29.3	8.0	8.0	14.9	14.9	88.2	88.2	6.2	6.2	11.7	11.7	6	7	72	72	<0.2	<0.2	1.5	1.5					
					3.7	0.6	274	29.3	8.0	8.0	14.9	14.9	88.2	88.2	6.2	6.2	11.7	11.7	6	7	72											

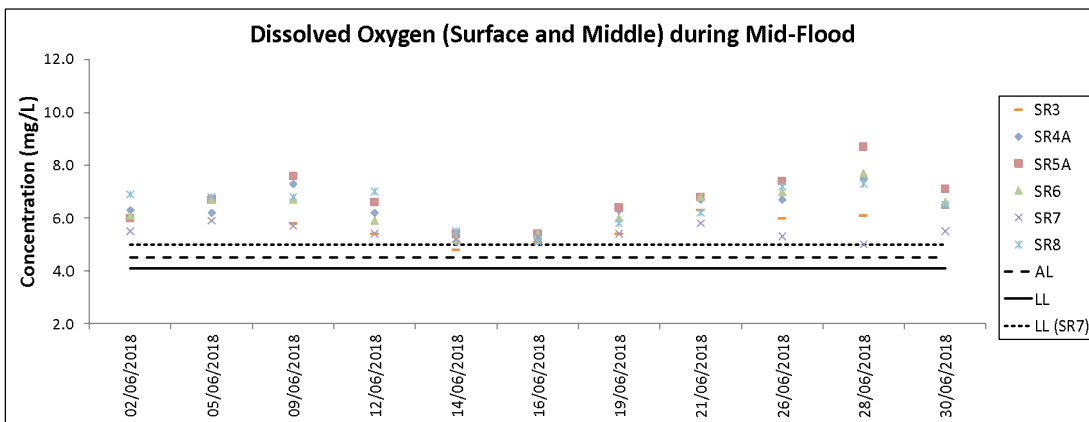
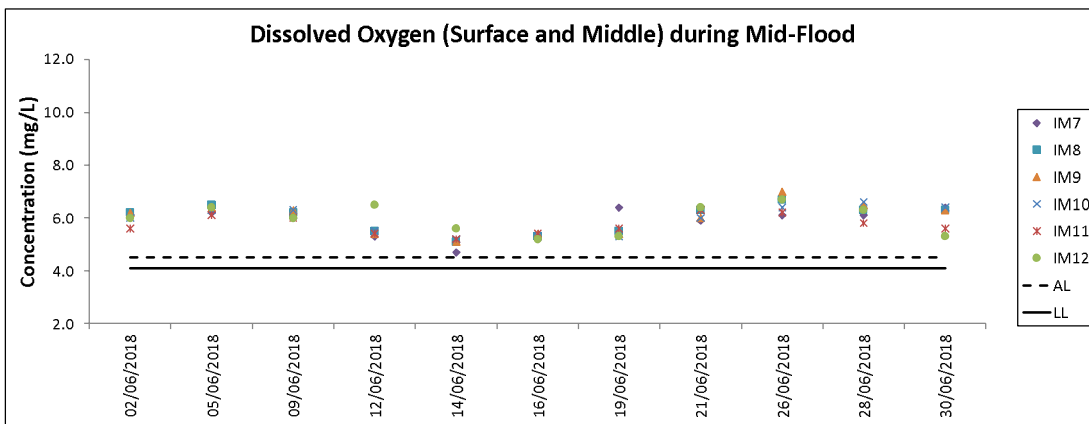
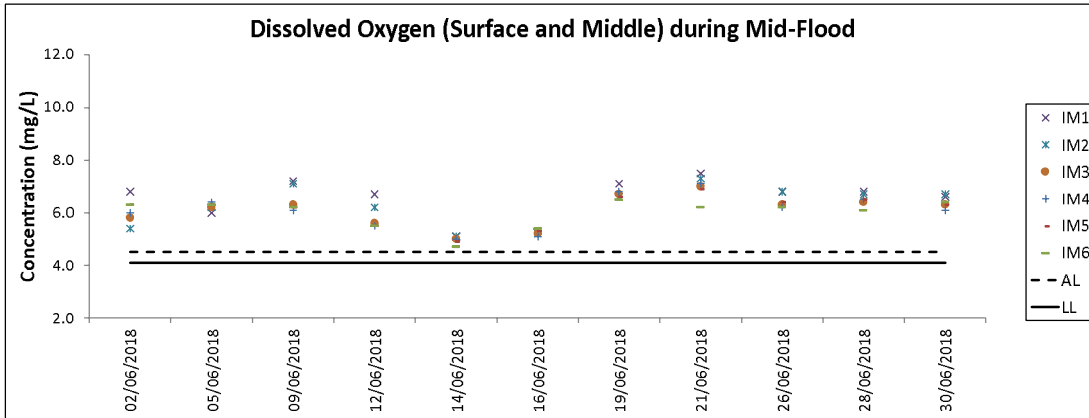
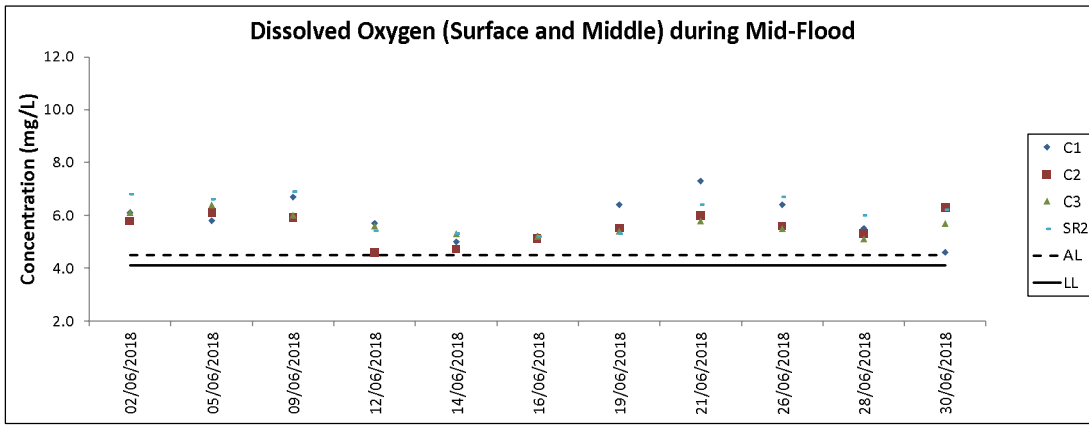
Expansion of Hong Kong International Airport into a Three-Runway System

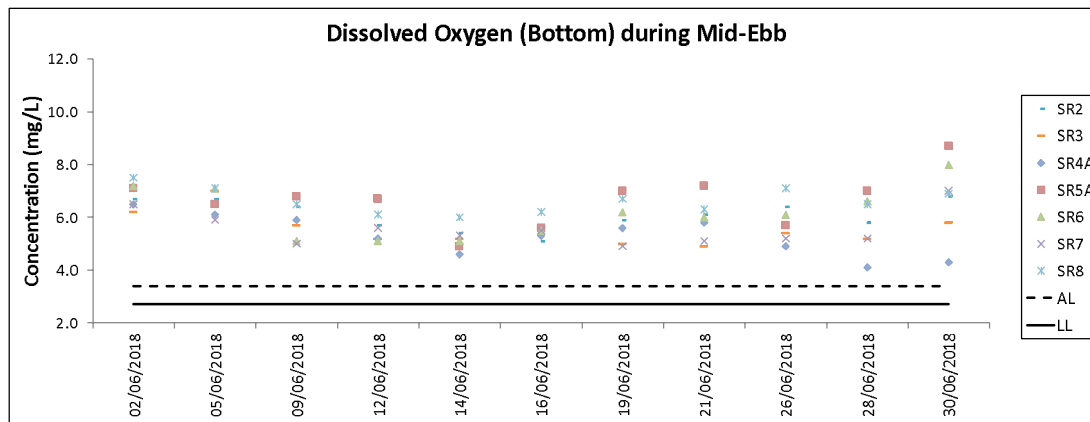
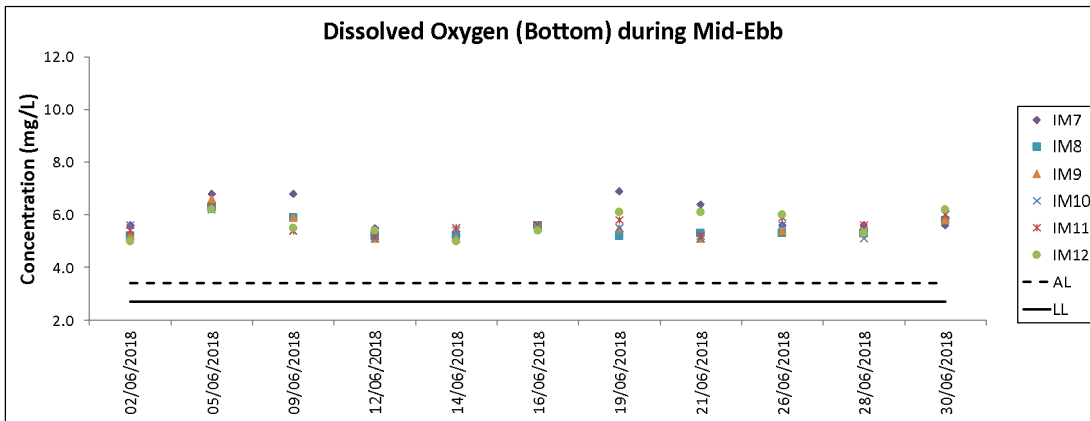
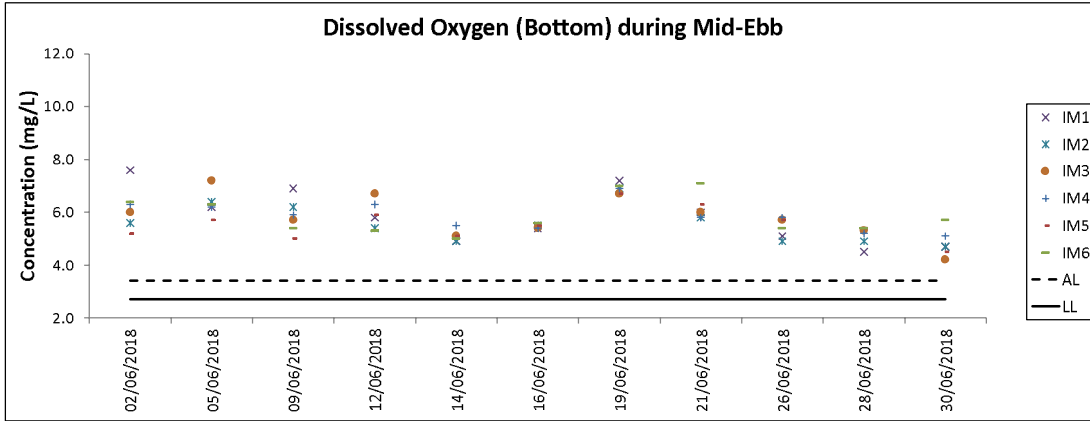
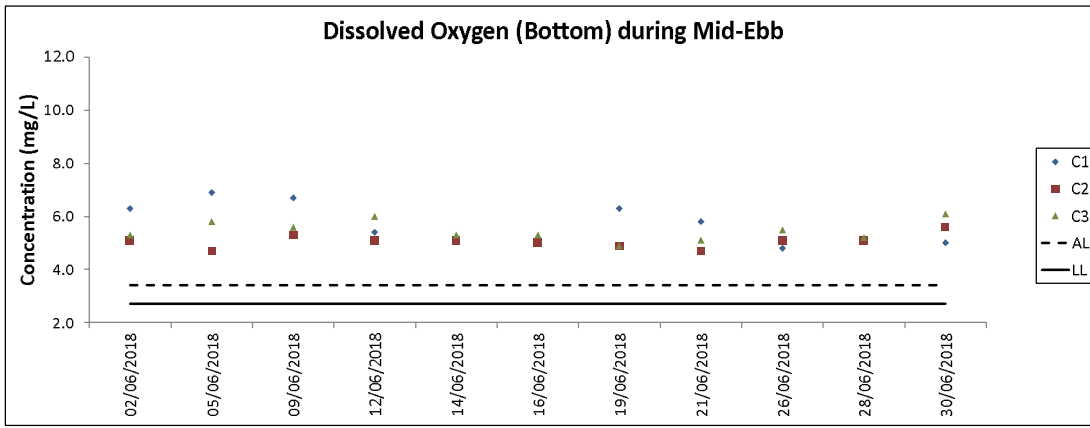
Water Quality Monitoring

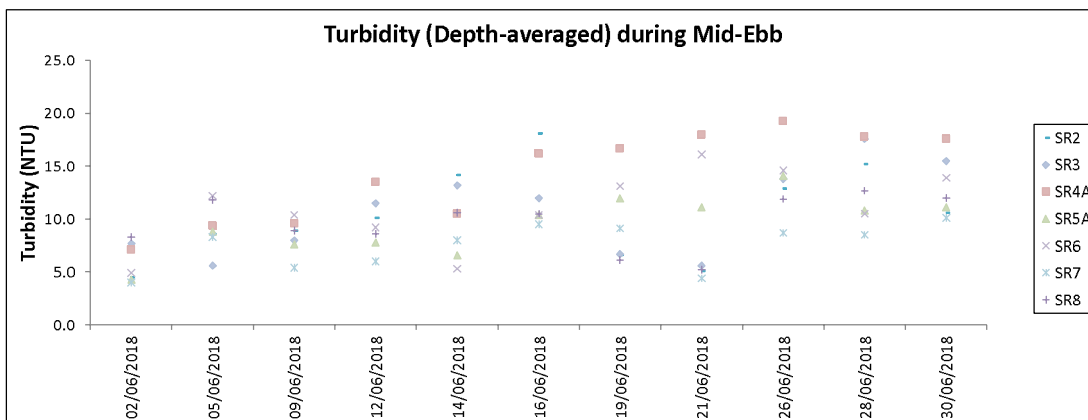
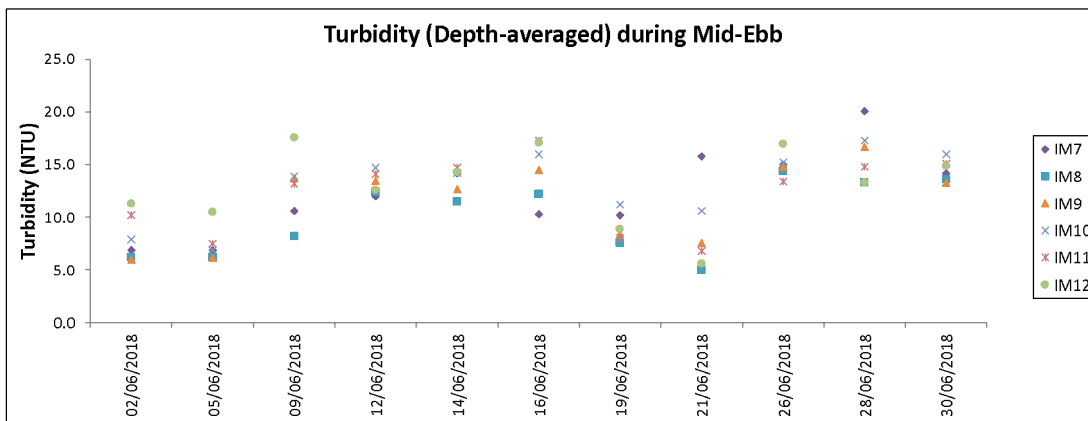
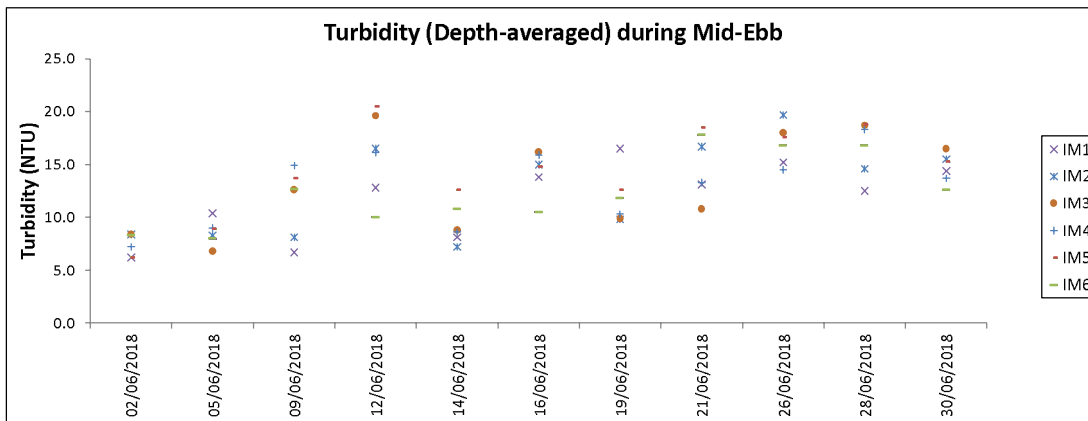
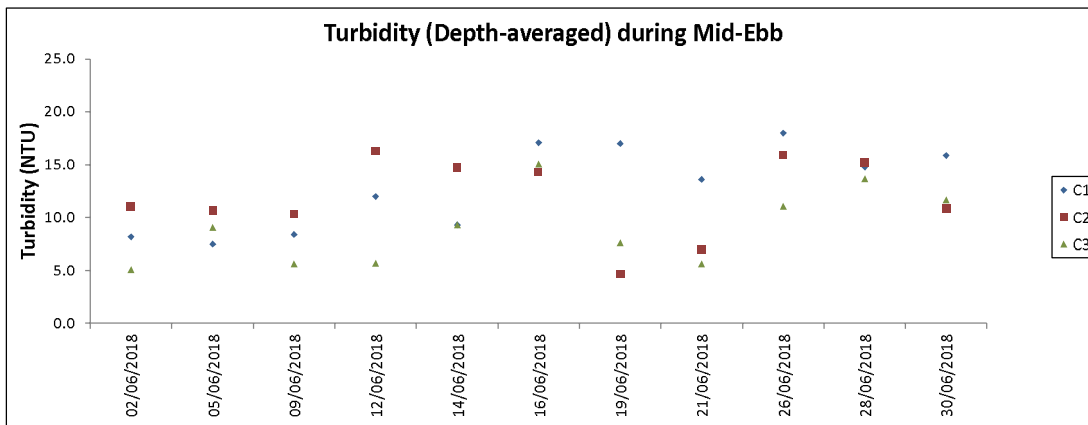
Water Quality Monitoring Results on 30 June 18 during Mid-Flood Tide

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)		Total Alkalinity (ppm)		Coordinate HK Grid (Northing)	Coordinate HK Grid (Easting)	Chromium (µg/L)		Nickel (µg/L)							
									Value	Average	Value	Average	Value	Average	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA			Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
IM9	Sunny	Moderate	08:25	8.3	Surface	1.0	0.3	3	29.6	29.6	8.0	8.0	14.8	14.8	89.5	89.5	6.3	6.3	14.9	17.8	8	8	73	75	822068	808822	<0.2	2.1	2.0							
						1.0	0.3	3	29.6	29.5	8.0	8.0	14.8	14.8	89.4	89.4	6.3	6.3	14.8	17.8	8	8	73	75			<0.2	2.0								
						4.2	0.3	331	29.5	29.5	8.0	8.0	14.9	14.9	88.6	88.6	6.2	6.2	16.9	17.8	7	7	76	75			<0.2	2.0								
					4.2	0.3	357	29.5	29.5	8.0	8.0	14.9	14.9	88.5	88.5	6.2	6.2	16.9	17.8	9	9	75	75	<0.2			2.1									
					7.3	0.3	320	29.5	29.5	8.1	8.1	15.9	15.9	89.4	89.4	6.3	6.3	21.6	17.8	9	9	77	75	<0.2			2.0									
					7.3	0.3	339	29.5	29.5	8.1	8.1	15.9	15.9	89.6	89.5	6.3	6.3	21.4	17.8	9	9	77	75	<0.2			2.0									
IM10	Sunny	Moderate	08:17	9.5	Surface	1.0	0.4	330	29.6	29.6	8.1	8.1	15.0	15.0	90.7	90.7	6.4	6.4	10.9	11.8	5	5	73	75	822368	809812	<0.2	2.1	2.0							
						1.0	0.4	352	29.6	29.5	8.1	8.1	15.0	15.0	90.6	89.5	6.4	6.3	10.8	11.8	4	4	73	75			<0.2	2.0								
						4.8	0.4	321	29.5	29.5	8.1	8.1	15.3	15.3	89.5	89.5	6.3	6.3	11.2	11.8	4	4	76	75			<0.2	1.9								
					4.8	0.5	337	29.5	29.5	8.1	8.1	15.3	15.3	89.4	89.4	6.3	6.3	11.3	11.8	4	4	75	75	<0.2			2.0									
					8.5	0.4	327	29.2	29.2	8.1	8.1	17.6	17.6	87.3	87.3	6.1	6.1	13.4	13.4	6	6	77	77	<0.2			2.0									
					8.5	0.5	338	29.2	29.2	8.1	8.1	17.6	17.6	87.4	87.4	6.1	6.1	13.4	13.4	6	6	77	77	<0.2			2.0									
IM11	Sunny	Moderate	08:06	9.5	Surface	1.0	0.6	283	29.3	29.3	8.1	8.1	16.9	16.9	84.7	84.7	5.9	5.9	17.1	20.2	15	15	74	75	822057	811472	<0.2	1.8	1.9							
						1.0	0.6	284	29.3	28.8	8.0	8.0	16.9	16.9	84.6	84.6	5.9	5.9	17.1	20.2	16	16	73	75			<0.2	1.9								
						4.8	0.5	286	28.8	28.8	8.0	8.0	19.6	19.6	75.3	75.3	5.2	5.2	20.9	20.2	14	14	75	75			<0.2	1.8								
					4.8	0.5	293	28.8	28.8	8.0	8.0	19.6	19.6	75.3	75.3	5.2	5.2	20.9	20.2	16	16	75	75	<0.2			1.9									
					8.5	0.2	282	28.7	28.7	8.0	8.0	20.4	20.4	79.1	79.1	5.5	5.5	22.8	20.2	15	15	78	78	<0.2			2.0									
					8.5	0.3	297	28.7	28.7	8.0	8.0	20.4	20.4	79.5	79.3	5.5	5.5	22.6	20.2	14	14	77	77	<0.2			1.8									
IM12	Sunny	Moderate	08:00	9.6	Surface	1.0	0.5	257	29.1	29.1	8.1	8.1	18.4	18.4	78.1	78.1	5.4	5.4	9.9	15.6	5	5	73	75	821447	812057	<0.2	1.9	2.0							
						1.0	0.5	276	29.1	28.9	8.1	8.1	18.4	18.4	78.1	78.1	5.4	5.4	10.0	15.6	7	7	73	75			<0.2	2.1								
						4.8	0.2	258	28.9	28.9	8.1	8.1	19.2	19.2	75.2	75.2	5.2	5.2	13.7	15.6	14	14	76	75			<0.2	1.9								
					4.8	0.3	261	28.9	28.9	8.1	8.1	19.2	19.2	75.1	75.1	5.2	5.2	13.7	15.6	16	16	75	75	<0.2			2.0									
					8.6	0.4	284	28.7	28.7	8.0	8.0	20.0	20.0	74.5	74.6	5.2	5.2	23.1	20.2	20	20	77	77	<0.2			2.0									
					8.6	0.4	301	28.7	28.7	8.0	8.0	20.0	20.0	74.6	74.6	5.2	5.2	23.2	20.2	21	21	77	77	<0.2			2.1									
SR2	Sunny	Moderate	07:30	5.3	Surface	1.0	0.2	9	29.6	29.6	8.1	8.1	14.7	14.7	87.4	87.5	6.1	6.1	11.5	15.4	4	4	73	75	821454	814160	<0.2	2.2	2.2							
						1.0	0.2	9	29.6	28.8	8.1	8.1	14.7	14.7	87.5	87.5	6.2	6.2	11.6	15.4	6	6	74	75			<0.2	2.2								
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		-	-	-	-	-		
					4.3	0.1	283	28.8	28.8	8.1	8.1	18.8	18.7	80.6	80.6	5.6	5.6	19.3	15.4	4	4	76	75	<0.2			2.2									
					4.3	0.1	307	28.8	28.8	8.1	8.1	18.7	18.7	80.6	80.6	5.6	5.6	19.2	15.4	5	5	75	75	<0.2			2.2									
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		-	-	-	-	-		
SR3	Sunny	Moderate	08:39	10.0	Surface	1.0	0.5	43	29.4	29.4	8.0	8.0	14.9	14.9	92.1	92.1	6.5	6.5	12.7	15.2	7	7	-	-	822170	807557	-	-	-							
						1.0	0.5	43	29.4	29.4	8.0	8.0	14.9	14.9	92.1	92.1	6.5	6.5	12.7	15.2	8	8	-	-			-	-								
						5.0	0.4	28	29.4	29.4	8.1	8.1	15.7	15.7	89.6	89.7	6.3	6.3	15.1	15.2	9	9	-	-			-	-								
					5.0	0.4	29	29.4	29.4	8.1	8.1	15.7	15.7	89.7	89.7	6.3	6.3	15.1	15.2	8	8	-	-	-			-									
					9.0	0.3	18	29.4	29.4	8.1	8.1	16.0	16.0	89.6	89.7	6.3	6.3	17.8	15.2	8	8	-	-	-			-									
					9.0	0.4	18	29.4	29.4	8.1	8.1	16.0	16.0	89.7	89.7	6.3	6.3	17.8	15.2	8	8	-	-	-			-									
SR4A	Cloudy	Calm	07:02	9.2	Surface	1.0	0.3	275	29.4	29.4	8.1	8.1	15.2	15.2	96.2	96.2	6.8	6.8	9.6	12.4	7	7	-	-	817202	807838	-	-	-							
						1.0	0.3	296	29.4	29.5	8.1	8.1	15.2	15.2	96.2	96.2	6.8	6.8	9.6	12.4	5	5	-	-												
						4.6	0.1	251	29.5	29.5	8.1	8.1	16.9	16.9	87.2	87.2	6.1	6.1	13.2	12.4	5	5	-	-												
					4.6	0.1	275	29.5	29.5	8.1	8.1	16.9	16.9	87.2	87.2	6.1	6.1	13.2	12.4	6	6	-	-													
					8.2	0.0	186	29.1	29.1	8.0	8.0	21.1	21.1	87.5	87.5	6.0	6.0	14.5	12.4	6	6	-	-													
					8.2	0.0	196	29.1	29.1	8.0	8.0	21.1	21.1	87.5	87.5	6.0	6.0	14.5	12.4	6	6	-	-													
SR5A	Cloudy	Calm	06:50	4.5	Surface	1.0	0.2	288	29.7	29.7	8.1	8.1	17.3	17.3	102.9	102.9	7.1	7.1	12.9	13.6	7	7	-	-	816607	810691	-	-	-							
						1.0	0.2	298	29.7	29.7	8.1	8.1	17.3	17.3	102.9	102.9	7.1	7.1	12.9	13.6	6	6	-	-												
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		-	-	-				
					3.5	0.2	299	29.7	29.7	8.1	8.1	18.0	18.0	103.7	103.7	7.1	7.1	14.3	13.6	9	9	-	-													
					3.5	0.2	309	29.7	29.7	8.1	8.1	18.0	18.0	103.7	103.7	7.1	7.1	14.3	13.6	7	7	-	-													
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		-	-					
SR6	Cloudy	Calm	06:39	4.7	Surface	1.0	0.1	255	29.6	29.6	8.0	8.0	14.9	14.9	94.6	94.6	6.6	6.6	10.7	10.8	7	7	-	-	817917	814659	-	-	-							
						1.0	0.1	257	29.6	29.6	8.0	8.0	14.9	14.9	94.6	94.6	6.6	6.6	10.7	10.8	7	7	-	-												
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-		-						
					3.7	0.1	216	29.6	29.6	8.0	8.0	16.2	16.2	97.7	97.7	6.8	6.8	10.9	10.8	5	5	-	-													
					3.7	0.1	233	29.6	29.6	8.0	8.0	16.2	16.2	97.7	97.7	6.8	6.8	10.9	10.8	6	6	-	-													
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-								
SR7	Sunny	Moderate	06:41	18.8	Surface	1.0	0.2	235	29.6	29.6	8.1	8.1	15.7	15.7	86.0	85.9	6.0	6.0	10.1	11.9	2	3	-	-	823636	823735	-	-	-							
						1.0	0.2	240	29.6	29.2	8.1	8.1	15.7	15.7	85.8	85																				

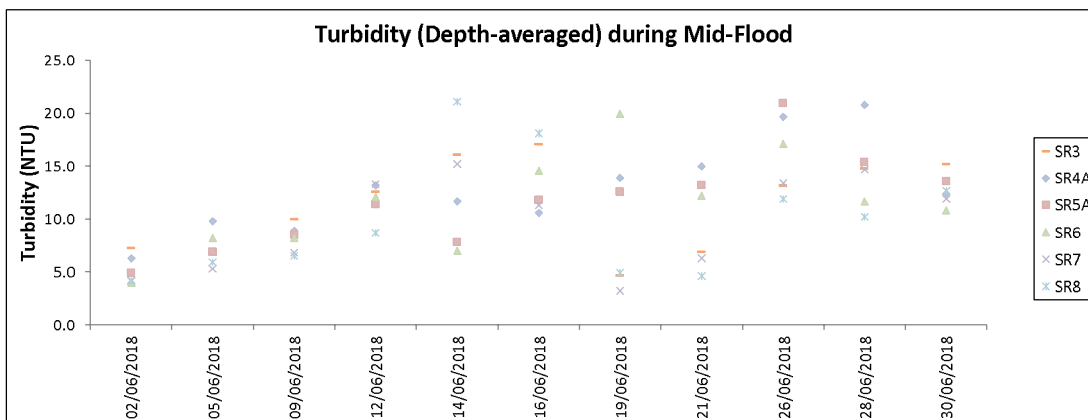
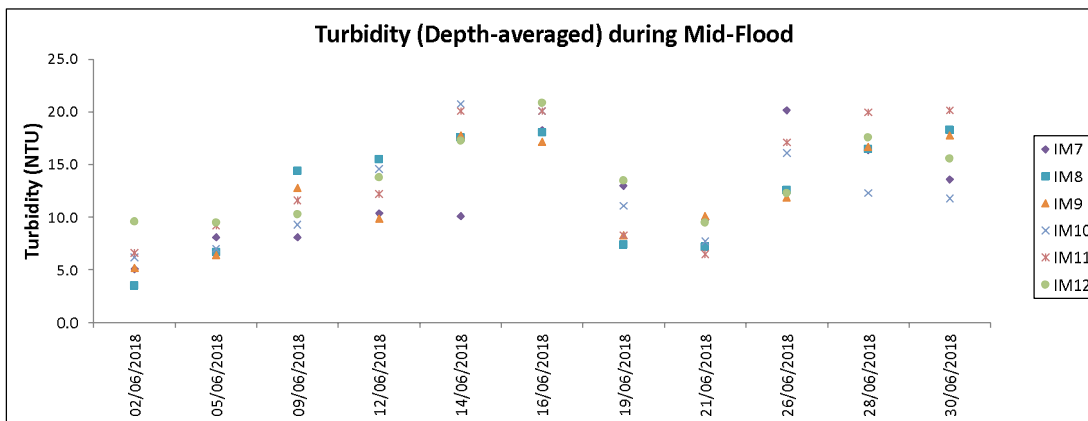
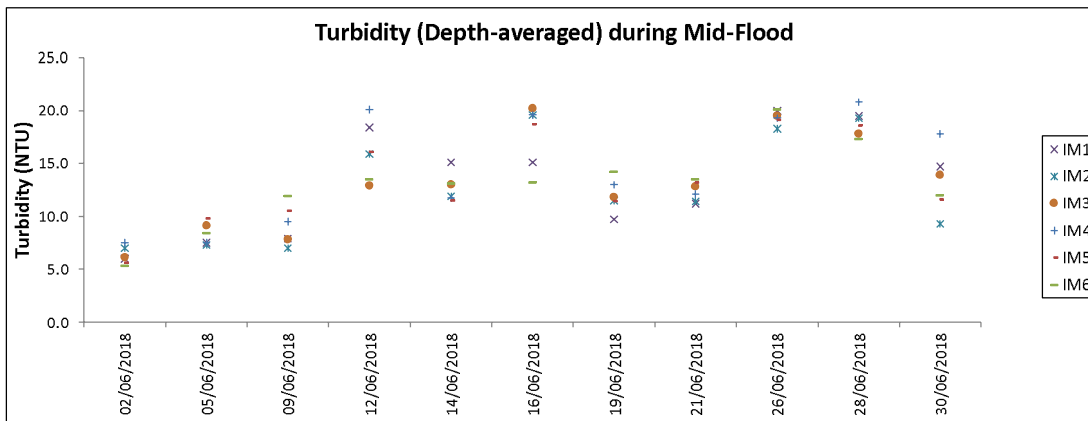
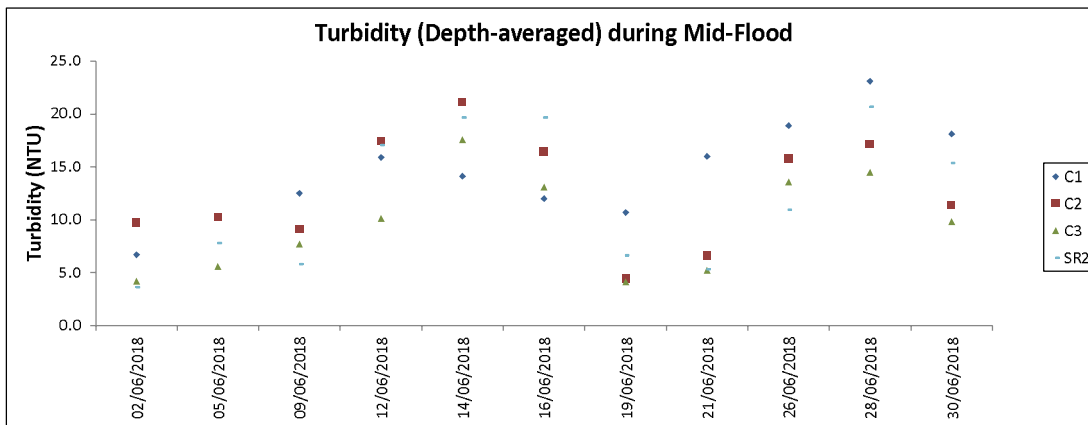




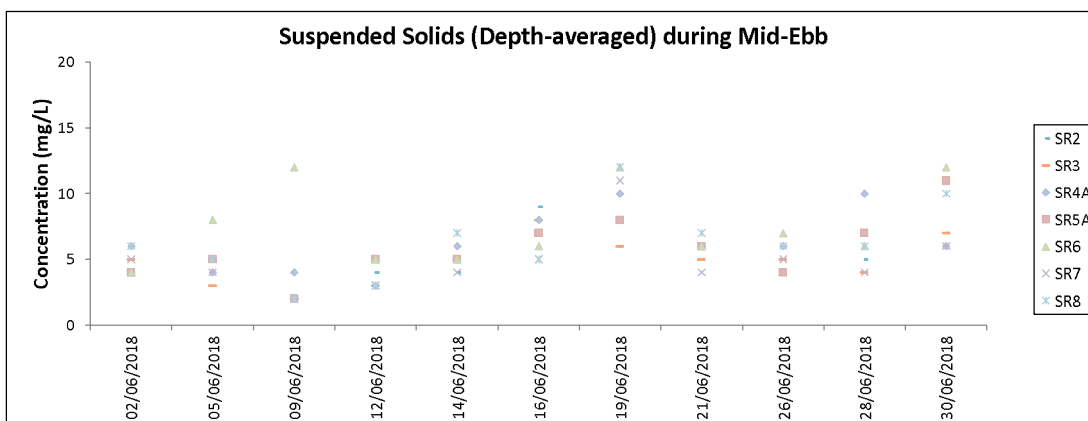
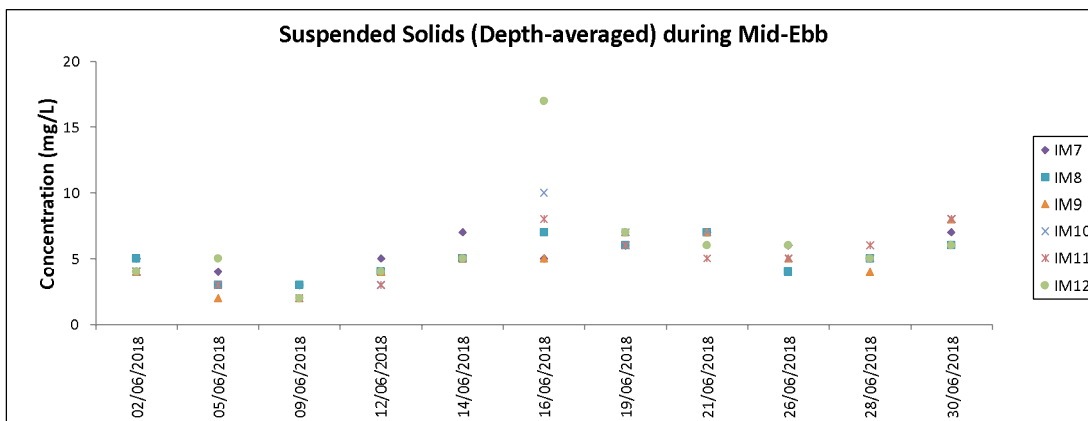
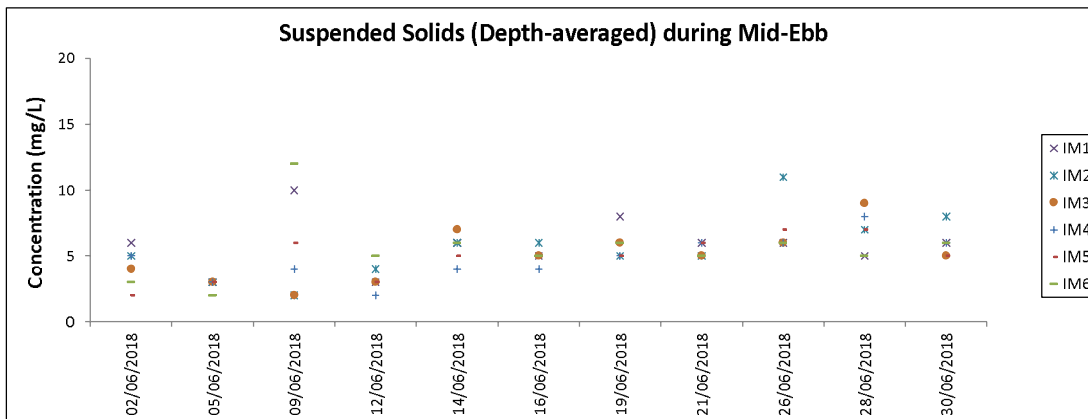
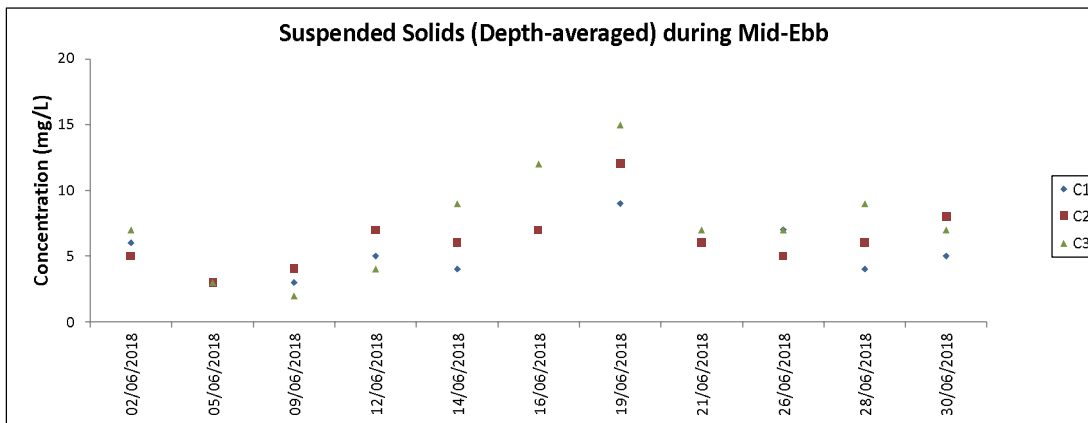




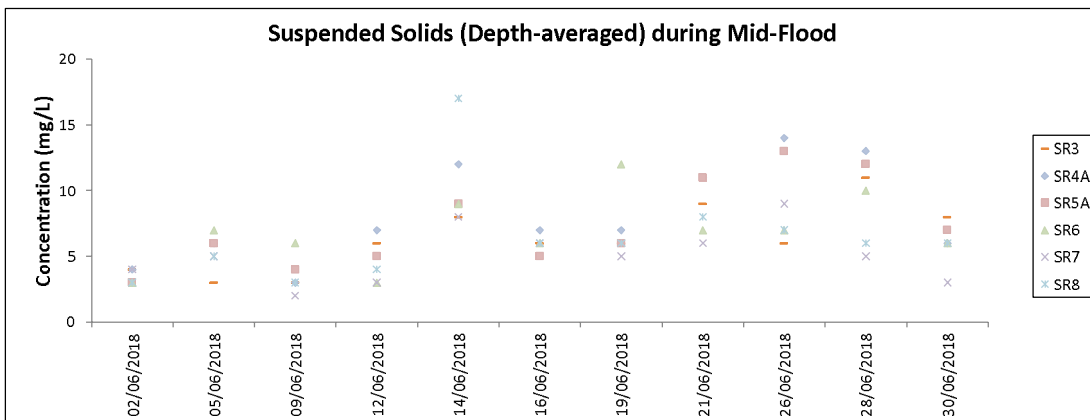
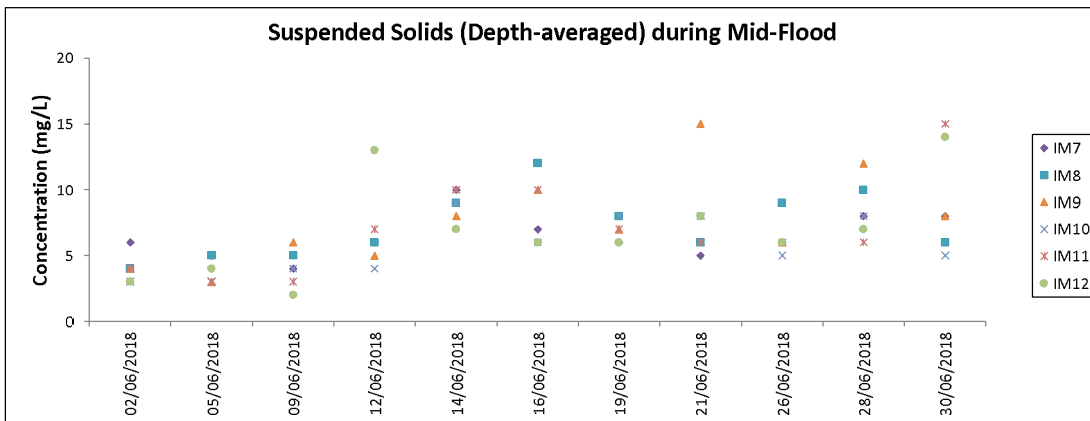
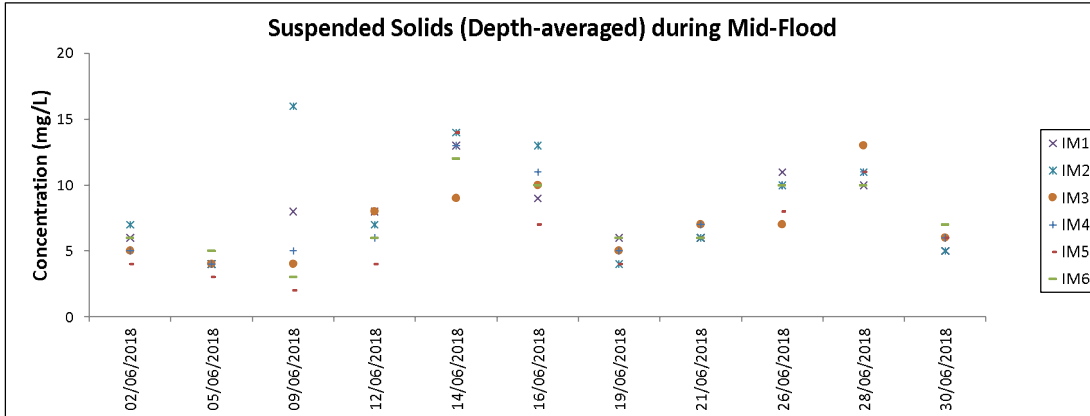
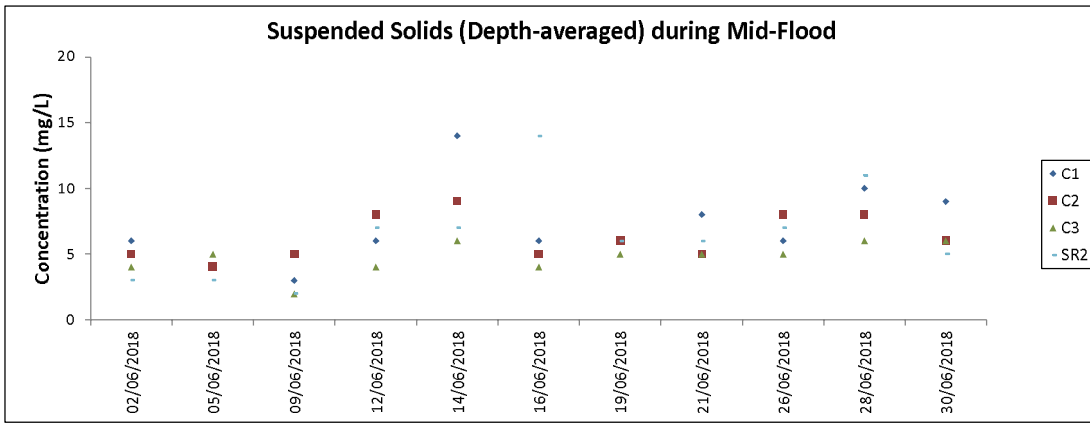
Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.



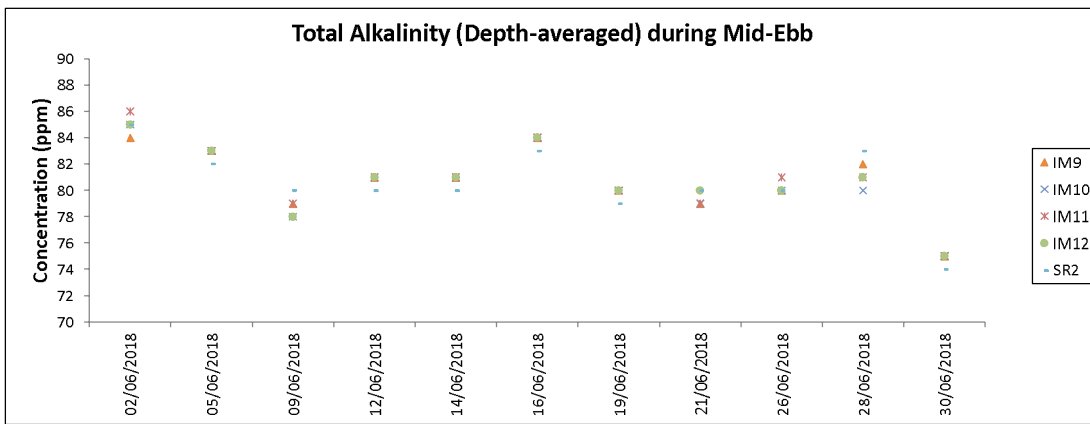
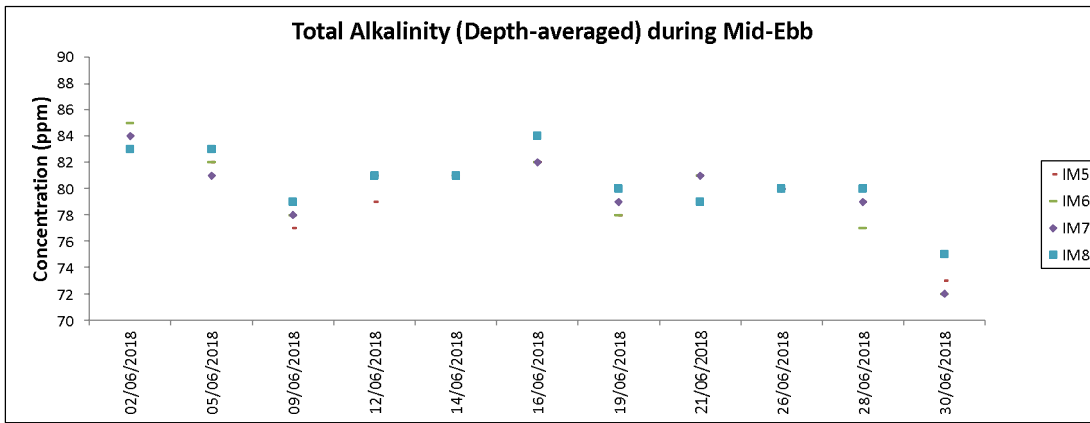
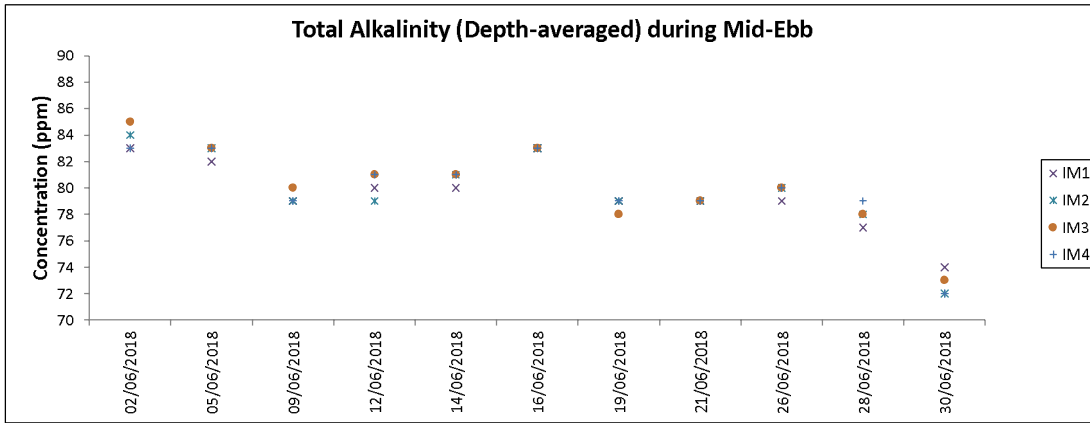
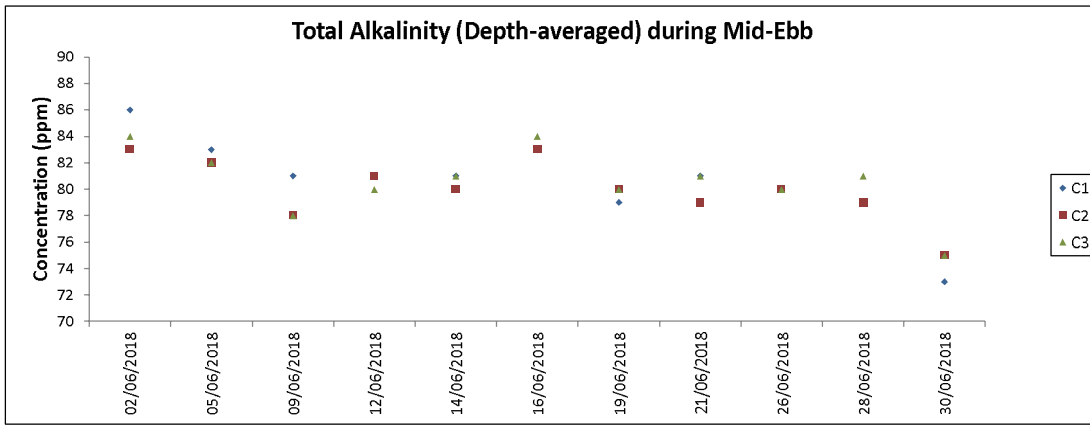
Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.



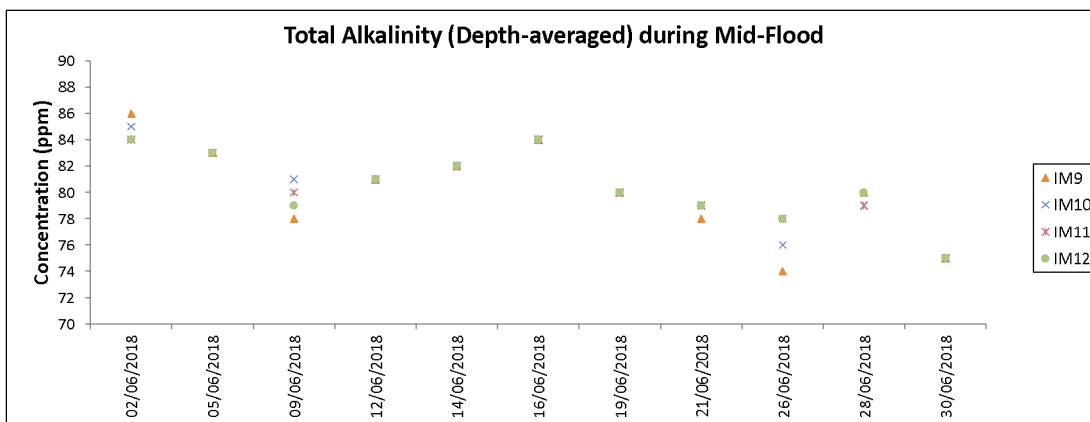
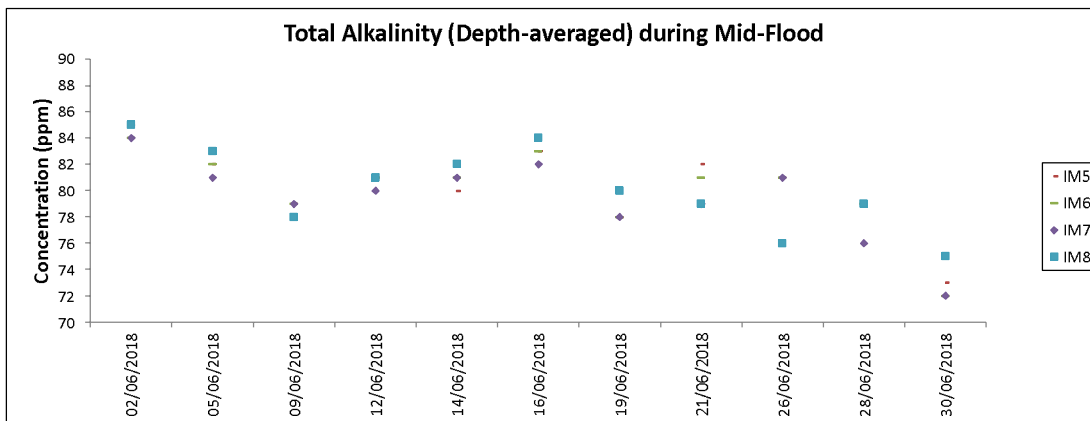
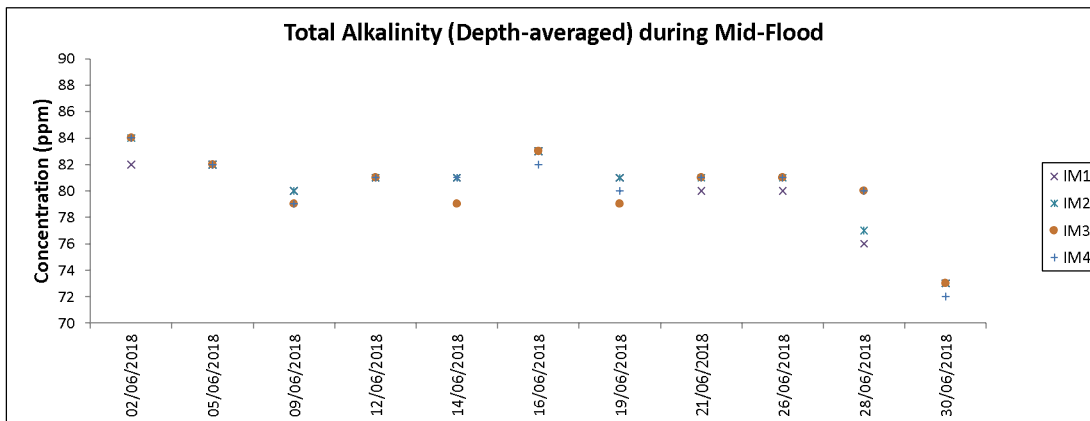
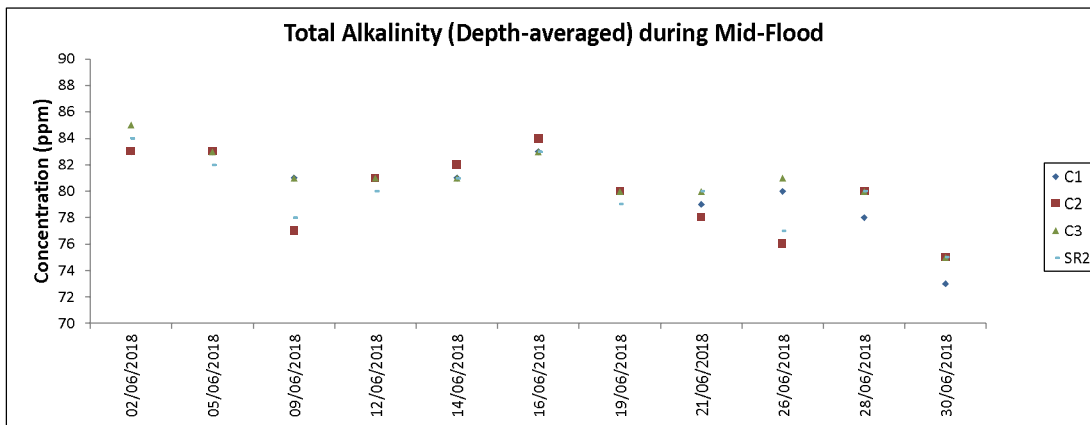
Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.



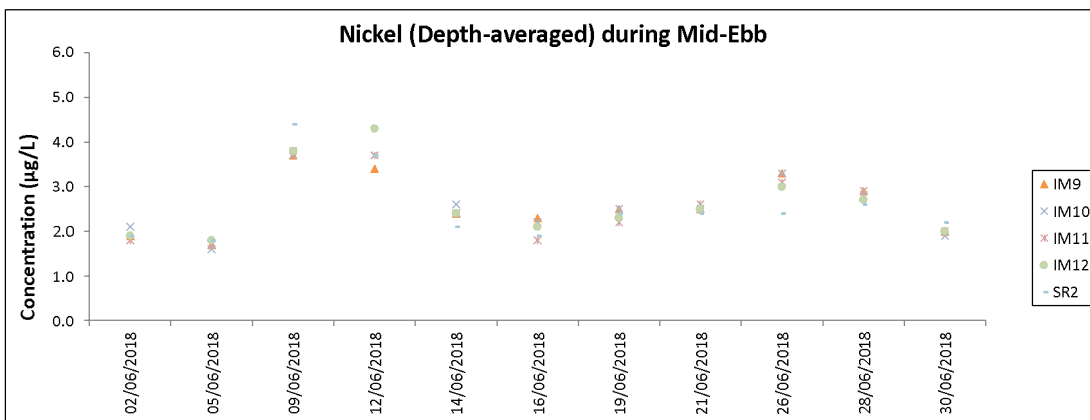
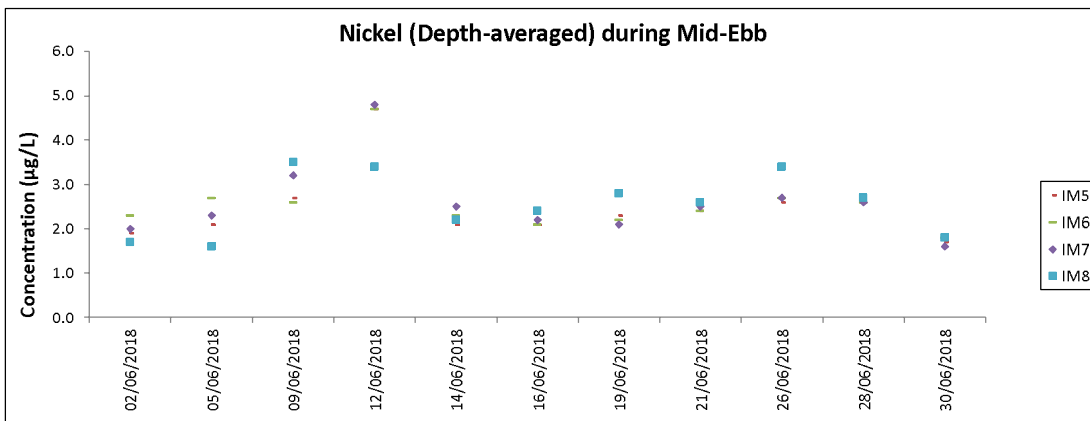
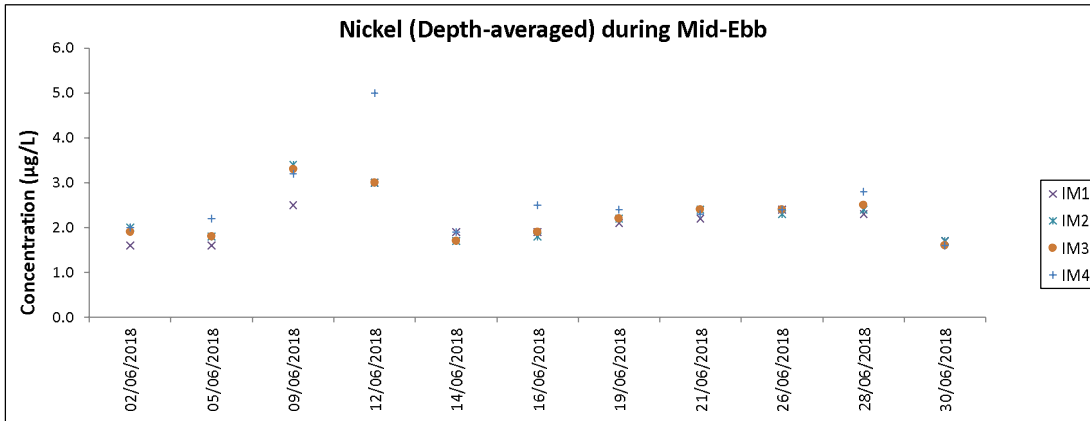
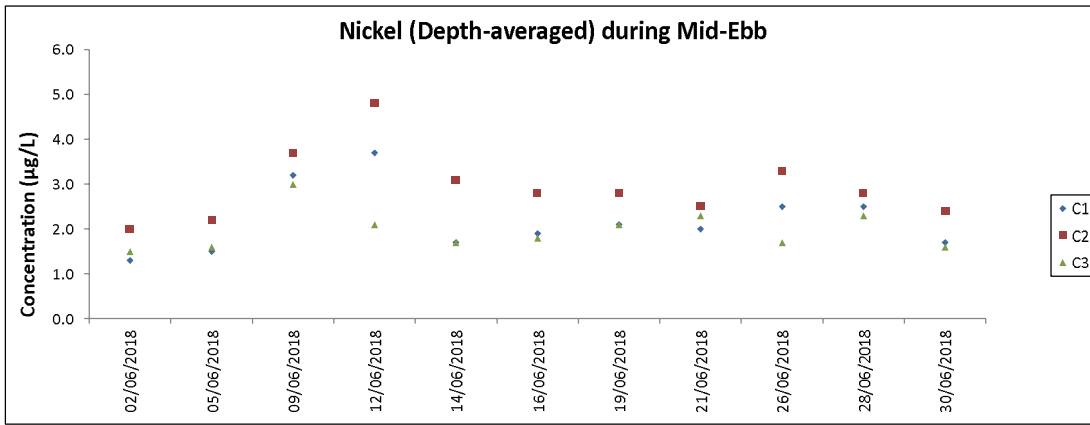
Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.



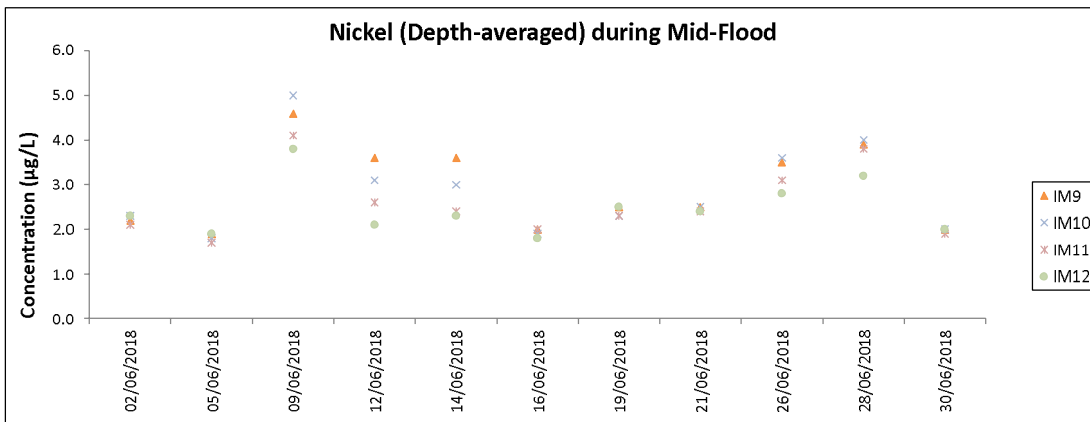
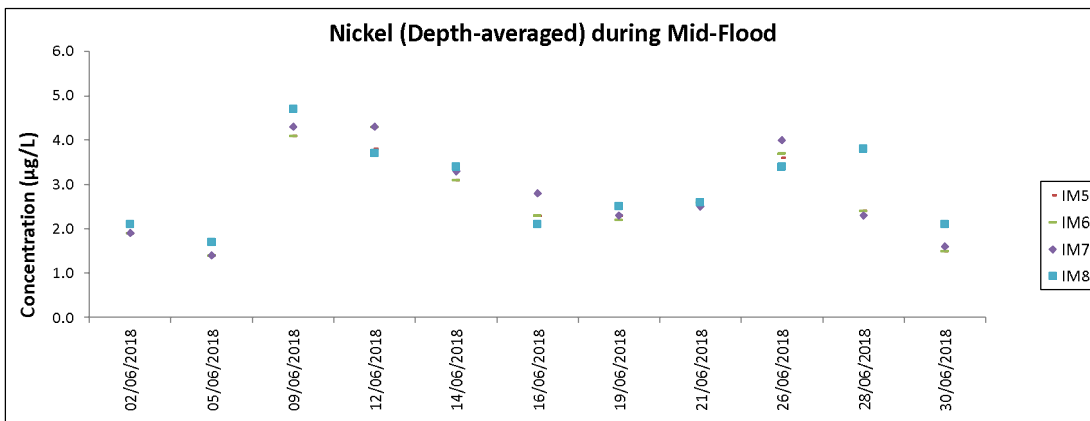
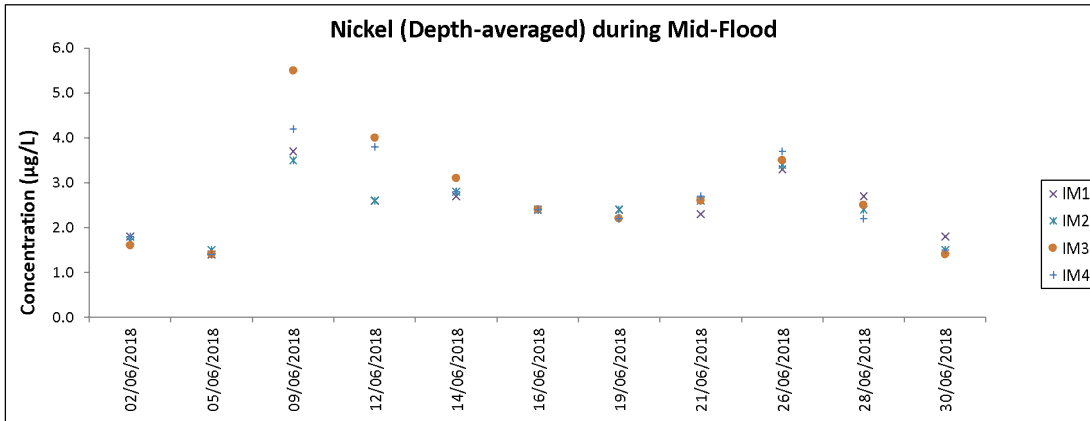
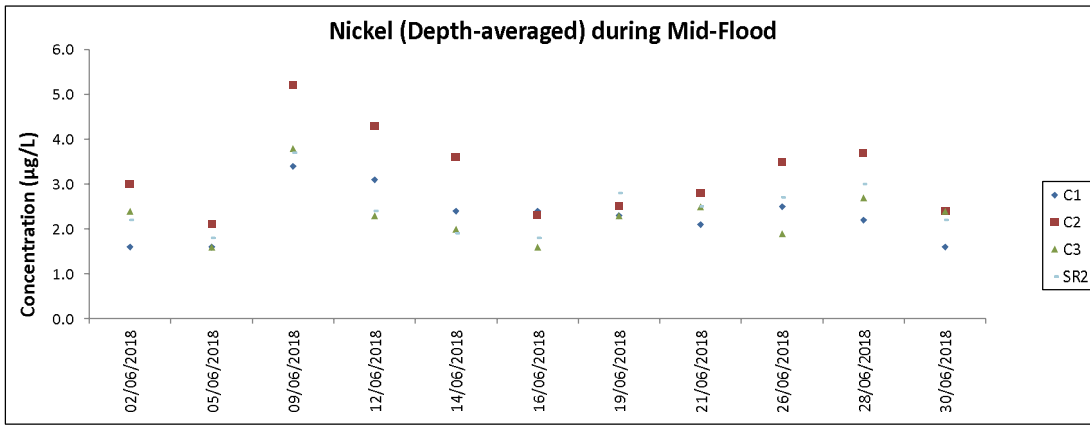
Note: The Action and Limit Level of total alkalinity can be referred to Table 4.2 of the monthly EM&A report.



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



Note: The Action and Limit Level of nickel can be referred to Table 4.2 of the monthly EM&A report.
All chromium results in the reporting period were below the reporting limit 0.2 µg/L.



Note: The Action and Limit Level of nickel can be referred to Table 4.2 of the monthly EM&A report.
All chromium results in the reporting period were below the reporting limit 0.2 µg/L.

Chinese White Dolphin Monitoring Results

CWD Small Vessel Line-transect Survey

Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
03-Apr-18	SWL	1	14.910	SPRING	32166	3RS ET	N/A
03-Apr-18	SWL	2	45.610	SPRING	32166	3RS ET	N/A
03-Apr-18	SWL	3	2.000	SPRING	32166	3RS ET	N/A
04-Apr-18	SWL	1	31.340	SPRING	32166	3RS ET	N/A
04-Apr-18	SWL	2	28.140	SPRING	32166	3RS ET	N/A
04-Apr-18	SWL	3	2.610	SPRING	32166	3RS ET	N/A
11-Apr-18	AW	2	4.770	SPRING	32166	3RS ET	N/A
11-Apr-18	WL	2	14.970	SPRING	32166	3RS ET	N/A
11-Apr-18	WL	3	16.070	SPRING	32166	3RS ET	N/A
11-Apr-18	SWL	2	2.140	SPRING	32166	3RS ET	N/A
11-Apr-18	SWL	3	4.680	SPRING	32166	3RS ET	N/A
12-Apr-18	AW	2	3.530	SPRING	32166	3RS ET	N/A
12-Apr-18	AW	3	1.280	SPRING	32166	3RS ET	N/A
12-Apr-18	WL	2	12.481	SPRING	32166	3RS ET	N/A
12-Apr-18	WL	3	18.889	SPRING	32166	3RS ET	N/A
12-Apr-18	SWL	2	6.735	SPRING	32166	3RS ET	N/A
18-Apr-18	NEL	2	30.140	SPRING	32166	3RS ET	N/A
18-Apr-18	NEL	3	17.060	SPRING	32166	3RS ET	N/A
19-Apr-18	NWL	2	15.530	SPRING	32166	3RS ET	N/A
19-Apr-18	NWL	3	53.430	SPRING	32166	3RS ET	N/A
19-Apr-18	NWL	4	6.030	SPRING	32166	3RS ET	N/A
23-Apr-18	NWL	2	39.210	SPRING	32166	3RS ET	N/A
23-Apr-18	NWL	3	31.250	SPRING	32166	3RS ET	N/A
23-Apr-18	NWL	4	4.500	SPRING	32166	3RS ET	N/A
27-Apr-18	NEL	1	22.760	SPRING	32166	3RS ET	N/A
27-Apr-18	NEL	2	23.840	SPRING	32166	3RS ET	N/A
03-May-18	NWL	2	38.810	SPRING	32166	3RS ET	N/A
03-May-18	NWL	3	34.290	SPRING	32166	3RS ET	N/A
03-May-18	NWL	4	2.300	SPRING	32166	3RS ET	N/A
08-May-18	NWL	2	56.994	SPRING	32166	3RS ET	N/A
08-May-18	NWL	3	18.306	SPRING	32166	3RS ET	N/A
09-May-18	AW	3	0.851	SPRING	32166	3RS ET	N/A
09-May-18	AW	4	3.879	SPRING	32166	3RS ET	N/A
09-May-18	WL	2	4.840	SPRING	32166	3RS ET	N/A
09-May-18	WL	3	4.940	SPRING	32166	3RS ET	N/A
09-May-18	WL	4	14.440	SPRING	32166	3RS ET	N/A
09-May-18	WL	5	7.080	SPRING	32166	3RS ET	N/A
14-May-18	SWL	2	30.850	SPRING	32166	3RS ET	N/A
14-May-18	SWL	3	38.892	SPRING	32166	3RS ET	N/A
14-May-18	SWL	4	1.550	SPRING	32166	3RS ET	N/A
16-May-18	AW	2	1.060	SPRING	32166	3RS ET	N/A
16-May-18	AW	3	3.640	SPRING	32166	3RS ET	N/A
16-May-18	WL	2	2.390	SPRING	32166	3RS ET	N/A
16-May-18	WL	3	21.580	SPRING	32166	3RS ET	N/A
16-May-18	WL	4	7.180	SPRING	32166	3RS ET	N/A
23-May-18	SWL	2	37.660	SPRING	32166	3RS ET	N/A
23-May-18	SWL	3	32.490	SPRING	32166	3RS ET	N/A

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE	P/S
24-May-18	NEL	2	31.200	SPRING	32166	3RS ET	N/A
24-May-18	NEL	3	15.800	SPRING	32166	3RS ET	N/A
25-May-18	NEL	2	27.700	SPRING	32166	3RS ET	N/A
25-May-18	NEL	3	18.900	SPRING	32166	3RS ET	N/A
25-May-18	NEL	4	1.000	SPRING	32166	3RS ET	N/A
04-Jun-18	NEL	3	25.370	SUMMER	32166	3RS ET	P
04-Jun-18	NEL	4	12.140	SUMMER	32166	3RS ET	P
04-Jun-18	NEL	3	6.690	SUMMER	32166	3RS ET	S
04-Jun-18	NEL	4	3.400	SUMMER	32166	3RS ET	S
19-Jun-18	NWL	3	26.640	SUMMER	32166	3RS ET	P
19-Jun-18	NWL	4	36.150	SUMMER	32166	3RS ET	P
19-Jun-18	NWL	3	8.580	SUMMER	32166	3RS ET	S
19-Jun-18	NWL	4	4.130	SUMMER	32166	3RS ET	S
20-Jun-18	NEL	2	26.500	SUMMER	32166	3RS ET	P
20-Jun-18	NEL	3	9.030	SUMMER	32166	3RS ET	P
20-Jun-18	NEL	4	2.130	SUMMER	32166	3RS ET	P
20-Jun-18	NEL	2	9.000	SUMMER	32166	3RS ET	S
20-Jun-18	NEL	3	0.940	SUMMER	32166	3RS ET	S
21-Jun-18	SWL	2	7.120	SUMMER	32166	3RS ET	P
21-Jun-18	SWL	3	44.051	SUMMER	32166	3RS ET	P
21-Jun-18	SWL	4	3.720	SUMMER	32166	3RS ET	P
21-Jun-18	SWL	2	2.200	SUMMER	32166	3RS ET	S
21-Jun-18	SWL	3	13.730	SUMMER	32166	3RS ET	S
22-Jun-18	NWL	2	13.400	SUMMER	32166	3RS ET	P
22-Jun-18	NWL	3	44.550	SUMMER	32166	3RS ET	P
22-Jun-18	NWL	4	5.060	SUMMER	32166	3RS ET	P
22-Jun-18	NWL	2	5.400	SUMMER	32166	3RS ET	S
22-Jun-18	NWL	3	3.960	SUMMER	32166	3RS ET	S
22-Jun-18	NWL	4	2.790	SUMMER	32166	3RS ET	S
25-Jun-18	SWL	2	7.272	SUMMER	32166	3RS ET	P
25-Jun-18	SWL	3	27.789	SUMMER	32166	3RS ET	P
25-Jun-18	SWL	4	14.840	SUMMER	32166	3RS ET	P
25-Jun-18	SWL	5	5.230	SUMMER	32166	3RS ET	P
25-Jun-18	SWL	2	5.402	SUMMER	32166	3RS ET	S
25-Jun-18	SWL	3	3.810	SUMMER	32166	3RS ET	S
25-Jun-18	SWL	4	4.030	SUMMER	32166	3RS ET	S
25-Jun-18	SWL	5	1.210	SUMMER	32166	3RS ET	S
26-Jun-18	WL	2	4.210	SUMMER	32166	3RS ET	P
26-Jun-18	WL	3	15.962	SUMMER	32166	3RS ET	P
26-Jun-18	WL	3	11.178	SUMMER	32166	3RS ET	S
26-Jun-18	AW	2	2.940	SUMMER	32166	3RS ET	P
26-Jun-18	AW	3	1.900	SUMMER	32166	3RS ET	P
27-Jun-18	AW	2	4.720	SUMMER	32166	3RS ET	P
27-Jun-18	WL	2	4.010	SUMMER	32166	3RS ET	P
27-Jun-18	WL	3	12.576	SUMMER	32166	3RS ET	P
27-Jun-18	WL	4	2.970	SUMMER	32166	3RS ET	P
27-Jun-18	WL	3	8.257	SUMMER	32166	3RS ET	S
27-Jun-18	WL	4	1.967	SUMMER	32166	3RS ET	S

Notes: CWD monitoring survey data of the two preceding survey months (i.e. April and May 2018) 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
03-Apr-18	1	1048	FP	1	SWL	1	1489	ON	3RS ET	22.1788	113.9360	SPRING	NONE	N/A
03-Apr-18	2	1056	FP	2	SWL	1	192	ON	3RS ET	22.1652	113.9359	SPRING	NONE	N/A
04-Apr-18	1	1058	FP	3	SWL	1	23	ON	3RS ET	22.1556	113.9361	SPRING	NONE	N/A
04-Apr-18	2	1208	FP	2	SWL	1	116	ON	3RS ET	22.1499	113.9178	SPRING	NONE	N/A
04-Apr-18	3	1216	FP	1	SWL	1	85	ON	3RS ET	22.1415	113.9128	SPRING	NONE	N/A
04-Apr-18	4	1335	FP	5	SWL	2	176	ON	3RS ET	22.1487	113.8963	SPRING	NONE	N/A
04-Apr-18	5	1405	CWD	2	SWL	2	78	ON	3RS ET	22.2025	113.8879	SPRING	NONE	N/A
11-Apr-18	1	1034	CWD	2	WL	2	444	ON	3RS ET	22.2666	113.8595	SPRING	PURSE SEINER	N/A
11-Apr-18	2	1108	CWD	1	WL	3	117	ON	3RS ET	22.2500	113.8442	SPRING	NONE	N/A
11-Apr-18	3	1129	CWD	3	WL	3	511	ON	3RS ET	22.2414	113.8365	SPRING	SHRIMP TRAWLER	N/A
11-Apr-18	4	1226	CWD	3	WL	3	119	ON	3RS ET	22.2145	113.8315	SPRING	NONE	N/A
12-Apr-18	1	1029	CWD	2	WL	2	N/A	OFF	3RS ET	22.2601	113.8489	SPRING	NONE	N/A
12-Apr-18	2	1054	CWD	6	WL	3	285	ON	3RS ET	22.2507	113.8431	SPRING	NONE	N/A
12-Apr-18	3	1130	CWD	8	WL	2	18	ON	3RS ET	22.2416	113.8367	SPRING	NONE	N/A
12-Apr-18	4	1201	CWD	3	WL	3	136	ON	3RS ET	22.2321	113.8322	SPRING	NONE	N/A
12-Apr-18	5	1242	CWD	5	WL	3	119	ON	3RS ET	22.2145	113.8317	SPRING	NONE	N/A
12-Apr-18	6	1345	CWD	1	WL	3	N/A	OFF	3RS ET	22.1919	113.8428	SPRING	NONE	N/A
12-Apr-18	7	1352	CWD	3	SWL	2	320	ON	3RS ET	22.1928	113.8491	SPRING	NONE	N/A
12-Apr-18	8	1421	CWD	1	SWL	2	21	ON	3RS ET	22.1684	113.8577	SPRING	NONE	N/A
19-Apr-18	1	0953	CWD	1	NWL	3	114	ON	3RS ET	22.3730	113.8693	SPRING	NONE	N/A
19-Apr-18	2	1207	CWD	1	NWL	2	15	ON	3RS ET	22.3832	113.8769	SPRING	NONE	N/A
19-Apr-18	3	1235	CWD	5	NWL	2	410	ON	3RS ET	22.4063	113.8775	SPRING	NONE	N/A
19-Apr-18	4	1316	CWD	5	NWL	2	N/A	OFF	3RS ET	22.4033	113.8881	SPRING	NONE	N/A
23-Apr-18	1	0946	CWD	6	NWL	2	413	ON	3RS ET	22.3930	113.8703	SPRING	NONE	N/A
03-May-18	1	1131	CWD	2	NWL	3	35	ON	3RS ET	22.3558	113.8781	SPRING	NONE	N/A
14-May-18	1	1057	CWD	2	SWL	2	151	ON	3RS ET	22.1972	113.8588	SPRING	NONE	N/A
14-May-18	2	1115	CWD	5	SWL	2	121	ON	3RS ET	22.1994	113.8690	SPRING	NONE	N/A
14-May-18	3	1139	CWD	1	SWL	2	4	ON	3RS ET	22.1953	113.8689	SPRING	NONE	N/A
14-May-18	4	1250	CWD	1	SWL	3	191	ON	3RS ET	22.1881	113.8882	SPRING	NONE	N/A
14-May-18	5	1537	FP	6	SWL	3	21	ON	3RS ET	22.1652	113.9273	SPRING	NONE	N/A
14-May-18	6	1602	FP	3	SWL	3	116	ON	3RS ET	22.1439	113.9274	SPRING	NONE	N/A

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.	P/S
14-May-18	7	1610	FP	1	SWL	3	16	ON	3RS ET	22.1462	113.9327	SPRING	NONE	N/A
14-May-18	8	1622	FP	3	SWL	3	509	ON	3RS ET	22.1633	113.9366	SPRING	NONE	N/A
16-May-18	1	1036	CWD	1	WL	3	225	ON	3RS ET	22.2655	113.8581	SPRING	NONE	N/A
16-May-18	2	1059	CWD	2	WL	3	122	ON	3RS ET	22.2573	113.8370	SPRING	NONE	N/A
23-May-18	1	1039	FP	2	SWL	3	15	ON	3RS ET	22.1684	113.9365	SPRING	NONE	N/A
23-May-18	2	1046	FP	2	SWL	3	37	ON	3RS ET	22.1651	113.9361	SPRING	NONE	N/A
23-May-18	3	1110	FP	3	SWL	3	182	ON	3RS ET	22.1618	113.9279	SPRING	NONE	N/A
23-May-18	4	1138	CWD	5	SWL	2	1155	ON	3RS ET	22.1989	113.9180	SPRING	NONE	N/A
23-May-18	5	1238	FP	4	SWL	3	17	ON	3RS ET	22.1411	113.9136	SPRING	NONE	N/A
21-Jun-18	1	1054	CWD	1	SWL	3	51	ON	3RS ET	22.1914	113.8491	SUMMER	NONE	P
21-Jun-18	2	1219	CWD	3	SWL	3	21	ON	3RS ET	22.2040	113.8781	SUMMER	NONE	P
21-Jun-18	3	1331	CWD	6	SWL	3	11	ON	3RS ET	22.1907	113.8973	SUMMER	NONE	P
21-Jun-18	4	1606	FP	3	SWL	3	24	ON	3RS ET	22.1653	113.9368	SUMMER	NONE	P
25-Jun-18	1	1059	CWD	1	SWL	4	138	ON	3RS ET	22.1822	113.8686	SUMMER	NONE	P
25-Jun-18	2	1308	CWD	4	SWL	3	119	ON	3RS ET	22.1934	113.9080	SUMMER	NONE	P
25-Jun-18	3	1332	CWD	8	SWL	3	32	ON	3RS ET	22.1945	113.9083	SUMMER	NONE	P
25-Jun-18	4	1356	CWD	1	SWL	3	129	ON	3RS ET	22.1780	113.9054	SUMMER	NONE	S
25-Jun-18	5	1456	CWD	4	SWL	2	6	ON	3RS ET	22.1805	113.9218	SUMMER	NONE	S
25-Jun-18	6	1519	CWD	7	SWL	2	29	ON	3RS ET	22.1867	113.9181	SUMMER	NONE	P
26-Jun-18	1	1137	CWD	1	WL	3	33	ON	3RS ET	22.2154	113.8192	SUMMER	NONE	P
27-Jun-18	1	1049	CWD	2	WL	3	51	ON	3RS ET	22.2524	113.8341	SUMMER	NONE	S
27-Jun-18	2	1106	CWD	3	WL	3	188	ON	3RS ET	22.2497	113.8406	SUMMER	NONE	P
27-Jun-18	3	1141	CWD	2	WL	3	27	ON	3RS ET	22.2331	113.8236	SUMMER	NONE	S
27-Jun-18	4	1200	CWD	5	WL	3	30	ON	3RS ET	22.2318	113.8390	SUMMER	NONE	P
27-Jun-18	5	1226	CWD	1	WL	3	122	ON	3RS ET	22.2237	113.8249	SUMMER	NONE	P
27-Jun-18	6	1234	CWD	12	WL	3	38	ON	3RS ET	22.2166	113.8199	SUMMER	NONE	S
27-Jun-18	7	1309	CWD	2	WL	3	145	ON	3RS ET	22.2141	113.8319	SUMMER	NONE	P
27-Jun-18	8	1341	CWD	2	WL	4	165	ON	3RS ET	22.1938	113.8425	SUMMER	NONE	S

Abbreviations: STG# = Sighting Number; GP SZ = Dolphin 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 (i.e. April and May 2018) are presented for reference only. No relevant figure or text will be mentioned in the 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 June 2018 encounter rates STG and ANI in the whole survey area (NEL, NWL, AW, WL, SWL):

A total of 357.187 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 16 on-effort sightings and total number of 62 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in June 2018 are shown as below:

Encounter Rate by Number of Dolphin Sightings (STG) in June 2018

$$STG = \frac{16}{357.187} \times 100 = 4.48$$

Encounter Rate by Number of Dolphins (ANI) in June 2018

$$ANI = \frac{62}{357.187} \times 100 = 17.36$$

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

A total of 1221.755 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 39 on-effort sightings and total number of 131 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)







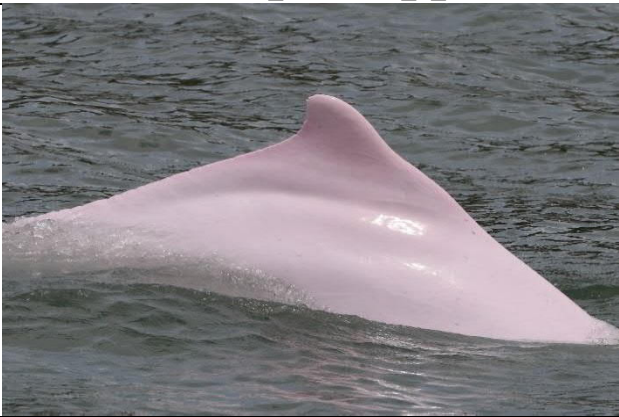

$$STG = \frac{39}{1221.755} \times 100 = 3.19$$

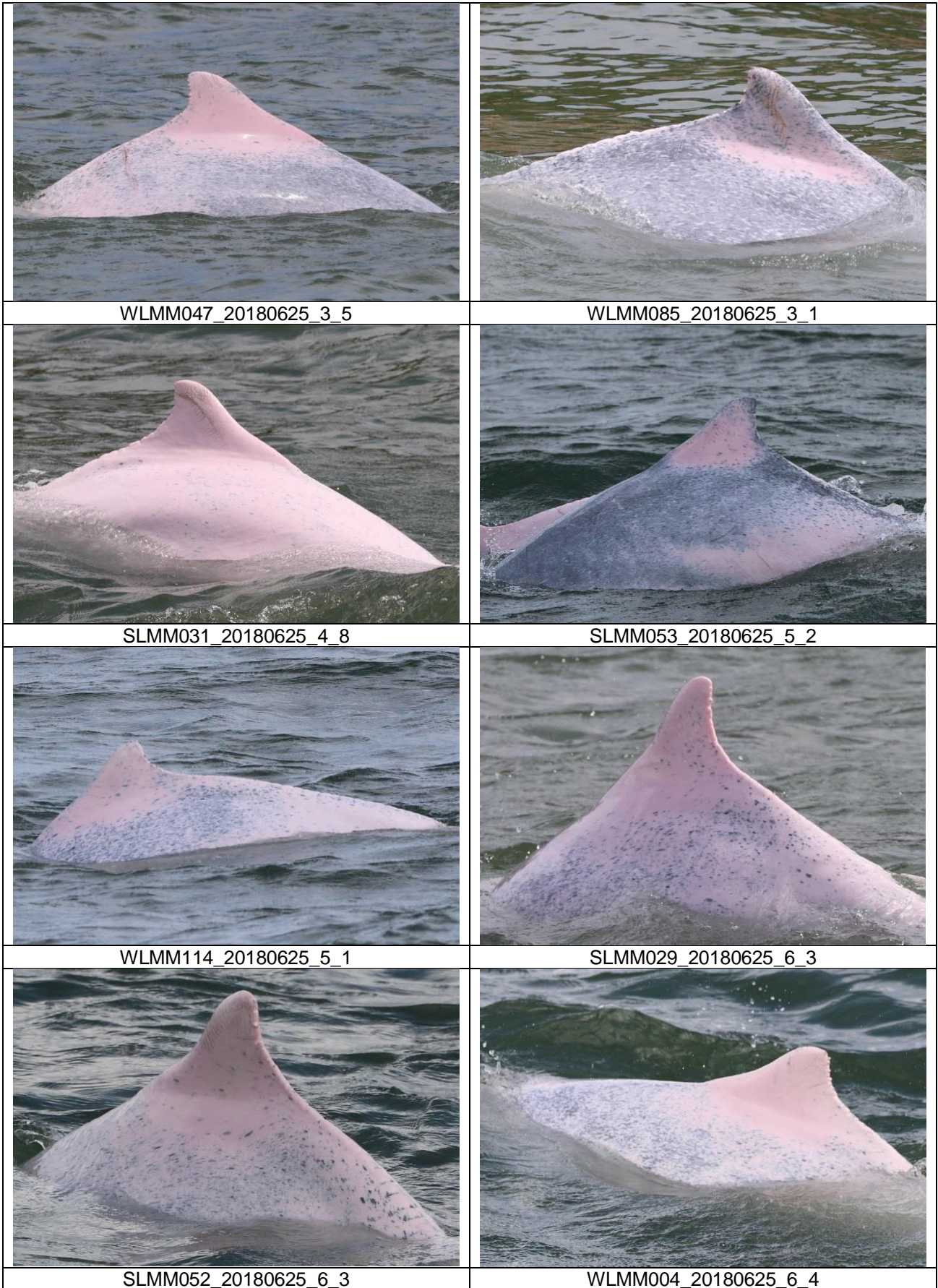
Running Quarterly Encounter Rate by Number of Dolphins (ANI)

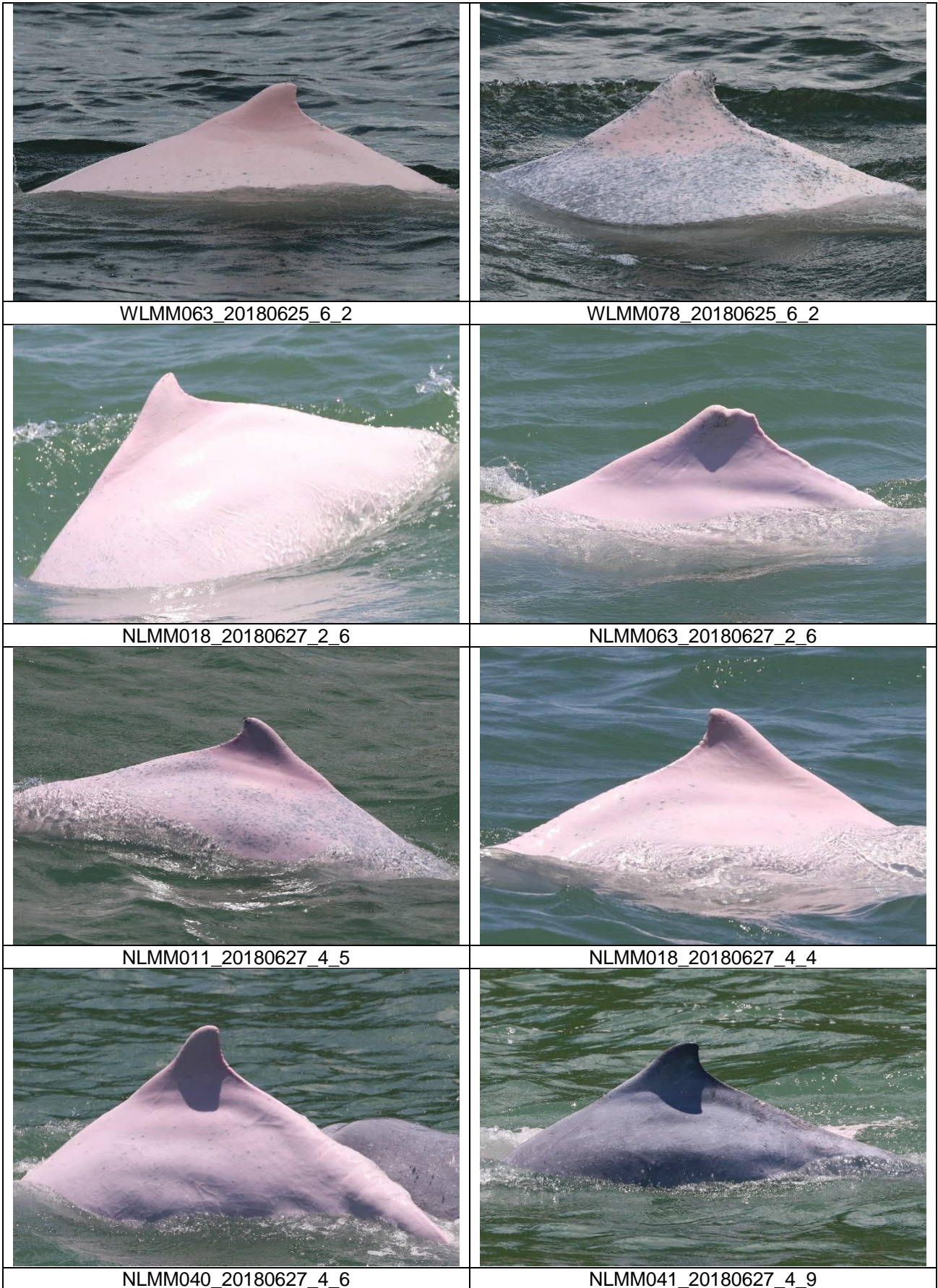
$$ANI = \frac{131}{1221.755} \times 100 = 10.72$$

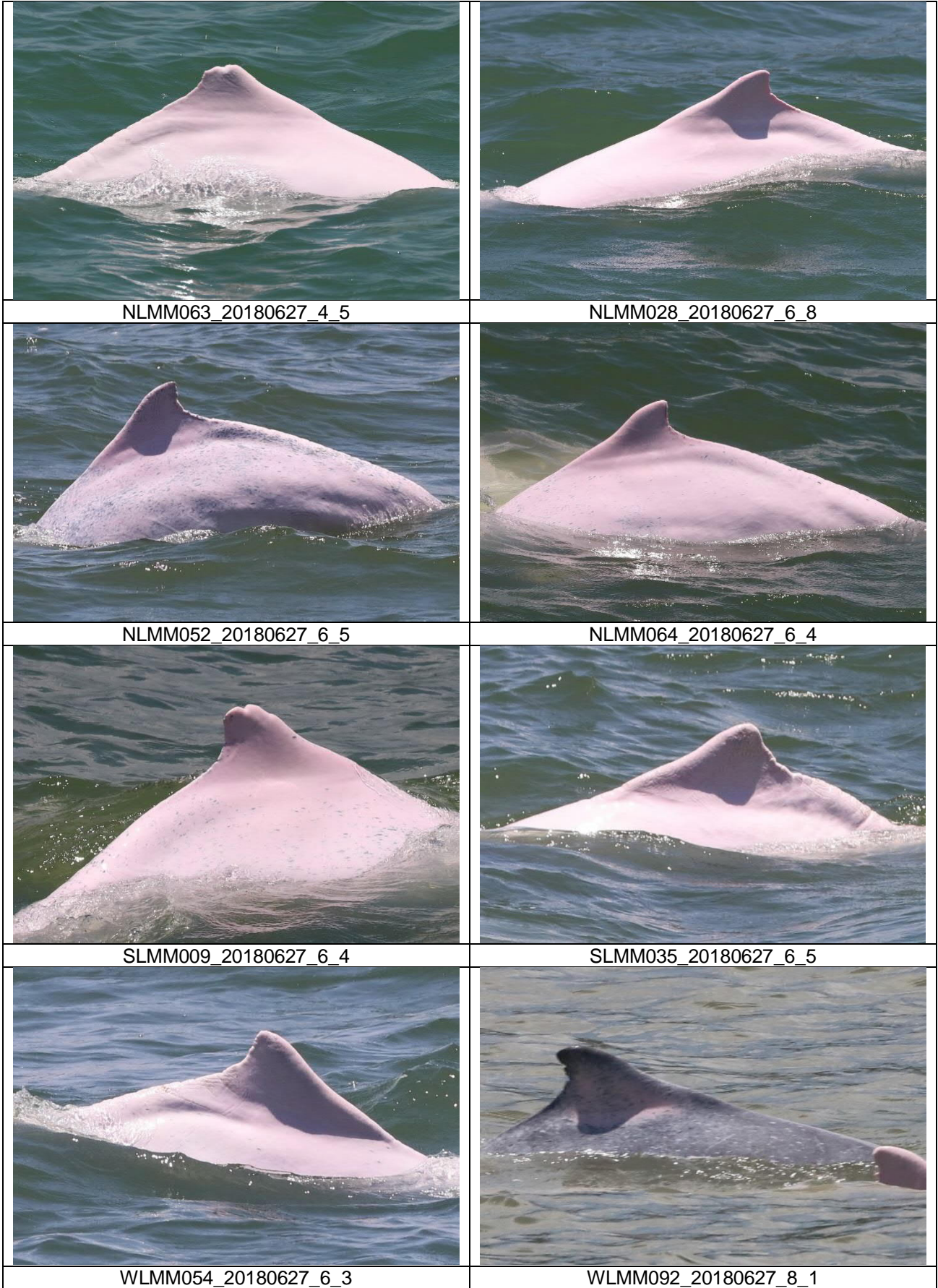
CWD Small Vessel Line-transect Survey

Photo Identification

	
SLMM023_20180621_3_4	WLMM080_20180621_3_5
	
SLMM002_20180625_2_4	SLMM003_20180625_3_9
	
SLMM007_20180625_3_10	SLMM010_20180625_3_8
	
SLMM012_20180625_3_4	SLMM052_20180625_3_4







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

Date	Station	Start Time	End Time	Duration	Beaufort Range	Visibility	No. of Focal Follow Dolphin Groups Tracked	Dolphin Group Size Range
11/Jun/18	Sha Chau	8:37	14:37	6:00	2	2	0	N/A
19/Jun/18	Lung Kwu Chau	8:54	13:54	5:00	2-3	3	0	N/A
20/Jun/18	Lung Kwu Chau	8:45	15:15	6:30	2-3	3	0	N/A
25/Jun/18	Sha Chau	9:00	15:00	6:00	2-3	2-3	0	N/A
26/Jun/18	Lung Kwu Chau	9:05	15:35	6:30	2	2	4	1-2

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