Appendix C. Monitoring Results

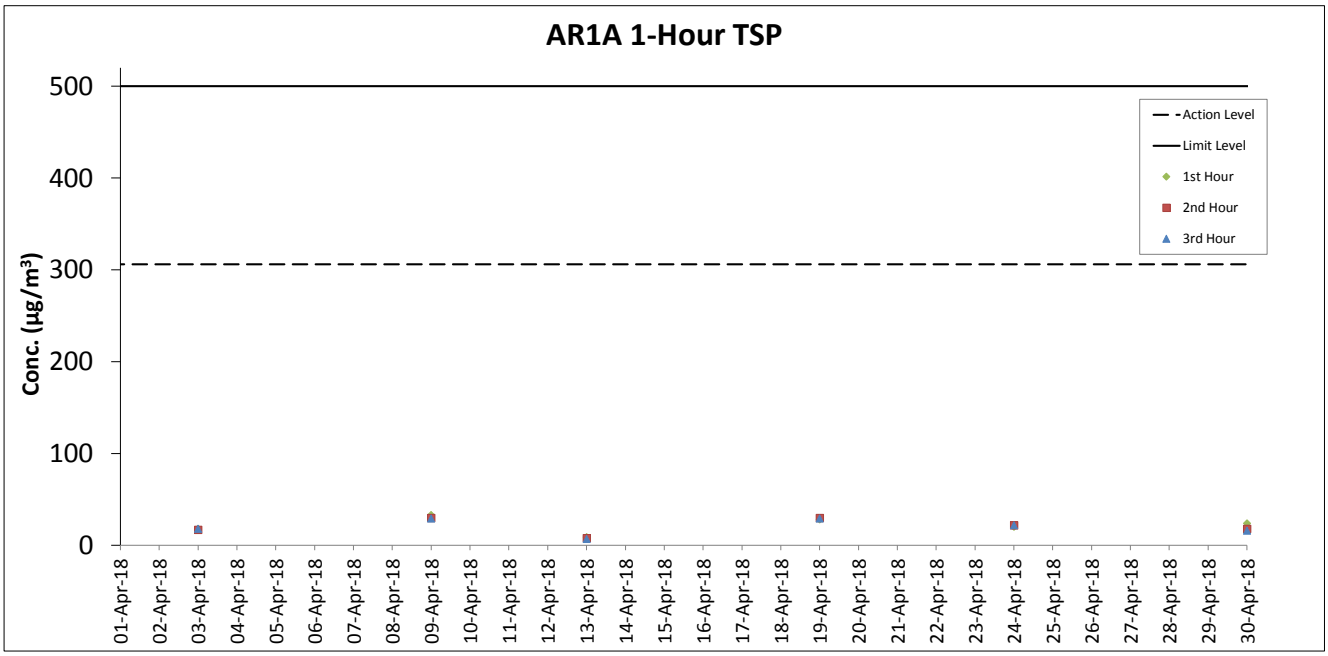
Air Quality Monitoring Results

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

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP (μg/m^3)	Action Level (μg/m^3)	Limit Level (μg/m^3)
03-Apr-18	13:00	Sunny	2.1	195	18	306	500
03-Apr-18	14:00	Sunny	1.9	206	17	306	500
03-Apr-18	15:00	Sunny	2.1	347	18	306	500
09-Apr-18	09:00	Sunny	3.6	195	33	306	500
09-Apr-18	10:00	Sunny	4.2	206	30	306	500
09-Apr-18	11:00	Sunny	5.9	63	29	306	500
13-Apr-18	09:00	Fine	5.7	195	9	306	500
13-Apr-18	10:00	Fine	7.0	206	8	306	500
13-Apr-18	11:00	Fine	7.2	162	7	306	500
19-Apr-18	13:00	Sunny	4.7	195	28	306	500
19-Apr-18	14:00	Sunny	4.3	206	30	306	500
19-Apr-18	15:00	Sunny	3.8	295	29	306	500
24-Apr-18	13:18	Cloudy	2.5	195	20	306	500
24-Apr-18	14:18	Cloudy	2.8	206	22	306	500
24-Apr-18	15:18	Cloudy	2.9	257	22	306	500
30-Apr-18	12:58	Sunny	2.9	195	24	306	500
30-Apr-18	13:58	Sunny	3.4	206	18	306	500
30-Apr-18	14:58	Sunny	1.8	299	16	306	500

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

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP (μg/m^3)	Action Level (μg/m^3)	Limit Level (μg/m^3)
03-Apr-18	08:53	Sunny	2.5	195	147	298	500
03-Apr-18	09:53	Sunny	3.0	206	129	298	500
03-Apr-18	10:53	Sunny	4.1	36	101	298	500
09-Apr-18	08:55	Sunny	3.2	195	135	298	500
09-Apr-18	09:55	Sunny	4.5	206	138	298	500
09-Apr-18	10:55	Sunny	6.7	57	125	298	500
13-Apr-18	08:54	Fine	5.6	195	32	298	500
13-Apr-18	09:54	Fine	6.4	206	28	298	500
13-Apr-18	10:54	Fine	6.9	161	29	298	500
19-Apr-18	09:02	Sunny	6.1	195	125	298	500
19-Apr-18	10:02	Sunny	5.9	206	124	298	500
19-Apr-18	11:02	Sunny	5.5	78	118	298	500
24-Apr-18	09:00	Rainy	2.6	195	123	298	500
24-Apr-18	10:00	Rainy	6.8	206	144	298	500
24-Apr-18	11:00	Rainy	2.0	75	133	298	500
30-Apr-18	09:00	Sunny	4.9	195	102	298	500
30-Apr-18	10:00	Sunny	2.9	206	110	298	500
30-Apr-18	11:00	Sunny	3.5	280	104	298	500


AR1A 1-Hour TSP
Conc. (µg/m³)
500
400
300
200
100
0
Action Level
Limit Level
1st Hour
2nd Hour
3rd Hour
01-Apr-18
02-Apr-18
03-Apr-18
04-Apr-18
05-Apr-18
06-Apr-18
07-Apr-18
08-Apr-18
09-Apr-18
10-Apr-18
11-Apr-18
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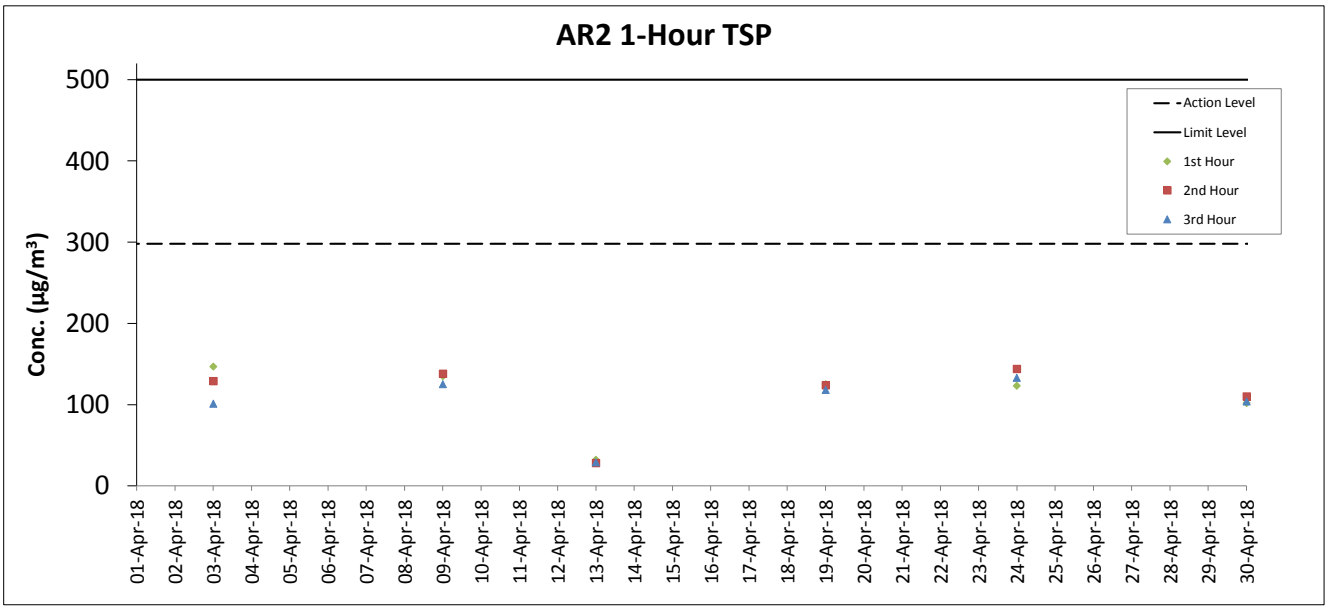
20-Apr-18
21-Apr-18
22-Apr-18
23-Apr-18
24-Apr-18
25-Apr-18
26-Apr-18
27-Apr-18
28-Apr-18
29-Apr-18
30-Apr-18


AR2 1-Hour TSP
Conc. (µg/m³)
500
400
300
200
100
0
Action Level
Limit Level
1st Hour
2nd Hour
3rd Hour
01-Apr-18
02-Apr-18
03-Apr-18
04-Apr-18
05-Apr-18
06-Apr-18
07-Apr-18
08-Apr-18
09-Apr-18
10-Apr-18
11-Apr-18
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13-Apr-18
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24-Apr-18
25-Apr-18
26-Apr-18
27-Apr-18
28-Apr-18
29-Apr-18
30-Apr-18

Noise Monitoring Results

Noise Measurement Results
Station: NM1A- Man Tung Road Park

Date	Weather	Time	Measured L_{10} dB(A)	Measured L_{90} dB(A)	$L_{eq(30mins)}$ dB(A)
03-Apr-18	Sunny	13:10	72.5	55.0	72
03-Apr-18	Sunny	13:15	71.5	54.0	
03-Apr-18	Sunny	13:20	71.0	54.0	
03-Apr-18	Sunny	13:25	73.0	55.5	
03-Apr-18	Sunny	13:30	72.5	56.5	
03-Apr-18	Sunny	13:35	71.5	55.0	
09-Apr-18	Sunny	09:30	75.0	56.5	72
09-Apr-18	Sunny	09:35	72.5	54.0	
09-Apr-18	Sunny	09:40	72.0	55.0	
09-Apr-18	Sunny	09:45	74.0	53.5	
09-Apr-18	Sunny	09:50	72.0	56.0	
09-Apr-18	Sunny	09:55	71.0	53.5	
19-Apr-18	Sunny	13:15	72.5	55.5	72
19-Apr-18	Sunny	13:20	71.5	53.5	
19-Apr-18	Sunny	13:25	73.5	55.0	
19-Apr-18	Sunny	13:30	73.5	56.5	
19-Apr-18	Sunny	13:35	72.0	54.5	
19-Apr-18	Sunny	13:40	74.5	55.5	
24-Apr-18	Cloudy	13:39	74.0	57.0	71
24-Apr-18	Cloudy	13:44	72.5	54.5	
24-Apr-18	Cloudy	13:49	71.5	55.5	
24-Apr-18	Cloudy	13:54	72.0	56.5	
24-Apr-18	Cloudy	13:59	71.5	55.0	
24-Apr-18	Cloudy	14:04	70.5	54.0	
30-Apr-18	Fine	13:10	73.0	56.0	72
30-Apr-18	Fine	13:15	71.5	54.5	
30-Apr-18	Fine	13:20	70.5	56.5	
30-Apr-18	Fine	13:25	72.5	56.5	
30-Apr-18	Fine	13:30	73.5	57.0	
30-Apr-18	Fine	13:35	72.0	55.5	

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_{90} dB(A)	$L_{eq(30mins)}$ dB(A)
03-Apr-18	Sunny	09:27	60.0	57.5	59
03-Apr-18	Sunny	09:32	59.5	57.5	
03-Apr-18	Sunny	09:37	58.5	57.0	
03-Apr-18	Sunny	09:42	59.0	57.0	
03-Apr-18	Sunny	09:47	59.0	57.0	
03-Apr-18	Sunny	09:52	59.0	57.0	
09-Apr-18	Sunny	13:20	61.5	60.5	62
09-Apr-18	Sunny	13:25	62.0	60.5	
09-Apr-18	Sunny	13:30	62.5	61.0	
09-Apr-18	Sunny	13:35	63.0	61.5	
09-Apr-18	Sunny	13:40	62.5	61.0	
09-Apr-18	Sunny	13:45	61.5	60.5	
19-Apr-18	Fine	09:30	68.5	61.0	61
19-Apr-18	Fine	09:35	66.5	61.0	
19-Apr-18	Fine	09:40	69.0	61.0	
19-Apr-18	Fine	09:45	67.0	60.5	
19-Apr-18	Fine	09:50	68.5	60.5	
19-Apr-18	Fine	09:55	66.5	60.5	
26-Apr-18	Cloudy	11:23	67.0	60.5	57
26-Apr-18	Cloudy	11:28	66.5	60.5	
26-Apr-18	Cloudy	11:33	67.0	60.5	
26-Apr-18	Cloudy	11:38	67.5	60.5	
26-Apr-18	Cloudy	11:43	68.5	60.5	
26-Apr-18	Cloudy	11:48	70.0	60.5	
30-Apr-18	Fine	10:35	68.0	60.5	57
30-Apr-18	Fine	10:40	68.5	61.0	
30-Apr-18	Fine	10:45	68.5	61.0	
30-Apr-18	Fine	10:50	63.0	60.5	
30-Apr-18	Fine	10:55	62.0	61.0	
30-Apr-18	Fine	11:00	62.5	61.0	

Noise Measurement Results
Station: NM4- Ching Chung Hau Po Woon Primary School

Date	Weather	Time	Measured L_{10} dB(A)	Measured L_{90} dB(A)	$L_{eq(30mins)}$ dB(A)
03-Apr-18	Sunny	14:05	60.0	56.5	63
03-Apr-18	Sunny	14:10	61.0	56.5	
03-Apr-18	Sunny	14:15	63.5	56.5	
03-Apr-18	Sunny	14:20	64.5	58.0	
03-Apr-18	Sunny	14:25	62.5	57.0	
03-Apr-18	Sunny	14:30	61.5	57.5	
09-Apr-18	Sunny	14:59	62.0	58.0	64
09-Apr-18	Sunny	15:04	62.5	57.5	
09-Apr-18	Sunny	15:09	61.0	57.0	
09-Apr-18	Sunny	15:14	62.5	57.5	
09-Apr-18	Sunny	15:19	63.5	58.0	
09-Apr-18	Sunny	15:24	65.0	59.0	
19-Apr-18	Sunny	14:32	62.5	60.0	66
19-Apr-18	Sunny	14:37	66.5	61.0	
19-Apr-18	Sunny	14:42	65.0	60.5	
19-Apr-18	Sunny	14:47	65.0	60.0	
19-Apr-18	Sunny	14:52	63.0	59.5	
19-Apr-18	Sunny	14:57	63.5	59.5	
24-Apr-18	Cloudy	13:27	63.0	60.5	65
24-Apr-18	Cloudy	13:32	63.5	60.5	
24-Apr-18	Cloudy	13:37	64.0	60.5	
24-Apr-18	Cloudy	13:42	63.5	60.5	
24-Apr-18	Cloudy	13:47	63.5	60.5	
24-Apr-18	Cloudy	13:52	63.5	61.0	
30-Apr-18	Sunny	14:27	66.0	59.5	64
30-Apr-18	Sunny	14:32	62.0	58.5	
30-Apr-18	Sunny	14:37	62.5	58.5	
30-Apr-18	Sunny	14:42	62.5	58.5	
30-Apr-18	Sunny	14:47	61.5	58.0	
30-Apr-18	Sunny	14:52	62.5	57.5	

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

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

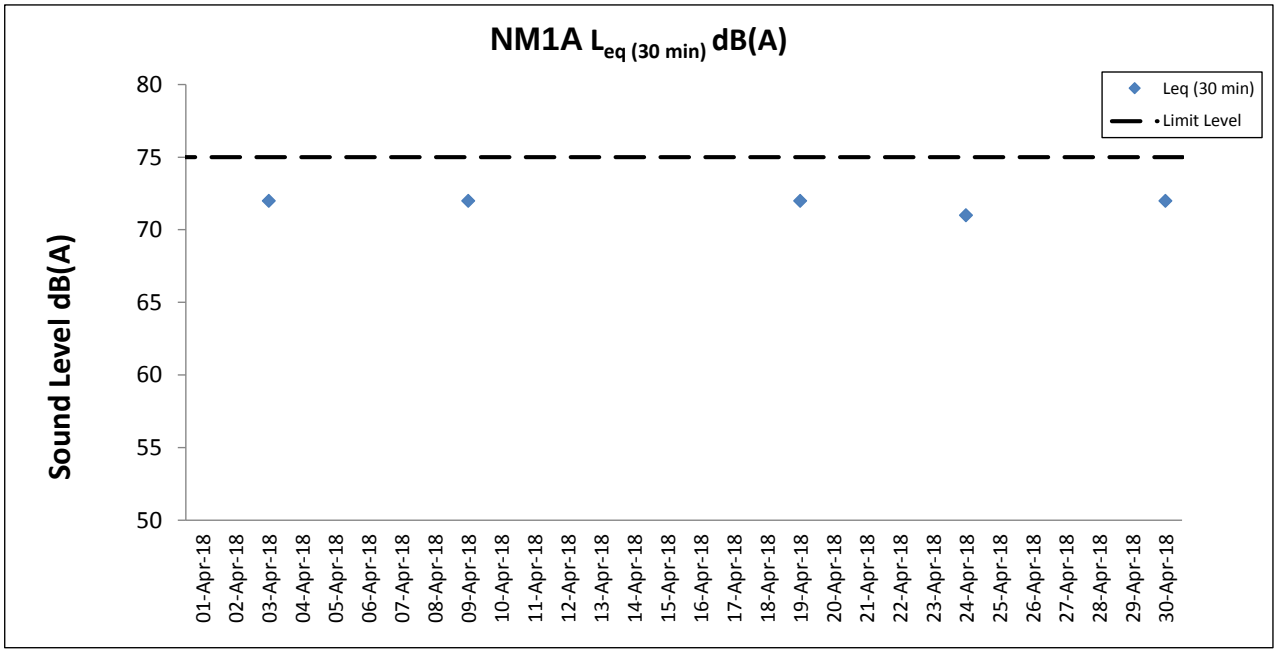
Date	Weather	Time	Measured L_{10} dB(A)	Measured L_{90} dB(A)	$L_{eq(30mins)}$ dB(A)
03-Apr-18	Sunny	09:01	53.5	48.0	61
03-Apr-18	Sunny	09:06	59.5	48.5	
03-Apr-18	Sunny	09:11	56.5	50.0	
03-Apr-18	Sunny	09:16	54.5	49.5	
03-Apr-18	Sunny	09:21	62.0	48.5	
03-Apr-18	Sunny	09:26	62.0	49.5	
09-Apr-18	Sunny	08:55	63.5	51.0	59
09-Apr-18	Sunny	09:00	59.5	51.0	
09-Apr-18	Sunny	09:05	56.5	48.0	
09-Apr-18	Sunny	09:10	56.5	48.5	
09-Apr-18	Sunny	09:15	56.0	48.5	
09-Apr-18	Sunny	09:20	59.0	48.5	
19-Apr-18	Sunny	09:08	65.5	54.5	61
19-Apr-18	Sunny	09:13	62.0	53.5	
19-Apr-18	Sunny	09:18	59.5	53.5	
19-Apr-18	Sunny	09:23	62.0	54.0	
19-Apr-18	Sunny	09:28	61.0	54.5	
19-Apr-18	Sunny	09:33	63.5	54.5	
26-Apr-18	Cloudy	11:06	61.5	50.0	57
26-Apr-18	Cloudy	11:11	63.5	51.0	
26-Apr-18	Cloudy	11:16	54.5	49.5	
26-Apr-18	Cloudy	11:21	55.0	50.0	
26-Apr-18	Cloudy	11:26	58.5	50.0	
26-Apr-18	Cloudy	11:31	59.5	49.0	
30-Apr-18	Sunny	09:01	53.0	45.0	54
30-Apr-18	Sunny	09:06	57.0	45.0	
30-Apr-18	Sunny	09:11	53.0	43.5	
30-Apr-18	Sunny	09:16	52.0	45.0	
30-Apr-18	Sunny	09:21	50.0	43.0	
30-Apr-18	Sunny	09:26	54.5	44.5	

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-Apr-18	Sunny	09:42	68.5	51.5	70
04-Apr-18	Sunny	09:47	73.0	55.0	
04-Apr-18	Sunny	09:52	76.5	50.5	
04-Apr-18	Sunny	09:57	73.0	50.0	
04-Apr-18	Sunny	10:02	72.5	48.5	
04-Apr-18	Sunny	10:07	61.0	49.5	
12-Apr-18	Sunny	09:41	73.5	60.0	68
12-Apr-18	Sunny	09:46	74.0	55.5	
12-Apr-18	Sunny	09:51	72.0	58.5	
12-Apr-18	Sunny	09:56	71.5	55.5	
12-Apr-18	Sunny	10:01	69.0	59.0	
12-Apr-18	Sunny	10:06	71.0	57.5	
17-Apr-18	Cloudy	09:39	76.0	59.5	74
17-Apr-18	Cloudy	09:44	80.0	59.5	
17-Apr-18	Cloudy	09:49	74.0	57.5	
17-Apr-18	Cloudy	09:54	77.5	57.0	
17-Apr-18	Cloudy	09:59	71.5	51.0	
17-Apr-18	Cloudy	10:04	74.5	54.0	
26-Apr-18	Cloudy	09:42	67.0	52.5	62
26-Apr-18	Cloudy	09:47	69.5	54.5	
26-Apr-18	Cloudy	09:52	68.0	57.0	
26-Apr-18	Cloudy	09:57	70.5	61.5	
26-Apr-18	Cloudy	10:02	69.0	54.0	
26-Apr-18	Cloudy	10:07	70.5	53.5	

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


NM1A $L_{eq\ (30\ min)}$ dB(A)
Sound Level dB(A)
80
75
70
65
60
55
50
Leq (30 min)
Limit Level
01-Apr-18
02-Apr-18
03-Apr-18
04-Apr-18
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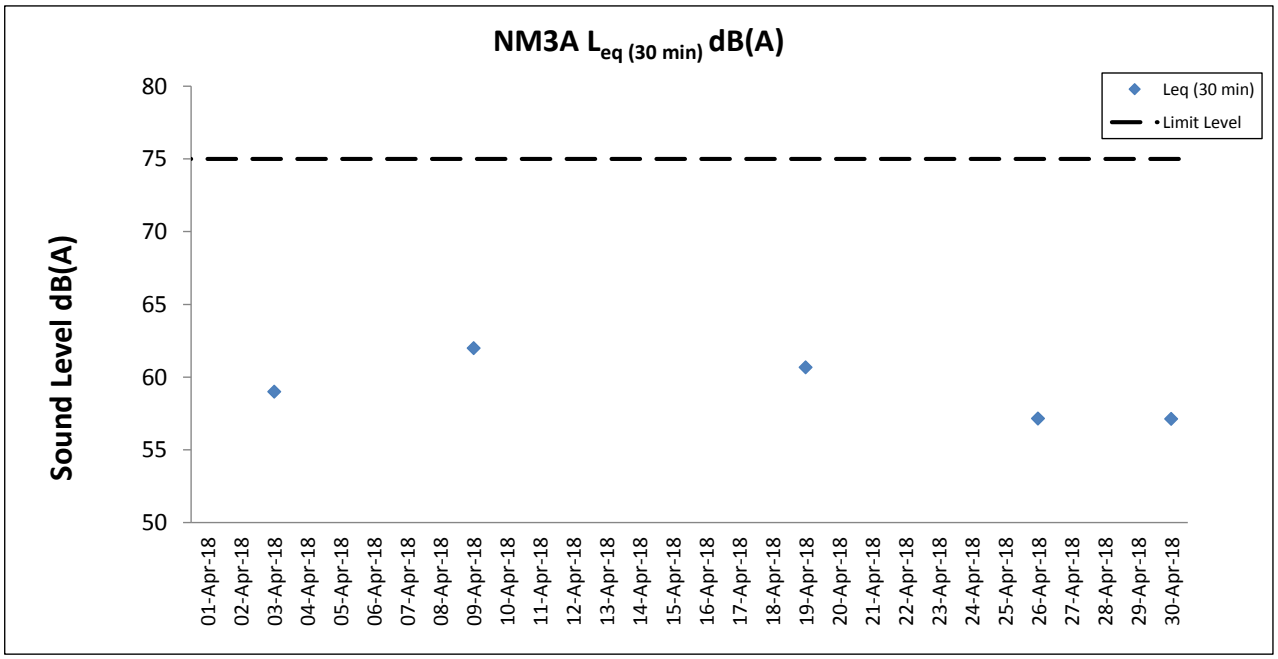
NM3A $L_{eq\ (30\ min)}$ dB(A)
Sound Level dB(A)
80
75
70
65
60
55
50
Leq (30 min)
Limit Level
01-Apr-18
02-Apr-18
03-Apr-18
04-Apr-18
05-Apr-18
06-Apr-18
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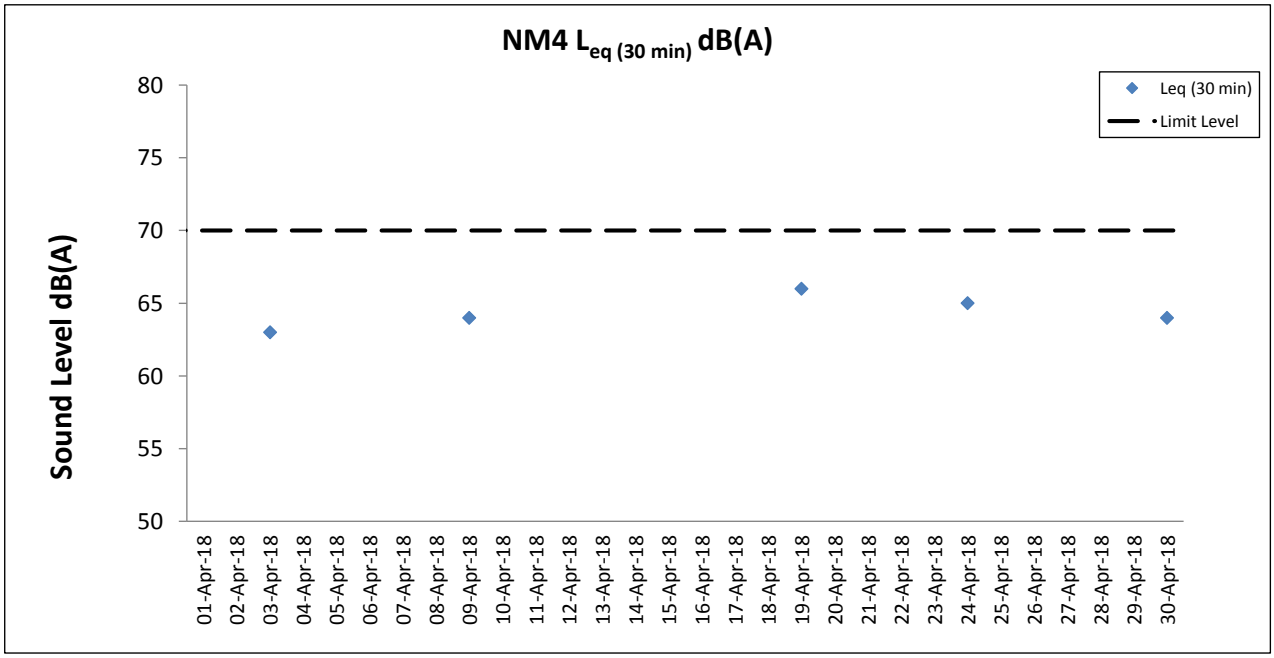
NM4 $L_{eq\ (30\ min)}$ dB(A)
Sound Level dB(A)
80
75
70
65
60
55
50
Leq (30 min)
Limit Level
01-Apr-18
02-Apr-18
03-Apr-18
04-Apr-18
05-Apr-18
06-Apr-18
07-Apr-18
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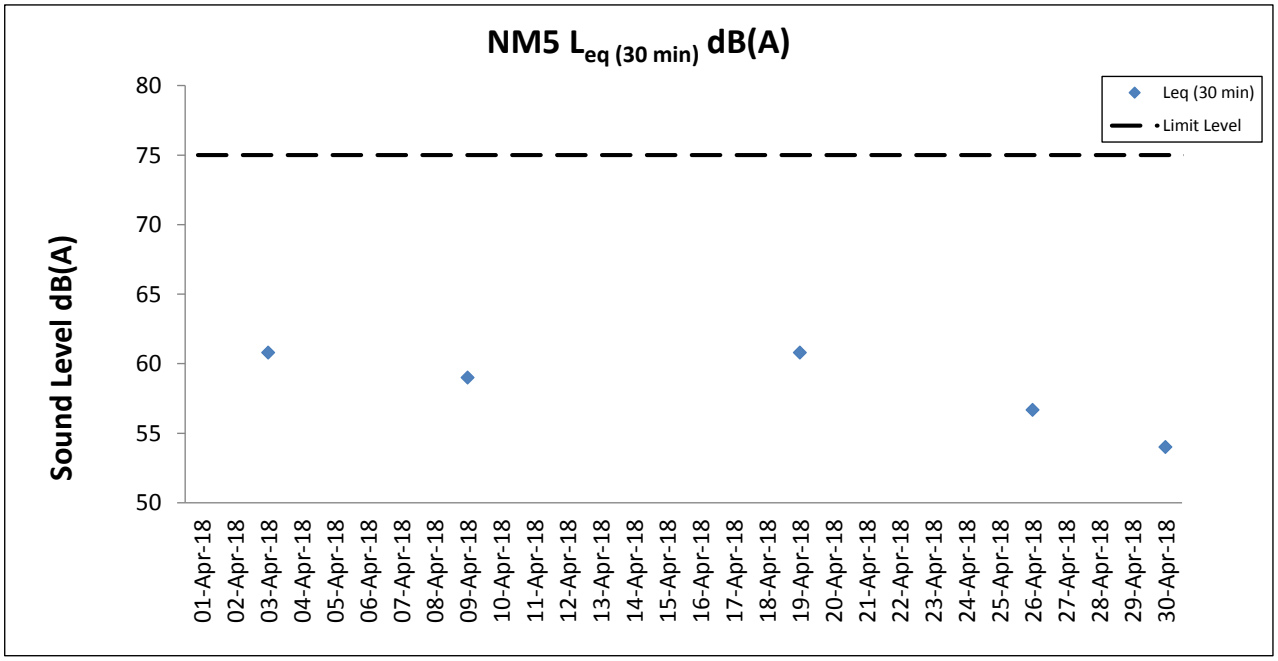
30-Apr-18


NM5 $L_{eq\ (30\ min)}$ dB(A)
Sound Level dB(A)
80
75
70
65
60
55
50
Leq (30 min)
Limit Level
01-Apr-18
02-Apr-18
03-Apr-18
04-Apr-18
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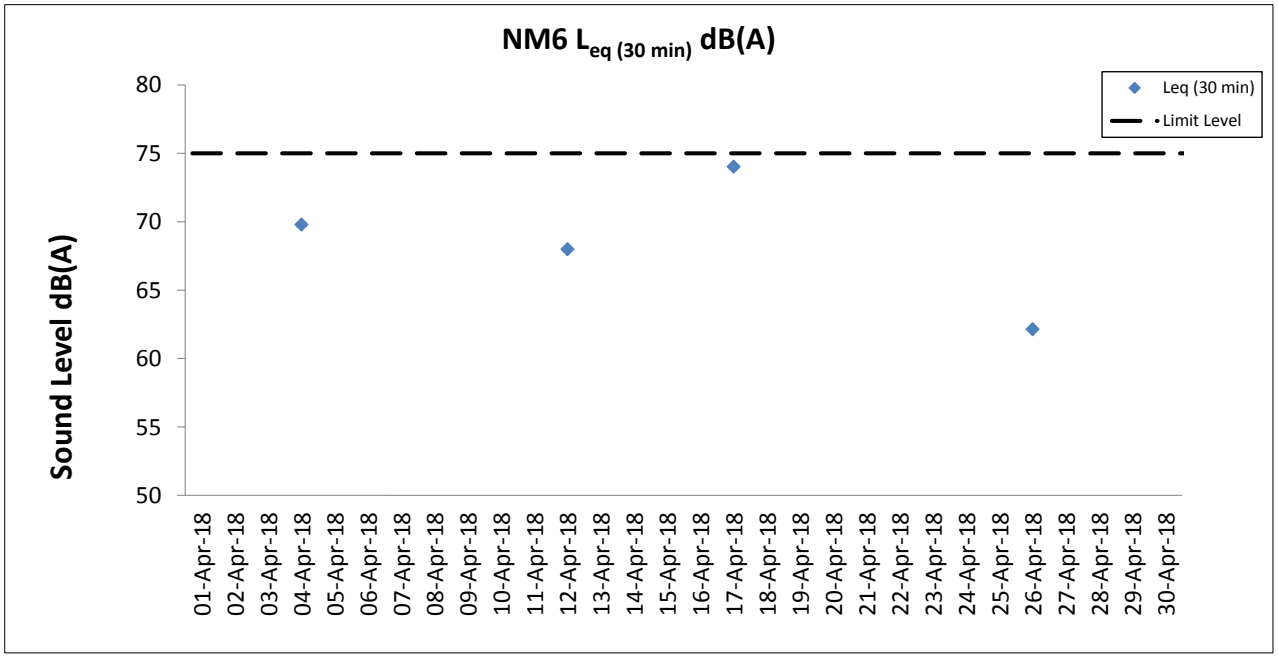
NM6 $L_{eq\ (30\ min)}$ dB(A)
Sound Level dB(A)
80
75
70
65
60
55
50
Leq (30 min)
Limit Level
01-Apr-18
02-Apr-18
03-Apr-18
04-Apr-18
05-Apr-18
06-Apr-18
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28-Apr-18
29-Apr-18
30-Apr-18

Water Quality Monitoring Results

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 03 April 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
C1	Fine	Moderate	14:04	8.5	Surface	1.0	0.2	194	23.0	23.0	8.1	8.1	28.7	28.7	101.8	101.9	7.4	7.4	2.8	9.0	6	6	72	74	815635	804233	<0.2	<0.2	1.8	2.2
						1.0	0.2	201	23.0		8.1		28.7		101.9		7.4		2.8		6		72				<0.2		2.1	
					Middle	4.3	0.4	210	22.1	22.1	8.1	8.1	30.1	30.1	99.8	99.8	7.3		4.4		7		74				<0.2		2.2	
						4.3	0.4	227	22.1		8.1		30.1		99.7		7.3		4.5		6		74				<0.2		2.2	
					Bottom	7.5	0.4	212	21.9	21.9	8.1	8.1	30.7	30.7	99.0	99.0	7.3	7.3	19.7		7		75				<0.2		2.5	
						7.5	0.4	212	21.9		8.1		30.7		99.0		7.3		19.9		6		76				<0.2		2.5	
C2	Fine	Moderate	13:02	12.1	Surface	1.0	0.4	148	23.1	23.1	7.8	7.8	26.6	26.6	91.7	91.7	6.7	6.7	7.4	11.6	12	12	73	75	825680	806942	<0.2	<0.2	3.0	3.1
						1.0	0.4	160	23.1		7.8		26.6		91.6		6.7		7.5		11		73				<0.2		2.8	
					Middle	6.1	0.5	165	22.5	22.5	7.9	7.9	28.9	28.9	90.6	90.6	6.6		10.5		12		75				<0.2		3.0	
						6.1	0.5	165	22.5		7.9		28.9		90.6		6.6		10.5		12		75				<0.2		3.2	
					Bottom	11.1	0.3	170	22.3	22.3	7.9	7.9	29.8	29.8	90.3	90.4	6.6	6.6	16.8		13		77				<0.2		3.3	
						11.1	0.3	177	22.3		7.9		29.8		90.4		6.6		16.7		12		77				<0.2		3.4	
C3	Fine	Moderate	14:46	12.1	Surface	1.0	0.3	63	22.9	22.9	7.9	7.9	29.2	29.2	93.5	93.5	6.8	6.7	11.6	12.6	11	12	73	75	822134	817786	<0.2	<0.2	2.2	2.0
						1.0	0.3	66	22.9		7.9		29.2		93.5		6.8		11.5		11		73				<0.2		1.9	
					Middle	6.1	0.1	97	22.4	22.4	7.9	7.9	29.9	29.9	90.6	90.7	6.6		15.9		11		75				<0.2		2.0	
						6.1	0.1	99	22.4		7.9		29.9		90.7		6.6		15.9		12		75				<0.2		1.9	
					Bottom	11.1	0.1	112	22.3	22.3	7.9	7.9	30.2	30.2	90.5	90.5	6.6	6.6	10.3		13		77				<0.2		1.9	
						11.1	0.1	114	22.3		7.9		30.2		90.5		6.6		10.2		14		77				<0.2		1.8	
IM1	Fine	Moderate	13:45	7.6	Surface	1.0	0.1	206	23.2	23.2	8.1	8.1	29.0	29.0	101.9	102.0	7.4	7.4	4.1	5.6	8	8	72	74	818341	806487	<0.2	<0.2	2.2	2.1
						1.0	0.2	224	23.2		8.1		29.0		102.0		7.4		4.1		9		72				<0.2		2.0	
					Middle	3.8	0.2	187	22.6	22.6	8.1	8.1	29.5	29.5	100.8	100.8	7.4		3.8		8		73				<0.2		2.3	
						3.8	0.2	195	22.6		8.1		29.5		100.8		7.4		3.8		7		74				<0.2		2.1	
					Bottom	6.6	0.3	181	22.1	22.1	8.1	8.1	30.3	30.3	98.8	98.8	7.2	7.2	9.0		7		75				<0.2		2.0	
						6.6	0.3	195	22.1		8.1		30.3		98.8		7.2		9.1		7		76				<0.2		1.9	
IM2	Fine	Moderate	13:40	8.5	Surface	1.0	0.1	227	23.2	23.2	8.1	8.1	28.9	28.9	100.5	100.6	7.3	7.3	5.7	6.2	9	9	72	74	818824	806170	<0.2	<0.2	2.4	2.2
						1.0	0.2	232	23.2		8.1		28.9		100.6		7.3		5.7		8		73				<0.2		2.3	
					Middle	4.3	0.1	210	22.5	22.5	8.1	8.1	29.9	29.9	100.6	100.5	7.3		4.8		9		74				<0.2		2.5	
						4.3	0.1	216	22.5		8.1		29.9		100.4		7.3		5.1		8		74				<0.2		2.2	
					Bottom	7.5	0.2	210	22.1	22.1	8.1	8.1	30.4	30.4	98.5	98.5	7.2	7.2	8.0		11		76				<0.2		2.0	
						7.5	0.2	213	22.1		8.1		30.4		98.4		7.2		7.9		9		77				<0.2		2.0	
IM3	Fine	Moderate	13:35	8.7	Surface	1.0	0.1	188	22.9	22.9	8.1	8.1	29.5	29.5	99.2	99.2	7.2	7.2	6.6	9.0	9	10	72	74	819419	806034	<0.2	<0.2	1.6	1.5
						1.0	0.1	201	22.8		8.1		29.5		99.1		7.2		6.6		10		72				<0.2		1.5	
					Middle	4.4	0.3	189	22.6	22.6	8.1	8.1	29.6	29.6	98.0	98.0	7.1		8.6		9		73				<0.2		1.6	
						4.4	0.3	205	22.6		8.1		29.6		98.0		7.1		8.6		10		74				<0.2		1.5	
					Bottom	7.7	0.2	195	22.0	22.0	8.1	8.1	30.4	30.4	97.2	97.2	7.1	7.1	11.9		11		76				<0.2		1.5	
						7.7	0.2	201	22.0		8.1		30.4		97.1		7.1		12.0		13		77				<0.2		1.5	
IM4	Fine	Moderate	13:28	7.9	Surface	1.0	0.3	190	22.6	22.6	8.1	8.1	29.6	29.6	98.3	98.3	7.2	7.2	8.0	11.5	12	13	71	73	819547	805039	<0.2	<0.2	2.2	2.1
						1.0	0.3	200	22.6		8.1		29.6		98.3		7.2		8.1		14		72				<0.2		2.1	
					Middle	4.0	0.3	176	22.1	22.1	8.1	8.1	29.9	29.9	96.5	96.5	7.1		12.7		13		73				<0.2		2.1	
						4.0	0.3	176	22.1		8.1		29.9		96.5		7.1		12.8		13		73				<0.2		2.0	
					Bottom	6.9	0.2	182	22.0	22.0	8.1	8.1	30.0	30.0	96.5	96.5	7.1	7.1	13.6		12		75				<0.2		2.0	
						6.9	0.3	193	22.0		8.1		30.0		96.5		7.1		13.6		13		76				<0.2		1.9	
IM5	Fine	Moderate	13:19	7.3	Surface	1.0	0.2	164	22.3	22.3	8.1	8.1	29.2	29.2	96.2	96.2	7.1	7.1	11.7	12.9	15	15	71	73	820535	804951	<0.2	<0.2	2.0	1.8
						1.0	0.2	171	22.3		8.1		29.2		96.2		7.1		11.8		14		72				<0.2		1.9	
					Middle	3.7	0.2	146	22.3	22.3	8.1	8.1	29.3	29.3	96.0	96.0	7.1		11.8		15		73				<0.2		1.7	
						3.7	0.2	158	22.3		8.1		29.3		96.0		7.1		11.8		14		73				<0.2		1.8	
					Bottom	6.3	0.1	206	22.2	22.2	8.1	8.1	29.5	29.5	95.7	95.7	7.0	7.0	15.3		15		75				<0.2		1.9	
						6.3	0.1	226	22.2		8.1		29.5		95.7		7.0		15.0		16		75				<0.2		1.7	
IM6	Fine	Moderate	13:11	7.2	Surface	1.0	0.1	137	22.8	22.8	8.1	8.1	29.1	29.1	98.0	97.9	7.1	7.1	8.3	11.1	11	11	72	73	821046	805802	<0.2	<0.2	2.1	1.9
						1.0	0.1	141	22.8		8.1		29.1		97.8		7.1		8.5		11		72				<0.2		2.0	
					Middle	3.6	0.2	192	22.4	22.4	8.1	8.1	29.4	29.4	96.3	96.3	7.1		10.3		10		73				<0.2		1.9	
						3.6	0.2	194	22.4		8.1		29.4		96.3		7.1		10.4		11		73				<0.2		1.8	
					Bottom	6.2	0.2	183	22.3	22.3	8.1	8.1	29.5	29.5	95.6	95.6	7.0	7.0	14.8		11		75				<0.2		1.9	
						6.2	0.2	184	22.3		8.1		29.5		95.6		7.0		14.3		12		75				<0.2		1.7	
IM7	Fine	Moderate	13:03	8.8	Surface	1.0	0.2	151	23.3	23.3	8.1	8.1	25.5	25.5	94.3	94.5	6.9	7.0	7.2	12.6	7	9	72	73	821344	806863	<0.2	<0.2	1.2	1.1
						1.0	0.2	160	23.3		8.1		25.5		94.6		7.0		7.3		8		72				<0.2		1.1	
					Middle	4.4	0.3	108	22.7	22.7	8.1	8.1	29.2	29.2	96.7	96.7	7.1		10.2		8		73				<0.2		1.2	
						4.4	0.3	114	22.7		8.1		29.2		96.7		7.1		10.3		9		73				<0.2		1.2	
					Bottom	7.8	0.0	4	22.4	22.4	8.1	8.1	29.4	29.4	95.5	95.5	7.0	7.0	20.3		11		75				<0.2		1.1	
						7.8	0.0	4	22.4		8.1		29.4		95.5		7.0		20.3		10		75				<0.2		1.0	
IM8	Fine	Moderate	13:27	8.4	Surface	1.0	0.2	147	22.8	22.8	7.9	7.9	27.4	27.4	95.2	95.3	7.0	7.2	10.9	12.5	8	8	73	75	821710	807841	<0.2	<0.2	1.9	1.9
						1.0	0.2	158	22.8		7.9		27.4		95.4		7.0		10.9		7		74				<0.2		1.9	
					Middle	4.2	0.3	82	23.0	23.0	8.0	8.0	29.8	29.8	100.5	100.6	7.3		12.8		7		75				<0.2		1.9	
						4.2	0.3	86	23.0		8.0		29.9		100.6		7.3		12.8		7		76				<0.2		1.9	
					Bottom	7.4	0.3	50	22.5	22.5	8.0	8.0	30.7	30.7	100.0	100.0	7.3	7.3	13.9		8		77				<0.2		1.9	
						7.4	0.3	54	22.5		8.0		30.7		100.0		7.3		13.9		8		77				<0.2		2.0	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 03 April 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
IM9	Fine	Moderate	13:35	7.4	Surface	1.0	0.4	121	22.7	22.7	7.9	7.9	28.7	28.7	96.8	96.8	7.1	7.2	15.9	18.0	16	15	73	75	822104	808812	<0.2	<0.2	1.2	1.2
						1.0	0.5	122	22.7		7.9		28.7		96.8		7.1		15.8		15		73				<0.2		1.2	
					Middle	3.7	0.4	93	22.6	22.6	8.0	8.0	29.9	29.8	98.9	98.9	7.2		17.9		14		75				<0.2		1.1	
						3.7	0.4	93	22.6		8.0		29.8		98.9		7.2		17.8		14		76				<0.2		1.2	
					Bottom	6.4	0.3	75	22.6	22.6	8.0	8.0	30.4	30.4	100.0	100.0	7.2	7.2	20.5		14		77				<0.2		1.2	
						6.4	0.3	77	22.6		8.0		30.4		100.0		7.2		20.2		14		77				<0.2		1.0	
IM10	Fine	Moderate	13:44	8.3	Surface	1.0	0.7	109	23.2	23.2	7.9	7.9	27.5	27.6	96.4	96.4	7.0	7.1	12.0	15.3	9	8	73	75	822240	809862	<0.2	<0.2	1.8	1.8
						1.0	0.7	116	23.2		7.9		27.6		96.4		7.0		12.0		8		73				<0.2		1.9	
					Middle	4.2	0.6	102	22.7	22.7	8.0	8.0	29.2	29.2	97.2	97.3	7.1		14.3		7		75				<0.2		1.8	
						4.2	0.7	109	22.7		8.0		29.2		97.3		7.1		14.2		7		75				<0.2		1.8	
					Bottom	7.3	0.4	82	22.7	22.7	8.0	8.0	29.9	29.9	97.8	97.8	7.1	7.1	19.5		8		77				<0.2		1.9	
						7.3	0.5	84	22.7		8.0		29.9		97.8		7.1		19.8		7		77				<0.2		1.8	
IM11	Fine	Moderate	13:55	8.4	Surface	1.0	0.5	115	23.3	23.3	7.9	7.9	27.4	27.4	96.8	96.8	7.1	7.1	13.0	15.7	13	13	73	75	821472	810547	<0.2	<0.2	1.2	1.6
						1.0	0.6	119	23.3		7.9		27.4		96.8		7.1		13.1		12		73				<0.2		1.2	
					Middle	4.2	0.4	100	22.9	22.9	8.0	8.0	29.0	29.0	97.6	97.7	7.1		15.2		14		75				<0.2		1.9	
						4.2	0.4	109	22.9		8.0		29.0		97.7		7.1		15.6		13		75				<0.2		1.8	
					Bottom	7.4	0.4	70	22.9	22.9	8.1	8.1	29.6	29.6	98.3	98.4	7.1	7.1	18.7		13		77				<0.2		1.6	
						7.4	0.4	72	22.9		8.1		29.6		98.4		7.1		18.8		14		77				<0.2		1.8	
IM12	Fine	Moderate	14:02	9.1	Surface	1.0	0.5	110	23.5	23.5	8.0	8.0	27.4	27.4	97.9	98.0	7.1	7.1	9.7	13.4	10	10	73	75	821152	811527	<0.2	<0.2	1.7	1.7
						1.0	0.6	111	23.5		8.0		27.4		98.0		7.1		9.7		9		73				<0.2		1.7	
					Middle	4.6	0.5	91	23.1	23.1	8.0	8.0	29.0	29.0	98.2	98.2	7.1		13.5		10		75				<0.2		1.6	
						4.6	0.5	92	23.1		8.0		29.1		98.2		7.1		13.6		10		75				<0.2		1.6	
					Bottom	8.1	0.4	84	23.0	23.0	8.1	8.1	29.5	29.5	98.1	98.1	7.1	7.1	17.1		10		77				<0.2		1.7	
						8.1	0.4	89	23.0		8.1		29.5		98.1		7.1		17.0		11		77				<0.2		1.6	
SR2	Fine	Moderate	14:28	3.2	Surface	1.0	0.4	82	22.8	22.8	7.9	7.9	28.4	28.4	91.0	91.0	6.7	6.7	13.2	14.2	9	9	73	74	821440	814152	<0.2	<0.2	1.6	1.5
						1.0	0.4	84	22.8		7.9		28.4		91.0		6.7		13.6		9		73				<0.2		1.5	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.2	0.4	78	22.8	22.8	7.9	7.9	28.4	28.4	91.0	91.0	6.7	6.7	15.0		9		75				<0.2		1.6	
						2.2	0.4	85	22.8		7.9		28.4		91.0		6.7		15.0		9		75				<0.2		1.4	
SR3	Fine	Moderate	13:22	9.2	Surface	1.0	0.3	167	22.8	22.8	7.9	7.9	27.7	27.7	94.7	94.7	7.0	7.1	9.8	13.0	6	7	-	-	822170	807571	-	-	-	-
						1.0	0.3	170	22.8		7.9		27.7		94.7		7.0		9.9		7		-				-		-	
					Middle	4.6	0.2	117	22.7	22.7	7.9	7.9	28.8	28.7	96.8	96.9	7.1		13.4		7		-				-		-	
						4.6	0.2	126	22.7		7.9		28.7		96.9		7.1		13.4		8		-				-		-	
					Bottom	8.2	0.3	65	22.5	22.5	8.0	8.0	30.7	30.7	99.8	99.8	7.2	7.2	15.7		7		-				-		-	
						8.2	0.3	68	22.5		8.0		30.7		99.7		7.2		15.5		8		-				-		-	
SR4A	Fine	Calm	14:27	8.7	Surface	1.0	0.5	54	22.6	22.6	8.1	8.1	29.3	29.3	96.9	96.9	7.1	7.1	10.1	10.7	14	14	-	-	817162	807832	-	-	-	-
						1.0	0.6	55	22.6		8.1		29.3		96.9		7.1		10.1		15		-				-		-	
					Middle	4.4	0.4	60	22.5	22.5	8.1	8.1	29.5	29.5	96.7	96.8	7.1		10.9		14		-				-		-	
						4.4	0.4	64	22.5		8.1		29.5		96.8		7.1		10.9		15		-				-		-	
					Bottom	7.7	0.4	61	22.3	22.3	8.1	8.1	29.9	29.9	96.1	96.1	7.0	7.0	11.0		13		-				-		-	
						7.7	0.4	63	22.3		8.1		29.9		96.1		7.0		11.2		15		-				-		-	
SR5A	Fine	Calm	14:42	5.0	Surface	1.0	0.0	19	23.5	23.5	8.0	8.0	28.0	28.0	89.8	89.9	6.5	6.5	9.4	9.6	15	14	-	-	816569	810676	-	-	-	-
						1.0	0.0	20	23.5		8.0		28.0		90.0		6.5		9.5		14		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.0	0.1	127	23.3	23.3	8.0	8.0	28.2	28.2	92.1	92.2	6.7	6.7	9.8		14		-				-		-	
						4.0	0.2	127	23.3		8.0		28.2		92.2		6.7		9.8		13		-				-		-	
SR6	Fine	Calm	15:07	3.8	Surface	1.0	0.1	72	23.5	23.5	8.0	8.0	27.6	27.6	88.5	88.5	6.4	6.4	8.8	10.7	12	12	-	-	817883	814633	-	-	-	-
						1.0	0.1	75	23.5		8.0		27.6		88.5		6.4		8.7		12		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.8	0.1	92	23.1	23.1	8.0	8.0	27.9	27.9	87.1	87.1	6.3	6.4	12.5		12		-				-		-	
						2.8	0.1	92	23.1		8.0		27.9		87.1		6.4		12.9		12		-				-		-	
SR7	Fine	Moderate	15:15	18.7	Surface	1.0	0.7	80	23.0	23.0	7.9	7.9	29.2	29.2	95.0	95.0	6.9	6.8	5.9	6.9	8	8	-	-	823647	823721	-	-	-	-
						1.0	0.7	81	23.0		7.9		29.2		95.0		6.9		5.9		8		-				-		-	
					Middle	9.4	0.4	77	22.3	22.3	7.9	7.9	30.6	30.6	91.6	91.6	6.7		7.1		9		-				-		-	
						9.4	0.4	82	22.3		7.9		30.6		91.6		6.7		7.1		8		-				-		-	
					Bottom	17.7	0.2	49	22.3	22.3	8.0	8.0	30.6	30.6	91.9	91.9	6.7	6.7	7.5		7		-				-		-	
						17.7	0.2	49	22.3		8.0		30.6		91.9		6.7		7.6		8		-				-		-	
SR8	Fine	Moderate	14:12	4.1	Surface	1.0	-	-	23.0	23.0	7.9	7.9	28.1	28.1	92.3	92.4	6.7	6.7	12.2	13.3	10	10	-	-	820246	811418	-	-	-	-
						1.0	-	-	23.0		7.9		28.1		92.4		6.7		12.2		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	-	-	22.9	22.9	7.9	7.9	28.4	28.4	93.1	93.2	6.8	6.8	14.5		10		-				-		-	
						3.1	-	-	22.9		7.9		28.4		93.3		6.8		14.4		9		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 03 April 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
C1	Fine	Moderate	08:59	8.5	Surface	1.0	0.6	13	22.3	22.3	8.1	8.1	29.3	29.3	96.4	96.4	7.1	7.1	11.1	17.6	14	14	71	73	815614	804264	<0.2	<0.2	1.4	1.1
						1.0	0.6	14	22.3		8.1		29.3		96.4		7.1		11.2		14		72				<0.2		1.3	
					Middle	4.3	0.5	16	22.2	22.2	8.1	8.1	29.4	29.4	96.0	96.0	7.1		20.1		14		73				<0.2		1.1	
						4.3	0.5	17	22.2		8.1		29.4		96.0		7.1		20.5		12		73				<0.2		1.0	
					Bottom	7.5	0.5	20	22.1	22.1	8.1	8.1	29.6	29.6	95.5	95.5	7.0	7.0	21.3		14		75				<0.2		1.0	
						7.5	0.5	20	22.1		8.1		29.6		95.5		7.0		21.4		14		76				<0.2		1.0	
C2	Fine	Moderate	09:37	12.2	Surface	1.0	0.6	10	23.0	23.0	7.8	7.8	27.2	27.2	88.7	88.7	6.6	6.6	6.1	11.8	8	8	73	75	825661	806927	<0.2	<0.2	3.2	3.3
						1.0	0.6	10	22.9		7.8		27.2		88.7		6.6		6.1		9		73				<0.2		3.3	
					Middle	6.1	0.6	4	22.6	22.6	7.8	7.8	27.2	27.2	88.7	88.7	6.6		10.7		8		75				<0.2		3.4	
						6.1	0.6	4	22.6		7.9		27.2		88.7		6.6		10.8		8		75				<0.2		3.3	
					Bottom	11.2	0.4	330	22.5	22.5	7.9	7.9	27.2	27.2	88.5	88.5	6.6	6.6	18.9		8		77				<0.2		3.3	
						11.2	0.4	341	22.5		7.9		27.2		88.5		6.6		18.0		8		77				<0.2		3.4	
C3	Fine	Moderate	07:42	11.3	Surface	1.0	0.6	268	22.6	22.6	8.0	8.0	26.6	26.6	88.5	88.5	6.7	6.7	5.0	8.8	9	10	73	75	822081	817813	<0.2	<0.2	2.0	2.1
						1.0	0.6	292	22.6		8.0		26.6		88.5		6.7		5.0		10		73				<0.2		2.1	
					Middle	5.7	0.7	262	22.4	22.4	8.0	8.0	27.7	27.7	90.1	90.2	6.7		6.8		9		75				<0.2		2.0	
						5.7	0.8	265	22.4		8.0		27.7		90.2		6.7		7.0		10		74				<0.2		2.1	
					Bottom	10.3	0.5	263	22.3	22.3	8.0	8.0	28.9	28.9	90.4	90.5	6.7	6.7	14.5		11		76				<0.2		2.2	
						10.3	0.6	289	22.3		8.0		28.9		90.5		6.7		14.6		9		77				<0.2		2.3	
IM1	Fine	Moderate	09:15	7.8	Surface	1.0	0.6	347	22.6	22.6	8.1	8.1	27.9	27.9	93.2	93.2	6.9	6.9	12.3	19.1	12	14	72	74	818339	806442	<0.2	<0.2	3.0	3.0
						1.0	0.7	319	22.6		8.1		27.9		93.2		6.9		12.3		12		72				<0.2		3.0	
					Middle	3.9	0.5	0	22.5	22.5	8.1	8.1	28.2	28.2	93.0	93.0	6.9		20.5		12		73				<0.2		2.9	
						3.9	0.6	0	22.5		8.1		28.2		93.0		6.9		20.5		11		74				<0.2		3.0	
					Bottom	6.8	0.4	345	22.4	22.4	8.1	8.1	28.3	28.3	92.9	92.9	6.8	6.8	24.7		17		75				<0.2		3.1	
						6.8	0.5	351	22.4		8.1		28.3		92.8		6.8		24.3		17		76				<0.2		3.0	
IM2	Fine	Moderate	09:20	8.6	Surface	1.0	0.7	14	22.5	22.5	8.1	8.1	27.4	27.5	93.9	94.0	6.9	6.9	5.2	16.4	9	9	72	74	818864	806167	<0.2	<0.2	2.4	2.4
						1.0	0.8	15	22.5		8.1		27.5		94.0		6.9		5.3		9		73				<0.2		2.4	
					Middle	4.3	0.7	26	22.4	22.4	8.1	8.1	28.6	28.6	94.4	94.4	6.9		20.6		8		73				<0.2		2.8	
						4.3	0.8	28	22.4		8.1		28.7		94.4		6.9		20.4		8		73				<0.2		2.6	
					Bottom	7.6	0.5	27	22.4	22.4	8.1	8.1	28.7	28.7	94.0	94.0	6.9	6.9	23.5		9		75				<0.2		2.6	
						7.6	0.6	28	22.4		8.1		28.7		93.9		6.9		23.3		10		76				<0.2		1.8	
IM3	Fine	Moderate	09:25	8.6	Surface	1.0	0.7	356	22.7	22.7	8.1	8.1	26.7	26.7	91.9	91.9	6.8	6.9	5.3	14.0	7	7	71	73	819402	806038	<0.2	<0.2	2.7	2.6
						1.0	0.7	328	22.7		8.1		26.7		91.9		6.8		5.3		6		72				<0.2		2.7	
					Middle	4.3	0.5	11	22.5	22.5	8.1	8.1	28.1	28.1	93.3	93.3	6.9		17.5		7		73				<0.2		2.5	
						4.3	0.6	11	22.5		8.1		28.1		93.3		6.9		17.8		8		74				<0.2		2.6	
					Bottom	7.6	0.4	7	22.4	22.4	8.1	8.1	28.5	28.5	93.2	93.2	6.9	6.9	19.2		8		75				<0.2		2.5	
						7.6	0.4	7	22.4		8.1		28.5		93.2		6.9		19.0		7		75				<0.2		2.4	
IM4	Fine	Moderate	09:33	8.2	Surface	1.0	0.6	20	22.7	22.7	8.1	8.1	26.5	26.5	92.2	92.2	6.8	6.9	4.8	15.1	7	7	72	73	819584	805066	<0.2	<0.2	2.9	2.8
						1.0	0.7	21	22.7		8.1		26.5		92.2		6.8		4.8		6		73				<0.2		2.8	
					Middle	4.1	0.6	24	22.3	22.3	8.1	8.1	28.2	28.2	93.0	93.0	6.9		19.6		8		73				<0.2		2.9	
						4.1	0.7	24	22.3		8.1		28.2		93.0		6.9		19.6		7		74				<0.2		2.7	
					Bottom	7.2	0.5	26	22.3	22.3	8.1	8.1	28.3	28.3	92.9	92.9	6.9	6.9	20.9		7		75				<0.2		2.7	
						7.2	0.5	26	22.3		8.1		28.3		92.9		6.9		21.1		8		70				<0.2		2.8	
IM5	Fine	Moderate	09:43	7.4	Surface	1.0	0.8	21	22.7	22.7	8.0	8.0	26.5	26.5	92.0	92.1	6.8	6.8	8.3	16.6	8	9	71	73	820541	804953	<0.2	<0.2	2.7	2.8
						1.0	0.8	22	22.6		8.0		26.5		92.1		6.8		8.4		8		72				<0.2		2.8	
					Middle	3.7	0.7	18	22.4	22.4	8.1	8.1	27.5	27.5	92.1	92.1	6.8		18.2		8		73				<0.2		2.7	
						3.7	0.8	18	22.4		8.1		27.5		92.1		6.8		18.2		8		73				<0.2		2.7	
					Bottom	6.4	0.6	9	22.3	22.3	8.1	8.1	28.0	28.0	92.3	92.3	6.8	6.8	23.1		12		75				<0.2		2.7	
						6.4	0.7	9	22.3		8.1		28.0		92.3		6.8		23.2		12		76				<0.2		3.0	
IM6	Fine	Moderate	09:49	8.2	Surface	1.0	0.5	34	22.6	22.6	8.1	8.1	27.3	27.3	91.4	91.4	6.8	6.8	10.2	17.8	7	8	72	74	821070	805838	<0.2	<0.2	2.7	2.8
						1.0	0.5	36	22.6		8.1		27.3		91.4		6.8		10.2		8		72				<0.2		2.8	
					Middle	4.1	0.5	41	22.6	22.6	8.1	8.1	27.3	27.3	91.3	91.3	6.7		20.1		8		73				<0.2		2.8	
						4.1	0.5	43	22.6		8.1		27.3		91.3		6.7		20.1		8		74				<0.2		2.9	
					Bottom	7.2	0.4	53	22.6	22.6	8.1	8.1	27.3	27.3	91.4	91.4	6.8	6.8	23.2		8		75				<0.2		2.9	
						7.2	0.5	54	22.6		8.1		27.3		91.4		6.8		23.2		8		75				<0.2		2.7	
IM7	Fine	Moderate	09:55	8.5	Surface	1.0	0.4	46	22.6	22.6	8.1	8.1	27.4	27.4	91.4	91.4	6.8	6.8	12.3	16.3	7	8	72	74	821340	806822	<0.2	<0.2	2.9	2.9
						1.0	0.4	49	22.6		8.1		27.4		91.4		6.8		12.3		8		73				<0.2		2.9	
					Middle	4.3	0.4	47	22.6	22.6	8.1	8.1	27.3	27.3	91.2	91.2	6.7		15.7		8		73				<0.2		2.7	
						4.3	0.4	49	22.6		8.1		27.3		91.2		6.7		15.5		8		74				<0.2		2.8	
					Bottom	7.5	0.4	69	22.6	22.6	8.1	8.1	27.3	27.3	91.2	91.2	6.7	6.7	21.1		7		77				<0.2		3.0	
						7.5	0.4	72	22.6		8.1		27.3		91.2		6.7		21.1		7		76				<0.2		2.9	
IM8	Fine	Moderate	09:09	8.4	Surface	1.0	0.3	28	22.8	22.8	8.0	8.0	26.2	26.2	88.6	88.7	6.7	6.7	10.7	14.4	12	12	73	75	821715	807843	<0.2	<0.2	2.2	2.3
						1.0	0.3	30	22.8		8.0		26.2		88.7		6.7		10.7		11		73				<0.2		2.3	
					Middle	4.2	0.5	41	22.6	22.6	8.0	8.0	27.9	27.9	90.2	90.2	6.7		15.9		12		75				<0.2		2.2	
						4.2	0.5	43	22.6		8.0		27.9		90.2		6.7		15.8		12		75				<0.2		2.2	
					Bottom	7.4	0.4	48	22.6	22.6	8.1	8.1	28.7	28.7	90.7	90.7	6.8	6.8	16.5		13		77				<0.2		2.3	
						7.4	0.4	50	22.6		8.1		28.7		90.7		6.8		16.6		12		77				<0.2		2.5	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 03 April 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
IM9	Fine	Moderate	09:01	7.3	Surface	1.0	0.3	319	22.7	22.7	8.0	8.0	28.3	28.3	91.0	91.0	6.8	6.8	12.4	14.2	30	31	73	75	822111	808816	<0.2	<0.2	2.2	2.3
						1.0	0.3	324	22.7		8.0		28.3		91.0		6.8		12.2		31		73				<0.2		2.3	
					Middle	3.7	0.3	332	22.7	22.7	7.9	7.9	28.3	28.3	90.9	91.0	6.8		14.3		32		75				<0.2		2.2	
						3.7	0.3	347	22.7		7.9		28.3		91.0		6.8		14.2		30		75				<0.2		2.4	
					Bottom	6.3	0.3	323	22.7	22.7	7.9	7.9	28.3	28.3	91.3	91.4	6.8	6.8	16.1		30		77				<0.2		2.3	
						6.3	0.3	347	22.7		7.9		28.3		91.4		6.8		15.9		33		76				<0.2		2.4	
IM10	Fine	Moderate	08:53	7.6	Surface	1.0	0.6	308	22.7	22.7	7.9	7.9	28.3	28.3	91.2	91.2	6.8	6.8	11.9	14.1	22	21	73	75	822235	809826	<0.2	<0.2	2.1	2.2
						1.0	0.7	326	22.7		7.9		28.3		91.2		6.8		11.9		22		73				<0.2		2.4	
					Middle	3.8	0.5	314	22.7	22.7	7.9	7.9	28.5	28.5	90.4	90.4	6.7		14.2		20		75				<0.2		2.2	
						3.8	0.5	338	22.7		7.9		28.5		90.4		6.7		14.2		23		75				<0.2		2.2	
					Bottom	6.6	0.4	309	22.7	22.7	7.9	7.9	28.5	28.5	91.1	91.2	6.8	6.8	15.9		18		76				<0.2		2.2	
						6.6	0.4	312	22.7		7.9		28.5		91.2		6.8		16.4		18		77				<0.2		2.1	
IM11	Fine	Moderate	08:39	8.0	Surface	1.0	0.6	293	22.6	22.6	7.9	7.9	28.1	28.1	91.3	91.3	6.8	6.8	10.5	14.2	8	11	73	75	821472	810535	<0.2	<0.2	2.2	2.2
						1.0	0.6	294	22.6		7.9		28.1		91.3		6.8		11.1		7		73				<0.2		2.2	
					Middle	4.0	0.4	291	22.6	22.6	8.0	8.0	28.2	28.2	90.8	90.8	6.8		13.4		12		75				<0.2		2.1	
						4.0	0.5	301	22.6		8.0		28.2		90.8		6.8		13.2		12		75				<0.2		2.2	
					Bottom	7.0	0.4	304	22.6	22.6	8.0	8.0	28.1	28.1	90.7	90.7	6.7	6.7	18.4		12		76				<0.2		2.0	
						7.0	0.5	318	22.6		8.0		28.2		90.7		6.7		18.6		12		77				<0.2		2.2	
IM12	Fine	Moderate	08:32	8.6	Surface	1.0	0.8	278	22.8	22.8	7.9	7.9	28.2	28.2	91.2	91.3	6.8	6.7	7.5	11.2	9	9	73	75	821134	811497	<0.2	<0.2	2.2	2.2
						1.0	0.8	284	22.8		7.9		28.2		91.3		6.8		7.4		9		73				<0.2		2.2	
					Middle	4.3	0.7	278	22.7	22.7	7.9	7.9	29.0	29.0	89.0	89.0	6.6		10.2		10		75				<0.2		2.3	
						4.3	0.8	280	22.7		7.9		29.0		89.0		6.6		10.6		9		75				<0.2		2.2	
					Bottom	7.6	0.6	278	22.7	22.7	7.9	7.9	29.4	29.4	89.2	89.2	6.6	6.6	15.7		8		77				<0.2		2.3	
						7.6	0.7	298	22.7		7.9		29.4		89.2		6.6		15.7		9		77				<0.2		2.2	
SR2	Fine	Moderate	08:03	4.4	Surface	1.0	0.3	71	22.6	22.6	7.9	7.9	28.1	28.1	91.5	91.5	6.8	6.8	11.2	12.4	15	15	73	74	821454	814154	<0.2	<0.2	2.2	2.2
						1.0	0.3	77	22.6		7.9		28.1		91.5		6.8		11.3		15		73				<0.2		2.3	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.4	0.3	62	22.5	22.5	7.9	7.9	28.2	28.2	91.8	91.8	6.8	6.8	13.2		15		75				<0.2		2.1	
						3.4	0.3	63	22.5		7.9		28.2		91.8		6.8		13.8		15		75				<0.2		2.2	
SR3	Fine	Moderate	09:17	8.8	Surface	1.0	0.4	-	22.9	22.9	7.8	7.8	26.0	26.0	86.7	86.7	6.5	6.5	5.0	9.7	8	8	-	-	822136	807547	-	-	-	-
						1.0	0.4	-	22.9		7.8		26.0		86.7		6.5		5.0		6		-				-		-	
					Middle	4.4	0.5	20	22.7	22.7	7.9	7.9	26.2	26.2	85.4	85.4	6.4		8.9		8		-				-		-	
						4.4	0.6	20	22.7		7.9		26.2		85.4		6.4		8.7		8		-				-		-	
					Bottom	7.8	0.4	15	22.7	22.7	8.0	8.0	26.4	26.4	85.7	85.7	6.4	6.4	15.4		8		-				-		-	
						7.8	0.4	16	22.7		8.0		26.4		85.7		6.4		15.2		8		-				-		-	
SR4A	Fine	Calm	08:34	8.9	Surface	1.0	0.3	237	22.7	22.7	8.0	8.0	28.2	28.2	87.0	87.0	6.4	6.4	9.9	10.8	15	15	-	-	817173	807835	-	-	-	-
						1.0	0.3	248	22.7		8.0		28.2		87.0		6.4		9.9		15		-				-		-	
					Middle	4.5	0.2	234	22.7	22.7	8.0	8.0	28.2	28.2	86.5	86.5	6.3		11.0		16		-				-		-	
						4.5	0.2	248	22.7		8.0		28.2		86.5		6.3		11.0		15		-				-		-	
					Bottom	7.9	0.2	239	22.7	22.7	8.0	8.0	28.2	28.2	86.8	86.9	6.4	6.4	11.5		15		-				-		-	
						7.9	0.2	241	22.7		8.0		28.2		87.0		6.4		11.4		15		-				-		-	
SR5A	Fine	Calm	08:18	5.1	Surface	1.0	0.4	283	22.8	22.8	8.0	8.0	27.8	27.8	85.4	85.4	6.3	6.3	9.4	11.1	11	12	-	-	816611	810690	-	-	-	-
						1.0	0.4	302	22.8		8.0		27.8		85.4		6.3		9.4		12		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.1	0.3	290	22.8	22.8	8.0	8.0	27.8	27.8	85.6	85.7	6.3	6.3	12.6		12		-				-		-	
						4.1	0.4	290	22.8		8.0		27.8		85.7		6.3		12.8		13		-				-		-	
SR6	Fine	Calm	07:56	4.2	Surface	1.0	0.3	269	22.6	22.6	7.9	7.9	27.3	27.3	86.1	86.1	6.4	6.4	13.1	13.4	15	15	-	-	817897	814673	-	-	-	-
						1.0	0.3	284	22.6		7.9		27.3		86.1		6.4		13.1		15		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.3	270	22.6	22.6	7.9	7.9	27.3	27.3	86.2	86.2	6.4	6.4	13.8		15		-				-		-	
						3.2	0.3	288	22.6		7.9		27.3		86.2		6.4		13.8		16		-				-		-	
SR7	Foggy	Moderate	07:13	18.5	Surface	1.0	0.2	215	22.6	22.6	8.0	8.0	28.5	28.5	91.1	91.2	6.8	6.8	5.2	5.3	5	6	-	-	823618	823770	-	-	-	-
						1.0	0.2	217	22.6		8.0		28.5		91.2		6.8		5.2		5		-				-		-	
					Middle	9.3	0.3	189	22.5	22.5	7.9	7.9	27.3	27.3	92.0	92.0	6.8		5.5		6		-				-		-	
						9.3	0.3	202	22.5		7.9		27.3		92.0		6.8		5.5		6		-				-		-	
					Bottom	17.5	0.0	99	22.2	22.2	7.9	7.9	28.4	28.4	90.7	90.7	6.7	6.7	5.0		6		-				-		-	
						17.5	0.0	99	22.2		7.9		28.4		90.7		6.7		5.1		5		-				-		-	
SR8	Fine	Moderate	08:26	4.1	Surface	1.0	-	-	22.7	22.7	7.9	7.9	28.1	28.1	90.6	90.6	6.7	6.7	6.2	7.6	6	6	-	-	820246	811418	-	-	-	-
						1.0	-	-	22.7		7.9		28.1		90.5		6.7		6.1		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	-	-	22.7	22.7	7.9	7.9	28.1	28.1	90.6	90.6	6.8	6.8	9.1		6		-				-		-	
						3.1	-	-	22.7		7.9		28.1		90.6		6.8		9.1		6		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 05 April 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
C1	Cloudy	Moderate	15:20	8.6	Surface	1.0	0.3	201	23.2	23.2	8.1	8.1	30.3	30.3	97.2	97.2	7.0	7.0	9.2	14.4	5	7	73	75	815619	804262	<0.2	<0.2	0.8	0.8
						1.0	0.3	207	23.2		8.1		30.3		97.2		7.0		9.2		6		73				<0.2		0.9	
					Middle	4.3	0.4	202	22.8	22.8	8.1	8.1	31.0	31.0	95.5	95.5	6.9		12.0		5		75				<0.2		0.7	
						4.3	0.4	213	22.8		8.1		31.0		95.5		6.9		12.0		6		75				<0.2		0.7	
					Bottom	7.6	0.3	203	22.5	22.5	8.1	8.1	31.5	31.5	93.7	93.7	6.8	6.8	22.0		8		77				<0.2		0.7	
						7.6	0.3	214	22.5		8.1		31.5		93.7		6.8		22.0		9		77				<0.2		0.7	
C2	Sunny	Moderate	14:19	12.2	Surface	1.0	0.5	175	24.0	24.0	7.9	7.9	25.0	25.0	85.5	85.5	6.2	6.1	14.1	15.5	6	7	73	75	825662	806964	<0.2	<0.2	2.0	2.0
						1.0	0.5	175	24.0		7.9		25.1		85.4		6.2		14.2		6		73				<0.2		1.9	
					Middle	6.1	0.5	176	23.1	23.1	8.0	8.0	27.7	27.7	81.9	81.9	6.0		14.8		9		75				<0.2		1.9	
						6.1	0.5	192	23.1		8.0		27.7		81.9		6.0		14.9		8		75				<0.2		2.0	
					Bottom	11.2	0.2	149	22.8	22.8	8.0	8.0	29.5	29.5	82.1	82.2	6.0	6.0	17.5		7		76				<0.2		2.1	
						11.2	0.3	160	22.8		8.0		29.5		82.2		6.0		17.5		7		77				<0.2		1.9	
C3	Sunny	Moderate	16:08	11.8	Surface	1.0	0.4	78	23.5	23.5	8.0	8.0	28.1	28.1	86.6	86.6	6.3	6.2	11.2	11.2	9	9	73	75	822106	817830	<0.2	<0.2	3.2	3.5
						1.0	0.4	79	23.5		8.0		28.1		86.5		6.3		11.3		9		73				<0.2		3.6	
					Middle	5.9	0.3	83	23.2	23.2	8.0	8.0	28.9	28.9	84.5	84.5	6.1		11.0		8		75				<0.2		3.6	
						5.9	0.3	84	23.2		8.0		28.9		84.5		6.1		10.8		8		75				<0.2		3.6	
					Bottom	10.8	0.3	55	23.0	23.0	8.0	8.0	29.2	29.2	84.5	84.5	6.1	6.1	11.6		9		77				<0.2		3.4	
						10.8	0.3	56	23.0		8.0		29.2		84.5		6.1		11.5		10		77				<0.2		3.8	
IM1	Cloudy	Moderate	15:02	7.6	Surface	1.0	0.3	193	23.8	23.8	8.1	8.1	28.5	28.5	93.2	93.2	6.7	6.7	10.5	12.9	8	9	73	75	818358	806452	<0.2	<0.2	1.8	1.3
						1.0	0.3	194	23.8		8.1		28.5		93.2		6.7		10.5		7		74				<0.2		1.7	
					Middle	3.8	0.3	187	22.8	22.8	8.0	8.0	30.6	30.6	92.8	92.8	6.7		13.4		7		75				<0.2		1.5	
						3.8	0.3	202	22.8		8.0		30.6		92.8		6.7		13.4		8		75				<0.2		1.4	
					Bottom	6.6	0.2	190	22.8	22.8	8.0	8.0	30.7	30.7	92.3	92.3	6.7	6.7	14.9		13		76				<0.2		0.8	
						6.6	0.3	208	22.8		8.0		30.7		92.3		6.7		14.9		12		76				<0.2		0.8	
IM2	Cloudy	Moderate	14:57	8.4	Surface	1.0	0.3	199	24.0	24.0	8.0	8.0	28.2	28.2	96.3	96.3	6.9	6.9	8.6	9.9	5	6	73	75	818824	806196	<0.2	<0.2	1.6	1.4
						1.0	0.3	201	24.0		8.0		28.2		96.3		6.9		8.6		5		73				<0.2		1.6	
					Middle	4.2	0.2	199	22.9	22.9	8.0	8.0	30.4	30.4	93.7	93.7	6.8		10.1		6		73				<0.2		1.7	
						4.2	0.2	201	22.9		8.0		30.4		93.7		6.8		10.1		8		74				<0.2		1.6	
					Bottom	7.4	0.2	173	22.8	22.8	8.0	8.0	30.9	30.9	92.8	92.8	6.7	6.7	10.9		6		77				<0.2		0.9	
						7.4	0.2	184	22.8		8.0		30.9		92.8		6.7		10.9		8		77				<0.2		0.9	
IM3	Cloudy	Moderate	14:50	8.7	Surface	1.0	0.1	201	24.2	24.2	8.0	8.0	28.4	28.4	97.7	97.7	7.0	6.9	7.9	10.4	3	6	73	74	819440	805992	<0.2	<0.2	1.5	1.4
						1.0	0.2	209	24.2		8.0		28.4		97.7		7.0		7.9		5		73				<0.2		1.4	
					Middle	4.4	0.3	224	23.4	23.4	8.0	8.0	29.7	29.7	94.8	94.8	6.8		11.3		5		74				<0.2		1.5	
						4.4	0.3	244	23.4		8.0		29.7		94.8		6.8		11.3		6		74				<0.2		1.4	
					Bottom	7.7	0.3	190	23.1	23.1	8.1	8.1	30.4	30.4	93.6	93.6	6.7	6.7	11.9		8		75				<0.2		1.4	
						7.7	0.3	204	23.1		8.1		30.4		93.6		6.7		11.9		7		75				<0.2		1.3	
IM4	Cloudy	Moderate	14:43	8.0	Surface	1.0	0.4	200	23.2	23.2	8.0	8.0	30.3	30.3	94.6	94.6	6.8	6.8	9.8	11.0	3	7	73	74	819562	805044	<0.2	<0.2	1.3	1.0
						1.0	0.4	205	23.2		8.0		30.3		94.6		6.8		9.8		4		73				<0.2		1.3	
					Middle	4.0	0.3	194	22.8	22.8	8.0	8.0	30.8	30.8	93.1	93.1	6.7		11.6		7		74				<0.2		0.9	
						4.0	0.3	196	22.8		8.0		30.8		93.1		6.7		11.6		9		74				<0.2		0.8	
					Bottom	7.0	0.2	187	22.7	22.7	8.0	8.0	31.0	31.0	92.7	92.7	6.7	6.7	11.5		7		75				<0.2		0.9	
						7.0	0.2	198	22.7		8.0		31.0		92.7		6.7		11.5		9		75				<0.2		0.8	
IM5	Cloudy	Moderate	14:33	7.4	Surface	1.0	0.3	178	24.1	24.1	8.0	8.0	26.9	26.9	95.7	95.7	6.9	6.8	9.7	14.7	7	7	73	74	820546	804899	<0.2	<0.2	2.0	1.5
						1.0	0.3	185	24.1		8.0		26.9		95.7		6.9		9.7		6		73				<0.2		1.9	
					Middle	3.7	0.3	176	23.1	23.1	8.0	8.0	29.2	29.2	92.3	92.3	6.7		13.3		6		74				<0.2		1.4	
						3.7	0.4	188	23.1		8.0		29.2		92.3		6.7		13.3		6		74				<0.2		1.3	
					Bottom	6.4	0.3	199	22.7	22.7	8.0	8.0	30.7	30.7	91.4	91.4	6.6	6.6	21.2		9		75				<0.2		1.3	
						6.4	0.3	202	22.7		8.0		30.7		91.4		6.6		21.2		9		75				<0.2		1.1	
IM6	Sunny	Moderate	14:25	7.5	Surface	1.0	0.2	147	23.4	23.4	8.0	8.0	28.9	28.9	92.0	92.0	6.6	6.6	13.9	16.6	5	6	72	73	821077	805803	<0.2	<0.2	2.0	1.6
						1.0	0.2	154	23.4		8.0		28.9		92.0		6.6		13.9		4		72				<0.2		1.9	
					Middle	3.8	0.2	155	22.9	22.9	8.0	8.0	29.7	29.7	90.7	90.7	6.6		17.2		4		74				<0.2		1.4	
						3.8	0.3	162	22.9		8.0		29.7		90.7		6.6		17.2		5		73				<0.2		1.3	
					Bottom	6.5	0.3	133	22.8	22.8	8.0	8.0	30.4	30.4	91.2	91.2	6.6	6.6	18.7		9		74				<0.2		1.4	
						6.5	0.3	143	22.8		8.0		30.4		91.2		6.6		18.7		10		73				<0.2		1.4	
IM7	Sunny	Moderate	14:17	8.7	Surface	1.0	0.3	145	24.1	24.1	8.0	8.0	27.1	27.1	96.0	96.0	6.9	6.8	9.6	12.7	8	9	72	73	821353	806828	<0.2	<0.2	2.1	1.7
						1.0	0.3	157	24.1		8.0		27.1		96.0		6.9		9.6		9		72				<0.2		2.1	
					Middle	4.4	0.1	101	23.2	23.2	8.0	8.0	29.2	29.2	93.2	93.2	6.7		12.6		7		73				<0.2		1.6	
						4.4	0.1	108	23.2		8.0		29.2		93.2		6.7		12.6		7		73				<0.2		1.7	
					Bottom	7.7	0.2	87	23.0	23.0	8.0	8.0	29.5	29.5	92.6	92.6	6.7	6.7	15.8		13		75				<0.2		1.1	
						7.7	0.2	94	23.0		8.0		29.5		92.6		6.7		15.8		11		75				<0.2		1.3	
IM8	Sunny	Moderate	14:43	8.4	Surface	1.0	0.2	155	23.6	23.6	8.0	8.0	26.5	26.5	88.6	88.6	6.5	6.6	12.7	14.0	6	7	73	75	821709	807853	<0.2	<0.2	2.6	2.8
						1.0	0.2	170	23.6		8.0		26.5		88.6		6.5		12.9		7		73				<0.2		2.6	
					Middle	4.2	0.1	65	23.5	23.5	8.0	8.0	27.9	27.9	91.8	91.8	6.6		13.7		8		75				<0.2		2.7	
						4.2	0.1	71	23.5		8.0		27.9		91.8		6.6		13.9		7		75				<0.2		2.9	
					Bottom	7.4	0.1	56	23.1	23.1	8.1	8.1	29.4	29.4	90.8	90.8	6.6	6.6	15.7		7		77				<0.2		2.8	
						7.4	0.2	58	23.1		8.1		29.4		90.8		6.6		15.3		9		77				<0.2		3.0	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 05 April 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
IM9	Sunny	Moderate	14:52	7.4	Surface	1.0	0.4	136	23.3	23.3	8.0	8.0	27.8	27.8	88.2	88.3	6.4	6.5	17.4	18.0	8	9	73	75	822108	808792	<0.2	<0.2	2.6	2.5
						1.0	0.4	147	23.3		8.0		27.8		88.3		6.4		17.3		10		73				<0.2		2.4	
					Middle	3.7	0.3	125	23.3	23.3	8.0	8.0	28.2	28.2	89.1	89.1	6.5		17.8		9		75				<0.2		2.4	
						3.7	0.3	127	23.3		8.0		28.2		89.1		6.5		18.1		8		75				<0.2		2.5	
					Bottom	6.4	0.2	71	23.2	23.2	8.1	8.1	28.8	28.8	89.5	89.5	6.5	6.5	18.8		9		77				<0.2		2.4	
						6.4	0.2	71	23.2		8.1		28.8		89.5		6.5		18.6		10		77				<0.2		2.5	
IM10	Sunny	Moderate	15:01	8.3	Surface	1.0	0.6	128	23.9	23.9	7.9	7.9	25.9	25.9	87.2	87.2	6.4	6.4	11.5	14.0	6	6	73	75	822235	809813	<0.2	<0.2	2.4	2.5
						1.0	0.7	132	23.9		7.9		25.9		87.2		6.4		11.2		7		73				<0.2		2.4	
					Middle	4.2	0.5	112	23.3	23.3	8.0	8.0	27.3	27.3	86.3	86.3	6.3		13.7		7		75				<0.2		2.6	
						4.2	0.5	119	23.3		8.0		27.3		86.3		6.3		13.9		5		75				<0.2		2.4	
					Bottom	7.3	0.4	91	23.2	23.2	8.0	8.0	28.7	28.7	87.8	87.8	6.4	6.4	16.8		7		77				<0.2		2.3	
						7.3	0.4	91	23.2		8.0		28.7		87.8		6.4		16.8		6		77				<0.2		2.6	
IM11	Sunny	Moderate	15:12	8.2	Surface	1.0	0.5	115	23.6	23.6	8.0	8.0	26.5	26.5	88.7	88.7	6.5	6.5	12.3	14.6	7	7	73	75	821525	810524	<0.2	<0.2	2.6	2.6
						1.0	0.5	119	23.6		8.0		26.5		88.7		6.5		12.3		6		73				<0.2		2.5	
					Middle	4.1	0.4	103	23.5	23.5	8.0	8.0	27.5	27.5	89.8	89.8	6.5		14.4		5		75				<0.2		2.7	
						4.1	0.4	104	23.5		8.0		27.5		89.8		6.5		14.5		6		75				<0.2		2.5	
					Bottom	7.2	0.3	65	23.5	23.5	8.1	8.1	28.6	28.6	89.9	89.9	6.5	6.5	17.1		7		77				<0.2		2.6	
						7.2	0.3	67	23.5		8.1		28.6		89.9		6.5		17.0		8		77				<0.2		2.6	
IM12	Sunny	Moderate	15:20	9.0	Surface	1.0	0.4	113	23.8	23.8	8.1	8.1	26.9	26.9	91.2	91.2	6.6	6.6	12.9	14.2	12	11	73	75	821133	811539	<0.2	<0.2	2.8	2.8
						1.0	0.4	113	23.8		8.1		26.9		91.2		6.6		12.9		12		73				<0.2		2.8	
					Middle	4.5	0.4	103	23.7	23.7	8.1	8.1	27.3	27.3	90.5	90.5	6.6		14.0		12		75				<0.2		2.7	
						4.5	0.4	107	23.7		8.1		27.3		90.5		6.6		14.2		10		75				<0.2		2.7	
					Bottom	8.0	0.3	85	23.5	23.5	8.1	8.1	28.1	28.1	89.3	89.3	6.5	6.5	15.4		11		77				<0.2		2.8	
						8.0	0.3	88	23.5		8.1		28.1		89.3		6.5		15.5		11		77				<0.2		2.7	
SR2	Cloudy	Moderate	15:46	3.7	Surface	1.0	0.4	85	23.7	23.7	8.1	8.1	26.9	26.9	87.9	87.9	6.4	6.4	12.2	13.7	8	9	73	74	821467	814167	<0.2	<0.2	2.1	2.1
						1.0	0.4	86	23.7		8.1		26.9		87.9		6.4		12.2		8		73				<0.2		2.1	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	0.3	82	23.3	23.3	8.0	8.0	27.9	27.9	85.8	85.9	6.2	6.2	15.5		9		75				<0.2		2.0	
						2.7	0.3	84	23.3		8.1		27.9		85.9		6.2		15.0		10		75				<0.2		2.3	
SR3	Sunny	Moderate	14:37	9.1	Surface	1.0	0.3	174	24.2	24.1	8.0	8.0	25.9	25.9	89.9	89.9	6.5	6.5	12.4	15.9	5	7	-	-	822131	807574	-	-	-	-
						1.0	0.3	185	24.1		8.0		25.9		89.9		6.5		12.4		6		-				-		-	
					Middle	4.6	0.1	132	23.3	23.3	8.0	8.0	28.0	28.0	89.7	89.7	6.5		17.2		8		-				-		-	
						4.6	0.2	143	23.3		8.0		28.0		89.7		6.5		17.3		9		-				-		-	
					Bottom	8.1	0.2	70	23.0	23.0	8.1	8.1	29.4	29.4	89.8	89.8	6.5	6.5	18.0		7		-				-		-	
						8.1	0.2	72	23.0		8.1		29.4		89.8		6.5		18.0		8		-				-		-	
SR4A	Cloudy	Calm	15:39	8.2	Surface	1.0	0.4	40	23.4	23.4	8.0	8.0	29.6	29.6	92.6	92.6	6.7	6.7	14.6	15.8	11	13	-	-	817206	807782	-	-	-	-
						1.0	0.5	40	23.4		8.0		29.6		92.6		6.7		14.6		10		-				-		-	
					Middle	4.1	0.3	42	23.1	23.1	8.0	8.0	29.9	29.9	91.8	91.8	6.6		16.7		11		-				-		-	
						4.1	0.4	45	23.1		8.0		29.9		91.8		6.6		16.7		13		-				-		-	
					Bottom	7.2	0.3	46	23.1	23.1	8.0	8.0	30.1	30.1	91.7	91.7	6.6	6.6	16.2		17		-				-		-	
						7.2	0.3	47	23.1		8.0		30.1		91.7		6.6		16.2		16		-				-		-	
SR5A	Cloudy	Calm	15:55	3.7	Surface	1.0	0.1	309	24.2	24.2	7.9	7.9	28.5	28.5	87.1	87.1	6.2	6.2	14.6	15.6	10	11	-	-	816576	810669	-	-	-	-
						1.0	0.1	324	24.2		7.9		28.5		87.1		6.2		14.6		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	0.0	57	23.8	23.8	7.9	7.9	28.5	28.5	86.5	86.5	6.2	6.2	16.5		12		-				-		-	
						2.7	0.0	62	23.8		7.9		28.5		86.5		6.2		16.5		11		-				-		-	
SR6	Cloudy	Calm	16:17	3.3	Surface	1.0	0.1	53	24.0	24.0	7.9	7.9	27.6	27.6	87.9	87.9	6.3	6.3	13.6	13.8	12	12	-	-	817880	814678	-	-	-	-
						1.0	0.1	56	24.0		7.9		27.6		87.9		6.3		13.6		12		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.3	0.1	63	23.8	23.8	7.9	7.9	27.9	27.9	88.8	88.8	6.4	6.4	14.0		12		-				-		-	
						2.3	0.2	66	23.8		7.9		27.9		88.8		6.4		14.0		13		-				-		-	
SR7	Sunny	Moderate	16:37	19.2	Surface	1.0	0.5	92	23.8	23.8	8.0	8.0	28.0	28.0	89.0	89.0	6.4	6.3	8.3	8.9	7	8	-	-	823630	823716	-	-	-	-
						1.0	0.6	92	23.8		8.0		28.0		89.0		6.4		8.3		7		-				-		-	
					Middle	9.6	0.2	68	23.0	23.0	8.0	8.0	29.9	29.9	85.6	85.6	6.2		8.2		6		-				-		-	
						9.6	0.2	70	23.0		8.0		29.9		85.6		6.2		8.4		6		-				-		-	
					Bottom	18.2	0.3	-	22.9	22.9	8.0	8.0	30.1	30.1	85.4	85.4	6.2	6.2	10.0		10		-				-		-	
						18.2	0.3	-	22.9		8.0		30.1		85.4		6.2		10.0		10		-				-		-	
SR8	Cloudy	Moderate	15:34	3.9	Surface	1.0	-	-	23.7	23.7	8.1	8.1	26.8	26.8	91.4	91.4	6.6	6.6	12.3	11.6	8	8	-	-	820246	811418	-	-	-	-
						1.0	-	-	23.7		8.1		26.8		91.4		6.6		12.3		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	23.7	23.7	8.1	8.1	26.7	26.7	90.9	90.9	6.6	6.6	11.0		8		-				-		-	
						2.9	-	-	23.7		8.1		26.7		90.9		6.6		10.8		8		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 05 April 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
C1	Cloudy	Moderate	09:38	8.7	Surface	1.0	0.5	17	23.2	23.2	8.0	8.0	28.6	28.6	92.8	92.8	6.7	6.7	10.3	17.9	3	4	73	75	815603	804222	<0.2	<0.2	1.8	1.4
						1.0	0.6	18	23.2		8.0		28.6		92.8		6.7		10.3		5		73				<0.2		1.7	
					Middle	4.4	0.5	21	22.5	22.5	8.0	8.0	31.2	31.2	91.8	91.8	6.6		20.2		3		75				<0.2		1.4	
						4.4	0.6	21	22.5		8.0		31.2		91.8		6.6		20.2		3		75				<0.2		1.3	
					Bottom	7.7	0.5	18	22.4	22.4	8.0	8.0	31.5	31.5	91.2	91.2	6.6	6.6	23.3		4		77				<0.2		1.2	
						7.7	0.6	18	22.4		8.0		31.5		91.2		6.6		23.3		4		76				<0.2		1.2	
C2	Sunny	Moderate	10:29	12.3	Surface	1.0	0.5	356	23.7	23.7	7.9	7.9	23.4	23.4	84.8	84.8	6.3	6.2	10.2	13.0	5	6	73	75	825669	806917	<0.2	<0.2	2.8	2.9
						1.0	0.5	328	23.7		7.9		23.4		84.8		6.3		10.1		6		74				<0.2		2.9	
					Middle	6.2	0.6	345	23.4	23.4	7.9	7.9	26.3	26.3	82.9	82.9	6.1		12.9		6		75				<0.2		2.9	
						6.2	0.7	351	23.4		7.9		26.3		82.9		6.1		13.2		5		75				<0.2		3.1	
					Bottom	11.3	0.5	351	22.9	22.9	8.0	8.0	28.2	28.2	80.6	80.6	5.9	5.9	15.8		7		77				<0.2		3.0	
						11.3	0.5	358	22.9		8.0		28.2		80.6		5.9		15.7		5		77				<0.2		2.8	
C3	Sunny	Moderate	08:38	11.5	Surface	1.0	0.5	269	23.3	23.3	8.0	8.0	27.1	27.1	84.9	84.9	6.2	6.2	8.7	10.7	5	6	73	75	822132	817805	<0.2	<0.2	1.5	1.6
						1.0	0.5	270	23.3		8.0		27.1		84.9		6.2		8.9		6		73				<0.2		1.6	
					Middle	5.8	0.5	272	23.2	23.2	8.0	8.0	27.5	27.5	83.9	83.9	6.1		10.5		6		75				<0.2		1.6	
						5.8	0.5	286	23.2		8.0		27.5		83.9		6.1		10.8		6		75				<0.2		1.8	
					Bottom	10.5	0.5	277	22.5	22.5	8.0	8.0	30.3	30.3	83.5	83.6	6.1	6.1	12.7		6		77				<0.2		1.6	
						10.5	0.5	292	22.5		8.0		30.3		83.6		6.1		12.4		8		77				<0.2		1.7	
IM1	Cloudy	Moderate	09:55	7.3	Surface	1.0	0.5	29	23.3	23.3	8.0	8.0	28.0	28.0	90.6	90.6	6.6	6.6	14.7	18.7	5	5	73	74	818379	806478	<0.2	<0.2	1.8	1.6
						1.0	0.5	29	23.3		8.0		28.0		90.6		6.6		14.7		4		72				<0.2		1.9	
					Middle	3.7	0.4	34	23.1	23.1	8.0	8.0	29.5	29.5	90.2	90.2	6.5		20.1		6		75				<0.2		1.5	
						3.7	0.5	34	23.1		8.0		29.5		90.2		6.5		20.1		6		74				<0.2		1.5	
					Bottom	6.3	0.4	40	23.1	23.1	8.0	8.0	29.8	29.8	89.9	89.9	6.5	6.5	21.2		5		75				<0.2		1.5	
						6.3	0.4	41	23.1		8.0		29.8		89.9		6.5		21.2		6		75				<0.2		1.4	
IM2	Cloudy	Moderate	10:00	8.2	Surface	1.0	0.6	357	23.3	23.3	8.0	8.0	28.0	28.0	90.3	90.3	6.6	6.6	10.9	17.4	6	6	73	74	818869	806172	<0.2	<0.2	2.0	2.0
						1.0	0.7	328	23.3		8.0		28.0		90.3		6.6		10.9		4		73				<0.2		2.0	
					Middle	4.1	0.6	4	23.2	23.2	8.0	8.0	28.8	28.8	90.3	90.3	6.5		20.9		7		73				<0.2		1.8	
						4.1	0.6	4	23.2		8.0		28.8		90.3		6.5		20.9		6		74				<0.2		2.0	
					Bottom	7.2	0.4	4	22.9	22.9	8.0	8.0	30.2	30.2	89.8	89.8	6.5	6.5	20.5		5		75				<0.2		2.1	
						7.2	0.4	4	22.9		8.0		30.2		89.8		6.5		20.5		7		75				<0.2		2.2	
IM3	Cloudy	Moderate	10:05	8.5	Surface	1.0	0.2	22	23.3	23.3	8.0	8.0	28.1	28.1	90.1	90.1	6.5	6.5	12.2	16.0	5	5	73	75	819398	806035	<0.2	<0.2	2.1	1.8
						1.0	0.3	22	23.3		8.0		28.1		90.1		6.5		12.2		4		73				<0.2		2.1	
					Middle	4.3	0.2	24	23.2	23.2	8.0	8.0	28.4	28.4	90.1	90.1	6.5		17.6		5		75				<0.2		1.7	
						4.3	0.3	24	23.2		8.0		28.4		90.1		6.5		17.6		4		75				<0.2		1.7	
					Bottom	7.5	0.2	20	23.0	23.0	8.0	8.0	29.9	29.9	89.7	89.7	6.5	6.5	18.2		6		75				<0.2		1.7	
						7.5	0.2	21	23.0		8.0		29.9		89.7		6.5		18.2		4		76				<0.2		1.7	
IM4	Cloudy	Moderate	10:12	8.2	Surface	1.0	0.5	29	23.5	23.5	8.0	8.0	26.5	26.5	89.3	89.3	6.5	6.5	11.0	16.6	4	5	73	75	819566	805030	<0.2	<0.2	2.5	2.3
						1.0	0.5	31	23.5		8.0		26.5		89.3		6.5		11.0		5		73				<0.2		2.6	
					Middle	4.1	0.6	39	23.2	23.2	8.0	8.0	27.5	27.5	89.5	89.5	6.5		19.0		5		75				<0.2		2.4	
						4.1	0.6	40	23.2		8.0		27.5		89.5		6.5		19.0		6		75				<0.2		2.4	
					Bottom	7.2	0.5	40	22.8	22.8	8.0	8.0	30.2	30.2	89.1	89.1	6.4	6.4	19.8		4		77				<0.2		1.9	
						7.2	0.5	43	22.8		8.0		30.2		89.1		6.4		19.8		5		77				<0.2		2.1	
IM5	Cloudy	Moderate	10:21	7.6	Surface	1.0	0.7	41	23.3	23.3	8.0	8.0	27.3	27.3	89.6	89.6	6.5	6.5	17.8	21.5	8	8	72	74	820547	804942	<0.2	<0.2	2.2	2.1
						1.0	0.7	43	23.3		8.0		27.3		89.6		6.5		17.8		8		73				<0.2		2.2	
					Middle	3.8	0.7	36	23.2	23.2	8.0	8.0	27.6	27.6	89.6	89.6	6.5		22.3		8		74				<0.2		2.1	
						3.8	0.7	38	23.2		8.0		27.6		89.6		6.5		22.3		7		74				<0.2		2.0	
					Bottom	6.6	0.6	31	23.2	23.2	8.0	8.0	29.4	29.4	90.6	90.6	6.5	6.5	24.5		10		75				<0.2		2.0	
						6.6	0.6	31	23.2		8.0		29.4		90.6		6.5		24.5		8		75				<0.2		1.8	
IM6	Cloudy	Moderate	10:28	7.2	Surface	1.0	0.4	23	23.3	23.3	8.0	8.0	27.9	27.9	89.0	89.0	6.5	6.5	17.1	18.3	10	12	72	74	821073	805834	<0.2	<0.2	2.1	1.8
						1.0	0.4	23	23.3		8.0		27.9		89.0		6.5		17.1		9		72				<0.2		1.8	
					Middle	3.6	0.5	-	23.2	23.2	8.0	8.0	28.4	28.4	89.0	89.0	6.5		18.6		13		73				<0.2		1.6	
						3.6	0.5	-	23.2		8.0		28.4		89.0		6.5		18.6		13		74				<0.2		1.6	
					Bottom	6.2	0.4	356	23.2	23.2	8.0	8.0	28.7	28.7	89.3	89.3	6.5	6.5	19.2		13		76				<0.2		1.7	
						6.2	0.4	328	23.2		8.0		28.7		89.3		6.5		19.2		13		76				<0.2		1.8	
IM7	Cloudy	Moderate	10:35	8.4	Surface	1.0	0.3	23	23.4	23.4	8.0	8.0	27.2	27.2	88.9	88.9	6.5	6.5	18.8	21.0	3	10	71	73	821357	806859	<0.2	<0.2	2.8	2.4
						1.0	0.3	23	23.4		8.0		27.2		88.9		6.5		18.8		5		72				<0.2		2.9	
					Middle	4.2	0.4	18	23.3	23.3	8.0	8.0	28.3	28.3	88.6	88.6	6.4		20.7		12		73				<0.2		2.4	
						4.2	0.5	19	23.4		8.0		28.3		88.6		6.4		20.7		11		73				<0.2		2.3	
					Bottom	7.4	0.4	16	23.2	23.2	8.0	8.0	28.6	28.6	88.7	88.7	6.4	6.4	23.6		13		75				<0.2		1.9	
						7.4	0.4	16	23.2		8.0		28.6		88.7		6.4		23.6		14		74				<0.2		2.1	
IM8	Sunny	Moderate	10:04	8.4	Surface	1.0	0.2	67	23.5	23.5	8.0	8.0	25.1	25.1	85.9	85.9	6.3	6.3	12.9	15.8	8	7	73	75	821691	807827	<0.2	<0.2	2.8	2.8
						1.0	0.2	68	23.5		8.0		25.1		85.9		6.3		13.2		6		74				<0.2		2.9	
					Middle	4.2	0.3	39	23.4	23.4	8.0	8.0	25.7	25.7	85.5	85.5	6.3		16.6		6		75				<0.2		2.8	
						4.2	0.4	40	23.4		8.0		25.7		85.5		6.3		16.9		6		75				<0.2		2.8	
					Bottom	7.4	0.3	39	23.3	23.3	8.1	8.1	26.4	26.4	85.5	85.5	6.3	6.3	17.8		7		77				<0.2		2.9	
						7.4	0.3	40	23.3		8.1		26.4		85.5		6.3		17.4		6		78				<0.2		2.6	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 05 April 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
IM9	Sunny	Moderate	09:55	7.4	Surface	1.0	0.3	304	23.4	23.4	8.0	8.0	26.1	26.1	86.2	86.2	6.3	6.3	14.6	18.0	17	17	73	76	822113	808798	<0.2	<0.2	2.4	2.4
						1.0	0.3	317	23.4		8.0		26.1		86.2		6.3		14.2			17	74				<0.2		2.4	
					Middle	3.7	0.4	314	23.4	23.4	8.0	8.0	26.1	26.1	86.1	86.1	6.3		18.8			18	75				<0.2		2.3	
						3.7	0.4	321	23.4		8.0		26.1		86.1		6.3		18.9			16	76				<0.2		2.4	
					Bottom	6.4	0.4	326	23.4	23.4	8.0	8.0	26.2	26.2	86.7	86.7	6.4	6.4	20.7			18	77				<0.2		2.5	
						6.4	0.4	352	23.4		8.0		26.2		86.7		6.4		20.7			17	78				<0.2		2.2	
IM10	Sunny	Moderate	09:47	7.0	Surface	1.0	0.6	303	23.5	23.5	8.0	8.0	25.8	25.8	85.9	85.9	6.3	6.3	13.8	15.4	7	7	73	75	822216	809836	<0.2	<0.2	2.5	2.5
						1.0	0.6	324	23.5		8.0		25.8		85.9		6.3		13.8			8	74				<0.2		2.5	
					Middle	3.5	0.5	304	23.3	23.3	8.0	8.0	26.7	26.7	85.3	85.3	6.2		15.6			7	75				<0.2		2.7	
						3.5	0.6	315	23.3		8.0		26.7		85.3		6.2		15.4			7	76				<0.2		2.5	
					Bottom	6.0	0.4	312	23.3	23.3	8.0	8.0	26.8	26.8	85.9	85.9	6.3	6.3	16.8			8	77				<0.2		2.4	
						6.0	0.4	325	23.3		8.0		26.8		85.9		6.3		16.8			7	77				<0.2		2.5	
IM11	Sunny	Moderate	09:31	7.7	Surface	1.0	0.6	288	23.4	23.4	8.0	8.0	25.8	25.8	85.7	85.7	6.3	6.3	11.1	12.6	8	7	74	76	821478	810542	<0.2	<0.2	2.4	2.5
						1.0	0.6	292	23.4		8.0		25.8		85.6		6.3		11.0			8	73				<0.2		2.6	
					Middle	3.9	0.4	286	23.4	23.4	8.0	8.0	26.5	26.5	85.1	85.1	6.2		12.5			7	75				<0.2		2.5	
						3.9	0.4	303	23.4		8.0		26.5		85.1		6.2		12.5			9	76				<0.2		2.6	
					Bottom	6.7	0.4	295	23.3	23.3	8.0	8.0	27.1	27.1	85.5	85.6	6.2	6.3	14.3			7	77				<0.2		2.6	
						6.7	0.4	304	23.3		8.0		27.1		85.6		6.3		14.4			7	78				<0.2		2.4	
IM12	Sunny	Moderate	09:25	8.0	Surface	1.0	0.7	279	23.5	23.5	7.9	7.9	25.3	25.4	85.8	85.8	6.3	6.2	12.4	14.1	7	7	74	76	821166	811498	<0.2	<0.2	2.1	2.1
						1.0	0.7	291	23.5		7.9		25.4		85.8		6.3		12.7			7	75				<0.2		2.0	
					Middle	4.0	0.7	277	23.2	23.2	8.0	8.0	27.4	27.4	83.9	83.9	6.1		13.5			7	75				<0.2		2.0	
						4.0	0.8	285	23.2		8.0		27.4		83.9		6.1		13.2			7	75				<0.2		2.1	
					Bottom	7.0	0.5	277	23.2	23.2	8.0	8.0	27.6	27.6	84.0	84.0	6.1	6.1	16.2			7	77				<0.2		2.1	
						7.0	0.5	277	23.2		8.0		27.7		84.0		6.1		16.5			7	77				<0.2		2.1	
SR2	Sunny	Moderate	08:58	4.6	Surface	1.0	0.2	315	23.3	23.3	8.0	8.0	27.3	27.3	83.9	84.0	6.1	6.1	13.0	15.9	7	7	74	74	821465	814165	<0.2	<0.2	2.0	2.1
						1.0	0.2	319	23.3		8.0		27.3		84.0		6.1		13.1			6	73				<0.2		2.2	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-			-	-				-		-	
						-	-	-	-		-		-		-		-		-			-	-				-		-	
					Bottom	3.6	0.2	320	23.2	23.2	8.0	8.0	27.8	27.8	85.8	85.9	6.3	6.3	18.7			8	75				<0.2		2.0	
						3.6	0.2	341	23.2		8.0		27.8		85.9		6.3		18.7			6	75				<0.2		2.1	
SR3	Sunny	Moderate	10:09	9.2	Surface	1.0	0.3	24	23.6	23.6	7.9	7.9	25.1	25.1	85.1	85.1	6.3	6.3	8.2	10.2	7	7	-	-	822127	807567	-	-	-	-
						1.0	0.4	25	23.6		7.9		25.1		85.1		6.3		8.3			6	-				-		-	
					Middle	4.6	0.3	26	23.5	23.5	7.9	7.9	25.2	25.2	84.4	84.5	6.2		9.9			9	-				-		-	
						4.6	0.3	27	23.5		7.9		25.2		84.5		6.2		10.1			8	-				-		-	
					Bottom	8.2	0.2	9	23.4	23.4	7.9	7.9	25.5	25.5	85.1	85.1	6.3	6.3	12.4			7	-				-		-	
						8.2	0.2	9	23.4		7.9		25.5		85.1		6.3		12.5			8	-				-		-	
SR4A	Fine	Calm	09:16	9.3	Surface	1.0	0.4	252	23.2	23.2	7.9	7.9	28.6	28.6	85.8	85.8	6.2	6.2	14.9	19.1	11	10	-	-	817201	807807	-	-	-	-
						1.0	0.5	269	23.2		7.9		28.6		85.8		6.2		14.9			9	-				-		-	
					Middle	4.7	0.3	252	23.2	23.2	7.9	7.9	28.6	28.6	85.8	85.8	6.2		18.1			9	-				-		-	
						4.7	0.3	256	23.2		7.9		28.6		85.8		6.2		18.1			9	-				-		-	
					Bottom	8.3	0.2	250	23.2	23.2	7.9	7.9	28.7	28.7	86.2	86.2	6.3	6.3	24.4			13	-				-		-	
						8.3	0.2	259	23.2		7.9		28.7		86.2		6.3		24.4			13	-				-		-	
SR5A	Fine	Calm	09:00	4.0	Surface	1.0	0.3	270	23.3	23.3	7.9	7.9	28.4	28.4	84.6	84.6	6.1	6.1	16.5	16.8	11	8	-	-	816597	810711	-	-	-	-
						1.0	0.3	283	23.3		7.9		28.4		84.6		6.1		16.5			9	-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-			-	-				-		-	
						-	-	-	-		-		-		-		-		-			-	-				-		-	
					Bottom	3.0	0.2	284	23.3	23.3	7.9	7.9	28.4	28.4	86.1	86.1	6.2	6.2	17.1			13	-				-		-	
						3.0	0.3	309	23.3		7.9		28.4		86.1		6.2		17.1			15	-				-		-	
SR6	Fine	Calm	08:40	4.3	Surface	1.0	0.2	255	23.3	23.3	7.9	7.9	27.6	27.6	83.0	83.0	6.0	6.0	13.9	13.6	9	8	-	-	817869	814647	-	-	-	-
						1.0	0.2	256	23.3		7.9		27.6		83.0		6.0		13.9			8	-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-			-	-				-		-	
						-	-	-	-		-		-		-		-		-			-	-				-		-	
					Bottom	3.3	0.1	268	23.2	23.2	7.9	7.9	27.9	27.9	87.1	87.1	6.3	6.3	13.2			11	-				-		-	
						3.3	0.2	268	23.2		7.9		27.9		87.1		6.3		13.2			9	-				-		-	
SR7	Sunny	Moderate	08:08	18.7	Surface	1.0	0.2	224	23.1	23.1	8.0	8.0	27.8	27.8	85.1	85.1	6.2	6.2	8.1	8.6	4	4	-	-	823621	823721	-	-	-	-
						1.0	0.2	224	23.1		8.0		27.8		85.1		6.2		8.3			4	-				-		-	
					Middle	9.4	0.3	192	22.7	22.7	8.0	8.0	29.5	29.5	83.3	83.3	6.1		8.6			4	-				-		-	
						9.4	0.3	196	22.7		8.0		29.5		83.3		6.1		8.9			4	-				-		-	
					Bottom	17.7	-	53	22.5	22.5	8.0	8.0	30.4	30.4	83.0	83.0	6.0	6.0	8.7			6	-				-		-	
						17.7	-	57	22.5		8.0		30.4		83.0		6.0		8.7			4	-				-		-	
SR8	Sunny	Moderate	09:19	4.0	Surface	1.0	-	-	23.4	23.4	8.0	8.0	25.7	25.7	86.8	86.8	6.4	6.4	9.5	9.3	4	4	-	-	820246	811418	-	-	-	-
						1.0	-	-	23.4		8.0		25.7		86.8		6.4		9.7			4	-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-			-	-				-		-	
						-	-	-	-		-		-		-		-		-			-	-				-		-	
					Bottom	3.0	-	-	23.4	23.4	8.0	8.0	26.0	26.0	88.4	88.4	6.5	6.5	8.9			5	-				-		-	
						3.0	-	-	23.4		8.0		26.0		88.4		6.5		8.9			4	-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 07 April 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	DA
C1	Cloudy	Rough	16:57	9.1	Surface	1.0	0.5	209	21.5	21.5	8.2	8.2	30.9	30.9	97.6	97.6	7.2	7.1	9.0	9.8	6	7	73	75	815649	804223	<0.2	<0.2	<0.2	2.4	2.5
						1.0	0.6	214	21.5		8.2		30.9		97.6		7.2		9.2		5		73				<0.2			2.6	
					Middle	4.6	0.4	197	21.8	21.8	8.2	8.2	31.7	31.7	95.6	95.6	7.0		8.6		6		75				<0.2	<0.2		2.6	
						4.6	0.4	197	21.8		8.2		31.7		95.5		7.0		8.5		6		75				<0.2			2.6	
					Bottom	8.1	0.3	191	22.4	22.4	8.2	8.2	33.3	33.3	94.9	95.0	6.8	6.8	11.8		10		77				<0.2	<0.2		2.4	
						8.1	0.3	204	22.4		8.2		33.3		95.0		6.8		11.8		10		77				<0.2			2.4	
C2	Cloudy	Rough	15:57	12.0	Surface	1.0	0.3	162	22.1	22.1	8.0	8.0	27.5	27.5	91.5	91.5	6.8	6.7	13.1	13.1	8	9	73	75	825701	806960	<0.2	<0.2	<0.2	2.8	2.6
						1.0	0.3	171	22.1		8.0		27.5		91.5		6.8		13.1		7		73				<0.2			2.8	
					Middle	6.0	0.1	138	22.3	22.3	8.1	8.1	30.8	30.8	91.3	91.3	6.6		14.8		8		75				<0.2	<0.2		2.6	
						6.0	0.2	142	22.3		8.1		30.8		91.3		6.6		14.8		7		75				<0.2			2.5	
					Bottom	11.0	0.1	355	22.1	22.1	8.1	8.1	32.4	32.4	93.4	93.4	6.8	6.8	11.3		10		77				<0.2	<0.2		2.4	
						11.0	0.1	327	22.1		8.1		32.4		93.4		6.8		11.3		11		77				<0.2			2.4	
C3	Cloudy	Moderate	17:41	11.8	Surface	1.0	0.3	74	22.0	22.0	8.1	8.1	32.0	32.0	92.7	92.7	6.7	6.8	5.5	5.9	5	5	73	75	822123	817800	<0.2	<0.2	<0.2	1.6	1.7
						1.0	0.3	74	22.0		8.1		32.0		92.7		6.7		5.5		6		74				<0.2			1.7	
					Middle	5.9	0.2	89	22.1	22.1	8.1	8.1	32.7	32.7	93.6	93.6	6.8		5.9		6		75				<0.2	<0.2		1.7	
						5.9	0.2	95	22.1		8.1		32.7		93.6		6.8		5.9		4		75				<0.2			1.6	
					Bottom	10.8	0.2	69	22.1	22.1	8.1	8.1	33.2	33.2	95.3	95.3	6.9	6.9	6.2		5		77				<0.2	<0.2		1.7	
						10.8	0.2	73	22.1		8.1		33.2		95.3		6.9		6.2		4		76				<0.2			1.6	
IM1	Cloudy	Rough	16:41	7.8	Surface	1.0	0.2	179	21.9	21.9	8.2	8.2	31.1	31.1	94.9	95.0	6.9	6.9	10.7	11.0	10	10	73	75	818378	806473	<0.2	<0.2	<0.2	2.2	2.3
						1.0	0.2	196	21.9		8.2		31.1		95.0		7.0		10.6		10		73				<0.2			2.4	
					Middle	3.9	0.2	145	22.0	22.0	8.2	8.2	31.9	31.9	95.2	95.2	6.9		10.1		9		75				<0.2	<0.2		2.3	
						3.9	0.2	150	22.0		8.2		31.9		95.2		6.9		10.3		10		75				<0.2			2.4	
					Bottom	6.8	0.1	159	22.3	22.3	8.2	8.2	32.8	32.8	95.3	95.3	6.9	6.9	12.4		11		77				<0.2	<0.2		2.3	
						6.8	0.1	168	22.3		8.2		32.8		95.3		6.9		11.9		10		77				<0.2			2.1	
IM2	Cloudy	Rough	16:36	8.6	Surface	1.0	0.2	189	21.8	21.8	8.2	8.2	30.7	30.7	94.6	94.6	6.9	6.9	11.1	11.0	8	10	73	75	818829	806219	<0.2	<0.2	<0.2	2.2	2.2
						1.0	0.2	202	21.8		8.2		30.7		94.6		6.9		11.3		8		73				<0.2			2.1	
					Middle	4.3	0.2	164	22.1	22.1	8.2	8.2	32.5	32.5	95.4	95.4	6.9		10.3		10		75				<0.2	<0.2		2.2	
						4.3	0.2	171	22.1		8.2		32.5		95.4		6.9		10.2		9		75				<0.2			2.2	
					Bottom	7.6	0.1	177	22.2	22.2	8.2	8.2	32.7	32.7	95.3	95.3	6.9	6.9	11.6		12		77				<0.2	<0.2		2.2	
						7.6	0.1	188	22.2		8.2		32.7		95.3		6.9		11.5		12		77				<0.2			2.3	
IM3	Cloudy	Rough	16:30	8.7	Surface	1.0	0.1	193	21.8	21.8	8.2	8.2	30.9	30.9	95.2	95.2	7.0	7.0	10.6	10.9	8	8	73	75	819405	805997	<0.2	<0.2	<0.2	2.2	2.2
						1.0	0.2	206	21.8		8.2		30.9		95.2		7.0		10.8		7		73				<0.2			2.2	
					Middle	4.4	0.2	102	21.9	21.9	8.2	8.2	31.6	31.6	95.2	95.2	6.9		10.1		8		75				<0.2	<0.2		2.0	
						4.4	0.2	111	21.9		8.2		31.6		95.2		6.9		10.0		8		75				<0.2			2.0	
					Bottom	7.7	0.1	45	22.2	22.2	8.2	8.2	32.7	32.7	95.0	95.0	6.9	6.9	11.8		7		77				<0.2	<0.2		2.2	
						7.7	0.1	45	22.2		8.2		32.7		95.0		6.9		11.8		8		77				<0.2			2.3	
IM4	Cloudy	Rough	16:22	8.2	Surface	1.0	0.2	190	21.7	21.7	8.2	8.2	30.4	30.4	96.8	96.8	7.1	7.1	9.0	10.4	6	7	73	75	819544	805057	<0.2	<0.2	<0.2	2.2	2.2
						1.0	0.2	204	21.7		8.2		30.4		96.8		7.1		9.2		8		73				<0.2			2.2	
					Middle	4.1	0.1	184	21.8	21.8	8.2	8.2	31.8	31.8	95.9	95.9	7.0		9.1		7		75				<0.2	<0.2		2.3	
						4.1	0.1	189	21.8		8.2		31.8		95.9		7.0		9.2		7		75				<0.2			2.2	
					Bottom	7.2	0.1	179	22.3	22.3	8.2	8.2	32.9	32.9	95.7	95.7	6.9	6.9	12.8		8		77				<0.2	<0.2		2.3	
						7.2	0.2	188	22.3		8.2		32.9		95.7		6.9		12.9		8		77				<0.2			2.1	
IM5	Cloudy	Rough	16:13	7.4	Surface	1.0	0.1	138	21.7	21.7	8.2	8.2	31.0	31.0	97.1	97.1	7.1	7.1	8.6	12.8	6	7	73	75	820589	804919	<0.2	<0.2	<0.2	2.1	2.1
						1.0	0.1	144	21.7		8.2		31.0		97.1		7.1		8.7		7		73				<0.2			2.2	
					Middle	3.7	0.1	126	21.7	21.7	8.2	8.2	31.2	31.2	95.9	95.9	7.0		10.3		7		75				<0.2	<0.2		2.2	
						3.7	0.1	126	21.7		8.2		31.2		95.8		7.0		10.3		6		75				<0.2			2.1	
					Bottom	6.4	0.1	159	22.1	22.1	8.2	8.2	32.1	32.1	93.4	93.4	6.8	6.8	19.6		7		77				<0.2	<0.2		2.1	
						6.4	0.1	166	22.1		8.2		32.1		93.4		6.8		19.5		6		77				<0.2			2.1	
IM6	Cloudy	Rough	16:06	7.5	Surface	1.0	0.1	156	21.7	21.7	8.2	8.2	30.3	30.3	95.5	95.5	7.0	6.9	10.2	13.3	7	8	73	75	821068	805803	<0.2	<0.2	<0.2	2.2	2.2
						1.0	0.1	168	21.7		8.2		30.3		95.4		7.0		10.1		8		73				<0.2			2.3	
					Middle	3.8	0.1	114	21.8	21.8	8.2	8.2	30.7	30.7	93.2	93.2	6.8		12.7		6		75				<0.2	<0.2		2.2	
						3.8	0.1	120	21.8		8.2		30.7		93.1		6.8		12.7		6		75				<0.2			2.1	
					Bottom	6.5	0.1	110	22.2	22.2	8.2	8.2	32.1	32.1	92.4	92.4	6.7	6.7	17.1		8		77				<0.2	<0.2		2.1	
						6.5	0.1	120	22.2		8.2		32.1		92.4		6.7		17.2		10		77				<0.2			2.0	
IM7	Cloudy	Rough	15:58	8.9	Surface	1.0	0.1	135	21.7	21.7	8.2	8.2	28.5	28.5	94.8	94.8	7.1	7.0	13.2	16.0	10	11	73	75	821352	806822	<0.2	<0.2	<0.2	1.9	2.0
						1.0	0.1	144	21.7		8.2		28.5		94.7		7.1		13.3		11		73				<0.2			2.0	
					Middle	4.5	0.2	88	21.7	21.7	8.2	8.2	29.9	29.9	92.9	92.9	6.9		14.1		11		75				<0.2	<0.2		2.1	
						4.5	0.3	96	21.7		8.2		29.9		92.8		6.9		14.4		11		75				<0.2			2.1	
					Bottom	7.9	0.2	98	22.2	22.2	8.2	8.2	31.9	31.9	92.6	92.7	6.7	6.7	20.6		10		76				<0.2	<0.2		1.9	
						7.9	0.2	103	22.2		8.2		31.9		92.7		6.7		20.6		12		77				<0.2			2.1	
IM8	Cloudy	Moderate	16:20	8.8	Surface	1.0	0.2	142	21.8	21.8	8.2	8.2	28.3	28.3	95.3	95.3	7.1	7.1	15.2	15.1	9	11	73	75	821666	807855	<0.2	<0.2	<0.2	1.9	2.0
						1.0	0.2	146	21.8		8.2		28.3		95.3		7.1		15.2		11		73				<0.2			1.9	
					Middle	4.4	0.2	119	21.9	21.9	8.1	8.1	28.7	28.7	95.5	95.5	7.1		15.6		9		75				<0.2	<0.2		2.1	
						4.4	0.2	124	21.9		8.1		28.7		95.5		7.1		15.6		10		75				<0.2			2.1	
					Bottom	7.8	0.2	70	21.8	21.8	8.1	8.1	31.8	31.8	96.4	96.4	7.0	7.0	14.4		12		75				<0.2	<0.2		1.8	
						7.8	0.2	75	21.8		8.1		31.8		96.4		7.0		14.4		13		76				<0.2			2.0	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 07 April 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	DA
IM9	Cloudy	Moderate	16:28	7.6	Surface	1.0	0.3	119	21.8	21.8	8.2	8.2	28.5	28.5	94.4	94.4	7.0	7.0	15.3	18.3	11	11	73	75	822068	808825	<0.2	<0.2	<0.2	1.9	1.9
						1.0	0.4	119	21.8		8.2		28.5		94.4		7.0		15.3				73				<0.2			2.0	
					Middle	3.8	0.4	99	21.8	21.8	8.2	8.2	29.1	29.1	93.8	93.8	6.9		17.8		12		75				<0.2	<0.2		1.9	
						3.8	0.4	99	21.8		8.2		29.1		93.8		6.9		17.8		11		75				<0.2			1.8	
					Bottom	6.6	0.2	83	22.1	22.1	8.1	8.1	31.6	31.6	95.6	95.6	7.0	7.0	21.9		11		76				<0.2	<0.2		1.9	
						6.6	0.3	88	22.1		8.1		31.6		95.6		7.0		21.9		11		77				<0.2			1.8	
IM10	Cloudy	Moderate	16:35	7.5	Surface	1.0	0.5	113	22.1	22.1	8.1	8.1	29.9	29.9	92.1	92.1	6.8	6.8	14.8	15.1	9	10	73	74	822229	809863	<0.2	<0.2	<0.2	1.8	1.8
						1.0	0.5	114	22.1		8.1		29.9		92.1		6.8		14.8		11		73				<0.2			1.8	
					Middle	3.8	0.3	97	22.1	22.1	8.1	8.1	30.3	30.3	92.6	92.6	6.8		15.0		10		75				<0.2	<0.2		1.7	
						3.8	0.4	97	22.1		8.1		30.3		92.6		6.8		15.0		10		71				<0.2			1.9	
					Bottom	6.5	0.4	97	22.1	22.1	8.1	8.1	31.1	31.1	99.9	99.9	7.3	7.3	15.5		10		77				<0.2	<0.2		1.7	
						6.5	0.4	100	22.1		8.1		31.1		99.9		7.3		15.5		9		76				<0.2			1.7	
IM11	Cloudy	Moderate	16:48	8.2	Surface	1.0	0.4	101	22.0	22.0	8.1	8.1	29.1	29.1	90.3	90.3	6.7	6.7	15.5	16.2	10	12	73	74	821473	810574	<0.2	<0.2	<0.2	1.7	1.7
						1.0	0.4	109	22.0		8.1		29.1		90.3		6.7		15.5		9		73				<0.2			1.8	
					Middle	4.1	0.3	92	22.1	22.1	8.2	8.2	30.4	30.4	90.4	90.4	6.6		16.4		12		74				<0.2	<0.2		1.7	
						4.1	0.3	95	22.1		8.2		30.4		90.4		6.6		16.4		12		74				<0.2			1.8	
					Bottom	7.2	0.1	75	22.1	22.1	8.1	8.1	30.8	30.8	92.2	92.2	6.7	6.7	16.6		12		75				<0.2	<0.2		1.7	
						7.2	0.1	77	22.1		8.1		30.8		92.2		6.7		16.6		14		75				<0.2			1.7	
IM12	Cloudy	Moderate	16:56	8.9	Surface	1.0	0.4	82	21.9	21.9	8.1	8.1	29.5	29.5	90.7	90.7	6.7	6.6	13.9	13.2	12	13	72	74	821186	811503	<0.2	<0.2	<0.2	1.8	1.7
						1.0	0.4	86	21.9		8.1		29.5		90.7		6.7		13.9		13		73				<0.2			1.7	
					Middle	4.5	0.2	95	21.9	21.9	8.1	8.1	30.4	30.4	88.7	88.7	6.5		11.6		14		75				<0.2	<0.2		1.6	
						4.5	0.2	104	21.9		8.1		30.4		88.7		6.5		11.6		13		75				<0.2			1.7	
					Bottom	7.9	0.1	134	22.2	22.2	8.0	8.0	31.7	31.7	88.4	88.4	6.4	6.4	14.0		14		76				<0.2	<0.2		1.6	
						7.9	0.1	147	22.2		8.0		31.7		88.4		6.4		14.0		13		75				<0.2			1.7	
SR2	Cloudy	Moderate	17:21	4.3	Surface	1.0	0.2	46	22.0	22.0	8.1	8.1	31.0	31.0	91.7	91.7	6.7	6.7	7.8	8.3	8	8	73	74	821468	814141	<0.2	<0.2	<0.2	1.2	1.3
						1.0	0.2	47	22.0		8.1		31.0		91.7		6.7		7.8		8		73				<0.2			1.4	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.3	0.2	38	22.2	22.2	8.1	8.1	32.0	32.0	94.1	94.1	6.8	6.8	8.8		8		75				<0.2	<0.2		1.3	
						3.3	0.2	40	22.2		8.1		32.0		94.1		6.8		8.8		8		75				<0.2			1.3	
SR3	Cloudy	Moderate	16:16	9.4	Surface	1.0	0.3	156	21.9	21.9	8.0	8.0	27.8	27.8	94.9	94.9	7.1	7.1	12.8	17.7	10	11	-	-	822136	807586	-	-	-	-	-
						1.0	0.3	156	21.9		8.0		27.8		94.9		7.1		12.8		11		-				-			-	
					Middle	4.7	0.2	143	21.7	21.7	8.1	8.1	29.8	29.8	94.3	94.3	7.0		16.2		11		-				-	-		-	
						4.7	0.2	149	21.7		8.1		29.8		94.3		7.0		16.2		10		-				-			-	
					Bottom	8.4	0.3	150	22.1	22.1	8.1	8.1	31.7	31.7	95.7	95.7	7.0	7.0	24.2		11		-				-	-		-	
						8.4	0.3	150	22.1		8.1		31.7		95.7		7.0		24.2		10		-				-			-	
SR4A	Cloudy	Moderate	17:20	9.2	Surface	1.0	0.3	81	21.8	21.8	8.1	8.1	31.2	31.2	93.3	93.3	6.8	6.8	14.7	15.8	11	12	-	-	817192	807795	-	-	-	-	-
						1.0	0.3	85	21.8		8.1		31.2		93.3		6.8		14.5		11		-				-			-	
					Middle	4.6	0.3	75	22.3	22.3	8.2	8.2	32.5	32.5	93.3	93.3	6.7		13.3		12		-				-	-		-	
						4.6	0.4	77	22.3		8.2		32.5		93.3		6.7		13.4		12		-				-			-	
					Bottom	8.2	0.2	61	22.3	22.3	8.2	8.2	32.8	32.8	93.3	93.3	6.7	6.7	19.2		15		-				-	-		-	
						8.2	0.2	61	22.3		8.2		32.8		93.3		6.7		19.5		13		-				-			-	
SR5A	Cloudy	Moderate	17:36	5.1	Surface	1.0	0.3	24	22.0	22.0	8.0	8.0	28.5	28.5	88.3	88.3	6.5	6.6	14.9	15.9	10	10	-	-	816612	810723	-	-	-	-	-
						1.0	0.3	25	22.0		8.0		28.5		88.3		6.6		15.1		10		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	4.1	0.2	8	22.0	22.0	8.1	8.1	30.0	30.0	90.2	90.2	6.6	6.6	16.7		10		-				-	-		-	
						4.1	0.2	8	22.0		8.1		29.9		90.2		6.6		16.9		11		-				-			-	
SR6	Cloudy	Moderate	17:59	4.1	Surface	1.0	0.1	69	22.0	22.0	8.0	8.0	27.3	27.3	89.1	89.1	6.7	6.7	11.0	11.4	8	10	-	-	817909	814659	-	-	-	-	-
						1.0	0.1	72	22.0		8.0		27.3		89.0		6.6		11.1		10		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.1	0.1	83	22.2	22.2	8.0	8.0	27.7	27.7	90.5	90.6	6.7	6.7	11.8		10		-				-	-		-	
						3.1	0.1	86	22.2		8.0		27.7		90.6		6.7		11.7		10		-				-			-	
SR7	Cloudy	Moderate	18:09	16.3	Surface	1.0	0.1	35	21.9	21.9	8.1	8.1	32.5	32.5	92.6	92.6	6.7	6.7	5.1	6.0	6	6	-	-	823665	823736	-	-	-	-	-
						1.0	0.1	36	21.9		8.1		32.5		92.6		6.7		5.1		6		-				-			-	
					Middle	8.2	0.1	315	22.1	22.1	8.1	8.1	33.3	33.3	92.5	92.5	6.7		6.1		6		-				-	-		-	
						8.2	0.1	322	22.1		8.1		33.3		92.5		6.7		6.1		5		-				-			-	
					Bottom	15.3	0.1	91	22.1	22.1	8.1	8.1	33.3	33.3	93.7	93.8	6.7	6.7	6.9		7		-				-	-		-	
						15.3	0.1	94	22.1		8.1		33.3		93.8		6.7		6.8		6		-				-			-	
SR8	Cloudy	Moderate	17:09	4.3	Surface	1.0	-	-	22.0	22.0	8.1	8.1	29.8	29.8	92.4	92.4	6.8	6.8	14.3	12.5	8	9	-	-	820246	811418	-	-	-	-	-
						1.0	-	-	22.0		8.1		29.8		92.4		6.8		14.3		8		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.3	-	-	22.0	22.0	8.1	8.1	30.3	30.3	96.1	96.1	7.0	7.0	10.6		10		-				-	-		-	
						3.3	-	-	22.0		8.1		30.3		96.1		7.0		10.6		9		-				-			-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 07 April 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	DA
C1	Cloudy	Rough	10:34	8.7	Surface	1.0	0.2	162	21.9	21.9	8.1	8.1	31.4	31.4	94.8	94.8	6.9	6.9	10.2	13.0	8	10	73	75	815637	804272	<0.2	<0.2	<0.2	1.8	1.8
						1.0	0.2	171	21.9		8.1		31.4		94.8		6.9		9.8		6		73				<0.2			1.7	
					Middle	4.4	0.1	236	22.1	22.1	8.2	8.2	31.9	31.9	94.5	94.5	6.9		13.4		9		75				<0.2	<0.2		1.8	
						4.4	0.1	258	22.1		8.2		31.9		94.5		6.9		13.4		11		75				<0.2			1.8	
					Bottom	7.7	0.1	55	22.4	22.4	8.2	8.2	33.0	33.0	94.5	94.5	6.8	6.8	15.5		13		76				<0.2	<0.2		1.8	
						7.7	0.2	55	22.4		8.2		33.0		94.5		6.8		15.6		13		77				<0.2			1.8	
C2	Cloudy	Rough	11:21	11.8	Surface	1.0	0.2	309	22.3	22.3	8.1	8.1	27.1	27.1	90.1	90.1	6.7	6.6	13.5	18.0	8	11	73	75	825708	806940	<0.2	<0.2	<0.2	2.6	2.6
						1.0	0.2	310	22.3		8.1		27.1		90.1		6.7		13.5		9		73				<0.2			2.5	
					Middle	5.9	0.4	321	22.3	22.3	8.0	8.0	30.7	30.7	89.7	89.7	6.5		21.2		11		75				<0.2	<0.2		2.7	
						5.9	0.4	335	22.3		8.0		30.7		89.7		6.5		21.2		13		75				<0.2			2.4	
					Bottom	10.8	0.3	313	22.3	22.3	8.0	8.0	31.1	31.1	91.9	91.9	6.7	6.7	19.4		12		75				<0.2	<0.2		2.6	
						10.8	0.3	330	22.3		8.0		31.1		91.9		6.7		19.4		13		76				<0.2			2.5	
C3	Cloudy	Moderate	09:25	11.4	Surface	1.0	0.4	248	22.2	22.2	8.1	8.1	31.6	31.6	90.3	90.3	6.6	6.6	5.7	6.4	7	9	74	75	822100	817832	<0.2	<0.2	<0.2	1.5	1.6
						1.0	0.4	250	22.2		8.1		31.6		90.3		6.6		5.8		8		73				<0.2			1.6	
					Middle	5.7	0.5	250	22.2	22.2	8.1	8.1	32.9	32.9	90.5	90.5	6.5		6.8		8		75				<0.2	<0.2		1.6	
						5.7	0.5	253	22.2		8.1		32.9		90.5		6.5		6.8		9		75				<0.2			1.4	
					Bottom	10.4	0.3	258	22.2	22.2	8.1	8.1	32.9	32.9	90.9	90.9	6.5	6.5	6.5		10		77				<0.2	<0.2		1.7	
						10.4	0.4	280	22.2		8.1		32.9		90.9		6.5		6.5		9		77				<0.2			1.5	
IM1	Cloudy	Rough	10:56	7.7	Surface	1.0	0.1	326	21.9	21.9	8.1	8.1	29.6	29.6	92.4	92.4	6.8	6.8	12.2	16.2	12	12	73	75	818323	806470	<0.2	<0.2	<0.2	2.0	2.1
						1.0	0.1	337	21.9		8.1		29.6		92.4		6.8		12.4		11		74				<0.2			2.1	
					Middle	3.9	0.2	353	21.9	21.9	8.1	8.1	29.7	29.7	91.8	91.8	6.8		15.2		11		75				<0.2	<0.2		2.2	
						3.9	0.2	325	21.9		8.1		29.7		91.8		6.8		15.3		11		75				<0.2			2.1	
					Bottom	6.7	0.3	18	22.2	22.2	8.2	8.2	32.4	32.4	91.9	91.9	6.6	6.6	21.1		12		77				<0.2	<0.2		2.0	
						6.7	0.3	18	22.2		8.2		32.4		91.9		6.6		20.7		13		78				<0.2			2.1	
IM2	Cloudy	Rough	11:03	8.6	Surface	1.0	0.2	352	21.9	21.9	8.1	8.1	29.3	29.3	93.0	93.1	6.9	6.9	12.6	16.4	14	14	74	76	818854	806206	<0.2	<0.2	<0.2	2.1	2.1
						1.0	0.2	324	21.9		8.1		29.3		93.1		6.9		12.7		14		74				<0.2			2.1	
					Middle	4.3	0.2	26	21.9	21.9	8.1	8.1	29.4	29.4	92.5	92.5	6.8		12.5		13		75				<0.2	<0.2		2.0	
						4.3	0.2	27	21.9		8.1		29.4		92.5		6.8		12.6		12		76				<0.2			2.2	
					Bottom	7.6	0.3	27	22.2	22.2	8.1	8.1	32.3	32.3	92.4	92.5	6.7	6.7	24.1		16		77				<0.2	<0.2		2.0	
						7.6	0.3	28	22.2		8.1		32.3		92.5		6.7		23.9		16		78				<0.2			2.1	
IM3	Cloudy	Rough	11:09	8.4	Surface	1.0	0.2	4	21.9	21.9	8.1	8.1	29.1	29.1	93.0	93.0	6.9	6.9	11.3	13.7	17	17	73	76	819434	806024	<0.2	<0.2	<0.2	1.8	1.8
						1.0	0.2	4	21.9		8.1		29.1		93.0		6.9		11.3		17		74				<0.2			1.7	
					Middle	4.2	0.3	26	21.9	21.9	8.1	8.1	29.2	29.2	92.5	92.5	6.8		13.3		17		76				<0.2	<0.2		1.8	
						4.2	0.3	27	21.9		8.1		29.2		92.5		6.8		13.3		16		76				<0.2			1.8	
					Bottom	7.4	0.2	34	22.2	22.2	8.1	8.1	32.2	32.2	91.8	91.8	6.6	6.6	16.4		17		77				<0.2	<0.2		1.8	
						7.4	0.2	36	22.2		8.1		32.2		91.8		6.6		16.4		16		77				<0.2			1.8	
IM4	Cloudy	Rough	11:17	8.1	Surface	1.0	0.3	6	21.7	21.7	8.1	8.1	29.4	29.4	94.0	94.0	7.0	7.0	10.4	13.0	8	8	73	76	819571	805037	<0.2	<0.2	<0.2	2.0	2.0
						1.0	0.3	6	21.7		8.1		29.4		94.0		7.0		10.6		6		74				<0.2			2.0	
					Middle	4.1	0.3	8	21.7	21.7	8.1	8.1	29.4	29.4	93.4	93.4	6.9		12.8		8		75				<0.2	<0.2		2.0	
						4.1	0.3	8	21.7		8.1		29.4		93.3		6.9		13.0		8		76				<0.2			1.9	
					Bottom	7.1	0.4	28	22.2	22.2	8.1	8.1	32.3	32.3	92.5	92.5	6.7	6.7	15.3		8		78				<0.2	<0.2		1.9	
						7.1	0.4	29	22.2		8.1		32.3		92.5		6.7		15.6		8		77				<0.2			2.0	
IM5	Cloudy	Rough	11:29	7.5	Surface	1.0	0.1	346	21.8	21.8	8.1	8.1	29.2	29.2	94.0	94.0	7.0	7.0	10.2	14.5	8	8	74	76	820539	804934	<0.2	<0.2	<0.2	1.8	1.8
						1.0	0.1	318	21.8		8.1		29.2		94.0		7.0		10.3		8		74				<0.2			1.6	
					Middle	3.8	0.2	355	21.8	21.8	8.1	8.1	29.3	29.3	92.9	92.9	6.9		14.4		7		76				<0.2	<0.2		1.9	
						3.8	0.3	327	21.8		8.1		29.3		92.8		6.9		14.3		8		76				<0.2			1.8	
					Bottom	6.5	0.1	323	22.1	22.1	8.1	8.1	32.1	32.1	92.6	92.7	6.7	6.7	18.7		7		78				<0.2	<0.2		1.8	
						6.5	0.1	345	22.1		8.1		32.1		92.7		6.7		18.8		8		78				<0.2			1.7	
IM6	Cloudy	Rough	11:38	7.4	Surface	1.0	0.1	140	21.9	21.9	8.1	8.1	29.1	29.1	93.2	93.2	6.9	6.9	11.3	13.9	9	9	74	76	821073	805856	<0.2	<0.2	<0.2	1.8	1.8
						1.0	0.1	150	21.9		8.1		29.1		93.2		6.9		11.4		8		73				<0.2			1.8	
					Middle	3.7	0.1	28	22.0	22.0	8.1	8.1	29.2	29.2	92.2	92.2	6.8		13.3		10		76				<0.2	<0.2		1.7	
						3.7	0.1	28	22.0		8.1		29.2		92.2		6.8		13.5		9		76				<0.2			1.7	
					Bottom	6.4	0.1	70	22.1	22.1	8.1	8.1	31.1	31.1	92.6	92.7	6.7	6.8	17.2		8		78				<0.2	<0.2		1.8	
						6.4	0.1	73	22.1		8.1		31.2		92.7		6.8		16.8		8		78				<0.2			1.7	
IM7	Cloudy	Rough	11:47	8.8	Surface	1.0	0.1	213	22.0	22.0	8.2	8.2	28.8	28.8	92.4	92.4	6.8	6.8	13.5	16.5	11	12	74	76	821359	806819	<0.2	<0.2	<0.2	1.9	1.7
						1.0	0.1	222	22.0		8.2		28.8		92.4		6.9		13.4		12		74				<0.2			1.8	
					Middle	4.4	0.1	21	22.1	22.1	8.2	8.2	29.6	29.6	91.7	91.7	6.7		14.6		11		75				<0.2	<0.2		1.7	
						4.4	0.1	21	22.1		8.2		29.6		91.7		6.7		14.7		12		76				<0.2			1.7	
					Bottom	7.8	0.1	283	22.2	22.2	8.1	8.1	31.0	31.0	91.8	91.9	6.7	6.7	21.8		12		77				<0.2	<0.2		1.6	
						7.8	0.1	283	22.2		8.1		31.0		91.9		6.7		21.2		12		78				<0.2			1.6	
IM8	Cloudy	Rough	10:50	8.2	Surface	1.0	0.2	228	22.1	22.1	8.2	8.2	27.1	27.1	90.3	90.3	6.7	6.8	20.1	20.4	17	17	74	75	821706	807844	<0.2	<0.2	<0.2	1.8	1.9
						1.0	0.2	236	22.1		8.2		27.1		90.3		6.7		20.1		17		73				<0.2			1.9	
					Middle	4.1	0.0	255	22.2	22.2	8.2	8.2	27.4	27.4	91.2	91.2	6.8		19.8		18		75				<0.2	<0.2		1.9	
						4.1	0.0	262	22.2		8.2		27.4		91.2		6.8		19.8		16		75				<0.2			1.9	
					Bottom	7.2	0.2	67	22.3	22.3	8.1	8.1	30.2	30.2	93.0	93.0	6.8	6.8	21.3		16		75				<0.2	<0.2		2.1	
						7.2	0.2	69	22.3		8.1		30.2		93.0		6.8		21.3		16		76				<0.2			1.7	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 07 April 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	DA
IM9	Cloudy	Rough	10:43	7.3	Surface	1.0	0.1	352	22.3	22.3	8.2	8.2	27.4	27.4	89.5	89.3	6.7	6.6	16.9	18.4	17	19	73	75	822084	808836	<0.2	<0.2	<0.2	1.4	1.4
						1.0	0.1	324	22.3		8.2		27.4		89.1		6.6		16.9		19		73				<0.2			1.4	
					Middle	3.7	0.2	305	22.3	22.3	8.2	8.2	27.7	27.7	88.8	88.8	6.6		18.8		18		75				<0.2	<0.2		1.4	
						3.7	0.2	307	22.3		8.2		27.7		88.8		6.6		18.8		19		75				<0.2			1.4	
					Bottom	6.3	0.3	289	22.4	22.4	8.1	8.1	30.2	30.2	90.8	90.8	6.6	6.6	19.6		20		76				<0.2	<0.2		1.4	
						6.3	0.4	306	22.4		8.1		30.2		90.8		6.6		19.6		20		77				<0.2			1.4	
IM10	Cloudy	Rough	10:35	7.4	Surface	1.0	0.4	288	22.0	22.0	8.0	8.0	30.1	30.1	89.6	89.6	6.6	6.6	8.3	11.1	6	5	73	75	822233	809859	<0.2	<0.2	<0.2	1.4	1.4
						1.0	0.4	313	22.0		8.0		30.1		89.6		6.6		8.3		6		73				<0.2			1.4	
					Middle	3.7	0.3	282	22.1	22.1	8.0	8.0	31.1	31.1	89.7	89.7	6.5		11.9		5		75				<0.2	<0.2		1.2	
						3.7	0.4	306	22.1		8.0		31.1		89.7		6.5		11.9		5		75				<0.2			1.4	
					Bottom	6.4	0.3	281	22.1	22.1	8.0	8.0	31.4	31.4	91.7	91.7	6.7	6.7	13.1		4		77				<0.2	<0.2		1.4	
						6.4	0.3	298	22.1		8.0		31.4		91.7		6.7		13.1		6		77				<0.2			1.4	
IM11	Cloudy	Moderate	10:22	8.4	Surface	1.0	0.2	291	22.3	22.3	8.0	8.0	29.3	29.3	88.4	88.4	6.5	6.5	9.8	10.4	6	6	73	74	821526	810520	<0.2	<0.2	<0.2	1.8	2.1
						1.0	0.2	305	22.3		8.0		29.3		88.4		6.5		9.8		4		73				<0.2			2.0	
					Middle	4.2	0.1	304	22.3	22.3	8.0	8.0	31.3	31.3	89.8	89.9	6.5		11.0		6		74				<0.2	<0.2		2.0	
						4.2	0.1	333	22.3		8.0		31.3		89.9		6.5		11.1		6		75				<0.2			2.2	
					Bottom	7.4	0.2	293	22.2	22.2	8.0	8.0	31.6	31.6	92.3	92.3	6.7	6.7	10.3		7		75				<0.2	<0.2		2.2	
						7.4	0.3	300	22.2		8.0		31.6		92.3		6.7		10.3		7		76				<0.2			2.3	
IM12	Cloudy	Moderate	10:15	9.0	Surface	1.0	0.5	265	22.2	22.2	8.0	8.0	28.6	28.6	87.2	87.2	6.4	6.4	8.3	9.7	5	5	73	74	821191	811497	<0.2	<0.2	<0.2	1.7	2.0
						1.0	0.5	286	22.2		8.0		28.6		87.2		6.4		8.3		6		73				<0.2			1.8	
					Middle	4.5	0.4	272	22.2	22.2	8.0	8.0	31.8	31.8	86.7	86.7	6.3		9.5		5		74				<0.2	<0.2		2.3	
						4.5	0.4	281	22.2		8.0		31.8		86.7		6.3		9.5		4		74				<0.2			2.1	
					Bottom	8.0	0.2	271	22.2	22.2	8.0	8.0	32.1	32.1	87.8	87.8	6.3	6.3	11.3		5		76				<0.2	<0.2		1.9	
						8.0	0.2	296	22.2		8.0		32.1		87.8		6.3		11.3		4		75				<0.2			1.9	
SR2	Cloudy	Moderate	09:48	3.8	Surface	1.0	0.2	278	22.0	22.0	8.0	8.0	30.6	30.6	90.0	90.0	6.6	6.6	7.8	8.3	5	6	73	74	821468	814174	<0.2	<0.2	<0.2	1.3	1.4
						1.0	0.2	288	22.0		8.0		30.6		90.0		6.6		7.8		4		73				<0.2			1.3	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	2.8	0.1	266	22.3	22.3	8.0	8.0	32.0	32.0	92.3	92.3	6.7	6.7	8.8		6		75				<0.2	<0.2		1.5	
						2.8	0.1	286	22.3		8.0		32.0		92.3		6.7		8.8		7		75				<0.2			1.5	
SR3	Cloudy	Rough	10:56	9.0	Surface	1.0	0.1	294	22.3	22.3	8.1	8.1	27.3	27.3	91.3	91.3	6.8	6.8	20.7	19.9	18	17	-	-	822143	807549	-	-	-	-	-
						1.0	0.1	320	22.3		8.1		27.3		91.3		6.8		20.7		16		-				-			-	
					Middle	4.5	0.1	3	22.3	22.3	8.1	8.1	27.5	27.5	91.9	91.9	6.8		19.4		17		-				-	-		-	
						4.5	0.1	3	22.3		8.1		27.5		91.9		6.8		19.4		16		-				-			-	
					Bottom	8.0	0.3	34	22.3	22.3	8.1	8.1	29.7	29.7	95.5	95.5	7.0	7.0	19.7		17		-				-	-		-	
						8.0	0.4	36	22.3		8.1		29.7		95.5		7.0		19.7		16		-				-			-	
SR4A	Cloudy	Moderate	10:14	9.3	Surface	1.0	0.1	246	22.0	22.0	8.1	8.1	28.2	28.2	87.9	87.9	6.5	6.5	15.4	19.9	15	15	-	-	817216	807823	-	-	-	-	-
						1.0	0.1	269	22.0		8.1		28.2		87.9		6.5		15.4		16		-				-			-	
					Middle	4.7	0.2	67	22.4	22.4	8.1	8.1	30.8	30.8	88.3	88.3	6.4		20.5		15		-				-	-		-	
						4.7	0.2	72	22.4		8.1		30.8		88.3		6.4		20.6		15		-				-			-	
					Bottom	8.3	0.2	53	22.4	22.4	8.1	8.1	31.7	31.7	88.6	88.6	6.4	6.4	23.6		15		-				-	-		-	
						8.3	0.2	57	22.4		8.1		31.7		88.6		6.4		23.6		15		-				-			-	
SR5A	Cloudy	Calm	09:58	4.4	Surface	1.0	0.0	179	22.8	22.8	8.0	8.0	28.0	28.0	80.6	80.6	5.9	5.9	16.4	15.7	14	14	-	-	816593	810721	-	-	-	-	-
						1.0	0.0	188	22.8		8.0		28.0		80.6		5.9		16.6		15		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.4	0.0	295	22.7	22.7	8.0	8.0	28.0	28.0	81.8	81.9	6.0	6.0	15.0		14		-				-	-		-	
						3.4	0.0	301	22.7		8.0		28.0		81.9		6.0		14.9		14		-				-			-	
SR6	Cloudy	Calm	09:36	4.5	Surface	1.0	0.1	240	22.2	22.2	8.0	8.0	26.9	26.9	86.6	86.6	6.5	6.5	12.7	13.2	11	12	-	-	817909	814657	-	-	-	-	-
						1.0	0.1	263	22.2		8.0		26.9		86.5		6.5		12.5		12		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.5	0.1	231	22.6	22.6	8.0	8.0	29.3	29.3	85.0	85.0	6.2	6.2	13.8		13		-				-	-		-	
						3.5	0.1	249	22.6		8.0		29.4		85.0		6.2		13.7		13		-				-			-	
SR7	Cloudy	Moderate	08:54	16.0	Surface	1.0	0.2	49	22.1	22.1	8.0	8.0	32.5	32.5	90.9	90.9	6.6	6.6	5.0	5.6	4	5	-	-	823657	823765	-	-	-	-	-
						1.0	0.2	53	22.1		8.0		32.5		90.9		6.6		5.0		5		-				-			-	
					Middle	8.0	0.2	51	22.2	22.2	8.1	8.1	32.9	32.9	91.2	91.2	6.6		5.7		4		-				-	-		-	
						8.0	0.2	54	22.2		8.1		32.9		91.2		6.6		5.7		6		-				-			-	
					Bottom	15.0	0.1	106	22.2	22.2	8.1	8.1	33.3	33.3	92.3	92.3	6.6	6.6	6.2		4		-				-	-		-	
						15.0	0.1	110	22.2		8.1		33.3		92.3		6.6		6.2		6		-				-			-	
SR8	Cloudy	Moderate	10:09	4.6	Surface	1.0	-	-	22.3	22.3	8.0	8.0	28.5	28.5	87.4	87.4	6.4	6.4	9.1	8.9	6	6	-	-	820246	811418	-	-	-	-	-
						1.0	-	-	22.3		8.0		28.5		87.4		6.4		9.1		7		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.6	-	-	22.4	22.4	8.0	8.0	31.4	31.4	89.8	89.8	6.5	6.5	8.7		6		-				-	-		-	
						3.6	-	-	22.4		8.0		31.4		89.8		6.5		8.7		6		-				-			-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 10 April 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
C1	Sunny	Moderate	10:17	8.2	Surface	1.0	0.2	194	23.2	23.2	8.2	8.2	30.0	30.0	111.3	111.3	8.0	7.8	7.5	7.7	5	4	73	75	815628	804267	<0.2	<0.2	2.3	2.2
						1.0	0.2	200	23.2		8.2		30.0		111.2		8.0		7.4		3		73				<0.2		2.7	
					Middle	4.1	0.4	210	22.1	22.1	8.2	8.2	32.5	32.5	103.5	103.5	7.5		8.2		3		75				<0.2		2.2	
						4.1	0.4	228	22.1		8.2		32.5		103.5		7.5		8.6		3		75				<0.2		2.1	
					Bottom	7.2	0.4	212	22.0	22.0	8.2	8.2	32.9	32.9	100.5	100.6	7.3	7.3	7.2		3		77				<0.2		1.8	
						7.2	0.4	218	22.0		8.2		32.9		100.6		7.3		7.2		4		77				<0.2		1.8	
C2	Fine	Moderate	11:23	11.5	Surface	1.0	0.3	176	23.3	23.3	8.0	8.0	28.0	28.0	96.3	96.3	7.0	6.7	7.4	8.7	4	4	72	74	825681	806948	<0.2	<0.2	2.5	2.6
						1.0	0.3	187	23.3		8.0		28.0		96.2		7.0		7.4		2		72				<0.2		2.7	
					Middle	5.8	0.1	172	22.2	22.2	8.0	8.0	31.7	31.7	86.4	86.4	6.3		7.9		5		73				<0.2		2.6	
						5.8	0.1	172	22.2		8.0		31.7		86.4		6.3		8.0		4		74				<0.2		2.6	
					Bottom	10.5	0.2	165	22.1	22.1	8.0	8.0	32.1	32.1	86.9	87.0	6.3	6.3	10.7		4		75				<0.2		2.6	
						10.5	0.2	174	22.1		8.0		32.1		87.0		6.3		10.7		4		76				<0.2		2.6	
C3	Fine	Moderate	09:30	11.5	Surface	1.0	0.0	188	22.5	22.5	8.0	8.0	32.4	32.4	93.2	93.2	6.7	6.6	<2	4.0	<2	2	71	73	822135	817829	<0.2	<0.2	1.6	1.2
						1.0	0.0	205	22.5		8.0		32.4		93.1		6.7		3.6		<2		71				<0.2		1.3	
					Middle	5.8	0.1	158	22.2	22.2	8.0	8.0	33.1	33.1	89.5	89.5	6.4		3.8		<2		73				<0.2		1.0	
						5.8	0.1	161	22.2		8.0		33.1		89.4		6.4		3.9		<2		73				<0.2		1.2	
					Bottom	10.5	0.1	69	22.2	22.2	8.0	8.0	33.2	33.2	89.1	89.1	6.4	6.4	4.4		2		75				<0.2		1.3	
						10.5	0.1	71	22.2		8.0		33.2		89.1		6.4		4.5		3		76				<0.2		0.9	
IM1	Sunny	Moderate	10:39	7.0	Surface	1.0	0.0	329	22.6	22.6	8.1	8.1	29.7	29.7	102.3	102.3	7.5	7.5	6.4	7.9	3	5	73	75	818364	806461	<0.2	<0.2	2.2	1.9
						1.0	0.0	303	22.6		8.1		29.7		102.3		7.5		6.5		5		73				<0.2		2.0	
					Middle	3.5	0.0	21	22.3	22.3	8.1	8.1	30.7	30.7	101.7	101.7	7.4		7.6		5		75				<0.2		2.2	
						3.5	0.0	22	22.3		8.1		30.6		101.7		7.4		7.6		6		75				<0.2		2.2	
					Bottom	6.0	0.1	69	22.1	22.1	8.1	8.1	31.7	31.7	98.0	98.0	7.1	7.1	9.6		7		77				<0.2		1.5	
						6.0	0.1	70	22.1		8.1		31.7		98.0		7.1		9.5		6		77				<0.2		1.5	
IM2	Sunny	Moderate	10:45	7.7	Surface	1.0	0.1	331	22.7	22.7	8.1	8.1	29.5	29.5	102.4	102.5	7.5	7.5	7.8	7.8	6	5	73	75	818851	806213	<0.2	<0.2	2.1	2.0
						1.0	0.1	305	22.7		8.1		29.5		102.6		7.5		8.0		6		73				<0.2		2.3	
					Middle	3.9	0.0	333	22.3	22.3	8.1	8.1	30.5	30.5	101.6	101.6	7.4		7.2		4		75				<0.2		2.2	
						3.9	0.0	306	22.3		8.1		30.5		101.6		7.4		7.4		5		75				<0.2		2.3	
					Bottom	6.7	0.1	97	22.1	22.1	8.1	8.1	31.7	31.7	100.1	100.2	7.3	7.3	8.3		4		77				<0.2		1.7	
						6.7	0.1	101	22.1		8.1		31.7		100.2		7.3		8.3		4		77				<0.2		1.6	
IM3	Sunny	Moderate	10:51	7.6	Surface	1.0	0.0	12	22.7	22.7	8.1	8.1	29.5	29.5	102.8	102.8	7.5	7.5	7.4	7.9	6	6	73	75	819415	806001	<0.2	<0.2	2.1	1.8
						1.0	0.0	12	22.7		8.1		29.6		102.8		7.5		7.3		6		73				<0.2		2.0	
					Middle	3.8	0.0	352	22.3	22.3	8.1	8.1	30.1	30.1	102.0	102.0	7.5		8.1		7		75				<0.2		2.1	
						3.8	0.0	324	22.3		8.1		30.1		102.0		7.5		8.3		5		75				<0.2		2.0	
					Bottom	6.6	0.1	13	22.1	22.1	8.1	8.1	31.5	31.5	100.6	100.6	7.3	7.3	8.0		5		77				<0.2		1.4	
						6.6	0.1	13	22.1		8.1		31.5		100.6		7.3		8.3		6		77				<0.2		1.4	
IM4	Sunny	Moderate	10:58	7.1	Surface	1.0	0.2	204	22.7	22.7	8.1	8.1	29.5	29.5	103.0	103.0	7.5	7.5	7.0	7.3	5	6	73	75	819542	805057	<0.2	<0.2	2.0	1.8
						1.0	0.2	207	22.7		8.1		29.5		103.0		7.5		6.6		4		73				<0.2		2.0	
					Middle	3.6	0.1	208	22.3	22.3	8.2	8.2	30.8	30.8	102.5	102.5	7.5		6.8		7		75				<0.2		2.1	
						3.6	0.1	220	22.3		8.2		30.8		102.4		7.5		7.0		8		75				<0.2		2.0	
					Bottom	6.1	0.2	158	22.1	22.1	8.2	8.2	31.5	31.5	100.7	100.7	7.3	7.3	8.2		6		77				<0.2		1.5	
						6.1	0.2	166	22.1		8.2		31.5		100.7		7.3		8.4		6		77				<0.2		1.4	
IM5	Sunny	Moderate	11:14	6.6	Surface	1.0	0.1	142	22.9	22.8	8.1	8.1	29.4	29.4	102.8	102.9	7.5	7.5	7.8	7.4	6	7	73	75	820585	804922	<0.2	<0.2	1.8	1.9
						1.0	0.1	147	22.8		8.1		29.5		103.0		7.5		7.8		7		73				<0.2		2.0	
					Middle	3.3	0.2	131	22.3	22.3	8.1	8.1	30.2	30.2	102.1	102.1	7.5		7.0		5		75				<0.2		1.9	
						3.3	0.2	143	22.3		8.1		30.2		102.1		7.5		7.3		7		75				<0.2		2.0	
					Bottom	5.6	0.1	83	22.1	22.1	8.2	8.2	31.6	31.6	100.9	100.9	7.3	7.3	7.1		9		77				<0.2		1.7	
						5.6	0.1	83	22.1		8.2		31.6		100.9		7.3		7.3		8		77				<0.2		1.7	
IM6	Sunny	Moderate	11:15	6.3	Surface	1.0	0.1	154	22.7	22.7	8.1	8.1	29.6	29.6	102.6	102.6	7.5	7.5	8.2	8.3	6	7	73	75	821039	805836	<0.2	<0.2	2.2	2.0
						1.0	0.1	162	22.7		8.1		29.6		102.6		7.5		8.2		7		73				<0.2		2.2	
					Middle	3.2	0.2	101	22.3	22.3	8.2	8.2	30.5	30.5	102.1	102.1	7.4		7.0		6		75				<0.2		2.2	
						3.2	0.2	104	22.3		8.2		30.5		102.1		7.4		6.7		7		75				<0.2		2.1	
					Bottom	5.3	0.1	80	22.2	22.2	8.1	8.1	32.1	32.1	99.9	100.0	7.2	7.2	9.8		8		77				<0.2		1.9	
						5.3	0.1	86	22.2		8.1		32.1		100.0		7.2		9.8		7		77				<0.2		1.6	
IM7	Sunny	Moderate	11:26	7.5	Surface	1.0	0.1	163	22.9	22.9	8.1	8.1	29.5	29.5	102.9	102.9	7.5	7.5	8.2	7.9	5	5	73	75	821329	806847	<0.2	<0.2	2.2	2.0
						1.0	0.1	164	22.9		8.1		29.4		102.9		7.5		8.4		4		73				<0.2		2.3	
					Middle	3.8	0.1	97	22.3	22.3	8.2	8.2	30.8	30.8	103.1	103.1	7.5		6.8		4		75				<0.2		2.3	
						3.8	0.1	101	22.3		8.2		30.8		103.1		7.5		7.0		5		75				<0.2		2.0	
					Bottom	6.5	0.1	62	22.1	22.1	8.2	8.2	31.4	31.4	100.6	100.7	7.3	7.3	8.7		5		76				<0.2		1.6	
						6.5	0.1	67	22.1		8.2		31.4		100.7		7.3		8.4		5		77				<0.2		1.6	
IM8	Fine	Moderate	10:57	7.6	Surface	1.0	0.3	32	23.6	23.6	8.0	8.0	27.8	27.8	96.8	96.8	7.0	6.8	6.9	6.2	4	5	72	74	821671	807831	<0.2	<0.2	2.3	2.3
						1.0	0.3	32	23.6		8.0		27.8		96.7		7.0		7.0		4		72				<0.2		2.2	
					Middle	3.8	0.3	42	22.2	22.2	8.0	8.0	30.6	30.6	90.7	90.7	6.6		6.2		4		73				<0.2		2.1	
						3.8	0.3	42	22.2		8.0		30.6		90.6		6.6		6.2		5		74				<0.2		2.4	
					Bottom	6.6	0.3	44	22.2	22.2	8.0	8.0	31.4	31.4	91.4	91.5	6.6	6.7	5.5		5		75				<0.2		2.3	
						6.6	0.3	44	22.2		8.0		31.4		91.5		6.7		5.5		5		76				<0.2		2.4	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 10 April 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
IM9	Fine	Moderate	10:51	7.7	Surface	1.0	0.1	53	23.5	23.5	8.0	8.0	28.0	28.0	97.5	97.5	7.1	6.9	7.0	6.4	5	5	72	74	822080	808837	<0.2	<0.2	2.3	2.0
						1.0	0.1	55	23.5		8.0		28.0		97.5		7.1		7.0		4		73				<0.2		1.9	
					Middle	3.9	0.3	52	22.2	22.2	8.0	8.0	31.1	31.1	90.8	90.8	6.6		5.4		5		74				<0.2		1.9	
						3.9	0.3	56	22.2		8.0		31.1		90.8		6.6		5.4		5		74				<0.2		1.9	
					Bottom	6.7	0.3	72	22.1	22.1	8.0	8.0	31.8	31.8	87.8	87.8	6.4	6.4	6.8		6		76				<0.2		1.9	
						6.7	0.3	72	22.1		8.0		31.8		87.8		6.4		6.9		4		76				<0.2		1.9	
IM10	Fine	Moderate	10:47	7.1	Surface	1.0	0.2	96	22.8	22.8	8.0	8.0	29.0	29.0	96.6	96.6	7.0	7.1	6.9	7.3	5	5	72	74	822245	809831	<0.2	<0.2	1.7	1.9
						1.0	0.2	96	22.7		8.0		29.0		96.6		7.0		7.0		4		72				<0.2		1.9	
					Middle	3.6	0.3	108	22.2	22.2	8.1	8.1	30.3	30.3	96.4	96.5	7.1		7.4		4		74				<0.2		1.8	
						3.6	0.3	111	22.2		8.1		30.3		96.5		7.1		7.4		3		74				<0.2		2.1	
					Bottom	6.1	0.2	109	22.1	22.1	8.1	8.1	31.9	31.9	96.6	96.6	7.0	7.0	7.6		7		75				<0.2		2.0	
						6.1	0.2	114	22.1		8.1		31.9		96.6		7.0		7.6		5		75				<0.2		2.0	
IM11	Fine	Moderate	10:31	8.2	Surface	1.0	0.2	128	22.5	22.5	8.1	8.1	30.4	30.4	93.9	93.8	6.8	6.7	8.5	8.5	6	6	71	73	821486	810552	<0.2	<0.2	1.9	1.9
						1.0	0.2	134	22.5		8.1		30.4		93.6		6.8		8.4		5		72				<0.2		1.8	
					Middle	4.1	0.2	135	22.2	22.2	8.1	8.1	31.2	31.2	89.6	89.5	6.5		8.2		5		73				<0.2		1.8	
						4.1	0.2	143	22.2		8.1		31.2		89.4		6.5		8.4		6		74				<0.2		2.1	
					Bottom	7.2	0.1	92	22.2	22.2	8.0	8.0	31.5	31.5	89.9	90.0	6.5	6.5	8.7		6		75				<0.2		1.9	
						7.2	0.1	98	22.2		8.0		31.5		90.0		6.5		8.7		7		75				<0.2		2.0	
IM12	Fine	Moderate	10:23	8.8	Surface	1.0	0.1	103	22.7	22.7	8.1	8.1	30.4	30.4	93.4	93.4	6.8	6.7	8.4	7.6	6	6	72	74	821161	811532	<0.2	<0.2	1.8	1.9
						1.0	0.2	107	22.7		8.1		30.4		93.3		6.8		8.4		6		72				<0.2		1.7	
					Middle	4.4	0.2	116	22.1	22.1	8.0	8.0	31.4	31.4	89.3	89.3	6.5		7.0		7		74				<0.2		1.9	
						4.4	0.2	125	22.1		8.0		31.4		89.3		6.5		7.0		6		74				<0.2		2.1	
					Bottom	7.8	0.1	127	22.1	22.1	8.0	8.0	31.5	31.5	90.1	90.1	6.6	6.6	7.4		6		75				<0.2		2.0	
						7.8	0.2	131	22.1		8.0		31.5		90.1		6.6		7.4		5		75				<0.2		2.0	
SR2	Fine	Moderate	09:53	3.4	Surface	1.0	0.2	44	22.4	22.4	8.0	8.0	31.4	31.4	91.3	91.4	6.6	6.6	6.4	6.6	4	5	71	72	821453	814144	<0.2	<0.2	1.5	1.5
						1.0	0.2	47	22.4		8.0		31.4		91.4		6.6		6.4		5		72				<0.2		1.5	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.4	0.2	40	22.2	22.2	8.0	8.0	31.6	31.6	90.9	91.0	6.6	6.6	7.1		4		73				<0.2		1.5	
						2.4	0.2	43	22.2		8.0		31.6		91.0		6.6		6.6		5		73				<0.2		1.5	
SR3	Fine	Moderate	11:00	7.5	Surface	1.0	0.4	88	23.8	23.8	8.0	8.0	27.7	27.7	95.7	95.7	6.9	6.8	6.9	6.2	4	6	-	-	822141	807579	-	-	-	-
						1.0	0.4	92	23.8		8.0		27.7		95.6		6.9		6.9		6		-				-		-	
					Middle	3.8	0.4	60	22.2	22.2	8.0	8.0	30.6	30.6	91.9	92.0	6.7		6.2		5		-				-		-	
						3.8	0.4	60	22.2		8.0		30.6		92.1		6.7		6.2		7		-				-		-	
					Bottom	6.5	0.3	58	22.2	22.2	8.0	8.0	31.1	31.1	92.9	92.9	6.8	6.8	5.5		5		-				-		-	
						6.5	0.3	62	22.2		8.0		31.1		92.9		6.8		5.3		6		-				-		-	
SR4A	Sunny	Moderate	09:56	8.3	Surface	1.0	0.3	84	22.5	22.5	8.2	8.2	30.4	30.4	106.1	106.1	7.7	7.5	8.0	9.1	7	10	-	-	817186	807815	-	-	-	-
						1.0	0.3	88	22.5		8.2		30.4		106.0		7.7		8.3		7		-				-		-	
					Middle	4.2	0.2	78	22.0	22.0	8.2	8.2	32.2	32.2	99.5	99.5	7.2		8.8		6		-				-		-	
						4.2	0.2	82	22.0		8.2		32.2		99.4		7.2		9.0		6		-				-		-	
					Bottom	7.3	0.2	67	21.9	21.9	8.2	8.2	32.8	32.8	96.9	96.9	7.0	7.0	10.6		17		-				-		-	
						7.3	0.2	67	21.9		8.2		32.8		96.9		7.0		9.9		15		-				-		-	
SR5A	Sunny	Calm	09:37	4.1	Surface	1.0	0.0	46	23.6	23.6	8.1	8.1	31.0	31.0	96.6	96.6	6.9	6.9	11.6	14.7	8	8	-	-	816595	810710	-	-	-	-
						1.0	0.0	46	23.6		8.1		31.0		96.6		6.9		11.7		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	0.1	98	22.4	22.4	8.1	8.1	31.6	31.6	93.1	93.1	6.7	6.7	17.7		7		-				-		-	
						3.1	0.1	99	22.4		8.1		31.6		93.1		6.7		17.7		7		-				-		-	
SR6	Sunny	Calm	09:12	4.0	Surface	1.0	0.2	49	23.0	23.0	8.2	8.2	31.4	31.4	99.2	99.2	7.1	7.1	6.3	6.8	5	7	-	-	817886	814678	-	-	-	-
						1.0	0.2	49	23.0		8.2		31.4		99.2		7.1		6.6		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	0.2	58	22.4	22.4	8.1	8.1	31.5	31.5	96.4	96.5	7.0	7.0	7.1		6		-				-		-	
						3.0	0.2	62	22.4		8.1		31.5		96.5		7.0		7.3		8		-				-		-	
SR7	Fine	Moderate	08:54	19.8	Surface	1.0	0.1	47	22.3	22.3	8.0	8.0	33.0	33.0	89.2	89.2	6.4	6.4	4.1	5.0	7	7	-	-	823608	823770	-	-	-	-
						1.0	0.1	49	22.3		8.0		33.0		89.1		6.4		4.1		6		-				-		-	
					Middle	9.9	0.1	260	22.2	22.2	8.0	8.0	33.4	33.4	87.7	87.7	6.3		5.0		7		-				-		-	
						9.9	0.1	279	22.2		8.0		33.4		87.7		6.3		5.0		7		-				-		-	
					Bottom	18.8	0.1	33	22.1	22.1	8.0	8.0	33.6	33.6	88.2	88.2	6.3	6.3	5.8		7		-				-		-	
						18.8	0.1	34	22.1		8.0		33.6		88.2		6.3		5.8		9		-				-		-	
SR8	Fine	Calm	10:17	3.6	Surface	1.0	-	-	22.6	22.6	8.1	8.1	30.7	30.7	97.8	97.8	7.1	7.1	9.4	8.8	8	7	-	-	820246	811418	-	-	-	-
						1.0	-	-	22.6		8.1		30.7		97.7		7.1		9.5		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.6	-	-	22.4	22.4	8.1	8.1	31.0	31.0	95.9	95.9	7.0	7.0	8.1		6		-				-		-	
						2.6	-	-	22.4		8.1		31.0		95.8		7.0		8.0		7		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 10 April 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
C1	Sunny	Moderate	13:41	8.5	Surface	1.0	0.1	296	23.9	23.9	8.2	8.2	29.5	29.5	111.5	111.5	7.9	7.8	7.7	8.1	4	4	73	75	815616	804244	<0.2	<0.2	1.8	1.5
						1.0	0.1	311	23.9		8.2		29.5		111.5		8.0		7.9		4		73				<0.2		2.0	
					Middle	4.3	0.0	104	22.2	22.2	8.2	8.2	32.2	32.2	106.3	106.3	7.7		6.9		4		75				<0.2		1.8	
						4.3	0.0	110	22.2		8.2		32.2		106.2		7.7		7.1		3		75				<0.2		1.8	
					Bottom	7.5	0.0	118	22.0	22.0	8.2	8.2	32.8	32.8	103.7	103.8	7.5	7.5	9.5		4		77				<0.2		0.8	
						7.5	0.0	122	22.0		8.2		32.8		103.8		7.5		9.2		4		77				<0.2		0.8	
C2	Sunny	Moderate	12:40	11.4	Surface	1.0	0.2	186	23.4	23.4	8.0	8.0	27.8	27.8	95.0	95.1	6.9	6.7	8.0	8.3	5	6	72	74	825674	806954	<0.2	<0.2	2.6	2.6
						1.0	0.2	203	23.4		8.0		27.8		95.1		6.9		8.0		6		73				<0.2		2.6	
					Middle	5.7	0.1	235	22.2	22.2	8.0	8.0	31.1	31.1	88.8	88.7	6.5		6.1		5		73				<0.2		2.7	
						5.7	0.1	241	22.2		8.0		31.1		88.6		6.5		6.1		7		74				<0.2		2.4	
					Bottom	10.4	0.1	134	22.1	22.1	8.0	8.0	32.3	32.3	85.8	85.9	6.2	6.2	10.8		6		75				<0.2		2.5	
						10.4	0.1	140	22.1		8.0		32.3		85.9		6.2		10.8		6		75				<0.2		2.6	
C3	Sunny	Moderate	14:35	11.9	Surface	1.0	0.2	275	23.2	23.1	8.1	8.1	31.8	31.8	97.1	97.1	6.9	6.8	4.3	5.1	3	3	72	73	822082	817781	<0.2	<0.2	1.5	1.5
						1.0	0.2	288	23.1		8.1		31.8		97.1		6.9		4.3		3		72				<0.2		1.5	
					Middle	6.0	0.2	242	22.6	22.6	8.0	8.0	32.2	32.2	92.4	92.4	6.6		4.9		3		73				<0.2		1.8	
						6.0	0.2	261	22.6		8.0		32.2		92.4		6.6		4.9		3		73				<0.2		1.3	
					Bottom	10.9	0.2	298	22.3	22.3	8.0	8.0	33.0	33.0	92.8	92.9	6.7	6.7	6.1		2		75				<0.2		1.4	
						10.9	0.2	310	22.3		8.0		33.0		93.0		6.7		6.0		2		75				<0.2		1.4	
IM1	Sunny	Moderate	13:21	7.3	Surface	1.0	0.0	234	23.4	23.4	8.2	8.2	30.4	30.4	112.8	112.8	8.1	8.0	5.3	6.0	2	3	73	75	818351	806464	<0.2	<0.2	1.5	1.2
						1.0	0.0	246	23.4		8.2		30.4		112.7		8.1		5.3		2		73				<0.2		1.4	
					Middle	3.7	0.1	93	22.2	22.2	8.2	8.2	31.6	31.6	107.5	107.4	7.8		5.7		3		75				<0.2		1.3	
						3.7	0.1	97	22.2		8.2		31.7		107.3		7.8		6.0		3		75				<0.2		1.3	
					Bottom	6.3	-	311	22.0	22.0	8.2	8.2	32.8	32.7	101.3	101.3	7.3	7.3	7.0		3		78				<0.2		1.0	
						6.3	-	313	22.0		8.2		32.7		101.3		7.3		6.6		3		77				<0.2		0.9	
IM2	Sunny	Moderate	13:13	8.1	Surface	1.0	0.1	230	23.3	23.3	8.2	8.2	30.4	30.4	111.4	111.4	8.0	7.9	6.5	7.2	3	2	74	76	818826	806171	<0.2	<0.2	1.4	1.3
						1.0	0.1	236	23.3		8.2		30.5		111.3		8.0		6.5		3		73				<0.2		1.5	
					Middle	4.1	0.0	0	22.1	22.1	8.2	8.2	31.8	31.8	106.6	106.6	7.7		6.9		2		75				<0.2		1.3	
						4.1	0.0	0	22.1		8.2		31.8		106.5		7.7		6.9		2		76				<0.2		1.6	
					Bottom	7.1	0.0	12	22.0	22.0	8.2	8.2	32.7	32.7	101.9	101.9	7.4	7.4	8.4		2		77				<0.2		1.0	
						7.1	0.0	12	22.0		8.2		32.7		101.9		7.4		8.1		2		78				<0.2		1.1	
IM3	Sunny	Moderate	13:08	8.3	Surface	1.0	0.1	220	23.2	23.2	8.2	8.2	29.9	29.9	108.7	108.7	7.8	7.7	7.5	6.5	3	4	73	75	819431	806026	<0.2	<0.2	1.9	1.5
						1.0	0.1	228	23.2		8.2		29.9		108.7		7.8		7.5		3		74				<0.2		2.0	
					Middle	4.2	0.0	17	22.0	22.0	8.2	8.2	32.0	32.0	104.5	104.5	7.6		6.5		3		75				<0.2		1.4	
						4.2	0.0	18	22.0		8.2		32.0		104.5		7.6		6.7		4		75				<0.2		1.6	
					Bottom	7.3	0.1	84	22.0	22.0	8.2	8.2	32.7	32.7	103.5	103.5	7.5	7.5	5.7		5		77				<0.2		1.1	
						7.3	0.1	87	22.0		8.2		32.7		103.5		7.5		5.2		7		77				<0.2		1.2	
IM4	Sunny	Moderate	13:01	7.5	Surface	1.0	0.1	189	23.2	23.2	8.2	8.2	29.7	29.6	107.2	107.3	7.7	7.7	7.9	7.5	2	4	74	76	819547	805042	<0.2	<0.2	1.8	1.5
						1.0	0.1	202	23.2		8.2		29.6		107.4		7.7		8.6		2		74				<0.2		2.0	
					Middle	3.8	0.0	95	22.1	22.1	8.2	8.2	32.2	32.2	106.3	106.3	7.7		7.1		4		76				<0.2		1.6	
						3.8	0.0	101	22.1		8.2		32.2		106.2		7.7		7.2		4		76				<0.2		1.4	
					Bottom	6.5	0.0	44	22.0	22.0	8.2	8.2	32.6	32.6	104.5	104.5	7.6	7.6	7.0		6		77				<0.2		1.1	
						6.5	0.0	46	22.0		8.2		32.6		104.4		7.6		7.2		4		78				<0.2		1.0	
IM5	Sunny	Moderate	12:53	6.8	Surface	1.0	0.1	219	23.2	23.2	8.1	8.1	28.9	28.9	103.9	103.9	7.5	7.5	8.5	8.7	3	3	73	75	820563	804915	<0.2	<0.2	2.0	1.7
						1.0	0.2	220	23.2		8.1		28.9		103.9		7.5		8.5		3		74				<0.2		2.0	
					Middle	3.4	0.1	246	22.2	22.2	8.2	8.2	31.0	31.0	101.5	101.5	7.4		8.3		3		75				<0.2		2.0	
						3.4	0.1	249	22.2		8.2		31.0		101.5		7.4		8.5		3		76				<0.2		1.8	
					Bottom	5.8	0.0	7	22.1	22.1	8.2	8.2	32.4	32.4	100.1	100.1	7.2	7.2	9.2		3		77				<0.2		1.2	
						5.8	0.0	7	22.1		8.2		32.4		100.0		7.2		9.4		4		77				<0.2		1.2	
IM6	Sunny	Moderate	12:45	6.7	Surface	1.0	0.3	30	23.4	23.4	8.1	8.1	29.2	29.2	104.3	104.3	7.5	7.5	8.9	9.7	4	4	73	75	821037	805821	<0.2	<0.2	2.1	1.7
						1.0	0.3	32	23.4		8.1		29.2		104.3		7.5		9.1		3		74				<0.2		2.2	
					Middle	3.4	0.2	18	22.3	22.3	8.2	8.2	30.8	30.8	101.4	101.4	7.4		8.7		4		75				<0.2		1.8	
						3.4	0.2	19	22.3		8.2		30.8		101.4		7.4		8.9		5		76				<0.2		1.7	
					Bottom	5.7	0.3	24	22.1	22.1	8.2	8.2	31.9	31.9	99.8	99.8	7.2	7.2	11.2		4		77				<0.2		1.2	
						5.7	0.3	25	22.1		8.2		31.9		99.8		7.2		11.5		4		77				<0.2		1.2	
IM7	Sunny	Moderate	12:38	8.2	Surface	1.0	0.1	193	23.5	23.5	8.1	8.1	28.7	28.7	102.3	102.4	7.4	7.4	7.3	7.7	3	3	73	75	821351	806812	<0.2	<0.2	2.3	1.8
						1.0	0.1	204	23.5		8.1		28.7		102.4		7.4		7.4		2		73				<0.2		3.0	
					Middle	4.1	0.1	148	22.3	22.3	8.2	8.2	30.8	30.8	101.8	101.8	7.4		7.9		3		75				<0.2		1.5	
						4.1	0.1	156	22.3		8.2		30.8		101.7		7.4		7.8		3		75				<0.2		1.7	
					Bottom	7.2	0.1	88	22.1	22.1	8.2	8.2	32.0	32.0	99.1	99.1	7.2	7.2	8.1		3		77				<0.2		1.2	
						7.2	0.1	90	22.1		8.2		32.0		99.1		7.2		7.7		2		77				<0.2		1.2	
IM8	Sunny	Moderate	13:05	7.9	Surface	1.0	0.1	203	23.6	23.6	8.0	8.0	28.5	28.5	97.8	97.7	7.0	7.0	6.7	6.2	3	3	71	74	821698	807830	<0.2	<0.2	2.6	2.6
						1.0	0.2	219	23.6		8.0		28.5		97.6		7.0		6.8		2		72				<0.2		2.5	
					Middle	4.0	0.0	306	22.4	22.4	8.0	8.0	30.3	30.3	95.7	95.7	7.0		6.1		2		73				<0.2		2.5	
						4.0	0.0	322	22.4		8.0		30.3		95.7		7.0		6.1		3		74				<0.2		2.7	
					Bottom	6.9	0.1	20	22.1	22.1	8.1	8.1	31.5	31.5	98.2	97.8	7.1	7.1	5.6		3		75				<0.2		2.6	
						6.9	0.1	21	22.1		8.1		31.5		97.4		7.1		5.8		4		76				<0.2		2.7	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 10 April 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
IM9	Sunny	Moderate	13:13	7.0	Surface	1.0	0.1	217	23.5	23.5	8.0	8.0	28.7	28.7	97.0	97.0	7.0	7.0	6.9	7.1	2	3	71	73	822077	808824	<0.2	<0.2	2.7	2.8
						1.0	0.1	233	23.5		8.0		28.7		96.9		7.0		6.9		3		72				<0.2		2.8	
					Middle	3.5	0.2	164	22.3	22.3	8.1	8.1	30.8	30.8	95.5	95.5	6.9		7.1		3		73				<0.2		2.8	
						3.5	0.2	177	22.3		8.1		30.8		95.4		6.9		7.1		4		74				<0.2		2.8	
					Bottom	6.0	0.1	86	22.2	22.2	8.1	8.1	31.0	31.0	95.4	95.4	6.9	6.9	7.1		4		75				<0.2		2.8	
						6.0	0.1	93	22.2		8.1		31.0		95.4		6.9		7.2		2		75				<0.2		2.8	
IM10	Sunny	Moderate	13:20	6.5	Surface	1.0	0.1	163	23.9	23.9	8.0	8.0	28.7	28.7	99.0	98.9	7.1	7.0	6.6	7.2	3	5	72	75	822253	809840	<0.2	<0.2	2.5	2.5
						1.0	0.1	175	23.8		8.0		28.7		98.8		7.1		6.7		4		73				<0.2		2.5	
					Middle	3.3	0.1	121	22.4	22.4	8.1	8.1	30.6	30.6	94.7	94.7	6.9		7.3		4		75				<0.2		2.7	
						3.3	0.2	130	22.4		8.1		30.6		94.6		6.9		7.4		6		75				<0.2		2.5	
					Bottom	5.5	0.1	76	22.3	22.3	8.0	8.0	30.8	30.8	94.2	94.3	6.9	6.9	7.7		7		76				<0.2		2.5	
						5.5	0.1	82	22.3		8.0		30.8		94.4		6.9		7.3		8		76				<0.2		2.3	
IM11	Sunny	Moderate	13:33	7.8	Surface	1.0	0.1	173	22.9	22.9	8.0	8.0	29.8	29.8	97.7	97.7	7.1	7.1	6.4	7.1	4	4	73	75	821475	810521	<0.2	<0.2	2.5	2.4
						1.0	0.1	178	22.9		8.0		29.8		97.7		7.1		6.4		3		73				<0.2		2.4	
					Middle	3.9	0.1	313	22.5	22.5	8.1	8.1	30.3	30.3	97.1	97.1	7.1		7.3		5		76				<0.2		2.4	
						3.9	0.1	342	22.5		8.1		30.3		97.1		7.1		7.3		3		76				<0.2		2.4	
					Bottom	6.8	0.1	337	22.5	22.5	8.1	8.1	30.6	30.6	96.1	96.1	7.0	7.0	7.7		3		76				<0.2		2.4	
						6.8	0.1	342	22.5		8.1		30.6		96.0		7.0		7.6		3		76				<0.2		2.4	
IM12	Sunny	Moderate	13:42	8.7	Surface	1.0	0.2	139	23.0	23.0	8.1	8.1	29.9	29.9	99.7	99.7	7.2	7.1	7.1	7.7	5	5	73	75	821155	811494	<0.2	<0.2	2.6	2.6
						1.0	0.2	152	23.1		8.1		29.9		99.6		7.2		7.1		6		74				<0.2		2.6	
					Middle	4.4	0.1	121	22.4	22.4	8.2	8.2	30.9	30.9	95.9	95.9	7.0		8.2		4		75				<0.2		2.5	
						4.4	0.1	130	22.4		8.2		30.9		95.9		7.0		8.3		6		75				<0.2		2.6	
					Bottom	7.7	0.0	6	22.3	22.3	8.1	8.1	31.3	31.3	94.2	94.2	6.8	6.8	7.6		5		76				<0.2		2.5	
						7.7	0.0	6	22.3		8.1		31.3		94.2		6.8		7.7		5		77				<0.2		2.5	
SR2	Sunny	Moderate	14:11	3.3	Surface	1.0	0.0	303	23.4	23.4	8.1	8.1	30.3	30.3	100.6	100.6	7.2	7.2	6.4	6.6	<2	4	71	73	821433	814193	<0.2	<0.2	1.8	1.6
						1.0	0.0	315	23.4		8.1		30.3		100.6		7.2		6.5		<2		72				<0.2		1.8	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.3	0.1	295	23.0	23.0	8.1	8.1	30.6	30.6	98.0	98.0	7.1	7.1	6.8		4		74				<0.2		1.5	
						2.3	0.1	295	23.0		8.1		30.6		97.9		7.0		6.8		6		74				<0.2		1.4	
SR3	Sunny	Moderate	13:00	8.7	Surface	1.0	0.2	192	23.9	23.9	8.0	8.0	28.6	28.6	97.0	96.9	7.0	6.9	6.7	6.8	3	5	-	-	822157	807557	-	-	-	-
						1.0	0.2	197	23.8		8.0		28.6		96.8		6.9		6.8		4		-				-		-	
					Middle	4.4	0.1	10	22.2	22.2	8.1	8.1	31.0	31.0	94.8	95.0	6.9		7.2		6		-				-		-	
						4.4	0.1	10	22.2		8.1		31.0		95.2		6.9		7.4		4		-				-		-	
					Bottom	7.7	0.1	24	22.1	22.1	8.1	8.1	31.9	31.8	95.5	95.5	6.9	6.9	6.5		8		-				-		-	
						7.7	0.1	24	22.1		8.1		31.8		95.4		6.9		6.4		7		-				-		-	
SR4A	Sunny	Calm	14:03	9.2	Surface	1.0	0.1	82	22.5	22.5	8.2	8.2	30.5	30.5	107.5	107.5	7.8	7.6	7.9	8.7	9	10	-	-	817172	807834	-	-	-	-
						1.0	0.1	84	22.5		8.2		30.5		107.4		7.8		7.9		8		-				-		-	
					Middle	4.6	0.1	63	21.9	21.9	8.2	8.2	32.2	32.2	100.8	100.8	7.3		9.2		11		-				-		-	
						4.6	0.1	63	21.9		8.2		32.2		100.7		7.3		9.3		10		-				-		-	
					Bottom	8.2	0.0	265	21.9	21.9	8.2	8.2	32.7	32.7	99.0	99.1	7.2	7.2	8.8		10		-				-		-	
						8.2	0.0	267	21.9		8.2		32.7		99.1		7.2		9.0		9		-				-		-	
SR5A	Sunny	Calm	14:22	5.4	Surface	1.0	0.1	356	23.7	23.7	8.1	8.1	31.0	31.0	97.7	97.7	6.9	6.9	9.0	9.3	8	8	-	-	816576	810707	-	-	-	-
						1.0	0.1	328	23.7		8.1		31.0		97.6		6.9		9.1		9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.4	0.1	345	22.5	22.5	8.1	8.1	31.4	31.4	93.3	93.4	6.7	6.7	9.6		8		-				-		-	
						4.4	0.2	346	22.6		8.1		31.4		93.4		6.7		9.5		8		-				-		-	
SR6	Sunny	Calm	14:47	4.5	Surface	1.0	0.0	215	23.0	23.0	8.2	8.2	31.4	31.4	99.4	99.4	7.1	7.1	9.4	7.8	5	7	-	-	817911	814682	-	-	-	-
						1.0	0.0	222	23.0		8.2		31.4		99.4		7.1		9.2		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.1	227	22.5	22.5	8.1	8.1	31.4	31.4	97.3	97.4	7.0	7.0	6.3		9		-				-		-	
						3.5	0.1	248	22.5		8.1		31.4		97.4		7.0		6.1		10		-				-		-	
SR7	Sunny	Moderate	15:10	17.5	Surface	1.0	0.1	209	22.6	22.6	8.1	8.1	33.1	33.1	92.1	92.1	6.6	6.6	4.0	4.1	6	7	-	-	823621	823728	-	-	-	-
						1.0	0.1	213	22.6		8.1		33.1		92.1		6.6		4.0		6		-				-		-	
					Middle	8.8	0.1	134	22.5	22.5	8.1	8.1	33.2	33.2	90.4	90.4	6.5		4.0		6		-				-		-	
						8.8	0.1	136	22.5		8.1		33.2		90.3		6.5		4.0		6		-				-		-	
					Bottom	16.5	0.1	50	22.4	22.4	8.0	8.0	33.3	33.3	90.4	90.4	6.5	6.5	4.3		8		-				-		-	
						16.5	0.1	54	22.4		8.0		33.3		90.4		6.5		4.3		9		-				-		-	
SR8	Sunny	Calm	13:50	5.8	Surface	1.0	-	-	23.6	23.6	8.2	8.2	30.6	30.6	101.6	101.6	7.2	7.2	9.5	9.1	9	9	-	-	820372	811422	-	-	-	-
						1.0	-	-	23.6		8.2		30.6		101.5		7.2		9.5		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.8	-	-	23.0	23.0	8.1	8.1	30.8	30.8	98.3	98.3	7.1	7.1	8.6		9		-				-		-	
						4.8	-	-	23.0		8.1		30.8		98.3		7.1		8.6		8		-				-		-	

DA: Depth-Averaged
Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**
Note: Access to SR8 was blocked by barge and its wires. The monitoring at SR8 was slightly shifted to the closest safe and accessible location temporarily.

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 12 April 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
C1	Fine	Moderate	11:46	8.1	Surface	1.0	0.2	215	23.7	23.7	8.4	8.4	28.6	28.6	126.8	126.6	9.3	8.3	10.2	12.0	10	9	71	73	815627	804222	<0.2	<0.2	1.9	1.4
						1.0	0.2	216	23.7		8.4		28.6		126.4		9.2		10.2		10		72				<0.2		1.8	
					Middle	4.1	0.2	182	22.4	22.4	8.2	8.2	31.5	31.5	100.9	100.9	7.3		9.9		10		73				<0.2		1.5	
						4.1	0.2	190	22.4		8.2		31.5		100.9		7.3		9.9		8		73				<0.2		1.7	
					Bottom	7.1	0.1	198	22.2	22.2	8.2	8.2	32.5	32.5	101.1	101.2	7.3	7.3	15.9		9		75				<0.2		0.8	
						7.1	0.1	198	22.2		8.2		32.5		101.2		7.3		16.0		8		76				<0.2		0.9	
C2	Cloudy	Moderate	12:37	11.4	Surface	1.0	0.4	165	24.2	24.2	8.1	8.1	24.7	24.7	105.3	105.2	7.7	7.2	10.2	11.7	7	7	73	75	825673	806918	<0.2	<0.2	2.6	2.1
						1.0	0.4	177	24.2		8.1		24.7		105.1		7.7		10.2		7		73				<0.2		2.5	
					Middle	5.7	0.3	170	23.2	23.2	8.0	8.0	28.9	28.9	91.1	91.1	6.6		9.3		6		75				<0.2		2.1	
						5.7	0.4	176	23.2		8.0		28.9		91.1		6.6		9.3		7		75				<0.2		1.9	
					Bottom	10.4	0.4	151	22.8	22.8	8.0	8.0	31.4	31.4	87.8	87.9	6.3	6.3	15.6		8		77				<0.2		1.8	
						10.4	0.4	161	22.8		8.0		31.4		88.0		6.3		15.6		7		77				<0.2		1.9	
C3	Cloudy	Moderate	10:34	12.2	Surface	1.0	0.2	75	23.4	23.4	8.1	8.1	30.1	30.1	98.9	98.9	7.1	6.9	6.5	7.1	4	5	73	75	822127	817807	<0.2	<0.2	1.2	0.8
						1.0	0.2	75	23.4		8.1		30.1		98.8		7.1		6.5		3		73				<0.2		1.1	
					Middle	6.1	0.2	112	22.9	22.9	8.0	8.0	31.9	31.9	91.8	91.8	6.6		6.7		4		75				<0.2		0.9	
						6.1	0.2	118	22.9		8.0		31.9		91.7		6.6		6.7		4		75				<0.2		0.8	
					Bottom	11.2	0.2	83	22.6	22.6	8.0	8.0	32.7	32.7	89.0	89.0	6.4	6.4	8.1		7		77				<0.2		0.3	
						11.2	0.3	89	22.6		8.0		32.7		89.0		6.4		8.1		5		76				<0.2		0.4	
IM1	Fine	Moderate	12:05	7.2	Surface	1.0	0.3	189	23.2	23.2	8.3	8.3	28.8	28.8	111.6	111.5	8.1	7.8	11.5	11.1	8	8	72	74	818373	806466	<0.2	<0.2	1.9	1.9
						1.0	0.3	207	23.2		8.3		28.8		111.4		8.1		10.9		9		72				<0.2		1.7	
					Middle	3.6	0.2	174	22.8	22.8	8.2	8.2	30.1	30.1	102.0	102.0	7.4		11.5		8		73				<0.2		1.9	
						3.6	0.2	184	22.8		8.2		30.1		101.9		7.4		11.2		8		73				<0.2		1.9	
					Bottom	6.2	0.1	168	22.5	22.5	8.2	8.2	31.2	31.2	100.4	100.4	7.3	7.3	10.8		8		76				<0.2		1.9	
						6.2	0.1	170	22.5		8.2		31.2		100.4		7.3		10.7		8		76				<0.2		1.8	
IM2	Fine	Moderate	12:10	8.2	Surface	1.0	0.1	237	23.7	23.7	8.3	8.3	27.3	27.3	115.7	115.7	8.4	8.1	8.5	10.3	9	9	72	74	818860	806185	<0.2	<0.2	1.8	1.9
						1.0	0.1	245	23.7		8.3		27.3		115.7		8.4		8.6		8		72				<0.2		1.8	
					Middle	4.1	0.1	234	23.1	23.1	8.2	8.2	29.4	29.4	106.2	106.2	7.7		9.8		10		74				<0.2		1.9	
						4.1	0.1	255	23.1		8.3		29.4		106.1		7.7		10.0		9		74				<0.2		1.8	
					Bottom	7.2	0.0	154	22.5	22.5	8.2	8.2	31.1	31.1	101.2	101.2	7.3	7.3	12.3		8		75				<0.2		2.0	
						7.2	0.0	167	22.5		8.2		31.1		101.1		7.3		12.6		8		75				<0.2		1.8	
IM3	Fine	Moderate	12:24	8.1	Surface	1.0	0.1	221	23.8	23.8	8.4	8.4	26.1	26.1	129.0	128.3	9.4	8.4	9.4	11.6	9	9	72	74	819411	806046	<0.2	<0.2	2.0	2.1
						1.0	0.1	226	23.8		8.4		26.1		127.5		9.3		9.2		8		72				<0.2		2.0	
					Middle	4.1	0.2	222	22.9	22.9	8.2	8.2	29.4	29.4	102.3	102.3	7.4		12.4		8		73				<0.2		2.0	
						4.1	0.2	235	22.9		8.2		29.4		102.2		7.4		12.3		8		74				<0.2		2.0	
					Bottom	7.1	0.2	210	22.8	22.8	8.2	8.2	30.1	30.1	101.6	101.6	7.4	7.4	13.1		9		75				<0.2		2.2	
						7.1	0.2	230	22.8		8.2		30.1		101.6		7.4		13.3		11		75				<0.2		2.1	
IM4	Fine	Moderate	12:30	7.5	Surface	1.0	0.1	230	23.8	23.8	8.4	8.4	25.2	25.2	133.8	133.1	9.8	8.6	10.5	12.6	9	9	72	74	819567	805047	<0.2	<0.2	2.1	1.9
						1.0	0.1	235	23.8		8.4		25.2		132.3		9.7		10.4		9		72				<0.2		1.9	
					Middle	3.8	0.2	209	22.9	22.9	8.2	8.2	29.1	29.1	103.1	103.0	7.5		11.5		9		74				<0.2		1.9	
						3.8	0.2	211	22.9		8.2		29.1		102.8		7.5		12.0		10		74				<0.2		1.7	
					Bottom	6.5	0.1	187	22.7	22.7	8.2	8.2	30.5	30.5	100.5	100.7	7.3	7.3	15.5		9		77				<0.2		1.9	
						6.5	0.2	197	22.7		8.2		30.5		100.8		7.3		15.4		8		77				<0.2		1.8	
IM5	Fine	Moderate	12:40	6.6	Surface	1.0	0.3	183	23.9	23.9	8.4	8.4	25.7	25.7	128.0	127.2	9.3	8.2	10.3	11.3	9	9	72	74	820584	804922	<0.2	<0.2	1.9	1.8
						1.0	0.3	193	23.9		8.4		25.7		126.3		9.2		9.9		8		73				<0.2		1.7	
					Middle	3.3	0.3	176	22.9	22.9	8.2	8.2	28.5	28.5	99.2	99.3	7.2		12.2		10		73				<0.2		1.8	
						3.3	0.4	193	22.9		8.2		28.5		99.3		7.2		12.2		8		73				<0.2		1.5	
					Bottom	5.6	0.3	170	22.9	22.9	8.2	8.2	29.8	29.8	98.9	98.9	7.2	7.2	11.6		9		76				<0.2		1.8	
						5.6	0.3	176	22.9		8.2		29.8		98.9		7.2		11.6		9		77				<0.2		2.0	
IM6	Fine	Moderate	12:48	6.5	Surface	1.0	0.3	171	23.7	23.7	8.4	8.4	25.9	25.9	125.4	124.6	9.2	8.3	10.8	11.6	9	9	72	74	821050	805798	<0.2	<0.2	1.8	1.8
						1.0	0.3	172	23.7		8.4		25.9		123.7		9.0		10.4		8		73				<0.2		2.0	
					Middle	3.3	0.3	184	23.1	23.1	8.2	8.2	28.1	28.1	101.1	101.2	7.4		10.9		9		73				<0.2		1.7	
						3.3	0.3	186	23.1		8.2		28.1		101.2		7.4		11.4		8		73				<0.2		1.7	
					Bottom	5.5	0.2	200	23.0	23.0	8.2	8.2	28.5	28.6	100.6	100.8	7.3	7.3	13.4		9		75				<0.2		1.8	
						5.5	0.2	213	23.0		8.2		28.6		100.9		7.3		12.8		9		76				<0.2		1.8	
IM7	Fine	Moderate	12:55	8.1	Surface	1.0	0.1	149	23.3	23.3	8.2	8.2	27.0	27.0	97.2	96.9	7.1	7.0	9.8	11.0	9	9	72	73	821376	806851	<0.2	<0.2	1.7	1.8
						1.0	0.1	154	23.3		8.2		27.0		96.5		7.1		9.6		10		72				<0.2		1.6	
					Middle	4.1	0.1	182	23.1	23.1	8.1	8.1	28.7	28.7	94.5	94.6	6.9		10.8		9		73				<0.2		1.9	
						4.1	0.1	194	23.1		8.1		28.7		94.7		6.9		11.2		8		73				<0.2		1.8	
					Bottom	7.1	0.1	171	22.9	22.9	8.1	8.1	29.1	29.1	96.0	96.1	7.0	7.0	12.3		8		75				<0.2		2.1	
						7.1	0.1	180	22.9		8.2		29.1		96.1		7.0		12.5		8		75				<0.2		1.9	
IM8	Cloudy	Moderate	12:10	8.0	Surface	1.0	0.1	179	23.4	23.4	8.1	8.1	26.2	26.2	105.3	105.3	7.7	7.4	10.2	10.6	8	7	73	75	821668	807822	<0.2	<0.2	1.8	1.7
						1.0	0.1	191	23.4		8.1		26.2		105.2		7.7		10.2		8		73				<0.2		1.8	
					Middle	4.0	0.2	189	23.2	23.2	8.1	8.1	28.3	28.3	97.9	98.0	7.1		11.0		7		75				<0.2		1.9	
						4.0	0.2	207	23.2		8.1		28.3		98.0		7.1		11.0		6		75				<0.2		1.8	
					Bottom	7.0	0.1	159	23.1	23.1	8.1	8.1	28.6	28.6	99.3	99.3	7.2	7.2	10.5		8		77				<0.2		1.5	
						7.0	0.1	171	23.1		8.1		28.6		99.2		7.2		10.5		7		77				<0.2		1.6	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 12 April 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
IM9	Cloudy	Moderate	12:02	6.9	Surface	1.0	0.3	124	23.4	23.4	8.1	8.1	26.8	26.8	101.2	101.2	7.4	7.3	11.2	12.3	9	8	73	75	822080	808783	<0.2	<0.2	2.1	1.9
						1.0	0.3	124	23.4		8.1		26.8		101.1		7.4		11.2		8		73				<0.2		2.2	
					Middle	3.5	0.2	129	23.1	23.1	8.1	8.1	28.3	28.3	97.6	97.7	7.1		12.9		7		75				<0.2		1.8	
						3.5	0.2	141	23.1		8.1		28.3		97.7		7.1		12.9		8		75				<0.2		1.7	
					Bottom	5.9	0.2	97	23.1	23.1	8.1	8.1	28.6	28.6	98.5	98.5	7.2	7.2	12.9		9		77				<0.2		1.7	
						5.9	0.2	104	23.1		8.1		28.6		98.5		7.2		12.9		9		77				<0.2		1.8	
IM10	Cloudy	Moderate	11:54	7.5	Surface	1.0	0.4	128	23.8	23.8	8.1	8.1	24.9	24.9	103.2	103.2	7.6	7.3	10.3	11.4	7	7	73	75	822225	809840	<0.2	<0.2	2.4	2.2
						1.0	0.4	131	23.8		8.1		24.9		103.1		7.6		10.3		7		73				<0.2		2.3	
					Middle	3.8	0.4	117	23.2	23.2	8.1	8.1	28.0	28.0	96.5	96.5	7.0		11.3		6		75				<0.2		2.5	
						3.8	0.4	127	23.2		8.1		28.0		96.5		7.0		11.3		7		75				<0.2		2.3	
					Bottom	6.5	0.3	118	23.2	23.2	8.1	8.1	28.2	28.2	96.7	96.7	7.0	7.0	12.7		9		76				<0.2		2.1	
						6.5	0.3	128	23.2		8.1		28.2		96.7		7.0		12.6		7		77				<0.2		1.8	
IM11	Cloudy	Moderate	11:39	7.4	Surface	1.0	0.3	115	23.8	23.8	8.2	8.2	26.1	26.1	112.9	112.9	8.2	7.9	11.6	11.8	10	11	73	75	821482	810544	<0.2	<0.2	1.8	1.6
						1.0	0.4	125	23.8		8.2		26.1		112.8		8.2		11.6		10		73				<0.2		1.9	
					Middle	3.7	0.4	107	23.5	23.5	8.2	8.2	27.3	27.3	105.2	105.2	7.6		12.1		10		75				<0.2		1.7	
						3.7	0.4	112	23.5		8.2		27.3		105.1		7.6		12.1		10		75				<0.2		1.6	
					Bottom	6.4	0.2	116	23.2	23.2	8.1	8.1	28.9	28.9	99.5	99.5	7.2	7.2	11.7		12		77				<0.2		1.3	
						6.4	0.2	124	23.2		8.1		28.9		99.5		7.2		11.7		12		77				<0.2		1.4	
IM12	Cloudy	Moderate	11:29	8.7	Surface	1.0	0.4	78	23.9	23.9	8.3	8.3	25.3	25.3	119.6	119.5	8.7	7.9	14.4	13.5	15	16	73	75	821158	811522	<0.2	<0.2	1.6	1.7
						1.0	0.4	79	23.9		8.3		25.3		119.3		8.7		14.4		14		73				<0.2		1.6	
					Middle	4.4	0.3	98	23.3	23.3	8.1	8.1	28.1	28.1	97.0	97.0	7.0		14.7		17		75				<0.2		1.5	
						4.4	0.4	105	23.3		8.1		28.2		96.9		7.0		14.7		16		75				<0.2		1.7	
					Bottom	7.7	0.2	93	23.1	23.1	8.0	8.0	29.8	29.8	92.6	92.7	6.7	6.7	11.4		16		77				<0.2		1.8	
						7.7	0.2	94	23.1		8.0		29.8		92.7		6.7		11.4		17		76				<0.2		1.8	
SR2	Cloudy	Moderate	10:59	4.4	Surface	1.0	0.3	90	23.3	23.3	8.1	8.1	29.5	29.5	96.5	96.5	7.0	7.0	9.6	11.1	8	7	73	74	821436	814173	<0.2	<0.2	2.1	1.8
						1.0	0.3	94	23.3		8.1		29.5		96.5		7.0		9.7		7		73				<0.2		2.1	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.4	0.1	78	23.1	23.1	8.0	8.0	30.1	30.1	94.8	94.9	6.8	6.8	12.4		7		75				<0.2		1.5	
						3.4	0.1	82	23.1		8.0		30.1		94.9		6.8		12.5		7		75				<0.2		1.3	
SR3	Cloudy	Moderate	12:16	8.8	Surface	1.0	0.0	177	23.5	23.5	8.1	8.1	25.7	25.7	101.3	101.2	7.4	7.0	10.5	12.3	7	8	-	-	822168	807572	-	-	-	-
						1.0	0.0	190	23.5		8.1		25.7		101.0		7.4		10.5		8		-				-		-	
					Middle	4.4	0.2	164	23.0	23.0	8.0	8.0	28.8	28.8	91.1	91.2	6.6		12.7		8		-				-		-	
						4.4	0.2	166	23.0		8.0		28.8		91.2		6.6		12.7		6		-				-		-	
					Bottom	7.8	0.1	178	23.0	23.0	8.0	8.0	29.6	29.6	90.0	90.1	6.5	6.5	13.6		10		-				-		-	
						7.8	0.1	187	23.0		8.0		29.6		90.1		6.5		13.6		10		-				-		-	
SR4A	Fine	Calm	11:27	8.6	Surface	1.0	0.1	64	23.3	23.3	8.3	8.3	28.4	28.4	108.1	108.0	7.8	7.6	11.8	16.0	11	11	-	-	817177	807803	-	-	-	-
						1.0	0.1	69	23.3		8.3		28.4		107.8		7.8		11.8		10		-				-		-	
					Middle	4.3	0.1	55	22.6	22.6	8.2	8.2	30.3	30.3	101.5	101.5	7.4		17.2		10		-				-		-	
						4.3	0.2	58	22.6		8.2		30.3		101.5		7.4		17.3		9		-				-		-	
					Bottom	7.6	0.2	83	22.6	22.6	8.2	8.2	30.3	30.3	101.6	101.6	7.4	7.4	18.8		12		-				-		-	
						7.6	0.2	89	22.6		8.2		30.3		101.6		7.4		19.0		11		-				-		-	
SR5A	Fine	Calm	11:09	5.0	Surface	1.0	0.1	94	23.7	23.7	8.3	8.3	27.5	27.5	109.1	109.0	7.9	7.9	9.7	9.5	10	9	-	-	816577	810710	-	-	-	-
						1.0	0.1	100	23.7		8.3		27.4		108.8		7.9		9.8		9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.0	0.1	46	23.7	23.7	8.2	8.2	28.8	28.8	104.7	104.7	7.5	7.5	9.2		8		-				-		-	
						4.0	0.1	47	23.7		8.2		28.8		104.7		7.5		9.3		10		-				-		-	
SR6	Fine	Calm	10:45	4.0	Surface	1.0	0.1	67	23.6	23.6	8.1	8.1	29.0	29.0	103.5	103.5	7.4	7.4	7.6	7.9	8	7	-	-	817870	814669	-	-	-	-
						1.0	0.1	68	23.6		8.1		29.0		103.4		7.4		7.8		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	0.1	55	23.5	23.5	8.1	8.1	29.1	29.1	101.9	101.9	7.3	7.3	8.0		6		-				-		-	
						3.0	0.1	56	23.5		8.1		29.1		101.8		7.3		8.1		6		-				-		-	
SR7	Cloudy	Moderate	09:59	18.6	Surface	1.0	0.3	49	23.0	23.0	8.0	8.0	31.7	31.7	92.8	92.8	6.6	6.5	6.7	7.7	4	4	-	-	823643	823748	-	-	-	-
						1.0	0.3	51	23.0		8.0		31.7		92.7		6.6		6.7		3		-				-		-	
					Middle	9.3	0.2	73	22.6	22.6	8.0	8.0	33.0	33.0	89.0	89.0	6.4		8.2		4		-				-		-	
						9.3	0.2	73	22.6		8.0		33.0		89.0		6.4		8.2		4		-				-		-	
					Bottom	17.6	0.0	52	22.6	22.6	8.0	8.0	32.9	32.9	89.3	89.3	6.4	6.4	8.4		6		-				-		-	
						17.6	0.0	53	22.6		8.0		32.9		89.3		6.4		8.2		5		-				-		-	
SR8	Cloudy	Moderate	11:20	4.1	Surface	1.0	-	-	23.9	23.9	8.2	8.2	26.9	26.9	109.3	109.3	7.9	7.9	12.5	16.4	6	7	-	-	820246	811418	-	-	-	-
						1.0	-	-	23.9		8.2		26.9		109.2		7.9		12.5		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	-	-	23.7	23.7	8.1	8.1	27.8	27.8	105.3	105.3	7.6	7.6	20.3		7		-				-		-	
						3.1	-	-	23.7		8.1		27.8		105.3		7.6		20.4		9		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 12 April 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
C1	Cloudy	Moderate	15:56	8.6	Surface	1.0	0.2	77	23.8	23.8	8.4	8.4	27.2	27.2	145.2	145.2	10.5	9.0	7.6	11.1	10	10	72	75	815628	804261	<0.2	<0.2	1.2	1.2
						1.0	0.2	84	23.8		8.4		27.2		145.2		10.5		7.7			10	73				<0.2		1.3	
					Middle	4.3	0.1	30	22.7	22.7	8.2	8.2	30.5	30.5	103.1	103.1	7.5		10.8			9	75				<0.2		1.5	
						4.3	0.1	30	22.7		8.2		30.5		103.0		7.5		10.9			10	75				<0.2		1.3	
					Bottom	7.6	0.2	21	22.3	22.3	8.2	8.2	32.1	32.1	101.4	101.5	7.3	7.3	14.8			12	76				<0.2		1.0	
						7.6	0.2	22	22.3		8.2		32.1		101.5		7.3		14.7			10	76				<0.2		1.1	
C2	Cloudy	Moderate	14:52	11.1	Surface	1.0	0.5	164	23.3	23.2	8.0	8.0	25.8	25.8	93.5	93.5	6.9	6.8	11.7	10.8	11	11	73	75	825656	806967	<0.2	<0.2	2.3	1.9
						1.0	0.5	171	23.2		8.0		25.8		93.5		6.9		11.7			11	73				<0.2		2.5	
					Middle	5.6	0.1	208	23.3	23.3	8.0	8.0	28.4	28.4	91.8	91.8	6.7		9.7			12	75				<0.2		1.8	
						5.6	0.2	228	23.3		8.0		28.4		91.8		6.7		9.5			11	75				<0.2		1.8	
					Bottom	10.1	0.1	343	23.0	23.0	8.0	8.0	29.8	29.8	89.7	89.7	6.5	6.5	11.2			11	77				<0.2		1.4	
						10.1	0.1	357	23.0		8.0		29.8		89.7		6.5		11.2			11	77				<0.2		1.4	
C3	Cloudy	Moderate	16:45	11.8	Surface	1.0	0.3	270	23.8	23.8	8.2	8.2	28.2	28.2	111.7	111.8	8.0	7.5	8.6	8.2	12	11	73	75	822093	817790	<0.2	<0.2	1.6	1.3
						1.0	0.3	289	23.8		8.2		28.2		111.8		8.0		8.6			11	73				<0.2		1.5	
					Middle	5.9	0.4	249	23.3	23.3	8.1	8.1	29.8	29.8	96.6	96.6	6.9		7.2			12	75				<0.2		1.4	
						5.9	0.4	251	23.3		8.1		29.8		96.6		6.9		7.2			11	75				<0.2		1.2	
					Bottom	10.8	0.4	278	22.7	22.7	8.0	8.0	32.3	32.3	92.8	92.9	6.6	6.7	8.8			12	77				<0.2		0.9	
						10.8	0.4	299	22.7		8.0		32.3		92.9		6.7		8.8			14	77				<0.2		1.0	
IM1	Cloudy	Moderate	15:37	7.2	Surface	1.0	0.0	283	23.4	23.4	8.3	8.3	28.1	28.1	118.2	118.2	8.6	8.1	9.3	11.0	13	13	72	74	818340	806460	<0.2	<0.2	2.0	2.1
						1.0	0.0	310	23.4		8.3		28.1		118.2		8.6		9.3			14	72				<0.2		2.2	
					Middle	3.6	0.1	327	22.9	22.9	8.2	8.2	29.9	29.9	103.5	103.5	7.5		10.4			12	73				<0.2		2.0	
						3.6	0.1	327	22.9		8.2		29.9		103.4		7.5		10.4			13	74				<0.2		2.3	
					Bottom	6.2	0.2	349	22.4	22.4	8.2	8.2	31.4	31.4	99.9	100.0	7.2	7.2	13.4			15	75				<0.2		2.1	
						6.2	0.2	358	22.4		8.2		31.4		100.0		7.2		13.3			13	76				<0.2		2.0	
IM2	Cloudy	Moderate	15:32	8.1	Surface	1.0	0.2	200	23.7	23.7	8.3	8.3	27.0	27.0	109.5	108.7	8.0	7.6	9.2	9.4	9	9	72	74	818874	806195	<0.2	<0.2	2.0	2.1
						1.0	0.2	214	23.7		8.3		27.0		107.8		7.8		9.1			8	72				<0.2		2.2	
					Middle	4.1	0.2	224	23.1	23.1	8.2	8.2	28.5	28.5	100.2	100.3	7.3		9.1			8	73				<0.2		2.3	
						4.1	0.2	245	23.1		8.2		28.5		100.3		7.3		9.3			9	74				<0.2		2.1	
					Bottom	7.1	0.2	8	22.7	22.7	8.2	8.2	30.3	30.3	100.6	100.6	7.3	7.3	9.6			11	75				<0.2		2.1	
						7.1	0.2	8	22.7		8.2		30.4		100.6		7.3		10.1			9	75				<0.2		2.1	
IM3	Cloudy	Moderate	15:27	8.1	Surface	1.0	0.1	183	24.3	24.3	8.5	8.5	26.2	26.1	148.3	148.2	10.7	9.2	10.3	9.4	11	11	72	74	819390	806009	<0.2	<0.2	2.2	2.1
						1.0	0.1	200	24.3		8.5		26.1		148.1		10.7		10.3			12	72				<0.2		2.0	
					Middle	4.1	0.1	277	23.0	23.0	8.2	8.2	28.8	28.8	104.3	104.3	7.6		9.1			10	73				<0.2		2.0	
						4.1	0.1	297	23.0		8.2		28.8		104.3		7.6		9.3			10	74				<0.2		2.1	
					Bottom	7.1	0.1	270	22.9	22.9	8.2	8.2	29.7	29.7	104.5	104.5	7.6	7.6	8.6			10	75				<0.2		2.1	
						7.1	0.1	288	22.9		8.2		29.7		104.5		7.6		8.7			10	76				<0.2		2.1	
IM4	Cloudy	Moderate	15:20	7.4	Surface	1.0	0.1	260	24.7	24.7	8.5	8.5	25.4	25.4	143.9	143.9	10.4	9.7	9.2	10.5	13	10	72	74	819577	805016	<0.2	<0.2	2.2	2.2
						1.0	0.1	270	24.7		8.5		25.4		143.9		10.4		9.1			11	72				<0.2		2.2	
					Middle	3.7	0.1	0	23.7	23.7	8.3	8.3	26.8	26.7	123.4	123.3	9.0		11.7			10	73				<0.2		2.1	
						3.7	0.1	0	23.7		8.3		26.7		123.2		9.0		11.4			12	74				<0.2		2.3	
					Bottom	6.4	0.1	0	23.1	23.1	8.2	8.2	28.5	28.5	109.7	110.2	8.0	8.0	10.8			16	75				<0.2		2.1	
						6.4	0.1	0	23.1		8.2		28.6		110.6		8.0		10.6			18	76				<0.2		2.1	
IM5	Cloudy	Moderate	15:11	6.8	Surface	1.0	0.1	240	24.7	24.7	8.5	8.5	24.6	24.6	138.6	137.9	10.0	8.6	11.4	12.8	9	9	73	74	820557	804896	<0.2	<0.2	2.2	2.2
						1.0	0.1	257	24.7		8.5		24.6		137.1		9.9		11.4			8	73				<0.2		2.4	
					Middle	3.4	0.2	265	23.1	23.1	8.2	8.2	28.0	28.0	98.8	98.8	7.2		12.6			8	73				<0.2		2.1	
						3.4	0.2	270	23.1		8.2		28.0		98.8		7.2		13.2			10	74				<0.2		2.2	
					Bottom	5.8	0.2	312	22.9	22.9	8.1	8.1	28.8	28.8	97.8	97.9	7.1	7.1	14.1			10	75				<0.2		2.2	
						5.8	0.2	336	22.9		8.1		28.8		97.9		7.1		14.1			10	75				<0.2		1.9	
IM6	Cloudy	Moderate	15:02	6.4	Surface	1.0	0.3	245	23.7	23.7	8.3	8.3	26.0	26.0	112.4	112.2	8.2	7.5	11.3	16.6	12	12	72	74	821070	805822	<0.2	<0.2	1.9	2.0
						1.0	0.3	249	23.7		8.3		26.0		112.0		8.2		11.2			12	72				<0.2		2.0	
					Middle	3.2	0.2	244	23.1	23.1	8.1	8.1	28.4	28.4	94.1	94.1	6.8		15.2			10	73				<0.2		2.0	
						3.2	0.2	264	23.1		8.1		28.4		94.0		6.8		15.5			10	74				<0.2		1.9	
					Bottom	5.4	0.1	242	23.0	23.0	8.1	8.1	29.0	29.0	93.0	93.0	6.8	6.8	23.2			15	75				<0.2		2.0	
						5.4	0.1	252	23.0		8.1		29.0		93.0		6.8		23.3			15	76				<0.2		2.0	
IM7	Cloudy	Moderate	14:54	7.9	Surface	1.0	0.2	241	24.3	24.3	8.4	8.4	25.4	25.4	121.2	120.8	8.8	7.8	9.7	10.4	12	12	72	74	821332	806847	<0.2	<0.2	1.9	2.0
						1.0	0.2	242	24.3		8.4		25.4		120.4		8.7		9.4			11	72				<0.2		2.1	
					Middle	4.0	0.2	219	23.1	23.1	8.1	8.1	27.8	27.8	92.7	92.6	6.8		10.4			11	73				<0.2		2.0	
						4.0	0.2	231	23.1		8.1		27.9		92.5		6.7		10.7			11	73				<0.2		2.0	
					Bottom	6.9	0.1	237	23.0	23.0	8.1	8.1	28.7	28.7	92.8	92.9	6.8	6.8	11.2			12	75				<0.2		2.1	
						6.9	0.1	258	23.0		8.1		28.7		92.9		6.8		11.1			14	76				<0.2		1.9	
IM8	Cloudy	Moderate	15:16	7.9	Surface	1.0	0.3	217	23.9	23.9	8.2	8.2	25.5	25.5	119.7	119.7	8.7	7.8	10.1	10.3	11	11	73	75	821715	807865	<0.2	<0.2	2.1	2.0
						1.0	0.3	233	23.9		8.2		25.5		119.7		8.7		10.0			12	73				<0.2		2.2	
					Middle	4.0	0.2	224	23.2	23.2	8.0	8.0	27.8	27.8	94.3	94.3	6.9		9.9			12	75				<0.2		2.1	
						4.0	0.2	225	23.2		8.0		27.8		94.2		6.9		9.9			10	75				<0.2		2.1	
					Bottom	6.9	0.1	273	23.1	23.1	8.0	8.0	28.5	28.5	96.4	96.5	7.0	7.0	10.9			10	77				<0.2		1.5	
						6.9	0.1	275	23.1		8.0		28.5		96.5		7.0		10.9			11	77				<0.2		1.8	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 12 April 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
IM9	Cloudy	Moderate	15:25	6.8	Surface	1.0	0.1	239	24.0	24.0	8.2	8.2	25.3	25.3	117.3	117.3	8.6	7.8	9.9	9.4	11	11	74	75	822070	808781	<0.2	<0.2	2.5	2.0
						1.0	0.1	259	24.0		8.2		25.3		117.2		8.5		9.9		11		73				<0.2		2.0	
					Middle	3.4	0.1	243	23.4	23.4	8.0	8.0	27.4	27.4	96.7	96.7	7.0		8.5		11		75				<0.2		2.0	
						3.4	0.1	261	23.4		8.0		27.4		96.6		7.0		8.5		11		75				<0.2		2.2	
					Bottom	5.8	0.1	290	23.1	23.1	8.0	8.0	28.2	28.2	96.0	96.1	7.0	7.0	9.9		10		77				<0.2		1.6	
						5.8	0.1	302	23.1		8.0		28.2		96.1		7.0		9.9		10		77				<0.2		1.5	
IM10	Cloudy	Moderate	15:33	7.0	Surface	1.0	0.2	294	23.7	23.7	8.1	8.1	26.1	26.1	106.6	106.6	7.8	7.3	8.7	8.6	10	9	73	75	822235	809847	<0.2	<0.2	2.0	1.7
						1.0	0.2	320	23.7		8.1		26.1		106.6		7.8		8.7		10		73				<0.2		2.0	
					Middle	3.5	0.2	286	23.3	23.3	8.0	8.0	28.2	28.2	93.2	93.2	6.8		8.1		8		75				<0.2		1.5	
						3.5	0.2	302	23.3		8.0		28.2		93.2		6.8		8.1		9		75				<0.2		1.5	
					Bottom	6.0	0.2	273	23.1	23.1	8.0	8.0	28.4	28.4	93.7	93.7	6.8	6.8	9.0		8		77				<0.2		1.5	
						6.0	0.2	283	23.1		8.0		28.4		93.7		6.8		9.0		8		77				<0.2		1.5	
IM11	Cloudy	Moderate	15:47	7.6	Surface	1.0	0.2	256	23.7	23.7	8.2	8.2	26.3	26.3	116.7	116.7	8.5	7.8	10.4	12.2	10	11	73	75	821524	810528	<0.2	<0.2	2.0	1.8
						1.0	0.2	259	23.7		8.2		26.3		116.7		8.5		10.4		9		73				<0.2		1.8	
					Middle	3.8	0.3	265	23.2	23.2	8.1	8.1	27.8	27.8	98.1	98.1	7.1		12.2		11		75				<0.2		1.8	
						3.8	0.3	282	23.2		8.1		27.8		98.0		7.1		12.3		10		75				<0.2		2.0	
					Bottom	6.6	0.2	269	23.2	23.2	8.1	8.1	27.9	27.9	99.5	99.6	7.2	7.2	13.8		12		77				<0.2		1.5	
						6.6	0.2	280	23.2		8.1		27.9		99.6		7.2		13.9		11		77				<0.2		1.7	
IM12	Cloudy	Moderate	15:54	8.5	Surface	1.0	0.1	295	23.8	23.8	8.2	8.2	25.9	25.9	111.4	111.4	8.1	7.5	10.1	9.8	10	10	73	75	821136	811499	<0.2	<0.2	2.1	1.7
						1.0	0.2	315	23.8		8.2		25.9		111.3		8.1		10.0		8		73				<0.2		2.3	
					Middle	4.3	0.2	284	23.3	23.3	8.1	8.1	28.4	28.4	95.8	95.8	7.0		9.4		11		75				<0.2		1.9	
						4.3	0.2	300	23.3		8.1		28.4		95.7		6.9		9.4		9		75				<0.2		1.7	
					Bottom	7.5	0.1	268	22.9	22.9	8.0	8.0	30.8	30.8	92.7	92.8	6.7	6.7	9.9		11		77				<0.2		1.1	
						7.5	0.1	288	22.9		8.0		30.8		92.9		6.7		10.0		9		77				<0.2		1.1	
SR2	Cloudy	Moderate	16:22	4.5	Surface	1.0	0.2	327	23.8	23.8	8.2	8.2	27.0	27.0	107.7	107.6	7.8	7.8	9.4	8.7	9	10	73	74	821470	814144	<0.2	<0.2	1.9	1.8
						1.0	0.2	334	23.8		8.2		27.0		107.5		7.8		9.4		10		73				<0.2		2.0	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.1	271	23.1	23.1	8.0	8.0	29.7	29.7	96.6	96.6	7.0	7.0	8.0		12		75				<0.2		1.7	
						3.5	0.1	291	23.1		8.0		29.7		96.6		7.0		8.0		10		75				<0.2		1.7	
SR3	Cloudy	Moderate	15:11	8.8	Surface	1.0	0.3	207	23.9	23.9	8.2	8.2	25.6	25.6	111.1	111.0	8.1	7.5	10.2	10.7	8	7	-	-	822142	807583	-	-	-	-
						1.0	0.3	215	23.9		8.2		25.6		110.8		8.1		10.1		7		-				-		-	
					Middle	4.4	0.3	204	23.2	23.2	8.0	8.0	27.8	27.8	92.9	92.9	6.8		10.3		6		-				-		-	
						4.4	0.3	208	23.2		8.0		27.8		92.9		6.8		10.3		8		-				-		-	
					Bottom	7.8	0.2	269	23.0	23.0	8.0	8.0	29.0	29.0	95.4	95.5	6.9	6.9	11.6		8		-				-		-	
						7.8	0.2	283	23.0		8.0		29.0		95.5		6.9		11.7		7		-				-		-	
SR4A	Cloudy	Calm	16:17	8.9	Surface	1.0	0.3	252	24.2	24.2	8.4	8.4	27.2	27.2	131.2	131.1	9.4	8.3	9.0	10.1	10	11	-	-	817199	807818	-	-	-	-
						1.0	0.3	273	24.2		8.4		27.2		131.0		9.4		9.2		12		-				-		-	
					Middle	4.5	0.2	251	22.7	22.7	8.2	8.2	30.4	30.4	99.1	99.1	7.2		10.4		11		-				-		-	
						4.5	0.3	262	22.7		8.2		30.4		99.0		7.2		10.2		11		-				-		-	
					Bottom	7.9	0.2	296	22.5	22.5	8.2	8.2	31.1	31.1	96.9	97.0	7.0	7.0	11.0		12		-				-		-	
						7.9	0.2	324	22.5		8.2		31.1		97.0		7.0		11.0		12		-				-		-	
SR5A	Cloudy	Calm	16:35	5.1	Surface	1.0	0.2	257	24.2	24.2	8.3	8.3	28.1	28.1	127.2	127.2	9.1	9.1	9.5	10.5	10	10	-	-	816608	810681	-	-	-	-
						1.0	0.2	269	24.2		8.3		28.1		127.2		9.1		9.7		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.1	0.2	289	23.4	23.4	8.2	8.2	29.2	29.2	103.8	103.9	7.5	7.5	11.3		9		-				-		-	
						4.1	0.2	293	23.4		8.2		29.2		104.0		7.5		11.6		9		-				-		-	
SR6	Cloudy	Calm	16:59	4.6	Surface	1.0	0.2	233	23.7	23.7	8.3	8.2	28.4	28.5	107.4	107.2	7.7	7.7	24.5	21.5	16	19	-	-	817898	814669	-	-	-	-
						1.0	0.2	249	23.7		8.2		28.5		107.0		7.7		23.8		16		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.6	0.1	281	23.7	23.7	8.2	8.2	29.0	29.0	107.9	108.0	7.7	7.7	19.0		21		-				-		-	
						3.6	0.1	294	23.7		8.2		29.0		108.0		7.7		18.5		21		-				-		-	
SR7	Cloudy	Moderate	17:20	18.5	Surface	1.0	0.1	221	23.2	23.2	8.1	8.1	31.2	31.2	97.6	97.6	7.0	6.8	6.8	8.5	4	8	-	-	823651	823727	-	-	-	-
						1.0	0.1	231	23.3		8.1		31.2		97.5		7.0		6.8		5		-				-		-	
					Middle	9.3	-	297	22.8	22.8	8.0	8.0	32.6	32.6	90.7	90.6	6.5		8.0		8		-				-		-	
						9.3	-	308	22.8		8.0		32.6		90.5		6.5		8.0		8		-				-		-	
					Bottom	17.5	0.1	75	22.6	22.6	8.0	8.0	33.0	33.0	90.6	90.6	6.5	6.5	10.8		10		-				-		-	
						17.5	0.1	82	22.6		8.0		33.0		90.6		6.5		10.8		12		-				-		-	
SR8	Cloudy	Moderate	16:03	3.9	Surface	1.0	-	-	24.7	24.7	8.3	8.3	26.6	26.6	125.9	125.9	9.0	9.0	12.7	13.0	11	12	-	-	820246	811418	-	-	-	-
						1.0	-	-	24.7		8.3		26.6		125.9		9.0		12.7		11		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	24.2	24.2	8.2	8.2	26.9	26.9	116.9	116.9	8.4	8.4	13.3		13		-				-		-	
						2.9	-	-	24.2		8.2		26.9		116.8		8.4		13.4		13		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 14 April 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
C1	Cloudy	Moderate	12:32	8.3	Surface	1.0	0.4	217	23.9	23.9	8.2	8.2	28.7	28.7	104.7	104.7	7.5	7.5	9.2	12.4	5	8	84	87	815596	804225	<0.2	<0.2	1.4	1.4
						1.0	0.4	234	23.9		8.2		28.7		104.7		7.5		9.2		6		85				<0.2		1.3	
					Middle	4.2	0.4	215	23.4	23.4	8.2	8.2	29.4	29.4	102.5	102.5	7.4		11.3		5		86				<0.2		1.6	
						4.2	0.4	231	23.4		8.2		29.4		102.5		7.4		11.3		7		87				<0.2		1.4	
					Bottom	7.3	0.0	215	23.0	23.0	8.2	8.2	30.8	30.8	101.2	101.2	7.3	7.3	16.7		10		89				<0.2		1.4	
						7.3	0.0	216	23.0		8.2		30.8		101.2		7.3		16.7		12		88				<0.2		1.4	
C2	Cloudy	Moderate	13:27	11.1	Surface	1.0	0.7	170	24.2	24.2	8.0	8.0	25.6	25.6	89.0	89.1	6.5	6.4	14.1	14.7	13	13	84	87	825678	806937	<0.2	<0.2	2.2	2.3
						1.0	0.8	185	24.2		8.0		25.6		89.1		6.5		14.1		14		84				<0.2		2.2	
					Middle	5.6	0.7	167	23.6	23.6	8.0	8.0	28.4	28.4	87.8	87.8	6.3		16.0		12		86				<0.2		2.2	
						5.6	0.7	170	23.6		8.0		28.4		87.8		6.3		16.0		13		87				<0.2		2.2	
					Bottom	10.1	0.2	155	23.6	23.6	8.0	8.0	29.2	29.2	88.2	88.2	6.3	6.3	14.1		14		89				<0.2		2.5	
						10.1	0.2	163	23.6		8.0		29.2		88.2		6.3		14.1		14		89				<0.2		2.2	
C3	Cloudy	Moderate	11:17	11.8	Surface	1.0	0.3	71	24.0	24.0	8.1	8.1	29.1	29.1	94.5	94.5	6.7	6.7	6.4	6.7	6	7	85	87	822081	817815	<0.2	<0.2	1.4	1.4
						1.0	0.3	72	24.0		8.1		29.1		94.5		6.7		6.3		8		85				<0.2		1.4	
					Middle	5.9	0.3	90	23.5	23.5	8.1	8.1	30.2	30.2	91.7	91.8	6.6		6.9		6		87				<0.2		1.4	
						5.9	0.3	97	23.5		8.1		30.2		91.8		6.6		6.9		6		87				<0.2		1.3	
					Bottom	10.8	0.3	82	23.3	23.3	8.0	8.0	31.4	31.4	90.6	90.7	6.5	6.5	6.8		7		89				<0.2		1.4	
						10.8	0.3	86	23.3		8.0		31.4		90.7		6.5		6.7		6		89				<0.2		1.4	
IM1	Cloudy	Moderate	12:52	7.2	Surface	1.0	0.4	190	23.9	23.9	8.2	8.2	28.5	28.5	103.7	103.7	7.4	7.4	9.8	9.1	8	8	85	87	818330	806457	<0.2	<0.2	1.4	1.4
						1.0	0.4	193	23.9		8.2		28.5		103.7		7.4		9.8		6		84				<0.2		1.4	
					Middle	3.6	0.4	193	23.5	23.5	8.2	8.2	29.0	29.0	102.1	102.1	7.4		9.5		8		86				<0.2		1.3	
						3.6	0.4	203	23.5		8.2		29.0		102.1		7.4		9.5		7		87				<0.2		1.2	
					Bottom	6.2	0.3	192	23.3	23.3	8.2	8.2	29.7	29.7	101.3	101.3	7.3	7.3	8.1		8		88				<0.2		1.4	
						6.2	0.3	194	23.3		8.2		29.7		101.3		7.3		8.1		9		89				<0.2		1.4	
IM2	Cloudy	Moderate	12:57	8.0	Surface	1.0	0.3	201	24.1	24.1	8.3	8.3	28.3	28.3	103.0	103.0	7.4	7.4	11.5	11.4	6	6	84	87	818863	806183	<0.2	<0.2	1.3	1.4
						1.0	0.3	207	24.1		8.3		28.3		103.0		7.4		11.5		5		85				<0.2		1.2	
					Middle	4.0	0.3	203	23.5	23.5	8.2	8.2	29.1	29.1	101.1	101.1	7.3		11.4		6		87				<0.2		1.4	
						4.0	0.3	217	23.5		8.2		29.1		101.1		7.3		11.4		7		86				<0.2		1.5	
					Bottom	7.0	0.2	206	23.2	23.2	8.2	8.2	29.9	29.9	100.4	100.4	7.2	7.2	11.4		6		88				<0.2		1.3	
						7.0	0.2	217	23.2		8.2		29.9		100.4		7.2		11.4		7		89				<0.2		1.4	
IM3	Cloudy	Moderate	13:03	7.8	Surface	1.0	0.3	201	24.1	24.1	8.2	8.2	28.2	28.2	105.3	105.3	7.5	7.5	8.5	10.6	7	6	85	87	819381	806022	<0.2	<0.2	1.3	1.4
						1.0	0.3	219	24.1		8.2		28.2		105.3		7.5		8.5		6		85				<0.2		1.4	
					Middle	3.9	0.3	211	23.6	23.6	8.2	8.2	28.9	28.9	103.2	103.2	7.4		11.3		5		86				<0.2		1.4	
						3.9	0.3	217	23.6		8.2		28.9		103.2		7.4		11.3		6		87				<0.2		1.3	
					Bottom	6.8	0.3	207	23.6	23.6	8.2	8.2	29.0	29.0	102.4	102.4	7.4	7.4	12.0		5		89				<0.2		1.3	
						6.8	0.3	210	23.6		8.2		29.0		102.4		7.4		12.0		5		88				<0.2		1.4	
IM4	Cloudy	Moderate	13:10	7.6	Surface	1.0	0.5	214	23.9	23.9	8.2	8.2	28.9	28.9	103.0	103.0	7.4	7.3	13.1	17.8	8	8	85	87	819574	805051	<0.2	<0.2	1.2	1.2
						1.0	0.5	220	23.9		8.2		28.9		103.0		7.4		13.1		9		85				<0.2		1.2	
					Middle	3.8	0.4	193	23.5	23.5	8.2	8.2	29.2	29.2	100.8	100.8	7.2		18.6		8		86				<0.2		1.3	
						3.8	0.4	193	23.5		8.2		29.2		100.8		7.2		18.6		8		87				<0.2		1.3	
					Bottom	6.6	0.3	200	23.3	23.3	8.2	8.2	29.5	29.5	100.5	100.5	7.2	7.2	21.6		8		89				<0.2		1.2	
						6.6	0.4	209	23.3		8.2		29.5		100.5		7.2		21.6		8		89				<0.2		1.1	
IM5	Cloudy	Moderate	13:21	6.6	Surface	1.0	0.5	199	23.6	23.6	8.2	8.2	28.3	28.3	100.7	100.7	7.3	7.3	17.6	20.0	7	7	85	87	820544	804919	<0.2	<0.2	1.4	1.5
						1.0	0.6	199	23.6		8.2		28.3		100.7		7.3		17.6		6		85				<0.2		1.4	
					Middle	3.3	0.4	200	23.4	23.4	8.2	8.2	28.8	28.8	100.3	100.3	7.2		20.2		8		87				<0.2		1.3	
						3.3	0.5	215	23.4		8.2		28.8		100.3		7.2		20.2		7		87				<0.2		1.6	
					Bottom	5.6	0.3	203	23.4	23.4	8.2	8.2	28.9	28.9	100.1	100.1	7.2	7.2	22.2		8		87				<0.2		1.6	
						5.6	0.4	208	23.4		8.2		28.9		100.1		7.2		22.2		7		88				<0.2		1.7	
IM6	Cloudy	Moderate	13:29	6.5	Surface	1.0	0.5	198	24.3	24.3	8.2	8.2	27.3	27.3	101.9	101.9	7.3	7.3	12.5	14.5	9	8	85	86	821081	805842	<0.2	<0.2	1.4	1.5
						1.0	0.5	213	24.3		8.2		27.3		101.9		7.3		12.6		7		84				<0.2		1.5	
					Middle	3.3	0.4	205	23.6	23.6	8.2	8.2	28.6	28.6	101.0	101.0	7.3		15.0		8		87				<0.2		1.5	
						3.3	0.4	222	23.6		8.2		28.6		101.0		7.3		15.0		8		87				<0.2		1.5	
					Bottom	5.5	0.3	205	23.6	23.6	8.2	8.2	28.8	28.8	100.7	100.7	7.2	7.2	15.8		7		88				<0.2		1.5	
						5.5	0.3	216	23.6		8.2		28.8		100.7		7.2		15.8		8		87				<0.2		1.4	
IM7	Cloudy	Moderate	13:36	7.8	Surface	1.0	0.4	215	24.4	24.4	8.1	8.1	26.6	26.6	97.2	97.2	7.0	7.1	9.5	11.2	6	6	84	86	821326	806806	<0.2	<0.2	1.8	1.8
						1.0	0.5	229	24.4		8.1		26.6		97.2		7.0		9.5		5		85				<0.2		1.8	
					Middle	3.9	0.4	224	23.7	23.7	8.2	8.2	27.8	27.8	98.1	98.1	7.1		11.9		5		86				<0.2		1.8	
						3.9	0.4	229	23.7		8.2		27.8		98.1		7.1		11.9		6		87				<0.2		1.9	
					Bottom	6.8	0.3	207	23.8	23.8	8.2	8.2	27.7	27.7	99.0	99.0	7.1	7.1	12.1		6		88				<0.2		1.8	
						6.8	0.3	217	23.8		8.2		27.7		99.0		7.1		12.1		6		87				<0.2		1.8	
IM8	Cloudy	Moderate	12:59	7.7	Surface	1.0	0.3	198	24.0	24.0	8.1	8.1	27.2	27.2	99.1	99.1	7.1	7.2	10.4	10.7	7	7	84	87	821683	807811	<0.2	<0.2	1.8	1.8
						1.0	0.3	211	24.0		8.1		27.2		99.1		7.1		10.4		6		85				<0.2		1.8	
					Middle	3.9	0.2	218	23.7	23.7	8.1	8.1	28.0	28.0	100.4	100.4	7.2		10.9		9		87				<0.2		1.8	
						3.9	0.2	222	23.7		8.1		28.0		100.4		7.3		10.9		8		87				<0.2		1.8	
					Bottom	6.7	0.1	169	23.6	23.6	8.1	8.1	28.6	28.6	100.1	100.1	7.2	7.2	10.7		7		89				<0.2		1.8	
						6.7	0.1	182	23.6		8.1		28.6		100.1		7.2		10.7		7		89				<0.2		1.8	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 14 April 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
IM9	Cloudy	Moderate	12:50	6.8	Surface	1.0	0.3	143	24.1	24.1	8.1	8.1	27.0	27.0	97.8	97.9	7.1	7.1	11.9	12.8	7	7	85	87	822064	808829	<0.2	<0.2	1.7	1.9
						1.0	0.3	149	24.1		8.1		27.0		97.9		7.1		11.8		7		85				<0.2		1.9	
					Middle	3.4	0.3	135	23.8	23.8	8.1	8.1	27.6	27.6	98.0	98.0	7.1		13.3		6		87				<0.2		1.9	
						3.4	0.3	142	23.8		8.1		27.6		98.0		7.1		13.2		6		87				<0.2		1.8	
					Bottom	5.8	0.1	116	23.6	23.6	8.1	8.1	28.3	28.3	98.8	98.7	7.1	7.1	13.2		7		89				<0.2		1.9	
						5.8	0.1	117	23.6		8.1		28.3		98.6		7.1		13.2		8		89				<0.2		1.9	
IM10	Cloudy	Moderate	12:41	7.0	Surface	1.0	0.7	120	23.9	23.9	8.1	8.1	27.2	27.2	96.6	96.6	7.0	7.0	14.7	17.1	12	11	85	87	822265	809819	<0.2	<0.2	1.9	2.0
						1.0	0.7	127	23.9		8.1		27.2		96.6		7.0		14.7		12		84				<0.2		1.9	
					Middle	3.5	0.5	112	23.7	23.7	8.1	8.1	27.8	27.8	96.8	96.8	7.0		17.2		11		87				<0.2		1.9	
						3.5	0.6	116	23.7		8.1		27.8		96.8		7.0		17.3		12		87				<0.2		2.1	
					Bottom	6.0	0.4	113	23.7	23.7	8.1	8.1	27.9	27.9	96.4	96.4	7.0	7.0	19.3		11		89				<0.2		2.0	
						6.0	0.4	123	23.7		8.1		27.9		96.4		7.0		19.4		10		89				<0.2		2.0	
IM11	Cloudy	Moderate	12:22	7.7	Surface	1.0	0.4	113	24.0	24.0	8.1	8.1	27.0	27.0	96.3	96.4	6.9	7.0	10.8	13.5	7	7	84	87	821510	810561	<0.2	<0.2	1.9	2.3
						1.0	0.4	115	24.0		8.1		27.0		96.4		7.0		10.8		6		85				<0.2		1.8	
					Middle	3.9	0.5	109	23.8	23.8	8.1	8.1	27.4	27.4	97.0	97.0	7.0		13.5		6		87				<0.2		2.6	
						3.9	0.5	111	23.8		8.1		27.4		97.0		7.0		13.6		7		87				<0.2		2.6	
					Bottom	6.7	0.3	86	23.8	23.8	8.1	8.1	27.8	27.8	96.9	96.9	7.0	7.0	16.2		8		89				<0.2		2.6	
						6.7	0.4	92	23.8		8.1		27.8		96.8		7.0		16.3		8		89				<0.2		2.3	
IM12	Cloudy	Moderate	12:12	8.4	Surface	1.0	0.4	106	23.9	23.9	8.2	8.2	27.7	27.7	96.7	96.7	7.0	7.0	12.7	14.9	8	10	85	87	821168	811499	<0.2	<0.2	1.6	1.5
						1.0	0.4	111	23.9		8.2		27.7		96.7		7.0		12.6		7		84				<0.2		1.4	
					Middle	4.2	0.3	98	23.8	23.8	8.2	8.2	27.8	27.8	96.2	96.2	6.9		14.6		12		87				<0.2		1.4	
						4.2	0.3	105	23.8		8.2		27.8		96.2		6.9		14.7		11		86				<0.2		1.5	
					Bottom	7.4	0.3	94	23.8	23.8	8.2	8.2	27.9	27.9	95.2	95.2	6.9	6.9	17.4		11		89				<0.2		1.5	
						7.4	0.3	94	23.8		8.2		27.9		95.2		6.9		17.1		11		89				<0.2		1.6	
SR2	Cloudy	Moderate	11:43	3.4	Surface	1.0	0.4	104	24.1	24.1	8.1	8.1	27.9	27.8	95.9	95.9	6.9	6.9	9.3	9.8	5	5	85	86	821475	814165	<0.2	<0.2	1.5	1.5
						1.0	0.4	106	24.1		8.1		27.8		95.9		6.9		9.2		4		84				<0.2		1.4	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.4	0.2	106	23.9	23.9	8.1	8.1	28.4	28.4	94.6	94.6	6.8	6.8	10.4		4		87				<0.2		1.5	
						2.4	0.3	106	23.9		8.1		28.4		94.5		6.8		10.4		5		87				<0.2		1.4	
SR3	Cloudy	Moderate	13:05	8.6	Surface	1.0	0.2	180	24.2	24.2	8.1	8.1	27.0	27.0	99.4	99.4	7.1	7.1	10.9	13.8	4	7	-	-	822175	807584	-	-	-	-
						1.0	0.2	194	24.2		8.1		27.0		99.3		7.1		10.9		5		-				-		-	
					Middle	4.3	0.2	205	23.8	23.8	8.1	8.1	27.9	27.9	98.1	98.2	7.1		14.5		7		-				-		-	
						4.3	0.2	218	23.8		8.1		27.9		98.2		7.1		14.5		7		-				-		-	
					Bottom	7.6	0.2	245	23.6	23.6	8.1	8.1	28.4	28.4	99.1	99.1	7.1	7.1	16.0		8		-				-		-	
						7.6	0.2	257	23.6		8.1		28.4		99.1		7.1		16.1		8		-				-		-	
SR4A	Cloudy	Moderate	12:13	9.6	Surface	1.0	0.3	79	23.8	23.8	8.2	8.2	28.7	28.7	102.3	102.3	7.3	7.3	11.9	13.9	7	10	-	-	817175	807833	-	-	-	-
						1.0	0.3	84	23.8		8.2		28.7		102.3		7.3		11.9		8		-				-		-	
					Middle	4.8	0.3	76	23.6	23.6	8.2	8.2	28.8	28.8	101.1	101.1	7.3		13.5		9		-				-		-	
						4.8	0.3	76	23.6		8.2		28.8		101.1		7.3		13.5		11		-				-		-	
					Bottom	8.6	0.3	80	23.5	23.5	8.2	8.2	28.9	28.9	100.8	100.8	7.3	7.3	16.3		12		-				-		-	
						8.6	0.3	84	23.5		8.2		28.9		100.8		7.3		16.3		11		-				-		-	
SR5A	Cloudy	Calm	11:55	3.7	Surface	1.0	0.1	40	24.5	24.5	8.2	8.2	28.7	28.7	108.6	108.6	7.7	7.7	11.0	11.7	9	8	-	-	816567	810715	-	-	-	-
						1.0	0.1	43	24.5		8.2		28.7		108.6		7.7		11.0		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	0.1	54	24.5	24.5	8.2	8.2	28.7	28.7	107.6	107.6	7.6	7.6	12.4		7		-				-		-	
						2.7	0.1	57	24.5		8.2		28.7		107.6		7.6		12.4		7		-				-		-	
SR6	Cloudy	Calm	11:32	4.0	Surface	1.0	0.2	58	24.4	24.4	8.2	8.2	28.4	28.4	106.7	106.7	7.6	7.6	8.6	11.4	4	4	-	-	817896	814652	-	-	-	-
						1.0	0.2	60	24.4		8.2		28.4		106.7		7.6		8.6		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	0.1	50	24.2	24.2	8.2	8.2	28.8	28.8	102.9	102.9	7.3	7.3	14.1		4		-				-		-	
						3.0	0.1	51	24.2		8.2		28.8		102.9		7.3		14.1		4		-				-		-	
SR7	Cloudy	Moderate	10:35	19.2	Surface	1.0	0.1	112	23.4	23.4	8.0	8.0	31.4	31.4	91.7	91.7	6.5	6.5	7.2	7.9	4	4	-	-	823609	823750	-	-	-	-
						1.0	0.1	116	23.4		8.0		31.4		91.7		6.5		7.2		3		-				-		-	
					Middle	9.6	0.0	54	23.3	23.3	8.0	8.0	31.5	31.5	90.2	90.2	6.4		7.7		3		-				-		-	
						9.6	0.0	58	23.3		8.0		31.5		90.2		6.4		7.8		4		-				-		-	
					Bottom	18.2	0.0	352	23.2	23.2	8.0	8.0	31.9	31.9	89.0	89.0	6.3	6.3	8.8		7		-				-		-	
						18.2	0.0	324	23.2		8.0		31.9		89.0		6.3		8.9		5		-				-		-	
SR8	Cloudy	Moderate	12:03	4.0	Surface	1.0	-	-	24.2	24.2	8.1	8.1	28.1	28.1	96.7	96.7	6.9	6.9	12.2	12.1	8	9	-	-	820246	811418	-	-	-	-
						1.0	-	-	24.2		8.1		28.1		96.7		6.9		12.2		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	23.9	23.9	8.1	8.1	28.2	28.2	96.1	96.1	6.9	6.9	11.9		10		-				-		-	
						3.0	-	-	23.9		8.1		28.2		96.0		6.9		11.9		9		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 14 April 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
C1	Cloudy	Moderate	17:25	8.2	Surface	1.0	0.3	36	24.4	24.4	8.2	8.2	28.5	28.5	105.0	105.0	7.5	7.3	6.7	10.4	5	4	84	86	815624	804247	<0.2	<0.2	1.3	1.3
						1.0	0.3	37	24.4		8.2		28.5		105.0		7.5		6.7		5		85				<0.2		1.4	
					Middle	4.1	0.3	38	23.6	23.6	8.2	8.2	29.2	29.2	99.4	99.4	7.1		10.1		3		86				<0.2		1.3	
						4.1	0.3	39	23.6		8.2		29.2		99.4		7.1		10.1		3		86				<0.2		1.3	
					Bottom	7.2	0.3	36	23.0	23.0	8.2	8.2	30.5	30.5	96.6	96.6	7.0	7.0	14.4		3		89				<0.2		1.2	
						7.2	0.3	36	23.0		8.2		30.5		96.6		7.0		14.4		4		88				<0.2		1.3	
C2	Cloudy	Moderate	16:23	10.8	Surface	1.0	0.6	189	24.2	24.2	7.9	7.9	25.0	25.0	88.6	88.6	6.4	6.3	18.5	20.6	12	12	85	87	825687	806947	<0.2	<0.2	3.1	2.9
						1.0	0.6	207	24.2		7.9		25.1		88.6		6.5		18.6		11		85				<0.2		2.7	
					Middle	5.4	0.6	177	23.7	23.7	7.9	7.9	26.5	26.5	84.8	84.8	6.2		20.1		12		87				<0.2		2.9	
						5.4	0.6	186	23.7		7.9		26.5		84.8		6.2		20.2		11		87				<0.2		2.8	
					Bottom	9.8	0.2	215	23.6	23.6	7.9	7.9	28.1	28.1	85.9	85.9	6.2	6.2	23.2		12		89				<0.2		2.9	
						9.8	0.2	228	23.6		7.9		28.1		85.9		6.2		23.1		12		89				<0.2		2.9	
C3	Cloudy	Moderate	18:20	11.7	Surface	1.0	0.6	261	23.9	23.9	8.1	8.1	28.4	28.4	93.1	93.1	6.7	6.6	6.9	9.0	4	4	85	87	822099	817820	<0.2	<0.2	1.6	1.7
						1.0	0.6	262	23.9		8.1		28.4		93.1		6.7		6.9		2		85				<0.2		1.7	
					Middle	5.9	0.8	258	23.7	23.7	8.1	8.1	30.1	30.1	90.5	90.5	6.5		8.0		5		87				<0.2		1.7	
						5.9	0.8	272	23.7		8.1		30.1		90.5		6.5		8.0		5		87				<0.2		1.7	
					Bottom	10.7	0.4	267	23.3	23.3	8.0	8.0	31.2	31.2	88.8	88.9	6.3	6.3	12.1		4		89				<0.2		1.6	
						10.7	0.4	276	23.3		8.0		31.2		88.9		6.3		12.2		5		89				<0.2		1.6	
IM1	Cloudy	Moderate	17:06	7.1	Surface	1.0	0.2	7	24.1	24.1	8.2	8.2	28.2	28.2	100.8	100.8	7.2	7.2	11.7	14.9	5	8	85	87	818360	806446	<0.2	<0.2	2.2	2.1
						1.0	0.2	7	24.1		8.2		28.2		100.8		7.2		11.7		5		85				<0.2		2.1	
					Middle	3.6	0.3	12	24.0	24.0	8.3	8.3	28.4	28.4	100.8	100.8	7.2		13.2		9		87				<0.2		2.2	
						3.6	0.3	12	24.0		8.3		28.4		100.8		7.2		13.2		9		87				<0.2		2.1	
					Bottom	6.1	0.4	10	23.8	23.8	8.2	8.2	28.7	28.7	99.7	99.7	7.1	7.1	19.9		9		90				<0.2		2.0	
						6.1	0.4	10	23.8		8.2		28.7		99.7		7.1		19.9		9		88				<0.2		2.1	
IM2	Cloudy	Moderate	17:01	8.2	Surface	1.0	0.1	226	24.2	24.2	8.2	8.2	27.2	27.2	99.3	99.3	7.1	7.2	11.3	12.0	7	8	85	87	818845	806174	<0.2	<0.2	2.0	3.5
						1.0	0.1	237	24.2		8.2		27.2		99.3		7.1		11.3		7		85				<0.2		10.3	
					Middle	4.1	0.1	257	24.0	24.0	8.3	8.3	28.2	28.2	100.3	100.3	7.2		12.9		9		87				<0.2		2.3	
						4.1	0.2	280	24.0		8.3		28.2		100.3		7.2		12.9		7		88				<0.2		2.2	
					Bottom	7.2	0.2	310	23.9	23.9	8.2	8.2	28.8	28.8	99.6	99.6	7.1	7.1	11.9		8		89				<0.2		2.0	
						7.2	0.2	338	23.9		8.2		28.8		99.6		7.1		11.9		9		90				<0.2		2.0	
IM3	Cloudy	Moderate	16:56	7.9	Surface	1.0	0.2	217	24.4	24.4	8.1	8.1	26.4	26.4	95.5	95.5	6.9	7.0	11.0	13.2	10	10	85	87	819405	806043	<0.2	<0.2	2.2	2.4
						1.0	0.2	231	24.4		8.1		26.4		95.5		6.9		11.0		9		85				<0.2		2.4	
					Middle	4.0	0.1	254	24.1	24.1	8.1	8.1	27.3	27.3	96.7	96.7	7.0		13.2		9		87				<0.2		2.4	
						4.0	0.1	268	24.1		8.1		27.3		96.7		7.0		13.2		8		88				<0.2		2.5	
					Bottom	6.9	0.2	332	24.1	24.1	8.2	8.2	27.8	27.8	96.5	96.5	6.9	6.9	15.3		10		89				<0.2		2.6	
						6.9	0.2	354	24.1		8.2		27.8		96.5		6.9		15.3		12		90				<0.2		2.5	
IM4	Cloudy	Moderate	16:48	7.3	Surface	1.0	0.3	290	24.2	24.2	8.1	8.1	26.9	26.9	96.0	96.0	6.9	7.0	14.6	17.1	10	10	84	87	819549	805043	<0.2	<0.2	2.9	2.8
						1.0	0.3	308	24.2		8.1		26.9		96.0		6.9		14.6		11		85				<0.2		3.1	
					Middle	3.7	0.3	301	24.0	24.0	8.1	8.1	27.5	27.5	97.4	97.4	7.0		18.0		10		86				<0.2		2.8	
						3.7	0.3	328	24.0		8.1		27.5		97.4		7.0		18.0		8		87				<0.2		2.6	
					Bottom	6.3	0.2	314	24.0	24.0	8.2	8.2	27.8	27.8	97.9	97.9	7.0	7.0	18.7		9		90				<0.2		2.6	
						6.3	0.2	321	24.0		8.2		27.8		97.9		7.0		18.7		10		89				<0.2		2.8	
IM5	Cloudy	Moderate	16:39	7.4	Surface	1.0	0.4	276	24.1	24.1	8.1	8.1	26.8	26.8	91.0	91.0	6.6	6.6	19.1	20.1	8	11	85	88	820540	804911	<0.2	<0.2	2.6	2.6
						1.0	0.5	276	24.1		8.1		26.8		91.0		6.6		19.1		8		85				<0.2		2.6	
					Middle	3.7	0.3	267	23.9	23.9	8.1	8.1	27.3	27.3	91.7	91.7	6.6		20.4		12		87				<0.2		2.5	
						3.7	0.3	292	23.9		8.1		27.3		91.7		6.6		20.4		12		88				<0.2		2.6	
					Bottom	6.4	0.2	277	23.9	23.9	8.1	8.1	27.4	27.4	94.4	94.4	6.8	6.8	20.8		13		90				<0.2		2.7	
						6.4	0.2	279	23.9		8.1		27.4		94.4		6.8		20.8		15		90				<0.2		2.8	
IM6	Cloudy	Moderate	16:32	6.3	Surface	1.0	0.4	264	24.1	24.1	8.0	8.0	26.6	26.6	90.8	90.8	6.6	6.6	19.7	20.2	18	19	85	87	821073	805820	<0.2	<0.2	2.8	2.7
						1.0	0.4	272	24.1		8.0		26.6		90.8		6.6		19.7		18		85				<0.2		2.8	
					Middle	3.2	0.5	262	24.1	24.1	8.0	8.0	26.7	26.7	91.2	91.2	6.6		20.5		18		87				<0.2		2.6	
						3.2	0.5	277	24.1		8.0		26.7		91.2		6.6		20.5		17		87				<0.2		2.6	
					Bottom	5.3	0.4	266	24.0	24.0	8.0	8.0	26.9	26.9	93.7	93.7	6.8	6.8	20.5		20		89				<0.2		2.5	
						5.3	0.4	284	24.0		8.0		26.9		93.7		6.8		20.5		22		90				<0.2		2.6	
IM7	Cloudy	Moderate	16:22	7.4	Surface	1.0	0.6	236	24.8	24.8	8.0	8.0	25.2	25.2	92.2	92.2	6.6	6.5	13.3	16.9	6	7	85	87	821358	806838	<0.2	<0.2	2.8	2.7
						1.0	0.7	253	24.8		8.0		25.2		92.2		6.6		13.3		5		85				<0.2		3.0	
					Middle	3.7	0.5	246	24.0	24.0	8.0	8.0	26.8	26.8	89.2	89.2	6.4		16.9		8		87				<0.2		2.7	
						3.7	0.5	268	24.0		8.0		26.8		89.2		6.4		16.9		8		87				<0.2		2.6	
					Bottom	6.4	0.4	252	24.0	24.0	8.0	8.0	26.9	26.9	89.1	89.1	6.4	6.4	20.6		8		89				<0.2		2.3	
						6.4	0.4	273	24.0		8.0		26.9		89.1		6.4		20.6		8		89				<0.2		2.7	
IM8	Cloudy	Moderate	16:44	7.5	Surface	1.0	0.4	210	24.3	24.3	8.0	8.0	26.0	26.0	93.1	93.1	6.7	6.7	12.0	14.6	9	10	85	87	821717	807823	<0.2	<0.2	2.4	2.5
						1.0	0.4	226	24.3		8.0		26.0		93.1		6.7		12.1		7		85				<0.2		2.3	
					Middle	3.8	0.4	224	24.2	24.2	8.0	8.0	26.4	26.4	91.2	91.2	6.6		15.1		9		87				<0.2		2.5	
						3.8	0.4	232	24.2		8.0		26.4		91.2		6.6		15.1		10		87				<0.2		2.6	
					Bottom	6.5	0.3	244	24.1	24.1	8.0	8.0	26.8	26.8	91.2	91.2	6.6	6.6	16.6		11		89				<0.2		2.5	
						6.5	0.3	264	24.1		8.0		26.8		91.2		6.6		16.6		12		90				<0.2		2.5	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 14 April 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
IM9	Cloudy	Moderate	16:53	6.1	Surface	1.0	0.3	226	24.3	24.3	8.0	8.0	26.1	26.1	92.0	92.0	6.6	6.6	11.1	11.1	7	8	85	87	822084	808807	<0.2	<0.2	2.6	2.4
						1.0	0.3	238	24.3		8.0		26.1		92.0		6.6				7		85				<0.2		2.4	
					Middle	3.1	0.3	265	24.1	24.1	8.0	8.0	26.6	26.6	90.9	90.9	6.6				7		87				<0.2		2.4	
						3.1	0.3	276	24.1		8.0		26.6		90.9		6.6				9		87				<0.2		2.3	
					Bottom	5.1	0.3	271	24.1	24.1	8.0	8.0	26.7	26.7	91.1	91.2	6.6	6.6			9		90				<0.2		2.3	
						5.1	0.3	275	24.1		8.0		26.7		91.2		6.6				8		89				<0.2		2.3	
IM10	Cloudy	Moderate	17:02	6.6	Surface	1.0	0.3	290	24.4	24.4	8.0	8.0	26.1	26.1	92.9	92.9	6.7	6.7	11.3	11.3	4	5	85	87	822229	809817	<0.2	<0.2	2.6	2.6
						1.0	0.3	302	24.4		8.0		26.1		92.9		6.7				5		85				<0.2		2.6	
					Middle	3.3	0.2	288	24.3	24.3	8.0	8.0	26.4	26.4	91.2	91.2	6.6				5		88				<0.2		2.5	
						3.3	0.3	312	24.3		8.0		26.4		91.2		6.6				6		87				<0.2		2.6	
					Bottom	5.6	0.3	289	24.1	24.1	8.0	8.0	26.6	26.6	90.2	90.2	6.5	6.5			6		90				<0.2		2.6	
						5.6	0.3	289	24.1		8.0		26.6		90.2		6.5				6		89				<0.2		2.6	
IM11	Cloudy	Moderate	17:18	6.9	Surface	1.0	0.4	275	24.1	24.1	8.1	8.1	27.2	27.2	94.3	94.3	6.8	6.8	14.4	14.4	5	5	85	87	821472	810571	<0.2	<0.2	2.4	2.3
						1.0	0.4	276	24.1		8.1		27.2		94.3		6.8				4		85				<0.2		2.2	
					Middle	3.5	0.4	291	24.1	24.1	8.1	8.1	27.3	27.3	95.0	95.0	6.8				5		87				<0.2		2.1	
						3.5	0.4	299	24.1		8.1		27.3		95.0		6.8				5		87				<0.2		2.4	
					Bottom	5.9	0.4	305	24.0	24.0	8.1	8.1	27.6	27.6	94.9	94.9	6.8	6.8			6		89				<0.2		2.4	
						5.9	0.4	334	24.0		8.1		27.6		94.9		6.8				6		89				<0.2		2.2	
IM12	Cloudy	Moderate	17:27	8.4	Surface	1.0	0.5	276	24.1	24.1	8.0	8.0	27.0	27.0	94.0	94.0	6.8	6.9	13.6	13.6	6	7	85	87	821169	811512	<0.2	<0.2	1.9	1.9
						1.0	0.5	283	24.1		8.0		27.0		94.0		6.8				6		85				<0.2		2.1	
					Middle	4.2	0.5	281	24.0	24.0	8.1	8.1	27.4	27.4	96.2	96.2	6.9				7		87				<0.2		2.0	
						4.2	0.5	297	24.0		8.1		27.4		96.2		6.9				8		87				<0.2		1.9	
					Bottom	7.4	0.4	279	24.1	24.1	8.1	8.1	27.8	27.8	96.3	96.3	6.9	6.9			7		89				<0.2		1.8	
						7.4	0.4	301	24.1		8.1		27.8		96.3		6.9				6		90				<0.2		1.8	
SR2	Cloudy	Moderate	17:56	4.3	Surface	1.0	0.2	72	23.9	23.9	8.1	8.1	28.3	28.3	92.2	92.3	6.6	6.6	15.8	15.8	12	12	85	86	821460	814195	<0.2	<0.2	1.5	1.4
						1.0	0.3	78	23.9		8.1		28.3		92.3		6.6				12		85				<0.2		1.4	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-				-		-				-		-	
						-	-	-	-		-		-		-		-				-		-				-		-	
					Bottom	3.3	0.2	73	23.9	23.9	8.1	8.1	28.3	28.3	92.3	92.3	6.6	6.6			11		87				<0.2		1.4	
						3.3	0.2	73	23.9		8.1		28.3		92.3		6.6				13		87				<0.2		1.3	
SR3	Cloudy	Moderate	16:38	7.8	Surface	1.0	0.5	199	24.4	24.3	8.0	8.0	25.3	25.3	89.5	89.5	6.5	6.5	15.8	15.8	7	9	-	-	822149	807553	-	-	-	-
						1.0	0.5	214	24.3		8.0		25.3		89.4		6.5				6		-				-		-	
					Middle	3.9	0.4	218	23.9	23.9	7.9	7.9	26.2	26.2	87.7	87.8	6.4				10		-				-		-	
						3.9	0.4	233	23.9		7.9		26.2		87.8		6.4				11		-				-		-	
					Bottom	6.8	0.3	260	23.8	23.8	8.0	8.0	27.1	27.1	88.8	88.8	6.4	6.4			11		-				-		-	
						6.8	0.3	264	23.8		8.0		27.1		88.8		6.4				10		-				-		-	
SR4A	Cloudy	Moderate	17:44	8.7	Surface	1.0	0.4	251	24.4	24.4	8.2	8.2	28.6	28.6	103.2	103.2	7.3	7.3	16.7	16.7	11	13	-	-	817189	807789	-	-	-	-
						1.0	0.4	273	24.4		8.2		28.6		103.2		7.3				10		-				-		-	
					Middle	4.4	0.3	246	24.3	24.3	8.2	8.2	28.6	28.6	102.8	102.8	7.3				11		-				-		-	
						4.4	0.4	269	24.3		8.2		28.6		102.8		7.3				13		-				-		-	
					Bottom	7.7	0.3	256	24.3	24.3	8.2	8.2	28.6	28.6	101.5	101.5	7.2	7.2			16		-				-		-	
						7.7	0.3	265	24.3		8.2		28.6		101.5		7.2				14		-				-		-	
SR5A	Cloudy	Calm	18:01	4.6	Surface	1.0	0.4	297	24.6	24.6	8.2	8.2	28.7	28.7	106.7	106.7	7.6	7.6	15.0	15.0	14	16	-	-	816617	810672	-	-	-	-
						1.0	0.4	303	24.6		8.2		28.7		106.7		7.6				16		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-				-		-				-		-	
						-	-	-	-		-		-		-		-				-		-				-		-	
					Bottom	3.6	0.3	297	24.5	24.5	8.2	8.2	28.8	28.8	103.4	103.4	7.3	7.3			17		-				-		-	
						3.6	0.3	310	24.5		8.2		28.8		103.4		7.3				18		-				-		-	
SR6	Cloudy	Calm	18:25	4.2	Surface	1.0	0.2	249	24.1	24.1	8.2	8.2	28.3	28.3	96.6	96.6	6.9	6.9	12.6	12.6	10	10	-	-	817907	814687	-	-	-	-
						1.0	0.2	271	24.1		8.2		28.3		96.6		6.9				9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-				-		-				-		-	
						-	-	-	-		-		-		-		-				-		-				-		-	
					Bottom	3.2	0.1	254	24.1	24.1	8.2	8.2	28.6	28.6	96.5	96.5	6.9	6.9			10		-				-		-	
						3.2	0.1	272	24.1		8.2		28.6		96.5		6.9				11		-				-		-	
SR7	Cloudy	Moderate	19:00	18.8	Surface	1.0	0.2	279	23.6	23.6	8.1	8.1	30.3	30.3	90.2	90.2	6.4	6.4	10.9	10.9	6	9	-	-	823650	823742	-	-	-	-
						1.0	0.2	304	23.6		8.1		30.3		90.1		6.4				5		-				-		-	
					Middle	9.4	0.2	106	23.3	23.3	8.1	8.1	31.9	31.9	88.7	88.7	6.3				8		-				-		-	
						9.4	0.2	107	23.3		8.1		31.9		88.7		6.3				10		-				-		-	
					Bottom	17.8	0.3	202	23.2	23.2	8.0	8.0	32.3	32.3	88.3	88.3	6.3	6.3			12		-				-		-	
						17.8	0.3	214	23.2		8.0		32.3		88.2		6.3				11		-				-		-	
SR8	Cloudy	Moderate	17:40	4.1	Surface	1.0	-	-	24.3	24.3	8.0	8.0	26.9	26.9	95.0	95.0	6.8	6.8	9.3	9.3	12	11	-	-	820246	811418	-	-	-	-
						1.0	-	-	24.3		8.0		26.9		95.0		6.8				11		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-				-		-				-		-	
						-	-	-	-		-		-		-		-				-		-				-		-	
					Bottom	3.1	-	-	24.3	24.3	8.0	8.0	26.8	26.8	94.8	94.8	6.8	6.8			10		-				-		-	
						3.1	-	-	24.3		8.0		26.8		94.7		6.8				10		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 17 April 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
C1	Cloudy	Moderate	13:08	9.1	Surface	1.0	0.4	201	22.6	22.6	8.2	8.2	32.9	32.9	104.2	104.2	7.4	7.4	11.9	13.8	9	10	83	85	815628	804230	<0.2	<0.2	1.7	1.7
						1.0	0.4	204	22.6		8.2		32.9		104.2		7.4		12.1		9		83				<0.2		1.8	
					Middle	4.6	0.4	220	22.6	22.6	8.2	8.2	33.8	33.8	103.3	103.3	7.3		13.4		10		86				<0.2		1.7	
						4.6	0.4	241	22.6		8.2		33.8		103.3		7.3		13.5		10		85				<0.2		1.6	
					Bottom	8.1	0.4	215	22.6	22.6	8.2	8.2	33.8	33.8	103.1	103.1	7.3	7.3	15.9		11		87				<0.2		1.6	
						8.1	0.4	232	22.6		8.2		33.8		103.1		7.3		16.0		10		87				<0.2		1.6	
C2	Cloudy	Moderate	12:09	11.4	Surface	1.0	0.3	162	22.6	22.6	8.0	8.0	29.0	29.0	94.9	95.0	6.9	7.0	16.8	17.5	13	14	83	86	825670	806916	<0.2	<0.2	1.9	1.8
						1.0	0.4	170	22.6		8.0		29.0		95.0		6.9		16.9		13		84				<0.2		1.8	
					Middle	5.7	0.3	165	22.3	22.3	8.0	8.0	30.1	30.1	95.6	95.6	7.0		17.2		15		85				<0.2		1.7	
						5.7	0.3	175	22.3		8.0		30.1		95.6		7.0		17.1		15		86				<0.2		1.8	
					Bottom	10.4	0.4	140	22.3	22.3	8.0	8.0	30.3	30.3	95.6	95.8	7.0	7.0	18.7		15		88				<0.2		1.9	
						10.4	0.4	151	22.3		8.0		30.2		95.9		7.0		18.2		14		88				<0.2		1.6	
C3	Cloudy	Moderate	13:55	12.5	Surface	1.0	0.6	70	22.9	22.9	8.0	8.0	31.3	31.3	91.6	91.7	6.6	6.6	17.3	17.1	16	17	86	88	822091	817819	<0.2	<0.2	1.1	1.1
						1.0	0.6	73	22.9		8.0		31.3		91.7		6.6		17.3		16		86				<0.2		1.2	
					Middle	6.3	0.4	91	22.8	22.8	8.0	8.0	31.4	31.4	92.2	92.2	6.6		17.1		16		88				<0.2		1.1	
						6.3	0.4	95	22.8		8.0		31.4		92.2		6.6		17.0		15		88				<0.2		1.1	
					Bottom	11.5	0.3	82	22.8	22.8	8.0	8.0	31.5	31.5	93.9	94.0	6.7	6.7	16.8		17		89				<0.2		1.0	
						11.5	0.4	90	22.8		8.0		31.5		94.0		6.7		16.9		19		90				<0.2		1.1	
IM1	Cloudy	Moderate	12:50	7.7	Surface	1.0	0.2	225	22.5	22.5	8.2	8.2	32.6	32.6	101.7	101.7	7.3	7.4	12.1	12.3	13	13	83	85	818371	806473	<0.2	<0.2	1.6	1.5
						1.0	0.2	246	22.5		8.2		32.6		101.7		7.3		12.1		12		83				<0.2		1.5	
					Middle	3.9	0.2	185	22.5	22.5	8.2	8.2	33.0	33.0	102.8	102.8	7.4		12.3		13		86				<0.2		1.5	
						3.9	0.2	187	22.5		8.2		33.0		102.8		7.4		12.4		13		85				<0.2		1.6	
					Bottom	6.7	0.2	174	22.6	22.6	8.2	8.2	33.5	33.5	103.0	103.0	7.3	7.3	12.5		14		87				<0.2		1.5	
						6.7	0.2	176	22.6		8.2		33.5		103.1		7.3		12.5		15		87				<0.2		1.4	
IM2	Cloudy	Moderate	12:45	8.7	Surface	1.0	0.3	227	22.7	22.7	8.2	8.2	31.6	31.5	99.7	99.7	7.2	7.3	10.4	11.2	13	14	84	86	818862	806187	<0.2	<0.2	1.4	1.4
						1.0	0.3	239	22.7		8.2		31.5		99.8		7.2		9.9		14		83				<0.2		1.4	
					Middle	4.4	0.2	201	22.5	22.5	8.2	8.2	32.9	33.0	101.8	101.8	7.3		10.9		15		85				<0.2		1.5	
						4.4	0.2	204	22.5		8.2		33.0		101.8		7.3		11.2		14		86				<0.2		1.4	
					Bottom	7.7	0.2	193	22.5	22.5	8.2	8.2	33.2	33.2	101.8	101.8	7.3	7.3	12.5		14		88				<0.2		1.5	
						7.7	0.2	210	22.5		8.2		33.2		101.8		7.3		12.4		14		88				<0.2		1.4	
IM3	Cloudy	Moderate	12:40	8.7	Surface	1.0	0.3	129	22.5	22.5	8.2	8.2	33.0	33.1	101.9	101.9	7.3	7.3	13.5	14.2	14	14	84	86	819403	806044	<0.2	<0.2	1.4	1.5
						1.0	0.3	131	22.5		8.2		33.1		101.9		7.3		13.5		13		84				<0.2		1.3	
					Middle	4.4	0.3	131	22.5	22.5	8.2	8.2	33.1	33.1	101.6	101.6	7.3		13.6		14		86				<0.2		1.4	
						4.4	0.3	136	22.5		8.2		33.1		101.6		7.3		13.9		15		85				<0.2		1.5	
					Bottom	7.7	0.3	149	22.5	22.5	8.2	8.2	33.2	33.2	102.0	102.0	7.3	7.3	15.5		14		88				<0.2		1.5	
						7.7	0.3	149	22.5		8.2		33.2		102.1		7.3		15.5		14		88				<0.2		1.7	
IM4	Cloudy	Moderate	12:32	8.8	Surface	1.0	0.3	131	22.5	22.5	8.2	8.2	32.5	32.5	102.6	102.6	7.4	7.4	13.0	13.3	9	12	84	87	819591	805068	<0.2	<0.2	1.5	1.7
						1.0	0.3	134	22.5		8.2		32.5		102.7		7.4		12.3		9		85				<0.2		1.7	
					Middle	4.4	0.1	158	22.5	22.5	8.2	8.2	32.9	32.9	103.0	103.0	7.4		13.3		13		87				<0.2		1.6	
						4.4	0.2	159	22.5		8.2		32.9		103.0		7.4		13.5		13		87				<0.2		1.7	
					Bottom	7.8	0.1	148	22.5	22.5	8.2	8.2	33.3	33.3	103.0	103.0	7.3	7.3	13.9		14		89				<0.2		1.7	
						7.8	0.1	156	22.5		8.2		33.3		103.0		7.3		14.0		14		89				<0.2		1.7	
IM5	Cloudy	Moderate	12:22	7.2	Surface	1.0	0.2	171	22.4	22.4	8.2	8.2	32.6	32.6	101.3	101.3	7.3	7.3	14.6	14.4	14	15	84	85	820552	804920	<0.2	<0.2	1.6	1.5
						1.0	0.2	180	22.4		8.2		32.6		101.3		7.3		14.6		16		83				<0.2		1.4	
					Middle	3.6	0.2	179	22.4	22.4	8.2	8.2	32.7	32.7	101.3	101.3	7.3		14.7		14		85				<0.2		1.4	
						3.6	0.2	187	22.4		8.2		32.7		101.3		7.3		14.5		15		85				<0.2		1.6	
					Bottom	6.2	0.2	180	22.4	22.4	8.2	8.2	32.8	32.8	101.8	101.8	7.3	7.3	14.0		15		87				<0.2		1.4	
						6.2	0.2	190	22.4		8.2		32.8		101.9		7.3		14.1		16		87				<0.2		1.5	
IM6	Cloudy	Moderate	12:14	7.6	Surface	1.0	0.3	105	22.5	22.5	8.2	8.2	32.4	32.5	101.7	101.7	7.3	7.3	14.6	15.3	12	14	83	86	821031	805830	<0.2	<0.2	1.4	1.5
						1.0	0.3	108	22.4		8.2		32.5		101.7		7.3		14.8		14		84				<0.2		1.4	
					Middle	3.8	0.2	120	22.4	22.4	8.2	8.2	32.8	32.8	101.5	101.5	7.3		15.7		14		85				<0.2		1.4	
						3.8	0.2	126	22.4		8.2		32.8		101.5		7.3		15.9		13		85				<0.2		1.5	
					Bottom	6.6	0.2	150	22.4	22.4	8.2	8.2	32.9	32.9	102.1	102.1	7.3	7.3	15.4		14		88				<0.2		1.5	
						6.6	0.2	156	22.4		8.2		32.9		102.1		7.3		15.5		16		88				<0.2		1.5	
IM7	Cloudy	Moderate	12:08	8.9	Surface	1.0	0.2	117	22.3	22.3	8.2	8.2	32.1	32.1	98.9	98.9	7.1	7.1	14.7	14.4	18	18	83	86	821339	806806	<0.2	<0.2	1.6	1.6
						1.0	0.2	119	22.3		8.2		32.1		98.9		7.1		15.3		17		83				<0.2		1.6	
					Middle	4.5	0.2	92	22.3	22.3	8.2	8.2	32.1	32.1	99.0	99.0	7.1		14.3		17		86				<0.2		1.6	
						4.5	0.2	98	22.3		8.2		32.1		99.0		7.1		14.5		17		86				<0.2		1.4	
					Bottom	7.9	0.2	90	22.3	22.3	8.2	8.2	32.1	32.2	99.2	99.4	7.2	7.2	14.0		18		88				<0.2		1.7	
						7.9	0.2	90	22.3		8.2		32.2		99.6		7.2		13.7		18		87				<0.2		1.7	
IM8	Cloudy	Moderate	12:32	8.4	Surface	1.0	0.3	115	23.0	23.0	8.0	8.0	29.3	29.3	97.1	97.1	7.0	7.1	11.4	14.7	10	12	84	86	821701	807842	<0.2	<0.2	1.8	1.8
						1.0	0.4	116	23.0		8.0		29.3		97.1		7.0		11.4		11		84				<0.2		1.8	
					Middle	4.2	0.3	62	22.2	22.2	8.1	8.1	32.1	32.1	98.9	98.9	7.2		15.3		13		85				<0.2		1.7	
						4.2	0.3	63	22.2		8.1		32.1		98.9		7.2		15.2		13		86				<0.2		2.0	
					Bottom	7.4	0.3	53	22.2	22.2	8.1	8.1	32.4	32.4	99.7	99.7	7.2	7.2	17.5		13		88				<0.2		1.8	
						7.4	0.3	57	22.2		8.1		32.4		99.7		7.2		17.5		13		88				<0.2		1.9	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 17 April 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
IM9	Cloudy	Moderate	12:40	7.4	Surface	1.0	0.5	109	22.6	22.6	8.0	8.0	29.8	29.8	97.4	97.4	7.1	7.1	12.6	16.4	11	12	83	86	822070	808839	<0.2	<0.2	1.8	1.8
						1.0	0.5	113	22.6		8.0		29.8		97.4		7.1		12.7		11		83				<0.2		1.8	
					Middle	3.7	0.5	83	22.3	22.3	8.1	8.1	31.2	31.2	98.4	98.5	7.1		15.4		13		86				<0.2		1.8	
						3.7	0.5	83	22.3		8.1		31.2		98.5		7.1		15.5		12		86				<0.2		1.7	
					Bottom	6.4	0.4	69	22.2	22.2	8.1	8.1	32.0	32.0	98.9	99.0	7.2	7.2	21.2		11		88				<0.2		1.8	
						6.4	0.4	72	22.2		8.1		32.0		99.1		7.2		21.2		11		88				<0.2		1.8	
IM10	Cloudy	Moderate	12:48	7.9	Surface	1.0	0.6	107	22.6	22.6	8.0	8.0	29.8	29.8	96.6	96.7	7.0	7.0	12.4	14.6	11	12	84	87	822263	809839	<0.2	<0.2	1.8	1.8
						1.0	0.6	108	22.6		8.0		29.8		96.7		7.0		12.4		11		84				<0.2		2.0	
					Middle	4.0	0.6	97	22.3	22.3	8.1	8.1	30.7	30.7	96.6	96.6	7.0		14.7		12		88				<0.2		1.7	
						4.0	0.6	106	22.3		8.1		30.7		96.6		7.0		14.7		12		88				<0.2		1.8	
					Bottom	6.9	0.4	80	22.2	22.2	8.1	8.1	31.7	31.7	98.1	98.1	7.1	7.1	16.7		13		89				<0.2		1.8	
						6.9	0.4	87	22.2		8.1		31.7		98.1		7.1		16.8		13		90				<0.2		1.8	
IM11	Cloudy	Moderate	13:02	8.0	Surface	1.0	0.6	107	22.7	22.7	8.0	8.0	29.7	29.7	97.1	97.1	7.1	7.1	12.0	16.2	9	11	84	86	821491	810568	<0.2	<0.2	1.7	1.8
						1.0	0.6	110	22.7		8.0		29.7		97.1		7.1		11.9		10		84				<0.2		1.8	
					Middle	4.0	0.5	96	22.5	22.5	8.1	8.1	30.9	30.9	97.6	97.6	7.1		16.9		11		85				<0.2		1.6	
						4.0	0.5	97	22.5		8.1		30.9		97.6		7.1		17.1		9		86				<0.2		1.9	
					Bottom	7.0	0.4	62	22.3	22.3	8.1	8.1	31.5	31.5	98.1	98.2	7.1	7.1	19.8		13		88				<0.2		1.7	
						7.0	0.4	67	22.3		8.1		31.5		98.3		7.1		19.7		15		88				<0.2		1.8	
IM12	Cloudy	Moderate	13:10	8.9	Surface	1.0	0.4	107	22.5	22.5	8.2	8.2	30.5	30.5	96.5	96.5	7.0	7.0	16.0	18.5	10	10	84	86	821143	811490	<0.2	<0.2	1.5	1.6
						1.0	0.4	116	22.5		8.2		30.5		96.5		7.0		16.1		10		84				<0.2		1.6	
					Middle	4.5	0.5	96	22.5	22.5	8.2	8.2	30.8	30.8	96.8	96.8	7.0		19.1		10		86				<0.2		1.5	
						4.5	0.5	98	22.5		8.2		30.8		96.8		7.0		19.2		9		86				<0.2		1.6	
					Bottom	7.9	0.5	86	22.4	22.4	8.1	8.1	31.1	31.1	97.9	98.0	7.1	7.1	20.3		10		89				<0.2		1.6	
						7.9	0.5	88	22.4		8.1		31.1		98.0		7.1		20.4		12		89				<0.2		1.6	
SR2	Cloudy	Moderate	13:35	4.3	Surface	1.0	0.4	69	22.6	22.6	8.1	8.1	30.1	30.1	94.5	94.6	6.9	6.9	16.4	17.7	12	13	85	87	821486	814136	<0.2	<0.2	1.0	1.1
						1.0	0.5	69	22.6		8.1		30.1		94.7		6.9		16.5		14		85				<0.2		1.1	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.4	65	22.6	22.6	8.0	8.0	30.1	30.1	97.0	97.1	7.0	7.1	18.8		13		88				<0.2		1.1	
						3.3	0.4	67	22.6		8.0		30.1		97.1		7.1		18.9		14		88				<0.2		1.0	
SR3	Cloudy	Moderate	12:27	9.2	Surface	1.0	0.3	136	22.6	22.6	8.0	8.0	29.7	29.7	96.7	96.8	7.0	7.1	13.5	17.7	11	12	-	-	822144	807575	-	-	-	-
						1.0	0.3	146	22.6		8.0		29.7		96.9		7.1		13.4		13		-				-		-	
					Middle	4.6	0.3	78	22.2	22.2	8.1	8.1	32.0	32.0	97.9	97.9	7.1		17.8		12		-				-		-	
						4.6	0.3	80	22.2		8.1		32.0		97.9		7.1		17.9		12		-				-		-	
					Bottom	8.2	0.3	59	22.2	22.2	8.1	8.1	32.2	32.2	98.1	98.1	7.1	7.1	21.9		10		-				-		-	
						8.2	0.4	61	22.2		8.1		32.2		98.1		7.1		21.9		12		-				-		-	
SR4A	Cloudy	Calm	13:29	8.8	Surface	1.0	0.3	51	22.6	22.6	8.2	8.2	33.1	33.1	101.8	101.7	7.3	7.3	14.2	15.3	12	14	-	-	817214	807813	-	-	-	-
						1.0	0.3	52	22.6		8.2		33.2		101.7		7.3		14.1		11		-				-		-	
					Middle	4.4	0.3	70	22.5	22.5	8.2	8.2	33.5	33.5	101.3	101.3	7.2		15.8		14		-				-		-	
						4.4	0.3	70	22.5		8.2		33.5		101.3		7.2		16.0		14		-				-		-	
					Bottom	7.8	0.2	61	22.5	22.5	8.2	8.2	33.5	33.5	101.9	101.9	7.3	7.3	15.8		15		-				-		-	
						7.8	0.2	61	22.5		8.2		33.5		101.9		7.3		15.9		15		-				-		-	
SR5A	Cloudy	Calm	13:45	4.3	Surface	1.0	0.1	88	22.5	22.5	8.1	8.1	29.4	29.4	95.0	95.1	6.9	7.0	14.6	15.2	10	12	-	-	816574	810704	-	-	-	-
						1.0	0.1	91	22.5		8.1		29.4		95.2		7.0		14.9		9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.1	115	22.4	22.4	8.1	8.1	31.4	31.3	98.9	99.0	7.2	7.2	15.6		13		-				-		-	
						3.3	0.1	125	22.4		8.1		31.3		99.1		7.2		15.7		14		-				-		-	
SR6	Cloudy	Calm	14:07	4.0	Surface	1.0	0.1	356	22.8	22.8	8.1	8.1	29.0	29.0	92.3	92.3	6.7	6.7	9.2	8.7	6	7	-	-	817928	814690	-	-	-	-
						1.0	0.1	328	22.8		8.1		29.0		92.4		6.7		9.1		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	0.1	335	22.8	22.8	8.1	8.1	29.1	29.1	95.0	95.1	6.9	6.9	8.4		6		-				-		-	
						3.0	0.1	345	22.8		8.1		29.1		95.3		6.9		8.3		8		-				-		-	
SR7	Cloudy	Moderate	14:22	20.3	Surface	1.0	1.0	74	23.1	23.1	8.0	8.0	30.9	30.9	93.6	93.6	6.7	6.7	8.2	9.4	9	10	-	-	823610	823718	-	-	-	-
						1.0	1.0	75	23.1		8.0		30.9		93.5		6.7		8.2		10		-				-		-	
					Middle	10.2	0.5	58	22.9	22.9	8.0	8.0	31.9	31.9	91.8	91.8	6.6		9.7		10		-				-		-	
						10.2	0.5	62	22.9		8.0		31.9		91.8		6.6		9.7		12		-				-		-	
					Bottom	19.3	0.4	18	22.8	22.8	8.0	8.0	32.1	32.1	91.8	91.8	6.6	6.6	10.2		10		-				-		-	
						19.3	0.4	18	22.8		8.0		32.1		91.8		6.6		10.1		10		-				-		-	
SR8	Cloudy	Moderate	13:18	4.0	Surface	1.0	-	-	22.9	22.9	8.1	8.1	29.8	29.8	95.0	95.1	6.9	6.9	15.9	18.1	10	11	-	-	820246	811418	-	-	-	-
						1.0	-	-	22.9		8.1		29.8		95.1		6.9		16.1		12		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	22.6	22.6	8.1	8.1	30.1	30.0	96.1	96.4	7.0	7.0	20.1		11		-				-		-	
						3.0	-	-	22.7		8.1		30.0		96.6		7.0		20.3		10		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 17 April 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
C1	Cloudy	Moderate	07:46	8.5	Surface	1.0	0.6	55	22.2	22.2	8.2	8.2	32.1	32.1	98.4	98.4	7.1	7.1	15.5	19.8	24	28	85	89	815610	804244	<0.2	<0.2	1.5	1.5
						1.0	0.6	57	22.2		8.2		32.1		98.4		7.1		15.7		24		85				<0.2		1.5	
					Middle	4.3	0.5	50	22.2	22.2	8.2	8.2	32.1	32.1	98.0	98.0	7.1		16.9		29		88				<0.2		1.5	
						4.3	0.6	53	22.2		8.2		32.1		98.0		7.1		17.8		31		88				<0.2		1.5	
					Bottom	7.5	0.5	48	22.3	22.3	8.2	8.2	32.2	32.2	98.0	98.0	7.1	7.1	26.6		30		93				<0.2		1.5	
						7.5	0.6	49	22.3		8.2		32.2		98.1		7.1		26.5		32		92				<0.2		1.5	
C2	Rainy	Moderate	08:10	12.1	Surface	1.0	0.5	346	22.6	22.6	7.9	7.9	27.7	27.7	91.7	91.7	6.8	6.8	12.3	13.1	7	8	85	88	825680	806946	<0.2	<0.2	2.1	2.2
						1.0	0.5	356	22.6		7.9		27.7		91.7		6.8		12.4		8		85				<0.2		2.3	
					Middle	6.1	0.6	353	22.9	22.9	8.0	8.0	28.7	28.7	92.3	92.3	6.7		13.2		9		88				<0.2		2.2	
						6.1	0.7	325	22.9		8.0		28.7		92.3		6.7		13.2		7		88				<0.2		2.2	
					Bottom	11.1	0.5	343	22.9	22.9	8.0	8.0	28.7	28.7	93.5	93.7	6.8	6.8	13.6		8		89				<0.2		2.2	
						11.1	0.5	345	22.9		8.0		28.7		93.9		6.8		13.7		9		90				<0.2		2.2	
C3	Rainy	Moderate	06:27	11.2	Surface	1.0	0.6	266	22.6	22.6	8.0	8.0	30.0	30.0	92.5	92.5	6.7	6.6	12.2	14.1	8	8	84	86	822079	817774	<0.2	<0.2	1.7	1.9
						1.0	0.6	279	22.6		8.0		30.0		92.4		6.7		12.4		8		84				<0.2		1.9	
					Middle	5.6	0.6	268	22.9	22.9	8.0	8.0	31.4	31.4	91.0	91.0	6.5		15.8		7		85				<0.2		2.0	
						5.6	0.6	269	22.9		8.0		31.4		90.9		6.5		15.9		8		85				<0.2		2.0	
					Bottom	10.2	0.4	273	22.9	22.9	8.0	8.0	31.4	31.4	91.8	91.9	6.6	6.6	14.2		7		88				<0.2		2.0	
						10.2	0.5	279	22.9		8.0		31.4		91.9		6.6		14.3		7		88				<0.2		1.9	
IM1	Cloudy	Moderate	08:02	7.6	Surface	1.0	0.8	343	22.2	22.2	8.2	8.2	30.8	30.8	96.5	96.5	7.0	7.0	12.7	19.2	9	11	85	87	818375	806444	<0.2	<0.2	1.7	1.7
						1.0	0.8	316	22.2		8.2		30.8		96.5		7.0		13.0		9		85				<0.2		1.8	
					Middle	3.8	0.8	351	22.3	22.3	8.2	8.2	31.1	31.2	96.4	96.4	7.0		20.7		11		87				<0.2		1.8	
						3.8	0.8	323	22.3		8.2		31.2		96.4		7.0		20.8		10		87				<0.2		1.6	
					Bottom	6.6	0.7	347	22.3	22.3	8.2	8.2	31.4	31.4	96.7	96.7	7.0	7.0	24.3		12		89				<0.2		1.6	
						6.6	0.7	319	22.3		8.2		31.4		96.7		7.0		23.9		14		90				<0.2		1.6	
IM2	Cloudy	Moderate	08:07	8.6	Surface	1.0	0.7	31	22.3	22.3	8.2	8.2	30.6	30.6	96.5	96.5	7.0	7.0	12.3	18.4	9	10	84	87	818861	806189	<0.2	<0.2	1.6	1.6
						1.0	0.7	31	22.3		8.2		30.6		96.5		7.0		12.5		8		84				<0.2		1.6	
					Middle	4.3	0.6	35	22.3	22.3	8.2	8.2	30.7	30.7	96.5	96.5	7.0		18.7		10		86				<0.2		1.5	
						4.3	0.7	38	22.3		8.2		30.7		96.5		7.0		19.0		11		87				<0.2		1.5	
					Bottom	7.6	0.6	35	22.3	22.3	8.2	8.2	31.9	31.9	96.8	96.8	7.0	7.0	24.2		11		89				<0.2		1.6	
						7.6	0.6	35	22.3		8.2		31.8		96.8		7.0		23.5		12		89				<0.2		1.6	
IM3	Cloudy	Moderate	08:12	8.5	Surface	1.0	0.6	45	22.3	22.3	8.2	8.2	30.4	30.4	96.3	96.2	7.0	7.0	11.5	18.9	8	9	85	88	819401	806046	<0.2	<0.2	1.6	1.6
						1.0	0.7	48	22.3		8.2		30.4		96.2		7.0		12.3		8		85				<0.2		1.6	
					Middle	4.3	0.7	40	22.3	22.3	8.2	8.2	30.6	30.6	96.3	96.3	7.0		15.5		8		87				<0.2		1.6	
						4.3	0.7	42	22.3		8.2		30.6		96.3		7.0		16.6		8		88				<0.2		1.6	
					Bottom	7.5	0.6	41	22.2	22.2	8.2	8.2	31.6	31.6	97.4	97.4	7.1	7.1	29.5		9		91				<0.2		1.5	
						7.5	0.6	44	22.2		8.2		31.6		97.4		7.1		28.3		10		90				<0.2		1.6	
IM4	Rainy	Moderate	08:20	8.0	Surface	1.0	0.5	354	22.3	22.3	8.1	8.1	29.9	29.9	96.1	96.1	7.0	7.0	10.7	19.0	11	11	85	88	819582	805020	<0.2	<0.2	1.6	1.7
						1.0	0.5	326	22.3		8.1		29.9		96.1		7.0		10.7		10		86				<0.2		1.7	
					Middle	4.0	0.5	3	22.2	22.2	8.2	8.2	31.4	31.4	96.9	96.9	7.0		22.6		11		89				<0.2		1.7	
						4.0	0.5	3	22.2		8.2		31.4		96.9		7.0		22.9		10		88				<0.2		1.7	
					Bottom	7.0	0.4	6	22.2	22.2	8.2	8.2	31.6	31.6	97.3	97.3	7.0	7.1	23.5		13		91				<0.2		1.6	
						7.0	0.4	6	22.2		8.2		31.6		97.4		7.1		23.5		11		91				<0.2		1.6	
IM5	Rainy	Rough	08:30	7.2	Surface	1.0	0.7	354	22.2	22.2	8.1	8.1	30.2	30.2	96.7	96.7	7.1	7.1	15.3	19.9	18	17	86	89	820566	804950	<0.2	<0.2	1.5	1.5
						1.0	0.8	326	22.2		8.1		30.2		96.8		7.1		15.3		18		86				<0.2		1.5	
					Middle	3.6	0.7	357	22.2	22.2	8.1	8.1	30.7	30.7	97.1	97.1	7.1		21.5		17		89				<0.2		1.5	
						3.6	0.7	328	22.2		8.1		30.7		97.2		7.1		21.6		18		88				<0.2		1.5	
					Bottom	6.2	0.7	356	22.2	22.2	8.2	8.2	30.9	30.9	97.7	97.7	7.1	7.1	22.9		16		91				<0.2		1.6	
						6.2	0.8	328	22.2		8.2		30.9		97.8		7.1		22.9		16		91				<0.2		1.5	
IM6	Rainy	Moderate	08:38	7.3	Surface	1.0	0.4	28	22.3	22.3	8.2	8.2	30.4	30.4	95.8	95.8	7.0	7.0	20.6	20.5	22	23	85	88	821081	805837	<0.2	<0.2	1.5	1.5
						1.0	0.4	28	22.3		8.2		30.4		95.8		7.0		20.3		21		85				<0.2		1.5	
					Middle	3.7	0.4	33	22.3	22.3	8.2	8.2	30.4	30.4	95.8	95.8	7.0		20.5		22		88				<0.2		1.6	
						3.7	0.4	33	22.3		8.2		30.4		95.8		7.0		20.7		22		88				<0.2		1.5	
					Bottom	6.3	0.4	35	22.3	22.3	8.2	8.2	30.4	30.4	96.0	96.0	7.0	7.0	20.5		25		91				<0.2		1.5	
						6.3	0.4	36	22.3		8.2		30.4		96.1		7.0		20.2		23		91				<0.2		1.6	
IM7	Rainy	Moderate	08:54	8.7	Surface	1.0	0.6	19	22.3	22.3	8.2	8.2	30.2	30.2	95.6	95.6	7.0	7.0	12.2	14.2	14	15	84	87	821330	806834	<0.2	<0.2	1.6	1.6
						1.0	0.6	19	22.3		8.2		30.2		95.6		7.0		12.4		14		85				<0.2		1.6	
					Middle	4.4	0.7	12	22.4	22.4	8.2	8.2	30.3	30.3	96.5	96.5	7.0		15.7		15		87				<0.2		1.6	
						4.4	0.7	13	22.4		8.2		30.3		96.6		7.0		15.9		16		87				<0.2		1.5	
					Bottom	7.7	0.6	7	22.4	22.4	8.2	8.2	30.5	30.5	98.8	98.8	7.2	7.2	14.5		14		89				<0.2		1.5	
						7.7	0.6	7	22.4		8.2		30.5		98.9		7.2		14.4		15		89				<0.2		1.6	
IM8	Rainy	Moderate	07:46	8.2	Surface	1.0	0.2	66	22.6	22.6	8.1	8.1	28.7	28.8	94.0	94.0	6.9	6.9	16.8	19.2	13	13	83	86	821711	807839	<0.2	<0.2	1.8	1.8
						1.0	0.2	67	22.6		8.1		28.8		94.0		6.9		16.7		12		84				<0.2		1.8	
					Middle	4.1	0.3	52	22.6	22.6	8.2	8.2	29.0	29.0	94.5	94.6	6.9		20.3		11		86				<0.2		1.7	
						4.1	0.3	54	22.6		8.2		29.0		94.6		6.9		20.4		12		86				<0.2		1.8	
					Bottom	7.2	0.3	51	22.6	22.6	8.2	8.2	29.0	29.0	95.7	95.8	7.0	7.0	20.4		16		88				<0.2		1.9	
						7.2	0.3	51	22.6		8.2		29.0		95.8		7.0		20.3		14		88				<0.2		1.9	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 17 April 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
IM9	Rainy	Moderate	07:38	7.4	Surface	1.0	0.3	339	22.7	22.7	8.0	8.0	29.4	29.4	94.4	94.4	6.9	6.9	18.3	19.4	19	20	84	86	822082	808793	<0.2	<0.2	1.6	1.6
						1.0	0.4	312	22.7		8.0		29.4		94.4		6.9		18.6		20		84				<0.2		1.5	
					Middle	3.7	0.3	339	22.7	22.7	8.0	8.0	29.4	29.4	94.8	94.9	6.9		19.3		19		85				<0.2		1.6	
						3.7	0.4	349	22.7		8.0		29.4		94.9		6.9		19.2		20		86				<0.2		1.7	
					Bottom	6.4	0.3	335	22.7	22.7	8.0	8.0	29.4	29.4	97.6	97.7	7.1	7.1	20.3		20		88				<0.2		1.6	
						6.4	0.3	336	22.7		8.0		29.4		97.7		7.1		20.6		22		89				<0.2		1.6	
IM10	Rainy	Moderate	07:31	6.7	Surface	1.0	0.6	311	22.5	22.5	8.0	8.0	29.7	29.7	94.6	94.6	6.9	6.9	16.8	19.6	20	21	85	88	822232	809851	<0.2	<0.2	1.6	1.6
						1.0	0.6	330	22.5		8.0		29.7		94.6		6.9		16.9		21		86				<0.2		1.5	
					Middle	3.4	0.5	315	22.5	22.5	8.0	8.0	29.7	29.7	94.8	94.9	6.9		19.1		23		88				<0.2		1.5	
						3.4	0.6	343	22.5		8.0		29.7		94.9		6.9		19.1		22		88				<0.2		1.6	
					Bottom	5.7	0.5	315	22.5	22.5	8.0	8.0	29.7	29.7	95.3	95.4	7.0	7.0	22.7		21		89				<0.2		1.6	
						5.7	0.5	316	22.5		8.0		29.7		95.4		7.0		22.7		21		90				<0.2		1.5	
IM11	Rainy	Moderate	07:16	7.1	Surface	1.0	0.5	280	22.5	22.5	8.1	8.1	29.8	29.8	94.6	94.7	6.9	6.9	16.1	19.1	19	21	85	87	821512	810557	<0.2	<0.2	1.6	1.6
						1.0	0.5	297	22.5		8.1		29.8		94.7		6.9		15.8		21		86				<0.2		1.6	
					Middle	3.6	0.5	287	22.4	22.4	8.0	8.0	29.7	29.7	94.8	94.8	6.9		20.3		20		87				<0.2		1.6	
						3.6	0.5	300	22.4		8.0		29.7		94.8		6.9		20.2		21		88				<0.2		1.6	
					Bottom	6.1	0.4	292	22.5	22.5	8.1	8.1	29.9	29.9	95.6	95.6	7.0	7.0	21.1		23		89				<0.2		1.6	
						6.1	0.5	318	22.5		8.1		29.9		95.6		7.0		21.1		21		89				<0.2		1.5	
IM12	Rainy	Moderate	07:09	8.7	Surface	1.0	0.9	275	22.5	22.5	8.0	8.0	29.8	29.8	93.9	93.9	6.8	6.9	15.3	16.9	10	11	85	87	821143	811527	<0.2	<0.2	1.8	1.8
						1.0	1.0	285	22.5		8.0		29.8		93.9		6.8		15.3		12		85				<0.2		1.8	
					Middle	4.4	0.8	278	22.5	22.5	8.0	8.0	30.0	30.0	94.4	94.5	6.9		16.7		11		88				<0.2		1.8	
						4.4	0.9	300	22.5		8.0		30.0		94.6		6.9		16.9		10		88				<0.2		1.8	
					Bottom	7.7	0.6	287	22.5	22.5	8.0	8.0	30.1	30.1	95.0	95.1	6.9	6.9	18.4		10		89				<0.2		1.8	
						7.7	0.6	290	22.5		8.0		30.1		95.2		6.9		18.5		11		89				<0.2		1.8	
SR2	Rainy	Moderate	06:46	4.5	Surface	1.0	0.2	93	22.5	22.5	8.0	8.0	29.6	29.6	93.6	93.6	6.8	6.8	19.2	18.9	14	16	85	87	821483	814166	<0.2	<0.2	1.7	1.8
						1.0	0.2	96	22.5		8.0		29.6		93.6		6.8		19.0		14		85				<0.2		1.8	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.2	68	22.6	22.6	8.0	8.0	29.9	29.9	93.5	93.5	6.8	6.8	18.6		18		88				<0.2		1.7	
						3.5	0.2	73	22.6		8.0		29.9		93.5		6.8		18.6		18		88				<0.2		1.8	
SR3	Rainy	Moderate	07:51	8.8	Surface	1.0	0.3	14	22.7	22.7	8.0	8.0	28.0	28.0	93.0	93.0	6.8	6.9	11.2	16.6	9	8	-	-	822162	807584	-	-	-	-
						1.0	0.3	14	22.7		8.0		28.0		92.9		6.8		11.3		7		-				-		-	
					Middle	4.4	0.4	18	22.7	22.7	8.0	8.0	28.4	28.4	93.9	94.1	6.9		16.3		8		-				-		-	
						4.4	0.4	19	22.7		8.0		28.4		94.3		6.9		16.4		8		-				-		-	
					Bottom	7.8	0.4	21	22.7	22.7	8.0	8.0	28.9	28.9	95.4	95.6	7.0	7.0	22.2		8		-				-		-	
						7.8	0.4	21	22.7		8.0		28.9		95.7		7.0		22.1		7		-				-		-	
SR4A	Cloudy	Calm	07:24	9.1	Surface	1.0	0.3	255	22.4	22.4	8.1	8.1	29.9	29.9	89.5	89.5	6.5	6.6	14.8	15.6	13	14	-	-	817172	807802	-	-	-	-
						1.0	0.4	280	22.4		8.1		29.9		89.6		6.5		14.8		12		-				-		-	
					Middle	4.6	0.2	253	22.4	22.4	8.1	8.1	30.1	30.1	90.0	90.0	6.6		16.6		14		-				-		-	
						4.6	0.2	261	22.3		8.1		30.1		90.0		6.6		16.6		14		-				-		-	
					Bottom	8.1	0.1	285	22.3	22.3	8.1	8.1	30.2	30.2	91.0	91.0	6.6	6.6	15.6		15		-				-		-	
						8.1	0.1	308	22.3		8.1		30.2		91.1		6.6		15.4		17		-				-		-	
SR5A	Cloudy	Calm	06:55	4.3	Surface	1.0	0.4	296	22.5	22.5	8.1	8.1	29.1	29.1	92.6	92.6	6.8	6.8	13.1	13.1	10	12	-	-	816598	810710	-	-	-	-
						1.0	0.5	309	22.5		8.1		29.1		92.7		6.8		13.3		9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.4	295	22.5	22.5	8.1	8.1	29.1	29.1	98.1	99.5	7.2	7.3	13.1		14		-				-		-	
						3.3	0.4	321	22.5		8.1		29.1		100.9		7.4		13.1		15		-				-		-	
SR6	Cloudy	Calm	06:34	4.0	Surface	1.0	0.2	251	22.6	22.6	8.1	8.1	28.8	28.8	89.1	89.1	6.5	6.5	8.3	9.4	6	6	-	-	817897	814649	-	-	-	-
						1.0	0.2	258	22.6		8.1		28.8		89.2		6.5		8.8		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	0.2	251	22.8	22.8	8.1	8.1	29.6	29.6	90.4	90.4	6.6	6.6	10.1		5		-				-		-	
						3.0	0.3	273	22.8		8.1		29.6		90.4		6.6		10.3		6		-				-		-	
SR7	Rainy	Moderate	05:53	19.6	Surface	1.0	0.1	200	22.7	22.7	8.0	8.0	30.4	30.4	94.0	94.0	6.8	6.8	8.7	8.7	5	6	-	-	823656	823726	-	-	-	-
						1.0	0.1	217	22.7		8.0		30.4		94.0		6.8		8.8		6		-				-		-	
					Middle	9.8	0.1	197	22.7	22.7	8.0	8.0	30.4	30.4	93.6	93.6	6.8		8.6		6		-				-		-	
						9.8	0.1	212	22.7		8.0		30.4		93.6		6.8		8.6		6		-				-		-	
					Bottom	18.6	0.3	203	22.8	22.8	8.0	8.0	30.6	30.6	95.6	95.6	6.9	6.9	8.8		6		-				-		-	
						18.6	0.3	212	22.8		8.0		30.6		95.6		6.9		8.8		5		-				-		-	
SR8	Rainy	Moderate	07:02	3.8	Surface	1.0	-	-	22.5	22.5	8.0	8.0	29.4	29.4	95.6	95.7	7.0	7.0	15.8	16.3	15	17	-	-	820246	811418	-	-	-	-
						1.0	-	-	22.5		8.0		29.4		95.8		7.0		15.9		16		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.8	-	-	22.4	22.4	8.0	8.0	29.4	29.4	95.9	96.0	7.0	7.0	16.7		18		-				-		-	
						2.8	-	-	22.4		8.0		29.4		96.0		7.0		16.8		19		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 19 April 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
C1	Fine	Moderate	14:27	8.9	Surface	1.0	0.5	178	23.1	23.1	8.2	8.2	32.6	32.6	103.5	103.5	7.4	7.4	10.3	12.5	8	10	83	86	815612	804219	<0.2	<0.2	2.0	2.0
						1.0	0.5	188	23.1		8.2		32.6		103.5		7.4		10.5		9		83				<0.2		1.9	
					Middle	4.5	0.5	187	22.9	22.9	8.2	8.2	32.8	32.8	102.2	102.2	7.3		12.4		10		86				<0.2		1.9	
						4.5	0.5	197	22.9		8.2		32.8		102.2		7.3		12.7		9		86				<0.2		2.0	
					Bottom	7.9	0.4	192	22.8	22.8	8.2	8.2	33.0	33.0	102.0	102.0	7.3	7.3	14.7		11		89				<0.2		2.2	
						7.9	0.4	208	22.8		8.2		33.0		102.0		7.3		14.4		10		89				<0.2		2.2	
C2	Cloudy	Moderate	13:29	12.5	Surface	1.0	0.4	177	23.2	23.2	8.0	8.0	29.6	29.6	91.8	91.8	6.6	6.6	13.4	17.4	6	8	85	88	825662	806964	<0.2	<0.2	1.4	1.4
						1.0	0.4	182	23.2		8.0		29.6		91.7		6.6		13.6		7		85				<0.2		1.4	
					Middle	6.3	0.3	174	22.9	22.9	8.0	8.0	31.0	31.0	90.5	90.5	6.5		17.7		7		88				<0.2		1.4	
						6.3	0.3	184	22.9		8.0		31.0		90.5		6.5		17.8		7		88				<0.2		1.5	
					Bottom	11.5	0.3	174	22.8	22.8	8.0	8.0	31.3	31.3	91.7	91.8	6.6	6.6	20.8		8		89				<0.2		1.5	
						11.5	0.4	177	22.8		8.0		31.3		91.8		6.6		20.8		10		90				<0.2		1.3	
C3	Cloudy	Moderate	15:19	11.7	Surface	1.0	0.3	75	23.2	23.2	8.0	8.0	31.2	31.2	92.4	92.4	6.6	6.6	11.7	12.8	11	12	83	86	822096	817774	<0.2	<0.2	0.7	0.7
						1.0	0.3	80	23.2		8.0		31.2		92.4		6.6		11.8		10		84				<0.2		0.8	
					Middle	5.9	0.3	90	23.1	23.1	8.0	8.0	31.3	31.3	91.3	91.3	6.5		12.7		12		85				<0.2		0.8	
						5.9	0.3	91	23.1		8.0		31.3		91.3		6.5		12.8		12		86				<0.2		0.7	
					Bottom	10.7	0.3	76	23.0	23.0	8.0	8.0	31.6	31.6	90.7	90.7	6.5	6.5	13.9		12		88				<0.2		0.6	
						10.7	0.3	80	23.0		8.0		31.6		90.7		6.5		14.1		13		89				<0.2		0.6	
IM1	Fine	Moderate	14:11	7.8	Surface	1.0	0.2	217	23.5	23.5	8.2	8.2	31.6	31.6	100.7	100.7	7.1	7.2	10.7	11.1	6	8	83	85	818358	806470	<0.2	<0.2	2.1	2.3
						1.0	0.2	229	23.5		8.2		31.6		100.7		7.1		10.9		7		83				<0.2		2.2	
					Middle	3.9	0.2	213	23.2	23.2	8.2	8.2	31.8	31.8	100.5	100.5	7.2		10.9		8		85				<0.2		2.4	
						3.9	0.2	220	23.2		8.2		31.8		100.5		7.2		11.0		7		85				<0.2		2.2	
					Bottom	6.8	0.2	188	22.9	22.9	8.2	8.2	32.4	32.3	100.5	100.5	7.2	7.2	11.6		9		88				<0.2		2.4	
						6.8	0.2	189	22.9		8.2		32.3		100.5		7.2		11.2		11		88				<0.2		2.2	
IM2	Fine	Moderate	14:06	8.7	Surface	1.0	0.2	179	23.5	23.5	8.2	8.2	31.8	31.8	100.8	100.8	7.1	7.1	11.5	12.2	8	8	83	86	818868	806220	<0.2	<0.2	2.3	2.4
						1.0	0.2	183	23.5		8.2		31.8		100.8		7.1		11.7		6		83				<0.2		2.4	
					Middle	4.4	0.2	193	23.3	23.3	8.2	8.2	32.1	32.1	100.2	100.2	7.1		12.7		7		86				<0.2		2.4	
						4.4	0.2	207	23.3		8.2		32.1		100.2		7.1		12.7		9		86				<0.2		2.3	
					Bottom	7.7	0.3	158	22.9	22.9	8.2	8.2	32.1	32.1	100.3	100.4	7.2	7.2	12.3		7		87				<0.2		2.5	
						7.7	0.3	172	23.0		8.2		32.1		100.4		7.2		12.3		9		88				<0.2		2.4	
IM3	Fine	Moderate	14:01	8.8	Surface	1.0	0.3	221	22.9	22.9	8.2	8.2	31.9	31.9	98.8	98.8	7.1	7.1	13.9	15.1	10	12	83	86	819387	806027	<0.2	<0.2	2.4	2.4
						1.0	0.3	223	22.9		8.2		31.9		98.8		7.1		14.0		9		83				<0.2		2.4	
					Middle	4.4	0.2	210	22.7	22.7	8.2	8.2	32.0	32.0	99.0	99.0	7.1		15.8		12		86				<0.2		2.5	
						4.4	0.2	229	22.7		8.2		32.0		99.0		7.1		15.9		12		85				<0.2		2.4	
					Bottom	7.8	0.3	206	22.8	22.8	8.2	8.2	32.1	32.1	99.7	99.8	7.1	7.1	15.7		13		89				<0.2		2.4	
						7.8	0.3	224	22.8		8.2		32.1		99.8		7.1		15.5		13		88				<0.2		2.2	
IM4	Fine	Moderate	13:55	8.0	Surface	1.0	0.3	154	22.9	22.8	8.2	8.2	31.9	31.9	99.6	99.6	7.1	7.1	13.3	14.3	7	9	84	86	819588	805011	<0.2	<0.2	2.5	2.2
						1.0	0.3	163	22.8		8.2		31.9		99.6		7.1		13.2		7		84				<0.2		2.1	
					Middle	4.0	0.3	158	22.7	22.7	8.2	8.2	32.2	32.2	99.4	99.4	7.1		13.8		9		85				<0.2		2.2	
						4.0	0.3	163	22.7		8.2		32.2		99.4		7.1		13.9		10		85				<0.2		1.9	
					Bottom	7.0	0.2	141	22.7	22.7	8.2	8.2	32.4	32.4	99.3	99.3	7.1	7.1	15.6		9		88				<0.2		2.2	
						7.0	0.3	152	22.7		8.2		32.4		99.3		7.1		15.8		10		89				<0.2		2.2	
IM5	Fine	Moderate	13:46	7.6	Surface	1.0	0.3	159	23.1	23.1	8.2	8.2	31.7	31.7	99.6	99.6	7.1	7.1	11.2	13.1	7	10	84	85	820535	804918	<0.2	<0.2	2.1	2.1
						1.0	0.3	164	23.1		8.2		31.7		99.6		7.1		11.4		7		83				<0.2		2.2	
					Middle	3.8	0.3	159	22.8	22.8	8.2	8.2	31.8	31.8	98.6	98.6	7.1		14.0		11		85				<0.2		2.2	
						3.8	0.3	165	22.8		8.2		31.8		98.6		7.1		14.3		11		85				<0.2		1.9	
					Bottom	6.6	0.2	167	22.8	22.8	8.2	8.2	31.8	31.8	99.4	99.4	7.1	7.1	13.8		12		87				<0.2		2.2	
						6.6	0.2	175	22.8		8.2		31.8		99.4		7.1		13.7		11		87				<0.2		2.0	
IM6	Fine	Moderate	13:38	7.5	Surface	1.0	0.2	151	22.9	22.9	8.2	8.2	31.9	31.9	98.1	98.1	7.0	7.0	18.2	18.5	17	17	83	86	821062	805807	<0.2	<0.2	2.2	2.0
						1.0	0.2	160	22.9		8.2		31.9		98.1		7.0		18.0		17		84				<0.2		2.0	
					Middle	3.8	0.1	125	22.8	22.8	8.2	8.2	31.8	31.8	97.9	98.0	7.0		18.9		17		86				<0.2		2.1	
						3.8	0.1	129	22.8		8.2		31.8		98.0		7.0		18.9		17		86				<0.2		1.8	
					Bottom	6.5	0.2	132	22.8	22.8	8.2	8.2	31.8	31.8	98.7	98.8	7.1	7.1	18.6		17		88				<0.2		2.1	
						6.5	0.2	137	22.8		8.2		31.8		98.8		7.1		18.2		17		88				<0.2		1.9	
IM7	Fine	Moderate	13:28	9.2	Surface	1.0	0.3	158	23.1	23.1	8.2	8.2	31.8	31.8	98.3	98.2	7.0	7.0	14.1	17.2	9	11	83	86	821324	806859	<0.2	<0.2	1.9	2.1
						1.0	0.3	172	23.1		8.2		31.9		98.1		7.0		14.8		9		83				<0.2		2.0	
					Middle	4.6	0.3	157	22.9	22.9	8.2	8.2	31.8	31.8	97.1	97.1	7.0		17.4		10		85				<0.2		2.0	
						4.6	0.3	163	22.9		8.2		31.8		97.1		7.0		17.4		10		85				<0.2		2.1	
					Bottom	8.2	0.3	154	22.8	22.8	8.2	8.2	31.8	31.8	96.9	96.9	6.9	6.9	19.7		14		89				<0.2		2.1	
						8.2	0.3	154	22.8		8.2		31.8		96.9		6.9		19.8		13		89				<0.2		2.3	
IM8	Cloudy	Moderate	13:55	8.5	Surface	1.0	0.3	129	23.2	23.2	8.0	8.0	29.7	29.7	97.5	97.6	7.0	7.0	14.1	16.0	11	10	84	86	821671	807841	<0.2	<0.2	1.3	1.4
						1.0	0.3	141	23.2		8.0		29.7		97.6		7.0		14.2		11		84				<0.2		1.4	
					Middle	4.3	0.3	79	22.9	22.9	8.1	8.1	31.7	31.7	98.0	98.1	7.0		17.4		11		85				<0.2		1.5	
						4.3	0.3	84	22.9		8.1		31.7		98.1		7.0		17.7		10		86				<0.2		1.4	
					Bottom	7.5	0.2	57	22.9	22.9	8.1	8.1	31.8	31.8	98.1	98.1	7.0	7.0	16.4		10		88				<0.2		1.3	
						7.5	0.2	60	22.9		8.1		31.8		98.1		7.0		16.4		9		88				<0.2		1.5	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 19 April 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
IM9	Cloudy	Moderate	14:04	7.6	Surface	1.0	0.5	120	23.2	23.2	8.0	8.0	29.9	29.9	97.1	97.1	7.0	7.0	12.5	18.1	8	9	83	86	822103	808804	<0.2	<0.2	1.2	1.1
						1.0	0.5	125	23.2		8.0		29.9		97.1		7.0		12.5		9		84				<0.2		1.2	
					Middle	3.8	0.5	97	22.9	22.9	8.1	8.1	31.4	31.4	97.9	97.9	7.0		18.1		8		86				<0.2		1.1	
						3.8	0.5	101	22.9		8.1		31.4		97.9		7.0		18.2		9		86				<0.2		1.0	
					Bottom	6.6	0.4	72	22.9	22.9	8.1	8.1	31.8	31.8	98.1	98.1	7.0	7.0	23.6		12		88				<0.2		1.1	
						6.6	0.4	74	22.9		8.1		31.8		98.0		7.0		23.6		10		88				<0.2		1.2	
IM10	Cloudy	Moderate	14:13	7.3	Surface	1.0	0.5	116	23.1	23.1	8.0	8.0	30.2	30.2	97.4	97.4	7.0	7.0	14.8	19.9	12	11	84	86	822263	809828	<0.2	<0.2	1.3	1.1
						1.0	0.5	122	23.1		8.0		30.2		97.4		7.0		14.8		10		85				<0.2		1.1	
					Middle	3.7	0.6	101	22.9	22.9	8.0	8.0	30.9	30.9	97.0	97.0	7.0		19.7		11		86				<0.2		1.2	
						3.7	0.6	105	22.9		8.0		30.9		96.9		7.0		19.8		11		86				<0.2		1.0	
					Bottom	6.3	0.4	87	22.9	22.9	8.0	8.0	31.4	31.4	97.7	97.7	7.0	7.0	25.1		12		88				<0.2		1.1	
						6.3	0.4	92	22.9		8.0		31.4		97.7		7.0		25.1		11		88				<0.2		1.0	
IM11	Cloudy	Moderate	14:27	8.5	Surface	1.0	0.5	120	23.5	23.5	8.0	8.0	29.8	29.8	98.2	98.2	7.0	7.0	13.5	18.7	11	11	84	86	821518	810542	<0.2	<0.2	1.1	1.1
						1.0	0.6	120	23.5		8.0		29.8		98.2		7.0		13.6		10		84				<0.2		1.3	
					Middle	4.3	0.5	114	23.2	23.2	8.1	8.1	30.9	30.9	98.1	98.1	7.0		19.7		10		86				<0.2		1.3	
						4.3	0.5	124	23.2		8.1		30.9		98.1		7.0		19.8		12		87				<0.2		1.0	
					Bottom	7.5	0.3	105	23.1	23.1	8.1	8.1	31.4	31.4	98.0	98.0	7.0	7.0	22.6		10		87				<0.2		0.9	
						7.5	0.3	112	23.1		8.1		31.4		98.0		7.0		22.7		10		88				<0.2		1.1	
IM12	Cloudy	Moderate	14:36	8.7	Surface	1.0	0.6	102	23.3	23.3	8.1	8.1	30.6	30.6	98.9	98.9	7.1	7.1	15.1	19.5	11	12	84	86	821177	811498	<0.2	<0.2	1.1	1.1
						1.0	0.6	111	23.3		8.1		30.6		98.9		7.1		15.2		11		84				<0.2		1.0	
					Middle	4.4	0.5	95	23.2	23.2	8.1	8.1	31.3	31.3	98.6	98.7	7.0		20.0		11		85				<0.2		0.9	
						4.4	0.5	104	23.2		8.1		31.3		98.7		7.0		20.0		10		86				<0.2		1.1	
					Bottom	7.7	0.4	94	23.2	23.2	8.1	8.1	31.3	31.3	98.4	98.5	7.0	7.0	23.6		13		88				<0.2		1.2	
						7.7	0.4	97	23.2		8.1		31.3		98.5		7.0		23.2		15		89				<0.2		1.1	
SR2	Cloudy	Moderate	15:00	4.5	Surface	1.0	0.4	84	23.0	23.0	8.1	8.1	30.5	30.5	92.6	92.6	6.7	6.7	20.3	21.2	13	15	85	87	821440	814144	<0.2	<0.2	1.1	1.1
						1.0	0.4	87	23.0		8.1		30.5		92.6		6.7		20.4		14		86				<0.2		1.1	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.3	80	23.0	23.0	8.0	8.0	30.5	30.5	93.2	93.2	6.7	6.7	22.1		16		88				<0.2		1.0	
						3.5	0.4	84	23.0		8.0		30.5		93.2		6.7		22.1		16		88				<0.2		1.0	
SR3	Cloudy	Moderate	13:49	8.9	Surface	1.0	0.3	164	23.0	23.0	8.0	8.0	30.0	30.0	95.9	95.9	6.9	7.0	13.1	20.4	10	10	-	-	822147	807577	-	-	-	-
						1.0	0.3	167	23.0		8.0		30.0		95.9		6.9		13.1		9		-				-		-	
					Middle	4.5	0.2	137	23.0	23.0	8.1	8.1	31.8	31.7	98.6	98.5	7.1		22.7		10		-				-		-	
						4.5	0.2	145	23.0		8.1		31.7		98.4		7.0		22.1		10		-				-		-	
					Bottom	7.9	0.2	69	22.9	22.9	8.1	8.1	31.8	31.8	98.3	98.3	7.0	7.0	25.8		9		-				-		-	
						7.9	0.3	73	22.9		8.1		31.8		98.3		7.0		25.7		9		-				-		-	
SR4A	Fine	Calm	14:49	9.2	Surface	1.0	0.3	64	23.0	23.0	8.2	8.2	31.9	31.9	99.2	99.2	7.1	7.1	13.9	15.4	13	13	-	-	817167	807831	-	-	-	-
						1.0	0.3	68	23.0		8.2		31.9		99.1		7.1		14.0		12		-				-		-	
					Middle	4.6	0.3	66	22.8	22.8	8.2	8.2	32.2	32.2	98.9	98.9	7.1		16.4		13		-				-		-	
						4.6	0.3	70	22.8		8.2		32.3		98.9		7.1		16.5		13		-				-		-	
					Bottom	8.2	0.2	55	22.7	22.7	8.2	8.2	32.3	32.3	99.1	99.1	7.1	7.1	15.9		14		-				-		-	
						8.2	0.2	56	22.7		8.2		32.3		99.1		7.1		15.9		13		-				-		-	
SR5A	Fine	Calm	15:04	5.4	Surface	1.0	0.0	51	23.2	23.2	8.1	8.1	31.0	31.0	96.7	96.8	6.9	6.9	14.6	14.7	6	8	-	-	816618	810668	-	-	-	-
						1.0	0.0	54	23.2		8.1		31.0		96.8		6.9		14.7		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.4	0.1	117	23.1	23.1	8.1	8.1	31.3	31.3	99.3	99.4	7.1	7.1	14.8		10		-				-		-	
						4.4	0.1	120	23.1		8.1		31.3		99.4		7.1		14.6		9		-				-		-	
SR6	Fine	Calm	15:25	4.1	Surface	1.0	0.1	78	23.2	23.2	8.1	8.1	30.6	30.6	91.4	91.4	6.6	6.6	14.9	16.3	9	9	-	-	817886	814634	-	-	-	-
						1.0	0.1	83	23.2		8.1		30.6		91.4		6.6		14.9		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	0.1	68	22.8	22.8	8.1	8.1	30.6	30.6	93.9	94.0	6.8	6.8	17.7		11		-				-		-	
						3.1	0.1	69	22.9		8.1		30.6		94.1		6.8		17.6		10		-				-		-	
SR7	Cloudy	Moderate	15:50	21.0	Surface	1.0	0.8	72	23.3	23.3	8.0	8.0	31.2	31.2	93.1	93.1	6.6	6.6	8.7	9.3	4	5	-	-	823636	823744	-	-	-	-
						1.0	0.9	72	23.3		8.0		31.2		93.0		6.6		8.7		5		-				-		-	
					Middle	10.5	0.6	52	23.1	23.1	8.0	8.0	31.7	31.7	91.3	91.3	6.5		9.4		5		-				-		-	
						10.5	0.6	56	23.1		8.0		31.7		91.3		6.5		9.4		6		-				-		-	
					Bottom	20.0	0.4	12	23.1	23.1	8.0	8.0	31.8	31.8	91.4	91.5	6.5	6.5	9.8		4		-				-		-	
						20.0	0.5	12	23.1		8.0		31.8		91.5		6.5		9.8		5		-				-		-	
SR8	Cloudy	Calm	14:44	4.1	Surface	1.0	-	-	23.4	23.4	8.1	8.1	30.3	30.3	96.2	96.3	6.9	6.9	13.7	13.8	8	8	-	-	820246	811418	-	-	-	-
						1.0	-	-	23.4		8.1		30.4		96.3		6.9		13.9		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	-	-	22.9	22.9	8.1	8.1	30.6	30.6	96.7	96.8	7.0	7.0	13.7		9		-				-		-	
						3.1	-	-	22.9		8.1		30.6		96.8		7.0		13.7		8		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 19 April 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
C1	Fine	Moderate	09:02	9.0	Surface	1.0	0.9	24	22.7	22.7	8.1	8.1	31.5	31.5	97.9	97.9	7.0	7.0	18.0	23.4	14	18	85	88	815629	804255	<0.2	<0.2	2.0	2.0
						1.0	0.9	24	22.7		8.1		31.5		97.9		7.0		18.3		16		85				<0.2		2.0	
					Middle	4.5	0.8	24	22.7	22.7	8.2	8.2	31.9	31.9	97.0	97.0	7.0		25.8		16		88				<0.2		2.1	
						4.5	0.8	24	22.7		8.2		31.9		97.0		7.0		26.1		16		88				<0.2		1.9	
					Bottom	8.0	0.8	23	22.7	22.7	8.2	8.2	31.9	31.9	97.0	97.0	7.0	7.0	26.1		22		91				<0.2		2.0	
						8.0	0.8	24	22.7		8.2		31.9		97.0		7.0		26.0		24		92				<0.2		2.2	
C2	Cloudy	Moderate	09:56	12.4	Surface	1.0	0.5	346	23.0	23.0	7.9	7.9	28.0	28.0	91.6	91.6	6.7	6.7	10.2	15.7	4	4	85	88	825694	806938	<0.2	<0.2	1.8	1.8
						1.0	0.5	352	23.0		7.9		28.0		91.6		6.7		10.3		4		86				<0.2		1.9	
					Middle	6.2	0.5	347	23.0	23.0	7.9	7.9	28.7	28.7	90.2	90.2	6.6		16.3		4		88				<0.2		1.9	
						6.2	0.5	319	23.0		7.9		28.7		90.2		6.6		16.5		4		88				<0.2		1.8	
					Bottom	11.4	0.4	9	22.9	22.9	8.0	8.0	29.3	29.3	91.6	91.7	6.7	6.7	20.4		5		89				<0.2		1.8	
						11.4	0.4	9	22.9		8.0		29.3		91.7		6.7		20.4		4		89				<0.2		1.7	
C3	Cloudy	Moderate	08:02	11.5	Surface	1.0	0.6	267	22.8	22.8	8.0	8.0	30.4	30.4	91.9	91.9	6.6	6.6	11.2	15.8	4	5	83	86	822095	817791	<0.2	<0.2	1.2	1.1
						1.0	0.7	291	22.8		8.0		30.4		91.9		6.6		11.3		5		84				<0.2		1.2	
					Middle	5.8	0.6	268	22.7	22.7	8.0	8.0	31.5	31.5	90.2	90.2	6.5		17.3		6		85				<0.2		1.0	
						5.8	0.7	272	22.7		8.0		31.5		90.2		6.5		17.5		6		86				<0.2		0.9	
					Bottom	10.5	0.5	265	22.7	22.7	8.0	8.0	31.7	31.7	92.1	92.2	6.6	6.6	18.6		6		88				<0.2		1.1	
						10.5	0.5	278	22.7		8.0		31.7		92.2		6.6		18.8		5		88				<0.2		1.1	
IM1	Fine	Moderate	09:17	7.9	Surface	1.0	0.7	19	22.8	22.8	8.1	8.1	31.0	31.0	96.6	96.6	7.0	7.0	13.9	18.4	6	6	85	88	818328	806461	<0.2	<0.2	2.0	1.8
						1.0	0.7	19	22.8		8.1		31.1		96.5		7.0		15.3		6		86				<0.2		1.8	
					Middle	4.0	0.7	19	22.7	22.7	8.1	8.1	31.3	31.3	96.1	96.1	6.9		18.4		6		88				<0.2		1.8	
						4.0	0.7	19	22.7		8.1		31.3		96.1		6.9		18.2		6		88				<0.2		1.8	
					Bottom	6.9	0.6	9	22.7	22.7	8.2	8.2	31.4	31.4	97.1	97.2	7.0	7.0	22.5		6		90				<0.2		1.8	
						6.9	0.6	9	22.7		8.2		31.4		97.2		7.0		21.9		6		90				<0.2		1.6	
IM2	Fine	Moderate	09:21	8.8	Surface	1.0	0.7	27	22.8	22.8	8.1	8.1	30.9	30.9	97.1	97.1	7.0	7.0	11.2	19.0	5	6	85	87	818856	806191	<0.2	<0.2	1.7	1.9
						1.0	0.7	29	22.8		8.1		30.9		97.1		7.0		11.3		6		85				<0.2		1.8	
					Middle	4.4	0.6	36	22.7	22.7	8.1	8.1	31.3	31.3	96.4	96.4	6.9		20.7		5		87				<0.2		1.8	
						4.4	0.6	37	22.7		8.1		31.3		96.4		6.9		20.6		6		87				<0.2		2.0	
					Bottom	7.8	0.5	37	22.7	22.7	8.1	8.1	31.7	31.7	97.1	97.1	7.0	7.0	25.5		6		90				<0.2		2.0	
						7.8	0.6	39	22.7		8.1		31.7		97.1		7.0		24.8		5		90				<0.2		1.8	
IM3	Fine	Moderate	09:26	8.9	Surface	1.0	0.5	17	22.8	22.8	8.1	8.1	30.9	30.9	96.7	96.7	7.0	7.0	12.8	19.8	6	7	85	88	819418	806005	<0.2	<0.2	2.4	2.0
						1.0	0.6	17	22.8		8.1		30.9		96.7		7.0		13.0		6		86				<0.2		1.8	
					Middle	4.5	0.5	21	22.7	22.7	8.1	8.1	31.3	31.3	96.2	96.3	6.9		23.9		8		87				<0.2		1.6	
						4.5	0.5	22	22.7		8.1		31.3		96.3		6.9		24.4		8		88				<0.2		1.9	
					Bottom	7.9	0.4	28	22.7	22.7	8.1	8.1	31.5	31.5	96.7	96.7	7.0	7.0	23.1		7		91				<0.2		2.0	
						7.9	0.4	28	22.7		8.1		31.5		96.7		7.0		21.4		8		91				<0.2		2.0	
IM4	Fine	Moderate	09:33	8.2	Surface	1.0	0.7	7	22.7	22.7	8.2	8.2	31.3	31.3	97.4	97.4	7.0	7.0	16.0	19.8	9	11	85	89	819597	805051	<0.2	<0.2	1.9	1.9
						1.0	0.8	7	22.7		8.2		31.3		97.4		7.0		16.5		8		86				<0.2		1.8	
					Middle	4.1	0.6	5	22.7	22.7	8.2	8.2	31.5	31.5	96.9	96.9	7.0		21.2		12		89				<0.2		2.0	
						4.1	0.6	5	22.7		8.2		31.5		96.9		7.0		21.4		10		89				<0.2		1.8	
					Bottom	7.2	0.6	8	22.7	22.7	8.1	8.1	31.5	31.5	97.5	97.6	7.0	7.0	22.1		13		91				<0.2		1.8	
						7.2	0.6	8	22.7		8.1		31.5		97.6		7.0		21.6		13		91				<0.2		1.8	
IM5	Fine	Moderate	09:41	7.4	Surface	1.0	0.8	31	22.8	22.8	8.1	8.1	31.0	31.0	97.7	97.7	7.0	7.0	12.5	18.0	8	10	85	89	820547	804914	<0.2	<0.2	1.8	1.9
						1.0	0.9	33	22.8		8.1		31.0		97.7		7.0		12.5		8		86				<0.2		1.9	
					Middle	3.7	0.8	31	22.7	22.7	8.1	8.1	31.2	31.2	97.3	97.3	7.0		19.4		11		89				<0.2		1.9	
						3.7	0.9	32	22.7		8.1		31.2		97.3		7.0		19.4		11		89				<0.2		2.1	
					Bottom	6.4	0.7	29	22.7	22.7	8.1	8.1	31.3	31.3	98.2	98.3	7.1	7.1	22.3		11		92				<0.2		1.7	
						6.4	0.7	30	22.7		8.1		31.3		98.3		7.1		21.7		11		92				<0.2		1.8	
IM6	Fine	Moderate	09:48	7.5	Surface	1.0	0.3	41	22.8	22.8	8.1	8.1	30.6	30.6	96.0	96.0	6.9	7.0	10.9	19.0	10	16	85	88	821057	805838	<0.2	<0.2	1.8	1.7
						1.0	0.3	41	22.8		8.1		30.6		96.0		6.9		10.2		10		86				<0.2		1.6	
					Middle	3.8	0.3	28	22.8	22.8	8.1	8.1	30.6	30.6	96.2	96.2	7.0		23.5		8		88				<0.2		1.7	
						3.8	0.3	28	22.8		8.1		30.6		96.2		7.0		23.9		8		88				<0.2		1.7	
					Bottom	6.5	0.3	35	22.8	22.8	8.1	8.1	30.7	30.7	96.7	96.8	7.0	7.0	23.1		30		91				<0.2		1.8	
						6.5	0.3	35	22.8		8.1		30.7		96.8		7.0		22.6		31		91				<0.2		1.6	
IM7	Fine	Moderate	09:55	9.0	Surface	1.0	0.4	65	22.8	22.8	8.2	8.2	31.0	31.0	95.9	95.9	6.9	6.9	10.7	17.6	10	14	84	88	821331	806811	<0.2	<0.2	1.6	1.7
						1.0	0.4	66	22.8		8.2		31.0		95.9		6.9		10.5		9		85				<0.2		1.7	
					Middle	4.5	0.4	59	22.8	22.8	8.2	8.2	31.1	31.0	95.8	95.8	6.9		18.7		17		87				<0.2		1.8	
						4.5	0.4	61	22.8		8.2		31.0		95.8		6.9		18.8		18		88				<0.2		1.7	
					Bottom	8.0	0.3	54	22.8	22.8	8.2	8.2	31.0	31.0	95.9	96.0	6.9	6.9	23.7		16		91				<0.2		1.7	
						8.0	0.4	55	22.8		8.2		31.0		96.0		6.9		23.4		16		90				<0.2		1.8	
IM8	Cloudy	Moderate	09:31	8.8	Surface	1.0	0.2	342	23.0	23.0	8.0	8.0	28.7	28.7	93.1	93.2	6.8	6.8	18.9	21.1	18	19	84	86	821698	807832	<0.2	<0.2	1.3	1.4
						1.0	0.2	353	23.0		8.0		28.7		93.2		6.8		18.9		19		84				<0.2		1.3	
					Middle	4.4	0.3	22	22.9	22.9	8.0	8.0	29.2	29.2	93.5	93.5	6.8		19.8		18		86				<0.2		1.5	
						4.4	0.3	23	22.9		8.0		29.2		93.5		6.8		19.8		18		86				<0.2		1.4	
					Bottom	7.8	0.5	32	22.8	22.8	8.1	8.1	29.8	29.8	94.9	94.9	6.9	6.9	24.5		20		88				<0.2		1.3	
						7.8	0.6	32	22.8		8.1		29.8		94.9		6.9		24.6		22		88				<0.2		1.3	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 19 April 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
IM9	Cloudy	Moderate	09:22	7.5	Surface	1.0	0.3	338	22.9	22.9	8.0	8.0	29.5	29.5	94.5	94.5	6.8	6.8	20.6	22.0	27	26	83	86	822086	808822	<0.2	<0.2	1.0	1.0
						1.0	0.3	311	22.9		8.0		29.5		94.4		6.8		20.6		25		84				<0.2		1.0	
					Middle	3.8	0.3	339	22.9	22.9	8.0	8.0	29.6	29.6	94.2	94.2	6.8		20.7		24		85				<0.2		1.1	
						3.8	0.3	359	22.9		8.0		29.6		94.2		6.8		20.7		26		86				<0.2		1.0	
					Bottom	6.5	0.3	332	22.9	22.9	8.0	8.0	29.7	29.7	94.8	94.8	6.9	6.9	24.7		26		89				<0.2		1.0	
						6.5	0.3	332	22.9		8.0		29.7		94.8		6.9		24.7		25		89				<0.2		1.0	
IM10	Cloudy	Moderate	09:15	8.1	Surface	1.0	0.5	306	22.8	22.8	8.0	8.0	30.1	30.1	94.0	94.0	6.8	6.8	17.6	19.9	20	25	84	86	822228	809866	<0.2	<0.2	1.0	0.9
						1.0	0.6	306	22.8		8.0		30.1		94.0		6.8		17.7		20		84				<0.2		0.9	
					Middle	4.1	0.5	313	22.8	22.8	8.0	8.0	30.1	30.1	93.8	93.8	6.8		18.8		21		85				<0.2		0.9	
						4.1	0.5	317	22.8		8.0		30.1		93.8		6.8		18.8		22		86				<0.2		0.9	
					Bottom	7.1	0.4	316	22.8	22.8	8.0	8.0	30.1	30.1	93.7	93.8	6.8	6.8	23.2		34		88				<0.2		0.9	
						7.1	0.4	340	22.8		8.0		30.1		93.9		6.8		23.1		32		89				<0.2		0.9	
IM11	Cloudy	Moderate	08:56	8.3	Surface	1.0	0.6	294	22.8	22.8	8.0	8.0	30.5	30.5	92.6	92.6	6.7	6.7	18.1	21.1	22	24	84	86	821518	810564	<0.2	<0.2	1.0	1.1
						1.0	0.6	310	22.8		8.0		30.5		92.6		6.7		18.2		24		84				<0.2		1.2	
					Middle	4.2	0.5	295	22.7	22.7	8.0	8.0	30.5	30.5	92.4	92.4	6.7		21.7		25		86				<0.2		1.0	
						4.2	0.6	300	22.7		8.0		30.5		92.4		6.7		21.8		25		86				<0.2		1.1	
					Bottom	7.3	0.4	294	22.7	22.7	8.0	8.0	30.5	30.5	92.9	93.1	6.7	6.7	23.3		24		89				<0.2		1.0	
						7.3	0.4	316	22.7		8.0		30.5		93.2		6.7		23.4		23		89				<0.2		1.0	
IM12	Cloudy	Moderate	08:50	8.2	Surface	1.0	0.7	273	22.8	22.8	8.0	8.0	30.6	30.6	92.2	92.2	6.7	6.7	16.5	19.5	22	23	83	86	821167	811494	<0.2	<0.2	0.9	1.1
						1.0	0.7	284	22.8		8.0		30.6		92.2		6.7		16.6		22		84				<0.2		1.1	
					Middle	4.1	0.6	275	22.8	22.8	8.0	8.0	30.6	30.6	92.3	92.3	6.7		17.5		23		86				<0.2		1.1	
						4.1	0.6	275	22.8		8.0		30.6		92.3		6.7		17.4		24		86				<0.2		1.2	
					Bottom	7.2	0.5	282	22.8	22.8	8.0	8.0	30.6	30.6	93.0	93.1	6.7	6.7	24.6		22		88				<0.2		1.1	
						7.2	0.5	283	22.8		8.0		30.6		93.1		6.7		24.6		22		88				<0.2		1.2	
SR2	Cloudy	Moderate	08:25	4.5	Surface	1.0	0.3	319	22.8	22.8	8.0	8.0	30.5	30.5	94.0	94.1	6.8	6.8	20.3	20.8	9	11	84	86	821474	814180	<0.2	<0.2	0.9	0.9
						1.0	0.3	341	22.8		8.0		30.5		94.1		6.8		20.2		9		84				<0.2		0.9	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.3	321	22.8	22.8	8.0	8.0	30.5	30.5	95.9	96.1	6.9	7.0	21.5		14		88				<0.2		0.9	
						3.5	0.3	346	22.8		8.0		30.5		96.2		7.0		21.2		13		88				<0.2		1.0	
SR3	Cloudy	Moderate	09:36	9.5	Surface	1.0	0.5	13	22.8	22.8	8.1	8.1	30.6	30.6	95.8	95.8	6.9	6.9	18.4	21.2	30	30	-	-	822146	807586	-	-	-	-
						1.0	0.5	14	22.8		8.1		30.6		95.7		6.9		18.5		30		-				-		-	
					Middle	4.8	0.6	23	22.8	22.8	8.1	8.1	30.7	30.7	95.8	95.8	6.9		19.9		28		-				-		-	
						4.8	0.6	23	22.8		8.1		30.7		95.8		6.9		19.9		29		-				-		-	
					Bottom	8.5	0.5	25	22.7	22.7	8.1	8.1	30.8	30.8	96.9	96.9	7.0	7.0	25.3		30		-				-		-	
						8.5	0.6	26	22.7		8.1		30.8		96.8		7.0		25.2		31		-				-		-	
SR4A	Fine	Calm	08:39	9.3	Surface	1.0	0.2	251	22.6	22.6	8.1	8.1	31.0	31.0	90.9	91.0	6.6	6.6	13.7	13.8	14	17	-	-	817159	807831	-	-	-	-
						1.0	0.2	258	22.6		8.1		31.0		91.0		6.6		13.4		15		-				-		-	
					Middle	4.7	0.2	257	22.6	22.6	8.1	8.1	31.0	31.0	91.4	91.5	6.6		13.4		16		-				-		-	
						4.7	0.3	273	22.6		8.1		31.0		91.5		6.6		13.3		16		-				-		-	
					Bottom	8.3	0.2	259	22.6	22.6	8.1	8.1	31.1	31.1	92.3	92.4	6.7	6.7	14.7		21		-				-		-	
						8.3	0.3	270	22.6		8.1		31.1		92.4		6.7		14.1		21		-				-		-	
SR5A	Fine	Calm	08:25	5.2	Surface	1.0	0.4	284	22.6	22.6	8.1	8.1	30.7	30.7	90.6	90.6	6.6	6.6	14.0	15.0	9	14	-	-	816609	810709	-	-	-	-
						1.0	0.4	285	22.6		8.1		30.7		90.6		6.6		13.8		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.2	0.3	291	22.6	22.6	8.1	8.1	30.7	30.7	91.9	92.0	6.7	6.7	15.7		18		-				-		-	
						4.2	0.4	301	22.6		8.1		30.7		92.0		6.7		16.3		19		-				-		-	
SR6	Fine	Calm	08:04	4.2	Surface	1.0	0.2	226	22.7	22.7	8.1	8.1	30.6	30.6	92.9	92.9	6.7	6.7	12.0	12.7	11	11	-	-	817882	814635	-	-	-	-
						1.0	0.2	233	22.7		8.1		30.6		92.9		6.7		12.2		12		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.2	226	22.7	22.7	8.1	8.1	30.7	30.7	94.9	96.6	6.9	7.0	13.6		11		-				-		-	
						3.2	0.2	236	22.7		8.1		30.7		98.2		7.1		12.8		11		-				-		-	
SR7	Cloudy	Moderate	07:27	20.4	Surface	1.0	0.4	68	22.7	22.7	8.0	8.0	31.2	31.2	90.4	90.4	6.5	6.5	8.2	9.2	6	7	-	-	823633	823733	-	-	-	-
						1.0	0.4	74	22.7		8.0		31.2		90.4		6.5		8.1		4		-				-		-	
					Middle	10.2	0.4	60	22.7	22.7	8.0	8.0	31.5	31.5	88.8	88.8	6.4		9.7		7		-				-		-	
						10.2	0.5	61	22.7		8.0		31.5		88.8		6.4		9.7		8		-				-		-	
					Bottom	19.4	0.4	52	22.7	22.7	8.0	8.0	31.7	31.7	88.0	88.1	6.3	6.3	9.9		7		-				-		-	
						19.4	0.4	57	22.7		8.0		31.7		88.1		6.3		9.6		8		-				-		-	
SR8	Cloudy	Calm	08:44	3.9	Surface	1.0	-	-	22.8	22.8	8.0	8.0	30.2	30.2	93.5	93.6	6.8	6.8	13.5	14.1	22	22	-	-	820246	811418	-	-	-	-
						1.0	-	-	22.8		8.0		30.2		93.6		6.8		13.5		20		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	22.7	22.7	8.0	8.0	30.3	30.3	95.0	95.1	6.9	6.9	14.6		22		-				-		-	
						2.9	-	-	22.7		8.0		30.3		95.1		6.9		14.7		22		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 21 April 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
C1	Fine	Moderate	16:05	9.0	Surface	1.0	0.4	210	23.5	23.5	8.2	8.2	32.7	32.7	105.5	105.5	7.4	7.4	11.6	14.5	9	12	85	88	815626	804248	<0.2	<0.2	0.8	1.0
						1.0	0.4	214	23.5		8.2		32.7		105.5		7.4		11.6		8		86				<0.2		1.1	
					Middle	4.5	0.4	194	23.4	23.4	8.2	8.2	32.8	32.8	104.3	104.3	7.4		13.5		9		87				<0.2		1.0	
						4.5	0.5	195	23.4		8.2		32.8		104.3		7.4		13.5		10		88				<0.2		0.9	
					Bottom	8.0	0.3	186	23.4	23.4	8.2	8.2	32.8	32.8	103.0	103.0	7.3	7.3	18.3		17		89				<0.2		0.9	
						8.0	0.3	204	23.4		8.2		32.8		103.0		7.3		18.3		18		90				<0.2		1.0	
C2	Fine	Moderate	15:09	12.1	Surface	1.0	0.2	204	23.8	23.8	7.9	7.9	28.5	28.5	95.7	95.4	6.9	6.7	15.3	15.0	15	15	85	87	825678	806971	<0.2	<0.2	2.6	2.6
						1.0	0.3	219	23.8		7.9		28.5		95.0		6.8		15.4		15		85				<0.2		2.4	
					Middle	6.1	0.4	162	23.2	23.2	7.9	7.9	30.6	30.6	91.0	91.1	6.5		13.7		14		87				<0.2		2.6	
						6.1	0.5	177	23.2		7.9		30.6		91.1		6.5		13.8		15		88				<0.2		2.8	
					Bottom	11.1	0.3	162	23.2	23.2	7.9	7.9	31.1	31.1	93.4	93.5	6.7	6.7	16.0		16		89				<0.2		2.8	
						11.1	0.3	178	23.2		7.9		31.1		93.5		6.7		16.0		14		90				<0.2		2.6	
C3	Fine	Moderate	17:03	12.3	Surface	1.0	0.3	56	23.6	23.6	8.0	8.0	30.6	30.6	94.5	94.5	6.7	6.7	11.4	10.5	11	13	85	88	822116	817803	<0.2	<0.2	1.8	1.8
						1.0	0.4	56	23.6		8.0		30.6		94.5		6.7		11.4		11		85				<0.2		1.8	
					Middle	6.2	0.2	97	23.4	23.4	8.0	8.0	31.1	31.1	92.3	92.3	6.6		10.0		12		88				<0.2		1.8	
						6.2	0.2	102	23.4		8.0		31.1		92.2		6.6		10.0		13		88				<0.2		1.8	
					Bottom	11.3	0.2	106	23.2	23.2	8.0	8.0	31.7	31.7	92.0	92.1	6.6	6.6	10.0		13		90				<0.2		1.8	
						11.3	0.2	113	23.2		8.0		31.7		92.1		6.6		10.0		15		90				<0.2		1.8	
IM1	Fine	Moderate	15:49	7.7	Surface	1.0	0.3	239	23.5	23.5	8.2	8.2	32.3	32.3	103.9	103.9	7.3	7.3	9.6	10.7	9	10	85	86	818372	806433	<0.2	<0.2	1.2	1.2
						1.0	0.3	244	23.5		8.2		32.3		103.9		7.3		9.6		10		85				<0.2		1.1	
					Middle	3.9	0.3	222	23.4	23.4	8.2	8.2	32.4	32.4	102.4	102.4	7.3		11.4		11		86				<0.2		1.2	
						3.9	0.3	228	23.4		8.2		32.4		102.4		7.3		11.4		9		86				<0.2		1.3	
					Bottom	6.7	0.3	236	23.4	23.4	8.2	8.2	32.4	32.4	102.2	102.2	7.2	7.2	11.2		11		88				<0.2		1.2	
						6.7	0.3	253	23.4		8.2		32.4		102.2		7.2		11.2		10		88				<0.2		1.2	
IM2	Fine	Moderate	15:43	8.5	Surface	1.0	0.2	216	23.5	23.5	8.2	8.2	32.3	32.3	104.1	104.1	7.4	7.4	10.5	11.2	9	10	85	86	818844	806216	<0.2	<0.2	1.1	1.2
						1.0	0.3	224	23.5		8.2		32.3		104.1		7.4		10.5		8		85				<0.2		1.1	
					Middle	4.3	0.3	203	23.5	23.5	8.2	8.2	32.3	32.3	102.9	102.9	7.3		11.7		8		86				<0.2		1.2	
						4.3	0.3	211	23.5		8.2		32.3		102.9		7.3		11.7		8		86				<0.2		1.1	
					Bottom	7.5	0.2	196	23.3	23.3	8.2	8.2	32.4	32.4	102.4	102.4	7.3	7.3	11.4		14		87				<0.2		1.2	
						7.5	0.2	204	23.3		8.2		32.4		102.4		7.3		11.4		14		88				<0.2		1.2	
IM3	Fine	Moderate	15:38	8.6	Surface	1.0	0.2	191	23.6	23.6	8.2	8.2	32.1	32.1	104.2	104.2	7.4	7.4	10.3	10.9	10	10	85	87	819389	806012	<0.2	<0.2	1.2	1.2
						1.0	0.3	202	23.6		8.2		32.1		104.2		7.4		10.3		10		85				<0.2		1.2	
					Middle	4.3	0.3	164	23.5	23.5	8.2	8.2	32.3	32.3	103.3	103.3	7.3		10.9		11		87				<0.2		1.2	
						4.3	0.3	171	23.5		8.2		32.3		103.3		7.3		10.9		10		87				<0.2		1.3	
					Bottom	7.6	0.2	152	23.4	23.4	8.2	8.2	32.4	32.4	102.8	102.8	7.3	7.3	11.4		9		89				<0.2		1.1	
						7.6	0.2	153	23.4		8.2		32.4		102.8		7.3		11.4		10		88				<0.2		1.1	
IM4	Fine	Moderate	15:30	7.8	Surface	1.0	0.3	210	23.7	23.7	8.2	8.2	31.8	31.8	104.8	104.8	7.4	7.4	11.5	11.6	9	10	85	87	819563	805053	<0.2	<0.2	1.4	1.5
						1.0	0.3	219	23.7		8.2		31.8		104.8		7.4		11.5		9		86				<0.2		1.5	
					Middle	3.9	0.2	210	23.7	23.7	8.2	8.2	32.0	32.0	104.2	104.2	7.4		11.1		10		86				<0.2		1.6	
						3.9	0.2	215	23.7		8.2		32.0		104.2		7.4		11.1		9		86				<0.2		1.4	
					Bottom	6.8	0.2	225	23.7	23.7	8.2	8.2	32.0	32.0	103.1	103.1	7.3	7.3	12.2		11		88				<0.2		1.4	
						6.8	0.2	241	23.7		8.2		32.0		103.1		7.3		12.2		10		89				<0.2		1.4	
IM5	Fine	Moderate	15:21	7.6	Surface	1.0	0.3	177	23.4	23.4	8.1	8.1	31.4	31.4	100.8	100.8	7.2	7.2	12.5	15.5	10	13	86	87	820574	804922	<0.2	<0.2	1.6	1.6
						1.0	0.3	185	23.4		8.1		31.4		100.8		7.2		12.5		10		85				<0.2		1.7	
					Middle	3.8	0.2	192	23.3	23.3	8.1	8.1	31.7	31.7	100.1	100.1	7.1		16.8		11		87				<0.2		1.6	
						3.8	0.2	208	23.3		8.1		31.7		100.1		7.1		16.8		10		88				<0.2		1.5	
					Bottom	6.6	0.3	190	23.3	23.3	8.1	8.1	31.8	31.8	100.1	100.3	7.1	7.1	18.2		17		87				<0.2		1.5	
						6.6	0.3	204	23.3		8.1		31.7		100.5		7.1		16.1		18		88				<0.2		1.4	
IM6	Fine	Moderate	15:14	7.2	Surface	1.0	0.2	202	23.6	23.6	8.1	8.1	31.3	31.3	100.7	100.7	7.1	7.1	13.6	16.4	13	13	85	86	821086	805805	<0.2	<0.2	1.6	1.6
						1.0	0.3	206	23.6		8.1		31.3		100.7		7.1		13.6		12		86				<0.2		1.7	
					Middle	3.6	0.2	191	23.4	23.4	8.1	8.1	31.4	31.4	100.0	100.1	7.1		14.9		12		86				<0.2		1.7	
						3.6	0.2	201	23.4		8.1		31.4		100.1		7.1		15.2		12		86				<0.2		1.6	
					Bottom	6.2	0.1	162	23.4	23.4	8.1	8.1	31.8	31.8	101.4	101.4	7.2	7.2	20.4		15		87				<0.2		1.4	
						6.2	0.1	176	23.4		8.1		31.8		101.4		7.2		20.4		15		88				<0.2		1.4	
IM7	Fine	Moderate	15:07	9.0	Surface	1.0	0.1	215	23.8	23.8	8.1	8.1	29.7	29.7	101.3	101.3	7.2	7.2	11.6	14.1	12	13	85	87	821334	806863	<0.2	<0.2	2.2	1.9
						1.0	0.1	215	23.8		8.1		29.7		101.3		7.2		11.6		14		86				<0.2		2.1	
					Middle	4.5	0.2	134	23.4	23.4	8.1	8.1	31.5	31.5	100.7	100.7	7.2		15.0		13		86				<0.2		1.9	
						4.5	0.2	144	23.4		8.1		31.5		100.7		7.2		15.0		14		86				<0.2		1.9	
					Bottom	8.0	0.1	138	23.4	23.4	8.1	8.1	32.0	32.0	100.6	100.6	7.1	7.1	15.6		13		89				<0.2		1.6	
						8.0	0.1	145	23.4		8.1		32.0		100.6		7.1		15.6		14		89				<0.2		1.5	
IM8	Fine	Moderate	15:36	8.5	Surface	1.0	0.2	146	23.7	23.7	8.0	8.0	30.3	30.3	100.9	100.9	7.2	7.2	12.4	13.2	10	11	85	88	821688	807839	<0.2	<0.2	1.9	2.0
						1.0	0.2	154	23.7		8.0		30.3		100.8		7.2		12.3		11		86				<0.2		1.9	
					Middle	4.3	0.2	89	23.7	23.7	8.0	8.0	30.8	30.8	101.9	101.9	7.2		13.1		11		87				<0.2		1.9	
						4.3	0.2	92	23.7		8.0		30.8		101.9		7.2		13.2		11		87				<0.2		2.0	
					Bottom	7.5	0.2	45	23.5	23.5	8.1	8.1	31.9	31.9	100.7	100.8	7.1	7.1	14.1		12		90				<0.2		2.2	
						7.5	0.2	47	23.5		8.1		31.9		100.9		7.1		14.1		12		90				<0.2		1.9	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 21 April 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
IM9	Fine	Moderate	15:45	7.5	Surface	1.0	0.2	166	24.0	24.0	8.1	8.1	29.1	29.1	101.2	101.2	7.2	7.2	11.8	13.8	13	12	86	88	822121	808834	<0.2	<0.2	2.3	2.4
						1.0	0.2	168	24.0		8.1		29.1		101.1		7.2		11.8		13		88				<0.2		2.4	
					Middle	3.8	0.2	127	23.8	23.8	8.1	8.1	29.9	29.9	101.4	101.4	7.2		13.0		13		88				<0.2		2.4	
						3.8	0.2	128	23.8		8.1		29.9		101.4		7.2		13.1		12		87				<0.2		2.4	
					Bottom	6.5	0.3	63	23.4	23.4	8.1	8.1	31.8	31.8	100.8	100.9	7.2	7.2	16.6		12		89				<0.2		2.4	
						6.5	0.3	67	23.4		8.1		31.8		100.9		7.2		16.4		11		90				<0.2		2.4	
IM10	Fine	Moderate	15:54	8.5	Surface	1.0	0.5	114	23.7	23.7	8.0	8.0	29.5	29.5	100.0	100.0	7.2	7.2	12.8	13.6	10	12	85	88	822223	809812	<0.2	<0.2	2.4	2.4
						1.0	0.5	119	23.7		8.0		29.5		100.0		7.2		12.8		10		85				<0.2		2.4	
					Middle	4.3	0.4	106	23.7	23.7	8.1	8.1	30.2	30.2	100.4	100.4	7.2		13.5		13		88				<0.2		2.3	
						4.3	0.5	115	23.7		8.1		30.2		100.4		7.2		13.5		14		88				<0.2		2.5	
					Bottom	7.5	0.3	75	23.4	23.4	8.1	8.1	31.3	31.3	99.1	99.1	7.1	7.1	14.4		13		90				<0.2		2.2	
						7.5	0.3	79	23.4		8.1		31.3		99.1		7.1		14.4		12		90				<0.2		2.6	
IM11	Fine	Moderate	16:08	7.8	Surface	1.0	0.2	135	24.1	24.1	8.1	8.1	29.7	29.7	103.2	103.2	7.3	7.3	12.4	14.2	12	13	85	88	821512	810539	<0.2	<0.2	2.2	2.1
						1.0	0.2	138	24.1		8.1		29.7		103.1		7.3		12.4		11		85				<0.2		2.2	
					Middle	3.9	0.3	88	23.7	23.7	8.1	8.1	30.8	30.8	101.8	101.9	7.2		14.6		12		88				<0.2		2.0	
						3.9	0.3	95	23.7		8.1		30.8		101.9		7.2		14.8		14		88				<0.2		2.0	
					Bottom	6.8	0.3	80	23.6	23.6	8.1	8.1	31.2	31.2	102.0	101.9	7.2	7.2	15.4		13		90				<0.2		2.1	
						6.8	0.3	85	23.6		8.1		31.2		101.8		7.2		15.3		13		90				<0.2		2.3	
IM12	Fine	Moderate	16:17	8.4	Surface	1.0	0.3	97	23.9	23.9	8.1	8.1	29.5	29.5	100.7	100.7	7.2	7.2	12.9	16.5	11	13	86	88	821171	811504	<0.2	<0.2	2.5	2.3
						1.0	0.3	99	23.9		8.1		29.5		100.7		7.2		12.9		12		85				<0.2		2.2	
					Middle	4.2	0.3	108	23.8	23.8	8.1	8.1	30.2	30.2	100.9	101.0	7.2		14.6		13		88				<0.2		2.0	
						4.2	0.3	116	23.8		8.1		30.2		101.0		7.2		14.7		12		88				<0.2		2.4	
					Bottom	7.4	0.4	100	23.7	23.7	8.1	8.1	30.9	30.9	100.6	100.7	7.1	7.1	22.0		15		90				<0.2		2.1	
						7.4	0.4	100	23.7		8.1		30.9		100.7		7.1		21.8		15		89				<0.2		2.3	
SR2	Fine	Moderate	16:43	3.9	Surface	1.0	0.4	85	23.8	23.8	8.0	8.0	29.7	29.7	98.0	98.0	7.0	7.0	12.5	14.5	13	13	86	87	821435	814181	<0.2	<0.2	2.2	2.2
						1.0	0.4	93	23.8		8.0		29.7		97.9		7.0		12.5		13		85				<0.2		2.0	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	0.3	85	23.5	23.5	8.0	8.0	30.2	30.2	95.9	95.9	6.9	6.9	16.5		12		88				<0.2		2.3	
						2.9	0.3	90	23.5		8.0		30.2		95.8		6.8		16.6		12		88				<0.2		2.1	
SR3	Fine	Moderate	15:30	9.3	Surface	1.0	0.3	222	23.9	23.8	8.0	8.0	29.3	29.3	99.9	99.9	7.1	7.1	12.3	15.1	14	14	-	-	822131	807588	-	-	-	-
						1.0	0.3	224	23.8		8.0		29.3		99.8		7.1		12.3		13		-				-		-	
					Middle	4.7	0.1	181	23.4	23.4	8.0	8.0	30.4	30.4	98.9	98.9	7.1		14.5		14		-				-		-	
						4.7	0.1	183	23.4		8.0		30.4		98.9		7.1		14.5		13		-				-		-	
					Bottom	8.3	0.2	45	23.3	23.3	8.0	8.0	31.6	31.6	99.8	99.8	7.1	7.1	18.4		15		-				-		-	
						8.3	0.3	48	23.3		8.0		31.6		99.7		7.1		18.3		16		-				-		-	
SR4A	Fine	Calm	16:27	8.8	Surface	1.0	0.1	48	23.5	23.5	8.2	8.2	32.2	32.2	101.5	101.5	7.2	7.2	11.5	13.3	9	11	-	-	817193	807822	-	-	-	-
						1.0	0.1	51	23.5		8.2		32.2		101.5		7.2		11.5		10		-				-		-	
					Middle	4.4	0.1	74	23.3	23.3	8.2	8.2	32.5	32.5	100.9	100.9	7.1		13.6		10		-				-		-	
						4.4	0.1	78	23.3		8.2		32.5		100.9		7.1		13.6		12		-				-		-	
					Bottom	7.8	0.2	74	23.2	23.2	8.2	8.2	32.6	32.6	100.4	100.4	7.1	7.1	14.8		13		-				-		-	
						7.8	0.2	75	23.2		8.2		32.6		100.4		7.1		14.8		14		-				-		-	
SR5A	Fine	Calm	16:43	5.3	Surface	1.0	0.1	85	24.0	24.0	8.1	8.1	31.0	31.0	99.7	99.7	7.0	7.0	13.7	13.6	12	14	-	-	816565	810711	-	-	-	-
						1.0	0.1	91	24.0		8.1		31.0		99.7		7.0		13.7		12		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.3	0.2	121	24.1	24.1	8.1	8.1	31.3	31.3	99.8	99.8	7.0	7.0	13.5		16		-				-		-	
						4.3	0.3	124	24.1		8.1		31.3		99.8		7.0		13.5		14		-				-		-	
SR6	Fine	Calm	17:04	4.2	Surface	1.0	0.1	33	24.0	24.0	8.1	8.1	30.6	30.6	97.2	97.2	6.9	6.9	13.0	14.2	13	15	-	-	817928	814658	-	-	-	-
						1.0	0.1	35	24.0		8.1		30.6		97.2		6.9		13.0		14		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.1	0	23.8	23.8	8.1	8.1	30.6	30.6	97.2	97.2	6.9	6.9	15.3		16		-				-		-	
						3.2	0.1	0	23.8		8.1		30.6		97.2		6.9		15.3		15		-				-		-	
SR7	Fine	Moderate	17:31	18.0	Surface	1.0	0.5	93	23.6	23.6	8.0	8.0	31.2	31.2	95.1	95.1	6.8	6.7	8.4	10.1	7	8	-	-	823617	823746	-	-	-	-
						1.0	0.5	100	23.6		8.0		31.2		95.0		6.7		8.4		8		-				-		-	
					Middle	9.0	0.4	66	23.4	23.4	8.0	8.0	31.6	31.6	92.5	92.5	6.6		9.6		10		-				-		-	
						9.0	0.5	68	23.4		8.0		31.6		92.5		6.6		9.6		8		-				-		-	
					Bottom	17.0	0.2	53	23.4	23.4	8.0	8.0	31.6	31.6	92.7	92.7	6.6	6.6	12.3		8		-				-		-	
						17.0	0.2	56	23.4		8.0		31.6		92.7		6.6		12.4		9		-				-		-	
SR8	Fine	Moderate	16:27	4.0	Surface	1.0	-	-	23.8	23.8	8.1	8.1	29.9	29.9	97.0	97.0	6.9	6.9	14.2	14.6	11	12	-	-	820246	811418	-	-	-	-
						1.0	-	-	23.8		8.1		29.9		97.0		6.9		14.1		11		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	23.5	23.5	8.1	8.1	30.6	30.6	97.2	97.2	6.9	6.9	15.1		12		-				-		-	
						3.0	-	-	23.5		8.1		30.6		97.1		6.9		15.1		14		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 21 April 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
C1	Fine	Moderate	10:26	9.2	Surface	1.0	0.5	38	23.0	23.0	8.2	8.2	32.4	32.4	101.9	101.9	7.2	7.2	10.8	12.9	13	14	85	88	815603	804247	<0.2	<0.2	1.0	1.1
						1.0	0.5	38	23.0		8.2		32.4		101.9		7.2		10.8		11		86				<0.2		1.0	
					Middle	4.6	0.5	47	23.0	23.0	8.2	8.2	32.5	32.5	101.0	101.0	7.2		13.5		12		88				<0.2		1.1	
						4.6	0.5	47	23.0		8.2		32.5		101.0		7.2		13.5		13		88				<0.2		1.1	
					Bottom	8.2	0.4	57	23.0	23.0	8.2	8.2	32.6	32.6	101.1	101.1	7.2	7.2	14.3		18		89				<0.2		1.2	
						8.2	0.4	61	23.0		8.2		32.6		101.1		7.2		14.3		17		90				<0.2		1.2	
C2	Fine	Moderate	11:04	12.5	Surface	1.0	0.6	343	23.5	23.5	7.9	7.9	28.3	28.3	95.8	95.8	6.9	6.9	9.8	11.6	7	8	86	88	825677	806954	<0.2	<0.2	2.3	2.5
						1.0	0.6	353	23.5		7.9		28.3		95.8		6.9		9.8		7		86				<0.2		2.8	
					Middle	6.3	0.5	342	23.5	23.5	8.0	8.0	28.5	28.5	95.0	95.0	6.9		11.2		8		88				<0.2		2.6	
						6.3	0.6	358	23.5		8.0		28.5		95.0		6.9		11.3		8		88				<0.2		2.6	
					Bottom	11.5	0.4	356	23.3	23.3	8.0	8.0	28.8	28.8	94.1	94.2	6.8	6.8	13.7		8		90				<0.2		2.3	
						11.5	0.5	328	23.3		8.0		28.8		94.2		6.8		13.8		9		90				<0.2		2.4	
C3	Fine	Moderate	09:14	11.9	Surface	1.0	0.5	264	23.3	23.3	8.0	8.0	30.4	30.4	95.6	95.6	6.9	6.8	7.9	9.5	6	6	86	88	822129	817824	<0.2	<0.2	1.6	1.7
						1.0	0.5	265	23.3		8.0		30.4		95.5		6.8		7.9		6		85				<0.2		1.8	
					Middle	6.0	0.4	255	23.2	23.2	8.0	8.0	30.6	30.6	93.2	93.3	6.7		9.4		6		88				<0.2		1.7	
						6.0	0.4	263	23.2		8.0		30.6		93.3		6.7		9.4		6		87				<0.2		1.6	
					Bottom	10.9	0.4	273	23.1	23.1	8.0	8.0	31.7	31.7	90.6	90.6	6.5	6.5	11.3		6		90				<0.2		1.8	
						10.9	0.4	282	23.1		8.0		31.7		90.6		6.5		11.2		6		90				<0.2		1.6	
IM1	Fine	Moderate	10:43	7.9	Surface	1.0	0.4	357	23.2	23.2	8.1	8.1	31.0	31.0	101.9	101.9	7.3	7.3	8.9	9.3	6	6	85	87	818360	806471	<0.2	<0.2	1.3	1.4
						1.0	0.5	328	23.2		8.1		31.0		101.9		7.3		8.9		5		85				<0.2		1.2	
					Middle	4.0	0.4	-	23.2	23.2	8.1	8.1	31.1	31.1	101.7	101.7	7.3		10.2		6		87				<0.2		1.5	
						4.0	0.4	-	23.2		8.1		31.1		101.7		7.3		10.2		5		88				<0.2		1.6	
					Bottom	6.9	0.4	4	23.2	23.2	8.1	8.1	31.1	31.1	101.0	101.0	7.2	7.2	8.8		7		89				<0.2		1.4	
						6.9	0.4	4	23.2		8.1		31.1		101.0		7.2		8.8		6		87				<0.2		1.5	
IM2	Fine	Moderate	10:48	8.6	Surface	1.0	0.4	18	23.3	23.3	8.1	8.1	30.9	30.9	102.1	102.0	7.3	7.3	8.4	11.9	6	7	86	88	818865	806193	<0.2	<0.2	1.8	1.5
						1.0	0.4	19	23.3		8.1		30.9		101.9		7.3		9.4		4		85				<0.2		1.4	
					Middle	4.3	0.5	31	23.1	23.1	8.1	8.1	31.3	31.3	100.2	100.2	7.2		13.4		7		88				<0.2		1.4	
						4.3	0.5	32	23.1		8.1		31.3		100.2		7.2		13.4		6		87				<0.2		1.5	
					Bottom	7.6	0.3	39	23.1	23.1	8.2	8.2	31.6	31.6	100.4	100.4	7.2	7.2	13.3		9		89				<0.2		1.3	
						7.6	0.3	42	23.1		8.2		31.6		100.4		7.2		13.3		10		90				<0.2		1.7	
IM3	Fine	Moderate	10:52	8.6	Surface	1.0	0.6	354	23.4	23.4	8.1	8.1	30.8	30.8	102.4	102.4	7.3	7.3	9.7	16.3	7	8	85	88	819426	806010	<0.2	<0.2	1.6	1.4
						1.0	0.6	326	23.4		8.1		30.8		102.4		7.3		9.6		8		86				<0.2		1.3	
					Middle	4.3	0.6	358	23.3	23.3	8.1	8.1	30.9	30.9	100.7	100.7	7.2		14.6		6		88				<0.2		1.5	
						4.3	0.6	329	23.3		8.1		30.9		100.7		7.2		14.6		7		87				<0.2		1.4	
					Bottom	7.6	0.4	351	23.1	23.1	8.2	8.2	31.8	31.8	99.9	99.9	7.1	7.1	24.5		9		89				<0.2		1.2	
						7.6	0.4	323	23.1		8.2		31.8		99.9		7.1		24.5		8		90				<0.2		1.5	
IM4	Fine	Moderate	11:00	8.2	Surface	1.0	0.5	35	23.4	23.4	8.1	8.1	30.7	30.7	100.2	100.2	7.2	7.2	11.1	11.7	8	8	85	87	819547	805050	<0.2	<0.2	1.7	1.5
						1.0	0.6	38	23.4		8.1		30.7		100.2		7.2		11.1		8		85				<0.2		1.6	
					Middle	4.1	0.6	34	23.2	23.2	8.1	8.1	31.1	31.1	99.7	99.7	7.1		9.9		9		88				<0.2		1.5	
						4.1	0.6	35	23.2		8.1		31.1		99.7		7.1		9.9		9		87				<0.2		1.5	
					Bottom	7.2	0.4	38	23.3	23.3	8.1	8.1	31.1	31.1	100.2	100.2	7.2	7.2	14.1		7		89				<0.2		1.3	
						7.2	0.5	38	23.3		8.1		31.1		100.2		7.2		14.1		8		88				<0.2		1.4	
IM5	Fine	Moderate	11:09	7.8	Surface	1.0	0.6	355	23.5	23.5	8.1	8.1	30.6	30.6	101.9	101.9	7.3	7.3	9.1	13.1	8	7	85	87	820549	804935	<0.2	<0.2	1.4	1.5
						1.0	0.6	327	23.5		8.1		30.6		101.9		7.3		9.1		6		85				<0.2		1.4	
					Middle	3.9	0.6	357	23.5	23.5	8.1	8.1	30.7	30.7	101.4	101.4	7.2		10.3		7		85				<0.2		1.4	
						3.9	0.6	328	23.5		8.1		30.7		101.4		7.2		10.3		6		86				<0.2		1.5	
					Bottom	6.8	0.6	-	23.4	23.4	8.1	8.1	30.9	30.9	101.6	101.6	7.2	7.2	20.0		8		89				<0.2		1.6	
						6.8	0.7	-	23.4		8.1		30.9		101.6		7.2		20.0		9		90				<0.2		1.5	
IM6	Fine	Moderate	11:16	7.8	Surface	1.0	0.3	2	23.3	23.3	8.2	8.2	31.1	31.1	99.3	99.3	7.1	7.1	16.6	18.1	17	19	85	88	821037	805856	<0.2	<0.2	1.3	1.4
						1.0	0.3	2	23.3		8.2		31.1		99.3		7.1		16.7		16		86				<0.2		1.5	
					Middle	3.9	0.3	13	23.3	23.3	8.2	8.2	31.1	31.1	99.1	99.1	7.1		17.7		18		87				<0.2		1.3	
						3.9	0.3	13	23.3		8.2		31.1		99.1		7.1		17.7		17		87				<0.2		1.4	
					Bottom	6.8	0.2	355	23.3	23.3	8.1	8.1	31.1	31.1	99.9	99.9	7.1	7.1	19.9		25		89				<0.2		1.4	
						6.8	0.2	327	23.3		8.1		31.1		99.9		7.1		19.9		23		95				<0.2		1.3	
IM7	Fine	Moderate	11:23	8.7	Surface	1.0	0.5	35	23.4	23.4	8.2	8.2	31.3	31.3	99.6	99.6	7.1	7.1	15.2	17.3	14	18	86	88	821345	806834	<0.2	<0.2	1.4	1.5
						1.0	0.5	37	23.4		8.2		31.3		99.6		7.1		15.2		15		85				<0.2		1.3	
					Middle	4.4	0.4	35	23.3	23.3	8.2	8.2	31.3	31.3	99.4	99.4	7.1		16.6		18		87				<0.2		1.6	
						4.4	0.4	35	23.3		8.2		31.3		99.4		7.1		16.6		19		87				<0.2		1.1	
					Bottom	7.7	0.3	43	23.3	23.3	8.2	8.2	31.4	31.4	99.7	99.7	7.1	7.1	20.1		22		89				<0.2		1.4	
						7.7	0.3	44	23.3		8.2		31.4		99.7		7.1		20.1		20		96				<0.2		2.0	
IM8	Fine	Moderate	10:38	8.8	Surface	1.0	0.1	333	23.4	23.4	8.0	8.0	28.2	28.2	97.3	97.4	7.0	7.0	16.5	17.5	11	14	86	88	821709	807828	<0.2	<0.2	2.4	2.4
						1.0	0.1	335	23.4		8.0		28.2		97.4		7.1		16.5		11		86				<0.2		2.4	
					Middle	4.4	0.2	40	23.4	23.4	8.0	8.0	28.5	28.5	96.9	96.9	7.0		17.1		15		88				<0.2		2.5	
						4.4	0.2	43	23.4		8.0		28.5		96.9		7.0		17.1		17		88				<0.2		2.6	
					Bottom	7.8	0.4	41	23.3	23.3	8.1	8.1	29.8	29.8	97.4	97.4	7.0	7.0	18.9		16		90				<0.2		2.3	
						7.8	0.4	41	23.3		8.1		29.8		97.3		7.0		18.9		15		90				<0.2		2.4	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 21 April 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
IM9	Fine	Moderate	10:31	7.8	Surface	1.0	0.3	326	23.3	23.3	8.1	8.1	28.7	28.7	96.0	96.0	6.9	6.9	18.2	20.8	17	19	86	88	822098	808823	<0.2	<0.2	2.3	2.3
						1.0	0.4	341	23.3		8.1		28.7		96.0		6.9		18.6		19		86				<0.2		2.2	
					Middle	3.9	0.3	330	23.3	23.3	8.1	8.1	28.7	28.7	95.7	95.7	6.9		20.2		17		88				<0.2		2.2	
						3.9	0.3	347	23.3		8.1		28.7		95.7		6.9		20.2		18		88				<0.2		2.2	
					Bottom	6.8	0.3	324	23.3	23.3	8.1	8.1	28.9	28.9	96.4	96.4	7.0	7.0	23.6		21		90				<0.2		2.4	
						6.8	0.3	338	23.3		8.1		28.9		96.4		7.0		23.7		21		90				<0.2		2.2	
IM10	Fine	Moderate	10:23	8.7	Surface	1.0	0.5	295	23.4	23.4	8.0	8.0	28.9	28.9	96.4	96.4	7.0	7.0	13.0	14.8	13	13	86	88	822217	809845	<0.2	<0.2	2.0	2.1
						1.0	0.5	299	23.4		8.0		28.9		96.4		7.0		13.0		13		86				<0.2		2.0	
					Middle	4.4	0.5	298	23.3	23.3	8.0	8.0	29.0	29.0	95.7	95.8	6.9		14.9		14		88				<0.2		2.0	
						4.4	0.5	315	23.3		8.0		29.0		95.8		6.9		14.8		12		88				<0.2		2.2	
					Bottom	7.7	0.3	317	23.2	23.2	8.1	8.1	29.3	29.3	95.5	95.6	6.9	6.9	16.5		14		90				<0.2		2.0	
						7.7	0.3	320	23.2		8.1		29.3		95.6		6.9		16.6		14		90				<0.2		2.2	
IM11	Fine	Moderate	10:07	8.0	Surface	1.0	0.3	281	23.3	23.3	8.0	8.0	29.2	29.2	95.8	95.8	6.9	6.9	15.8	17.7	19	20	86	88	821520	810537	<0.2	<0.2	1.9	2.0
						1.0	0.3	286	23.3		8.0		29.2		95.7		6.9		15.7		18		86				<0.2		2.2	
					Middle	4.0	0.3	283	23.3	23.3	8.1	8.1	29.3	29.3	94.8	94.8	6.8		17.4		21		88				<0.2		2.1	
						4.0	0.3	310	23.3		8.1		29.3		94.8		6.8		17.5		21		88				<0.2		2.0	
					Bottom	7.0	0.3	296	23.2	23.2	8.0	8.0	29.6	29.6	94.5	94.5	6.8	6.8	19.9		21		90				<0.2		2.0	
						7.0	0.3	303	23.2		8.0		29.6		94.5		6.8		19.8		22		90				<0.2		1.9	
IM12	Fine	Moderate	10:00	8.1	Surface	1.0	0.7	286	23.3	23.3	8.0	8.0	29.1	29.1	95.3	95.3	6.9	6.9	12.6	14.9	10	12	86	88	821185	811490	<0.2	<0.2	1.9	1.9
						1.0	0.7	300	23.3		8.0		29.1		95.3		6.9		12.6		12		86				<0.2		1.8	
					Middle	4.1	0.5	283	23.3	23.3	8.0	8.0	29.4	29.4	94.7	94.8	6.8		14.5		12		88				<0.2		1.9	
						4.1	0.5	300	23.3		8.0		29.4		94.8		6.8		14.6		13		88				<0.2		2.0	
					Bottom	7.1	0.4	291	23.3	23.3	8.0	8.0	29.6	29.6	94.8	94.9	6.8	6.8	17.5		12		90				<0.2		1.8	
						7.1	0.4	295	23.3		8.0		29.6		94.9		6.8		17.7		13		90				<0.2		1.8	
SR2	Fine	Moderate	09:35	4.7	Surface	1.0	0.1	8	23.4	23.4	8.0	8.0	29.4	29.4	94.3	94.3	6.8	6.8	12.0	13.6	14	16	86	87	821449	814150	<0.2	<0.2	1.5	1.6
						1.0	0.1	8	23.4		8.0		29.4		94.3		6.8		12.1		14		86				<0.2		1.6	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.7	0.2	350	23.3	23.3	8.0	8.0	30.0	30.0	94.6	94.6	6.8	6.8	15.1		18		88				<0.2		1.6	
						3.7	0.2	322	23.3		8.0		30.0		94.6		6.8		15.1		18		88				<0.2		1.5	
SR3	Fine	Moderate	10:45	9.6	Surface	1.0	0.4	344	23.4	23.4	8.0	8.0	28.3	28.3	97.3	97.4	7.0	7.0	14.7	16.7	19	19	-	-	822168	807589	-	-	-	-
						1.0	0.4	316	23.4		8.0		28.3		97.4		7.1		14.7		18		-				-		-	
					Middle	4.8	0.4	5	23.4	23.4	8.0	8.0	28.7	28.7	97.2	97.2	7.0		17.2		18		-				-		-	
						4.8	0.4	5	23.4		8.0		28.7		97.1		7.0		17.3		18		-				-		-	
					Bottom	8.6	0.4	24	23.3	23.3	8.1	8.1	29.7	29.7	96.7	96.8	7.0	7.0	18.0		19		-				-		-	
						8.6	0.4	24	23.3		8.1		29.7		96.8		7.0		18.4		20		-				-		-	
SR4A	Fine	Calm	10:04	8.8	Surface	1.0	0.3	251	23.3	23.3	8.1	8.1	31.0	31.0	96.2	96.2	6.9	6.9	11.8	11.4	9	11	-	-	817177	807800	-	-	-	-
						1.0	0.3	258	23.3		8.1		31.0		96.2		6.9		11.8		10		-				-		-	
					Middle	4.4	0.2	250	23.2	23.2	8.1	8.1	31.1	31.1	96.6	96.6	6.9		11.1		12		-				-		-	
						4.4	0.2	263	23.2		8.1		31.1		96.6		6.9		11.1		12		-				-		-	
					Bottom	7.8	0.2	276	23.2	23.2	8.1	8.1	31.3	31.3	97.9	97.9	7.0	7.0	11.4		12		-				-		-	
						7.8	0.2	300	23.2		8.1		31.3		97.9		7.0		11.4		11		-				-		-	
SR5A	Fine	Calm	09:48	5.6	Surface	1.0	0.2	278	23.3	23.3	8.1	8.1	30.6	30.6	94.8	94.8	6.8	6.8	14.1	14.8	15	16	-	-	816567	810669	-	-	-	-
						1.0	0.2	297	23.3		8.1		30.6		94.8		6.8		14.1		14		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.6	0.2	300	23.3	23.3	8.1	8.1	30.7	30.7	95.8	95.9	6.9	6.9	15.4		18		-				-		-	
						4.6	0.2	322	23.3		8.1		30.7		95.9		6.9		15.5		16		-				-		-	
SR6	Sunny	Calm	09:24	4.2	Surface	1.0	0.2	241	23.2	23.2	8.1	8.1	30.2	30.2	92.6	92.6	6.7	6.7	10.7	10.6	10	11	-	-	817911	814645	-	-	-	-
						1.0	0.2	248	23.2		8.1		30.3		92.5		6.6		10.8		11		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.2	238	23.2	23.2	8.1	8.1	30.3	30.3	92.9	92.9	6.7	6.7	10.4		11		-				-		-	
						3.2	0.2	238	23.2		8.1		30.3		92.9		6.7		10.3		11		-				-		-	
SR7	Fine	Moderate	08:47	18.8	Surface	1.0	0.2	256	23.1	23.1	8.0	8.0	31.1	31.1	93.1	93.1	6.7	6.6	7.2	7.6	7	9	-	-	823624	823735	-	-	-	-
						1.0	0.2	265	23.1		8.0		31.1		93.0		6.7		7.2		6		-				-		-	
					Middle	9.4	0.4	217	23.0	23.0	7.9	7.9	31.6	31.6	90.4	90.4	6.5		7.6		8		-				-		-	
						9.4	0.4	221	23.0		7.9		31.6		90.3		6.5		7.6		9		-				-		-	
					Bottom	17.8	0.1	229	23.0	23.0	7.9	7.9	31.7	31.7	90.5	90.6	6.5	6.5	8.0		12		-				-		-	
						17.8	0.1	243	23.0		7.9		31.7		90.6		6.5		8.1		10		-				-		-	
SR8	Fine	Moderate	09:51	3.9	Surface	1.0	-	-	23.5	23.5	8.0	8.0	28.3	28.3	97.4	97.4	7.0	7.0	12.6	12.2	13	14	-	-	820246	811418	-	-	-	-
						1.0	-	-	23.5		8.0		28.3		97.4		7.0		12.6		12		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	23.5	23.5	8.0	8.0	28.3	28.3	98.6	98.7	7.1	7.1	11.8		14		-				-		-	
						2.9	-	-	23.5		8.0		28.3		98.7		7.1		11.8		15		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 24 April 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
C1	Cloudy	Moderate	09:30	8.6	Surface	1.0	0.1	147	24.3	24.3	8.2	8.2	28.8	28.9	108.1	108.1	7.7	7.6	7.6	9.8	4	5	83	85	815620	804263	<0.2	<0.2	1.9	1.8
						1.0	0.1	152	24.3		8.2		28.9		108.1		7.7		7.4		3		83				<0.2		2.0	
					Middle	4.3	0.2	220	23.9	23.9	8.2	8.2	31.3	31.3	105.8	105.8	7.5		8.2		5		85				<0.2		1.8	
						4.3	0.2	240	23.9		8.2		31.3		105.8		7.5		8.4		5		86				<0.2		1.9	
					Bottom	7.6	0.1	208	23.8	23.8	8.2	8.2	31.8	31.8	104.0	104.0	7.3	7.3	13.5		6		87				<0.2		1.5	
						7.6	0.1	210	23.8		8.2		31.8		104.0		7.3		13.6		5		88				<0.2		1.6	
C2	Rainy	Moderate	10:28	11.7	Surface	1.0	0.6	182	24.8	24.8	7.9	7.9	23.8	23.8	95.6	95.7	6.9	6.8	9.4	11.1	3	4	85	87	825684	806962	<0.2	<0.2	2.8	2.8
						1.0	0.6	187	24.8		7.9		23.8		95.7		6.9		9.5		4		85				<0.2		2.7	
					Middle	5.9	0.3	174	24.5	24.5	7.9	7.9	27.0	27.0	92.9	92.9	6.6		10.0		3		87				<0.2		2.8	
						5.9	0.3	181	24.5		7.9		27.0		92.8		6.6		10.0		4		88				<0.2		2.8	
					Bottom	10.7	0.2	141	23.8	23.8	8.0	8.0	30.4	30.4	88.7	88.8	6.3	6.3	13.8		5		89				<0.2		2.8	
						10.7	0.2	148	23.8		8.0		30.4		88.8		6.3		13.7		3		90				<0.2		3.0	
C3	Cloudy	Moderate	08:21	11.9	Surface	1.0	0.1	66	24.3	24.3	8.0	8.0	29.1	29.1	95.5	95.5	6.8	6.6	7.0	7.7	2	3	85	88	822127	817805	<0.2	<0.2	2.1	2.0
						1.0	0.1	70	24.3		8.0		29.2		95.5		6.8		7.0		4		85				<0.2		2.0	
					Middle	6.0	0.0	109	23.8	23.8	8.0	8.0	31.4	31.4	91.1	91.1	6.4		7.3		2		87				<0.2		2.2	
						6.0	0.0	118	23.8		8.0		31.4		91.1		6.4		7.3		3		88				<0.2		1.9	
					Bottom	10.9	0.1	108	23.7	23.7	8.0	8.0	31.6	31.7	91.1	91.1	6.4	6.4	8.7		2		90				<0.2		2.0	
						10.9	0.1	111	23.7		8.0		31.7		91.1		6.4		8.7		4		90				<0.2		2.0	
IM1	Rainy	Moderate	09:49	7.3	Surface	1.0	0.2	184	24.5	24.5	8.1	8.1	26.8	26.8	104.1	104.1	7.5	7.5	10.1	12.0	5	6	83	86	818325	806459	<0.2	<0.2	1.8	1.9
						1.0	0.2	186	24.5		8.1		26.8		104.1		7.5		9.8		4		84				<0.2		1.8	
					Middle	3.7	0.2	166	24.4	24.3	8.1	8.1	28.6	28.6	103.6	103.6	7.4		11.6		6		85				<0.2		1.7	
						3.7	0.2	175	24.3		8.1		28.6		103.6		7.4		11.7		8		86				<0.2		1.9	
					Bottom	6.3	0.1	133	24.0	24.0	8.2	8.2	30.7	30.7	102.5	102.5	7.2	7.2	14.6		6		88				<0.2		2.0	
						6.3	0.1	143	24.0		8.2		30.7		102.5		7.2		14.4		6		88				<0.2		2.0	
IM2	Rainy	Moderate	09:55	8.3	Surface	1.0	0.2	226	24.5	24.5	8.1	8.1	27.1	27.1	104.0	104.0	7.4	7.4	8.0	10.1	5	5	84	86	818798	806263	<0.2	<0.2	2.1	1.9
						1.0	0.2	248	24.5		8.1		27.1		104.0		7.4		8.2		4		84				<0.2		1.8	
					Middle	4.2	0.2	173	24.3	24.3	8.1	8.1	28.8	28.8	103.6	103.6	7.4		10.4		5		85				<0.2		1.8	
						4.2	0.2	175	24.3		8.1		28.9		103.6		7.4		10.7		4		86				<0.2		1.9	
					Bottom	7.3	0.1	112	24.2	24.2	8.1	8.1	29.8	29.8	103.6	103.7	7.3	7.3	11.7		5		88				<0.2		2.1	
						7.3	0.1	118	24.2		8.1		29.8		103.7		7.3		11.7		5		88				<0.2		1.9	
IM3	Rainy	Moderate	10:01	8.2	Surface	1.0	0.2	176	24.5	24.5	8.1	8.1	27.4	27.4	101.9	101.9	7.3	7.3	10.2	11.2	6	6	83	86	819386	805994	<0.2	<0.2	1.8	1.8
						1.0	0.2	177	24.5		8.1		27.4		101.9		7.3		10.2		6		83				<0.2		1.9	
					Middle	4.1	0.2	195	24.4	24.4	8.1	8.1	28.0	28.0	101.9	102.0	7.3		10.8		7		86				<0.2		1.9	
						4.1	0.2	205	24.4		8.1		28.0		102.0		7.3		10.6		5		86				<0.2		1.8	
					Bottom	7.2	0.2	122	24.2	24.2	8.1	8.1	29.5	29.5	101.4	101.4	7.2	7.2	12.7		6		88				<0.2		1.6	
						7.2	0.2	123	24.2		8.1		29.5		101.4		7.2		12.7		6		88				<0.2		1.8	
IM4	Rainy	Moderate	10:08	7.5	Surface	1.0	0.3	205	24.4	24.4	8.1	8.1	27.0	26.9	103.8	103.8	7.4	7.4	9.5	12.4	6	8	84	86	819560	805065	<0.2	<0.2	1.9	2.0
						1.0	0.4	205	24.4		8.1		26.9		103.8		7.4		9.7		6		83				<0.2		2.0	
					Middle	3.8	0.3	205	24.3	24.3	8.1	8.1	28.7	28.6	103.1	103.1	7.3		12.1		6		86				<0.2		1.9	
						3.8	0.3	207	24.3		8.1		28.6		103.1		7.3		12.0		7		86				<0.2		2.0	
					Bottom	6.5	0.2	180	24.1	24.0	8.1	8.1	30.2	30.2	102.4	102.3	7.2	7.2	15.3		11		89				<0.2		2.1	
						6.5	0.2	181	24.0		8.1		30.3		102.2		7.2		15.8		10		89				<0.2		1.9	
IM5	Rainy	Moderate	10:18	6.9	Surface	1.0	0.2	228	24.5	24.5	8.1	8.1	25.6	25.6	102.8	102.8	7.4	7.4	10.9	14.8	6	7	84	87	820546	804923	<0.2	<0.2	2.0	2.0
						1.0	0.3	233	24.5		8.1		25.6		102.7		7.4		11.0		6		85				<0.2		1.9	
					Middle	3.5	0.2	205	24.4	24.4	8.1	8.1	27.8	27.8	101.9	101.9	7.3		15.2		7		88				<0.2		2.0	
						3.5	0.2	220	24.4		8.1		27.8		101.9		7.3		15.4		6		88				<0.2		1.9	
					Bottom	5.9	0.1	182	24.3	24.3	8.1	8.1	29.0	29.0	100.9	100.9	7.2	7.2	18.1		8		89				<0.2		1.9	
						5.9	0.1	191	24.3		8.1		29.0		100.9		7.2		18.1		6		89				<0.2		2.0	
IM6	Rainy	Moderate	10:27	6.8	Surface	1.0	0.2	218	24.6	24.6	8.1	8.1	24.0	23.9	100.8	100.8	7.3	7.3	10.2	11.9	6	6	83	86	821030	805836	<0.2	<0.2	2.8	2.8
						1.0	0.2	230	24.6		8.1		23.9		100.8		7.3		9.9		4		84				<0.2		2.7	
					Middle	3.4	0.2	192	24.4	24.4	8.1	8.1	27.3	27.3	100.7	100.7	7.2		13.1		7		86				<0.2		2.8	
						3.4	0.2	194	24.4		8.1		27.3		100.7		7.2		14.0		6		86				<0.2		2.7	
					Bottom	5.8	0.1	183	24.4	24.4	8.1	8.1	28.5	28.5	100.9	100.9	7.2	7.2	12.0		5		89				<0.2		2.8	
						5.8	0.1	185	24.4		8.1		28.5		100.9		7.2		12.1		5		89				<0.2		2.8	
IM7	Rainy	Moderate	10:35	8.2	Surface	1.0	0.1	177	24.5	24.5	8.1	8.1	25.9	25.9	100.1	100.1	7.2	7.2	8.4	10.5	5	6	85	88	821355	806823	<0.2	<0.2	2.8	2.7
						1.0	0.1	191	24.5		8.1		25.9		100.1		7.2		8.5		7		85				<0.2		2.6	
					Middle	4.1	0.1	156	24.4	24.4	8.1	8.1	26.7	26.7	99.0	99.0	7.1		10.5		7		88				<0.2		2.7	
						4.1	0.1	157	24.4		8.1		26.8		99.0		7.1		10.7		6		88				<0.2		2.7	
					Bottom	7.2	0.1	131	24.4	24.4	8.1	8.1	27.8	27.8	98.8	98.8	7.0	7.1	12.3		6		90				<0.2		2.8	
						7.2	0.1	137	24.4		8.1		27.8		98.8		7.1		12.4		5		90				<0.2		2.7	
IM8	Rainy	Moderate	09:58	8.1	Surface	1.0	0.2	140	24.7	24.7	7.9	7.9	24.1	24.1	97.6	97.6	7.1	7.1	9.4	10.7	6	5	86	88	821706	807856	<0.2	<0.2	2.8	3.0
						1.0	0.2	150	24.7		7.9		24.1		97.6		7.1		9.4		5		85				<0.2		2.7	
					Middle	4.1	0.2	97	24.5	24.5	8.0	8.0	26.7	26.7	97.4	97.5	7.0		11.6		5		88				<0.2		3.3	
						4.1	0.2	98	24.5		8.0		26.7		97.5		7.0		11.6		5		88				<0.2		3.2	
					Bottom	7.1	0.2	67	24.4	24.4	8.0	8.0	27.8	27.8	98.4	98.5	7.0	7.0	11.2		6		90				<0.2		2.8	
						7.1	0.2	67	24.4		8.0		27.8		98.5		7.0		11.2		5		90				<0.2		3.0	

DA: Depth-Averaged
Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher
Value exceeding Action Level is underlined; **Value exceeding Limit Level is bolded and underlined**
Note: Access to IM2 was blocked by a barge. The monitoring at IM2 was slightly shifted to the closest safe and accessible location temporarily.

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 24 April 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
IM9	Rainy	Moderate	09:50	7.1	Surface	1.0	0.3	144	24.9	24.9	7.9	7.9	23.2	23.2	97.7	97.7	7.1	7.1	8.9	10.1	6	6	85	88	822087	808803	<0.2	<0.2	3.0	3.1
						1.0	0.3	145	24.9		7.9		23.2		97.7		7.1		8.9		6		86				<0.2		3.2	
					Middle	3.6	0.3	103	24.5	24.5	8.0	8.0	26.1	26.1	97.4	97.4	7.0		10.1		4		88				<0.2		3.1	
						3.6	0.3	109	24.5		8.0		26.1		97.4		7.0		10.2		5		87				<0.2		3.0	
					Bottom	6.1	0.3	74	24.4	24.4	8.0	8.0	27.3	27.3	98.7	98.7	7.1	7.1	11.2		7		90				<0.2		3.0	
						6.1	0.3	80	24.4		8.0		27.3		98.7		7.1		11.3		6		90				<0.2		3.0	
IM10	Rainy	Moderate	09:41	6.6	Surface	1.0	0.4	126	24.8	24.8	7.9	7.9	24.0	24.0	97.5	97.4	7.1	7.0	9.6	11.0	7	6	86	88	822212	809818	<0.2	<0.2	3.2	3.4
						1.0	0.5	131	24.8		7.9		24.0		97.3		7.0		9.7		6		85				<0.2		3.6	
					Middle	3.3	0.5	106	24.5	24.5	8.0	8.0	26.1	26.1	97.3	97.4	7.0		10.5		5		88				<0.2		3.4	
						3.3	0.5	107	24.5		8.0		26.1		97.4		7.0		10.5		6		87				<0.2		3.4	
					Bottom	5.6	0.3	89	24.5	24.5	8.0	8.0	27.2	27.2	98.1	98.1	7.0	7.0	12.7		6		90				<0.2		3.3	
						5.6	0.3	94	24.5		8.0		27.2		98.1		7.0		12.8		6		90				<0.2		3.4	
IM11	Rainy	Moderate	09:25	7.7	Surface	1.0	0.4	135	24.9	24.9	8.0	8.0	23.6	23.6	100.9	100.9	7.3	7.2	9.1	10.4	4	5	86	88	821528	810516	<0.2	<0.2	3.1	2.9
						1.0	0.4	139	24.9		8.0		23.6		100.9		7.3		9.1		5		85				<0.2		2.9	
					Middle	3.9	0.4	113	24.8	24.8	8.1	8.1	25.9	25.9	99.5	99.5	7.1		10.9		5		88				<0.2		3.0	
						3.9	0.4	116	24.8		8.1		25.9		99.5		7.1		10.9		5		87				<0.2		2.7	
					Bottom	6.7	0.4	87	24.7	24.7	8.0	8.0	27.8	27.8	99.3	99.3	7.1	7.1	11.1		5		90				<0.2		2.8	
						6.7	0.4	91	24.7		8.0		27.8		99.3		7.0		11.1		5		90				<0.2		2.8	
IM12	Rainy	Moderate	09:16	8.9	Surface	1.0	0.3	116	24.9	24.9	8.1	8.1	25.0	25.0	100.0	100.0	7.2	7.1	10.1	10.9	8	8	86	88	821169	811527	<0.2	<0.2	2.6	2.7
						1.0	0.3	125	24.9		8.1		25.0		99.9		7.2		10.1		8		85				<0.2		2.6	
					Middle	4.5	0.2	114	24.8	24.8	8.1	8.1	26.1	26.1	97.8	97.8	7.0		10.9		8		88				<0.2		2.7	
						4.5	0.2	116	24.8		8.1		26.1		97.8		7.0		10.9		8		88				<0.2		2.7	
					Bottom	7.9	0.2	110	24.5	24.5	8.0	8.0	28.7	28.7	95.8	95.8	6.8	6.8	11.5		8		90				<0.2		2.8	
						7.9	0.2	120	24.5		8.0		28.7		95.8		6.8		11.6		7		90				<0.2		2.7	
SR2	Cloudy	Moderate	08:45	3.9	Surface	1.0	0.2	54	24.5	24.5	8.0	8.0	28.6	28.6	97.4	97.4	6.9	6.9	8.1	8.6	6	6	86	86	821443	814152	<0.2	<0.2	2.2	2.1
						1.0	0.2	55	24.5		8.0		28.6		97.4		6.9		8.1		6		85				<0.2		2.1	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	0.2	42	24.4	24.4	8.0	8.0	29.0	29.0	97.5	97.6	6.9	6.9	8.9		6		87				<0.2		2.1	
						2.9	0.2	43	24.4		8.0		29.0		97.6		6.9		9.1		7		87				<0.2		2.1	
SR3	Rainy	Moderate	10:04	8.3	Surface	1.0	0.2	180	24.8	24.8	7.9	7.9	23.9	23.9	96.4	96.5	7.0	6.9	9.1	9.8	7	7	-	-	822162	807542	-	-	-	-
						1.0	0.2	183	24.8		7.9		23.9		96.5		7.0		9.1		7		-				-		-	
					Middle	4.2	0.2	205	24.5	24.5	7.9	7.9	27.0	27.0	94.2	94.2	6.7		9.8		6		-				-		-	
						4.2	0.2	213	24.5		7.9		27.0		94.2		6.7		9.8		8		-				-		-	
					Bottom	7.3	0.2	245	24.1	24.1	8.0	8.0	29.3	29.3	94.2	94.3	6.7	6.7	10.5		8		-				-		-	
						7.3	0.2	264	24.2		8.0		29.3		94.4		6.7		10.2		6		-				-		-	
SR4A	Cloudy	Calm	09:10	9.3	Surface	1.0	0.3	94	24.7	24.6	8.1	8.1	27.9	27.9	102.9	102.9	7.3	7.3	11.5	14.6	6	8	-	-	817172	807796	-	-	-	-
						1.0	0.3	102	24.6		8.1		27.9		102.9		7.3		11.5		7		-				-		-	
					Middle	4.7	0.3	91	24.3	24.3	8.1	8.1	29.3	29.3	101.6	101.6	7.2		16.2		7		-				-		-	
						4.7	0.4	98	24.3		8.1		29.3		101.6		7.2		16.2		7		-				-		-	
					Bottom	8.3	0.3	94	24.3	24.3	8.1	8.1	29.5	29.5	101.3	101.3	7.2	7.2	16.3		10		-				-		-	
						8.3	0.3	102	24.3		8.1		29.5		101.3		7.2		16.0		10		-				-		-	
SR5A	Cloudy	Calm	08:52	4.9	Surface	1.0	0.1	100	24.7	24.7	8.1	8.1	27.9	27.9	99.8	99.8	7.1	7.1	8.4	7.9	4	5	-	-	816591	810668	-	-	-	-
						1.0	0.2	103	24.7		8.1		27.9		99.8		7.1		8.2		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.9	0.1	28	24.8	24.8	8.1	8.1	29.1	29.1	99.6	99.6	7.0	7.0	7.6		6		-				-		-	
						3.9	0.1	30	24.8		8.1		29.1		99.6		7.0		7.3		4		-				-		-	
SR6	Cloudy	Calm	08:29	4.3	Surface	1.0	0.1	47	24.7	24.7	8.0	8.0	27.8	27.8	99.8	99.8	7.1	7.1	7.3	9.4	7	6	-	-	817894	814680	-	-	-	-
						1.0	0.1	48	24.7		8.0		27.8		99.8		7.1		7.9		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.1	63	24.9	24.9	8.0	8.0	29.8	29.8	97.2	97.2	6.8	6.8	11.2		6		-				-		-	
						3.3	0.1	63	24.9		8.0		29.8		97.2		6.8		11.3		6		-				-		-	
SR7	Cloudy	Moderate	07:45	18.8	Surface	1.0	0.1	77	24.0	24.0	7.9	7.9	30.6	30.6	92.6	92.7	6.6	6.5	7.3	8.3	4	5	-	-	823659	823729	-	-	-	-
						1.0	0.1	84	24.0		7.9		30.6		92.7		6.6		7.3		4		-				-		-	
					Middle	9.4	0.1	76	23.7	23.7	7.9	7.9	31.7	31.7	90.0	90.0	6.4		7.6		6		-				-		-	
						9.4	0.1	77	23.7		7.9		31.7		90.0		6.4		7.6		4		-				-		-	
					Bottom	17.8	0.0	226	23.5	23.5	7.9	7.9	32.6	32.6	89.6	89.6	6.3	6.3	10.0		5		-				-		-	
						17.8	0.0	237	23.5		7.9		32.6		89.5		6.3		10.0		5		-				-		-	
SR8	Rainy	Moderate	09:09	3.8	Surface	1.0	-	-	24.9	24.9	8.0	8.0	24.5	24.5	100.7	100.8	7.3	7.3	10.0	9.9	6	6	-	-	820246	811418	-	-	-	-
						1.0	-	-	24.9		8.0		24.5		100.8		7.3		10.0		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.8	-	-	24.8	24.8	8.0	8.0	25.5	25.5	100.7	100.8	7.2	7.2	9.8		7		-				-		-	
						2.8	-	-	24.8		8.0		25.5		100.8		7.2		9.8		5		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 24 April 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
C1	Cloudy	Moderate	13:15	8.8	Surface	1.0	0.1	16	24.7	24.7	8.2	8.2	26.7	26.7	110.2	110.2	7.9	7.6	8.0	10.0	6	5	85	87	815590	804242	<0.2	<0.2	2.0	1.8
						1.0	0.1	16	24.7		8.2		26.7		110.1		7.9		8.0		6		85				<0.2		1.7	
					Middle	4.4	0.2	24	23.8	23.8	8.2	8.2	31.7	31.7	102.8	102.8	7.2		11.0		4		86				<0.2		1.7	
						4.4	0.2	24	23.8		8.2		31.7		102.8		7.2		11.2		5		86				<0.2		1.8	
					Bottom	7.8	0.2	38	23.8	23.8	8.2	8.2	31.7	31.7	102.9	102.9	7.3	7.3	10.9		4		89				<0.2		1.8	
						7.8	0.2	41	23.8		8.2		31.7		102.9		7.3		10.9		5		90				<0.2		1.8	
C2	Rainy	Moderate	12:10	10.8	Surface	1.0	0.4	178	24.8	24.8	7.9	7.9	23.6	23.6	97.0	97.0	7.0	6.9	9.6	9.6	4	5	85	88	825657	806958	<0.2	<0.2	2.9	3.0
						1.0	0.4	180	24.8		7.9		23.6		96.9		7.0		9.6		4		86				<0.2		3.0	
					Middle	5.4	0.2	219	24.5	24.5	7.9	7.9	27.3	27.3	94.4	94.4	6.7		9.2		5		88				<0.2		3.0	
						5.4	0.2	236	24.5		7.9		27.3		94.4		6.7		9.2		5		88				<0.2		3.0	
					Bottom	9.8	0.1	156	24.3	24.3	7.9	7.9	29.4	29.3	94.2	94.3	6.7	6.7	9.9		5		90				<0.2		3.0	
						9.8	0.1	157	24.3		7.9		29.3		94.3		6.7		9.9		4		90				<0.2		3.1	
C3	Cloudy	Moderate	14:01	11.9	Surface	1.0	0.2	255	24.6	24.6	8.0	8.0	27.6	27.6	98.1	98.1	7.0	6.7	7.2	7.8	5	6	85	88	822098	817813	<0.2	<0.2	3.2	3.2
						1.0	0.2	269	24.6		8.0		27.6		98.0		7.0		7.2		3		86				<0.2		3.2	
					Middle	6.0	0.4	270	23.8	23.8	8.0	8.0	31.3	31.3	90.5	90.5	6.4		7.1		7		88				<0.2		3.1	
						6.0	0.4	292	23.8		8.0		31.3		90.4		6.4		7.1		6		88				<0.2		3.1	
					Bottom	10.9	0.3	277	23.7	23.7	8.0	8.0	31.8	31.8	92.3	92.4	6.5	6.5	9.0		6		90				<0.2		3.1	
						10.9	0.3	301	23.7		8.0		31.8		92.4		6.5		9.0		6		90				<0.2		3.2	
IM1	Cloudy	Calm	12:56	7.4	Surface	1.0	0.1	339	24.5	24.5	8.2	8.2	28.3	28.3	104.0	104.0	7.4	7.4	9.0	9.7	4	5	84	86	818349	806483	<0.2	<0.2	3.1	3.0
						1.0	0.1	340	24.5		8.2		28.3		104.0		7.4		9.3		5		85				<0.2		2.9	
					Middle	3.7	0.2	334	24.2	24.2	8.2	8.2	29.3	29.3	103.5	103.6	7.3		9.6		6		86				<0.2		3.1	
						3.7	0.2	351	24.2		8.2		29.3		103.6		7.3		9.6		5		86				<0.2		3.0	
					Bottom	6.4	0.2	354	23.9	23.9	8.2	8.2	31.2	31.2	102.5	102.5	7.2	7.2	10.4		6		88				<0.2		2.9	
						6.4	0.3	326	23.9		8.2		31.2		102.4		7.2		10.5		6		88				<0.2		2.9	
IM2	Rainy	Moderate	12:50	8.1	Surface	1.0	0.1	268	24.5	24.5	8.2	8.2	26.7	26.7	103.0	103.0	7.4	7.4	9.9	9.4	7	6	84	86	818881	806221	<0.2	<0.2	3.0	3.1
						1.0	0.1	274	24.5		8.2		26.7		103.0		7.4		10.0		6		84				<0.2		3.2	
					Middle	4.1	0.1	53	24.2	24.2	8.1	8.1	28.8	28.8	103.2	103.2	7.3		8.6		7		85				<0.2		3.0	
						4.1	0.1	58	24.2		8.1		28.8		103.2		7.3		8.7		5		86				<0.2		3.2	
					Bottom	7.1	0.3	46	24.0	24.0	8.2	8.2	30.6	30.6	102.3	102.3	7.2	7.2	9.6		7		88				<0.2		3.1	
						7.1	0.3	46	24.0		8.2		30.5		102.2		7.2		9.6		5		89				<0.2		3.0	
IM3	Rainy	Moderate	12:43	8.3	Surface	1.0	0.1	262	24.6	24.6	8.1	8.1	27.0	27.0	101.5	101.5	7.3	7.3	10.1	12.2	4	4	84	86	819431	805997	<0.2	<0.2	3.3	3.3
						1.0	0.1	278	24.6		8.1		26.9		101.5		7.3		10.2		3		84				<0.2		3.3	
					Middle	4.2	0.1	301	24.5	24.5	8.1	8.1	28.5	28.5	101.1	101.1	7.2		11.3		4		85				<0.2		3.3	
						4.2	0.1	303	24.5		8.1		28.5		101.1		7.2		11.6		4		85				<0.2		3.2	
					Bottom	7.3	0.1	359	24.3	24.3	8.1	8.1	29.0	29.0	100.3	100.3	7.1	7.1	14.9		4		88				<0.2		3.1	
						7.3	0.2	330	24.3		8.1		29.0		100.3		7.1		15.2		4		88				<0.2		3.4	
IM4	Rainy	Moderate	12:36	7.6	Surface	1.0	0.1	257	24.5	24.5	8.1	8.1	26.1	26.1	102.7	102.7	7.4	7.3	9.3	11.5	3	5	83	86	819552	805028	<0.2	<0.2	3.0	3.0
						1.0	0.2	272	24.5		8.1		26.1		102.6		7.4		9.2		4		84				<0.2		3.1	
					Middle	3.8	0.1	279	24.1	24.1	8.1	8.1	30.1	30.1	100.7	100.8	7.1		11.5		6		85				<0.2		2.9	
						3.8	0.1	306	24.1		8.1		30.1		100.8		7.1		11.8		4		86				<0.2		2.9	
					Bottom	6.6	0.1	4	23.9	23.9	8.2	8.2	31.1	31.1	100.8	100.8	7.1	7.1	13.5		8		88				<0.2		2.9	
						6.6	0.1	4	23.9		8.2		31.1		100.8		7.1		13.4		7		88				<0.2		3.0	
IM5	Rainy	Moderate	12:26	6.8	Surface	1.0	0.3	261	24.5	24.5	8.1	8.1	24.7	24.7	101.8	101.8	7.4	7.3	9.6	9.6	7	6	84	86	820569	804897	<0.2	<0.2	2.9	2.9
						1.0	0.3	276	24.5		8.1		24.7		101.7		7.4		9.7		7		84				<0.2		3.0	
					Middle	3.4	0.1	255	24.4	24.4	8.1	8.1	27.5	27.5	100.1	100.1	7.2		9.7		5		85				<0.2		3.0	
						3.4	0.1	260	24.4		8.1		27.5		100.1		7.2		9.8		6		86				<0.2		2.8	
					Bottom	5.8	0.1	8	24.4	24.4	8.1	8.1	28.7	28.7	100.0	100.0	7.1	7.1	9.5		6		88				<0.2		2.9	
						5.8	0.2	8	24.4		8.1		28.7		100.0		7.1		9.4		6		88				<0.2		2.9	
IM6	Rainy	Moderate	12:18	6.8	Surface	1.0	0.2	255	24.5	24.5	8.1	8.1	25.8	25.8	100.4	100.4	7.2	7.2	9.1	11.2	5	6	85	86	821052	805853	<0.2	<0.2	2.9	3.0
						1.0	0.2	272	24.5		8.1		25.8		100.4		7.2		9.2		6		85				<0.2		2.9	
					Middle	3.4	0.1	266	24.4	24.4	8.1	8.1	26.6	26.6	99.5	99.5	7.1		11.2		7		86				<0.2		2.8	
						3.4	0.1	284	24.4		8.1		26.6		99.5		7.1		11.5		6		86				<0.2		3.1	
					Bottom	5.8	0.1	279	24.4	24.4	8.1	8.1	28.5	28.5	99.0	99.0	7.0	7.0	13.2		5		88				<0.2		3.1	
						5.8	0.1	287	24.4		8.1		28.5		99.0		7.0		13.0		5		88				<0.2		3.0	
IM7	Rainy	Moderate	12:10	7.4	Surface	1.0	0.2	287	24.6	24.6	8.0	8.0	24.9	24.9	96.7	96.7	7.0	7.0	8.5	10.3	6	5	83	86	821348	806838	<0.2	<0.2	3.0	3.0
						1.0	0.2	303	24.6		8.0		24.9		96.7		7.0		8.6		4		84				<0.2		3.1	
					Middle	3.7	0.1	298	24.6	24.6	8.1	8.1	25.7	25.7	96.8	96.8	7.0		10.0		4		86				<0.2		3.1	
						3.7	0.1	316	24.6		8.1		25.7		96.8		7.0		10.2		4		86				<0.2		3.0	
					Bottom	6.4	0.0	110	24.4	24.4	8.1	8.1	27.6	27.6	97.3	97.3	7.0	7.0	12.1		4		88				<0.2		3.0	
						6.4	0.0	119	24.4		8.1		27.6		97.3		7.0		12.2		5		88				<0.2		3.0	
IM8	Rainy	Moderate	12:32	8.0	Surface	1.0	0.1	176	24.8	24.8	7.9	7.9	23.4	23.4	99.6	99.6	7.2	7.2	9.3	9.8	4	5	86	88	821678	807839	<0.2	<0.2	3.4	3.3
						1.0	0.1	185	24.8		7.9		23.4		99.6		7.2		9.3		6		86				<0.2		3.4	
					Middle	4.0	0.1	279	24.6	24.6	7.9	7.9	24.8	24.8	98.5	98.5	7.1		9.6		6		88				<0.2		3.3	
						4.0	0.1	280	24.6		7.9		24.8		98.5		7.1		9.7		4		88				<0.2		3.3	
					Bottom	7.0	0.1	16	24.4	24.4	8.0	8.0	27.6	27.6	99.4	99.4	7.1	7.1	10.3		5		90				<0.2		3.2	
						7.0	0.1	17	24.4		8.0		27.6		99.4		7.1		10.3		6		90				<0.2		3.0	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 24 April 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
IM9	Cloudy	Moderate	12:39	7.2	Surface	1.0	0.0	232	24.9	24.9	7.9	7.9	23.0	23.0	99.0	99.0	7.2	7.2	9.2	9.9	6	6	86	88	822077	808811	<0.2	<0.2	3.1	3.1
						1.0	0.0	252	24.9		7.9		23.0		99.0		7.2		9.2		7		86				<0.2		3.1	
					Middle	3.6	0.1	242	24.5	24.5	7.9	7.9	25.6	25.6	98.5	98.5	7.1		10.2		5		88				<0.2		3.0	
						3.6	0.1	243	24.5		7.9		25.6		98.5		7.1		10.2		5		88				<0.2		3.1	
					Bottom	6.2	0.1	264	24.5	24.5	8.0	8.0	27.0	27.0	100.3	100.3	7.2	7.2	10.2		6		90				<0.2		3.1	
						6.2	0.1	289	24.5		8.0		27.0		100.3		7.2		10.2		5		90				<0.2		3.1	
IM10	Cloudy	Moderate	12:48	7.3	Surface	1.0	0.1	335	25.0	25.0	7.9	7.9	24.2	24.2	99.6	99.6	7.2	7.1	8.5	10.4	2	3	86	88	822223	809836	<0.2	<0.2	2.9	2.8
						1.0	0.2	337	25.0		7.9		24.3		99.6		7.2		8.5		3		86				<0.2		3.0	
					Middle	3.7	0.1	314	24.4	24.4	7.9	7.9	26.8	26.8	96.7	96.7	6.9		11.1		4		88				<0.2		2.8	
						3.7	0.1	344	24.4		7.9		26.8		96.6		6.9		11.1		4		88				<0.2		2.7	
					Bottom	6.3	0.1	300	24.4	24.4	8.0	8.0	27.0	27.0	98.2	98.3	7.0	7.0	11.4		3		90				<0.2		2.8	
						6.3	0.1	318	24.4		8.0		27.0		98.3		7.0		11.5		4		90				<0.2		2.8	
IM11	Cloudy	Moderate	13:02	7.5	Surface	1.0	0.1	275	24.8	24.8	8.0	8.0	24.9	24.9	100.4	100.4	7.2	7.2	9.3	10.9	6	5	86	88	821518	810543	<0.2	<0.2	2.7	2.8
						1.0	0.2	288	24.8		8.0		24.9		100.4		7.2		9.3		5		86				<0.2		2.6	
					Middle	3.8	0.2	286	24.7	24.7	8.0	8.0	25.7	25.7	98.4	98.4	7.1		10.3		4		88				<0.2		2.6	
						3.8	0.2	301	24.7		8.0		25.7		98.4		7.1		10.4		4		88				<0.2		2.9	
					Bottom	6.5	0.2	283	24.6	24.6	8.1	8.1	27.1	27.1	97.9	98.0	7.0	7.0	12.9		5		90				<0.2		3.0	
						6.5	0.2	306	24.6		8.1		27.1		98.0		7.0		12.9		5		90				<0.2		3.0	
IM12	Cloudy	Moderate	13:10	8.9	Surface	1.0	0.3	300	24.8	24.8	8.0	8.0	24.8	24.8	100.6	100.6	7.3	7.0	9.2	11.1	4	4	85	88	821165	811537	<0.2	<0.2	2.7	2.9
						1.0	0.3	307	24.8		8.0		24.8		100.5		7.2		9.2		4		86				<0.2		2.8	
					Middle	4.5	0.3	285	24.6	24.6	8.0	8.0	27.2	27.2	94.9	94.9	6.8		10.7		4		88				<0.2		2.9	
						4.5	0.4	300	24.6		8.0		27.2		94.8		6.8		10.7		3		88				<0.2		3.0	
					Bottom	7.9	0.1	264	23.9	23.9	8.0	8.0	30.3	30.3	91.1	91.2	6.5	6.5	13.3		3		90				<0.2		3.0	
						7.9	0.1	275	23.9		8.0		30.3		91.2		6.5		13.2		3		90				<0.2		3.2	
SR2	Cloudy	Moderate	13:37	4.6	Surface	1.0	0.1	245	24.9	24.9	7.9	7.9	25.1	25.1	98.1	98.1	7.0	7.0	8.7	9.2	3	4	86	87	821438	814188	<0.2	<0.2	2.9	2.9
						1.0	0.1	268	24.9		7.9		25.1		98.0		7.0		8.7		4		85				<0.2		2.9	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.6	0.2	307	24.4	24.3	8.0	8.0	28.4	28.4	94.8	94.9	6.8	6.8	9.6		3		88				<0.2		2.8	
						3.6	0.2	319	24.3		8.0		28.4		94.9		6.8		9.7		5		88				<0.2		2.8	
SR3	Rainy	Moderate	12:26	8.3	Surface	1.0	0.2	189	24.8	24.8	7.9	7.9	23.7	23.7	98.3	98.3	7.1	7.1	9.4	10.8	5	7	-	-	822171	807591	-	-	-	-
						1.0	0.2	202	24.8		7.9		23.7		98.3		7.1		9.4		5		-				-		-	
					Middle	4.2	0.1	284	24.5	24.5	7.9	7.9	25.8	25.8	97.4	97.4	7.0		10.6		6		-				-		-	
						4.2	0.1	310	24.5		7.9		25.8		97.4		7.0		10.6		7		-				-		-	
					Bottom	7.3	0.1	25	24.4	24.4	8.0	8.0	27.9	27.9	99.0	99.0	7.1	7.1	12.3		10		-				-		-	
						7.3	0.1	27	24.4		8.0		27.9		99.0		7.1		12.4		8		-				-		-	
SR4A	Cloudy	Calm	13:35	9.2	Surface	1.0	0.1	285	24.5	24.5	8.1	8.1	28.4	28.4	101.5	101.5	7.2	7.2	9.1	9.7	5	6	-	-	817170	807801	-	-	-	-
						1.0	0.1	287	24.5		8.1		28.4		101.4		7.2		9.3		4		-				-		-	
					Middle	4.6	0.2	232	24.1	24.1	8.1	8.1	30.2	30.2	100.4	100.4	7.1		9.5		6		-				-		-	
						4.6	0.2	245	24.1		8.1		30.2		100.4		7.1		9.6		7		-				-		-	
					Bottom	8.2	0.1	230	24.1	24.1	8.1	8.1	30.4	30.3	100.2	100.3	7.1	7.1	10.2		6		-				-		-	
						8.2	0.1	232	24.1		8.1		30.3		100.3		7.1		10.6		7		-				-		-	
SR5A	Cloudy	Calm	13:52	5.2	Surface	1.0	0.1	278	24.9	24.9	8.1	8.1	28.2	28.2	101.0	100.9	7.1	7.1	7.9	9.2	5	6	-	-	816587	810674	-	-	-	-
						1.0	0.1	281	24.9		8.1		28.2		100.8		7.1		8.0		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.2	0.1	303	24.7	24.7	8.1	8.1	28.8	28.8	99.1	99.2	7.0	7.0	10.5		6		-				-		-	
						4.2	0.1	320	24.7		8.1		28.8		99.2		7.0		10.4		5		-				-		-	
SR6	Cloudy	Calm	14:16	4.3	Surface	1.0	0.2	253	24.9	24.9	8.1	8.1	26.1	26.1	102.2	102.1	7.3	7.3	11.9	15.6	4	6	-	-	817899	814665	-	-	-	-
						1.0	0.2	258	24.9		8.1		26.1		102.0		7.3		12.2		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.2	250	24.8	24.8	8.1	8.1	28.4	28.4	100.4	100.5	7.1	7.1	19.0		6		-				-		-	
						3.3	0.2	260	24.8		8.1		28.4		100.5		7.1		19.3		7		-				-		-	
SR7	Cloudy	Moderate	14:33	19.3	Surface	1.0	0.1	324	24.4	24.4	8.0	8.0	29.2	29.2	103.5	103.5	7.3	6.8	6.7	8.0	5	4	-	-	823612	823728	-	-	-	-
						1.0	0.1	338	24.4		8.0		29.2		103.4		7.3		6.7		5		-				-		-	
					Middle	9.7	0.1	18	23.6	23.6	8.0	8.0	32.4	32.4	89.6	89.7	6.3		8.1		4		-				-		-	
						9.7	0.1	18	23.6		8.0		32.5		89.7		6.3		8.1		4		-				-		-	
					Bottom	18.3	0.2	79	23.5	23.5	8.0	8.0	32.9	32.9	91.3	91.4	6.4	6.4	9.2		3		-				-		-	
						18.3	0.2	80	23.5		8.0		32.9		91.5		6.4		9.2		4		-				-		-	
SR8	Cloudy	Moderate	13:20	4.0	Surface	1.0	-	-	24.9	24.9	8.0	8.0	24.0	24.0	107.1	107.1	7.7	7.7	9.0	10.3	5	4	-	-	820246	811418	-	-	-	-
						1.0	-	-	24.9		8.0		24.0		107.1		7.7		9.0		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	24.8	24.8	8.0	8.0	25.0	24.9	103.8	103.8	7.5	7.5	11.6		4		-				-		-	
						3.0	-	-	24.8		8.0		24.9		103.7		7.5		11.5		3		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 26 April 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
C1	Cloudy	Moderate	11:08	8.8	Surface	1.0	0.1	211	23.7	23.7	8.2	8.2	30.5	30.5	109.6	109.6	7.8	7.7	6.7	8.2	4	6	85	88	815646	804218	<0.2	<0.2	1.2	1.3
						1.0	0.1	224	23.7		8.2		30.5		109.6		7.8		6.9		4		86				<0.2		1.3	
					Middle	4.4	0.2	196	23.7	23.7	8.2	8.2	32.0	32.0	106.0	106.0	7.5		7.9		7		87				<0.2		1.3	
						4.4	0.3	197	23.7		8.2		32.0		106.0		7.5		8.1		5		88				<0.2		1.2	
					Bottom	7.8	0.3	193	23.6	23.6	8.2	8.2	32.8	32.8	104.2	104.3	7.3	7.3	9.8		7		89				<0.2		1.2	
						7.8	0.3	209	23.6		8.2		32.8		104.3		7.3		9.8		6		90				<0.2		1.3	
C2	Cloudy	Moderate	12:21	11.6	Surface	1.0	0.6	173	24.3	24.3	7.9	7.9	27.0	27.0	93.4	93.4	6.7	6.7	10.5	11.9	8	11	84	86	825681	806956	<0.2	<0.2	2.3	1.8
						1.0	0.7	180	24.3		7.9		27.0		93.4		6.7		10.5		8		84				<0.2		2.2	
					Middle	5.8	0.5	171	24.0	24.0	8.0	8.0	29.7	29.7	92.4	92.4	6.6		12.4		12		86				<0.2		1.9	
						5.8	0.5	176	24.0		8.0		29.7		92.4		6.6		12.4		12		86				<0.2		1.8	
					Bottom	10.6	0.2	138	24.0	24.0	8.0	8.0	30.0	30.0	94.3	94.3	6.7	6.7	12.9		12		88				<0.2		1.3	
						10.6	0.2	144	24.0		8.0		30.0		94.3		6.7		12.9		13		89				<0.2		1.2	
C3	Cloudy	Moderate	10:11	12.3	Surface	1.0	0.3	62	23.9	23.9	8.0	8.0	30.4	30.4	94.0	94.0	6.7	6.7	6.7	7.7	6	7	85	88	822087	817796	<0.2	<0.2	1.1	0.8
						1.0	0.3	65	23.9		8.0		30.4		94.0		6.7		6.7		6		86				<0.2		1.1	
					Middle	6.2	0.3	98	23.7	23.7	8.0	8.0	31.8	31.8	93.3	93.3	6.6		7.6		6		87				<0.2		0.8	
						6.2	0.3	103	23.7		8.0		31.8		93.3		6.6		7.6		7		88				<0.2		0.8	
					Bottom	11.3	0.3	90	23.6	23.6	8.0	8.0	32.6	32.6	93.7	93.7	6.6	6.6	8.7		7		89				<0.2		0.6	
						11.3	0.3	97	23.6		8.0		32.6		93.7		6.6		8.7		7		90				<0.2		0.5	
IM1	Cloudy	Moderate	11:27	7.3	Surface	1.0	0.1	215	23.7	23.7	8.2	8.2	30.4	30.4	108.1	108.1	7.7	7.5	6.4	9.3	5	7	86	88	818353	806438	<0.2	<0.2	1.2	1.1
						1.0	0.1	231	23.7		8.2		30.4		108.0		7.7		6.5		6		86				<0.2		1.1	
					Middle	3.7	0.1	217	23.7	23.7	8.2	8.2	31.9	31.9	103.6	103.6	7.3		8.1		5		88				<0.2		1.2	
						3.7	0.1	223	23.7		8.2		31.9		103.5		7.3		8.0		6		88				<0.2		1.1	
					Bottom	6.3	0.1	182	23.6	23.6	8.2	8.2	32.5	32.5	102.4	102.4	7.2	7.2	13.4		11		90				<0.2		1.1	
						6.3	0.1	189	23.6		8.2		32.5		102.4		7.2		13.3		10		91				<0.2		1.1	
IM2	Cloudy	Moderate	11:33	8.3	Surface	1.0	0.3	213	23.7	23.7	8.2	8.2	31.4	31.4	105.0	105.0	7.4	7.4	7.9	9.5	6	8	86	88	818822	806200	<0.2	<0.2	1.1	1.1
						1.0	0.3	223	23.7		8.2		31.4		105.0		7.4		7.8		7		86				<0.2		1.1	
					Middle	4.2	0.3	197	23.7	23.7	8.2	8.2	32.0	32.0	102.8	102.8	7.3		9.3		8		88				<0.2		1.1	
						4.2	0.3	215	23.7		8.2		32.0		102.8		7.3		9.3		8		88				<0.2		1.1	
					Bottom	7.3	0.2	187	23.6	23.6	8.2	8.2	32.4	32.4	102.7	102.9	7.2	7.3	11.4		9		90				<0.2		1.1	
						7.3	0.2	199	23.6		8.2		32.4		103.1		7.3		11.1		7		91				<0.2		1.2	
IM3	Cloudy	Moderate	11:39	8.0	Surface	1.0	0.3	243	23.7	23.7	8.2	8.2	31.2	31.2	106.0	106.0	7.5	7.4	7.6	11.1	8	8	86	88	819393	805991	<0.2	<0.2	1.1	1.0
						1.0	0.3	244	23.7		8.2		31.2		105.9		7.5		7.5		8		86				<0.2		1.1	
					Middle	4.0	0.3	229	23.7	23.7	8.2	8.2	31.7	31.7	103.4	103.4	7.3		9.9		9		88				<0.2		1.0	
						4.0	0.3	229	23.7		8.2		31.7		103.4		7.3		10.0		8		88				<0.2		1.0	
					Bottom	7.0	0.3	203	23.7	23.7	8.2	8.2	32.3	32.3	102.7	102.7	7.2	7.2	16.0		9		90				<0.2		1.0	
						7.0	0.3	214	23.7		8.2		32.3		102.7		7.2		15.8		8		91				<0.2		1.0	
IM4	Cloudy	Moderate	11:46	7.7	Surface	1.0	0.3	228	23.7	23.7	8.2	8.2	31.4	31.4	106.1	106.1	7.5	7.5	8.0	8.4	7	8	86	88	819593	805016	<0.2	<0.2	1.0	1.0
						1.0	0.3	235	23.7		8.2		31.4		106.1		7.5		7.9		6		86				<0.2		1.0	
					Middle	3.9	0.3	214	23.7	23.7	8.2	8.2	32.2	32.2	104.9	104.9	7.4		8.1		8		88				<0.2		1.0	
						3.9	0.3	227	23.7		8.2		32.2		104.8		7.4		8.2		8		88				<0.2		1.0	
					Bottom	6.7	0.3	196	23.7	23.7	8.2	8.2	32.4	32.4	104.9	105.0	7.4	7.4	9.1		10		91				<0.2		1.1	
						6.7	0.3	209	23.7		8.2		32.4		105.0		7.4		9.2		8		90				<0.2		1.0	
IM5	Cloudy	Moderate	11:57	6.8	Surface	1.0	0.5	202	23.9	23.9	8.2	8.2	30.0	30.0	106.9	106.9	7.6	7.6	6.8	7.7	6	7	86	89	820562	804905	<0.2	<0.2	0.9	1.0
						1.0	0.5	207	23.9		8.2		30.0		106.9		7.6		6.9		6		86				<0.2		0.9	
					Middle	3.4	0.4	193	23.8	23.8	8.2	8.2	30.4	30.4	106.3	106.3	7.5		7.7		6		89				<0.2		0.9	
						3.4	0.4	204	23.8		8.2		30.4		106.3		7.5		7.9		7		88				<0.2		0.9	
					Bottom	5.8	0.2	173	23.7	23.7	8.2	8.2	31.5	31.5	105.5	105.5	7.5	7.5	8.3		8		91				<0.2		1.0	
						5.8	0.2	186	23.7		8.2		31.5		105.5		7.5		8.5		8		91				<0.2		1.1	
IM6	Cloudy	Moderate	12:06	6.9	Surface	1.0	0.4	179	24.0	24.0	8.1	8.1	28.8	28.7	103.1	103.2	7.4	7.4	6.7	11.7	8	9	86	88	821078	805831	<0.2	<0.2	1.1	1.0
						1.0	0.4	186	24.0		8.1		28.7		103.2		7.4		6.8		10		86				<0.2		1.0	
					Middle	3.5	0.4	168	23.8	23.8	8.2	8.2	30.9	30.9	104.5	104.5	7.4		9.6		8		88				<0.2		1.0	
						3.5	0.4	172	23.8		8.2		30.9		104.4		7.4		9.0		8		88				<0.2		1.0	
					Bottom	5.9	0.2	144	23.7	23.7	8.2	8.2	31.8	31.8	102.0	102.0	7.2	7.2	18.9		8		91				<0.2		0.9	
						5.9	0.2	144	23.7		8.2		31.8		102.0		7.2		19.3		10		91				<0.2		1.0	
IM7	Cloudy	Moderate	12:15	8.1	Surface	1.0	0.2	218	24.1	24.1	8.1	8.1	28.0	28.0	101.1	101.1	7.2	7.3	6.6	7.9	4	6	86	88	821367	806838	<0.2	<0.2	1.2	1.3
						1.0	0.3	239	24.1		8.1		28.0		101.1		7.2		6.6		5		86				<0.2		1.2	
					Middle	4.1	0.2	173	23.9	23.9	8.1	8.1	29.8	29.8	102.0	102.0	7.3		8.5		5		88				<0.2		1.2	
						4.1	0.2	188	23.9		8.1		29.8		102.0		7.3		8.2		6		88				<0.2		1.2	
					Bottom	7.1	0.2	123	23.7	23.7	8.2	8.2	31.5	31.5	101.4	101.5	7.2	7.2	8.7		8		90				<0.2		1.3	
						7.1	0.2	129	23.7		8.2		31.5		101.5		7.2		8.9		8		91				<0.2		1.4	
IM8	Cloudy	Moderate	11:50	8.0	Surface	1.0	0.3	177	24.1	24.1	8.0	8.0	27.9	27.9	100.4	100.5	7.2	7.2	7.6	8.3	5	6	85	86	821704	807845	<0.2	<0.2	1.8	1.5
						1.0	0.3	185	24.1		8.0		27.9		100.5		7.2		7.6		5		85				<0.2		1.8	
					Middle	4.0	0.0	108	23.9	23.9	8.0	8.0	29.6	29.6	100.0	100.0	7.1		8.9		6		86				<0.2		1.5	
						4.0	0.0	109	23.9		8.0		29.6		100.0		7.1		8.9		7		86				<0.2		1.4	
					Bottom	7.0	0.0	163	23.8	23.8	8.1	8.1	31.4	31.4	101.3	101.3	7.2	7.2	8.3		7		87				<0.2		1.3	
						7.0	0.0	171	23.8		8.1		31.4		101.3		7.2		8.3		8		88				<0.2		1.4	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 26 April 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
IM9	Cloudy	Moderate	11:42	7.0	Surface	1.0	0.4	143	24.0	24.0	8.0	8.0	28.4	28.4	101.0	101.0	7.2	7.2	8.4	9.4	5	5	85	86	822082	808831	<0.2	<0.2	1.4	1.2
						1.0	0.4	156	24.0		8.0		28.4		101.0				8.4		4		85				<0.2		1.4	
					Middle	3.5	0.3	117	23.9	23.9	8.0	8.0	29.6	29.6	101.3	101.3	7.2		9.6		4		86				<0.2		1.4	
						3.5	0.3	122	23.9		8.0		29.6		101.3		7.2		9.6		5		86				<0.2		1.4	
					Bottom	6.0	0.2	62	23.7	23.7	8.1	8.1	31.3	31.3	101.4	101.4	7.2	7.2	10.1		5		87				<0.2		0.9	
						6.0	0.3	62	23.7		8.1		31.3		101.4		7.2		10.1		6		88				<0.2		0.9	
IM10	Cloudy	Moderate	11:34	7.8	Surface	1.0	0.5	139	24.2	24.2	8.0	8.0	27.5	27.5	98.3	98.3	7.1	7.2	9.6	13.2	5	7	84	86	822240	809816	<0.2	<0.2	1.9	1.7
						1.0	0.5	139	24.2		8.0		27.5		98.3		7.1		9.6		6		85				<0.2		1.9	
					Middle	3.9	0.5	124	23.8	23.8	8.0	8.0	29.0	29.0	100.2	100.2	7.2		14.0		8		86				<0.2		1.8	
						3.9	0.5	128	23.8		8.0		29.0		100.2		7.2		14.0		8		86				<0.2		1.9	
					Bottom	6.8	0.3	90	23.8	23.8	8.1	8.1	31.0	31.0	99.8	99.8	7.1	7.1	15.9		8		87				<0.2		1.3	
						6.8	0.3	92	23.8		8.1		31.0		99.8		7.1		15.9		9		88				<0.2		1.3	
IM11	Cloudy	Moderate	11:16	7.8	Surface	1.0	0.4	132	24.0	24.0	8.1	8.1	28.7	28.7	100.2	100.2	7.2	7.2	9.6	14.8	6	8	85	88	821523	810560	<0.2	<0.2	1.4	1.3
						1.0	0.4	137	24.0		8.1		28.7		100.2		7.2		9.6		5		86				<0.2		1.4	
					Middle	3.9	0.3	108	23.9	23.9	8.1	8.1	29.6	29.6	100.4	100.4	7.2		14.5		8		88				<0.2		1.2	
						3.9	0.3	108	23.9		8.1		29.6		100.4		7.2		14.5		8		88				<0.2		1.4	
					Bottom	6.8	0.3	75	23.8	23.8	8.1	8.1	30.7	30.7	100.3	100.3	7.1	7.1	20.2		9		89				<0.2		1.2	
						6.8	0.3	78	23.8		8.1		30.7		100.3		7.1		20.2		9		90				<0.2		1.2	
IM12	Cloudy	Moderate	11:06	9.0	Surface	1.0	0.4	105	24.0	24.0	8.1	8.1	29.5	29.5	99.1	99.1	7.1	7.1	10.3	15.2	10	12	85	87	821154	811509	<0.2	<0.2	1.2	1.1
						1.0	0.4	107	24.0		8.1		29.5		99.1		7.1		10.3		10		86				<0.2		1.3	
					Middle	4.5	0.3	106	23.9	23.9	8.1	8.1	30.1	30.1	98.6	98.6	7.0		15.8		12		86				<0.2		1.1	
						4.5	0.3	106	23.9		8.1		30.1		98.6		7.0		15.8		13		86				<0.2		1.1	
					Bottom	8.0	0.3	84	23.8	23.8	8.1	8.1	30.7	30.7	98.8	98.8	7.0	7.0	19.5		13		89				<0.2		1.0	
						8.0	0.3	91	23.8		8.1		30.7		98.8		7.0		19.5		14		88				<0.2		0.9	
SR2	Cloudy	Moderate	10:37	4.4	Surface	1.0	0.4	88	24.0	24.0	8.0	8.0	29.4	29.4	92.8	92.8	6.6	6.6	9.2	9.7	9	11	85	87	821449	814190	<0.2	<0.2	1.3	1.3
						1.0	0.4	90	24.0		8.0		29.4		92.8		6.6		9.2		9		86				<0.2		1.4	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.4	0.3	81	24.0	24.0	8.0	8.0	29.9	29.9	93.2	93.2	6.6	6.6	10.2		12		87				<0.2		1.2	
						3.4	0.3	84	24.0		8.0		29.9		93.2		6.6		10.2		12		88				<0.2		1.3	
SR3	Cloudy	Moderate	11:58	9.1	Surface	1.0	0.4	179	24.1	24.1	8.0	8.0	27.4	27.4	97.6	97.6	7.0	7.1	8.8	10.6	6	8	-	-	822154	807597	-	-	-	-
						1.0	0.4	192	24.1		8.0		27.4		97.6		7.0		8.8		6		-				-		-	
					Middle	4.6	0.1	175	23.8	23.8	8.1	8.1	30.1	30.1	100.6	100.6	7.2		10.8		8		-				-		-	
						4.6	0.1	187	23.8		8.1		30.1		100.6		7.2		10.8		8		-				-		-	
					Bottom	8.1	0.2	28	23.7	23.7	8.1	8.1	31.5	31.5	101.3	101.3	7.2	7.2	12.2		11		-				-		-	
						8.1	0.2	30	23.7		8.1		31.5		101.3		7.2		12.2		9		-				-		-	
SR4A	Cloudy	Moderate	10:47	8.7	Surface	1.0	0.3	57	23.8	23.8	8.2	8.2	31.0	31.0	102.5	102.5	7.3	7.2	9.1	10.0	6	6	-	-	817195	807813	-	-	-	-
						1.0	0.3	60	23.8		8.2		31.0		102.4		7.3		9.3		7		-				-		-	
					Middle	4.4	0.3	72	23.7	23.7	8.2	8.2	31.5	31.5	100.6	100.6	7.1		10.6		6		-				-		-	
						4.4	0.3	75	23.7		8.2		31.5		100.6		7.1		9.6		6		-				-		-	
					Bottom	7.7	0.3	74	23.7	23.7	8.2	8.2	31.6	31.6	100.8	100.8	7.1	7.1	10.6		7		-				-		-	
						7.7	0.3	76	23.7		8.2		31.6		100.8		7.1		10.5		6		-				-		-	
SR5A	Cloudy	Calm	10:30	4.5	Surface	1.0	0.1	316	24.2	24.2	8.1	8.1	28.7	28.7	91.2	91.2	6.5	6.5	7.8	9.1	5	5	-	-	816586	810701	-	-	-	-
						1.0	0.1	321	24.2		8.1		28.7		91.2		6.5		7.9		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.0	116	23.9	23.9	8.1	8.1	29.8	29.8	93.1	93.1	6.6	6.6	10.2		6		-				-		-	
						3.5	0.0	122	23.9		8.1		29.8		93.1		6.6		10.4		5		-				-		-	
SR6	Cloudy	Calm	10:06	4.6	Surface	1.0	0.1	49	24.1	24.1	8.0	8.0	29.0	29.0	93.2	93.2	6.6	6.6	6.5	7.8	3	3	-	-	817882	814633	-	-	-	-
						1.0	0.1	49	24.1		8.0		29.0		93.2		6.6		6.3		2		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.6	0.1	53	24.1	24.1	8.0	8.0	29.3	29.3	93.9	94.0	6.7	6.7	9.3		4		-				-		-	
						3.6	0.1	53	24.1		8.0		29.3		94.0		6.7		9.2		4		-				-		-	
SR7	Cloudy	Moderate	09:26	16.2	Surface	1.0	0.5	65	23.6	23.6	8.0	8.0	32.2	32.2	93.5	93.5	6.6	6.6	6.8	7.4	5	5	-	-	823638	823730	-	-	-	-
						1.0	0.6	69	23.6		8.0		32.2		93.5		6.6		6.8		4		-				-		-	
					Middle	8.1	0.3	4	23.6	23.6	8.0	8.0	32.8	32.8	93.0	93.0	6.5		7.5		6		-				-		-	
						8.1	0.3	4	23.6		8.0		32.8		93.0		6.5		7.5		5		-				-		-	
					Bottom	15.2	0.3	5	23.6	23.6	8.0	8.0	32.8	32.8	93.4	93.4	6.6	6.6	7.9		5		-				-		-	
						15.2	0.3	5	23.6		8.0		32.8		93.4		6.6		7.9		6		-				-		-	
SR8	Cloudy	Moderate	10:57	4.0	Surface	1.0	-	-	24.2	24.2	8.1	8.1	29.4	29.4	95.3	95.3	6.8	6.8	10.5	11.5	7	8	-	-	820246	811418	-	-	-	-
						1.0	-	-	24.2		8.1		29.4		95.3		6.8		10.5		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	24.1	24.1	8.1	8.1	29.9	29.9	96.3	96.3	6.8	6.8	12.5		9		-				-		-	
						3.0	-	-	24.1		8.1		29.8		96.3		6.8		12.6		10		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 26 April 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
C1	Cloudy	Moderate	15:53	8.8	Surface	1.0	0.4	25	24.0	24.0	8.1	8.1	27.3	27.3	110.5	110.4	8.2	8.1	3.7	4.6	7	7	86	88	815605	804219	<0.2	<0.2	1.0	0.9
						1.0	0.4	27	24.0		8.1		27.3		110.3		8.2		3.7		8		85				<0.2		1.0	
					Middle	4.4	0.3	30	23.8	23.8	8.1	8.1	30.2	30.2	105.2	105.2	7.9		3.6		6		87				<0.2		0.9	
						4.4	0.3	31	23.8		8.1		30.2		105.1		7.9		3.8		8		88				<0.2		0.8	
					Bottom	7.8	0.3	27	23.7	23.7	8.1	8.1	31.0	31.0	99.7	99.8	7.5	7.5	6.4		7		90				<0.2		0.9	
						7.8	0.3	27	23.7		8.1		31.0		99.9		7.5		6.3		7		90				<0.2		1.0	
C2	Cloudy	Moderate	14:46	11.3	Surface	1.0	0.4	180	24.3	24.3	7.9	7.9	25.9	25.9	92.2	92.2	6.7	6.6	9.6	14.9	6	8	86	88	825710	806939	<0.2	<0.2	2.5	1.7
						1.0	0.4	184	24.3		7.9		25.9		92.2		6.7		9.6		6		85				<0.2		2.6	
					Middle	5.7	0.1	233	24.0	24.0	8.0	8.0	29.7	29.7	90.2	90.2	6.4		13.8		7		87				<0.2		1.3	
						5.7	0.1	241	24.0		8.0		29.7		90.2		6.4		13.8		8		88				<0.2		1.4	
					Bottom	10.3	0.2	332	24.0	24.0	8.0	8.0	30.0	30.0	89.3	89.3	6.3	6.3	21.3		9		89				<0.2		1.2	
						10.3	0.2	332	24.0		8.0		30.0		89.3		6.3		21.3		10		90				<0.2		1.2	
C3	Cloudy	Moderate	16:50	12.2	Surface	1.0	0.4	238	23.9	23.9	8.0	8.0	30.0	30.0	94.3	94.3	6.7	6.7	6.3	7.6	2	4	85	88	822095	817809	<0.2	<0.2	1.1	0.9
						1.0	0.4	259	23.9		8.0		30.0		94.2		6.7		6.3		3		86				<0.2		1.1	
					Middle	6.1	0.4	253	23.8	23.8	8.0	8.0	31.1	31.1	92.9	92.9	6.6		7.5		2		88				<0.2		1.1	
						6.1	0.4	270	23.8		8.0		31.1		92.9		6.6		7.5		4		88				<0.2		1.1	
					Bottom	11.2	0.4	273	23.6	23.6	8.0	8.0	32.6	32.6	93.6	93.6	6.6	6.6	8.9		6		89				<0.2		0.6	
						11.2	0.4	277	23.6		8.0		32.6		93.6		6.6		8.9		6		90				<0.2		0.6	
IM1	Cloudy	Moderate	15:33	7.4	Surface	1.0	0.3	344	24.2	24.2	8.1	8.1	27.1	27.1	112.6	112.6	8.3	8.3	3.6	4.4	5	4	85	88	818364	806479	<0.2	<0.2	1.7	1.7
						1.0	0.3	316	24.2		8.1		27.1		112.6		8.3		3.6		3		85				<0.2		1.8	
					Middle	3.7	0.2	337	23.9	23.9	8.1	8.1	27.8	27.8	110.1	110.1	8.3		3.5		4		88				<0.2		1.6	
						3.7	0.2	342	23.9		8.1		27.8		110.0		8.2		3.5		4		88				<0.2		1.6	
					Bottom	6.4	0.2	352	23.7	23.7	8.1	8.1	30.2	30.2	102.7	102.8	7.7	7.7	6.2		5		90				<0.2		1.6	
						6.4	0.2	324	23.7		8.1		30.2		102.8		7.7		6.1		4		90				<0.2		1.7	
IM2	Cloudy	Moderate	15:25	8.3	Surface	1.0	0.1	300	23.6	23.6	8.2	8.2	32.3	32.3	102.5	102.5	7.2	7.3	4.3	6.7	3	4	86	88	818867	806197	<0.2	<0.2	1.7	1.7
						1.0	0.1	326	23.6		8.2		32.3		102.5		7.2		4.3		4		85				<0.2		1.6	
					Middle	4.2	0.1	59	23.8	23.8	8.2	8.2	30.6	30.6	103.4	103.5	7.3		3.5		4		88				<0.2		1.8	
						4.2	0.1	62	23.8		8.2		30.6		103.5		7.3		3.5		4		88				<0.2		1.7	
					Bottom	7.3	0.2	21	23.8	23.8	8.2	8.2	31.1	31.1	102.9	102.9	7.3	7.3	12.3		3		90				<0.2		1.7	
						7.3	0.2	22	23.8		8.2		31.1		102.9		7.3		12.3		4		90				<0.2		1.7	
IM3	Cloudy	Moderate	15:17	8.2	Surface	1.0	0.2	241	23.8	23.8	8.2	8.2	31.4	31.4	103.0	103.0	7.3	7.4	4.5	4.2	4	5	85	88	819427	806021	<0.2	<0.2	1.7	1.7
						1.0	0.2	248	23.8		8.2		31.4		103.0		7.3		4.4		5		85				<0.2		1.7	
					Middle	4.1	0.1	308	23.8	23.8	8.2	8.2	30.6	30.6	103.7	103.7	7.4		3.9		5		88				<0.2		1.7	
						4.1	0.1	335	23.8		8.2		30.6		103.7		7.4		3.9		4		88				<0.2		1.7	
					Bottom	7.2	0.1	335	23.8	23.8	8.2	8.2	30.9	30.9	103.2	103.3	7.3	7.3	4.3		5		90				<0.2		1.6	
						7.2	0.1	337	23.8		8.2		30.9		103.3		7.3		4.2		5		90				<0.2		1.6	
IM4	Cloudy	Moderate	15:08	7.5	Surface	1.0	0.2	311	23.8	23.8	8.2	8.2	31.4	31.4	103.1	103.1	7.3	7.3	4.8	6.9	4	4	86	88	819587	805039	<0.2	<0.2	1.7	1.6
						1.0	0.3	333	23.8		8.2		31.4		103.1		7.3		4.7		4		85				<0.2		1.6	
					Middle	3.8	0.2	324	23.8	23.8	8.2	8.2	30.9	30.9	103.6	103.6	7.3		6.7		4		88				<0.2		1.6	
						3.8	0.2	352	23.8		8.2		30.9		103.6		7.3		6.7		4		88				<0.2		1.6	
					Bottom	6.5	0.1	348	25.5	24.6	8.2	8.2	30.1	30.8	101.8	103.2	7.0	7.2	9.2		4		90				<0.2		1.7	
						6.5	0.1	353	23.8		8.2		31.4		104.6		7.4		9.1		5		90				<0.2		1.6	
IM5	Cloudy	Moderate	15:00	6.8	Surface	1.0	0.2	272	24.0	24.0	8.1	8.1	28.9	28.9	102.2	102.2	7.3	7.3	8.6	9.7	4	5	86	88	820555	804925	<0.2	<0.2	1.7	1.7
						1.0	0.2	287	24.0		8.1		28.9		102.2		7.3		8.8		5		86				<0.2		1.8	
					Middle	3.4	0.2	288	23.8	23.8	8.1	8.1	30.2	30.2	102.8	102.8	7.3		9.5		5		88				<0.2		1.8	
						3.4	0.2	306	23.8		8.1		30.2		102.8		7.3		8.9		6		88				<0.2		1.6	
					Bottom	5.8	0.1	356	23.7	23.7	8.1	8.1	31.3	31.3	102.5	102.5	7.3	7.3	11.2		5		90				<0.2		1.8	
						5.8	0.1	358	23.7		8.1		31.3		102.5		7.3		11.1		7		90				<0.2		1.7	
IM6	Cloudy	Moderate	14:53	6.6	Surface	1.0	0.4	275	24.2	24.2	8.0	8.0	28.1	28.1	98.5	98.5	7.0	7.1	7.3	8.3	4	5	86	88	821036	805818	<0.2	<0.2	1.9	1.9
						1.0	0.4	287	24.2		8.0		28.1		98.5		7.0		7.5		4		86				<0.2		1.9	
					Middle	3.3	0.3	298	23.9	23.9	8.1	8.1	30.1	30.1	101.5	101.5	7.2		8.7		7		88				<0.2		2.0	
						3.3	0.3	307	23.9		8.1		30.1		101.5		7.2		8.1		6		88				<0.2		1.8	
					Bottom	5.6	0.1	343	23.7	23.7	8.1	8.1	31.2	31.2	101.5	101.5	7.2	7.2	9.0		5		90				<0.2		1.9	
						5.6	0.1	358	23.7		8.1		31.2		101.5		7.2		9.0		6		90				<0.2		1.8	
IM7	Cloudy	Moderate	14:45	8.2	Surface	1.0	0.4	256	24.3	24.3	8.0	8.0	27.3	27.3	96.1	96.1	6.9	6.9	8.0	8.3	6	5	85	87	821335	806811	<0.2	<0.2	1.7	1.8
						1.0	0.4	257	24.3		8.0		27.3		96.1		6.9		8.2		5		85				<0.2		1.8	
					Middle	4.1	0.4	295	24.0	24.0	8.1	8.1	29.1	29.1	97.0	97.0	6.9		8.4		5		87				<0.2		1.8	
						4.1	0.4	303	24.0		8.1		29.1		97.0		6.9		8.6		5		87				<0.2		1.8	
					Bottom	7.2	0.1	324	23.8	23.8	8.1	8.1	31.2	31.2	98.3	98.3	7.0	7.0	8.4		6		89				<0.2		1.8	
						7.2	0.1	334	23.8		8.1		31.2		98.3		7.0		8.1		5		89				<0.2		1.8	
IM8	Rainy	Moderate	15:10	7.9	Surface	1.0	0.3	223	24.2	24.2	8.0	8.0	27.9	27.9	94.5	94.5	6.8	6.8	8.6	8.5	6	7	85	86	821692	807861	<0.2	<0.2	1.8	1.6
						1.0	0.4	241	24.2		8.0		27.9		94.5		6.8		8.6		7		86				<0.2		1.8	
					Middle	4.0	0.3	250	24.2	24.2	8.0	8.0	28.7	28.7	95.0	95.0	6.8		8.4		7		86				<0.2		1.6	
						4.0	0.3	256	24.2		8.0		28.7		95.0		6.8		8.4		7		86				<0.2		1.7	
					Bottom	6.9	0.2	281	24.1	24.1	8.0	8.0	29.1	29.1	97.2	97.2	6.9	6.9	8.6		6		88				<0.2		1.4	
						6.9	0.2	289	24.1		8.0		29.1		97.2		6.9		8.6		6		87				<0.2		1.4	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 26 April 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
IM9	Rainy	Moderate	15:22	7.0	Surface	1.0	0.3	262	24.4	24.4	7.9	7.9	28.1	28.1	95.6	95.6	6.8	6.8	8.0	8.4	6	7	85	87	822113	808835	<0.2	<0.2	2.0	1.9
						1.0	0.3	268	24.4		7.9		28.1		95.6		6.8		8.0		7		86				<0.2		1.9	
					Middle	3.5	0.3	265	24.4	24.4	8.0	8.0	28.5	28.5	96.2	96.2	6.8		8.5		5		88				<0.2		1.8	
						3.5	0.4	276	24.4		8.0		28.5		96.2		6.8		8.5		6		88				<0.2		1.8	
					Bottom	6.0	0.2	274	24.2	24.2	8.0	8.0	28.9	28.9	99.0	99.0	7.0	7.0	8.8		10		89				<0.2		1.9	
						6.0	0.3	274	24.2		8.0		28.9		99.0		7.0		8.8		8		88				<0.2		1.7	
IM10	Rainy	Moderate	15:31	7.2	Surface	1.0	0.3	279	24.2	24.2	8.0	8.0	28.6	28.6	95.7	95.7	6.8	6.8	8.1	10.4	3	5	85	88	822232	809855	<0.2	<0.2	2.0	1.6
						1.0	0.3	293	24.2		8.0		28.6		95.7		6.8		8.1		3		86				<0.2		1.7	
					Middle	3.6	0.4	283	24.1	24.1	8.0	8.0	29.0	29.0	95.7	95.7	6.8		9.8		3		88				<0.2		1.6	
						3.6	0.4	300	24.1		8.0		29.0		95.7		6.8		9.8		4		87				<0.2		1.6	
					Bottom	6.2	0.2	282	24.0	24.0	8.0	8.0	29.4	29.4	97.4	97.4	6.9	6.9	13.2		7		89				<0.2		1.3	
						6.2	0.2	307	24.0		8.0		29.4		97.4		6.9		13.2		7		90				<0.2		1.3	
IM11	Cloudy	Moderate	15:47	8.0	Surface	1.0	0.2	290	24.1	24.1	8.0	8.0	28.4	28.4	98.7	98.7	7.1	7.1	8.0	9.9	4	4	85	87	821484	810554	<0.2	<0.2	1.7	1.5
						1.0	0.2	303	24.1		8.0		28.4		98.7		7.1		8.0		3		85				<0.2		1.6	
					Middle	4.0	0.4	293	24.0	24.0	8.1	8.1	29.4	29.4	99.3	99.3	7.1		10.5		3		87				<0.2		1.6	
						4.0	0.4	312	24.0		8.1		29.4		99.3		7.1		10.5		4		88				<0.2		1.4	
					Bottom	7.0	0.3	290	23.9	23.9	8.1	8.1	30.0	30.0	99.5	99.5	7.1	7.1	11.2		3		88				<0.2		1.3	
						7.0	0.3	317	23.9		8.1		30.0		99.5		7.1		11.2		5		89				<0.2		1.3	
IM12	Cloudy	Moderate	15:56	7.7	Surface	1.0	0.6	282	24.0	24.0	8.1	8.1	29.1	29.1	100.2	100.2	7.1	7.2	7.4	8.2	3	3	85	87	821176	811502	<0.2	<0.2	1.4	1.3
						1.0	0.6	285	24.0		8.1		29.1		100.2		7.1		7.4		2		86				<0.2		1.4	
					Middle	3.9	0.5	284	24.0	24.0	8.1	8.1	29.7	29.7	101.6	101.6	7.2		8.4		3		87				<0.2		1.2	
						3.9	0.5	288	24.0		8.1		29.7		101.6		7.2		8.4		4		88				<0.2		1.2	
					Bottom	6.7	0.4	286	24.0	24.0	8.1	8.1	30.0	30.0	102.5	102.5	7.3	7.3	8.7		3		87				<0.2		1.2	
						6.7	0.4	306	24.0		8.1		30.0		102.5		7.3		8.7		4		88				<0.2		1.2	
SR2	Cloudy	Moderate	16:26	4.8	Surface	1.0	0.2	25	24.0	24.0	8.0	8.0	29.6	29.6	96.3	96.3	6.8	6.8	7.8	8.1	4	6	86	86	821491	814165	<0.2	<0.2	1.3	1.4
						1.0	0.2	26	24.0		8.0		29.6		96.3		6.8		7.8		4		85				<0.2		1.2	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.8	0.1	85	23.9	23.9	8.0	8.0	30.1	30.1	97.1	97.1	6.9	6.9	8.3		7		87				<0.2		1.2	
						3.8	0.1	90	23.9		8.0		30.1		97.1		6.9		8.3		9		87				<0.2		1.7	
SR3	Rainy	Moderate	15:05	8.1	Surface	1.0	0.4	214	24.3	24.3	7.9	7.9	27.3	27.3	95.7	95.7	6.9	6.9	8.3	9.2	8	10	-	-	822176	807563	-	-	-	-
						1.0	0.4	229	24.3		7.9		27.3		95.7		6.9		8.3		8		-				-		-	
					Middle	4.1	0.3	232	24.0	24.0	8.0	8.0	28.9	28.9	97.4	97.4	6.9		9.2		10		-				-		-	
						4.1	0.3	245	24.0		8.0		28.9		97.4		6.9		9.2		12		-				-		-	
					Bottom	7.1	0.2	270	24.0	24.0	8.0	8.0	29.4	29.4	99.5	99.5	7.1	7.1	10.1		12		-				-		-	
						7.1	0.2	295	24.0		8.0		29.4		99.5		7.1		10.1		11		-				-		-	
SR4A	Cloudy	Moderate	16:13	8.8	Surface	1.0	0.2	234	23.8	23.8	8.1	8.1	27.7	27.7	103.8	103.8	7.7	7.5	6.3	7.2	7	11	-	-	817202	807784	-	-	-	-
						1.0	0.3	242	23.8		8.1		27.7		103.7		7.7		6.3		8		-				-		-	
					Middle	4.4	0.2	226	23.8	23.8	8.0	8.0	28.8	28.8	95.5	95.8	7.2		6.7		11		-				-		-	
						4.4	0.2	247	23.8		8.0		28.8		96.1		7.2		6.8		13		-				-		-	
					Bottom	7.8	0.1	241	25.5	24.6	8.1	8.0	29.5	29.5	99.0	98.9	7.4	7.4	8.5		12		-				-		-	
						7.8	0.1	248	23.8		8.0		29.5		98.8		7.4		8.6		13		-				-		-	
SR5A	Cloudy	Moderate	16:31	5.3	Surface	1.0	0.2	308	23.9	23.9	8.0	8.0	28.6	28.6	99.9	99.9	7.4	7.4	5.7	7.1	13	13	-	-	816593	810671	-	-	-	-
						1.0	0.2	310	23.9		8.0		28.6		99.8		7.4		5.6		12		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.3	0.2	290	23.8	23.8	8.0	8.0	29.1	29.1	93.4	93.8	7.0	7.0	8.5		15		-				-		-	
						4.3	0.2	307	23.8		8.0		29.1		94.2		7.0		8.5		13		-				-		-	
SR6	Cloudy	Moderate	16:54	4.4	Surface	1.0	0.1	107	23.8	23.8	8.1	8.1	27.1	27.1	98.1	98.0	7.3	7.3	7.2	8.4	14	14	-	-	817899	814672	-	-	-	-
						1.0	0.1	111	23.8		8.1		27.1		97.9		7.3		7.1		13		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.4	0.1	204	23.7	23.7	8.0	8.0	28.5	28.5	88.8	88.9	6.6	6.6	9.7		14		-				-		-	
						3.4	0.1	222	23.7		8.0		28.5		89.0		6.6		9.7		15		-				-		-	
SR7	Cloudy	Moderate	17:25	16.8	Surface	1.0	0.1	355	23.7	23.7	8.0	8.0	32.0	32.0	93.3	93.3	6.6	6.6	6.4	7.2	12	13	-	-	823618	823765	-	-	-	-
						1.0	0.1	355	23.7		8.0		32.0		93.3		6.6		6.4		12		-				-		-	
					Middle	8.4	0.2	57	23.6	23.6	8.0	8.0	32.6	32.6	92.6	92.6	6.5		7.6		13		-				-		-	
						8.4	0.2	57	23.6		8.0		32.6		92.6		6.5		7.6		12		-				-		-	
					Bottom	15.8	0.1	36	23.6	23.6	8.0	8.0	32.7	32.7	93.1	93.1	6.6	6.6	7.5		15		-				-		-	
						15.8	0.1	38	23.6		8.0		32.7		93.1		6.6		7.5		16		-				-		-	
SR8	Cloudy	Moderate	16:06	4.2	Surface	1.0	-	-	24.0	24.0	8.0	8.0	28.9	28.9	101.5	101.5	7.2	7.2	7.6	7.7	12	11	-	-	820246	811418	-	-	-	-
						1.0	-	-	24.0		8.0		28.9		101.5		7.2		7.6		11		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	-	-	24.0	24.0	8.0	8.0	28.9	28.9	105.6	105.6	7.5	7.5	7.8		12		-				-		-	
						3.2	-	-	24.0		8.0		28.9		105.6		7.5		7.8		10		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 28 April 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
C1	Cloudy	Moderate	12:27	8.4	Surface	1.0	0.6	227	24.3	24.3	8.2	8.2	29.0	29.0	107.3	107.3	7.6	7.6	7.8	8.0	7	9	83	86	815630	804276	<0.2	<0.2	1.5	1.3
						1.0	0.6	247	24.3		8.2		29.0		107.2		7.6		7.9		8		84				<0.2		1.6	
					Middle	4.2	0.4	211	24.1	24.1	8.2	8.2	29.7	29.7	105.8	105.8	7.5		8.0		7		86				<0.2		1.3	
						4.2	0.4	225	24.1		8.2		29.7		105.8		7.5		8.0		9		86				<0.2		1.2	
					Bottom	7.4	0.4	207	24.0	24.0	8.2	8.2	30.3	30.4	105.0	105.0	7.4	7.4	8.0		10		88				<0.2		1.1	
						7.4	0.4	215	24.0		8.2		30.4		105.0		7.4		8.1		11		88				<0.2		1.3	
C2	Fine	Moderate	13:38	9.2	Surface	1.0	0.9	169	25.1	25.1	7.8	7.8	25.7	25.7	87.1	87.1	6.2	6.1	3.3	6.7	4	7	85	88	825696	806941	<0.2	<0.2	2.3	2.3
						1.0	1.0	174	25.1		7.8		25.7		87.1		6.2		3.4		5		85				<0.2		2.3	
					Middle	4.6	0.9	164	24.4	24.4	7.9	7.9	26.2	26.2	84.0	84.0	6.0		5.6		9		88				<0.2		2.3	
						4.6	1.0	171	24.4		7.9		26.2		83.9		6.0		5.8		8		87				<0.2		2.4	
					Bottom	8.2	0.4	178	24.1	24.1	7.9	7.9	27.6	27.6	83.6	83.6	6.0	6.0	11.2		9		90				<0.2		2.3	
						8.2	0.4	184	24.1		7.9		27.6		83.6		6.0		11.2		8		90				<0.2		2.4	
C3	Cloudy	Moderate	11:16	12.3	Surface	1.0	0.4	45	24.3	24.3	8.0	8.0	29.1	29.1	92.1	92.1	6.5	6.3	2.4	4.1	6	5	85	88	822089	817827	<0.2	<0.2	1.9	1.9
						1.0	0.4	48	24.3		8.0		29.1		92.0		6.5		2.4		4		86				<0.2		2.4	
					Middle	6.2	0.4	83	23.8	23.8	8.0	8.0	30.5	30.6	85.3	85.3	6.1		4.1		6		88				<0.2		2.2	
						6.2	0.4	89	23.8		8.0		30.6		85.3		6.1		4.3		4		88				<0.2		1.6	
					Bottom	11.3	0.4	107	23.7	23.7	8.0	8.0	30.9	30.9	85.2	85.2	6.0	6.0	5.7		7		90				<0.2		1.5	
						11.3	0.4	110	23.7		8.0		30.9		85.2		6.0		5.7		5		90				<0.2		1.6	
IM1	Cloudy	Moderate	12:49	7.1	Surface	1.0	0.6	194	24.5	24.5	8.2	8.2	29.6	29.6	103.8	103.7	7.3	7.3	11.2	18.3	7	6	83	86	818341	806439	<0.2	<0.2	1.0	1.2
						1.0	0.6	199	24.5		8.2		29.6		103.5		7.3		11.6		7		84				<0.2		1.1	
					Middle	3.6	0.5	191	24.2	24.2	8.1	8.1	29.8	29.8	101.4	101.4	7.2		16.4		5		85				<0.2		1.0	
						3.6	0.6	194	24.2		8.1		29.8		101.4		7.2		16.9		6		86				<0.2		1.0	
					Bottom	6.1	0.4	185	24.1	24.1	8.1	8.1	29.9	29.9	101.2	101.3	7.2	7.2	26.9		5		87				<0.2		1.4	
						6.1	0.4	202	24.1		8.1		29.9		101.3		7.2		26.7		6		88				<0.2		1.4	
IM2	Cloudy	Moderate	12:55	8.1	Surface	1.0	0.6	205	24.7	24.7	8.1	8.1	28.4	28.4	103.6	103.7	7.3	7.3	10.2	14.4	6	7	84	86	818878	806197	<0.2	<0.2	1.3	1.6
						1.0	0.6	223	24.7		8.1		28.4		103.7		7.3		10.2		7		85				<0.2		1.4	
					Middle	4.1	0.5	202	24.5	24.5	8.2	8.2	29.2	29.2	103.5	103.5	7.3		12.3		5		86				<0.2		1.3	
						4.1	0.6	204	24.5		8.2		29.2		103.4		7.3		12.3		6		86				<0.2		1.4	
					Bottom	7.1	0.4	194	24.2	24.2	8.2	8.2	29.7	29.7	100.9	100.9	7.2	7.2	20.6		8		88				<0.2		1.4	
						7.1	0.4	207	24.2		8.2		29.7		100.9		7.2		20.7		9		88				<0.2		2.8	
IM3	Cloudy	Moderate	13:02	7.9	Surface	1.0	0.4	210	24.6	24.6	8.1	8.1	28.8	28.8	102.5	102.5	7.2	7.2	11.7	15.9	7	8	85	87	819397	806003	<0.2	<0.2	1.4	1.4
						1.0	0.4	214	24.6		8.1		28.8		102.5		7.2		11.4		7		85				<0.2		1.4	
					Middle	4.0	0.4	218	24.3	24.3	8.2	8.2	29.5	29.5	101.6	101.6	7.2		14.6		7		88				<0.2		1.4	
						4.0	0.4	230	24.3		8.2		29.5		101.6		7.2		14.5		8		88				<0.2		1.4	
					Bottom	6.9	0.4	189	24.2	24.2	8.2	8.2	29.8	29.8	101.3	101.4	7.2	7.2	21.6		8		89				<0.2		1.4	
						6.9	0.4	204	24.2		8.2		29.8		101.4		7.2		21.8		9		89				<0.2		1.5	
IM4	Cloudy	Moderate	13:09	7.2	Surface	1.0	0.5	205	24.6	24.6	8.2	8.2	29.2	29.2	104.0	104.0	7.3	7.3	15.4	19.3	11	11	85	86	819563	805042	<0.2	<0.2	1.5	1.5
						1.0	0.6	218	24.6		8.2		29.2		104.0		7.3		15.6		11		85				<0.2		1.4	
					Middle	3.6	0.6	196	24.4	24.4	8.1	8.1	29.4	29.4	103.6	103.6	7.3		19.1		12		86				<0.2		1.4	
						3.6	0.6	211	24.4		8.1		29.4		103.6		7.3		19.1		12		86				<0.2		1.5	
					Bottom	6.2	0.4	195	24.4	24.4	8.1	8.1	29.6	29.6	103.2	103.2	7.3	7.3	23.1		11		88				<0.2		1.4	
						6.2	0.5	206	24.4		8.1		29.6		103.1		7.3		23.2		10		88				<0.2		1.6	
IM5	Cloudy	Moderate	13:22	6.4	Surface	1.0	0.9	214	24.6	24.6	8.1	8.1	28.7	28.7	103.6	103.6	7.3	7.3	13.9	19.2	8	12	85	88	820543	804908	<0.2	<0.2	1.3	1.3
						1.0	0.9	217	24.6		8.1		28.7		103.5		7.3		14.0		10		86				<0.2		1.3	
					Middle	3.2	0.7	213	24.3	24.3	8.1	8.1	29.3	29.3	102.1	102.1	7.2		20.8		10		88				<0.2		1.3	
						3.2	0.7	221	24.3		8.1		29.3		102.0		7.2		21.0		10		89				<0.2		1.3	
					Bottom	5.4	0.6	212	24.2	24.2	8.1	8.1	29.4	29.4	101.9	101.9	7.2	7.2	22.8		17		90				<0.2		1.4	
						5.4	0.6	215	24.2		8.1		29.4		101.9		7.2		22.7		17		90				<0.2		1.4	
IM6	Cloudy	Moderate	13:32	6.3	Surface	1.0	0.6	222	24.8	24.8	8.1	8.1	27.9	27.9	99.9	99.9	7.1	7.1	11.6	16.3	6	7	86	88	821036	805832	<0.2	<0.2	1.3	1.4
						1.0	0.6	229	24.8		8.1		27.9		99.9		7.1		11.6		5		86				<0.2		1.3	
					Middle	3.2	0.5	217	24.4	24.4	8.1	8.1	28.8	28.8	100.0	100.1	7.1		16.4		6		88				<0.2		1.4	
						3.2	0.5	234	24.4		8.1		28.8		100.1		7.1		16.4		7		89				<0.2		1.5	
					Bottom	5.3	0.4	220	24.4	24.4	8.1	8.1	28.9	28.9	100.5	100.6	7.1	7.1	21.1		8		90				<0.2		1.3	
						5.3	0.5	223	24.4		8.1		28.9		100.7		7.1		20.9		8		90				<0.2		1.4	
IM7	Cloudy	Moderate	13:42	7.8	Surface	1.0	0.7	221	25.3	25.3	8.1	8.1	27.3	27.3	99.4	99.4	7.0	7.0	12.7	17.7	6	7	85	88	821348	806852	<0.2	<0.2	1.3	1.4
						1.0	0.7	234	25.3		8.1		27.3		99.4		7.0		12.8		6		86				<0.2		1.4	
					Middle	3.9	0.6	229	24.5	24.5	8.1	8.1	28.3	28.3	98.8	98.8	7.0		16.1		7		88				<0.2		1.5	
						3.9	0.6	229	24.5		8.1		28.3		98.8		7.0		16.3		7		88				<0.2		1.2	
					Bottom	6.8	0.5	245	24.2	24.2	8.1	8.1	29.0	29.0	98.0	98.0	7.0	7.0	24.1		6		90				<0.2		1.4	
						6.8	0.5	250	24.2		8.1		29.0		98.0		7.0		24.2		7		90				<0.2		1.3	
IM8	Fine	Moderate	13:01	7.8	Surface	1.0	0.5	195	24.8	24.8	7.9	7.9	27.1	27.1	93.4	93.4	6.6	6.7	5.0	6.0	8	7	86	88	821697	807832	<0.2	<0.2	1.8	1.7
						1.0	0.5	204	24.8		7.9		27.1		93.4		6.6		4.9		7		85				<0.2		1.6	
					Middle	3.9	0.4	215	24.2	24.2	8.0	8.0	28.4	28.4	93.9	93.9	6.7		6.0		6		88				<0.2		1.7	
						3.9	0.4	222	24.2		8.0		28.4		93.9		6.7		6.1		6		88				<0.2		1.6	
					Bottom	6.8	0.3	257	24.2	24.2	8.0	8.0	28.6	28.6	94.2	94.2	6.7	6.7	6.8		8		90				<0.2		1.7	
						6.8	0.3	267	24.2		8.0		28.6		94.2		6.7		7.0		9		90				<0.2		1.8	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 28 April 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
IM9	Fine	Moderate	12:52	7.0	Surface	1.0	0.5	144	24.6	24.6	7.9	7.9	27.3	27.3	90.9	91.0	6.5	6.6	5.6	10.1	8	7	85	88	822084	808783	<0.2	<0.2	2.0	1.9
						1.0	0.5	144	24.6		7.9		27.3		91.0		6.5		5.7		8		86				<0.2		2.0	
					Middle	3.5	0.3	134	24.2	24.2	8.0	8.0	28.4	28.4	93.5	93.6	6.7		11.4		8		88				<0.2		1.9	
						3.5	0.4	141	24.2		8.0		28.4		93.6		6.7		11.4		6		88				<0.2		1.8	
					Bottom	6.0	0.3	133	24.2	24.2	8.0	8.0	28.4	28.4	94.2	94.2	6.7	6.7	12.5		6		90				<0.2		1.9	
						6.0	0.3	140	24.2		8.0		28.4		94.2		6.7		14.1		6		90				<0.2		2.0	
IM10	Fine	Moderate	12:43	6.7	Surface	1.0	0.5	129	24.9	24.9	7.9	7.9	27.0	27.0	93.8	93.8	6.7	6.7	5.1	7.2	7	7	85	88	822228	809822	<0.2	<0.2	2.0	1.9
						1.0	0.5	133	24.9		7.9		27.0		93.8		6.7		5.1		6		85				<0.2		2.0	
					Middle	3.4	0.6	119	24.4	24.4	8.0	8.0	27.6	27.6	93.4	93.4	6.7		6.3		6		88				<0.2		2.0	
						3.4	0.7	125	24.4		8.0		27.7		93.4		6.7		6.3		6		88				<0.2		1.9	
					Bottom	5.7	0.5	106	24.2	24.2	8.0	8.0	28.3	28.3	93.4	93.4	6.7	6.7	10.3		8		90				<0.2		1.8	
						5.7	0.5	113	24.2		8.0		28.3		93.4		6.7		10.1		9		90				<0.2		1.8	
IM11	Fine	Moderate	12:25	8.0	Surface	1.0	0.2	135	24.4	24.4	8.0	8.0	27.8	27.9	94.9	94.9	6.8	6.8	4.4	6.0	7	9	85	88	821514	810524	<0.2	<0.2	1.9	1.7
						1.0	0.2	148	24.4		8.0		27.9		94.9		6.8		4.4		7		85				<0.2		1.8	
					Middle	4.0	0.3	88	24.3	24.3	8.0	8.0	28.2	28.2	94.8	94.9	6.8		5.0		10		88				<0.2		1.6	
						4.0	0.3	91	24.3		8.0		28.2		94.9		6.8		5.1		9		88				<0.2		1.6	
					Bottom	7.0	0.3	80	24.3	24.3	8.1	8.1	28.6	28.6	95.6	95.6	6.8	6.8	8.7		11		90				<0.2		1.5	
						7.0	0.3	86	24.3		8.1		28.6		95.6		6.8		8.4		9		90				<0.2		1.5	
IM12	Fine	Moderate	12:15	8.9	Surface	1.0	0.4	122	24.4	24.4	8.0	8.0	28.1	28.1	95.7	95.7	6.8	6.8	4.6	6.5	10	11	85	88	821159	811496	<0.2	<0.2	1.6	1.5
						1.0	0.4	123	24.4		8.0		28.1		95.6		6.8		4.7		9		88				<0.2		1.5	
					Middle	4.5	0.3	114	24.3	24.3	8.0	8.0	28.5	28.5	95.2	95.2	6.8		5.4		11		88				<0.2		1.6	
						4.5	0.3	120	24.3		8.0		28.5		95.2		6.8		5.6		10		88				<0.2		1.5	
					Bottom	7.9	0.3	86	24.2	24.2	8.0	8.0	28.9	28.9	94.9	94.9	6.8	6.8	9.6		13		90				<0.2		1.4	
						7.9	0.4	87	24.2		8.0		28.9		94.9		6.8		9.2		12		90				<0.2		1.4	
SR2	Cloudy	Moderate	11:42	4.5	Surface	1.0	0.5	94	24.4	24.4	8.0	8.0	28.1	28.1	91.6	91.5	6.5	6.5	3.7	8.6	8	9	85	86	821461	814148	<0.2	<0.2	1.9	1.9
						1.0	0.6	102	24.4		8.0		28.1		91.4		6.5		3.7		9		85				<0.2		2.0	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.4	96	24.2	24.2	8.0	8.0	28.9	28.9	89.8	89.9	6.4	6.4	13.4		8		88				<0.2		1.9	
						3.5	0.5	102	24.2		8.0		28.9		89.9		6.4		13.5		10		87				<0.2		1.9	
SR3	Fine	Moderate	13:08	8.5	Surface	1.0	0.6	177	24.8	24.8	7.9	7.9	27.0	27.0	91.3	91.3	6.5	6.6	6.4	9.5	9	9	-	-	822155	807564	-	-	-	-
						1.0	0.6	185	24.8		7.9		27.1		91.3		6.5		6.4		8		-				-		-	
					Middle	4.3	0.5	190	24.3	24.3	8.0	8.0	28.1	28.1	93.8	93.8	6.7		7.1		9		-				-		-	
						4.3	0.5	204	24.3		8.0		28.1		93.8		6.7		7.2		8		-				-		-	
					Bottom	7.5	0.3	230	24.2	24.2	8.0	8.0	28.4	28.4	93.4	93.4	6.7	6.7	15.0		10		-				-		-	
						7.5	0.3	233	24.2		8.0		28.4		93.4		6.7		14.8		9		-				-		-	
SR4A	Cloudy	Calm	12:07	8.5	Surface	1.0	0.2	71	24.7	24.7	8.1	8.1	29.1	29.1	103.5	103.5	7.3	7.2	10.9	15.9	8	7	-	-	817172	807808	-	-	-	-
						1.0	0.3	77	24.7		8.1		29.1		103.5		7.3		11.0		6		-				-		-	
					Middle	4.3	0.2	78	24.3	24.3	8.1	8.1	29.8	29.8	99.8	99.8	7.1		17.4		6		-				-		-	
						4.3	0.2	83	24.3		8.1		29.8		99.8		7.1		17.0		8		-				-		-	
					Bottom	7.5	0.2	68	24.2	24.2	8.1	8.1	29.9	29.9	100.2	100.2	7.1	7.1	19.5		8		-				-		-	
						7.5	0.2	69	24.2		8.1		29.9		100.2		7.1		19.4		6		-				-		-	
SR5A	Cloudy	Calm	11:48	4.0	Surface	1.0	0.1	94	24.8	24.8	8.1	8.1	29.4	29.4	95.3	95.3	6.7	6.7	10.2	10.6	7	7	-	-	816608	810691	-	-	-	-
						1.0	0.1	99	24.8		8.1		29.4		95.3		6.7		10.2		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	0.1	95	24.7	24.7	8.1	8.1	29.4	29.4	96.1	96.1	6.8	6.8	11.0		8		-				-		-	
						3.0	0.1	102	24.7		8.1		29.4		96.1		6.8		11.1		7		-				-		-	
SR6	Cloudy	Calm	11:24	4.9	Surface	1.0	0.1	71	24.5	24.5	8.0	8.0	28.8	28.8	94.4	94.4	6.7	6.7	8.4	9.9	4	5	-	-	817906	814636	-	-	-	-
						1.0	0.1	71	24.5		8.0		28.8		94.3		6.7		8.5		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.9	0.1	63	24.4	24.4	8.0	8.0	29.3	29.3	92.6	92.7	6.6	6.6	11.3		5		-				-		-	
						3.9	0.1	66	24.4		8.0		29.3		92.7		6.6		11.2		5		-				-		-	
SR7	Cloudy	Moderate	10:29	18.6	Surface	1.0	0.5	69	23.7	23.7	7.9	7.9	31.1	31.1	85.3	85.4	6.0	6.0	2.4	3.1	5	6	-	-	823634	823725	-	-	-	-
						1.0	0.5	69	23.7		7.9		31.1		85.4		6.1		2.4		6		-				-		-	
					Middle	9.3	0.4	46	23.7	23.7	7.9	7.9	31.3	31.3	84.9	84.9	6.0		3.0		6		-				-		-	
						9.3	0.5	46	23.7		7.9		31.3		84.9		6.0		3.0		6		-				-		-	
					Bottom	17.6	0.2	22	23.6	23.6	7.9	7.9	31.4	31.4	85.2	85.3	6.0	6.0	3.8		4		-				-		-	
						17.6	0.2	23	23.6		7.9		31.4		85.3		6.0		3.8		6		-				-		-	
SR8	Fine	Moderate	12:08	4.1	Surface	1.0	-	-	25.0	25.0	8.0	8.0	28.3	28.3	93.4	93.5	6.6	6.6	5.6	5.4	11	11	-	-	820246	811418	-	-	-	-
						1.0	-	-	25.0		8.0		28.3		93.6		6.6		5.6		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	-	-	24.6	24.6	8.0	8.0	28.7	28.7	94.2	94.2	6.7	6.7	5.2		12		-				-		-	
						3.1	-	-	24.6		8.0		28.7		94.2		6.7		5.2		12		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 28 April 18 during Mid-Flood Tide

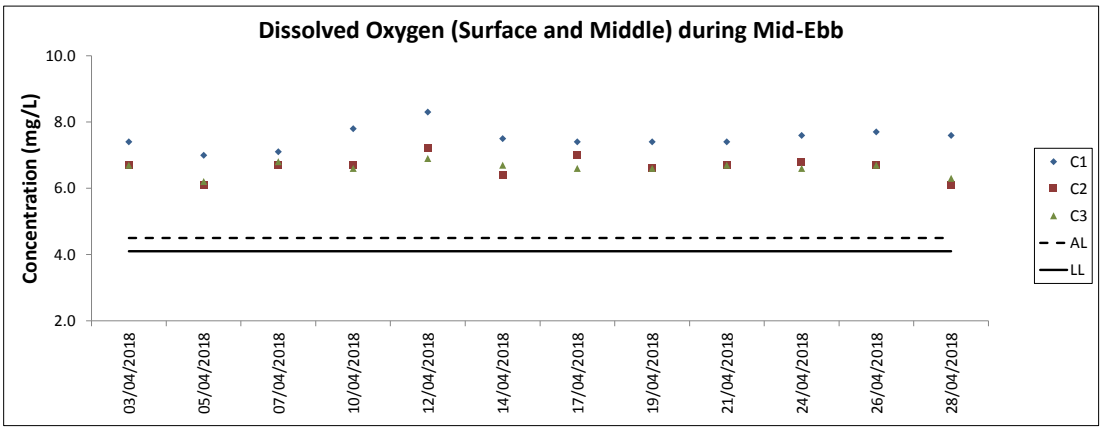
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Total Alkalinity (ppm)		Coordinate HK Grid (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
C1	Cloudy	Moderate	17:34	8.5	Surface	1.0	0.4	24	24.5	24.5	8.2	8.2	29.4	29.4	104.7	104.6	7.4	7.3	10.5	15.4	9	9	86	88	815591	804219	<0.2	<0.2	1.6	1.5
						1.0	0.4	24	24.5		8.2		29.4		104.5		7.4		10.6		8		86				<0.2		1.4	
					Middle	4.3	0.4	36	24.1	24.1	8.2	8.2	30.3	30.2	101.6	101.7	7.2		15.4		8		88				<0.2		1.4	
						4.3	0.4	37	24.1		8.2		30.2		101.7		7.2		15.8		8		88				<0.2		1.5	
					Bottom	7.5	0.3	39	24.0	24.0	8.2	8.2	30.6	30.6	101.5	101.6	7.2	7.2	20.1		9		89				<0.2		1.4	
						7.5	0.3	41	24.0		8.2		30.6		101.6		7.2		19.8		9		89				<0.2		1.5	
C2	Fine	Moderate	16:33	9.1	Surface	1.0	0.4	178	24.9	24.9	7.7	7.7	23.2	23.2	82.6	82.7	6.0	5.9	8.0	12.1	10	10	86	88	825671	806929	<0.2	<0.2	2.8	2.7
						1.0	0.4	183	24.9		7.8		23.2		82.7		6.0		7.9		8		86				<0.2		2.7	
					Middle	4.6	0.2	219	24.3	24.3	7.8	7.8	26.7	26.7	80.8	80.8	5.8		10.3		8		88				<0.2		2.7	
						4.6	0.2	229	24.3		7.8		26.7		80.8		5.8		10.2		10		88				<0.2		2.7	
					Bottom	8.1	0.1	156	24.2	24.2	7.8	7.8	27.3	27.3	80.8	80.8	5.8	5.8	18.0		11		90				<0.2		2.8	
						8.1	0.1	167	24.2		7.8		27.3		80.8		5.8		18.0		11		90				<0.2		2.7	
C3	Fine	Moderate	18:45	12.0	Surface	1.0	0.5	260	24.3	24.3	8.0	8.0	29.1	29.1	89.9	89.9	6.4	6.2	2.5	7.8	6	6	86	88	822104	817777	<0.2	<0.2	1.1	1.1
						1.0	0.5	266	24.3		8.0		29.1		89.8		6.4		2.6		6		86				<0.2		1.2	
					Middle	6.0	0.6	261	23.9	23.9	7.9	7.9	30.4	30.4	84.7	84.7	6.0		9.0		6		88				<0.2		1.0	
						6.0	0.6	273	23.9		7.9		30.4		84.6		6.0		9.4		5		87				<0.2		1.1	
					Bottom	11.0	0.4	267	23.9	23.9	7.9	7.9	30.5	30.5	84.4	84.4	6.0	6.0	11.3		7		90				<0.2		1.2	
						11.0	0.4	277	23.9		7.9		30.5		84.4		6.0		11.9		8		90				<0.2		1.0	
IM1	Cloudy	Moderate	17:13	7.0	Surface	1.0	0.3	2	24.9	24.9	8.2	8.2	28.7	28.7	103.1	103.1	7.3	7.3	10.8	17.0	8	8	84	86	818328	806485	<0.2	<0.2	1.8	1.7
						1.0	0.3	2	24.9		8.2		28.7		103.1		7.3		10.9		9		84				<0.2		1.8	
					Middle	3.5	0.3	346	24.7	24.7	8.1	8.1	29.3	29.3	102.7	102.7	7.2		15.1		9		85				<0.2		1.7	
						3.5	0.3	318	24.7		8.2		29.3		102.7		7.2		15.2		8		85				<0.2		1.7	
					Bottom	6.0	0.4	345	24.7	24.7	8.1	8.1	29.5	29.5	102.0	102.0	7.2	7.2	25.0		9		88				<0.2		1.7	
						6.0	0.4	346	24.7		8.1		29.5		102.0		7.2		24.8		8		88				<0.2		1.7	
IM2	Cloudy	Moderate	17:07	7.9	Surface	1.0	0.1	230	24.8	24.8	8.1	8.1	27.3	27.3	98.2	98.5	7.0	7.1	10.7	10.9	10	10	83	86	818845	806218	<0.2	<0.2	1.8	1.8
						1.0	0.2	245	24.8		8.1		27.3		98.8		7.0		10.7		10		84				<0.2		1.8	
					Middle	4.0	0.2	320	24.7	24.7	8.2	8.2	29.0	29.0	102.6	102.6	7.2		10.7		9		85				<0.2		1.8	
						4.0	0.2	340	24.7		8.2		29.0		102.6		7.2		10.8		10		85				<0.2		1.8	
					Bottom	6.9	0.2	340	24.7	24.7	8.2	8.2	29.4	29.4	102.4	102.4	7.2	7.2	11.2		12		88				<0.2		1.7	
						6.9	0.2	344	24.7		8.2		29.4		102.4		7.2		11.2		11		88				<0.2		1.8	
IM3	Cloudy	Moderate	17:02	7.8	Surface	1.0	0.1	249	24.8	24.8	8.0	8.0	26.5	26.5	94.5	94.7	6.7	6.9	12.7	12.8	11	11	84	86	819396	806013	<0.2	<0.2	1.8	1.9
						1.0	0.1	258	24.8		8.0		26.5		94.8		6.8		12.7		11		84				<0.2		2.0	
					Middle	3.9	0.2	287	24.8	24.8	8.2	8.2	28.1	28.1	100.3	100.4	7.1		12.9		12		86				<0.2		1.9	
						3.9	0.2	308	24.8		8.2		28.1		100.4		7.1		12.8		10		86				<0.2		1.9	
					Bottom	6.8	0.3	319	24.8	24.8	8.2	8.1	28.5	28.5	100.7	100.7	7.1	7.1	12.9		10		88				<0.2		1.9	
						6.8	0.3	350	24.8		8.1		28.5		100.6		7.1		12.9		11		88				<0.2		1.9	
IM4	Cloudy	Moderate	16:54	6.9	Surface	1.0	0.2	34	24.8	24.8	8.1	8.1	27.4	27.4	95.1	95.1	6.8	6.9	13.7	16.7	13	13	84	86	819590	805050	<0.2	<0.2	2.0	2.0
						1.0	0.2	36	24.8		8.1		27.4		95.1		6.8		13.4		11		84				<0.2		1.9	
					Middle	3.5	0.2	-	24.8	24.8	8.1	8.1	27.5	27.5	97.4	97.5	6.9		16.0		13		85				<0.2		1.9	
						3.5	0.2	-	24.8		8.1		27.5		97.5		6.9		16.0		13		86				<0.2		1.9	
					Bottom	5.9	0.2	348	24.7	24.7	8.1	8.1	28.2	28.2	99.5	99.5	7.0	7.0	20.5		15		87				<0.2		2.0	
						5.9	0.2	348	24.7		8.1		28.3		99.5		7.0		20.8		15		88				<0.2		2.1	
IM5	Cloudy	Moderate	16:45	6.4	Surface	1.0	0.3	287	24.6	24.6	8.0	8.0	26.5	26.5	90.3	90.3	6.5	6.5	18.7	21.0	17	17	83	86	820568	804899	<0.2	<0.2	2.2	2.1
						1.0	0.3	312	24.6		8.0		26.5		90.3		6.5		18.7		16		84				<0.2		2.2	
					Middle	3.2	0.3	289	24.6	24.6	8.0	8.0	26.6	26.6	90.5	90.6	6.5		20.8		16		85				<0.2		2.1	
						3.2	0.3	305	24.6		8.0		26.6		90.6		6.5		20.4		15		86				<0.2		2.0	
					Bottom	5.4	0.2	294	24.6	24.6	8.0	8.0	26.6	26.6	91.8	91.8	6.6	6.6	23.9		20		88				<0.2		1.9	
						5.4	0.2	313	24.6		8.0		26.6		91.8		6.6		23.6		21		89				<0.2		2.1	
IM6	Cloudy	Moderate	16:38	6.3	Surface	1.0	0.5	261	24.6	24.6	8.0	8.0	26.5	26.5	89.9	89.9	6.4	6.5	17.4	20.5	14	14	83	86	821051	805831	<0.2	<0.2	1.9	2.0
						1.0	0.6	274	24.6		8.0		26.5		89.9		6.4		17.4		11		84				<0.2		2.0	
					Middle	3.2	0.5	267	24.6	24.6	8.0	8.0	26.6	26.6	90.3	90.4	6.5		20.9		13		85				<0.2		2.0	
						3.2	0.5	277	24.6		8.0		26.6		90.4		6.5		20.8		14		86				<0.2		1.9	
					Bottom	5.3	0.4	276	24.5	24.5	8.0	8.0	26.7	26.7	91.4	91.4	6.5	6.5	23.3		16		88				<0.2		2.1	
						5.3	0.4	288	24.6		8.0		26.7		91.4		6.5		23.0		17		88				<0.2		2.0	
IM7	Cloudy	Moderate	16:33	7.5	Surface	1.0	0.7	235	24.9	24.9	8.0	8.0	25.5	25.5	89.8	89.8	6.4	6.4	13.6	20.1	10	10	84	86	821365	806827	<0.2	<0.2	2.1	1.9
						1.0	0.7	243	24.9		8.0		25.5		89.8		6.4		13.6		8		84				<0.2		2.0	
					Middle	3.8	0.6	246	24.5	24.5	8.0	8.0	26.8	26.8	89.1	89.1	6.4		22.0		8		86				<0.2		2.0	
						3.8	0.6	261	24.5		8.0		26.8		89.1		6.4		22.1		9		86				<0.2		1.8	
					Bottom	6.5	0.5	258	24.4	24.4	8.0	8.0	26.8	26.8	90.2	90.3	6.5	6.5	24.8		11		87				<0.2		1.8	
						6.5	0.5	259	24.4		8.0		26.8		90.4		6.5		24.7		13		87				<0.2		1.6	
IM8	Fine	Moderate	16:56	7.6	Surface	1.0	0.4	228	24.9	24.9	7.8	7.8	24.9	24.9	85.1	85.1	6.1	6.1	5.0	9.4	7	7	86	88	821684	807839	<0.2	<0.2	2.6	2.6
						1.0	0.4	247	24.9		7.8		24.9		85.1		6.1		5.0		8		86				<0.2		2.7	
					Middle	3.8	0.3	233	24.5	24.5	7.8	7.8	26.3	26.3	84.1	84.2	6.0		9.7		7		88				<0.2		2.7	
						3.8	0.3	244	24.5		7.8		26.3		84.2		6.0		9.7		7		88				<0.2		2.6	
					Bottom	6.6	0.2	262	24.5	24.5	7.8	7.8	26.4	26.4	84.5	84.6	6.1	6.1	13.5		6		90				<0.2		2.6	
						6.6	0.2	269	24.5		7.8		26.4		84.6		6.1		13.6		6		90				<0.2		2.6	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 28 April 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
IM9	Fine	Moderate	17:05	6.6	Surface	1.0	0.3	258	25.0	25.0	7.8	7.8	25.0	25.0	86.0	86.0	6.2	6.1	4.7	6.1	5	5	86	88	822115	808793	<0.2	<0.2	2.6	2.7
						1.0	0.3	278	25.0		7.8		25.0		85.9		6.2		4.7		6		86				<0.2		2.6	
					Middle	3.3	0.3	273	24.5	24.5	7.8	7.8	26.4	26.4	84.0	84.0	6.0		6.6		6		88				<0.2		2.6	
						3.3	0.3	299	24.5		7.8		26.4		84.0		6.0		6.6		5		88				<0.2		2.5	
					Bottom	5.6	0.2	286	24.5	24.5	7.8	7.8	26.5	26.5	84.7	84.7	6.1	6.1	6.8		5		90				<0.2		2.5	
						5.6	0.2	288	24.5		7.8		26.5		84.7		6.1		7.0		5		90				<0.2		3.2	
IM10	Fine	Moderate	17:17	7.0	Surface	1.0	0.4	295	24.7	24.7	7.8	7.8	26.2	26.2	86.2	86.2	6.2	6.2	4.0	6.4	4	5	86	88	822243	809861	<0.2	<0.2	2.1	2.1
						1.0	0.4	298	24.7		7.8		26.2		86.1		6.2		4.0		6		86				<0.2		2.0	
					Middle	3.5	0.3	299	24.6	24.6	7.8	7.8	26.4	26.4	85.3	85.3	6.1		4.8		5		88				<0.2		2.0	
						3.5	0.4	314	24.6		7.8		26.4		85.3		6.1		4.9		4		88				<0.2		2.1	
					Bottom	6.0	0.3	326	24.5	24.5	7.8	7.8	27.2	27.2	83.8	83.8	6.0	6.0	10.4		4		90				<0.2		2.1	
						6.0	0.3	333	24.5		7.8		27.2		83.8		6.0		10.5		4		90				<0.2		2.0	
IM11	Fine	Moderate	17:33	7.1	Surface	1.0	0.5	289	24.7	24.7	7.9	7.9	27.3	27.3	89.5	89.5	6.4	6.4	4.9	7.2	6	7	86	88	821473	810559	<0.2	<0.2	1.6	1.7
						1.0	0.5	295	24.7		7.9		27.3		89.5		6.4		4.9		8		86				<0.2		1.6	
					Middle	3.6	0.4	287	24.7	24.7	7.9	7.9	27.4	27.4	88.9	88.9	6.3		6.6		7		88				<0.2		1.7	
						3.6	0.4	293	24.7		7.9		27.4		88.9		6.3		6.7		9		88				<0.2		1.7	
					Bottom	6.1	0.3	285	24.6	24.6	7.9	7.9	27.6	27.6	88.9	88.9	6.3	6.3	10.1		7		90				<0.2		1.7	
						6.1	0.3	312	24.6		7.9		27.6		88.9		6.3		10.1		7		90				<0.2		1.6	
IM12	Fine	Moderate	17:43	8.4	Surface	1.0	0.6	279	24.8	24.8	7.9	7.9	27.6	27.6	93.6	93.6	6.6	6.7	5.0	7.5	6	7	86	88	821182	811489	<0.2	<0.2	1.6	1.6
						1.0	0.7	289	24.8		7.9		27.6		93.6		6.6		4.9		5		86				<0.2		1.6	
					Middle	4.2	0.6	274	24.7	24.7	8.0	8.0	27.9	27.9	93.9	93.9	6.7		6.8		9		88				<0.2		1.5	
						4.2	0.6	279	24.7		8.0		27.9		93.9		6.7		6.9		8		88				<0.2		1.6	
					Bottom	7.4	0.4	277	24.6	24.6	8.0	8.0	28.2	28.2	93.8	93.8	6.7	6.7	10.8		8		90				<0.2		1.6	
						7.4	0.4	277	24.6		8.0		28.2		93.8		6.7		10.8		8		90				<0.2		1.6	
SR2	Fine	Moderate	18:20	4.5	Surface	1.0	0.1	205	24.6	24.6	8.0	8.0	28.3	28.3	91.7	91.7	6.5	6.5	6.4	6.6	10	10	86	87	821477	814190	<0.2	<0.2	1.3	1.3
						1.0	0.2	214	24.6		8.0		28.3		91.7		6.5		6.4		10		86				<0.2		1.3	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.1	234	24.6	24.6	8.0	8.0	28.3	28.3	91.2	91.2	6.5	6.5	6.9		9		88				<0.2		1.2	
						3.5	0.1	253	24.6		8.0		28.3		91.2		6.5		6.9		9		88				<0.2		1.3	
SR3	Fine	Moderate	16:50	8.3	Surface	1.0	0.5	203	24.7	24.7	7.8	7.8	25.2	25.2	83.8	83.8	6.0	6.0	6.7	9.8	8	8	-	-	822172	807557	-	-	-	-
						1.0	0.5	222	24.7		7.8		25.2		83.7		6.0		6.7		6		-				-		-	
					Middle	4.2	0.4	210	24.3	24.3	7.8	7.8	26.5	26.5	82.2	82.2	5.9		10.1		7		-				-		-	
						4.2	0.4	219	24.3		7.8		26.5		82.2		5.9		10.1		8		-				-		-	
					Bottom	7.3	0.3	202	24.3	24.3	7.8	7.8	26.7	26.7	82.9	82.9	6.0	6.0	12.6		11		-				-		-	
						7.3	0.3	213	24.3		7.8		26.7		82.9		6.0		12.4		10		-				-		-	
SR4A	Cloudy	Calm	17:54	8.9	Surface	1.0	0.3	253	25.1	25.1	8.1	8.1	29.2	29.2	99.0	99.0	6.9	6.9	12.5	12.2	9	8	-	-	817181	807835	-	-	-	-
						1.0	0.3	265	25.1		8.1		29.2		98.9		6.9		12.7		8		-				-		-	
					Middle	4.5	0.3	259	25.0	25.0	8.1	8.1	29.2	29.2	97.7	97.7	6.8		12.1		9		-				-		-	
						4.5	0.3	280	25.0		8.1		29.2		97.6		6.8		12.0		9		-				-		-	
					Bottom	7.9	0.2	255	24.9	24.9	8.1	8.1	29.3	29.3	97.6	97.7	6.8	6.9	12.0		8		-				-		-	
						7.9	0.2	280	24.9		8.1		29.3		97.8		6.9		12.1		7		-				-		-	
SR5A	Cloudy	Calm	18:13	4.9	Surface	1.0	0.3	298	24.9	24.9	8.1	8.1	29.2	29.2	97.8	97.8	6.9	6.9	10.9	10.7	8	7	-	-	816597	810684	-	-	-	-
						1.0	0.3	314	24.9		8.1		29.2		97.8		6.9		10.9		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.9	0.3	305	24.9	24.9	8.1	8.1	29.2	29.2	98.3	98.4	6.9	6.9	10.5		8		-				-		-	
						3.9	0.3	317	24.9		8.1		29.2		98.5		6.9		10.6		6		-				-		-	
SR6	Cloudy	Calm	18:37	4.1	Surface	1.0	0.2	238	24.7	24.7	8.1	8.1	29.1	29.1	98.4	98.3	6.9	6.9	10.1	10.6	5	6	-	-	817879	814641	-	-	-	-
						1.0	0.2	250	24.7		8.1		29.2		98.2		6.9		10.1		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	0.1	245	24.5	24.5	8.1	8.1	29.5	29.5	98.3	98.6	6.9	7.0	10.9		6		-				-		-	
						3.1	0.1	269	24.5		8.1		29.5		98.8		7.0		11.2		7		-				-		-	
SR7	Fine	Moderate	19:24	18.8	Surface	1.0	0.1	266	24.0	24.0	8.0	8.0	30.4	30.4	85.6	85.6	6.1	6.1	3.1	4.9	5	6	-	-	823610	823744	-	-	-	-
						1.0	0.1	289	24.0		8.0		30.4		85.6		6.1		3.1		6		-				-		-	
					Middle	9.4	0.2	103	23.8	23.8	8.0	8.0	31.3	31.3	85.3	85.3	6.0		5.8		5		-				-		-	
						9.4	0.2	108	23.8		8.0		31.3		85.3		6.0		5.9		7		-				-		-	
					Bottom	17.8	0.2	183	23.8	23.8	8.0	8.0	31.4	31.4	85.3	85.3	6.0	6.0	5.6		5		-				-		-	
						17.8	0.2	196	23.8		8.0		31.4		85.3		6.0		5.6		6		-				-		-	
SR8	Fine	Moderate	17:58	4.0	Surface	1.0	-	-	24.8	24.8	8.0	8.0	28.0	28.0	95.3	95.3	6.7	6.7	3.5	4.0	5	5	-	-	820246	811418	-	-	-	-
						1.0	-	-	24.8		8.0		28.0		95.3		6.7		3.5		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	24.8	24.8	8.0	8.0	28.3	28.3	94.6	94.6	6.7	6.7	4.6		6		-				-		-	
						3.0	-	-	24.8		8.0		28.3		94.6		6.7		4.5		5		-				-		-	

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


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
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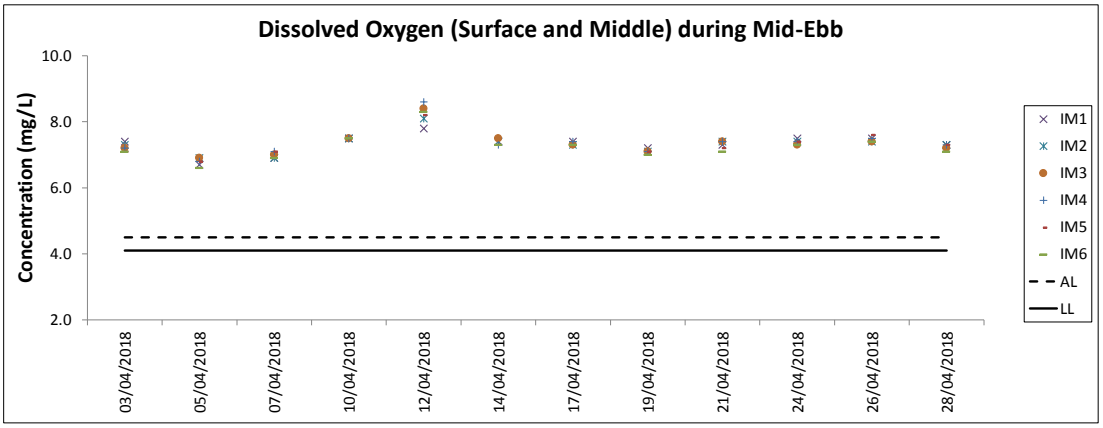
28/04/2018
C1
C2
C3
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
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19/04/2018
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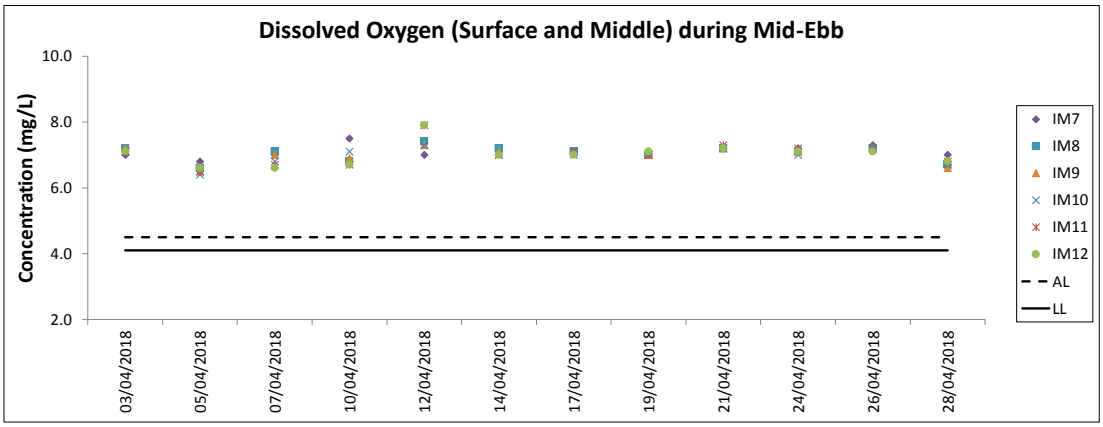
26/04/2018
28/04/2018
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
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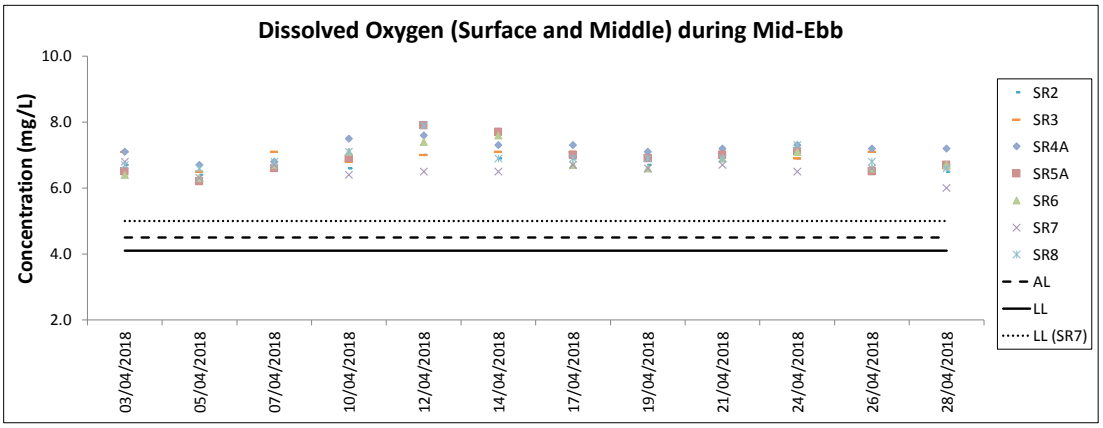
IM7
IM8
IM9
IM10
IM11
IM12
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
21/04/2018
24/04/2018
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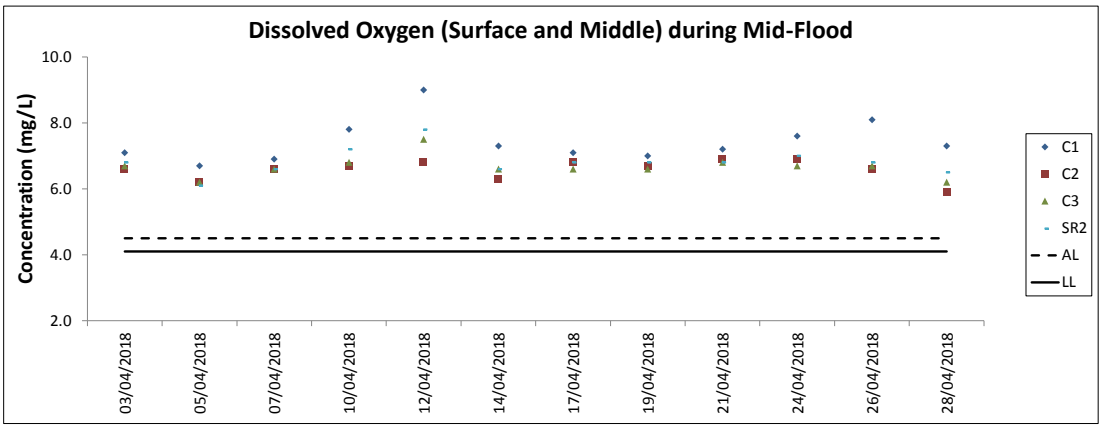
SR5A
SR6
SR7
SR8
AL
LL
LL (SR7)


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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4.0
2.0
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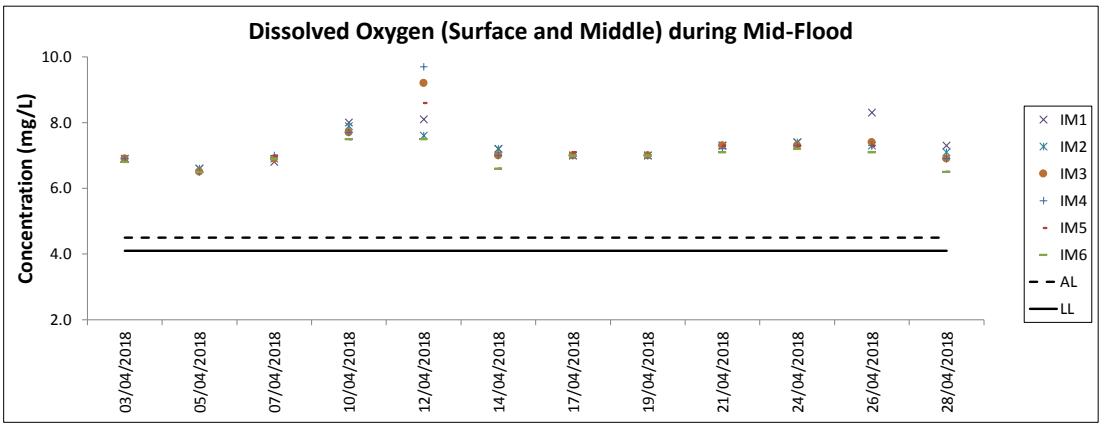
28/04/2018
C1
C2
C3
SR2
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
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17/04/2018
19/04/2018
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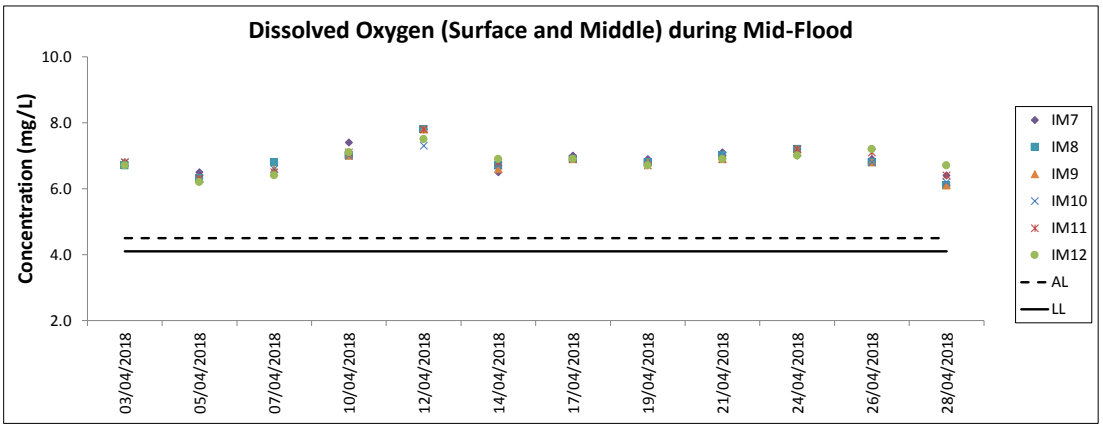
26/04/2018
28/04/2018
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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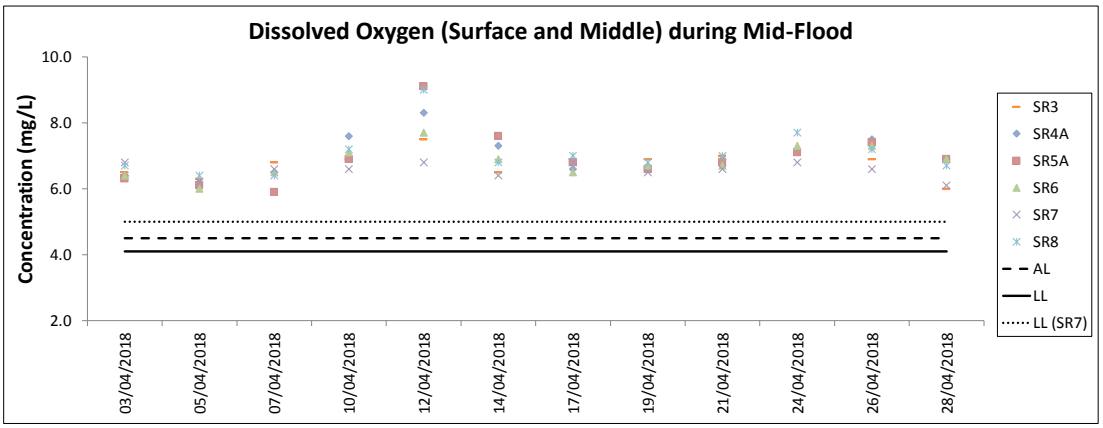
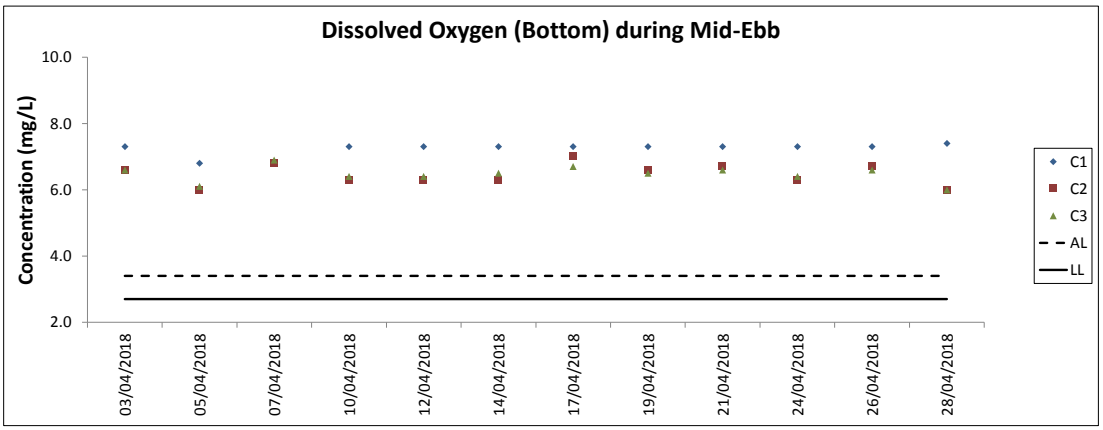
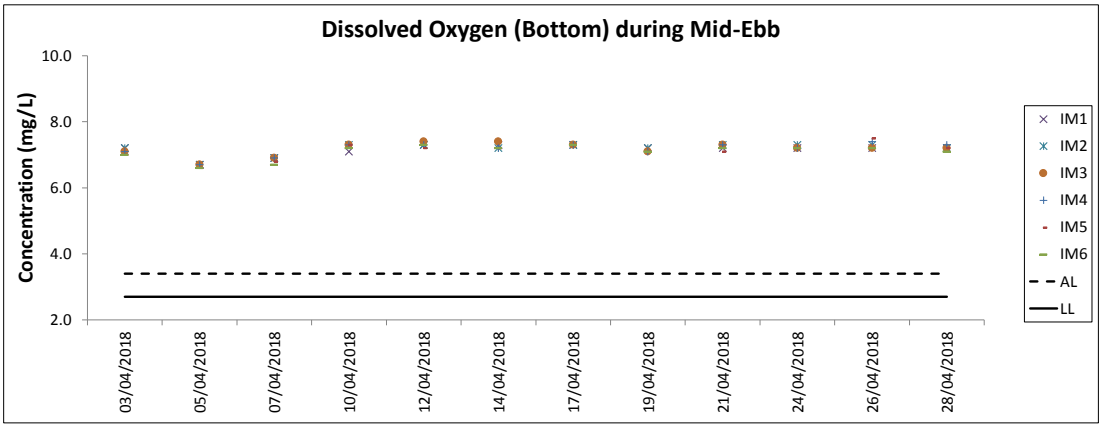
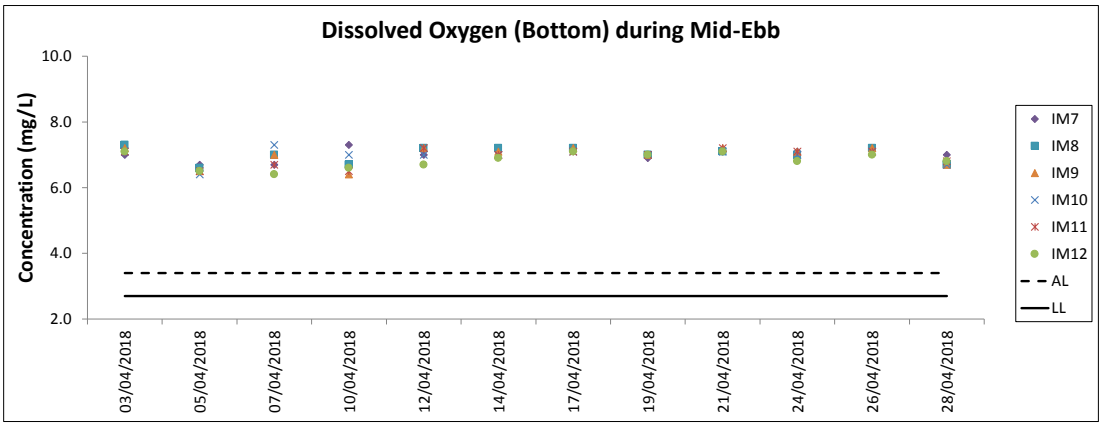
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
21/04/2018
24/04/2018
26/04/2018
28/04/2018
IM7
IM8
IM9
IM10
IM11
IM12
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
21/04/2018
24/04/2018
26/04/2018
28/04/2018
SR3
SR4A
SR5A
SR6
SR7
SR8
AL
LL
LL (SR7)


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
21/04/2018
24/04/2018
26/04/2018
28/04/2018
C1
C2
C3
AL
LL


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
21/04/2018
24/04/2018
26/04/2018
28/04/2018
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
21/04/2018
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26/04/2018
28/04/2018
IM7
IM8
IM9
IM10
IM11
IM12
AL
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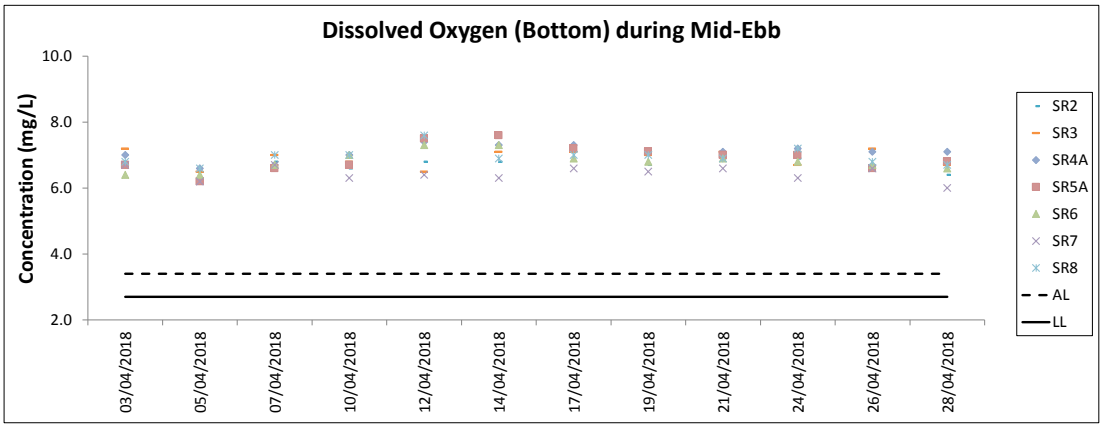
Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
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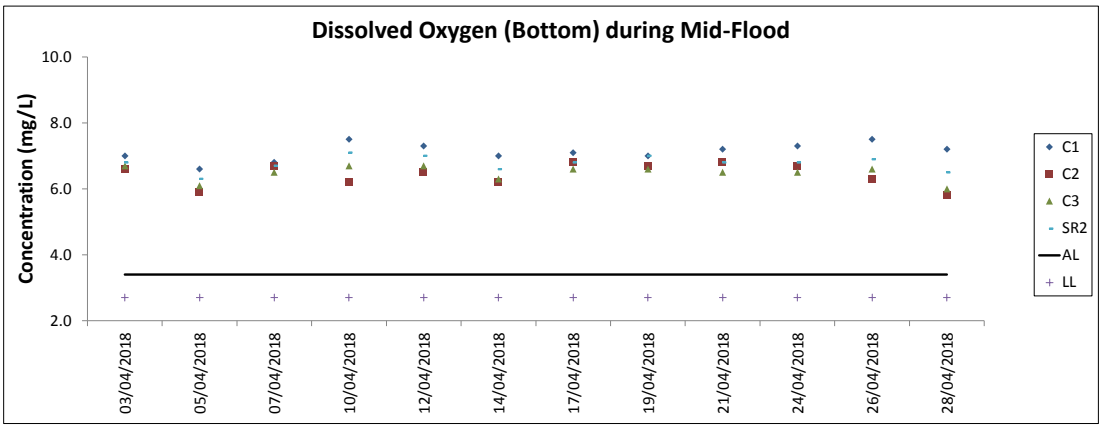
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
21/04/2018
24/04/2018
26/04/2018
28/04/2018
SR2
SR3
SR4A
SR5A
SR6
SR7
SR8
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
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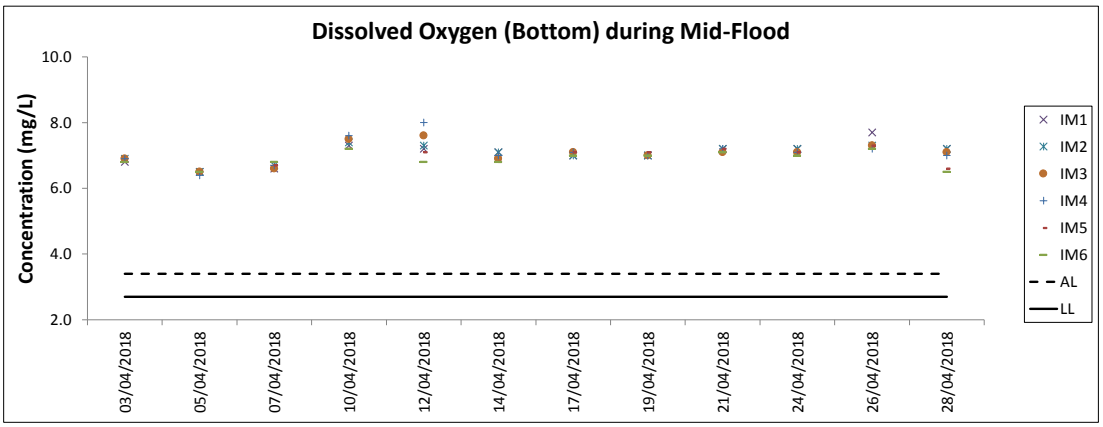
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
21/04/2018
24/04/2018
26/04/2018
28/04/2018
C1
C2
C3
SR2
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
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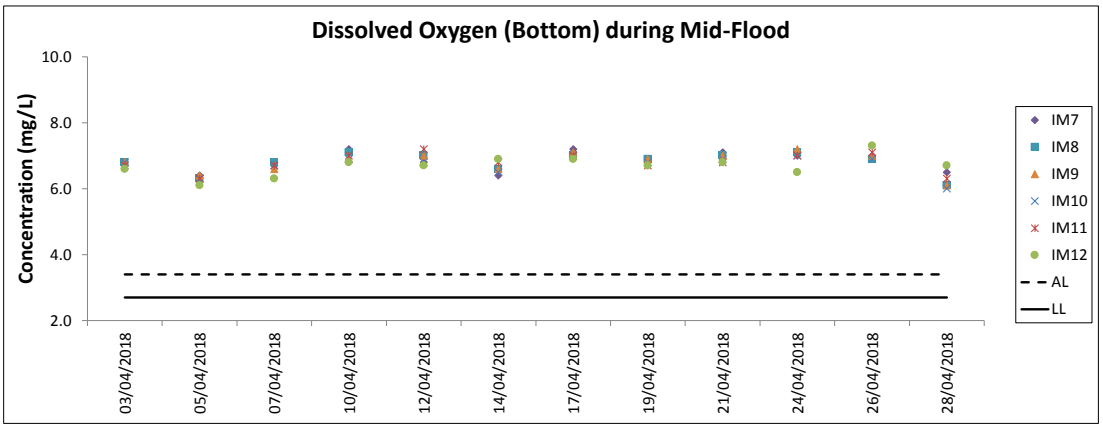
IM6
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
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IM8
IM9
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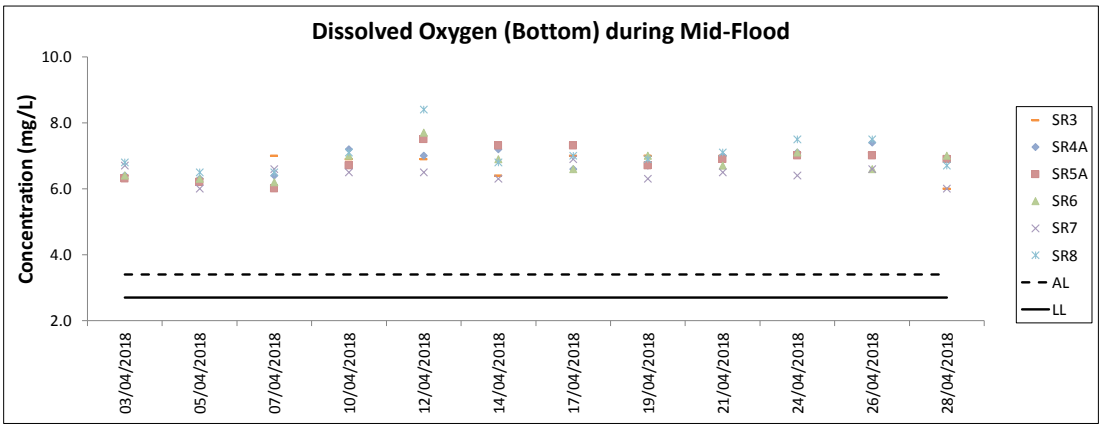
IM11
IM12
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
10.0
8.0
6.0
4.0
2.0
03/04/2018
05/04/2018
07/04/2018
10/04/2018
12/04/2018
14/04/2018
17/04/2018
19/04/2018
21/04/2018
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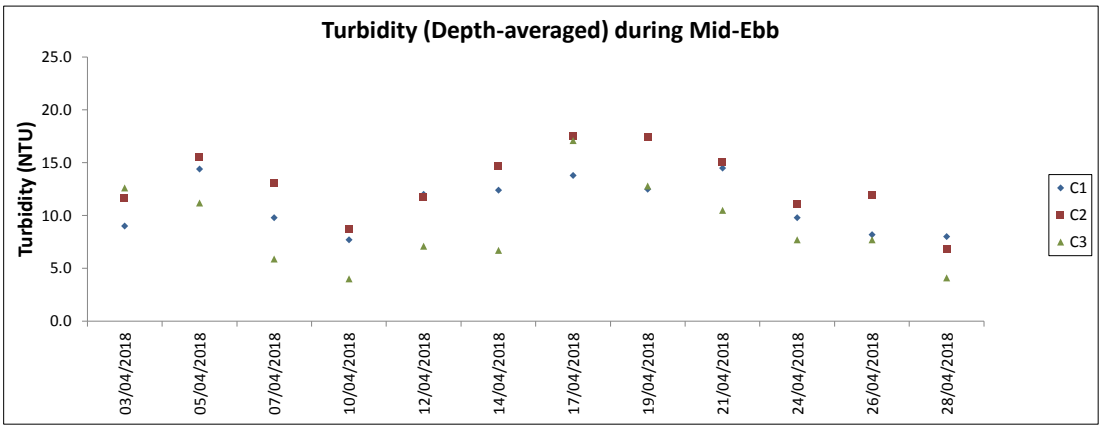
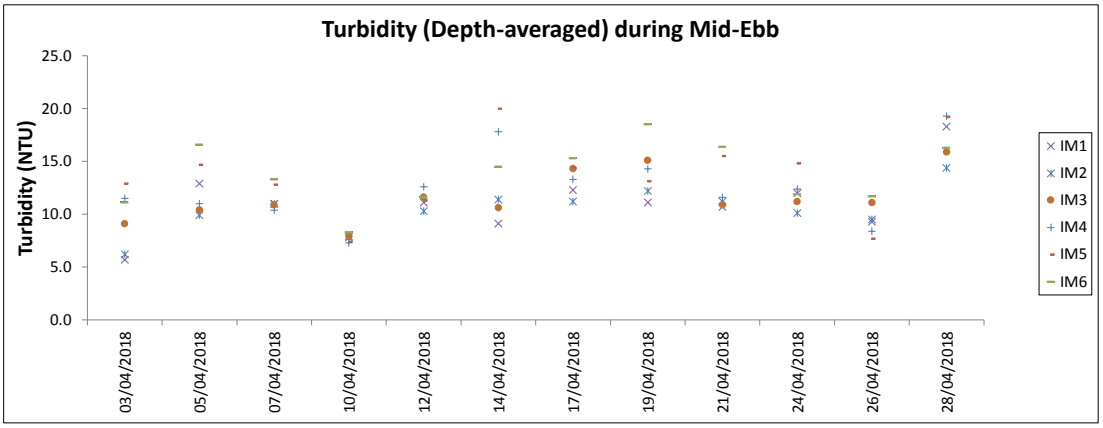
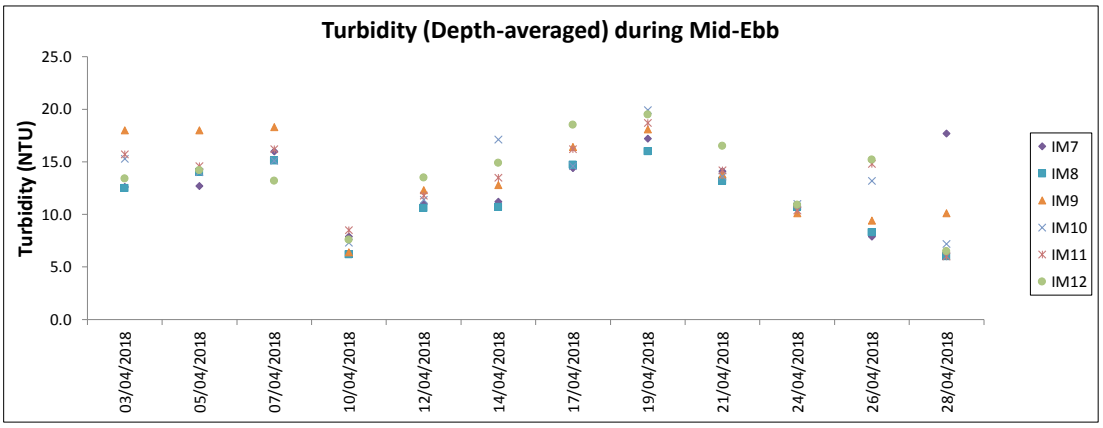
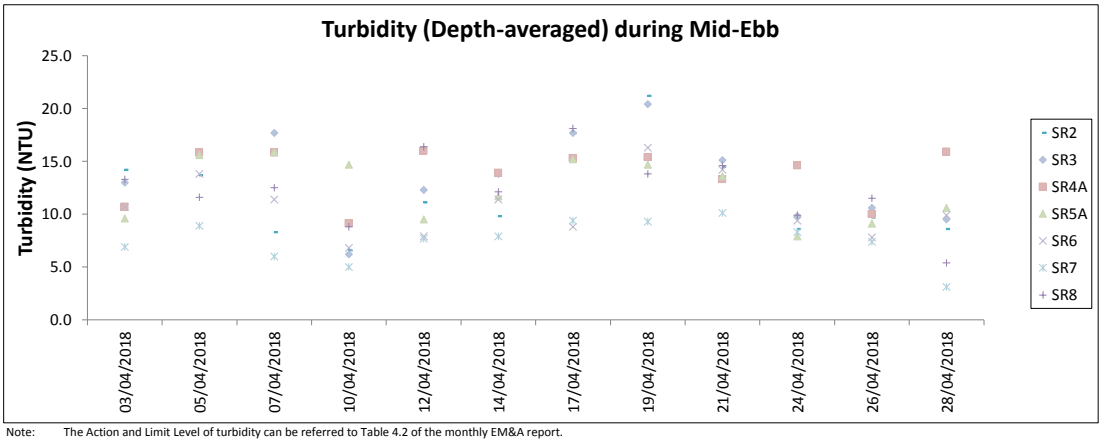
26/04/2018
28/04/2018
SR3
SR4A
SR5A
SR6
SR7
SR8
AL
LL

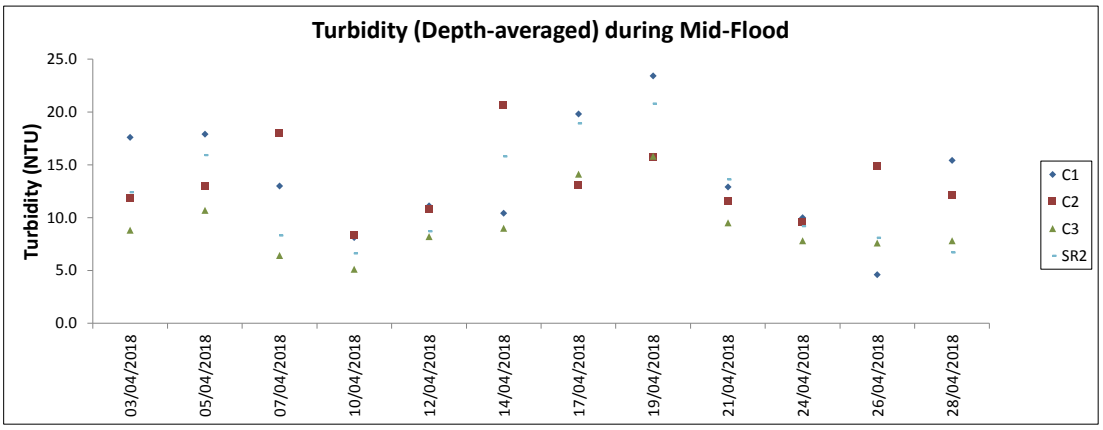


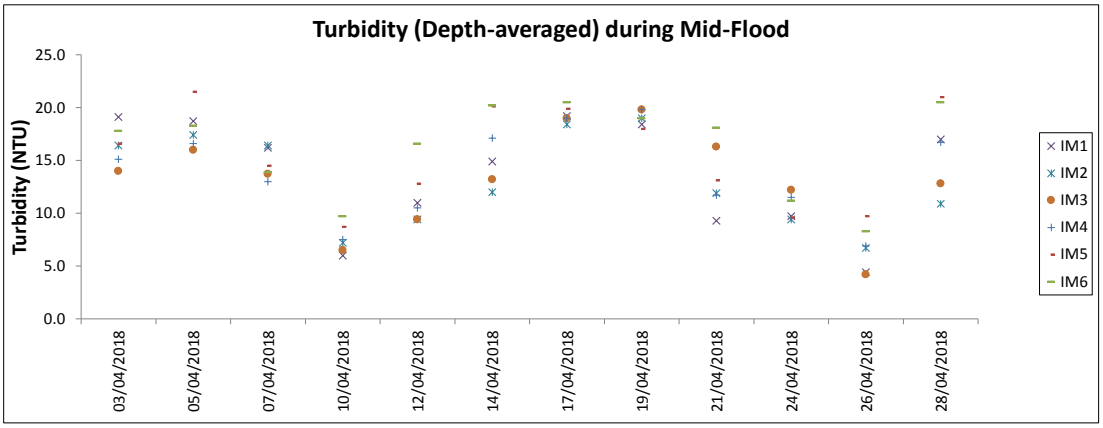


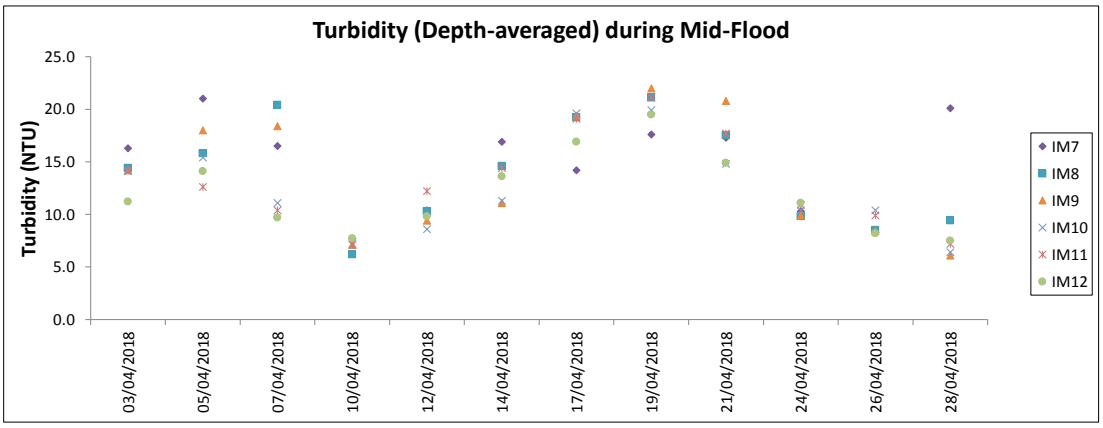


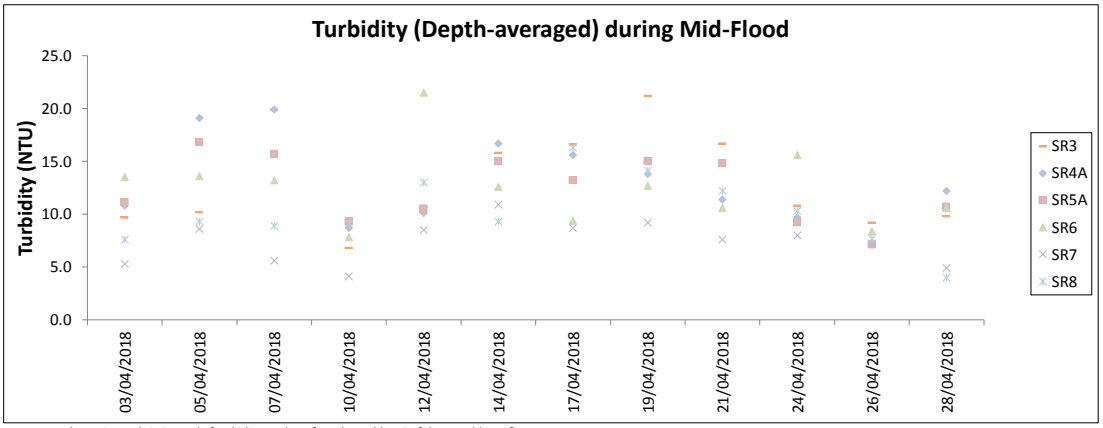


Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.

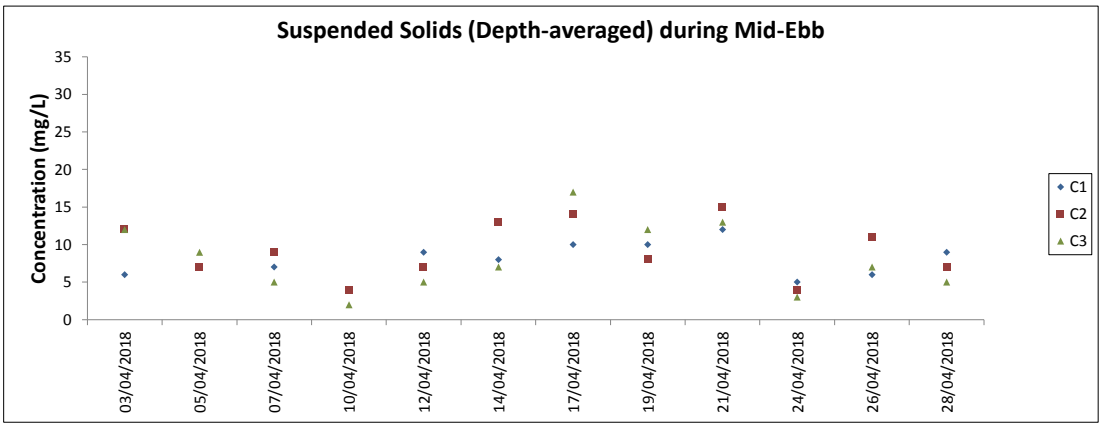


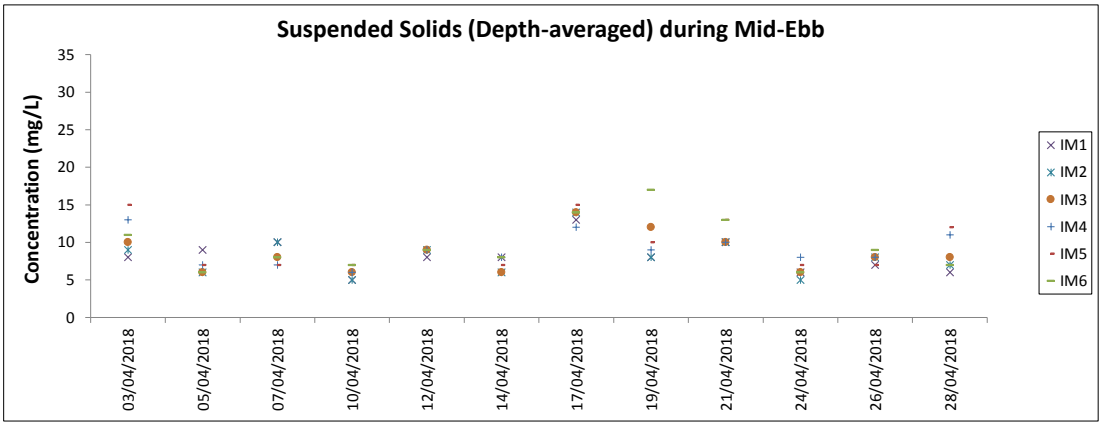


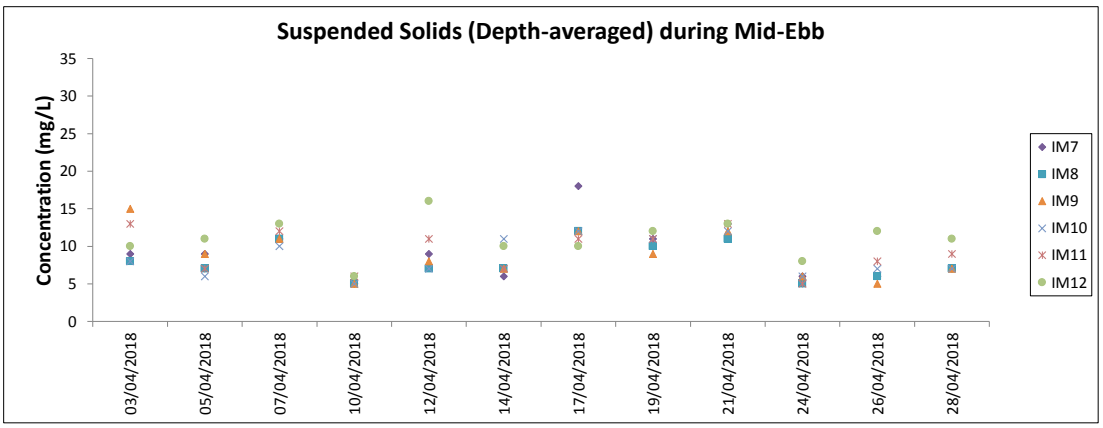


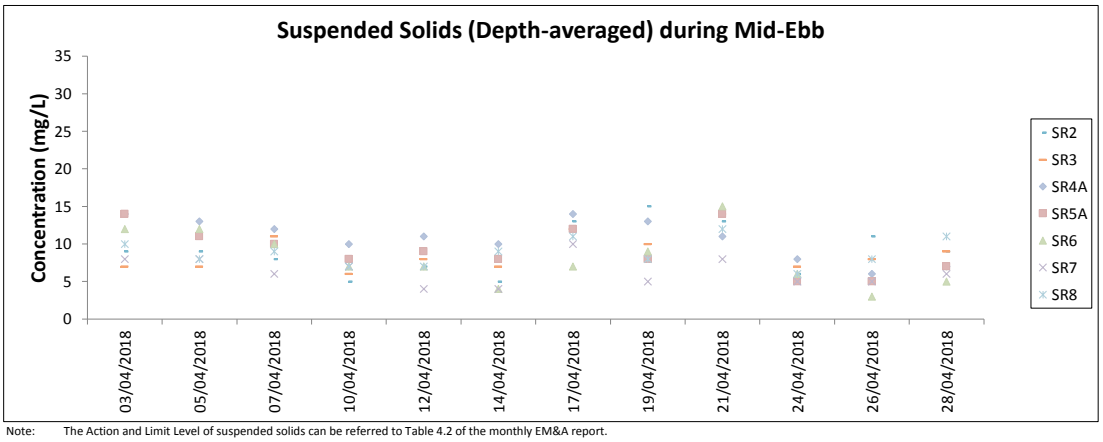


Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.

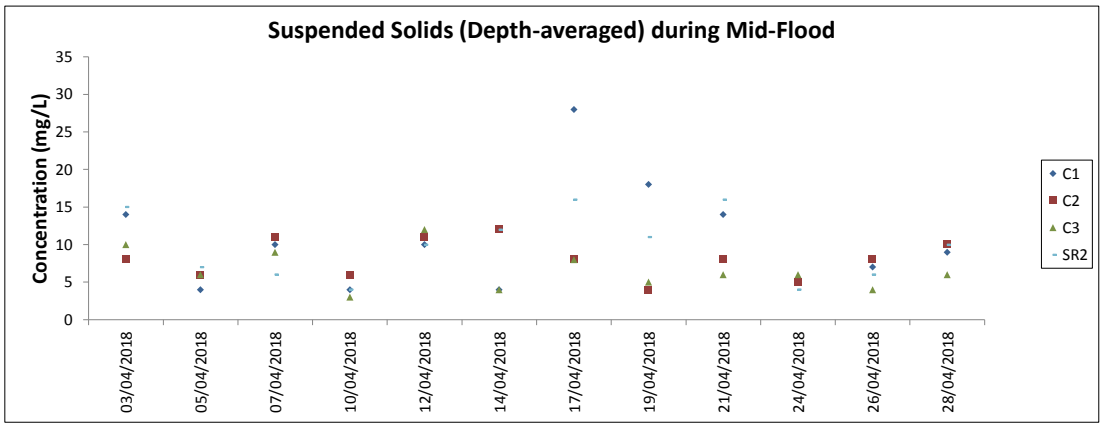


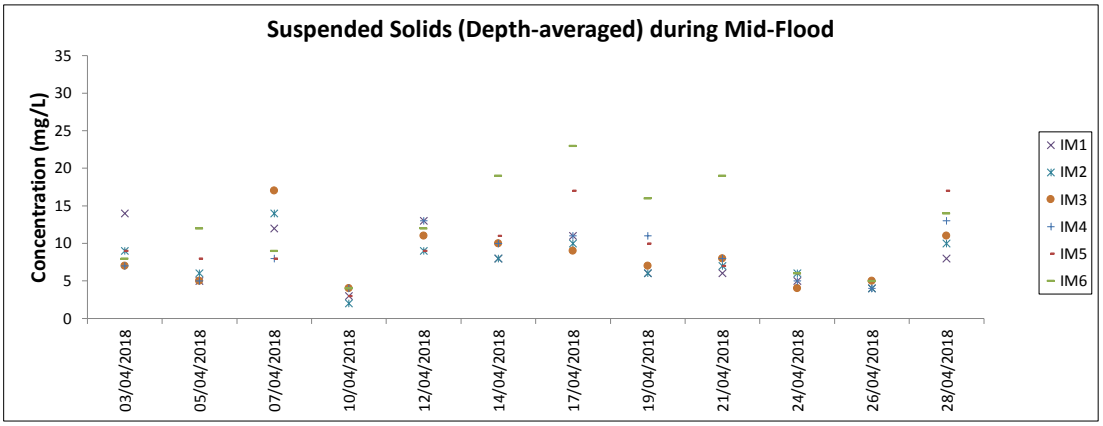


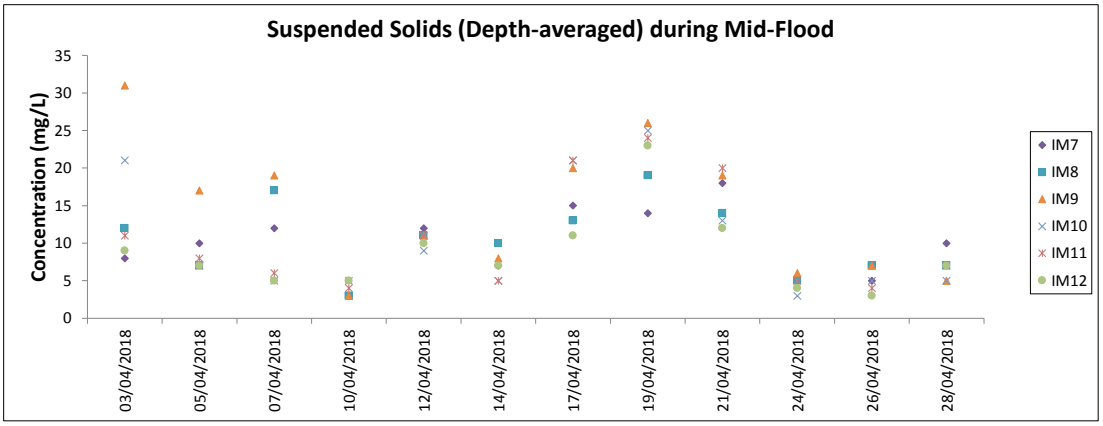


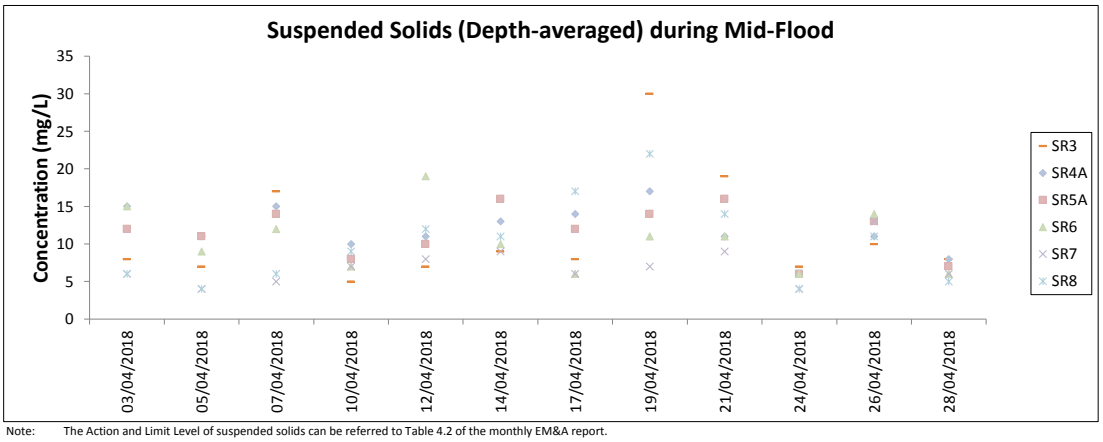


Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.

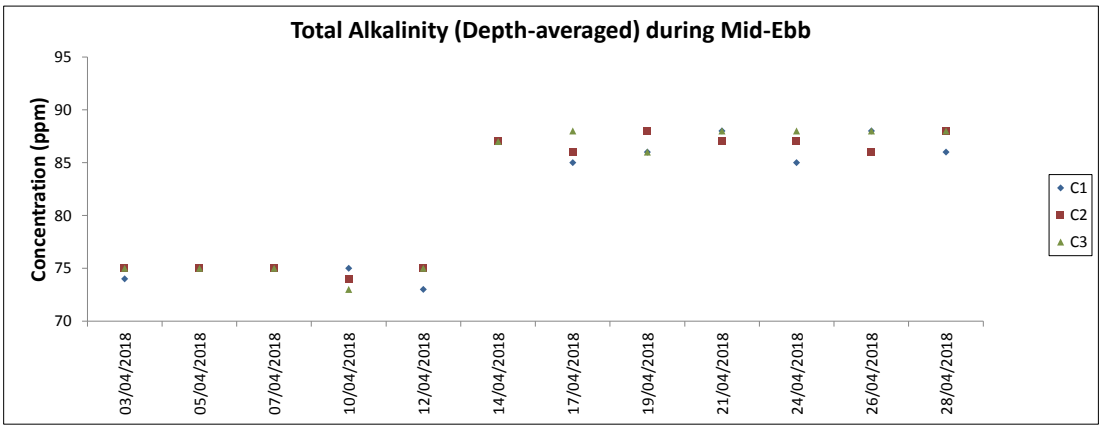


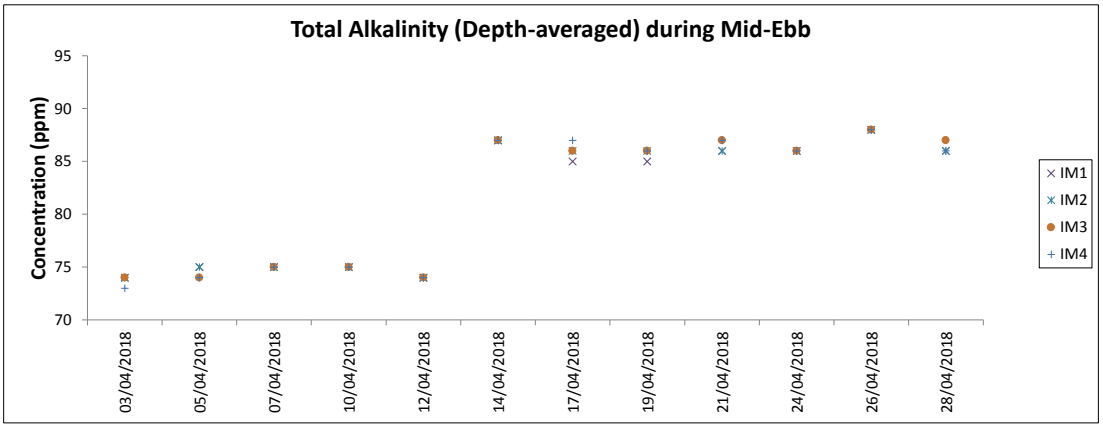


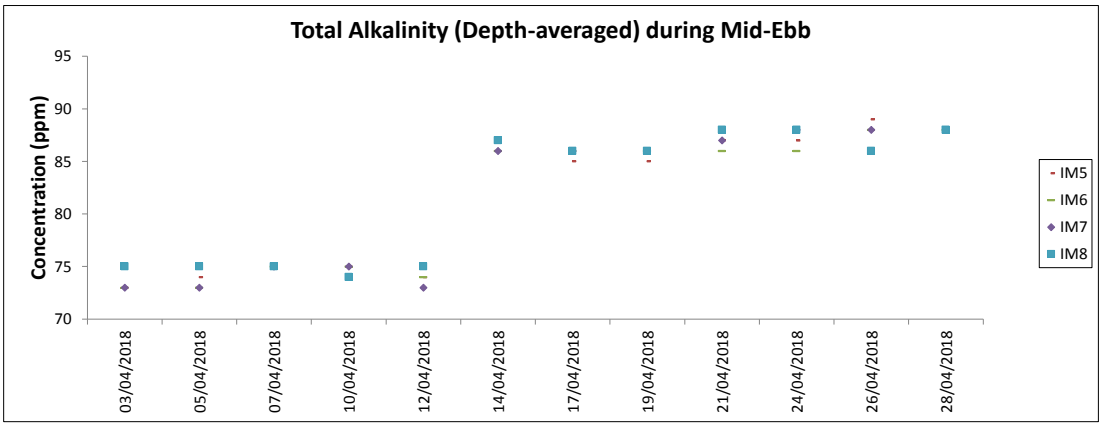


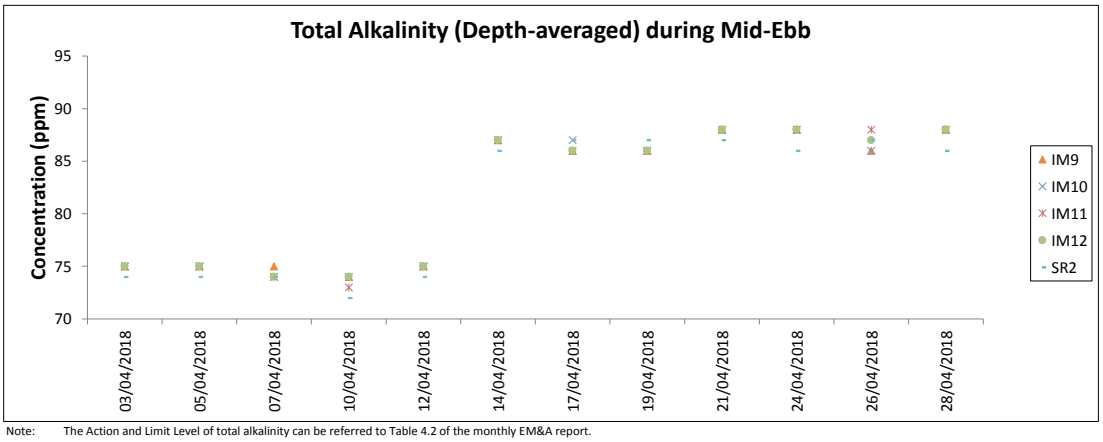


Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.

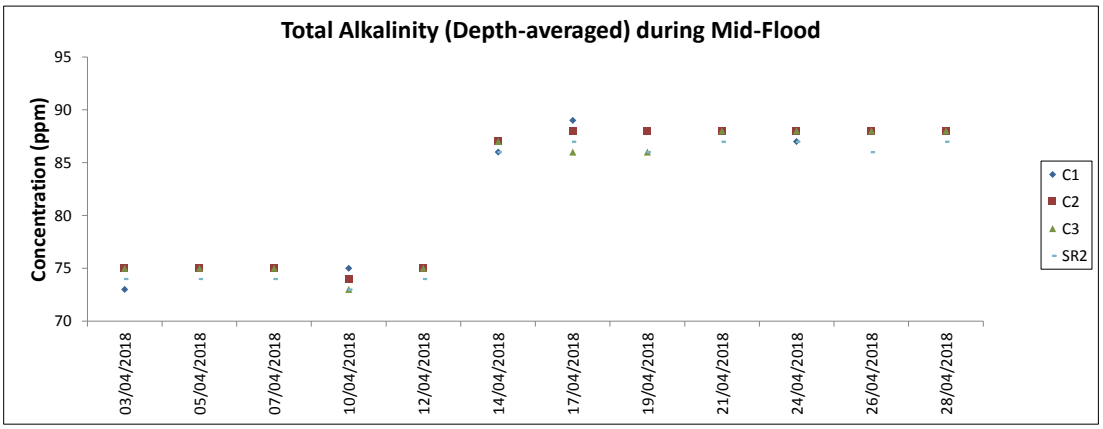


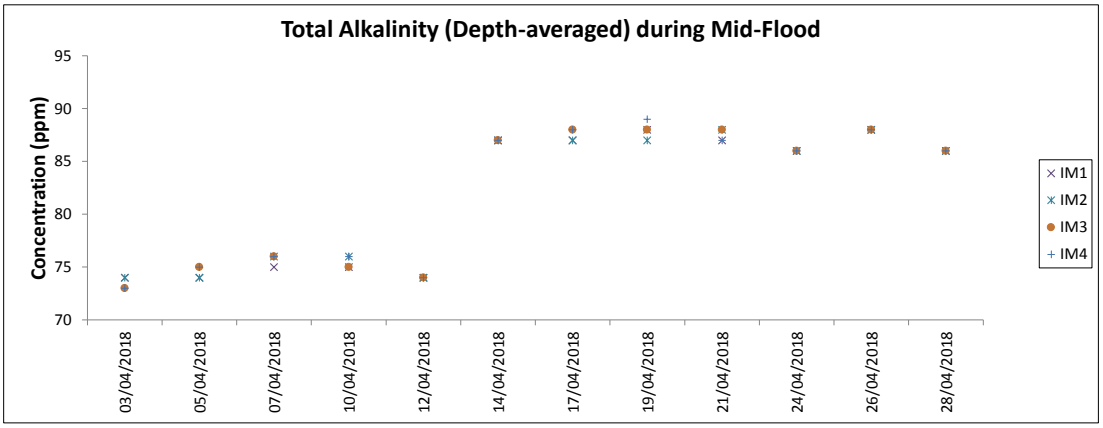


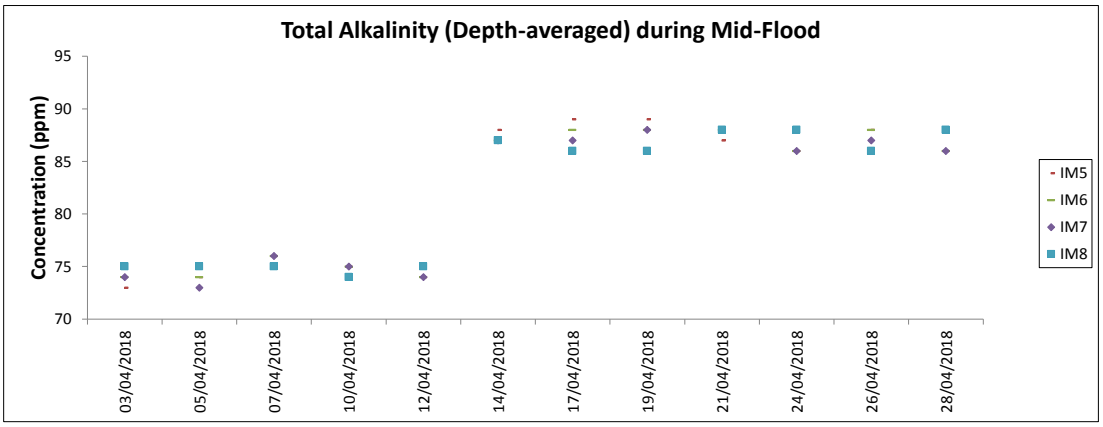


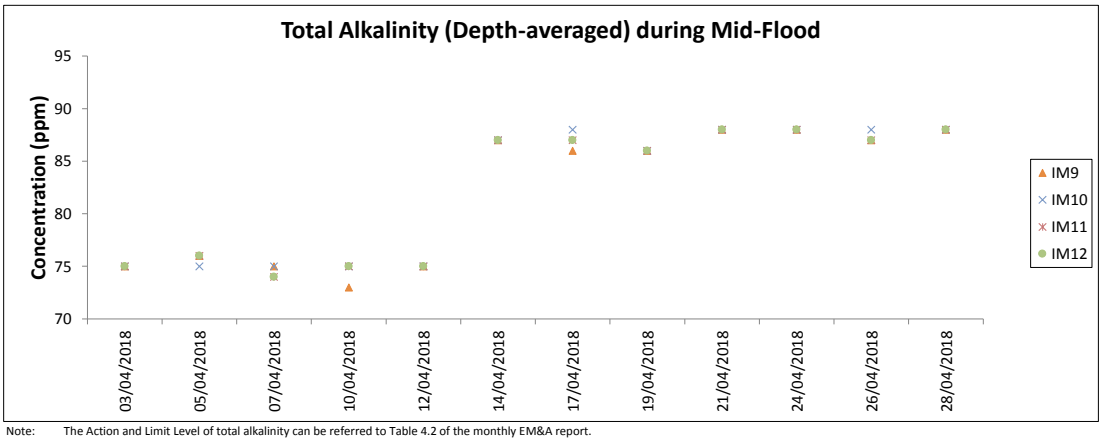


Note: The Action and Limit Level of total alkalinity can be referred to Table 4.2 of the monthly EM&A report.

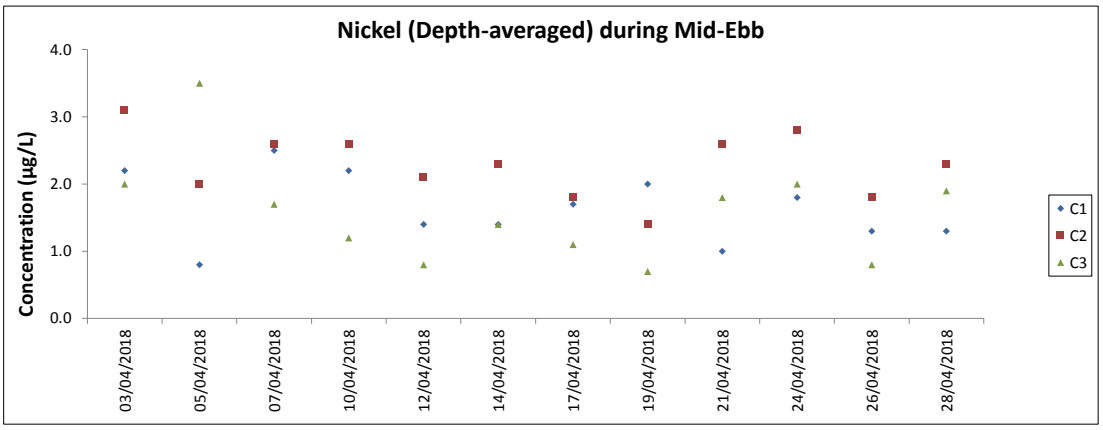


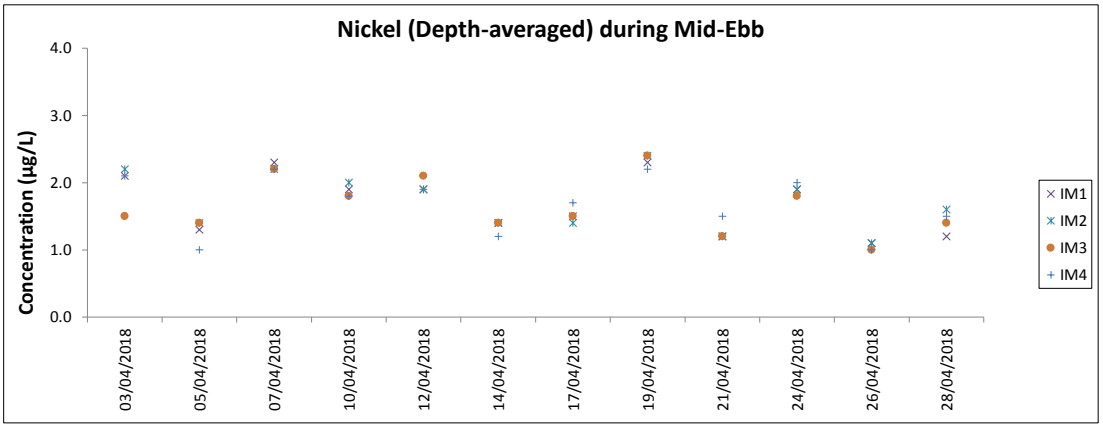


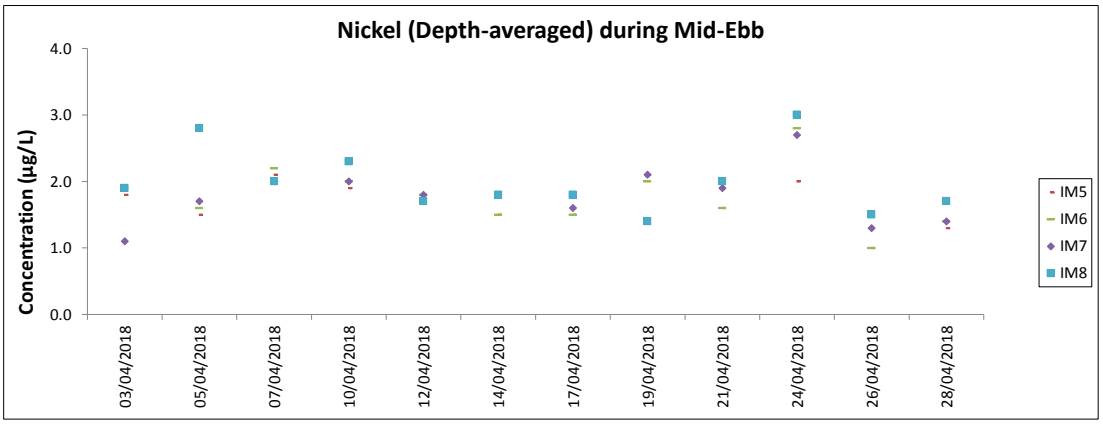


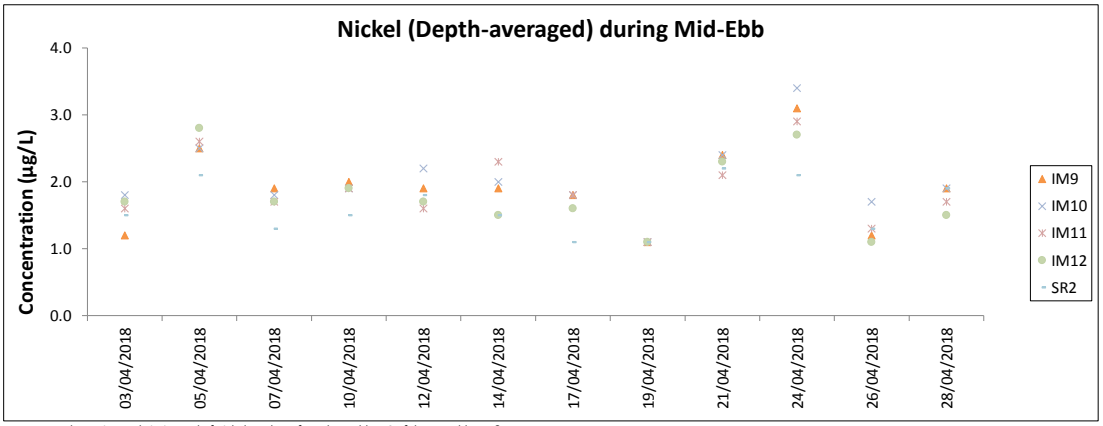


Note: The Action and Limit Level of total alkalinity can be referred to Table 4.2 of the monthly EM&A report.

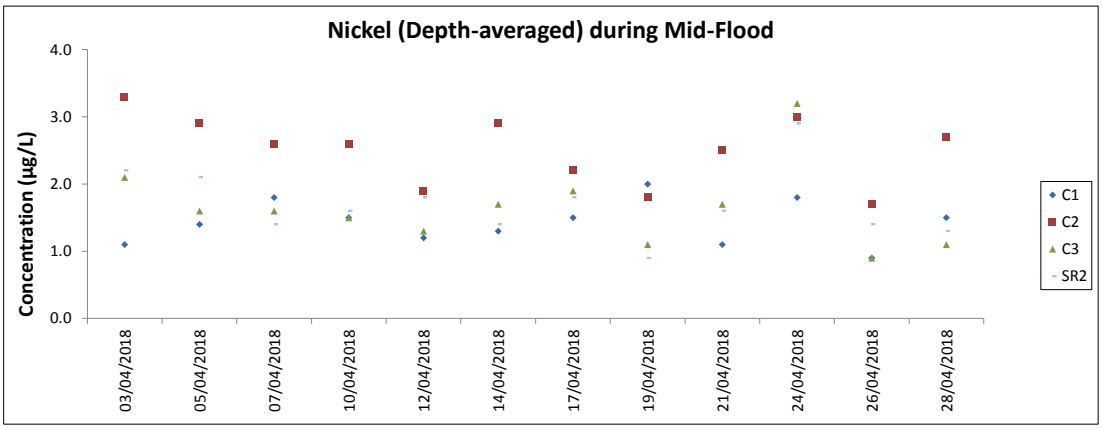


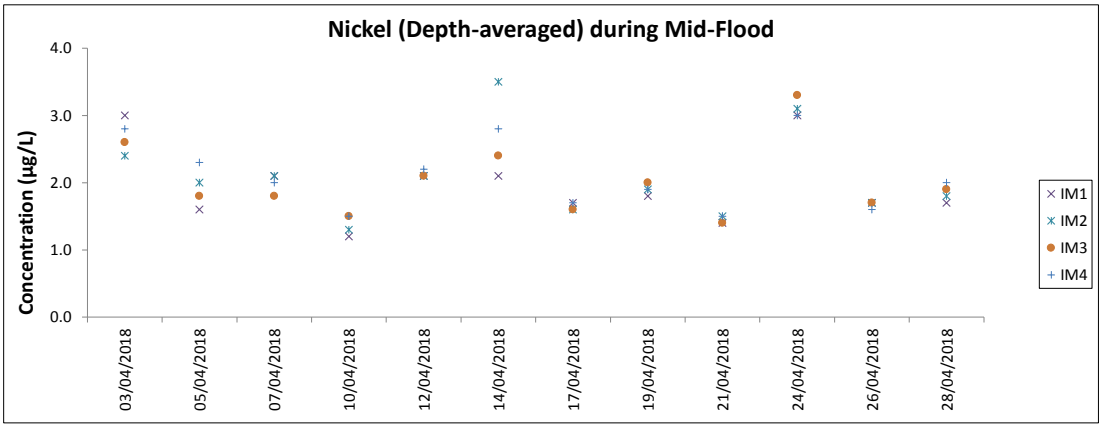


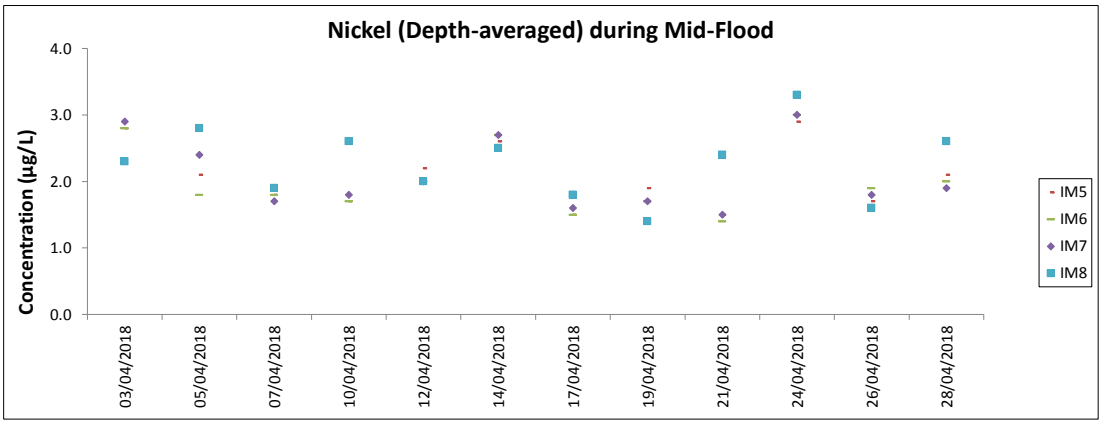


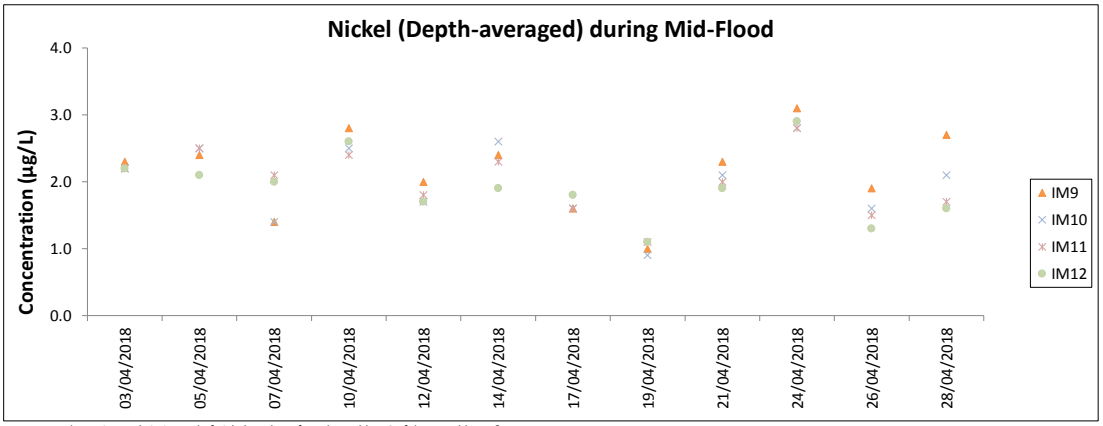


Note: The Action and Limit Level of nickel can be referred to Table 4.2 of the monthly EM&A report.
All chromium results in the reporting period was below the reporting limit 0.2 µg/L.









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 was 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
06-Feb-18	NWL	2	10.500	WINTER	32166	3RS ET
06-Feb-18	NWL	3	51.794	WINTER	32166	3RS ET
06-Feb-18	NWL	4	13.389	WINTER	32166	3RS ET
07-Feb-18	NEL	1	9.800	WINTER	32166	3RS ET
07-Feb-18	NEL	2	37.100	WINTER	32166	3RS ET
12-Feb-18	NWL	2	7.850	WINTER	32166	3RS ET
12-Feb-18	NWL	3	62.380	WINTER	32166	3RS ET
12-Feb-18	NWL	4	4.890	WINTER	32166	3RS ET
13-Feb-18	AW	2	4.800	WINTER	32166	3RS ET
13-Feb-18	WL	2	17.744	WINTER	32166	3RS ET
13-Feb-18	WL	3	9.140	WINTER	32166	3RS ET
13-Feb-18	WL	4	5.970	WINTER	32166	3RS ET
13-Feb-18	SWL	5	6.830	WINTER	32166	3RS ET
14-Feb-18	AW	2	4.620	WINTER	32166	3RS ET
14-Feb-18	WL	2	27.499	WINTER	32166	3RS ET
14-Feb-18	WL	3	2.810	WINTER	32166	3RS ET
14-Feb-18	WL	4	1.420	WINTER	32166	3RS ET
14-Feb-18	SWL	4	6.860	WINTER	32166	3RS ET
21-Feb-18	SWL	2	28.770	WINTER	32166	3RS ET
21-Feb-18	SWL	3	25.830	WINTER	32166	3RS ET
21-Feb-18	SWL	4	7.600	WINTER	32166	3RS ET
22-Feb-18	NEL	2	8.700	WINTER	32166	3RS ET
22-Feb-18	NEL	3	36.900	WINTER	32166	3RS ET
22-Feb-18	NEL	4	1.300	WINTER	32166	3RS ET
23-Feb-18	SWL	2	1.640	WINTER	32166	3RS ET
23-Feb-18	SWL	3	60.860	WINTER	32166	3RS ET
05-Mar-18	SWL	1	40.540	SPRING	32166	3RS ET
05-Mar-18	SWL	2	21.840	SPRING	32166	3RS ET
07-Mar-18	NEL	2	6.660	SPRING	32166	3RS ET
07-Mar-18	NEL	3	29.130	SPRING	32166	3RS ET
07-Mar-18	NEL	4	11.510	SPRING	32166	3RS ET
08-Mar-18	NEL	2	25.549	SPRING	32166	3RS ET
08-Mar-18	NEL	3	21.251	SPRING	32166	3RS ET
12-Mar-18	AW	2	1.070	SPRING	32166	3RS ET
12-Mar-18	AW	3	3.660	SPRING	32166	3RS ET
12-Mar-18	WL	2	32.876	SPRING	32166	3RS ET
12-Mar-18	WL	3	0.550	SPRING	32166	3RS ET
12-Mar-18	SWL	2	1.970	SPRING	32166	3RS ET
12-Mar-18	SWL	3	14.329	SPRING	32166	3RS ET
12-Mar-18	SWL	4	2.130	SPRING	32166	3RS ET
13-Mar-18	AW	1	4.700	SPRING	32166	3RS ET
13-Mar-18	WL	2	22.370	SPRING	32166	3RS ET
13-Mar-18	WL	3	9.417	SPRING	32166	3RS ET
13-Mar-18	WL	4	1.643	SPRING	32166	3RS ET
13-Mar-18	SWL	3	6.820	SPRING	32166	3RS ET
14-Mar-18	NWL	2	59.690	SPRING	32166	3RS ET
14-Mar-18	NWL	3	14.666	SPRING	32166	3RS ET

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE
21-Mar-18	SWL	2	16.139	SPRING	32166	3RS ET
21-Mar-18	SWL	3	10.311	SPRING	32166	3RS ET
21-Mar-18	SWL	4	23.030	SPRING	32166	3RS ET
22-Mar-18	NWL	2	34.844	SPRING	32166	3RS ET
22-Mar-18	NWL	3	37.876	SPRING	32166	3RS ET
03-Apr-18	SWL	1	14.910	SPRING	32166	3RS ET
03-Apr-18	SWL	2	45.610	SPRING	32166	3RS ET
03-Apr-18	SWL	3	2.000	SPRING	32166	3RS ET
04-Apr-18	SWL	1	31.340	SPRING	32166	3RS ET
04-Apr-18	SWL	2	28.140	SPRING	32166	3RS ET
04-Apr-18	SWL	3	2.610	SPRING	32166	3RS ET
11-Apr-18	AW	2	4.770	SPRING	32166	3RS ET
11-Apr-18	WL	2	14.970	SPRING	32166	3RS ET
11-Apr-18	WL	3	16.070	SPRING	32166	3RS ET
11-Apr-18	SWL	2	2.140	SPRING	32166	3RS ET
11-Apr-18	SWL	3	4.680	SPRING	32166	3RS ET
12-Apr-18	AW	2	3.530	SPRING	32166	3RS ET
12-Apr-18	AW	3	1.280	SPRING	32166	3RS ET
12-Apr-18	WL	2	12.481	SPRING	32166	3RS ET
12-Apr-18	WL	3	18.889	SPRING	32166	3RS ET
12-Apr-18	SWL	2	6.735	SPRING	32166	3RS ET
18-Apr-18	NEL	2	30.140	SPRING	32166	3RS ET
18-Apr-18	NEL	3	17.060	SPRING	32166	3RS ET
19-Apr-18	NWL	2	15.530	SPRING	32166	3RS ET
19-Apr-18	NWL	3	53.430	SPRING	32166	3RS ET
19-Apr-18	NWL	4	6.030	SPRING	32166	3RS ET
23-Apr-18	NWL	2	39.210	SPRING	32166	3RS ET
23-Apr-18	NWL	3	31.250	SPRING	32166	3RS ET
23-Apr-18	NWL	4	4.500	SPRING	32166	3RS ET
27-Apr-18	NEL	1	22.760	SPRING	32166	3RS ET
27-Apr-18	NEL	2	23.840	SPRING	32166	3RS ET

Notes:

CWD monitoring survey data of the two preceding survey months (i.e. February and March 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.
06-Feb-18	1	1043	CWD	2	NWL	3	N/A	OFF	3RS ET	22.2784	113.8777	WINTER	GILLNET
06-Feb-18	2	1058	CWD	1	NWL	3	80	ON	3RS ET	22.2829	113.8785	WINTER	NONE
06-Feb-18	3	1153	CWD	5	NWL	3	75	ON	3RS ET	22.3720	113.8771	WINTER	NONE
06-Feb-18	4	1523	CWD	2	NWL	2	N/A	OFF	3RS ET	22.3304	113.9495	WINTER	NONE
12-Feb-18	1	1121	CWD	2	NWL	3	76	ON	3RS ET	22.3384	113.8781	WINTER	NONE
12-Feb-18	2	1153	CWD	7	NWL	2	80	ON	3RS ET	22.3709	113.8768	WINTER	NONE
12-Feb-18	3	1240	CWD	3	NWL	3	345	ON	3RS ET	22.4121	113.8780	WINTER	NONE
12-Feb-18	4	1348	CWD	3	NWL	3	114	ON	3RS ET	22.3460	113.8981	WINTER	NONE
13-Feb-18	1	0943	CWD	3	AW	2	548	ON	3RS ET	22.2917	113.8745	WINTER	NONE
13-Feb-18	2	1011	CWD	1	AW	2	N/A	OFF	3RS ET	22.2879	113.8838	WINTER	NONE
13-Feb-18	3	1052	CWD	1	WL	2	366	ON	3RS ET	22.2686	113.8559	WINTER	NONE
13-Feb-18	4	1115	CWD	3	WL	2	475	ON	3RS ET	22.2604	113.8491	WINTER	NONE
13-Feb-18	5	1141	CWD	4	WL	2	392	ON	3RS ET	22.2604	113.8445	WINTER	NONE
13-Feb-18	6	1158	CWD	1	WL	2	47	ON	3RS ET	22.2605	113.8419	WINTER	NONE
13-Feb-18	7	1212	CWD	4	WL	2	200	ON	3RS ET	22.2504	113.8388	WINTER	NONE
13-Feb-18	8	1248	CWD	2	WL	2	456	ON	3RS ET	22.2375	113.8262	WINTER	NONE
14-Feb-18	1	0931	CWD	1	AW	2	11	ON	3RS ET	22.3019	113.8813	WINTER	NONE
14-Feb-18	2	0944	CWD	5	AW	2	638	ON	3RS ET	22.2951	113.8805	WINTER	NONE
14-Feb-18	3	1020	CWD	5	WL	2	269	ON	3RS ET	22.3031	113.8611	WINTER	NONE
14-Feb-18	4	1035	CWD	4	WL	2	231	ON	3RS ET	22.2937	113.8616	WINTER	GILLNET
14-Feb-18	5	1058	CWD	1	WL	3	761	ON	3RS ET	22.2751	113.8494	WINTER	NONE
14-Feb-18	6	1156	CWD	1	WL	2	71	ON	3RS ET	22.2415	113.8386	WINTER	NONE
14-Feb-18	7	1211	CWD	4	WL	2	6	ON	3RS ET	22.2416	113.8352	WINTER	NONE
14-Feb-18	8	1256	CWD	5	WL	2	110	ON	3RS ET	22.2140	113.8237	WINTER	NONE
23-Feb-18	1	1222	CWD	1	SWL	3	8	ON	3RS ET	22.1759	113.9072	WINTER	NONE
05-Mar-18	1	1328	FP	2	SWL	2	58	ON	3RS ET	22.1574	113.8973	SPRING	NONE
05-Mar-18	2	1338	FP	2	SWL	2	145	ON	3RS ET	22.1484	113.8941	SPRING	NONE
05-Mar-18	3	1454	FP	3	SWL	2	103	ON	3RS ET	22.1824	113.8685	SPRING	NONE
12-Mar-18	1	1146	CWD	10	WL	2	122	ON	3RS ET	22.2076	113.8396	SPRING	NONE
12-Mar-18	2	1208	CWD	2	WL	2	17	ON	3RS ET	22.2053	113.8384	SPRING	NONE
12-Mar-18	3	1412	CWD	1	SWL	3	164	ON	3RS ET	22.1995	113.8784	SPRING	NONE

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.
13-Mar-18	1	1037	CWD	2	WL	2	56	ON	3RS ET	22.2666	113.8596	SPRING	NONE
13-Mar-18	2	1128	CWD	1	WL	2	140	ON	3RS ET	22.2348	113.8251	SPRING	NONE
13-Mar-18	3	1205	CWD	5	WL	2	384	ON	3RS ET	22.2231	113.8195	SPRING	NONE
13-Mar-18	4	1244	CWD	1	WL	4	12	ON	3RS ET	22.2143	113.8273	SPRING	NONE
13-Mar-18	5	1324	CWD	1	WL	2	36	ON	3RS ET	22.1961	113.8406	SPRING	NONE
14-Mar-18	1	1000	CWD	2	NWL	2	65	ON	3RS ET	22.3539	113.8689	SPRING	NONE
14-Mar-18	2	1013	CWD	2	NWL	2	335	ON	3RS ET	22.3431	113.8687	SPRING	NONE
14-Mar-18	3	1126	CWD	2	NWL	2	N/A	OFF	3RS ET	22.3245	113.8729	SPRING	NONE
14-Mar-18	4	1208	CWD	4	NWL	2	57	ON	3RS ET	22.3912	113.8785	SPRING	NONE
14-Mar-18	5	1253	CWD	1	NWL	3	587	ON	3RS ET	22.3824	113.8888	SPRING	NONE
14-Mar-18	6	1310	CWD	2	NWL	3	13	ON	3RS ET	22.3837	113.8887	SPRING	NONE
21-Mar-18	1	1050	FP	4	SWL	2	59	ON	3RS ET	22.1486	113.9340	SPRING	NONE
21-Mar-18	2	1106	FP	1	SWL	2	201	ON	3RS ET	22.1599	113.9272	SPRING	NONE
21-Mar-18	3	1111	FP	2	SWL	2	262	ON	3RS ET	22.1658	113.9272	SPRING	NONE
21-Mar-18	4	1202	FP	1	SWL	2	30	ON	3RS ET	22.1453	113.9176	SPRING	NONE
21-Mar-18	5	1311	FP	1	SWL	4	225	ON	3RS ET	22.1641	113.8975	SPRING	NONE
22-Mar-18	1	1219	CWD	6	NWL	3	981	ON	3RS ET	22.3840	113.8774	SPRING	PURSE SEINE
22-Mar-18	2	1305	CWD	2	NWL	3	579	ON	3RS ET	22.3952	113.8893	SPRING	NONE
22-Mar-18	3	1418	CWD	1	NWL	2	50	ON	3RS ET	22.3780	113.8980	SPRING	NONE
22-Mar-18	4	1454	CWD	1	NWL	2	51	ON	3RS ET	22.3760	113.9062	SPRING	NONE
03-Apr-18	1	1048	FP	1	SWL	1	1489	ON	3RS ET	22.1788	113.9360	SPRING	NONE
03-Apr-18	2	1056	FP	2	SWL	1	192	ON	3RS ET	22.1652	113.9359	SPRING	NONE
04-Apr-18	1	1058	FP	3	SWL	1	23	ON	3RS ET	22.1556	113.9361	SPRING	NONE
04-Apr-18	2	1208	FP	2	SWL	1	116	ON	3RS ET	22.1499	113.9178	SPRING	NONE
04-Apr-18	3	1216	FP	1	SWL	1	85	ON	3RS ET	22.1415	113.9128	SPRING	NONE
04-Apr-18	4	1335	FP	5	SWL	2	176	ON	3RS ET	22.1487	113.8963	SPRING	NONE
04-Apr-18	5	1405	CWD	2	SWL	2	78	ON	3RS ET	22.2025	113.8879	SPRING	NONE
11-Apr-18	1	1034	CWD	2	WL	2	444	ON	3RS ET	22.2666	113.8595	SPRING	PURSE SEINE
11-Apr-18	2	1108	CWD	1	WL	3	117	ON	3RS ET	22.2500	113.8442	SPRING	NONE
11-Apr-18	3	1129	CWD	3	WL	3	511	ON	3RS ET	22.2414	113.8365	SPRING	SHRIMP TRAWLER
11-Apr-18	4	1226	CWD	3	WL	3	119	ON	3RS ET	22.2145	113.8315	SPRING	NONE
12-Apr-18	1	1029	CWD	2	WL	2	N/A	OFF	3RS ET	22.2601	113.8489	SPRING	NONE

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.
12-Apr-18	2	1054	CWD	6	WL	3	285	ON	3RS ET	22.2507	113.8431	SPRING	NONE
12-Apr-18	3	1130	CWD	8	WL	2	18	ON	3RS ET	22.2416	113.8367	SPRING	NONE
12-Apr-18	4	1201	CWD	3	WL	3	136	ON	3RS ET	22.2321	113.8322	SPRING	NONE
12-Apr-18	5	1242	CWD	5	WL	3	119	ON	3RS ET	22.2145	113.8317	SPRING	NONE
12-Apr-18	6	1345	CWD	1	WL	3	N/A	OFF	3RS ET	22.1919	113.8428	SPRING	NONE
12-Apr-18	7	1352	CWD	3	SWL	2	320	ON	3RS ET	22.1928	113.8491	SPRING	NONE
12-Apr-18	8	1421	CWD	1	SWL	2	21	ON	3RS ET	22.1684	113.8577	SPRING	NONE
19-Apr-18	1	0953	CWD	1	NWL	3	114	ON	3RS ET	22.3730	113.8693	SPRING	NONE
19-Apr-18	2	1207	CWD	1	NWL	2	15	ON	3RS ET	22.3832	113.8769	SPRING	NONE
19-Apr-18	3	1235	CWD	5	NWL	2	410	ON	3RS ET	22.4063	113.8775	SPRING	NONE
19-Apr-18	4	1316	CWD	5	NWL	2	N/A	OFF	3RS ET	22.4033	113.8881	SPRING	NONE
23-Apr-18	1	0946	CWD	6	NWL	2	413	ON	3RS ET	22.3930	113.8703	SPRING	NONE

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

Notes:

CWD monitoring survey data of the two preceding survey months (i.e. February and March 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 April 2018 encounter rates STG and ANI in the whole survey area (NEL, NWL, AW, WL, SWL):

A total of 443.375 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 15 on-effort sightings and total number of 50 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in April 2018 are shown as below:

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

$$STG = \frac{15}{443.375}\ x\ 100 = 3.38$$

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

$$ANI = \frac{50}{443.375}\ x\ 100 = 11.28$$

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

A total of 1268.370 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 53 on-effort sightings and total number of 159 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)

$$STG = \frac{53}{1268.370}\ x\ 100 = 4.18$$

Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{159}{1168.370}\ x\ 100 = 12.54$$

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

SLMM014_20180404_5_2

SLMM028_20180411_1_5

WLMM043_20180411_1_16

SLMM064_20180411_2_6

SLMM027_20180411_3_8

WLMM073_20180411_3_3

WLMM001_20180411_4_4

WLMM003_20180411_4_8

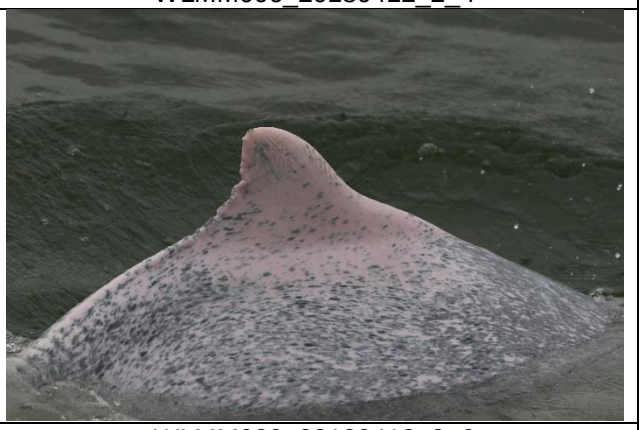
WLMM085_20180411_4_2

WLMM043_20180412_1_1

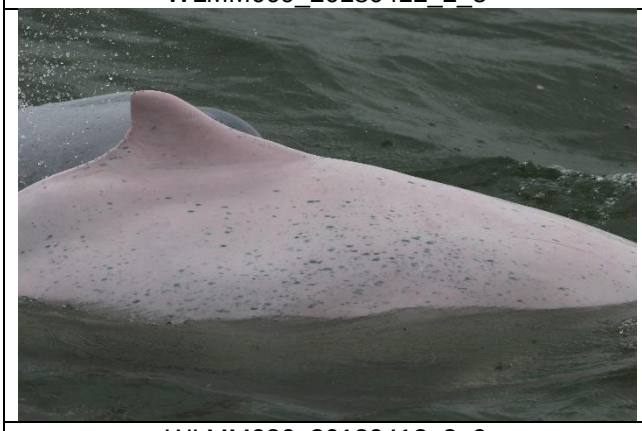
SLMM058_20180412_2_5

WLMM006_20180412_2_4

WLMM009_20180412_2_5



WLMM030_20180412_2_6



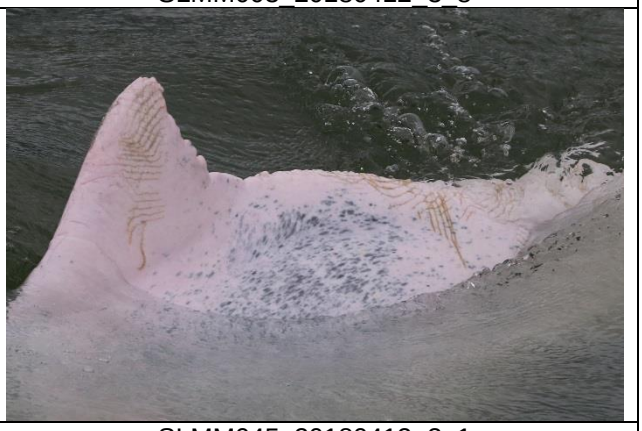
WLMM086_20180412_2_9

WLMM090_20180412_2_3

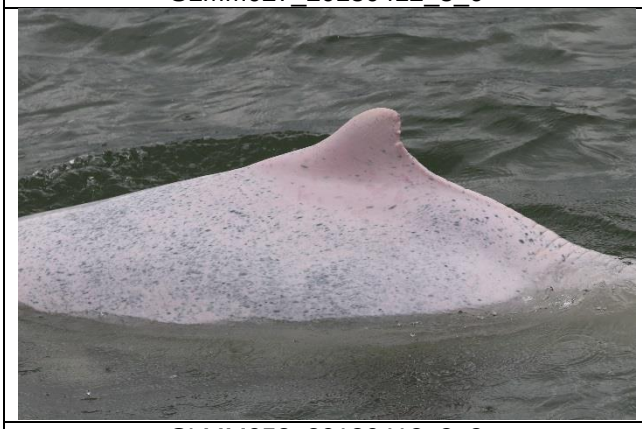
NLMM062_20180412_3_2

SLMM003_20180412_3_8

SLMM027_20180412_3_6



SLMM045_20180412_3_1



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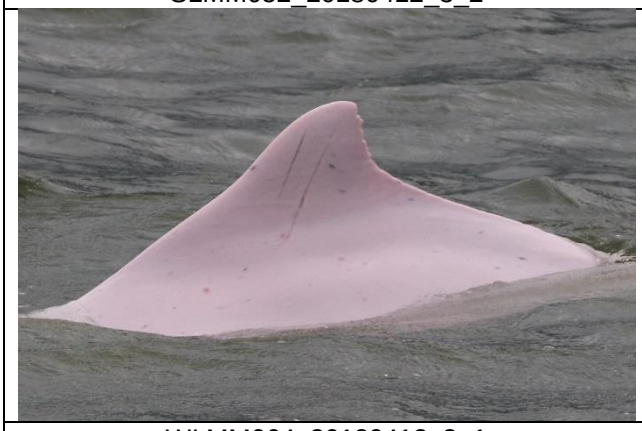
WLMM004_20180412_3_1



WLMM064_20180412_3_1

WLMM001_20180412_4_1

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WLMM069_20180412_5_3

WLMM056_20180412_7_1

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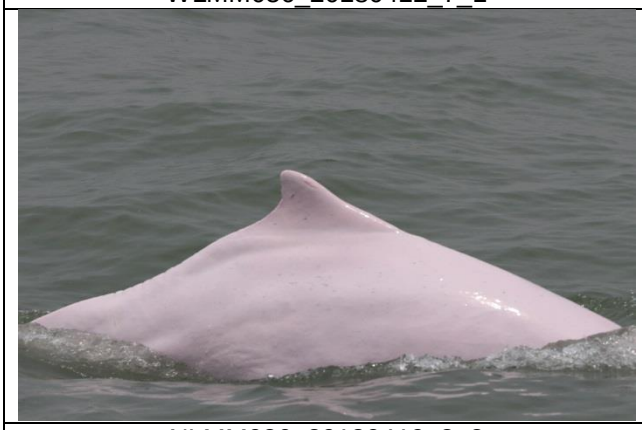
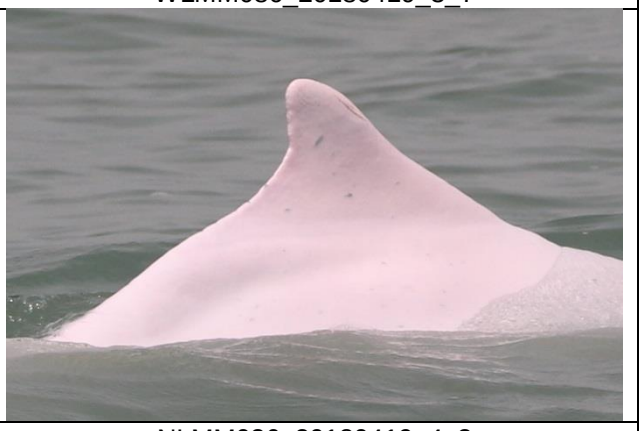


NLMM036_20180419_3_2

WLMM086_20180419_3_7

WLMM090_20180419_3_8



NLMM036_20180419_4_3

WLMM086_20180419_4_7	WLMM090_20180419_4_1_Left
NLMM004_20180423_1_4	NLMM010_20180423_1_6
NLMM037_20180423_1_6	NLMM043_20180423_1_8
NLMM063_20180423_1_6	SLMM036_20180423_1_6

CWD Land-based Theodolite Tracking Survey

CWD Groups by Survey Date

Date	Station	Start Time	End Time	Duration	Beaufort Range	Visibility	No. of Focal Follow Dolphin Groups Tracked	Dolphin Group Size Range
13/April/18	Lung Kwu Chau	8:53	14:53	6:00	2-3	2	2	2
19/April/18	Lung Kwu Chau	8:43	14:43	6:00	2	2	6	1-2
20/April/18	Sha Chau	8:48	14:48	6:00	2-4	2-3	0	N/A
23/April/18	Lung Kwu Chau	8:51	14:51	6:00	2	2	3	2-4
26/April/18	Sha Chau	8:49	14:49	6:00	2-3	3	0	N/A

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