Appendix C. Monitoring Results

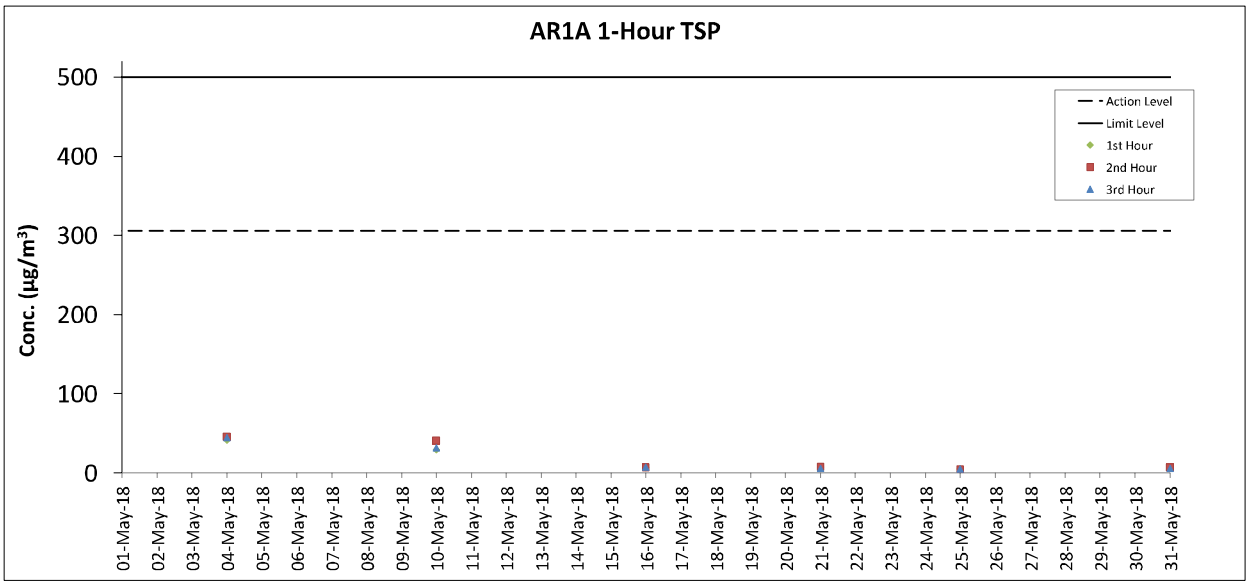
Air Quality Monitoring Results

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)
04-May-18	13:00	Fine	8.4	195	42	306	500
04-May-18	14:00	Fine	6.9	206	46	306	500
04-May-18	15:00	Fine	8.8	102	45	306	500
10-May-18	13:00	Cloudy	11.1	195	30	306	500
10-May-18	14:00	Cloudy	11.6	206	41	306	500
10-May-18	15:00	Cloudy	11.8	101	32	306	500
16-May-18	13:00	Sunny	3.7	195	7	306	500
16-May-18	14:00	Sunny	5.0	206	7	306	500
16-May-18	15:00	Sunny	2.5	211	8	306	500
21-May-18	13:00	Sunny	5.8	195	8	306	500
21-May-18	14:00	Sunny	4.9	206	8	306	500
21-May-18	15:00	Sunny	2.9	357	6	306	500
25-May-18	13:00	Sunny	6.4	195	5	306	500
25-May-18	14:00	Sunny	4.6	206	5	306	500
25-May-18	15:00	Sunny	6.4	217	5	306	500
31-May-18	13:00	Sunny	4.1	195	8	306	500
31-May-18	14:00	Sunny	5.5	206	7	306	500
31-May-18	15:00	Sunny	6.6	243	6	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)
04-May-18	09:00	Fine	8.2	195	142	298	500
04-May-18	10:00	Fine	9.4	206	134	298	500
04-May-18	11:00	Fine	9.9	93	139	298	500
10-May-18	08:53	Cloudy	11.6	195	43	298	500
10-May-18	09:53	Cloudy	10.6	206	50	298	500
10-May-18	10:53	Cloudy	11.6	103	41	298	500
16-May-18	09:00	Sunny	4.5	195	47	298	500
16-May-18	10:00	Sunny	4.6	206	55	298	500
16-May-18	11:00	Sunny	4.6	148	59	298	500
21-May-18	09:00	Sunny	1.7	195	52	298	500
21-May-18	10:00	Sunny	1.9	206	56	298	500
21-May-18	11:00	Sunny	3.1	298	59	298	500
25-May-18	09:00	Sunny	2.4	195	27	298	500
25-May-18	10:00	Sunny	4.4	206	26	298	500
25-May-18	11:00	Sunny	3.8	163	24	298	500
31-May-18	09:00	Sunny	3.3	195	48	298	500
31-May-18	10:00	Sunny	3.9	206	52	298	500
31-May-18	11:00	Sunny	3.0	279	59	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-May-18
02-May-18
03-May-18
04-May-18
05-May-18
06-May-18
07-May-18
08-May-18
09-May-18
10-May-18
11-May-18
12-May-18
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22-May-18
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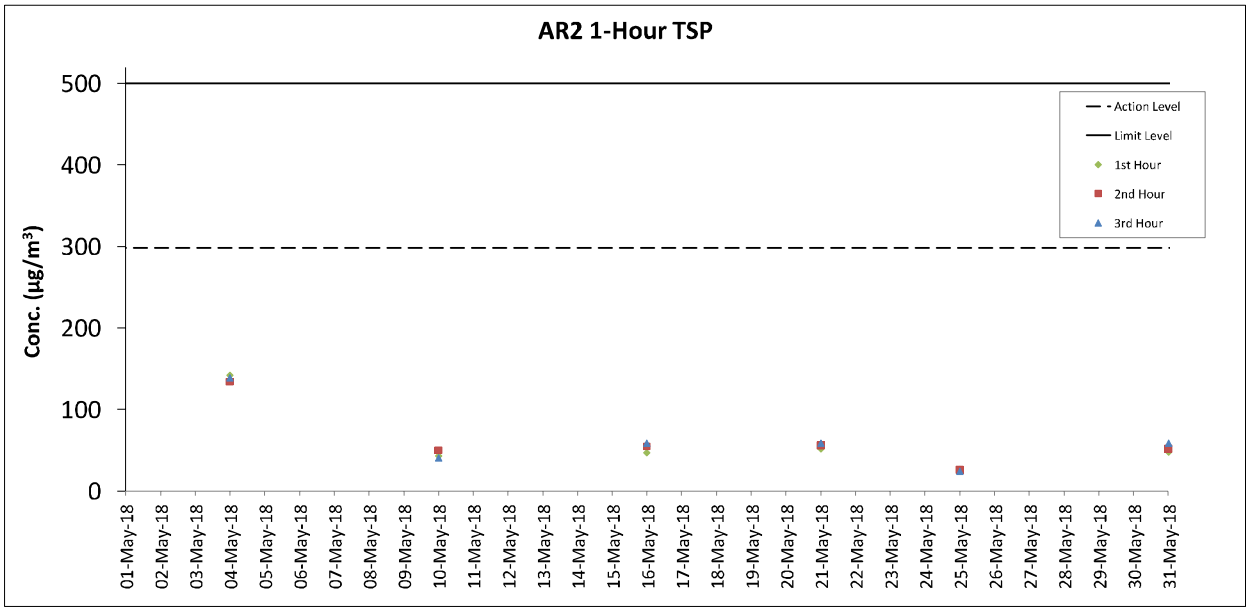
25-May-18
26-May-18
27-May-18
28-May-18
29-May-18
30-May-18
31-May-18


AR2 1-Hour TSP
Conc. (µg/m³)
500
400
300
200
100
0
Action Level
Limit Level
1st Hour
2nd Hour
3rd Hour
01-May-18
02-May-18
03-May-18
04-May-18
05-May-18
06-May-18
07-May-18
08-May-18
09-May-18
10-May-18
11-May-18
12-May-18
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23-May-18
24-May-18
25-May-18
26-May-18
27-May-18
28-May-18
29-May-18
30-May-18
31-May-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)
10-May-18	Cloudy	13:20	72.5	56.0	72
10-May-18	Cloudy	13:25	72.5	56.5	
10-May-18	Cloudy	13:30	73.5	57.0	
10-May-18	Cloudy	13:35	73.0	57.0	
10-May-18	Cloudy	13:40	72.5	58.5	
10-May-18	Cloudy	13:45	72.0	57.5	
16-May-18	Sunny	13:14	72.0	55.0	72
16-May-18	Sunny	13:19	71.5	53.5	
16-May-18	Sunny	13:24	73.5	55.0	
16-May-18	Sunny	13:29	71.5	53.5	
16-May-18	Sunny	13:34	73.5	54.5	
16-May-18	Sunny	13:39	73.0	54.5	
21-May-18	Sunny	13:15	75.0	56.5	73
21-May-18	Sunny	13:20	71.5	54.0	
21-May-18	Sunny	13:25	73.0	54.0	
21-May-18	Sunny	13:30	72.5	54.5	
21-May-18	Sunny	13:35	73.5	56.5	
21-May-18	Sunny	13:40	74.5	60.0	
31-May-18	Sunny	13:13	73.5	60.5	67
31-May-18	Sunny	13:18	73.5	59.0	
31-May-18	Sunny	13:23	73.5	62.0	
31-May-18	Sunny	13:28	73.5	64.0	
31-May-18	Sunny	13:33	73.0	60.5	
31-May-18	Sunny	13:38	73.0	60.5	

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)
10-May-18	Cloudy	11:22	67.5	61.5	61
10-May-18	Cloudy	11:27	68.0	61.5	
10-May-18	Cloudy	11:32	68.5	61.0	
10-May-18	Cloudy	11:37	65.5	61.0	
10-May-18	Cloudy	11:42	68.0	61.0	
10-May-18	Cloudy	11:47	68.0	61.5	
16-May-18	Sunny	09:35	63.0	61.5	62
16-May-18	Sunny	09:40	62.5	61.5	
16-May-18	Sunny	09:45	62.5	61.5	
16-May-18	Sunny	09:50	62.5	61.5	
16-May-18	Sunny	09:55	62.5	61.0	
16-May-18	Sunny	10:00	62.0	61.0	
21-May-18	Sunny	10:45	69.5	62.5	63
21-May-18	Sunny	10:50	69.0	63.0	
21-May-18	Sunny	10:55	70.0	63.5	
21-May-18	Sunny	11:00	67.0	63.0	
21-May-18	Sunny	11:05	67.0	63.5	
21-May-18	Sunny	11:10	71.0	63.0	
31-May-18	Sunny	11:30	64.0	61.5	63
31-May-18	Sunny	11:35	63.0	61.5	
31-May-18	Sunny	11:40	63.0	62.0	
31-May-18	Sunny	11:45	62.5	61.5	
31-May-18	Sunny	11:50	63.0	61.5	
31-May-18	Sunny	11:55	63.5	61.5	

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)
10-May-18	Cloudy	13:57	64.0	60.5	60
10-May-18	Cloudy	14:02	64.0	60.0	
10-May-18	Cloudy	14:07	66.5	61.5	
10-May-18	Cloudy	14:12	67.5	62.0	
10-May-18	Cloudy	14:17	67.0	61.5	
10-May-18	Cloudy	14:22	65.5	61.0	
16-May-18	Sunny	14:57	63.0	60.5	66
16-May-18	Sunny	15:02	63.0	60.5	
16-May-18	Sunny	15:07	64.5	61.0	
16-May-18	Sunny	15:12	66.5	61.5	
16-May-18	Sunny	15:17	63.5	61.0	
16-May-18	Sunny	15:22	64.5	61.0	
21-May-18	Sunny	14:25	63.0	59.5	65
21-May-18	Sunny	14:30	63.5	59.5	
21-May-18	Sunny	14:35	64.0	61.0	
21-May-18	Sunny	14:40	64.0	61.0	
21-May-18	Sunny	14:45	64.5	60.5	
21-May-18	Sunny	14:50	64.0	61.0	
31-May-18	Sunny	13:50	63.5	60.5	66
31-May-18	Sunny	13:55	64.5	61.5	
31-May-18	Sunny	14:00	64.0	61.0	
31-May-18	Sunny	14:05	65.0	61.0	
31-May-18	Sunny	14:10	66.0	61.5	
31-May-18	Sunny	14:15	64.5	61.0	

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

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

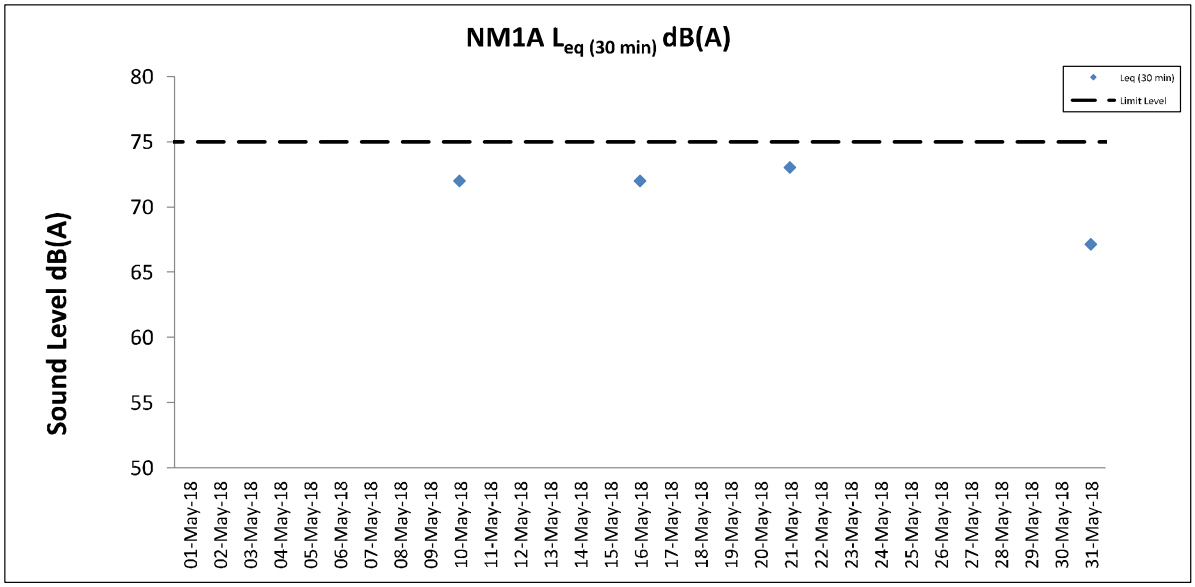
Date	Weather	Time	Measured L_{10} dB(A)	Measured L_{90} dB(A)	$L_{eq(30mins)}$ dB(A)
10-May-18	Cloudy	08:54	59.5	50.5	59
10-May-18	Cloudy	08:59	61.0	50.0	
10-May-18	Cloudy	09:04	59.5	50.5	
10-May-18	Cloudy	09:09	60.5	51.0	
10-May-18	Cloudy	09:14	58.5	50.5	
10-May-18	Cloudy	09:19	58.0	51.0	
16-May-18	Sunny	09:02	48.5	43.0	53
16-May-18	Sunny	09:07	50.5	44.0	
16-May-18	Sunny	09:12	53.5	43.0	
16-May-18	Sunny	09:17	50.5	44.0	
16-May-18	Sunny	09:22	52.0	43.5	
16-May-18	Sunny	09:27	52.5	43.5	
21-May-18	Sunny	09:10	58.5	54.0	59
21-May-18	Sunny	09:15	61.0	52.5	
21-May-18	Sunny	09:20	56.0	51.0	
21-May-18	Sunny	09:25	55.0	51.0	
21-May-18	Sunny	09:30	54.5	52.0	
21-May-18	Sunny	09:35	61.5	49.0	
31-May-18	Sunny	09:26	67.0	52.5	67
31-May-18	Sunny	09:31	70.5	54.5	
31-May-18	Sunny	09:36	67.0	54.0	
31-May-18	Sunny	09:41	68.0	55.5	
31-May-18	Sunny	09:46	67.0	57.5	
31-May-18	Sunny	09:51	71.0	58.0	

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)
02-May-18	Sunny	09:42	74.0	49.0	70
02-May-18	Sunny	09:47	70.0	47.5	
02-May-18	Sunny	09:52	69.0	50.0	
02-May-18	Sunny	09:57	76.0	48.5	
02-May-18	Sunny	10:02	75.5	48.5	
02-May-18	Sunny	10:07	74.0	50.0	
10-May-18	Cloudy	10:19	69.5	60.0	71
10-May-18	Cloudy	10:24	68.0	58.5	
10-May-18	Cloudy	10:29	70.0	58.5	
10-May-18	Cloudy	10:34	75.5	67.0	
10-May-18	Cloudy	10:39	74.5	66.5	
10-May-18	Cloudy	10:44	72.0	60.5	
14-May-18	Sunny	09:40	76.0	50.5	73
14-May-18	Sunny	09:45	77.5	48.5	
14-May-18	Sunny	09:50	73.0	48.5	
14-May-18	Sunny	09:55	73.0	49.5	
14-May-18	Sunny	10:00	75.5	53.0	
14-May-18	Sunny	10:05	73.0	54.5	
24-May-18	Sunny	09:41	74.5	48.0	70
24-May-18	Sunny	09:46	72.5	49.5	
24-May-18	Sunny	09:51	72.0	47.0	
24-May-18	Sunny	09:56	72.5	46.5	
24-May-18	Sunny	10:01	70.5	48.0	
24-May-18	Sunny	10:06	73.0	49.5	
29-May-18	Sunny	09:40	75.0	51.5	71
29-May-18	Sunny	09:45	74.0	49.5	
29-May-18	Sunny	09:50	77.0	53.5	
29-May-18	Sunny	09:55	76.0	49.0	
29-May-18	Sunny	10:00	75.0	50.5	
29-May-18	Sunny	10:05	67.0	47.5	

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-May-18
02-May-18
03-May-18
04-May-18
05-May-18
06-May-18
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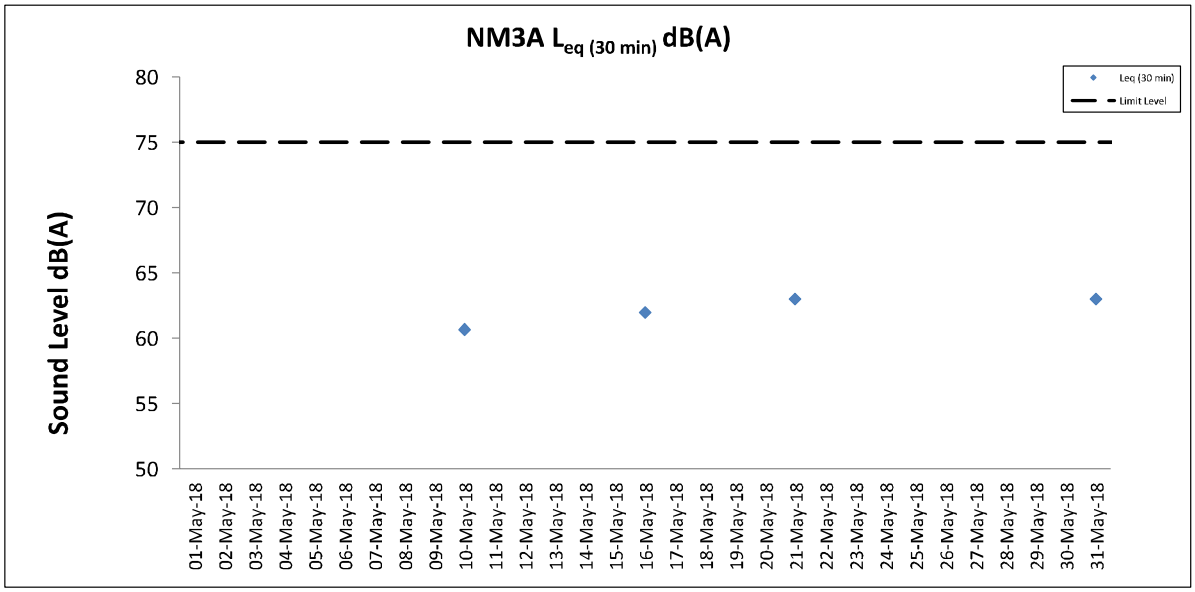
31-May-18


NM3A $L_{eq\ (30\ min)}$ dB(A)
Sound Level dB(A)
80
75
70
65
60
55
50
Leq (30 min)
Limit Level
01-May-18
02-May-18
03-May-18
04-May-18
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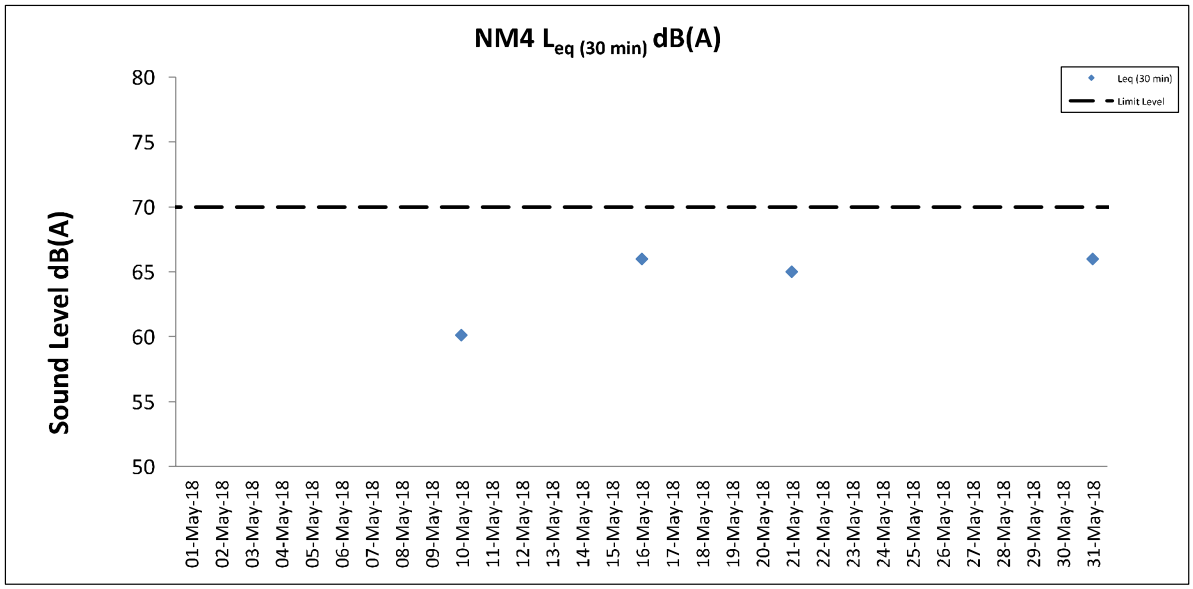
NM4 $L_{eq\ (30\ min)}$ dB(A)
Sound Level dB(A)
80
75
70
65
60
55
50
Leq (30 min)
Limit Level
01-May-18
02-May-18
03-May-18
04-May-18
05-May-18
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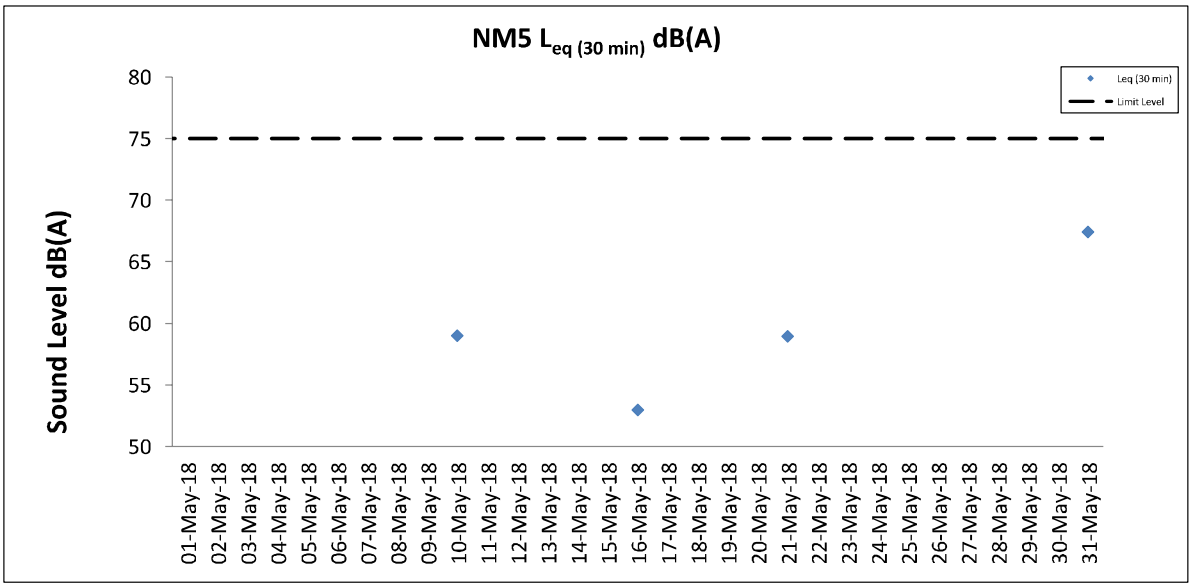
NM5 $L_{eq\ (30\ min)}$ dB(A)
Sound Level dB(A)
80
75
70
65
60
55
50
Leq (30 min)
Limit Level
01-May-18
02-May-18
03-May-18
04-May-18
05-May-18
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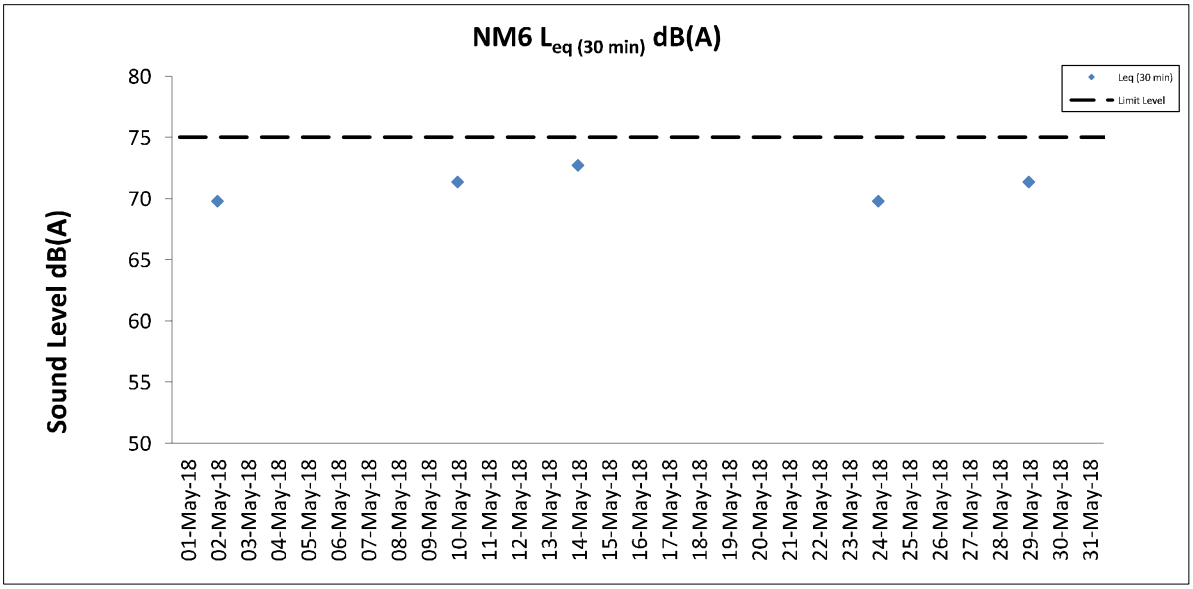
31-May-18


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

Water Quality Monitoring Results

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 01 May 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	13:06	8.8	Surface	1.0	0.4	222	25.4	25.3	8.2	8.2	28.3	28.5	120.7	120.8	8.4	8.3	9.0	16.3	6	7	84	87	815612	804243	<0.2	<0.2	3.2	3.1
						1.0	0.4	226	25.2		8.2		28.7		120.8		8.5		9.3		7		84				<0.2		3.2	
					Middle	4.4	0.5	204	24.8	24.8	8.2	8.2	30.2	30.2	116.9	116.6	8.2		14.4		6		87				<0.2		3.0	
						4.4	0.5	210	24.8		8.2		30.2		116.2		8.1		15.6		7		87				<0.2		3.1	
					Bottom	7.8	0.5	222	24.5	24.5	8.2	8.2	31.4	31.4	112.5	112.6	7.8	7.8	24.9		8		90				<0.2		3.1	
						7.8	0.5	236	24.5		8.2		31.4		112.6		7.8		24.8		10		90				<0.2		3.2	
C2	Fine	Moderate	12:07	12.1	Surface	1.0	0.5	147	25.5	25.5	7.8	7.8	25.8	25.8	85.6	85.7	6.1	6.1	7.5	10.4	8	9	84	87	825687	806954	<0.2	<0.2	3.1	2.9
						1.0	0.5	153	25.5		7.8		25.8		85.8		6.1		7.4		9		85				<0.2		3.0	
					Middle	6.1	0.4	159	24.9	24.9	7.9	7.9	28.3	28.3	86.8	86.8	6.1		10.4		8		87				<0.2		3.1	
						6.1	0.4	168	24.9		7.9		28.3		86.8		6.1		10.5		7		87				<0.2		2.9	
					Bottom	11.1	0.4	167	24.9	24.9	7.9	7.9	28.7	28.7	88.1	88.2	6.2	6.2	13.2		10		89				<0.2		2.6	
						11.1	0.4	180	24.9		7.9		28.7		88.2		6.2		13.1		9		89				<0.2		2.9	
C3	Fine	Moderate	14:15	11.7	Surface	1.0	0.4	70	25.3	25.3	7.9	7.9	28.1	28.1	91.0	91.0	6.4	6.4	10.6	10.6	14	16	85	87	822100	817815	<0.2	<0.2	1.5	1.5
						1.0	0.4	74	25.3		7.9		28.1		91.0		6.4		10.7		12		84				<0.2		1.5	
					Middle	5.9	0.4	101	25.2	25.2	7.9	7.9	28.3	28.3	90.6	90.6	6.4		10.3		15		87				<0.2		1.5	
						5.9	0.4	101	25.2		7.9		28.3		90.6		6.4		10.5		16		87				<0.2		1.5	
					Bottom	10.7	0.3	82	25.0	25.0	7.9	7.9	28.8	28.8	90.1	90.2	6.3	6.3	10.7		20		89				<0.2		1.5	
						10.7	0.3	86	25.0		7.9		28.8		90.2		6.3		10.8		19		89				<0.2		1.4	
IM1	Sunny	Moderate	12:48	7.5	Surface	1.0	0.3	213	25.3	25.3	8.2	8.2	28.9	28.9	114.0	114.0	8.0	7.9	9.6	10.0	6	8	85	88	818341	806463	<0.2	<0.2	3.1	3.1
						1.0	0.3	231	25.3		8.2		28.9		113.9		7.9		9.7		5		85				<0.2		3.1	
					Middle	3.8	0.3	201	24.9	24.9	8.2	8.2	29.6	29.6	112.1	112.0	7.8		10.0		10		88				<0.2		3.0	
						3.8	0.3	215	24.9		8.2		29.7		111.9		7.8		10.1		8		88				<0.2		3.1	
					Bottom	6.5	0.3	178	24.8	24.8	8.2	8.2	30.2	30.2	109.5	109.5	7.7	7.7	10.3		9		91				<0.2		2.9	
						6.5	0.3	183	24.8		8.2		30.2		109.5		7.6		10.2		11		91				<0.2		3.5	
IM2	Sunny	Moderate	12:43	8.5	Surface	1.0	0.2	227	25.1	25.1	8.2	8.2	29.2	29.2	114.2	114.2	8.0	7.9	10.7	14.3	4	8	85	88	818839	806214	<0.2	<0.2	3.0	3.0
						1.0	0.2	249	25.1		8.2		29.2		114.1		8.0		10.7		4		85				<0.2		3.0	
					Middle	4.3	0.4	191	24.9	24.9	8.2	8.2	29.9	29.9	110.7	110.7	7.7		14.3		8		88				<0.2		3.0	
						4.3	0.4	192	24.9		8.2		29.9		110.6		7.7		14.5		7		88				<0.2		3.0	
					Bottom	7.5	0.4	181	24.7	24.7	8.2	8.2	30.6	30.6	109.9	110.0	7.7	7.7	18.0		12		91				<0.2		2.9	
						7.5	0.4	189	24.7		8.2		30.6		110.0		7.7		17.8		12		91				<0.2		2.9	
IM3	Sunny	Moderate	12:37	8.8	Surface	1.0	0.3	212	25.3	25.3	8.2	8.2	29.5	29.5	114.7	114.7	8.0	7.9	12.0	16.7	4	8	85	88	819399	806022	<0.2	<0.2	2.9	3.0
						1.0	0.3	218	25.3		8.2		29.5		114.6		8.0		12.1		5		86				<0.2		3.0	
					Middle	4.4	0.4	176	25.0	25.0	8.2	8.2	30.2	30.2	111.2	111.2	7.7		15.6		8		88				<0.2		3.0	
						4.4	0.4	176	25.0		8.2		30.2		111.1		7.7		15.9		9		88				<0.2		3.0	
					Bottom	7.8	0.3	169	24.8	24.8	8.2	8.2	30.5	30.5	109.3	109.3	7.6	7.6	22.2		12		91				<0.2		3.0	
						7.8	0.3	183	24.8		8.2		30.5		109.3		7.6		22.3		10		91				<0.2		2.9	
IM4	Sunny	Moderate	12:30	8.1	Surface	1.0	0.3	179	25.0	25.0	8.2	8.2	30.7	30.7	110.9	110.8	7.7	7.6	14.7	16.0	8	12	84	87	819549	805045	<0.2	<0.2	3.0	3.0
						1.0	0.4	180	25.0		8.2		30.7		110.7		7.7		14.8		7		84				<0.2		3.0	
					Middle	4.1	0.3	153	24.6	24.6	8.2	8.2	30.8	30.8	108.1	108.1	7.5		16.9		10		86				<0.2		3.0	
						4.1	0.4	163	24.6		8.2		30.8		108.0		7.5		17.0		10		86				<0.2		2.9	
					Bottom	7.1	0.2	180	24.6	24.6	8.2	8.2	30.9	30.9	108.0	108.0	7.5	7.5	16.4		18		90				<0.2		3.1	
						7.1	0.3	197	24.6		8.2		30.9		107.9		7.5		16.2		17		90				<0.2		3.0	
IM5	Sunny	Moderate	12:20	7.4	Surface	1.0	0.2	156	25.0	25.0	8.2	8.2	29.9	29.9	110.1	110.1	7.7	7.6	12.9	17.3	9	12	84	87	820572	804924	<0.2	<0.2	3.0	3.0
						1.0	0.3	168	25.0		8.2		29.9		110.0		7.7		13.0		8		84				<0.2		3.0	
					Middle	3.7	0.3	175	24.9	24.9	8.2	8.2	30.2	30.2	107.7	107.7	7.5		15.9		14		86				<0.2		2.9	
						3.7	0.3	181	24.9		8.2		30.2		107.6		7.5		16.0		12		86				<0.2		2.8	
					Bottom	6.4	0.2	164	24.8	24.8	8.2	8.2	30.5	30.5	106.7	106.7	7.5	7.5	23.1		15		91				<0.2		3.0	
						6.4	0.3	164	24.8		8.2		30.5		106.7		7.5		23.0		14		91				<0.2		3.0	
IM6	Sunny	Moderate	12:14	7.5	Surface	1.0	0.2	189	25.2	25.2	8.2	8.2	29.9	29.9	110.9	110.7	7.7	7.6	12.9	13.8	8	12	84	87	821088	805845	<0.2	<0.2	3.1	3.0
						1.0	0.3	207	25.3		8.2		29.9		110.4		7.7		13.1		7		84				<0.2		2.9	
					Middle	3.8	0.2	175	24.9	24.9	8.2	8.2	30.3	30.3	107.6	107.6	7.5		14.5		14		87				<0.2		3.0	
						3.8	0.3	178	24.9		8.2		30.3		107.5		7.5		14.4		14		87				<0.2		3.0	
					Bottom	6.5	0.1	197	24.9	24.9	8.2	8.2	30.4	30.4	106.8	106.8	7.4	7.4	14.0		15		91				<0.2		3.1	
						6.5	0.1	215	24.9		8.2		30.4		106.8		7.4		13.9		16		90				<0.2		3.0	
IM7	Sunny	Moderate	12:07	9.1	Surface	1.0	0.2	182	25.5	25.5	8.1	8.1	28.3	28.4	108.0	108.1	7.5	7.5	13.0	14.6	8	12	83	87	821341	806823	<0.2	<0.2	2.9	3.0
						1.0	0.2	183	25.5		8.1		28.4		108.1		7.5		13.1		9		84				<0.2		3.1	
					Middle	4.6	0.2	136	25.0	25.0	8.2	8.2	29.9	29.9	107.0	107.0	7.5		15.1		13		86				<0.2		3.0	
						4.6	0.3	138	25.0		8.2		29.9		106.9		7.5		15.1		14		87				<0.2		3.1	
					Bottom	8.1	0.3	116	24.9	24.9	8.2	8.2	30.1	30.1	106.1	106.1	7.4	7.4	15.7		14		89				<0.2		3.0	
						8.1	0.3	119	24.9		8.2		30.1		106.1		7.4		15.8		14		90				<0.2		3.0	
IM8	Fine	Moderate	12:37	8.4	Surface	1.0	0.2	144	25.3	25.3	8.0	8.0	27.2	27.2	98.3	98.5	6.9	7.1	5.9	7.7	7	9	85	87	821697	807846	<0.2	<0.2	2.0	2.0
						1.0	0.2	147	25.3		8.0		27.2		98.6		6.9		5.9		8		85				<0.2		2.0	
					Middle	4.2	0.2	81	25.1	25.1	8.0	8.0	28.7	28.7	102.4	102.5	7.2		7.3		9		88				<0.2		2.1	
						4.2	0.2	85	25.1		8.0		28.7		102.5		7.2		7.4		9		87				<0.2		2.0	
					Bottom	7.4	0.2	63	25.1	25.1	8.0	8.0	29.1	29.1	103.9	103.9	7.3	7.3	9.8		9		89				<0.2		2.0	
						7.4	0.2	66	25.1		8.0		29.1		103.8		7.3		9.9		9		90				<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 01 May 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	12:46	7.4	Surface	1.0	0.4	131	25.2	25.2	8.0	8.0	27.9	27.9	98.1	98.2	6.9	7.0	6.9	8.0	11	12	85	88	822084	808836	<0.2	<0.2	3.3	2.6
						1.0	0.5	136	25.2		8.0		27.9		98.2		6.9		7.0		11		85				<0.2		3.4	
					Middle	3.7	0.4	114	25.1	25.1	8.0	8.0	28.6	28.6	100.4	100.4	7.0		6.5		11		87				<0.2		2.7	
						3.7	0.4	114	25.1		8.0		28.6		100.4		7.0		6.5		10		88				<0.2		2.0	
					Bottom	6.4	0.3	75	25.1	25.1	8.0	8.0	29.0	29.0	103.5	103.6	7.2	7.2	10.4		16		90				<0.2		2.2	
						6.4	0.4	76	25.1		8.0		29.0		103.6		7.2		10.8		15		90				<0.2		2.0	
IM10	Fine	Moderate	13:01	8.4	Surface	1.0	0.7	117	25.3	25.3	7.9	7.9	27.4	27.4	97.7	97.7	6.9	6.9	6.5	9.9	8	8	85	87	822239	809850	<0.2	<0.2	1.9	1.9
						1.0	0.7	127	25.3		7.9		27.4		97.6		6.9		6.6		7		85				<0.2		1.9	
					Middle	4.2	0.5	107	25.1	25.1	8.0	8.0	28.2	28.2	97.1	97.1	6.8		9.7		7		87				<0.2		2.1	
						4.2	0.6	109	25.1		8.0		28.3		97.1		6.8		9.6		7		87				<0.2		1.9	
					Bottom	7.4	0.4	91	25.1	25.1	8.0	8.0	28.5	28.4	97.3	97.3	6.8	6.8	13.5		8		89				<0.2		1.9	
						7.4	0.4	99	25.1		8.0		28.4		97.3		6.8		13.6		9		89				<0.2		1.9	
IM11	Fine	Moderate	13:18	6.4	Surface	1.0	0.6	114	25.6	25.6	7.9	7.9	27.3	27.3	97.9	98.0	6.9	6.9	5.8	8.1	8	12	85	87	821488	810543	<0.2	<0.2	1.6	1.6
						1.0	0.7	117	25.6		8.0		27.3		98.0		6.9		5.9		9		85				<0.2		1.6	
					Middle	3.2	0.5	115	25.3	25.3	8.0	8.0	27.7	27.6	98.7	98.7	6.9		7.0		10		87				<0.2		1.6	
						3.2	0.5	121	25.3		8.0		27.6		98.7		6.9		7.2		11		87				<0.2		1.6	
					Bottom	5.4	0.4	103	25.3	25.4	8.0	8.0	28.2	28.2	100.9	100.9	7.1	7.1	11.2		16		89				<0.2		1.5	
						5.4	0.4	112	25.4		8.0		28.2		100.9		7.1		11.6		15		90				<0.2		1.5	
IM12	Fine	Moderate	13:25	9.2	Surface	1.0	0.5	111	25.9	25.9	7.9	7.9	26.8	26.8	100.1	100.2	7.0	7.1	4.0	7.3	8	10	85	87	821169	811547	<0.2	<0.2	2.0	2.0
						1.0	0.5	112	25.9		8.0		26.8		100.3		7.0		4.0		8		85				<0.2		2.0	
					Middle	4.6	0.6	93	25.4	25.4	8.0	8.0	27.9	27.9	101.7	101.8	7.1		7.1		10		88				<0.2		2.1	
						4.6	0.6	94	25.4		8.0		27.9		101.8		7.1		7.2		10		87				<0.2		2.0	
					Bottom	8.2	0.4	75	25.5	25.5	8.0	8.0	28.3	28.3	102.4	102.4	7.2	7.2	10.7		12		89				<0.2		1.9	
						8.2	0.4	81	25.5		8.0		28.3		102.4		7.2		10.7		14		90				<0.2		2.0	
SR2	Fine	Moderate	13:58	3.9	Surface	1.0	0.5	68	25.3	25.3	7.9	7.9	27.7	27.7	94.4	94.5	6.6	6.6	9.0	10.5	10	12	85	86	821490	814159	<0.2	<0.2	1.6	1.6
						1.0	0.5	72	25.3		7.9		27.7		94.5		6.6		9.1		10		85				<0.2		1.6	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	0.4	59	25.3	25.3	8.0	8.0	27.8	27.8	95.1	95.2	6.7	6.7	11.9		14		87				<0.2		1.6	
						2.9	0.4	63	25.3		8.0		27.8		95.2		6.7		12.0		14		87				<0.2		1.6	
SR3	Fine	Moderate	12:31	8.7	Surface	1.0	0.3	183	25.6	25.6	7.9	7.9	26.1	26.1	94.7	94.7	6.7	6.7	5.0	9.3	8	14	-	-	822140	807580	-	-	-	-
						1.0	0.3	196	25.6		7.9		26.1		94.7		6.7		5.0		9		-				-		-	
					Middle	4.4	0.1	143	25.2	25.2	7.9	7.9	27.4	27.4	94.8	94.9	6.7		7.6		14		-				-		-	
						4.4	0.1	155	25.2		7.9		27.4		94.9		6.7		7.7		16		-				-		-	
					Bottom	7.7	0.3	55	25.0	25.0	8.0	8.0	29.4	29.4	101.7	101.7	7.1	7.1	15.1		20		-				-		-	
						7.7	0.3	57	25.0		8.0		29.4		101.6		7.1		15.2		19		-				-		-	
SR4A	Sunny	Calm	13:29	8.0	Surface	1.0	0.3	49	25.6	25.6	8.2	8.2	29.1	29.1	108.9	108.9	7.6	7.5	13.6	16.5	11	12	-	-	817194	807780	-	-	-	-
						1.0	0.3	52	25.6		8.2		29.1		108.8		7.5		13.7		10		-				-		-	
					Middle	4.0	0.2	56	25.2	25.2	8.2	8.2	29.5	29.5	105.8	105.8	7.4		17.2		10		-				-		-	
						4.0	0.2	60	25.2		8.2		29.5		105.7		7.4		17.4		9		-				-		-	
					Bottom	7.0	0.2	48	25.1	25.1	8.2	8.2	29.6	29.6	105.5	105.5	7.4	7.4	18.7		16		-				-		-	
						7.0	0.2	49	25.1		8.2		29.6		105.5		7.4		18.5		16		-				-		-	
SR5A	Sunny	Calm	13:45	4.8	Surface	1.0	0.1	51	25.8	25.8	8.1	8.1	29.1	29.1	105.9	105.9	7.3	7.3	11.0	11.2	6	6	-	-	816563	810716	-	-	-	-
						1.0	0.1	54	25.7		8.1		29.1		105.9		7.3		11.1		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.8	0.0	356	25.8	25.8	8.1	8.1	29.0	29.0	106.8	106.9	7.4	7.4	11.3		6		-				-		-	
						3.8	0.0	328	25.8		8.1		29.0		106.9		7.4		11.3		5		-				-		-	
SR6	Sunny	Calm	14:08	4.1	Surface	1.0	0.2	80	25.8	25.8	8.1	8.1	28.7	28.7	106.0	105.9	7.3	7.3	8.7	9.7	9	12	-	-	817888	814651	-	-	-	-
						1.0	0.2	80	25.8		8.1		28.7		105.8		7.3		8.8		9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	0.1	64	25.7	25.7	8.1	8.1	29.1	29.1	105.4	105.4	7.3	7.3	10.4		13		-				-		-	
						3.1	0.1	64	25.7		8.1		29.1		105.4		7.3		11.0		15		-				-		-	
SR7	Fine	Moderate	14:42	19.1	Surface	1.0	0.8	87	25.5	25.6	7.9	7.9	27.7	27.7	96.1	96.1	6.7	6.6	2.8	3.4	6	8	-	-	823661	823761	-	-	-	-
						1.0	0.9	93	25.6		7.9		27.7		96.1		6.7		2.8		6		-				-		-	
					Middle	9.6	0.5	83	25.0	25.0	7.9	7.9	28.9	28.9	91.6	91.7	6.4		3.3		9		-				-		-	
						9.6	0.6	83	25.0		7.9		28.9		91.7		6.4		3.2		9		-				-		-	
					Bottom	18.1	0.2	80	25.0	25.0	7.9	7.9	29.0	29.1	91.1	91.1	6.4	6.4	4.3		9		-				-		-	
						18.1	0.2	81	25.0		7.9		29.1		91.1		6.4		4.3		8		-				-		-	
SR8	Fine	Moderate	13:40	3.7	Surface	1.0	-	-	25.7	25.7	8.0	8.0	27.1	27.1	101.1	101.2	7.1	7.1	4.3	6.1	9	8	-	-	820246	811418	-	-	-	-
						1.0	-	-	25.7		8.0		27.1		101.2		7.1		4.4		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	-	-	25.6	25.6	8.0	8.0	27.6	27.6	103.8	103.8	7.3	7.3	7.8		8		-				-		-	
						2.7	-	-	25.6		8.0		27.6		103.8		7.3		7.8		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 01 May 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	07:40	9.0	Surface	1.0	0.8	63	25.1	25.1	8.1	8.1	29.0	29.0	105.5	105.6	7.4	7.4	11.9	20.9	6	7	84	87	815641	804273	<0.2	<0.2	3.0	3.0
						1.0	0.8	67	25.1		8.1		29.0		105.6		7.4		11.3		7		84				<0.2		3.0	
					Middle	4.5	0.8	62	24.7	24.7	8.2	8.2	30.7	30.7	106.2	106.2	7.4		18.2		6		87				<0.2		3.0	
						4.5	0.8	64	24.7		8.2		30.7		106.2		7.4		18.4		7		87				<0.2		3.0	
					Bottom	8.0	0.7	69	24.7	24.7	8.2	8.2	30.8	30.8	105.7	105.7	7.4	7.4	33.4		10		89				<0.2		3.0	
						8.0	0.8	71	24.7		8.2		30.8		105.7		7.4		32.1		8		90				<0.2		3.0	
C2	Cloudy	Moderate	08:39	12.3	Surface	1.0	0.6	356	25.2	25.2	7.8	7.8	26.0	26.0	86.7	86.7	6.5	6.5	5.0	9.7	4	5	85	87	825672	806942	<0.2	<0.2	3.0	3.0
						1.0	0.6	328	25.2		7.8		26.0		86.7		6.5		5.0		3		84				<0.2		3.0	
					Middle	6.2	0.4	15	25.0	25.0	7.9	7.9	26.2	26.2	85.4	85.4	6.4		8.9		5		87				<0.2		3.0	
						6.2	0.5	16	25.0		7.9		26.2		85.4		6.4		8.7		4		87				<0.2		2.8	
					Bottom	11.3	0.3	4	25.0	25.0	8.0	8.0	26.4	26.4	85.7	85.7	6.4	6.4	15.4		7		89				<0.2		3.0	
						11.3	0.3	4	25.0		8.0		26.4		85.7		6.4		15.2		7		89				<0.2		2.9	
C3	Cloudy	Moderate	06:34	11.8	Surface	1.0	0.6	270	25.1	25.1	7.9	7.9	27.7	27.7	89.3	89.3	6.3	6.3	3.2	5.3	6	7	84	86	822126	817815	<0.2	<0.2	1.8	2.0
						1.0	0.6	287	25.1		7.9		27.7		89.3		6.3		3.2		6		84				<0.2		1.8	
					Middle	5.9	0.6	266	24.8	24.8	7.9	7.9	28.9	28.9	88.1	88.1	6.2		2.9		6		86				<0.2		1.9	
						5.9	0.6	274	24.8		7.9		28.9		88.1		6.2		2.9		7		86				<0.2		2.2	
					Bottom	10.8	0.4	270	24.7	24.7	8.0	8.0	29.2	29.2	86.7	86.8	6.1	6.1	9.9		9		88				<0.2		1.9	
						10.8	0.4	295	24.7		8.0		29.2		86.8		6.1		9.9		8		88				<0.2		2.1	
IM1	Fine	Moderate	07:56	7.8	Surface	1.0	0.4	351	25.3	25.3	8.1	8.1	27.9	27.9	103.3	103.4	7.3	7.3	9.6	17.2	4	7	83	85	818324	806469	<0.2	<0.2	5.8	3.5
						1.0	0.5	323	25.3		8.1		27.9		103.5		7.3		9.1		5		83				<0.2		3.2	
					Middle	3.9	0.5	355	25.2	25.2	8.1	8.1	29.1	29.0	103.8	103.8	7.2		13.5		6		84				<0.2		3.0	
						3.9	0.5	327	25.2		8.1		29.0		103.8		7.3		13.8		5		85				<0.2		3.0	
					Bottom	6.8	0.4	356	25.2	25.2	8.1	8.1	29.4	29.4	102.8	102.8	7.2	7.2	28.7		10		88				<0.2		3.1	
						6.8	0.4	328	25.2		8.1		29.4		102.7		7.2		28.3		11		88				<0.2		3.0	
IM2	Fine	Moderate	08:01	8.6	Surface	1.0	0.5	332	25.2	25.2	8.1	8.1	28.2	28.2	102.9	103.0	7.2	7.2	7.8	17.9	7	9	83	85	818870	806222	<0.2	<0.2	3.0	3.0
						1.0	0.5	344	25.2		8.1		28.3		103.0		7.2		8.1		8		83				<0.2		3.0	
					Middle	4.3	0.5	358	25.2	25.2	8.1	8.1	28.9	28.9	103.3	103.4	7.2		17.3		8		85				<0.2		3.0	
						4.3	0.6	329	25.2		8.1		28.9		103.4		7.2		17.4		8		86				<0.2		3.0	
					Bottom	7.6	0.4	7	25.1	25.1	8.1	8.1	29.5	29.5	102.3	102.3	7.1	7.1	28.8		10		87				<0.2		2.9	
						7.6	0.4	7	25.1		8.1		29.5		102.2		7.1		28.1		11		88				<0.2		2.8	
IM3	Fine	Moderate	08:05	8.5	Surface	1.0	0.6	8	25.2	25.2	8.1	8.1	28.4	28.4	102.8	102.8	7.2	7.2	11.6	19.2	7	12	84	87	819399	806004	<0.2	<0.2	2.9	3.0
						1.0	0.7	8	25.2		8.1		28.4		102.8		7.2		12.1		7		85				<0.2		3.0	
					Middle	4.3	0.7	13	25.1	25.1	8.1	8.1	28.9	29.0	103.2	103.2	7.2		18.3		12		87				<0.2		2.9	
						4.3	0.7	14	25.1		8.1		29.0		103.1		7.2		19.8		10		87				<0.2		3.1	
					Bottom	7.5	0.7	15	25.1	25.1	8.1	8.1	29.5	29.5	102.2	102.2	7.1	7.1	27.8		17		88				<0.2		3.0	
						7.5	0.8	16	25.1		8.1		29.5		102.2		7.1		25.7		18		88				<0.2		2.9	
IM4	Fine	Moderate	08:12	7.8	Surface	1.0	0.7	20	25.3	25.3	8.1	8.1	26.8	26.8	100.5	100.5	7.1	7.2	9.0	21.1	5	12	84	87	819541	805020	<0.2	<0.2	3.1	3.0
						1.0	0.7	20	25.3		8.1		26.8		100.5		7.1		9.3		6		85				<0.2		2.9	
					Middle	3.9	0.7	31	25.1	25.1	8.1	8.1	28.1	28.1	101.7	101.7	7.2		18.5		9		87				<0.2		3.0	
						3.9	0.8	31	25.1		8.1		28.1		101.7		7.2		19.2		9		87				<0.2		3.0	
					Bottom	6.8	0.6	35	25.0	25.0	8.1	8.1	29.5	29.5	100.8	100.8	7.0	7.0	35.4		22		88				<0.2		3.0	
						6.8	0.7	36	25.0		8.1		29.5		100.7		7.0		35.0		23		88				<0.2		3.0	
IM5	Fine	Moderate	08:21	7.4	Surface	1.0	0.8	3	25.3	25.3	8.1	8.1	27.9	27.9	100.0	100.1	7.0	7.1	7.3	15.5	11	12	85	87	820572	804941	<0.2	<0.2	2.9	3.0
						1.0	0.9	3	25.3		8.1		27.9		100.1		7.0		7.7		10		85				<0.2		2.9	
					Middle	3.7	0.9	8	25.2	25.2	8.1	8.1	28.0	28.0	100.6	100.6	7.1		14.8		12		87				<0.2		3.0	
						3.7	0.9	8	25.1		8.1		28.1		100.5		7.1		14.3		13		87				<0.2		3.0	
					Bottom	6.4	0.8	8	25.1	25.1	8.1	8.1	29.5	29.4	99.0	99.0	6.9	6.9	25.0		14		89				<0.2		3.1	
						6.4	0.9	8	25.1		8.1		29.4		99.0		6.9		24.0		14		89				<0.2		3.0	
IM6	Fine	Moderate	08:28	7.3	Surface	1.0	0.4	37	25.3	25.3	8.1	8.1	27.7	27.7	99.2	99.2	7.0	7.0	10.6	16.2	8	15	84	86	821050	805843	<0.2	<0.2	3.0	3.0
						1.0	0.4	37	25.3		8.1		27.7		99.2		7.0		10.8		10		83				<0.2		3.0	
					Middle	3.7	0.5	47	25.2	25.2	8.1	8.1	27.8	27.9	99.4	99.4	7.0		15.2		11		86				<0.2		2.9	
						3.7	0.5	48	25.2		8.1		27.9		99.4		7.0		15.5		13		86				<0.2		2.9	
					Bottom	6.3	0.5	42	25.2	25.2	8.1	8.1	28.3	28.3	98.9	98.9	6.9	6.9	22.4		25		89				<0.2		3.0	
						6.3	0.5	45	25.2		8.1		28.3		98.9		6.9		22.4		24		89				<0.2		3.1	
IM7	Fine	Moderate	08:36	9.0	Surface	1.0	0.5	47	25.3	25.3	8.1	8.1	28.7	28.7	101.4	101.4	7.1	7.1	20.6	22.0	22	22	84	87	821344	806820	<0.2	<0.2	3.0	3.0
						1.0	0.5	47	25.3		8.1		28.7		101.4		7.1		20.9		23		85				<0.2		3.1	
					Middle	4.5	0.4	41	25.3	25.3	8.1	8.1	28.7	28.7	101.1	101.1	7.1		21.4		21		87				<0.2		3.0	
						4.5	0.5	42	25.3		8.1		28.7		101.1		7.1		21.7		23		87				<0.2		3.0	
					Bottom	8.0	0.4	40	25.3	25.3	8.1	8.1	28.7	28.7	101.0	101.0	7.1	7.1	23.6		22		89				<0.2		3.0	
						8.0	0.4	42	25.3		8.1		28.7		101.0		7.1		23.7		23		88				<0.2		3.1	
IM8	Cloudy	Moderate	08:12	8.5	Surface	1.0	0.3	69	25.3	25.3	7.9	7.9	24.2	24.2	86.6	86.6	6.2	6.2	3.9	6.7	7	7	84	87	821704	807824	<0.2	<0.2	3.2	3.0
						1.0	0.3	74	25.3		7.9		24.2		86.6		6.2		3.9		7		84				<0.2		3.1	
					Middle	4.3	0.5	39	25.2	25.2	7.9	7.9	25.4	25.4	87.1	87.1	6.2		6.2		6		87				<0.2		3.0	
						4.3	0.5	39	25.2		7.9		25.4		87.1		6.2		6.1		7		87				<0.2		2.9	
					Bottom	7.5	0.6	44	25.1	25.1	8.0	8.0	26.5	26.5	88.8	88.8	6.3	6.3	9.9		8		89				<0.2		3.0	
						7.5	0.6	44	25.1		8.0		26.5		88.8		6.3		9.9		7		89				<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 01 May 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	08:03	7.5	Surface	1.0	0.4	337	25.2	25.2	7.9	7.9	26.3	26.3	87.4	87.4	6.2	6.2	7.3	7.1	10	10	84	87	822112	808803	<0.2	<0.2	2.3	2.1
						1.0	0.4	341	25.2		7.9		26.3		87.4		6.2		7.3		10		85				<0.2		2.2	
					Middle	3.8	0.4	337	25.2	25.2	7.9	7.9	26.3	26.3	87.7	87.7	6.2		7.0		9		87				<0.2		2.0	
						3.8	0.5	355	25.2		7.9		26.3		87.7		6.2		7.0		10		87				<0.2		2.1	
					Bottom	6.5	0.4	322	25.2	25.2	7.9	7.9	26.3	26.3	88.2	88.3	6.3	6.3	7.0		11		88				<0.2		2.0	
						6.5	0.4	334	25.2		7.9		26.3		88.3		6.3		7.1		11		89				<0.2		2.2	
IM10	Cloudy	Moderate	07:55	8.7	Surface	1.0	0.5	302	25.2	25.2	7.9	7.9	26.3	26.3	88.9	88.9	6.3	6.3	5.8	8.7	8	9	85	87	822227	809845	<0.2	<0.2	1.9	2.6
						1.0	0.5	328	25.2		7.9		26.3		88.9		6.3		5.8		9		85				<0.2		2.1	
					Middle	4.4	0.5	306	25.2	25.2	7.9	7.9	26.5	26.5	88.7	88.7	6.3		8.7		10		87				<0.2		3.2	
						4.4	0.5	316	25.2		7.9		26.5		88.7		6.3		9.3		8		86				<0.2		3.0	
					Bottom	7.7	0.4	316	25.2	25.2	7.9	7.9	26.7	26.7	88.6	88.6	6.3	6.3	11.4		10		89				<0.2		3.0	
						7.7	0.5	346	25.2		7.9		26.7		88.6		6.3		11.1		9		89				<0.2		2.4	
IM11	Cloudy	Moderate	07:35	8.1	Surface	1.0	0.4	280	25.2	25.2	7.9	7.9	26.7	26.7	89.8	89.8	6.4	6.4	9.3	10.8	16	17	84	87	821518	810516	<0.2	<0.2	2.3	2.4
						1.0	0.4	285	25.2		7.9		26.7		89.8		6.4		9.6		16		85				<0.2		2.2	
					Middle	4.1	0.4	295	25.2	25.2	7.9	7.9	27.0	27.0	90.1	90.1	6.4		10.6		18		87				<0.2		2.1	
						4.1	0.4	318	25.2		7.9		27.0		90.1		6.4		10.6		16		86				<0.2		3.5	
					Bottom	7.1	0.4	299	25.2	25.2	7.9	7.9	27.4	27.4	90.3	90.4	6.4	6.4	12.6		18		89				<0.2		2.1	
						7.1	0.4	327	25.2		7.9		27.4		90.4		6.4		12.4		18		89				<0.2		2.2	
IM12	Cloudy	Moderate	07:28	7.8	Surface	1.0	0.9	279	25.2	25.2	7.9	7.9	27.1	27.1	90.1	90.1	6.4	6.4	5.7	7.9	6	5	84	87	821171	811500	<0.2	<0.2	2.2	2.4
						1.0	0.9	294	25.2		7.9		27.1		90.1		6.4		5.7		5		84				<0.2		2.2	
					Middle	3.9	0.8	281	25.2	25.2	7.9	7.9	27.6	27.6	90.7	90.8	6.4		7.6		5		87				<0.2		2.5	
						3.9	0.9	306	25.2		7.9		27.6		90.8		6.4		7.7		5		87				<0.2		2.8	
					Bottom	6.8	0.7	281	25.2	25.2	7.9	7.9	27.8	27.8	91.1	91.1	6.4	6.4	10.4		5		89				<0.2		2.2	
						6.8	0.7	294	25.2		7.9		27.8		91.1		6.4		10.4		5		89				<0.2		2.2	
SR2	Cloudy	Moderate	06:55	4.4	Surface	1.0	0.2	83	25.2	25.2	7.9	7.9	26.7	26.7	88.0	88.0	6.2	6.2	5.3	5.7	6	6	84	86	821458	814157	<0.2	<0.2	1.9	2.0
						1.0	0.2	90	25.2		7.9		26.7		88.0		6.2		5.2		6		85				<0.2		2.0	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.4	0.2	36	25.2	25.2	7.9	7.9	27.4	27.4	88.3	88.3	6.2	6.2	6.2		5		87				<0.2		1.9	
						3.4	0.2	36	25.2		7.9		27.5		88.3		6.2		6.3		6		87				<0.2		2.0	
SR3	Cloudy	Moderate	08:20	9.4	Surface	1.0	0.3	37	25.3	25.3	7.8	7.8	24.0	24.0	86.1	86.1	6.2	6.3	3.6	6.2	<2	3	-	-	822168	807580	-	-	-	-
						1.0	0.4	38	25.3		7.8		24.0		86.1		6.2		3.6		<2		-				-		-	
					Middle	4.7	0.6	24	25.2	25.2	8.0	8.0	26.3	26.3	88.6	88.6	6.3		5.9		3		-				-		-	
						4.7	0.6	25	25.2		8.0		26.3		88.6		6.3		6.0		3		-				-		-	
					Bottom	8.4	0.6	22	25.2	25.2	8.0	8.0	26.7	26.7	89.2	89.2	6.3	6.3	9.4		2		-				-		-	
						8.4	0.6	24	25.2		8.0		26.7		89.2		6.3		9.0		4		-				-		-	
SR4A	Fine	Calm	07:17	8.2	Surface	1.0	0.3	253	25.4	25.4	8.1	8.1	29.3	29.3	99.5	99.5	6.9	6.9	10.5	11.7	4	6	-	-	817161	807784	-	-	-	-
						1.0	0.3	263	25.4		8.1		29.3		99.5		6.9		10.7		6		-				-		-	
					Middle	4.1	0.3	250	25.4	25.4	8.1	8.1	29.4	29.4	99.1	99.1	6.9		12.3		7		-				-		-	
						4.1	0.3	263	25.4		8.1		29.4		99.1		6.9		12.4		6		-				-		-	
					Bottom	7.2	0.1	247	25.4	25.4	8.1	8.1	29.4	29.4	97.4	97.3	6.8	6.8	12.1		6		-				-		-	
						7.2	0.1	258	25.4		8.1		29.4		97.2		6.8		12.1		7		-				-		-	
SR5A	Fine	Calm	07:02	4.8	Surface	1.0	0.4	287	25.4	25.4	8.1	8.1	29.0	29.0	97.7	97.7	6.8	6.8	11.3	11.7	7	6	-	-	816596	810695	-	-	-	-
						1.0	0.4	308	25.4		8.1		29.0		97.7		6.8		11.3		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.8	0.3	298	25.4	25.4	8.1	8.1	29.0	29.0	96.5	96.5	6.7	6.7	12.0		6		-				-		-	
						3.8	0.4	306	25.4		8.1		29.0		96.4		6.7		12.0		6		-				-		-	
SR6	Fine	Calm	06:41	4.0	Surface	1.0	0.3	275	25.1	25.1	8.0	8.0	28.6	28.6	93.4	93.4	6.6	6.6	9.9	10.1	6	7	-	-	817914	814668	-	-	-	-
						1.0	0.3	295	25.1		8.0		28.6		93.3		6.5		9.9		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	0.2	275	25.1	25.1	8.0	8.0	28.8	28.8	92.7	92.3	6.5	6.5	10.3		6		-				-		-	
						3.0	0.2	279	25.1		8.0		28.8		91.8		6.4		10.4		8		-				-		-	
SR7	Cloudy	Moderate	06:02	18.6	Surface	1.0	0.1	206	25.1	25.1	7.9	7.9	27.6	27.6	91.0	91.0	6.4	6.4	2.9	2.6	5	5	-	-	823610	823727	-	-	-	-
						1.0	0.1	210	25.1		7.9		27.6		91.0		6.4		2.8		6		-				-		-	
					Middle	9.3	0.2	198	24.9	24.9	7.9	7.9	28.3	28.3	89.4	89.4	6.3		2.4		4		-				-		-	
						9.3	0.2	203	24.9		7.9		28.4		89.3		6.3		2.3		4		-				-		-	
					Bottom	17.6	0.1	93	24.7	24.7	7.9	7.9	29.3	29.3	87.6	87.6	6.2	6.2	2.5		4		-				-		-	
						17.6	0.1	99	24.7		7.9		29.3		87.6		6.2		2.5		4		-				-		-	
SR8	Cloudy	Moderate	07:21	3.7	Surface	1.0	-	-	25.2	25.2	7.9	7.9	26.6	26.5	89.4	89.4	6.3	6.3	3.6	4.4	6	5	-	-	820246	811418	-	-	-	-
						1.0	-	-	25.2		7.9		26.5		89.4		6.3		3.6		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	-	-	25.2	25.2	7.9	7.9	27.1	27.0	90.0	90.0	6.4	6.4	5.5		5		-				-		-	
						2.7	-	-	25.2		7.9		27.0		90.0		6.4		5.2		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 03 May 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	14:14	9.0	Surface	1.0	0.5	240	26.7	26.6	8.2	8.2	26.7	26.8	126.8	126.8	8.8	8.5	8.6	13.9	7	7	83	86	815649	804258	<0.2	<0.2	0.9	1.1
						1.0	0.5	259	26.6		8.2		26.8		126.8		8.8		8.7		6		83				<0.2		1.1	
					Middle	4.5	0.5	205	25.3	25.3	8.2	8.2	30.1	30.1	119.1	119.0	8.3		12.2		5		86				<0.2		0.9	
						4.5	0.5	209	25.3		8.2		30.1		118.9		8.2		12.3		7		86				<0.2		1.0	
					Bottom	8.0	0.4	200	25.0	25.0	8.2	8.2	31.4	31.4	114.3	114.3	7.9	7.9	20.9		8		88				<0.2		1.2	
						8.0	0.4	216	25.0		8.2		31.4		114.3		7.9		20.7		9		88				<0.2		1.2	
C2	Cloudy	Moderate	13:17	12.1	Surface	1.0	0.6	176	26.1	26.1	7.9	7.9	24.7	24.7	89.0	88.8	6.3	6.3	13.1	14.0	6	7	85	88	825652	806960	<0.2	<0.2	0.7	1.5
						1.0	0.6	193	26.0		7.9		24.7		88.6		6.3		13.7		8		85				<0.2		1.0	
					Middle	6.1	0.4	164	25.7	25.7	7.9	7.9	26.7	26.6	88.4	88.5	6.2		15.2		6		88				<0.2		1.1	
						6.1	0.4	170	25.7		7.9		26.6		88.5		6.2		14.9		7		89				<0.2		1.2	
					Bottom	11.1	0.2	160	25.4	25.4	7.9	7.9	28.6	28.6	88.8	88.8	6.2	6.2	13.6		7		91				<0.2		2.3	
						11.1	0.3	167	25.4		7.9		28.6		88.8		6.2		13.5		6		92				<0.2		2.4	
C3	Cloudy	Moderate	14:58	12.0	Surface	1.0	0.4	57	26.1	26.1	7.9	7.9	27.0	27.1	98.5	98.5	6.8	6.6	3.6	4.6	5	6	85	88	822118	817784	<0.2	<0.2	1.0	1.0
						1.0	0.4	62	26.1		7.9		27.1		98.4		6.8		3.7		4		85				<0.2		0.8	
					Middle	6.0	0.3	81	25.5	25.5	7.9	7.9	28.7	28.7	92.2	92.1	6.4		5.1		4		89				<0.2		0.8	
						6.0	0.3	85	25.4		7.9		28.8		92.0		6.4		5.0		6		89				<0.2		0.9	
					Bottom	11.0	0.3	62	25.5	25.6	8.0	8.0	28.8	28.7	93.6	93.8	6.5	6.5	5.1		8		91				<0.2		1.4	
						11.0	0.3	63	25.6		8.0		28.7		93.9		6.5		5.1		6		91				<0.2		1.3	
IM1	Cloudy	Moderate	13:57	7.7	Surface	1.0	0.3	157	26.4	26.3	8.2	8.2	27.4	27.5	117.6	117.4	8.1	8.0	11.0	14.8	5	8	84	86	818363	806487	<0.2	<0.2	1.0	1.4
						1.0	0.3	159	26.2		8.2		27.5		117.1		8.1		11.2		6		84				<0.2		1.1	
					Middle	3.9	0.2	148	25.4	25.4	8.2	8.2	29.9	29.9	113.8	113.7	7.9		12.5		8		86				<0.2		1.3	
						3.9	0.2	150	25.4		8.2		29.9		113.6		7.9		12.7		7		86				<0.2		1.4	
					Bottom	6.7	0.2	145	25.2	25.2	8.2	8.2	30.3	30.3	109.7	109.7	7.6	7.6	20.1		13		87				<0.2		1.7	
						6.7	0.3	150	25.2		8.2		30.3		109.6		7.6		21.2		11		88				<0.2		1.6	
IM2	Cloudy	Moderate	13:52	8.5	Surface	1.0	0.3	215	26.6	26.6	8.2	8.2	26.9	26.9	118.9	118.9	8.2	8.0	10.3	13.3	5	8	83	86	818876	806180	<0.2	<0.2	1.1	1.4
						1.0	0.3	221	26.6		8.2		26.9		118.8		8.2		10.3		7		84				<0.2		0.8	
					Middle	4.3	0.3	171	25.5	25.5	8.2	8.2	29.4	29.4	111.5	111.5	7.7		13.7		6		85				<0.2		1.3	
						4.3	0.3	183	25.5		8.2		29.4		111.4		7.7		13.8		7		85				<0.2		1.4	
					Bottom	7.5	0.2	191	25.3	25.3	8.2	8.2	30.0	30.0	109.6	109.7	7.6	7.6	15.7		10		88				<0.2		1.9	
						7.5	0.2	207	25.3		8.2		30.0		109.7		7.6		15.8		11		88				<0.2		1.9	
IM3	Cloudy	Moderate	13:47	8.7	Surface	1.0	0.2	237	26.0	26.0	8.2	8.2	27.8	27.8	121.1	120.8	8.4	8.1	10.6	14.0	3	9	84	86	819424	806010	<0.2	<0.2	1.2	1.4
						1.0	0.2	241	26.0		8.2		27.8		120.4		8.3		10.6		5		84				<0.2		1.2	
					Middle	4.4	0.3	198	25.7	25.7	8.2	8.2	28.7	28.7	113.0	113.0	7.8		14.0		9		85				<0.2		1.4	
						4.4	0.3	214	25.7		8.2		28.7		113.0		7.8		14.2		10		86				<0.2		1.3	
					Bottom	7.7	0.3	166	25.4	25.4	8.2	8.2	29.9	29.8	110.9	110.9	7.7	7.7	17.2		13		89				<0.2		1.8	
						7.7	0.3	168	25.4		8.2		29.8		110.9		7.7		17.2		12		89				<0.2		1.7	
IM4	Cloudy	Moderate	13:39	8.0	Surface	1.0	0.2	219	26.2	26.2	8.2	8.2	28.0	28.0	117.9	117.8	8.1	8.0	11.0	13.7	3	9	84	86	819582	805027	<0.2	<0.2	2.4	2.4
						1.0	0.2	223	26.2		8.2		28.0		117.7		8.1		11.1		5		84				<0.2		2.5	
					Middle	4.0	0.3	177	25.3	25.3	8.2	8.2	30.4	30.4	112.5	112.5	7.8		13.9		10		86				<0.2		2.2	
						4.0	0.3	177	25.3		8.2		30.4		112.5		7.8		14.0		11		86				<0.2		2.4	
					Bottom	7.0	0.2	161	25.1	25.1	8.2	8.2	30.9	30.9	109.7	109.7	7.6	7.6	16.0		12		88				<0.2		2.3	
						7.0	0.2	174	25.1		8.2		30.9		109.6		7.6		16.4		14		88				<0.2		2.3	
IM5	Cloudy	Moderate	13:30	7.3	Surface	1.0	0.1	201	26.4	26.4	8.2	8.2	27.5	27.5	117.2	117.2	8.1	8.0	11.2	13.3	4	8	83	85	820585	804929	<0.2	<0.2	3.0	2.8
						1.0	0.1	204	26.4		8.2		27.5		117.2		8.1		11.3		5		83				<0.2		2.8	
					Middle	3.7	0.3	156	25.5	25.5	8.2	8.2	29.9	29.9	112.7	112.7	7.8		14.0		8		85				<0.2		2.7	
						3.7	0.3	162	25.5		8.2		29.9		112.6		7.8		14.1		9		85				<0.2		2.9	
					Bottom	6.3	0.3	175	25.3	25.3	8.2	8.2	30.1	30.1	110.9	110.9	7.7	7.7	14.8		11		88				<0.2		2.8	
						6.3	0.3	175	25.3		8.2		30.1		110.9		7.7		14.3		10		88				<0.2		2.7	
IM6	Cloudy	Moderate	13:22	7.4	Surface	1.0	0.2	153	26.5	26.4	8.2	8.2	27.5	27.5	118.0	117.9	8.1	7.9	10.9	17.2	10	12	85	87	821088	805853	<0.2	<0.2	0.6	1.0
						1.0	0.2	163	26.4		8.2		27.5		117.7		8.1		11.1		8		85				<0.2		0.6	
					Middle	3.7	0.2	160	25.4	25.4	8.2	8.2	29.8	29.8	109.6	109.6	7.6		17.2		12		86				<0.2		0.8	
						3.7	0.2	170	25.4		8.2		29.8		109.5		7.6		17.3		12		86				<0.2		0.8	
					Bottom	6.4	0.1	141	25.3	25.3	8.2	8.2	30.0	30.0	107.7	107.9	7.5	7.5	23.6		14		89				<0.2		1.6	
						6.4	0.1	146	25.3		8.2		30.0		108.0		7.5		23.0		15		89				<0.2		1.4	
IM7	Cloudy	Moderate	13:15	8.9	Surface	1.0	0.2	84	26.8	26.8	8.2	8.2	26.5	26.5	118.2	118.0	8.2	8.0	10.9	16.4	4	8	84	86	821326	806820	<0.2	<0.2	1.8	1.6
						1.0	0.2	89	26.7		8.2		26.5		117.8		8.1		11.2		4		84				<0.2		1.9	
					Middle	4.5	0.1	78	25.7	25.7	8.2	8.2	28.5	28.5	113.6	113.5	7.9		14.7		7		86				<0.2		1.6	
						4.5	0.1	85	25.8		8.2		28.5		113.3		7.9		14.7		7		86				<0.2		1.8	
					Bottom	7.9	0.1	103	25.5	25.5	8.2	8.2	29.5	29.5	108.7	108.8	7.5	7.6	23.4		13		88				<0.2		1.1	
						7.9	0.2	106	25.5		8.2		29.5		108.9		7.6		23.3		14		88				<0.2		1.2	
IM8	Sunny	Moderate	13:40	8.2	Surface	1.0	0.2	156	26.1	26.1	8.0	8.0	25.7	25.8	102.5	102.7	7.2	7.3	5.2	8.6	6	5	85	88	821677	807830	<0.2	<0.2	3.2	3.1
						1.0	0.2	168	26.1		8.0		25.9		102.8		7.2		5.2		4		85				<0.2		3.1	
					Middle	4.1	0.2	100	25.7	25.7	8.0	8.0	27.9	28.0	106.2	106.0	7.4		9.9		5		88				<0.2		3.0	
						4.1	0.2	102	25.6		8.0		28.1		105.8		7.4		10.3		5		87				<0.2		3.0	
					Bottom	7.2	0.2	51	25.5	25.5	8.0	8.0	28.4	28.4	101.8	101.9	7.1	7.1	10.7		6		90				<0.2		2.9	
						7.2	0.2	54	25.5		8.0		28.4		101.9		7.1		10.4		5		90				<0.2		3.2	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 03 May 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	13:48	7.6	Surface	1.0	0.4	126	26.0	26.0	8.0	8.0	26.2	26.3	102.1	102.2	7.1	7.2	5.6	8.1	6	6	86	88	822118	808789	<0.2	<0.2	3.2	3.2
						1.0	0.4	135	26.0		8.0		26.3		102.2		7.2		5.7		6		85				<0.2		3.2	
					Middle	3.8	0.3	109	25.9	25.9	8.0	8.0	26.7	26.8	103.0	103.0	7.2		6.8		5		88				<0.2		3.2	
						3.8	0.3	117	25.9		8.0		26.9		103.0		7.2		7.6		7		89				<0.2		3.2	
					Bottom	6.6	0.4	89	25.8	25.8	8.0	8.0	27.6	27.5	101.6	101.6	7.1	7.1	11.6		6		91				<0.2		3.2	
						6.6	0.4	97	25.8		8.0		27.5		101.5		7.1		11.2		8		91				<0.2		3.3	
IM10	Cloudy	Moderate	13:56	7.4	Surface	1.0	0.6	116	26.2	26.2	8.0	8.0	26.0	26.1	105.7	105.6	7.4	7.2	6.3	8.7	4	5	85	89	822240	809852	<0.2	<0.2	3.3	3.4
						1.0	0.6	121	26.1		8.0		26.2		105.5		7.4		6.7		5		86				<0.2		3.9	
					Middle	3.7	0.5	108	25.9	25.9	8.0	8.0	26.8	26.8	100.4	100.4	7.0		8.6		5		89				<0.2		3.2	
						3.7	0.6	112	25.9		8.0		26.8		100.4		7.0		8.8		4		89				<0.2		3.4	
					Bottom	6.4	0.5	98	25.9	25.9	8.0	8.0	26.7	26.7	100.6	100.6	7.0	7.0	10.8		5		91				<0.2		3.1	
						6.4	0.5	100	25.9		8.0		26.7		100.5		7.0		10.8		4		92				<0.2		3.2	
IM11	Cloudy	Moderate	14:08	8.8	Surface	1.0	0.6	115	26.3	26.3	8.0	8.0	25.9	25.9	104.8	104.8	7.3	7.3	5.2	7.4	4	5	85	88	821515	810548	<0.2	<0.2	3.3	3.4
						1.0	0.6	126	26.2		8.0		25.9		104.8		7.3		5.5		4		85				<0.2		3.3	
					Middle	4.4	0.4	107	26.1	26.1	8.0	8.0	26.4	26.4	104.5	104.5	7.3		7.9		5		88				<0.2		3.6	
						4.4	0.4	112	26.1		8.0		26.4		104.4		7.3		8.0		5		88				<0.2		3.4	
					Bottom	7.8	0.3	101	26.1	26.2	8.0	8.0	26.7	26.7	103.8	103.7	7.2	7.2	9.0		5		91				<0.2		3.4	
						7.8	0.3	108	26.2		8.0		26.7		103.5		7.2		8.6		5		91				<0.2		3.4	
IM12	Cloudy	Moderate	14:15	9.2	Surface	1.0	0.5	116	26.5	26.5	8.0	8.0	25.6	25.7	107.5	107.6	7.5	7.6	4.6	7.4	8	8	86	88	821132	811531	<0.2	<0.2	2.2	2.3
						1.0	0.6	124	26.5		8.0		25.7		107.6		7.5		4.7		9		85				<0.2		2.2	
					Middle	4.6	0.4	97	26.4	26.4	8.0	8.0	26.4	26.5	108.9	109.0	7.6		7.4		7		88				<0.2		2.2	
						4.6	0.4	102	26.4		8.0		26.5		109.1		7.6		7.9		9		88				<0.2		2.4	
					Bottom	8.2	0.4	80	26.4	26.4	8.0	8.0	27.0	27.0	108.6	108.6	7.5	7.5	9.9		8		91				<0.2		2.2	
						8.2	0.4	81	26.4		8.0		27.0		108.5		7.5		9.7		9		90				<0.2		2.3	
SR2	Cloudy	Moderate	14:39	4.1	Surface	1.0	0.5	90	26.3	26.3	8.0	8.0	26.1	26.1	98.7	98.7	6.9	6.9	7.0	7.4	8	8	87	89	821455	814166	<0.2	<0.2	2.3	2.3
						1.0	0.5	92	26.3		8.0		26.1		98.7		6.9		7.2		8		87				<0.2		2.2	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	0.3	86	26.3	26.4	8.0	8.0	26.1	26.1	98.6	98.6	6.9	6.9	7.8		9		90				<0.2		2.3	
						3.1	0.3	92	26.4		8.0		26.1		98.6		6.9		7.8		8		90				<0.2		2.2	
SR3	Cloudy	Moderate	13:35	9.2	Surface	1.0	0.4	181	25.9	25.9	8.0	8.0	26.0	26.1	96.3	96.6	6.8	7.0	8.3	10.5	4	5	-	-	822145	807545	-	-	-	-
						1.0	0.4	187	25.9		8.0		26.1		96.8		6.8		8.6		5		-				-		-	
					Middle	4.6	0.2	145	25.7	25.7	8.0	8.0	27.8	27.8	103.7	103.8	7.2		11.6		5		-				-		-	
						4.6	0.2	154	25.7		8.0		27.9		103.9		7.2		11.7		4		-				-		-	
					Bottom	8.2	0.2	57	25.8	25.8	8.0	8.0	27.6	27.5	102.9	102.8	7.2	7.2	11.7		6		-				-		-	
						8.2	0.3	62	25.8		8.0		27.5		102.6		7.2		11.3		5		-				-		-	
SR4A	Cloudy	Calm	14:37	8.4	Surface	1.0	0.2	84	26.8	26.8	8.2	8.2	27.4	27.4	115.7	115.3	7.9	7.7	14.1	21.3	10	17	-	-	817178	807789	-	-	-	-
						1.0	0.2	88	26.8		8.2		27.4		114.8		7.9		14.5		11		-				-		-	
					Middle	4.2	0.2	84	25.4	25.4	8.2	8.2	29.8	29.8	106.6	106.6	7.4		21.3		14		-				-		-	
						4.2	0.2	86	25.4		8.2		29.7		106.6		7.4		21.5		13		-				-		-	
					Bottom	7.4	0.1	70	25.3	25.3	8.2	8.2	30.2	30.1	105.4	105.5	7.3	7.3	28.2		28		-				-		-	
						7.4	0.1	71	25.3		8.2		30.1		105.6		7.3		27.9		26		-				-		-	
SR5A	Cloudy	Calm	14:53	4.7	Surface	1.0	0.1	7	27.2	27.2	8.1	8.1	27.3	27.3	111.2	111.2	7.6	7.6	10.0	10.3	7	7	-	-	816595	810682	-	-	-	-
						1.0	0.1	7	27.2		8.1		27.3		111.1		7.6		10.0		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.7	0.1	81	27.1	27.1	8.1	8.1	27.3	27.3	108.4	108.4	7.4	7.4	10.5		7		-				-		-	
						3.7	0.1	85	27.1		8.1		27.3		108.3		7.4		10.6		7		-				-		-	
SR6	Cloudy	Calm	15:16	4.2	Surface	1.0	0.1	71	26.9	26.9	8.1	8.1	27.0	27.0	113.7	113.6	7.8	7.8	10.8	11.1	8	9	-	-	817923	814648	-	-	-	-
						1.0	0.1	74	26.9		8.1		27.0		113.5		7.8		10.8		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.1	68	26.7	26.8	8.1	8.1	27.4	27.4	110.4	110.1	7.6	7.6	11.3		11		-				-		-	
						3.2	0.1	73	26.8		8.1		27.4		109.8		7.5		11.4		9		-				-		-	
SR7	Cloudy	Moderate	15:26	17.8	Surface	1.0	0.7	78	25.7	25.7	8.0	8.0	28.2	28.2	97.6	97.5	6.8	6.8	2.1	2.6	4	4	-	-	823613	823761	-	-	-	-
						1.0	0.8	78	25.7		8.0		28.3		97.3		6.8		2.1		5		-				-		-	
					Middle	8.9	0.5	76	25.4	25.4	8.0	8.0	29.3	29.3	96.1	96.1	6.7		2.8		4		-				-		-	
						8.9	0.5	77	25.4		8.0		29.3		96.1		6.7		2.9		3		-				-		-	
					Bottom	16.8	0.2	30	25.4	25.5	8.0	8.0	29.2	29.2	96.6	96.7	6.7	6.7	3.1		4		-				-		-	
						16.8	0.2	30	25.5		8.0		29.1		96.8		6.7		2.9		4		-				-		-	
SR8	Cloudy	Moderate	14:26	4.2	Surface	1.0	-	-	26.4	26.4	8.0	8.0	26.2	26.2	101.5	101.5	7.1	7.1	5.8	5.9	7	9	-	-	820246	811418	-	-	-	-
						1.0	-	-	26.4		8.0		26.3		101.4		7.0		5.9		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	-	-	26.4	26.4	8.0	8.0	26.3	26.3	101.5	101.5	7.1	7.1	6.0		9		-				-		-	
						3.2	-	-	26.4		8.0		26.3		101.5		7.1		5.9		10		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 03 May 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	08:46	8.7	Surface	1.0	0.6	50	25.8	25.8	8.1	8.1	26.9	26.9	107.4	107.4	7.5	7.5	13.4	18.4	5	14	83	86	815608	804220	<0.2	<0.2	1.8	1.5
						1.0	0.7	52	25.8		8.1		26.9		107.4		7.5		13.1		5		83				<0.2		1.8	
					Middle	4.4	0.4	46	25.2	25.2	8.2	8.2	30.4	30.4	108.9	109.0	7.5		16.3		10		85				<0.2		1.3	
						4.4	0.5	48	25.2		8.2		30.5		109.0		7.5		16.8		12		86				<0.2		1.3	
					Bottom	7.7	0.4	42	25.2	25.2	8.2	8.2	30.5	30.5	107.2	107.1	7.4	7.4	25.4		24		88				<0.2		1.2	
						7.7	0.5	43	25.2		8.2		30.5		106.9		7.4		25.3		26		88				<0.2		1.4	
C2	Sunny	Moderate	09:25	13.5	Surface	1.0	0.5	354	26.0	26.0	7.8	7.8	21.6	21.6	87.5	87.5	6.3	6.2	3.8	6.2	5	5	83	87	825663	806974	<0.2	<0.2	4.0	3.5
						1.0	0.5	326	26.0		7.8		21.6		87.4		6.3		3.8		5		83				<0.2		3.6	
					Middle	6.8	0.6	348	25.9	25.9	7.8	7.8	24.8	24.9	86.8	86.8	6.1		4.0		6		88				<0.2		3.4	
						6.8	0.7	320	25.9		7.8		24.9		86.7		6.1		3.8		5		88				<0.2		3.2	
					Bottom	12.5	0.5	354	25.8	25.8	7.8	7.8	25.3	25.3	86.4	86.5	6.1	6.1	10.8		6		91				<0.2		3.4	
						12.5	0.5	326	25.8		7.8		25.3		86.5		6.1		10.9		4		91				<0.2		3.5	
C3	Cloudy	Moderate	07:36	11.6	Surface	1.0	0.4	264	25.9	25.9	7.9	7.9	26.2	26.2	91.8	91.8	6.4	6.4	3.0	4.7	6	5	84	88	822121	817827	<0.2	<0.2	2.0	2.4
						1.0	0.4	273	25.9		7.9		26.2		91.8		6.4		3.0		4		84				<0.2		2.4	
					Middle	5.8	0.6	269	25.4	25.4	7.9	7.9	28.3	28.3	90.0	90.0	6.3		4.3		6		88				<0.2		2.7	
						5.8	0.6	277	25.4		7.9		28.4		89.9		6.3		4.8		4		89				<0.2		2.3	
					Bottom	10.6	0.6	272	25.2	25.2	7.9	7.9	29.0	29.0	89.6	89.6	6.3	6.3	6.5		6		91				<0.2		2.2	
						10.6	0.6	275	25.2		7.9		29.0		89.6		6.3		6.3		6		91				<0.2		2.9	
IM1	Cloudy	Moderate	09:04	7.8	Surface	1.0	0.5	12	26.0	26.0	8.1	8.1	26.4	26.4	105.8	105.8	7.4	7.4	10.6	15.1	5	6	84	86	818332	806460	<0.2	<0.2	1.8	1.9
						1.0	0.6	12	26.0		8.1		26.5		105.7		7.4		10.7		6		84				<0.2		1.8	
					Middle	3.9	0.5	9	25.9	25.9	8.1	8.1	27.0	27.0	105.5	105.6	7.4		12.1		5		86				<0.2		1.8	
						3.9	0.5	9	25.9		8.1		27.0		105.6		7.4		12.5		6		86				<0.2		1.8	
					Bottom	6.8	0.4	352	25.8	25.8	8.1	8.1	28.5	28.5	105.8	105.8	7.3	7.3	22.4		8		88				<0.2		1.8	
						6.8	0.4	324	25.8		8.1		28.5		105.7		7.3		22.4		6		88				<0.2		2.2	
IM2	Cloudy	Moderate	09:09	8.6	Surface	1.0	0.5	16	26.0	26.0	8.1	8.1	26.4	26.4	104.3	104.3	7.3	7.3	11.1	16.5	4	6	84	86	818823	806205	<0.2	<0.2	1.9	1.8
						1.0	0.5	16	26.0		8.1		26.4		104.3		7.3		11.2		3		84				<0.2		1.9	
					Middle	4.3	0.6	12	26.0	26.0	8.1	8.1	26.5	26.5	104.6	104.7	7.3		16.1		5		85				<0.2		1.9	
						4.3	0.6	12	26.0		8.1		26.5		104.7		7.3		16.1		5		86				<0.2		1.9	
					Bottom	7.6	0.5	8	25.8	25.8	8.1	8.1	28.5	28.5	104.7	104.7	7.3	7.3	22.4		8		87				<0.2		1.6	
						7.6	0.5	8	25.8		8.1		28.5		104.6		7.3		22.2		9		88				<0.2		1.8	
IM3	Cloudy	Moderate	09:14	8.7	Surface	1.0	0.6	18	26.0	26.0	8.1	8.1	26.0	26.0	104.6	104.6	7.3	7.4	10.1	14.3	4	5	83	86	819409	806042	<0.2	<0.2	1.9	1.8
						1.0	0.6	18	26.0		8.1		26.0		104.6		7.3		10.2		3		84				<0.2		2.0	
					Middle	4.4	0.7	21	25.8	25.8	8.1	8.1	26.4	26.4	105.3	105.4	7.4		12.6		5		86				<0.2		2.0	
						4.4	0.7	21	25.8		8.1		26.4		105.4		7.4		12.2		6		86				<0.2		1.8	
					Bottom	7.7	0.5	16	25.7	25.7	8.1	8.1	28.2	28.2	104.7	104.7	7.3	7.3	20.3		5		88				<0.2		1.6	
						7.7	0.5	16	25.7		8.1		28.2		104.7		7.3		20.2		6		88				<0.2		1.6	
IM4	Cloudy	Moderate	09:21	8.2	Surface	1.0	0.5	3	25.9	25.9	8.1	8.1	26.3	26.3	108.0	108.1	7.6	7.6	10.2	16.0	5	8	84	86	819543	805046	<0.2	<0.2	1.9	1.6
						1.0	0.6	3	25.9		8.1		26.3		108.2		7.6		10.4		5		85				<0.2		1.8	
					Middle	4.1	0.6	7	25.7	25.7	8.2	8.2	28.2	28.3	108.9	108.9	7.6		15.8		5		86				<0.2		1.8	
						4.1	0.7	7	25.7		8.2		28.3		108.8		7.6		16.1		6		86				<0.2		1.6	
					Bottom	7.2	0.6	12	25.6	25.6	8.2	8.2	29.2	29.2	105.7	105.7	7.3	7.3	21.8		11		88				<0.2		1.2	
						7.2	0.6	12	25.6		8.2		29.2		105.7		7.3		21.9		13		88				<0.2		1.2	
IM5	Cloudy	Moderate	09:32	7.5	Surface	1.0	0.8	6	26.0	26.0	8.1	8.1	26.4	26.4	107.2	107.2	7.5	7.5	10.0	15.8	7	7	86	88	820583	804948	<0.2	<0.2	2.0	1.8
						1.0	0.9	6	26.0		8.1		26.4		107.2		7.5		10.3		6		86				<0.2		1.9	
					Middle	3.8	0.9	8	25.9	25.9	8.1	8.1	26.8	26.8	107.1	107.1	7.5		14.9		5		88				<0.2		1.8	
						3.8	0.9	8	25.9		8.1		26.9		107.1		7.5		15.2		7		88				<0.2		1.7	
					Bottom	6.5	0.7	5	25.6	25.6	8.2	8.2	29.0	28.9	105.5	105.5	7.3	7.3	22.1		8		90				<0.2		1.7	
						6.5	0.7	5	25.6		8.2		28.9		105.5		7.3		22.2		7		90				<0.2		1.6	
IM6	Cloudy	Moderate	09:39	7.4	Surface	1.0	0.3	17	26.1	26.1	8.1	8.1	26.3	26.3	105.0	105.1	7.3	7.3	14.2	19.2	11	12	85	87	821032	805847	<0.2	<0.2	1.8	1.7
						1.0	0.3	18	26.1		8.1		26.4		105.1		7.3		14.3		10		85				<0.2		1.7	
					Middle	3.7	0.3	28	25.9	25.9	8.1	8.1	27.2	27.2	104.5	104.5	7.3		19.8		10		88				<0.2		1.8	
						3.7	0.3	30	25.9		8.1		27.2		104.5		7.3		19.8		10		88				<0.2		1.6	
					Bottom	6.4	0.3	33	25.9	25.9	8.1	8.1	27.4	27.3	103.7	103.7	7.2	7.2	23.6		14		89				<0.2		1.5	
						6.4	0.3	36	25.9		8.1		27.3		103.7		7.2		23.6		16		89				<0.2		1.5	
IM7	Cloudy	Moderate	09:46	8.7	Surface	1.0	0.5	17	26.0	26.0	8.1	8.1	27.2	27.2	106.5	106.4	7.4	7.4	18.5	21.2	14	19	86	88	821355	806828	<0.2	<0.2	1.6	1.6
						1.0	0.6	18	26.0		8.1		27.2		106.3		7.4		18.7		13		86				<0.2		1.5	
					Middle	4.4	0.4	22	26.0	26.0	8.1	8.1	27.3	27.3	105.6	105.6	7.4		20.4		21		88				<0.2		1.5	
						4.4	0.5	22	26.0		8.1		27.3		105.5		7.4		20.5		22		88				<0.2		1.4	
					Bottom	7.7	0.4	29	25.9	25.9	8.1	8.1	27.4	27.4	105.0	105.0	7.3	7.3	24.5		22		89				<0.2		1.8	
						7.7	0.5	30	25.9		8.1		27.4		105.0		7.3		24.8		24		90				<0.2		1.7	
IM8	Sunny	Moderate	08:59	8.4	Surface	1.0	0.1	130	26.0	26.0	7.9	7.9	23.9	23.9	90.6	90.8	6.4	6.5	4.9	8.2	6	6	84	88	821669	807814	<0.2	<0.2	3.1	3.3
						1.0	0.1	141	26.0		8.0		23.9		90.9		6.4		5.1		6		84				<0.2		3.4	
					Middle	4.2	0.2	71	25.9	25.9	8.0	8.0	25.1	25.1	93.1	93.3	6.6		8.8		6		88				<0.2		3.4	
						4.2	0.2	72	25.9		8.0		25.2		93.4		6.6		9.5		5		88				<0.2		3.2	
					Bottom	7.4	0.4	51	25.9	25.9	8.0	8.0	25.4	25.4	93.8	93.9	6.6	6.6	10.4		7		91				<0.2		3.3	
						7.4	0.4	51	25.9		8.0		25.4		93.9		6.6		10.4		8		90				<0.2		3.1	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 03 May 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	08:51	7.4	Surface	1.0	0.3	334	25.9	25.9	7.9	7.9	24.4	24.4	89.8	89.8	6.4	6.4	14.2	16.5	21	25	84	87	822120	808803	<0.2	<0.2	3.1	3.0
						1.0	0.3	351	25.9		7.9		24.4		89.8		6.4		13.8		22		84				<0.2		2.9	
					Middle	3.7	0.3	334	25.9	25.9	7.9	7.9	24.5	24.5	90.2	90.3	6.4		15.2		22		87				<0.2		3.0	
						3.7	0.3	346	25.9		7.9		24.5		90.3		6.4		16.4		24		87				<0.2		3.0	
					Bottom	6.4	0.3	334	25.9	25.9	7.9	7.9	24.8	24.8	92.0	92.1	6.5	6.5	19.4		28		89				<0.2		3.0	
						6.4	0.4	307	25.9		7.9		24.8		92.1		6.5		19.8		30		89				<0.2		3.0	
IM10	Sunny	Moderate	08:44	7.3	Surface	1.0	0.4	313	26.0	26.0	7.9	7.9	24.7	24.7	91.4	91.4	6.5	6.5	7.6	13.2	12	13	85	88	822258	809833	<0.2	<0.2	3.1	3.1
						1.0	0.5	321	26.0		7.9		24.7		91.4		6.5		8.1		13		86				<0.2		3.1	
					Middle	3.7	0.5	313	25.9	25.9	7.9	7.9	25.1	25.1	91.1	91.2	6.4		10.3		11		89				<0.2		3.2	
						3.7	0.5	313	25.9		7.9		25.2		91.2		6.4		10.4		13		88				<0.2		3.0	
					Bottom	6.3	0.5	309	25.9	25.9	7.9	7.9	25.2	25.2	92.5	92.6	6.5	6.5	21.5		15		91				<0.2		3.0	
						6.3	0.5	334	25.9		7.9		25.2		92.7		6.5		21.2		14		91				<0.2		3.0	
IM11	Sunny	Moderate	08:30	8.3	Surface	1.0	0.4	292	26.0	26.0	7.9	7.9	25.0	25.0	90.6	90.6	6.4	6.4	6.2	12.5	10	10	84	86	821495	810533	<0.2	<0.2	3.1	3.1
						1.0	0.4	308	26.0		7.9		25.0		90.6		6.4		6.1		9		84				<0.2		2.9	
					Middle	4.2	0.3	284	25.9	25.9	7.9	7.9	25.9	25.9	89.8	89.8	6.3		10.2		9		85				<0.2		3.0	
						4.2	0.3	297	25.9		7.9		26.0		89.8		6.3		10.8		10		86				<0.2		3.1	
					Bottom	7.3	0.2	282	25.9	25.9	7.9	7.9	26.3	26.3	91.2	91.3	6.4	6.4	20.9		11		88				<0.2		3.1	
						7.3	0.2	308	25.9		7.9		26.3		91.4		6.4		20.9		12		88				<0.2		3.1	
IM12	Sunny	Moderate	08:23	8.0	Surface	1.0	0.7	294	26.0	26.0	7.9	7.9	25.0	25.0	91.8	91.8	6.5	6.5	10.2	10.9	11	11	83	86	821167	811500	<0.2	<0.2	3.1	3.0
						1.0	0.7	323	26.0		7.9		25.0		91.8		6.5		10.1		11		84				<0.2		3.0	
					Middle	4.0	0.6	288	26.0	26.0	7.9	7.9	25.4	25.5	93.1	93.2	6.5		10.6		10		85				<0.2		2.9	
						4.0	0.7	314	26.0		7.9		25.6		93.3		6.6		10.5		12		85				<0.2		3.0	
					Bottom	7.0	0.6	280	26.1	26.1	7.9	7.9	26.3	26.3	94.4	94.5	6.6	6.6	11.8		12		89				<0.2		2.7	
						7.0	0.6	303	26.0		7.9		26.3		94.5		6.6		12.0		11		90				<0.2		3.0	
SR2	Cloudy	Calm	07:56	4.1	Surface	1.0	0.1	62	25.8	25.8	7.9	7.9	26.3	26.3	88.9	89.0	6.2	6.2	9.3	10.7	12	12	86	88	821491	814194	<0.2	<0.2	2.6	2.8
						1.0	0.1	65	25.8		7.9		26.3		89.0		6.2		9.8		12		86				<0.2		2.7	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	0.1	105	25.8	25.8	7.9	7.9	26.8	26.8	90.4	90.5	6.3	6.3	11.9		11		89				<0.2		3.1	
						3.1	0.1	105	25.8		7.9		26.8		90.5		6.3		12.0		11		89				<0.2		2.6	
SR3	Sunny	Moderate	09:05	9.2	Surface	1.0	0.1	5	26.0	26.0	7.9	7.9	23.5	23.5	89.1	89.2	6.3	6.4	4.3	7.5	8	10	-	-	822165	807598	-	-	-	-
						1.0	0.1	5	26.0		7.9		23.5		89.2		6.3		4.4		10		-				-		-	
					Middle	4.6	0.3	17	25.9	25.9	8.0	8.0	24.5	24.6	90.7	90.8	6.4		6.7		9		-				-		-	
						4.6	0.4	17	25.9		8.0		24.6		90.8		6.4		7.0		10		-				-		-	
					Bottom	8.2	0.3	15	25.9	25.9	8.0	8.0	25.0	25.0	91.2	91.2	6.4	6.4	11.8		10		-				-		-	
						8.2	0.3	15	25.9		8.0		25.0		91.2		6.4		11.1		12		-				-		-	
SR4A	Cloudy	Calm	08:24	9.3	Surface	1.0	0.3	250	26.1	26.1	8.1	8.1	26.7	26.7	101.6	101.6	7.1	7.1	9.2	10.7	6	8	-	-	817173	807822	-	-	-	-
						1.0	0.4	264	26.1		8.1		26.7		101.6		7.1		9.2		6		-				-		-	
					Middle	4.7	0.4	250	26.1	26.1	8.1	8.1	26.8	26.8	100.5	100.5	7.0		10.4		6		-				-		-	
						4.7	0.4	251	26.1		8.1		26.8		100.5		7.0		10.5		8		-				-		-	
					Bottom	8.3	0.3	255	26.2	26.2	8.1	8.1	27.2	27.2	100.4	100.4	7.0	7.0	12.4		10		-				-		-	
						8.3	0.4	263	26.2		8.1		27.2		100.4		7.0		12.2		11		-				-		-	
SR5A	Cloudy	Calm	08:09	5.6	Surface	1.0	0.4	294	26.5	26.5	8.1	8.1	27.5	27.5	105.9	105.9	7.3	7.3	11.4	12.4	4	8	-	-	816600	810716	-	-	-	-
						1.0	0.4	299	26.5		8.1		27.5		105.9		7.3		11.5		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.6	0.4	301	26.5	26.5	8.1	8.1	27.5	27.5	104.7	104.7	7.2	7.2	13.3		11		-				-		-	
						4.6	0.4	306	26.5		8.1		27.5		104.6		7.2		13.3		12		-				-		-	
SR6	Cloudy	Calm	07:47	4.1	Surface	1.0	0.2	252	26.0	26.0	8.0	8.0	26.1	26.1	97.8	97.8	6.8	6.8	11.1	11.4	8	8	-	-	817900	814690	-	-	-	-
						1.0	0.2	258	26.0		8.0		26.1		97.8		6.8		11.1		9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	0.2	241	26.0	26.0	8.0	8.0	26.1	26.1	97.9	98.0	6.9	6.9	11.7		8		-				-		-	
						3.1	0.2	264	26.0		8.0		26.1		98.0		6.9		11.8		7		-				-		-	
SR7	Cloudy	Moderate	07:02	14.6	Surface	1.0	0.2	165	25.9	25.9	7.9	7.9	26.2	26.2	92.7	92.7	6.5	6.4	2.2	2.4	2	4	-	-	823615	823751	-	-	-	-
						1.0	0.2	180	25.9		7.9		26.3		92.6		6.5		2.2		4		-				-		-	
					Middle	7.3	0.2	214	25.3	25.3	8.0	8.0	28.8	28.8	89.9	89.9	6.3		2.5		4		-				-		-	
						7.3	0.2	219	25.3		8.0		28.8		89.9		6.3		2.5		5		-				-		-	
					Bottom	13.6	0.1	165	25.3	25.3	8.0	8.0	28.8	28.8	90.0	90.0	6.3	6.3	2.4		4		-				-		-	
						13.6	0.2	168	25.3		8.0		28.8		90.0		6.3		2.5		5		-				-		-	
SR8	Cloudy	Calm	08:18	4.1	Surface	1.0	-	-	26.0	26.0	7.9	7.9	24.9	24.9	91.2	91.2	6.4	6.4	4.1	4.5	6	6	-	-	820246	811418	-	-	-	-
						1.0	-	-	26.0		7.9		25.0		91.2		6.4		4.1		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	-	-	26.0	26.0	7.9	7.9	25.1	25.1	91.6	91.7	6.5	6.5	4.7		6		-				-		-	
						3.1	-	-	26.0		7.9		25.1		91.7		6.5		5.1		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 May 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	Fine	Moderate	15:40	8.6	Surface	1.0	0.5	241	25.8	25.8	8.3	8.3	29.6	29.6	119.6	119.6	8.2	7.8	10.3	18.4	4	10	86	88	815591	804260	<0.2	<0.2	<0.2	1.4	1.3
						1.0	0.5	254	25.8		8.3		29.6		119.6		8.2		10.3		5		85				<0.2			1.4	
					Middle	4.3	0.5	219	25.1	25.1	8.2	8.2	31.3	31.3	106.1	106.1	7.3		20.0		5		88				<0.2	<0.2		1.4	
						4.3	0.5	239	25.1		8.2		31.3		106.1		7.3		20.0		7		88				<0.2			1.4	
					Bottom	7.6	0.4	206	25.0	25.0	8.2	8.2	31.5	31.5	107.0	107.0	7.4	7.4	25.0		20		90				<0.2	<0.2		1.0	
						7.6	0.4	210	25.0		8.2		31.5		107.0		7.4		25.0		20		90				<0.2			1.0	
C2	Sunny	Moderate	14:34	12.1	Surface	1.0	0.4	204	26.2	26.2	7.9	7.9	25.6	25.6	97.7	97.7	6.8	6.6	6.6	7.9	6	6	85	88	825661	806970	<0.2	<0.2	<0.2	3.2	3.0
						1.0	0.5	216	26.2		7.9		25.6		97.7		6.8		6.7		6		86				<0.2			2.9	
					Middle	6.1	0.5	162	25.5	25.5	7.9	7.9	27.0	27.0	91.8	91.8	6.5		8.1		6		88				<0.2	<0.2		3.2	
						6.1	0.6	162	25.5		7.9		27.0		91.7		6.4		8.0		5		88				<0.2			3.0	
					Bottom	11.1	0.3	143	25.2	25.2	7.9	7.9	29.5	29.5	88.8	88.9	6.2	6.2	8.9		8		90				<0.2	<0.2		2.9	
						11.1	0.3	145	25.2		7.9		29.5		88.9		6.2		8.9		7		90				<0.2			2.9	
C3	Sunny	Moderate	16:35	12.0	Surface	1.0	0.1	92	25.4	25.4	8.0	8.0	29.3	29.3	100.0	100.0	7.0	7.0	4.7	5.5	4	3	86	88	822129	817775	<0.2	<0.2	<0.2	1.5	1.6
						1.0	0.2	95	25.4		8.0		29.3		100.0		7.0		4.7		2		85				<0.2			1.6	
					Middle	6.0	0.2	94	25.4	25.4	8.0	8.0	29.4	29.4	99.5	99.5	6.9		4.4		3		88				<0.2	<0.2		1.6	
						6.0	0.2	99	25.4		8.0		29.4		99.5		6.9		4.4		2		87				<0.2			1.7	
					Bottom	11.0	0.2	50	25.1	25.1	8.0	8.0	30.1	30.1	94.7	94.7	6.6	6.6	7.4		4		90				<0.2	<0.2		1.7	
						11.0	0.2	51	25.1		8.0		30.1		94.6		6.6		7.3		5		90				<0.2			1.5	
IM1	Fine	Moderate	15:21	7.6	Surface	1.0	0.3	205	25.8	25.8	8.3	8.3	29.7	29.7	119.6	119.6	8.2	8.0	9.4	11.2	3	5	86	88	818332	806464	<0.2	<0.2	<0.2	1.3	1.3
						1.0	0.3	206	25.8		8.3		29.7		119.6		8.2		9.4		5		85				<0.2			1.4	
					Middle	3.8	0.3	182	25.4	25.4	8.3	8.3	30.2	30.2	112.8	112.8	7.8		11.5		6		88				<0.2	<0.2		1.4	
						3.8	0.3	186	25.4		8.3		30.2		112.8		7.8		11.5		4		88				<0.2			1.2	
					Bottom	6.6	0.4	181	25.2	25.2	8.2	8.2	30.8	30.8	114.3	114.3	7.9	7.9	12.8		6		90				<0.2	<0.2		1.1	
						6.6	0.4	197	25.2		8.2		30.8		114.3		7.9		12.8		7		90				<0.2			1.3	
IM2	Fine	Moderate	15:15	8.9	Surface	1.0	0.3	216	25.7	25.7	8.3	8.3	29.8	29.8	119.0	119.0	8.2	8.1	9.3	9.5	5	5	86	88	818874	806185	<0.2	<0.2	<0.2	1.2	1.3
						1.0	0.4	222	25.7		8.3		29.8		118.9		8.2		9.4		6		85				<0.2			1.3	
					Middle	4.5	0.3	200	25.5	25.5	8.3	8.3	29.9	29.9	115.0	115.0	8.0		9.5		6		88				<0.2	<0.2		1.3	
						4.5	0.3	213	25.5		8.3		29.9		115.0		8.0		9.5		4		88				<0.2			1.4	
					Bottom	7.9	0.3	177	25.4	25.4	8.2	8.2	30.3	30.3	114.6	114.6	7.9	7.9	9.6		5		90				<0.2	<0.2		1.3	
						7.9	0.3	191	25.4		8.2		30.3		114.6		7.9		9.6		6		90				<0.2			1.3	
IM3	Fine	Moderate	15:08	8.6	Surface	1.0	0.2	229	25.7	25.7	8.3	8.3	29.8	29.8	120.4	120.3	8.3	8.2	9.6	10.6	3	6	86	88	819417	806032	<0.2	<0.2	<0.2	1.3	1.3
						1.0	0.2	249	25.7		8.3		29.8		120.2		8.3		9.7		5		85				<0.2			1.3	
					Middle	4.3	0.3	211	25.5	25.5	8.3	8.3	30.0	30.0	116.0	116.0	8.0		10.9		5		88				<0.2	<0.2		1.5	
						4.3	0.3	221	25.5		8.3		30.0		116.0		8.0		10.9		6		88				<0.2			1.3	
					Bottom	7.6	0.3	191	25.4	25.4	8.2	8.2	30.2	30.2	116.6	116.6	8.1	8.1	11.3		7		90				<0.2	<0.2		1.3	
						7.6	0.3	210	25.4		8.2		30.2		116.6		8.1		11.3		8		90				<0.2			1.3	
IM4	Fine	Moderate	15:00	8.1	Surface	1.0	0.2	216	25.7	25.7	8.3	8.3	29.7	29.7	114.6	114.6	7.9	7.8	11.7	14.2	4	7	85	88	819568	805065	<0.2	<0.2	<0.2	1.5	1.3
						1.0	0.2	226	25.7		8.3		29.7		114.6		7.9		11.7		5		86				<0.2			1.5	
					Middle	4.1	0.4	193	25.3	25.3	8.2	8.2	30.5	30.5	111.0	111.0	7.7		14.7		5		88				<0.2	<0.2		1.3	
						4.1	0.4	211	25.3		8.2		30.5		111.0		7.7		14.7		5		88				<0.2			1.2	
					Bottom	7.1	0.3	204	25.2	25.2	8.2	8.2	30.8	30.8	113.1	113.1	7.8	7.8	16.2		10		90				<0.2	<0.2		1.0	
						7.1	0.3	218	25.2		8.2		30.8		113.1		7.8		16.2		10		90				<0.2			1.0	
IM5	Fine	Moderate	14:51	7.5	Surface	1.0	0.2	222	25.7	25.7	8.2	8.2	29.3	29.3	115.0	115.0	7.9	7.7	11.0	13.0	6	7	86	88	820590	804902	<0.2	<0.2	<0.2	1.5	1.4
						1.0	0.2	241	25.7		8.2		29.3		115.0		7.9		11.0		7		86				<0.2			1.4	
					Middle	3.8	0.2	182	25.3	25.3	8.2	8.2	30.0	30.0	108.4	108.4	7.5		14.1		5		88				<0.2	<0.2		1.5	
						3.8	0.2	189	25.3		8.2		30.0		108.4		7.5		14.1		6		88				<0.2			1.4	
					Bottom	6.5	0.2	184	25.3	25.3	8.2	8.2	30.5	30.5	111.7	111.7	7.7	7.7	13.9		8		91				<0.2	<0.2		1.4	
						6.5	0.2	201	25.3		8.2		30.5		111.7		7.7		13.9		8		90				<0.2			1.3	
IM6	Fine	Moderate	14:42	7.2	Surface	1.0	0.3	222	25.9	25.9	8.3	8.3	29.5	29.5	121.7	121.7	8.4	8.2	11.2	14.6	6	6	86	88	821081	805850	<0.2	<0.2	<0.2	1.4	1.4
						1.0	0.3	234	25.9		8.3		29.5		121.7		8.4		11.2		4		86				<0.2			1.4	
					Middle	3.6	0.2	211	25.6	25.6	8.2	8.2	29.6	29.6	114.8	114.8	7.9		15.5		5		88				<0.2	<0.2		1.5	
						3.6	0.2	218	25.6		8.2		29.6		114.8		7.9		15.5		7		88				<0.2			1.4	
					Bottom	6.2	0.2	221	25.4	25.4	8.2	8.2	30.3	30.3	116.0	116.0	8.0	8.0	17.1		6		90				<0.2	<0.2		1.4	
						6.2	0.2	233	25.4		8.2		30.3		116.0		8.0		17.1		6		91				<0.2			1.5	
IM7	Fine	Moderate	14:35	8.8	Surface	1.0	0.2	204	26.1	26.1	8.2	8.2	27.1	27.1	114.4	114.4	8.0	7.9	9.8	13.3	4	7	88	88	821349	806851	<0.2	<0.2	<0.2	2.3	1.8
						1.0	0.2	206	26.1		8.2		27.1		114.4		8.0		9.9		3		85				<0.2			2.3	
					Middle	4.4	0.2	111	25.6	25.6	8.2	8.2	29.9	29.9	112.0	112.0	7.7		13.7		8		88				<0.2	<0.2		1.5	
						4.4	0.3	118	25.6		8.2		29.9		112.0		7.7		13.7		8		87				<0.2			1.6	
					Bottom	7.8	0.2	156	25.3	25.3	8.2	8.2	30.2	30.2	111.0	111.0	7.7	7.7	16.4		8		90				<0.2	<0.2		1.4	
						7.8	0.2	166	25.3		8.2		30.2		111.0		7.7		16.4		10		90				<0.2			1.5	
IM8	Sunny	Moderate	14:59	8.7	Surface	1.0	0.2	207	26.1	26.1	8.0	8.0	26.3	26.3	107.5	107.6	7.5	7.5	4.3	7.1	4	3	86	88	821710	807853	<0.2	<0.2	<0.2	3.7	3.3
						1.0	0.2	209	26.1		8.0		26.3		107.6		7.5		4.4		2		86				<0.2			3.6	
					Middle	4.4	0.2	143	25.5	25.5	8.0	8.0	28.4	28.4	106.0	106.0	7.4		7.6		3		88				<0.2	<0.2		3.2	
						4.4	0.2	151	25.5		8.0		28.4		106.0		7.4		7.6		3		88				<0.2			3.0	
					Bottom	7.7	0.1	82	25.3	25.3	8.0	8.0	29.5	29.5	105.1	105.2	7.3	7.3	9.2		2		90				<0.2	<0.2		3.2	
						7.7	0.1	86	25.3		8.0		29.5		105.2		7.3		9.3		3		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 05 May 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	Sunny	Moderate	15:08	7.3	Surface	1.0	0.3	155	25.8	25.8	8.0	8.0	27.6	27.6	102.2	102.2	7.1	7.2	7.1	7.8	4	4	86	88	822115	808781	<0.2	<0.2	<0.2	2.5	2.4
						1.0	0.3	165	25.8		8.0		27.6		102.2		7.1		7.2		4		86				<0.2			2.3	
					Middle	3.7	0.3	144	25.5	25.5	8.1	8.1	28.1	28.2	103.4	103.5	7.2		7.5		4		88				<0.2	<0.2		2.8	
						3.7	0.3	148	25.5		8.1		28.2		103.5		7.2		7.5		3		88				<0.2			2.4	
					Bottom	6.3	0.2	85	25.5	25.5	8.1	8.1	29.2	29.2	108.8	108.8	7.6	7.6	8.8		4		90				<0.2	<0.2		2.2	
						6.3	0.2	86	25.5		8.1		29.2		108.7		7.6		8.7		4		91				<0.2			2.3	
IM10	Sunny	Moderate	15:18	7.7	Surface	1.0	0.5	140	26.2	26.2	8.0	8.0	26.4	26.4	103.4	103.4	7.2	7.2	4.7	8.1	4	4	85	88	822224	809829	<0.2	<0.2	<0.2	2.6	2.6
						1.0	0.6	142	26.2		8.0		26.4		103.4		7.2		4.7		4		86				<0.2			2.5	
					Middle	3.9	0.5	118	25.7	25.7	8.0	8.0	27.5	27.5	101.1	101.2	7.1		7.3		4		88				<0.2	<0.2		2.6	
						3.9	0.5	127	25.7		8.0		27.5		101.2		7.1		7.3		4		88				<0.2			2.6	
					Bottom	6.7	0.4	88	25.5	25.5	8.1	8.1	28.8	28.8	105.5	105.5	7.3	7.3	12.2		3		90				<0.2	<0.2		2.6	
						6.7	0.4	89	25.5		8.1		28.8		105.5		7.3		12.2		3		90				<0.2			2.5	
IM11	Sunny	Moderate	15:33	6.5	Surface	1.0	0.3	112	25.9	25.9	8.1	8.1	27.6	27.7	113.7	113.7	7.9	7.9	6.5	8.2	4	5	86	88	821493	810532	<0.2	<0.2	<0.2	2.7	2.7
						1.0	0.3	121	25.9		8.1		27.7		113.6		7.9		6.5		4		86				<0.2			2.7	
					Middle	3.3	0.3	100	25.8	25.8	8.1	8.1	28.1	28.1	112.3	112.3	7.8		6.9		5		88				<0.2	<0.2		2.8	
						3.3	0.4	103	25.8		8.1		28.1		112.2		7.8		7.1		6		88				<0.2			2.6	
					Bottom	5.5	0.3	75	25.6	25.6	8.2	8.2	28.8	28.8	110.1	110.1	7.6	7.6	11.2		5		90				<0.2	<0.2		2.7	
						5.5	0.3	80	25.6		8.2		28.8		110.1		7.6		11.4		6		90				<0.2			2.5	
IM12	Sunny	Moderate	15:41	8.9	Surface	1.0	0.4	122	26.0	26.0	8.1	8.1	27.5	27.6	111.7	111.7	7.8	7.7	5.2	7.3	5	5	85	88	821158	811503	<0.2	<0.2	<0.2	2.4	2.5
						1.0	0.4	127	26.0		8.1		27.6		111.6		7.8		5.5		5		86				<0.2			2.4	
					Middle	4.5	0.3	100	25.9	25.9	8.1	8.1	28.0	28.0	110.0	110.0	7.6		6.4		4		88				<0.2	<0.2		2.4	
						4.5	0.4	102	25.8		8.1		28.0		109.9		7.6		6.5		2		88				<0.2			2.6	
					Bottom	7.9	0.3	74	25.8	25.8	8.1	8.1	28.8	28.8	108.3	108.3	7.5	7.5	10.1		8		90				<0.2	<0.2		2.5	
						7.9	0.3	77	25.8		8.1		28.8		108.3		7.5		10.2		6		91				<0.2			2.5	
SR2	Sunny	Moderate	16:15	4.6	Surface	1.0	0.5	92	25.9	25.9	8.1	8.1	27.8	27.8	108.4	108.4	7.5	7.5	5.2	8.2	5	5	86	87	821452	814139	<0.2	<0.2	<0.2	2.5	2.4
						1.0	0.5	92	25.9		8.1		27.8		108.3		7.5		5.1		4		86				<0.2			2.5	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.6	0.4	89	25.6	25.6	8.1	8.1	28.4	28.4	101.4	101.5	7.1	7.1	11.4		5		88				<0.2	<0.2		2.3	
						3.6	0.4	90	25.6		8.1		28.4		101.5		7.1		11.2		5		88				<0.2			2.4	
SR3	Sunny	Moderate	14:54	9.2	Surface	1.0	0.4	205	26.0	26.0	8.0	8.0	26.7	26.7	104.3	104.3	7.3	7.2	5.0	7.9	6	5	-	-	822142	807554	-	-	-	-	-
						1.0	0.4	220	26.0		8.0		26.7		104.3		7.3		5.1		5		-				-			-	
					Middle	4.6	0.2	196	25.4	25.4	8.0	8.0	28.2	28.2	101.7	101.8	7.1		8.5		5		-				-	-		-	
						4.6	0.2	208	25.4		8.0		28.2		101.9		7.1		8.5		5		-				-			-	
					Bottom	8.2	0.2	39	25.4	25.4	8.1	8.1	29.4	29.4	105.8	105.8	7.4	7.4	10.3		6		-				-	-		-	
						8.2	0.2	41	25.4		8.1		29.5		105.8		7.4		10.2		4		-				-			-	
SR4A	Cloudy	Calm	16:00	8.4	Surface	1.0	0.1	84	26.1	26.1	8.3	8.3	29.9	29.9	120.5	120.5	8.3	8.0	11.6	14.1	7	10	-	-	817208	807784	-	-	-	-	-
						1.0	0.1	91	26.1		8.3		29.9		120.5		8.3		11.6		8		-				-			-	
					Middle	4.2	0.1	64	25.6	25.6	8.3	8.3	30.1	30.1	112.4	112.4	7.7		14.4		10		-				-	-		-	
						4.2	0.1	67	25.6		8.3		30.1		112.4		7.7		14.4		8		-				-			-	
					Bottom	7.4	0.2	68	25.3	25.3	8.2	8.2	30.4	30.4	111.7	111.7	7.7	7.7	16.2		12		-				-	-		-	
						7.4	0.2	71	25.3		8.2		30.4		111.7		7.7		16.2		14		-				-			-	
SR5A	Cloudy	Calm	16:16	3.7	Surface	1.0	0.1	17	25.9	25.9	8.2	8.2	28.7	28.7	110.6	110.6	7.6	7.6	9.9	11.5	6	7	-	-	816587	810702	-	-	-	-	-
						1.0	0.1	17	25.9		8.2		28.7		110.6		7.6		9.9		6		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	2.7	0.0	317	25.5	25.5	8.2	8.2	29.3	29.3	110.8	110.8	7.7	7.7	13.0		8		-				-	-		-	
						2.7	0.0	331	25.5		8.2		29.3		110.8		7.7		13.0		6		-				-			-	
SR6	Cloudy	Calm	16:38	4.0	Surface	1.0	0.1	28	26.0	26.0	8.2	8.2	28.3	28.3	114.0	114.0	7.9	7.9	10.1	9.8	8	8	-	-	817925	814644	-	-	-	-	-
						1.0	0.1	29	26.0		8.2		28.3		114.0		7.9		10.1		7		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.0	0.1	76	25.8	25.9	8.2	8.2	28.3	28.3	112.7	112.8	7.8	7.8	9.4		7		-				-	-		-	
						3.0	0.1	83	25.9		8.2		28.3		112.9		7.8		9.6		8		-				-			-	
SR7	Sunny	Moderate	17:07	18.6	Surface	1.0	0.6	82	25.5	25.5	8.0	8.0	29.2	29.2	104.6	104.5	7.3	7.1	3.8	4.4	3	4	-	-	823642	823722	-	-	-	-	-
						1.0	0.7	87	25.5		8.0		29.2		104.4		7.2		3.8		3		-				-			-	
					Middle	9.3	0.3	61	25.2	25.2	8.0	8.0	30.4	30.4	100.7	100.7	7.0		4.1		4		-				-	-		-	
						9.3	0.3	66	25.2		8.0		30.4		100.7		7.0		4.2		5		-				-			-	
					Bottom	17.6	0.2	89	25.2	25.2	8.0	8.0	30.4	30.4	100.5	100.5	7.0	7.0	5.2		3		-				-	-		-	
						17.6	0.2	97	25.2		8.0		30.4		100.5		7.0		5.1		4		-				-			-	
SR8	Sunny	Moderate	15:54	3.8	Surface	1.0	-	-	26.2	26.2	8.1	8.1	28.1	28.1	111.3	111.1	7.7	7.7	6.4	6.5	7	8	-	-	820246	811418	-	-	-	-	-
						1.0	-	-	26.2		8.1		28.1		110.9		7.7		6.3		7		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	2.8	-	-	26.1	26.1	8.1	8.1	28.2	28.2	107.2	107.1	7.4	7.4	6.6		9		-				-	-		-	
						2.8	-	-	26.0		8.1		28.2		107.0		7.4		6.6		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 05 May 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	Fine	Moderate	09:29	9.4	Surface	1.0	0.2	30	25.4	25.4	8.2	8.2	29.7	29.7	109.5	109.5	7.6	7.5	11.4	13.5	8	17	86	88	815630	804245	<0.2	<0.2	<0.2	1.4	1.2
						1.0	0.2	30	25.4		8.2		29.7		109.5		7.6		11.4		8		86				<0.2			1.3	
					Middle	4.7	0.3	49	25.1	25.1	8.2	8.2	30.8	30.8	104.8	104.8	7.3		13.5		21		88				<0.2	<0.2		1.1	
						4.7	0.3	53	25.1		8.2		30.8		104.8		7.3		13.3		20		88				<0.2			1.0	
					Bottom	8.4	0.3	44	25.0	25.0	8.2	8.2	30.9	30.9	104.1	104.1	7.2	7.2	15.7		22		90				<0.2	<0.2		1.1	
						8.4	0.3	44	25.0		8.2		30.9		104.1		7.2		15.7		22		90				<0.2			1.1	
C2	Fine	Moderate	10:36	12.4	Surface	1.0	0.5	317	26.0	26.0	7.9	7.9	25.7	25.7	87.1	87.1	6.2	6.1	5.5	6.1	3	4	86	88	825694	806951	<0.2	<0.2	<0.2	2.5	2.6
						1.0	0.5	322	26.0		7.9		25.7		87.1		6.2		5.5		3		85				<0.2			2.5	
					Middle	6.2	0.6	348	25.5	25.5	7.9	7.9	26.2	26.2	84.0	84.0	6.0		4.5		4		88				<0.2	<0.2		2.7	
						6.2	0.6	320	25.5		7.9		26.2		83.9		6.0		4.5		2		88				<0.2			2.6	
					Bottom	11.4	0.5	355	25.4	25.4	8.0	8.0	27.6	27.6	83.6	83.6	6.0	6.0	8.3		4		89				<0.2	<0.2		2.6	
						11.4	0.6	327	25.4		8.0		27.6		83.6		6.0		8.5		5		90				<0.2			2.8	
C3	Fine	Moderate	08:27	11.9	Surface	1.0	0.4	284	25.2	25.2	8.0	8.0	28.3	28.3	97.1	97.1	6.8	6.6	4.2	4.2	3	3	85	87	822116	817786	<0.2	<0.2	<0.2	1.5	1.7
						1.0	0.4	286	25.2		8.0		28.3		97.0		6.8		4.3		3		85				<0.2			1.3	
					Middle	6.0	0.3	259	25.0	25.0	8.0	8.0	29.9	30.0	92.6	92.6	6.5		3.7		2		87				<0.2	<0.2		1.3	
						6.0	0.3	269	25.0		8.0		30.0		92.5		6.4		3.7		3		87				<0.2			2.2	
					Bottom	10.9	0.3	271	25.0	25.0	8.0	8.0	30.4	30.3	91.5	91.6	6.4	6.4	4.5		5		89				<0.2	<0.2		2.0	
						10.9	0.3	273	25.0		8.0		30.3		91.6		6.4		4.6		4		89				<0.2			2.0	
IM1	Fine	Moderate	09:47	7.5	Surface	1.0	0.3	330	25.3	25.3	8.2	8.2	29.9	29.9	108.2	108.2	7.5	7.5	10.3	10.7	6	7	86	88	818362	806482	<0.2	<0.2	<0.2	0.8	0.8
						1.0	0.4	351	25.3		8.2		29.9		108.2		7.5		10.3		7		86				<0.2			0.7	
					Middle	3.8	0.4	6	25.2	25.2	8.2	8.2	30.0	30.0	106.9	106.9	7.4		11.1		5		88				<0.2	<0.2		0.7	
						3.8	0.5	6	25.2		8.2		30.0		106.9		7.4		11.1		7		88				<0.2			0.8	
					Bottom	6.5	0.4	10	25.2	25.2	8.2	8.2	30.0	30.0	106.5	106.5	7.4	7.4	10.7		8		90				<0.2	<0.2		0.8	
						6.5	0.4	10	25.2		8.2		30.0		106.5		7.4		10.7		10		91				<0.2			0.8	
IM2	Fine	Moderate	09:53	8.3	Surface	1.0	0.4	318	25.4	25.4	8.2	8.2	29.9	29.9	110.7	110.7	7.7	7.7	9.0	9.9	4	5	86	88	818879	806209	<0.2	<0.2	<0.2	0.8	0.8
						1.0	0.4	336	25.4		8.2		29.9		110.7		7.7		9.0		4		86				<0.2			0.8	
					Middle	4.2	0.4	10	25.3	25.3	8.2	8.2	29.9	29.9	108.9	108.9	7.6		10.2		5		88				<0.2	<0.2		0.8	
						4.2	0.4	10	25.3		8.2		29.9		108.9		7.6		10.2		6		88				<0.2			0.8	
					Bottom	7.3	0.4	17	25.3	25.3	8.2	8.2	29.9	29.9	108.2	108.2	7.5	7.5	10.4		6		91				<0.2	<0.2		0.8	
						7.3	0.4	18	25.3		8.2		29.9		108.2		7.5		10.4		7		91				<0.2			0.8	
IM3	Fine	Moderate	10:02	8.6	Surface	1.0	0.3	324	25.4	25.4	8.2	8.2	29.2	29.2	110.4	110.4	7.7	7.6	9.7	12.0	5	5	86	89	819387	805994	<0.2	<0.2	<0.2	1.0	1.0
						1.0	0.3	348	25.4		8.2		29.2		110.4		7.7		9.7		4		86				<0.2			1.0	
					Middle	4.3	0.3	5	25.3	25.3	8.2	8.2	29.6	29.6	108.7	108.7	7.6		12.1		5		88				<0.2	<0.2		1.0	
						4.3	0.3	5	25.3		8.2		29.6		108.6		7.5		12.3		6		89				<0.2			0.9	
					Bottom	7.6	0.4	18	25.2	25.2	8.2	8.2	29.9	29.9	107.9	107.9	7.5	7.5	14.0		5		91				<0.2	<0.2		0.9	
						7.6	0.5	18	25.2		8.2		29.9		107.9		7.5		14.0		6		91				<0.2			0.9	
IM4	Fine	Moderate	10:12	8.2	Surface	1.0	0.4	3	25.4	25.4	8.2	8.2	29.4	29.4	110.8	110.8	7.7	7.6	10.4	12.4	6	10	86	89	819586	805009	<0.2	<0.2	<0.2	0.9	0.9
						1.0	0.4	3	25.4		8.2		29.4		110.8		7.7		10.4		6		87				<0.2			1.0	
					Middle	4.1	0.5	10	25.3	25.3	8.2	8.2	29.5	29.5	108.0	108.0	7.5		12.4		5		89				<0.2	<0.2		1.0	
						4.1	0.5	10	25.3		8.2		29.5		108.0		7.5		12.2		5		89				<0.2			1.0	
					Bottom	7.2	0.4	5	25.2	25.2	8.2	8.2	30.2	30.2	106.0	106.0	7.4	7.4	14.5		19		92				<0.2	<0.2		0.7	
						7.2	0.4	5	25.2		8.2		30.2		106.0		7.4		14.5		20		91				<0.2			0.9	
IM5	Fine	Moderate	10:24	7.5	Surface	1.0	0.4	347	25.4	25.4	8.2	8.2	29.3	29.3	109.8	109.8	7.6	7.6	14.8	17.4	10	22	87	88	820579	804934	<0.2	<0.2	<0.2	0.9	0.9
						1.0	0.4	319	25.4		8.2		29.3		109.8		7.6		14.8		11		86				<0.2			0.8	
					Middle	3.8	0.6	351	25.3	25.3	8.2	8.2	29.8	29.8	108.3	108.3	7.5		17.4		19		88				<0.2	<0.2		0.9	
						3.8	0.6	355	25.3		8.2		29.8		108.3		7.5		17.5		21		88				<0.2			0.8	
					Bottom	6.5	0.4	6	25.3	25.3	8.2	8.2	30.0	30.0	107.8	107.8	7.5	7.5	20.0		35		90				<0.2	<0.2		0.8	
						6.5	0.5	6	25.3		8.2		30.0		107.8		7.5		20.1		33		91				<0.2			0.9	
IM6	Fine	Moderate	10:32	7.4	Surface	1.0	0.2	6	25.4	25.4	8.2	8.2	29.0	29.0	106.9	106.9	7.5	7.4	14.4	16.5	8	11	87	89	821045	805855	<0.2	<0.2	<0.2	1.3	1.1
						1.0	0.2	6	25.4		8.2		29.0		106.9		7.4		14.6		9		86				<0.2			1.0	
					Middle	3.7	0.3	15	25.4	25.4	8.2	8.2	29.1	29.1	106.2	106.2	7.4		16.3		9		89				<0.2	<0.2		1.0	
						3.7	0.3	15	25.4		8.2		29.1		106.2		7.4		16.3		10		89				<0.2			1.1	
					Bottom	6.4	0.3	26	25.3	25.3	8.2	8.2	29.1	29.1	105.8	105.8	7.4	7.4	18.7		14		91				<0.2	<0.2		1.1	
						6.4	0.3	26	25.3		8.2		29.1		105.8		7.4		18.7		15		92				<0.2			0.9	
IM7	Fine	Moderate	10:42	8.6	Surface	1.0	0.1	302	25.7	25.7	8.2	8.2	27.1	27.1	107.2	107.2	7.5	7.5	11.7	12.7	7	9	86	89	821365	806848	<0.2	<0.2	<0.2	1.8	1.3
						1.0	0.1	304	25.7		8.2		27.1		107.2		7.5		11.7		6		86				<0.2			1.8	
					Middle	4.3	0.3	358	25.5	25.5	8.2	8.2	28.8	28.8	106.6	106.6	7.4		12.4		10		89				<0.2	<0.2		1.2	
						4.3	0.3	329	25.5		8.2		28.8		106.6		7.4		12.4		8		89				<0.2			1.1	
					Bottom	7.6	0.4	17	25.4	25.4	8.2	8.2	29.3	29.3	106.1	106.1	7.4	7.4	14.1		11		91				<0.2	<0.2		0.9	
						7.6	0.4	18	25.4		8.2		29.3		106.1		7.4		14.1		12		91				<0.2			1.1	
IM8	Fine	Moderate	10:09	8.7	Surface	1.0	0.1	193	25.7	25.7	7.9	7.9	25.2	25.2	97.7	97.7	6.9	6.9	5.9	6.8	6	9	85	88	821676	807820	<0.2	<0.2	<0.2	2.2	2.4
						1.0	0.1	209	25.7		7.9		25.2		97.7		6.9		5.9		8		85				<0.2			2.2	
					Middle	4.4	0.1	87	25.5	25.5	8.0	8.0	26.5	26.5	95.9	96.0	6.8		6.0		9		87				<0.2	<0.2		2.5	
						4.4	0.1	93	25.5		8.0		26.5		96.0		6.8		6.0		10		88				<0.2			2.4	
					Bottom	7.7	0.2	54	25.4	25.4	8.0	8.0	27.2	27.2	96.2	96.2	6.8	6.8	8.5		10		90				<0.2	<0.2		2.3	
						7.7	0.2	57	25.4		8.0		27.2		96.2		6.8		8.5		10		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 05 May 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	Fine	Moderate	10:00	7.6	Surface	1.0	0.3	303	25.5	25.5	8.0	8.0	27.2	27.2	97.5	97.5	6.9	6.9	9.3	10.4	13	13	85	87	822073	808830	<0.2	<0.2	<0.2	1.3	1.4
						1.0	0.3	329	25.5		8.0		27.2		97.5		6.9		9.2				85				<0.2			1.4	
					Middle	3.8	0.3	314	25.4	25.4	8.0	8.0	27.2	27.2	97.1	97.1	6.8		11.1		14		87				<0.2	<0.2		1.5	
						3.8	0.3	314	25.4		8.0		27.2		97.1		6.8		11.2		13		88				<0.2			1.4	
					Bottom	6.6	0.2	316	25.4	25.4	8.0	8.0	27.3	27.3	97.1	97.1	6.8	6.8	10.8		12		89				<0.2	<0.2		1.4	
						6.6	0.2	325	25.4		8.0		27.3		97.1		6.8		10.9		12		90				<0.2			1.4	
IM10	Fine	Moderate	09:52	6.9	Surface	1.0	0.5	290	25.5	25.5	8.0	8.0	27.3	27.3	96.4	96.4	6.8	6.8	6.6	10.1	8	8	86	88	822213	809828	<0.2	<0.2	<0.2	1.9	1.8
						1.0	0.5	312	25.5		8.0		27.3		96.4		6.8		6.6		8		85				<0.2			2.0	
					Middle	3.5	0.5	297	25.4	25.4	8.0	8.0	27.4	27.4	95.0	95.0	6.7		8.7		8		88				<0.2	<0.2		2.0	
						3.5	0.6	310	25.4		8.0		27.4		95.0		6.7		8.7		8		87				<0.2			1.6	
					Bottom	5.9	0.3	299	25.4	25.4	8.0	8.0	27.5	27.5	93.5	93.5	6.6	6.6	15.1		8		90				<0.2	<0.2		1.5	
						5.9	0.4	301	25.4		8.0		27.5		93.5		6.6		15.2		8		90				<0.2			1.5	
IM11	Fine	Moderate	09:34	8.3	Surface	1.0	0.5	289	25.5	25.5	8.0	8.0	27.4	27.4	95.8	95.8	6.7	6.6	5.2	9.7	6	6	85	88	821496	810533	<0.2	<0.2	<0.2	2.1	2.4
						1.0	0.5	297	25.5		8.0		27.4		95.7		6.7		5.2		5		86				<0.2			2.1	
					Middle	4.2	0.3	279	25.4	25.4	8.0	8.0	27.8	27.8	91.7	91.7	6.4		11.4		6		88				<0.2	<0.2		2.3	
						4.2	0.3	299	25.4		8.0		27.8		91.7		6.4		11.3		7		87				<0.2			2.4	
					Bottom	7.3	0.2	286	25.4	25.4	8.0	8.0	27.8	27.8	91.1	91.2	6.4	6.4	12.7		6		90				<0.2	<0.2		2.5	
						7.3	0.2	287	25.4		8.0		27.8		91.2		6.4		12.6		6		90				<0.2			2.8	
IM12	Fine	Moderate	09:26	7.9	Surface	1.0	0.6	287	25.4	25.4	8.0	8.0	27.4	27.4	96.4	96.4	6.8	6.7	4.7	6.7	5	7	85	88	821142	811509	<0.2	<0.2	<0.2	1.8	2.0
						1.0	0.6	312	25.4		8.0		27.4		96.3		6.8		4.8		5		85				<0.2			1.9	
					Middle	4.0	0.5	283	25.4	25.4	8.0	8.0	27.8	27.8	93.1	93.1	6.5		5.1		9		88				<0.2	<0.2		1.7	
						4.0	0.5	294	25.4		8.0		27.8		93.0		6.5		5.1		8		87				<0.2			2.1	
					Bottom	6.9	0.3	266	25.3	25.3	8.0	8.0	28.3	28.3	90.9	90.9	6.4	6.4	10.2		7		90				<0.2	<0.2		2.0	
						6.9	0.3	280	25.3		8.0		28.3		90.9		6.4		10.2		8		90				<0.2			2.2	
SR2	Fine	Moderate	08:48	4.7	Surface	1.0	0.2	311	25.4	25.4	8.0	8.0	27.5	27.5	96.5	96.5	6.8	6.8	4.1	4.5	5	5	85	87	821467	814178	<0.2	<0.2	<0.2	1.6	1.8
						1.0	0.2	329	25.4		8.0		27.5		96.4		6.8		4.2		6		86				<0.2			1.8	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.7	0.2	307	25.3	25.3	8.0	8.0	27.9	27.9	94.5	94.6	6.6	6.6	4.8		5		88				<0.2	<0.2		1.8	
						3.7	0.2	313	25.3		8.0		27.9		94.6		6.6		4.8		4		87				<0.2			1.8	
SR3	Fine	Moderate	10:16	9.5	Surface	1.0	0.2	282	25.8	25.8	7.9	7.9	24.6	24.6	97.4	97.4	6.9	6.8	6.0	6.2	4	4	-	-	822141	807544	-	-	-	-	-
						1.0	0.2	301	25.8		7.9		24.6		97.4		6.9		6.0		3		-				-			-	
					Middle	4.8	0.2	2	25.5	25.5	8.0	8.0	26.7	26.7	94.7	94.7	6.7		5.6		4		-				-	-		-	
						4.8	0.3	2	25.5		8.0		26.7		94.7		6.7		5.6		4		-				-			-	
					Bottom	8.5	0.2	23	25.3	25.3	8.0	8.0	27.9	27.9	94.5	94.5	6.6	6.6	7.2		5		-				-	-		-	
						8.5	0.2	25	25.3		8.0		27.9		94.5		6.6		7.1		5		-				-			-	
SR4A	Fine	Calm	09:09	9.4	Surface	1.0	0.5	253	25.2	25.2	8.2	8.2	29.3	29.3	103.4	103.4	7.2	7.2	9.2	10.0	7	8	-	-	817195	807823	-	-	-	-	-
						1.0	0.5	271	25.2		8.2		29.3		103.4		7.2		9.2		6		-				-			-	
					Middle	4.7	0.4	249	25.2	25.1	8.2	8.2	29.6	29.6	101.2	101.2	7.1		10.2		7		-				-	-		-	
						4.7	0.4	250	25.1		8.2		29.6		101.1		7.1		10.3		9		-				-			-	
					Bottom	8.4	0.2	255	25.1	25.1	8.2	8.2	29.8	29.8	101.7	101.7	7.1	7.1	10.5		10		-				-	-		-	
						8.4	0.2	272	25.1		8.2		29.8		101.7		7.1		10.5		9		-				-			-	
SR5A	Cloudy	Calm	08:54	4.5	Surface	1.0	0.2	295	25.4	25.4	8.1	8.1	28.3	28.3	102.0	102.0	7.1	7.1	9.0	9.0	4	5	-	-	816576	810720	-	-	-	-	-
						1.0	0.2	318	25.4		8.1		28.3		102.0		7.1		9.0		5		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.5	0.2	301	25.4	25.4	8.1	8.1	28.4	28.4	102.2	102.2	7.1	7.1	9.0		5		-				-	-		-	
						3.5	0.2	318	25.4		8.1		28.4		102.2		7.1		9.0		5		-				-			-	
SR6	Cloudy	Calm	08:30	4.2	Surface	1.0	0.1	243	25.4	25.4	8.0	8.0	28.3	28.3	97.1	97.1	6.8	6.8	12.8	12.5	3	4	-	-	817926	814661	-	-	-	-	-
						1.0	0.1	247	25.4		8.0		28.3		97.1		6.8		12.8		5		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.2	0.0	221	25.5	25.5	8.0	8.0	28.4	28.4	97.9	97.9	6.8	6.8	12.1		5		-				-	-		-	
						3.2	0.0	225	25.5		8.0		28.4		97.9		6.8		12.1		4		-				-			-	
SR7	Fine	Moderate	07:54	18.4	Surface	1.0	0.1	222	24.9	24.9	8.0	8.0	30.2	30.2	94.9	94.9	6.6	6.6	3.5	3.6	4	4	-	-	823661	823719	-	-	-	-	-
						1.0	0.1	228	24.9		8.0		30.2		94.9		6.6		3.6		3		-				-			-	
					Middle	9.2	0.2	224	24.9	24.9	8.0	8.0	30.5	30.5	93.3	93.3	6.5		3.7		4		-				-	-		-	
						9.2	0.2	224	24.9		8.0		30.5		93.3		6.5		3.7		5		-				-			-	
					Bottom	17.4	0.1	358	24.8	24.8	8.0	8.0	31.3	31.3	93.6	93.6	6.5	6.5	3.7		5		-				-	-		-	
						17.4	0.1	329	24.8		8.0		31.3		93.6		6.5		3.7		4		-				-			-	
SR8	Fine	Moderate	09:19	4.1	Surface	1.0	-	-	25.4	25.4	8.0	8.0	27.4	27.4	96.1	96.1	6.8	6.8	4.9	5.2	5	5	-	-	820246	811418	-	-	-	-	-
						1.0	-	-	25.4		8.0		27.4		96.0		6.7		4.9		4		-				-			-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-	-		-	
						-	-	-	-		-		-		-		-		-		-		-				-			-	
					Bottom	3.1	-	-	25.4	25.4	8.0	8.0	27.6	27.6	95.2	95.3	6.7	6.7	5.6		5		-				-	-		-	
						3.1	-	-	25.4		8.0		27.6		95.3		6.7		5.6		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 08 May 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	18:20	8.9	Surface	1.0	0.2	25	27.0	27.0	8.4	8.4	25.4	25.4	114.1	114.1	7.9	7.5	9.1	12.8	5	7	83	86	815649	804237	<0.2	<0.2	1.3	1.1
						1.0	0.2	25	27.0		8.4		25.4		114.1		7.9		9.1		6		84				<0.2		1.1	
					Middle	4.5	0.3	51	25.2	25.2	8.2	8.2	31.8	31.8	103.7	103.7	7.1		12.9		4		86				<0.2		1.4	
						4.5	0.4	53	25.2		8.2		31.8		103.7		7.1		12.9		5		85				<0.2		1.1	
					Bottom	7.9	0.2	55	25.1	25.1	8.2	8.2	32.2	32.2	105.3	105.4	7.2	7.2	16.3		12		87				<0.2		0.8	
						7.9	0.3	56	25.1		8.2		32.2		105.5		7.2		16.4		12		88				<0.2		0.7	
C2	Cloudy	Moderate	17:17	12.4	Surface	1.0	0.1	331	27.2	27.2	7.7	7.7	19.9	19.9	95.4	95.4	6.8	6.5	1.0	2.9	5	5	83	85	825690	806922	<0.2	<0.2	3.3	3.2
						1.0	0.1	343	27.2		7.7		19.9		95.3		6.8		1.0		5		84				<0.2		3.2	
					Middle	6.2	0.3	3	26.7	26.7	7.8	7.8	27.0	27.0	88.8	88.7	6.1		1.3		4		85				<0.2		3.2	
						6.2	0.3	3	26.7		7.8		27.1		88.6		6.1		1.3		4		85				<0.2		3.2	
					Bottom	11.4	0.3	336	26.3	26.3	7.7	7.7	27.8	27.8	83.1	83.3	5.7	5.8	6.5		6		87				<0.2		3.2	
						11.4	0.3	309	26.3		7.7		27.8		83.4		5.8		6.5		5		87				<0.2		3.2	
C3	Cloudy	Moderate	19:14	12.1	Surface	1.0	0.1	2	27.1	27.1	7.9	7.9	23.1	23.1	109.1	109.1	7.6	7.1	0.4	0.8	2	6	85	86	822122	817792	<0.2	<0.2	2.5	2.4
						1.0	0.1	2	27.1		7.9		23.1		109.0		7.6		0.5		3		86				<0.2		2.4	
					Middle	6.1	0.3	250	26.1	26.1	7.8	7.8	28.5	28.5	93.5	93.5	6.5		0.6		4		84				<0.2		2.4	
						6.1	0.3	269	26.1		7.8		28.6		93.5		6.5		0.6		5		84				<0.2		2.4	
					Bottom	11.1	0.2	304	25.4	25.4	7.8	7.8	31.3	31.3	92.0	92.1	6.3	6.3	1.5		11		87				<0.2		2.3	
						11.1	0.2	329	25.4		7.8		31.3		92.2		6.3		1.5		12		88				<0.2		2.4	
IM1	Cloudy	Moderate	18:01	7.5	Surface	1.0	0.2	326	26.6	26.6	8.3	8.3	25.9	25.9	112.0	112.0	7.8	7.6	8.6	9.1	5	7	84	86	818353	806485	<0.2	<0.2	2.4	1.8
						1.0	0.2	348	26.6		8.3		25.9		112.0		7.8		8.6		6		84				<0.2		2.4	
					Middle	3.8	0.2	344	26.2	26.2	8.2	8.2	28.2	28.2	107.8	107.8	7.4		9.0		7		85				<0.2		1.8	
						3.8	0.2	316	26.2		8.2		28.2		107.8		7.4		9.0		6		86				<0.2		1.7	
					Bottom	6.5	0.2	10	25.7	25.7	8.2	8.2	30.2	30.2	107.8	107.8	7.4	7.4	9.6		10		88				<0.2		1.3	
						6.5	0.3	10	25.7		8.2		30.2		107.8		7.4		9.6		8		87				<0.2		1.3	
IM2	Cloudy	Moderate	17:56	8.8	Surface	1.0	0.1	327	26.7	26.7	8.3	8.3	24.0	24.0	110.9	110.9	7.8	7.6	8.7	11.4	7	8	84	86	818855	806193	<0.2	<0.2	2.6	1.9
						1.0	0.1	348	26.7		8.3		24.0		110.9		7.8		8.7		6		84				<0.2		2.7	
					Middle	4.4	0.1	29	26.0	26.0	8.2	8.2	28.4	28.4	105.9	105.9	7.3		10.5		6		86				<0.2		1.8	
						4.4	0.1	30	26.0		8.2		28.4		105.9		7.3		10.5		5		85				<0.2		2.0	
					Bottom	7.8	0.1	33	25.8	25.8	8.2	8.2	30.6	30.6	107.6	107.6	7.4	7.4	14.9		10		87				<0.2		1.1	
						7.8	0.1	33	25.8		8.2		30.6		107.6		7.4		14.9		12		88				<0.2		1.1	
IM3	Cloudy	Moderate	17:51	8.8	Surface	1.0	0.3	346	26.9	26.9	8.3	8.3	24.3	24.3	118.8	118.8	8.3	7.8	7.8	11.0	4	5	84	86	819411	806014	<0.2	<0.2	2.9	2.2
						1.0	0.3	353	26.9		8.3		24.3		118.8		8.3		7.8		3		84				<0.2		3.0	
					Middle	4.4	0.2	0	26.0	26.0	8.2	8.2	28.1	28.1	103.5	103.5	7.2		11.5		6		86				<0.2		2.0	
						4.4	0.2	0	26.0		8.2		28.1		103.5		7.2		11.5		4		85				<0.2		2.0	
					Bottom	7.8	0.3	60	25.5	25.5	8.2	8.2	30.9	30.9	103.7	103.7	7.1	7.1	13.6		5		87				<0.2		1.6	
						7.8	0.3	64	25.5		8.2		30.9		103.7		7.1		13.6		5		88				<0.2		1.6	
IM4	Cloudy	Moderate	17:43	7.8	Surface	1.0	0.5	304	26.7	26.7	8.3	8.3	24.0	24.0	115.7	115.7	8.1	7.7	7.7	9.1	4	5	83	86	819575	805064	<0.2	<0.2	2.6	1.9
						1.0	0.5	328	26.7		8.3		24.0		115.7		8.1		7.7		5		84				<0.2		2.6	
					Middle	3.9	0.1	307	25.6	25.6	8.2	8.2	29.8	29.8	104.8	104.8	7.2		9.8		5		86				<0.2		1.9	
						3.9	0.1	312	25.6		8.2		29.8		104.8		7.2		9.8		6		85				<0.2		2.0	
					Bottom	6.8	0.1	279	25.6	25.7	8.2	8.2	30.9	30.9	107.2	107.3	7.4	7.4	9.8		6		88				<0.2		1.2	
						6.8	0.1	305	25.7		8.2		30.9		107.4		7.4		9.7		6		88				<0.2		1.1	
IM5	Cloudy	Moderate	17:34	7.0	Surface	1.0	0.2	352	26.8	26.8	8.2	8.2	22.3	22.3	106.1	106.1	7.5	7.3	11.3	14.9	6	7	84	86	820539	804928	<0.2	<0.2	3.1	2.4
						1.0	0.2	324	26.8		8.2		22.3		106.1		7.5		11.3		7		84				<0.2		3.1	
					Middle	3.5	0.3	8	26.1	26.1	8.2	8.2	27.4	27.4	101.7	101.7	7.1		14.3		5		86				<0.2		3.0	
						3.5	0.3	8	26.1		8.2		27.4		101.7		7.1		14.3		6		85				<0.2		3.0	
					Bottom	6.0	0.4	353	25.6	25.6	8.2	8.2	30.1	30.1	102.3	102.3	7.1	7.1	19.1		9		88				<0.2		1.2	
						6.0	0.4	325	25.6		8.2		30.1		102.3		7.1		19.1		11		87				<0.2		1.2	
IM6	Cloudy	Moderate	17:26	7.1	Surface	1.0	0.2	187	26.9	26.9	8.1	8.1	21.1	21.1	105.0	105.0	7.5	7.4	7.5	10.8	4	8	84	86	821032	805801	<0.2	<0.2	3.3	2.6
						1.0	0.2	198	26.9		8.1		21.1		105.0		7.5		7.5		6		84				<0.2		3.4	
					Middle	3.6	0.2	284	26.8	26.8	8.2	8.2	24.9	24.9	105.6	105.6	7.3		10.6		6		86				<0.2		2.6	
						3.6	0.3	309	26.8		8.2		24.9		105.6		7.3		10.6		5		86				<0.2		2.7	
					Bottom	6.1	0.1	32	26.1	26.1	8.2	8.2	28.6	28.6	103.7	103.7	7.2	7.2	14.2		12		88				<0.2		1.7	
						6.1	0.1	32	26.1		8.2		28.6		103.7		7.2		14.2		13		87				<0.2		1.7	
IM7	Cloudy	Moderate	17:19	8.6	Surface	1.0	0.2	306	26.9	26.9	8.1	8.1	20.6	20.6	103.3	103.3	7.4	7.3	7.1	8.5	5	5	83	86	821370	806820	<0.2	<0.2	3.6	3.0
						1.0	0.2	336	26.9		8.1		20.6		103.3		7.4		7.1		4		84				<0.2		3.6	
					Middle	4.3	0.1	14	26.8	26.8	8.2	8.2	23.2	23.2	102.8	102.8	7.2		8.7		6		86				<0.2		2.9	
						4.3	0.1	14	26.8		8.2		23.2		102.8		7.2		8.7		5		86				<0.2		2.9	
					Bottom	7.6	0.2	30	26.8	26.8	8.2	8.2	24.9	24.9	102.9	102.9	7.2	7.2	9.6		6		88				<0.2		2.6	
						7.6	0.2	31	26.8		8.2		24.9		102.9		7.2		9.6		6		87				<0.2		2.6	
IM8	Cloudy	Moderate	17:44	7.3	Surface	1.0	0.3	273	27.3	27.3	7.8	7.8	19.8	19.7	98.0	98.0	7.0	7.0	3.2	1.8	6	5	83	85	821699	807830	<0.2	<0.2	3.6	3.5
						1.0	0.3	285	27.3		7.8		19.6		98.0		7.0		3.3		4		83				<0.2		3.5	
					Middle	3.7	0.1	358	27.2	27.2	7.8	7.8	22.4	22.4	99.3	99.3	7.0		1.0		6		85				<0.2		3.4	
						3.7	0.1	329	27.2		7.8		22.4		99.3		7.0		1.0		4		86				<0.2		3.4	
					Bottom	6.3	0.1	43	27.2	27.2	7.8	7.8	23.8	23.8	98.8	98.7	6.9	6.9	1.1		6		87				<0.2		3.5	
						6.3	0.2	46	27.2		7.8		23.8		98.6		6.9		1.1		4		88				<0.2		3.4	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 08 May 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	17:52	7.2	Surface	1.0	0.1	286	27.3	27.3	7.7	7.7	19.9	19.9	96.8	96.8	6.9	6.9	0.8	1.3	2	4	83	85	822099	808787	<0.2	<0.2	3.1	3.1
						1.0	0.2	295	27.3		7.7		20.0		96.7		6.9		0.8		4		83				<0.2		3.0	
					Middle	3.6	0.1	294	27.2	27.2	7.8	7.8	21.7	21.7	96.0	96.0	6.8		1.1		3		86				<0.2		3.1	
						3.6	0.2	320	27.2		7.8		21.7		96.0		6.8		1.1		4		86				<0.2		3.0	
					Bottom	6.2	0.0	263	27.1	27.1	7.8	7.8	22.9	22.9	96.2	96.3	6.7	6.7	1.9		3		87				<0.2		3.1	
						6.2	0.0	280	27.1		7.8		22.9		96.3		6.7		2.0		5		87				<0.2		3.1	
IM10	Cloudy	Moderate	18:01	8.6	Surface	1.0	0.1	308	27.3	27.3	7.7	7.7	20.7	20.7	97.0	97.0	6.8	6.7	0.8	1.7	7	6	84	86	822236	809823	<0.2	<0.2	3.6	3.5
						1.0	0.1	333	27.3		7.8		20.7		96.9		6.8		0.8		7		84				<0.2		3.4	
					Middle	4.3	0.1	314	27.1	27.1	7.8	7.8	22.2	22.2	94.7	94.6	6.7		1.9		5		86				<0.2		3.4	
						4.3	0.1	315	27.1		7.8		22.2		94.5		6.6		2.0		6		86				<0.2		3.5	
					Bottom	7.6	0.0	322	27.0	27.0	7.7	7.7	25.2	25.2	94.7	94.8	6.6	6.6	2.6		5		87				<0.2		3.4	
						7.6	0.0	327	27.0		7.7		25.2		94.9		6.6		2.4		6		88				<0.2		3.5	
IM11	Cloudy	Moderate	18:14	8.3	Surface	1.0	0.1	313	27.2	27.2	7.8	7.8	21.0	21.0	98.3	98.2	6.9	6.8	1.1	2.2	6	5	83	85	821483	810562	<0.2	<0.2	3.2	3.2
						1.0	0.1	327	27.2		7.8		21.0		98.0		6.9		1.2		5		84				<0.2		3.2	
					Middle	4.2	0.1	275	26.8	26.8	7.8	7.8	25.5	25.6	95.6	95.7	6.6		2.2		4		85				<0.2		3.2	
						4.2	0.1	293	26.7		7.8		25.7		95.8		6.6		2.4		4		85				<0.2		3.1	
					Bottom	7.3	0.1	314	26.6	26.7	7.8	7.8	26.9	26.8	92.2	92.3	6.4	6.4	3.3		4		88				<0.2		3.1	
						7.3	0.1	317	26.7		7.8		26.8		92.4		6.4		3.0		5		87				<0.2		3.2	
IM12	Cloudy	Moderate	18:21	9.0	Surface	1.0	0.1	290	27.2	27.2	7.8	7.8	20.1	20.1	100.3	100.3	7.1	6.9	0.6	1.7	4	4	83	86	821189	811544	<0.2	<0.2	2.7	2.7
						1.0	0.1	317	27.1		7.8		20.1		100.3		7.1		0.6		2		84				<0.2		2.7	
					Middle	4.5	0.3	271	26.5	26.5	7.8	7.8	26.3	26.3	94.9	94.9	6.6		1.6		5		85				<0.2		2.7	
						4.5	0.3	274	26.5		7.8		26.3		94.8		6.6		1.8		3		86				<0.2		2.7	
					Bottom	8.0	0.2	285	26.2	26.2	7.7	7.7	28.5	28.5	89.3	89.4	6.2	6.2	3.0		7		88				<0.2		2.7	
						8.0	0.2	305	26.2		7.7		28.4		89.4		6.2		3.0		5		88				<0.2		2.7	
SR2	Cloudy	Moderate	18:53	3.6	Surface	1.0	0.2	130	27.2	27.2	7.8	7.8	21.6	21.6	103.2	103.2	7.3	7.3	0.7	0.7	5	4	84	85	821476	814136	<0.2	<0.2	3.0	3.1
						1.0	0.2	138	27.2		7.8		21.6		103.2		7.3		0.7		4		84				<0.2		3.1	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.6	0.1	170	27.1	27.1	7.8	7.8	22.4	22.4	102.8	102.8	7.2	7.2	0.8		4		86				<0.2		3.0	
						2.6	0.1	183	27.1		7.8		22.4		102.8		7.2		0.8		3		86				<0.2		3.1	
SR3	Cloudy	Moderate	17:39	9.2	Surface	1.0	0.1	333	27.2	27.2	7.8	7.8	19.1	19.1	96.3	96.3	6.9	6.7	0.8	1.8	3	4	-	-	822173	807585	-	-	-	-
						1.0	0.2	335	27.2		7.8		19.1		96.3		6.9		0.8		4		-				-		-	
					Middle	4.6	0.1	23	27.1	27.1	7.8	7.8	23.3	23.3	94.0	93.9	6.6		1.8		4		-				-		-	
						4.6	0.2	23	27.1		7.8		23.4		93.8		6.5		1.9		4		-				-		-	
					Bottom	8.2	0.1	59	27.1	27.1	7.8	7.8	24.0	24.0	93.3	93.5	6.5	6.5	2.8		4		-				-		-	
						8.2	0.1	60	27.1		7.8		24.0		93.6		6.5		2.9		4		-				-		-	
SR4A	Cloudy	Moderate	18:40	9.3	Surface	1.0	0.2	274	26.7	26.7	8.3	8.3	24.3	24.3	108.4	108.4	7.6	7.4	9.0	11.2	4	7	-	-	817199	807810	-	-	-	-
						1.0	0.2	277	26.7		8.3		24.3		108.4		7.6		9.0		6		-				-		-	
					Middle	4.7	0.1	257	26.2	26.2	8.2	8.2	28.6	28.6	103.4	103.4	7.1		11.2		6		-				-		-	
						4.7	0.1	264	26.2		8.2		28.6		103.4		7.1		11.2		7		-				-		-	
					Bottom	8.3	0.0	79	26.1	26.1	8.2	8.2	28.9	28.9	102.7	102.7	7.1	7.1	13.3		9		-				-		-	
						8.3	0.0	83	26.1		8.2		28.9		102.7		7.1		13.3		8		-				-		-	
SR5A	Cloudy	Moderate	18:57	5.2	Surface	1.0	0.1	190	26.7	26.7	8.3	8.3	23.8	23.8	117.0	117.0	8.2	8.2	8.0	8.0	4	5	-	-	816590	810669	-	-	-	-
						1.0	0.1	201	26.7		8.3		23.8		117.0		8.2		8.0		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.2	0.1	201	26.7	26.7	8.3	8.3	26.0	26.0	114.1	114.0	7.9	7.9	7.9		7		-				-		-	
						4.2	0.1	209	26.7		8.3		26.0		113.8		7.9		7.9		6		-				-		-	
SR6	Cloudy	Moderate	19:20	4.6	Surface	1.0	0.1	233	26.9	26.9	8.2	8.2	21.1	21.1	115.9	115.9	8.2	8.2	6.6	7.4	3	4	-	-	817899	814677	-	-	-	-
						1.0	0.1	243	26.9		8.2		21.1		115.9		8.2		6.6		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.6	0.1	78	26.8	26.8	8.2	8.2	24.1	24.1	115.2	115.2	8.0	8.0	8.1		4		-				-		-	
						3.6	0.1	81	26.8		8.2		24.1		115.2		8.0		8.1		4		-				-		-	
SR7	Cloudy	Moderate	19:46	19.9	Surface	1.0	0.2	94	26.3	26.3	7.8	7.8	27.1	27.1	102.0	102.0	7.1	6.8	0.6	1.1	3	4	-	-	823622	823724	-	-	-	-
						1.0	0.2	99	26.2		7.8		27.1		101.9		7.1		0.6		3		-				-		-	
					Middle	10.0	0.2	144	25.4	25.4	7.8	7.8	31.0	31.1	92.4	92.4	6.4		1.2		5		-				-		-	
						10.0	0.2	150	25.4		7.8		31.2		92.4		6.4		1.3		3		-				-		-	
					Bottom	18.9	0.0	116	25.3	25.3	7.8	7.8	31.7	31.7	91.9	92.0	6.3	6.3	1.4		4		-				-		-	
						18.9	0.0	123	25.3		7.8		31.6		92.0		6.3		1.4		5		-				-		-	
SR8	Cloudy	Moderate	18:33	3.9	Surface	1.0	-	-	27.2	27.2	7.8	7.8	20.2	20.2	101.0	101.0	7.2	7.2	0.6	1.1	2	3	-	-	820246	811418	-	-	-	-
						1.0	-	-	27.2		7.8		20.2		101.0		7.2		0.6		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	26.9	26.9	7.8	7.8	21.8	21.8	99.5	99.5	7.0	7.0	1.5		4		-				-		-	
						2.9	-	-	26.8		7.8		21.9		99.4		7.0		1.6		3		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 08 May 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	Rainy	Moderate	07:02	8.7	Surface	1.0	0.1	248	26.6	26.6	8.2	8.2	22.2	22.2	109.9	109.8	7.8	7.6	9.9	11.4	5	8	85	87	815649	804243	<0.2	<0.2	2.5	1.8
						1.0	0.1	254	26.6		8.2		22.3		109.7		7.8		10.0		4		86				<0.2		2.5	
					Middle	4.4	0.1	89	26.0	26.0	8.2	8.2	29.7	29.7	106.0	106.0	7.3		11.4		9		88				<0.2		1.6	
						4.4	0.1	89	26.0		8.2		29.7		106.0		7.3		11.4		10		88				<0.2		1.7	
					Bottom	7.7	0.0	329	25.5	25.5	8.2	8.2	31.1	31.1	103.0	103.0	7.1	7.1	12.8		9		88				<0.2		1.3	
						7.7	0.0	343	25.5		8.2		31.1		103.0		7.1		12.8		8		88				<0.2		1.2	
C2	Rainy	Moderate	07:44	11.6	Surface	1.0	0.1	127	27.1	27.1	7.7	7.7	20.3	20.3	93.4	93.4	6.6	6.4	1.6	4.1	6	5	83	85	825668	806941	<0.2	<0.2	3.2	3.3
						1.0	0.1	132	27.1		7.7		20.3		93.3		6.6		1.6		4		83				<0.2		3.4	
					Middle	5.8	0.0	123	26.6	26.6	7.8	7.8	25.5	25.5	90.2	90.0	6.3		2.3		6		85				<0.2		3.3	
						5.8	0.0	123	26.6		7.8		25.5		89.7		6.2		2.4		4		85				<0.2		3.3	
					Bottom	10.6	0.2	154	26.3	26.3	7.8	7.8	27.7	27.7	87.8	87.8	6.1	6.1	8.0		5		87				<0.2		3.3	
						10.6	0.2	169	26.3		7.8		27.7		87.8		6.1		8.6		4		87				<0.2		3.3	
C3	Rainy	Moderate	05:41	12.2	Surface	1.0	0.1	60	26.6	26.6	7.8	7.8	25.3	25.4	98.4	98.4	6.9	6.7	0.5	0.9	4	4	84	86	822089	817800	<0.2	<0.2	2.6	2.7
						1.0	0.1	65	26.6		7.8		25.5		98.3		6.8		0.5		3		84				<0.2		2.7	
					Middle	6.1	0.4	260	25.9	25.9	7.8	7.8	27.6	27.6	94.5	94.5	6.6		1.0		3		85				<0.2		2.8	
						6.1	0.4	270	25.9		7.8		27.6		94.4		6.6		1.0		5		86				<0.2		2.8	
					Bottom	11.2	0.2	276	25.7	25.7	7.8	7.8	30.0	30.0	93.7	93.7	6.5	6.5	1.2		4		87				<0.2		2.7	
						11.2	0.2	289	25.7		7.8		30.0		93.7		6.5		1.2		4		88				<0.2		2.8	
IM1	Cloudy	Moderate	07:24	7.0	Surface	1.0	0.1	197	26.8	26.8	8.2	8.2	22.5	22.5	111.5	111.5	7.9	7.9	7.8	10.7	4	6	83	85	818379	806466	<0.2	<0.2	2.7	2.5
						1.0	0.1	215	26.8		8.2		22.5		111.5		7.9		7.8		2		83				<0.2		2.8	
					Middle	3.5	0.1	166	26.9	26.9	8.2	8.2	25.4	25.4	113.1	113.1	7.8		10.4		4		86				<0.2		2.6	
						3.5	0.1	178	26.9		8.2		25.4		113.1		7.8		10.4		6		85				<0.2		2.6	
					Bottom	6.0	0.1	80	26.8	26.8	8.3	8.3	26.1	26.1	112.3	112.3	7.8	7.8	14.0		9		87				<0.2		2.2	
						6.0	0.2	85	26.8		8.3		26.1		112.3		7.8		14.0		8		88				<0.2		2.2	
IM2	Cloudy	Moderate	07:29	8.3	Surface	1.0	0.1	249	26.8	26.8	8.2	8.2	22.4	22.4	109.5	109.5	7.7	7.7	7.7	8.8	4	4	84	86	818838	806168	<0.2	<0.2	2.8	2.6
						1.0	0.1	270	26.8		8.2		22.4		109.5		7.7		7.7		2		84				<0.2		2.8	
					Middle	4.2	0.0	0	26.9	26.9	8.2	8.2	25.5	25.5	110.3	110.3	7.6		10.1		4		85				<0.2		2.8	
						4.2	0.0	0	26.9		8.2		25.5		110.3		7.6		10.1		3		86				<0.2		2.8	
					Bottom	7.3	0.0	121	26.8	26.8	8.2	8.2	25.7	25.7	108.7	108.7	7.5	7.5	8.5		6		87				<0.2		2.1	
						7.3	0.0	127	26.8		8.2		25.7		108.7		7.5		8.5		5		88				<0.2		2.2	
IM3	Cloudy	Moderate	07:35	8.5	Surface	1.0	0.1	204	26.8	26.8	8.2	8.2	23.1	23.1	109.6	109.6	7.7	7.7	7.3	8.3	2	4	84	86	819400	806018	<0.2	<0.2	2.7	2.5
						1.0	0.1	216	26.8		8.2		23.1		109.6		7.7		7.3		3		84				<0.2		2.7	
					Middle	4.3	0.0	188	26.9	26.9	8.2	8.2	25.2	25.2	110.3	110.3	7.6		8.0		4		86				<0.2		2.5	
						4.3	0.0	200	26.9		8.2		25.2		110.3		7.6		8.0		4		85				<0.2		2.4	
					Bottom	7.5	0.1	59	26.9	26.9	8.2	8.2	25.5	25.5	108.6	108.6	7.5	7.5	9.5		4		88				<0.2		2.5	
						7.5	0.1	63	26.9		8.2		25.5		108.6		7.5		9.5		6		88				<0.2		2.4	
IM4	Cloudy	Moderate	07:42	7.6	Surface	1.0	0.2	221	26.5	26.5	8.2	8.2	21.7	21.7	108.5	108.5	7.7	7.7	7.4	11.6	4	5	83	86	819556	805032	<0.2	<0.2	3.3	2.7
						1.0	0.2	221	26.5		8.2		21.7		108.5		7.7		7.4		2		84				<0.2		3.2	
					Middle	3.8	0.1	188	26.8	26.8	8.3	8.3	26.0	26.0	111.0	111.0	7.7		12.2		4		86				<0.2		2.5	
						3.8	0.1	194	26.8		8.3		26.0		111.0		7.7		12.2		4		85				<0.2		2.6	
					Bottom	6.6	0.2	40	26.0	26.0	8.2	8.2	28.8	28.8	107.0	107.0	7.4	7.4	15.1		7		88				<0.2		2.3	
						6.6	0.2	41	26.0		8.2		28.8		107.0		7.4		15.1		9		87				<0.2		2.2	
IM5	Cloudy	Moderate	07:52	6.8	Surface	1.0	0.0	208	26.9	26.9	8.1	8.1	19.2	19.2	106.5	106.5	7.6	7.5	7.5	8.5	4	5	84	86	820593	804931	<0.2	<0.2	3.9	3.3
						1.0	0.0	212	26.9		8.1		19.2		106.5		7.6		7.5		4		84				<0.2		4.0	
					Middle	3.4	0.2	89	26.8	26.8	8.2	8.2	24.9	24.9	105.4	105.4	7.3		8.5		3		85				<0.2		3.7	
						3.4	0.2	90	26.8		8.2		24.9		105.4		7.3		8.5		3		86				<0.2		3.6	
					Bottom	5.8	0.1	91	26.8	26.8	8.2	8.2	25.1	25.1	105.0	105.0	7.3	7.3	9.5		8		87				<0.2		2.4	
						5.8	0.1	95	26.8		8.2		25.1		105.0		7.3		9.5		8		88				<0.2		2.4	
IM6	Cloudy	Moderate	08:00	6.8	Surface	1.0	0.2	231	26.8	26.8	8.1	8.1	18.3	18.3	103.6	103.6	7.5	7.4	8.1	10.9	2	4	84	86	821050	805813	<0.2	<0.2	3.9	3.1
						1.0	0.2	235	26.8		8.1		18.3		103.6		7.5		8.1		3		84				<0.2		3.8	
					Middle	3.4	0.1	87	26.8	26.8	8.2	8.2	23.9	23.9	104.3	104.3	7.3		9.8		4		86				<0.2		2.8	
						3.4	0.1	88	26.8		8.2		23.9		104.3		7.3		9.8		4		86				<0.2		2.9	
					Bottom	5.8	0.2	104	26.8	26.8	8.2	8.2	24.9	24.9	104.7	104.7	7.3	7.3	14.7		5		88				<0.2		2.5	
						5.8	0.2	106	26.8		8.2		24.9		104.7		7.3		14.7		6		87				<0.2		2.6	
IM7	Cloudy	Moderate	08:08	8.4	Surface	1.0	0.1	192	26.9	26.9	8.1	8.1	19.8	19.8	104.6	104.6	7.5	7.4	7.6	8.8	4	5	84	86	821366	806810	<0.2	<0.2	3.9	3.2
						1.0	0.1	195	26.9		8.1		19.8		104.6		7.5		7.6		2		84				<0.2		4.0	
					Middle	4.2	0.1	50	26.8	26.8	8.2	8.2	24.0	24.0	103.7	103.7	7.3		9.0		5		86				<0.2		3.0	
						4.2	0.1	52	26.8		8.2		24.0		103.7		7.3		9.0		6		86				<0.2		3.0	
					Bottom	7.4	0.1	100	26.8	26.8	8.2	8.2	24.1	24.1	105.6	105.6	7.4	7.4	9.8		6		88				<0.2		2.7	
						7.4	0.1	106	26.8		8.2		24.1		105.6		7.4		9.8		6		87				<0.2		2.7	
IM8	Rainy	Moderate	07:18	8.2	Surface	1.0	0.2	193	27.2	27.2	7.7	7.7	17.7	17.7	99.9	100.1	7.2	7.2	0.9	1.4	3	5	83	85	821682	807826	<0.2	<0.2	3.5	3.5
						1.0	0.2	196	27.2		7.7		17.7		100.3		7.2		0.9		4		83				<0.2		3.5	
					Middle	4.1	0.1	175	27.2	27.2	7.9	7.9	22.5	22.5	102.7	102.7	7.2		1.1		4		85				<0.2		3.5	
						4.1	0.1	184	27.2		7.9		22.5		102.7		7.2		1.1		4		86				<0.2		3.4	
					Bottom	7.2	0.1	111	27.2	27.2	7.9	7.8	23.8	23.8	102.4	102.4	7.1	7.1	2.1		7		87				<0.2		3.4	
						7.2	0.1	118	27.2		7.8		23.8		102.4		7.1		2.1		8		87				<0.2		3.6	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 08 May 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	07:11	6.8	Surface	1.0	0.1	130	27.2	27.2	7.7	7.7	18.0	18.0	100.0	100.2	7.2	7.2	1.0	1.6	5	4	83	85	822097	808797	<0.2	<0.2	3.6	3.6
						1.0	0.1	136	27.2		7.7		18.0		100.3		7.2		1.1		3		83				<0.2		4.4	
					Middle	3.4	0.2	106	27.2	27.2	7.8	7.8	21.4	21.4	101.7	101.8	7.2		1.5		5		84				<0.2		3.4	
						3.4	0.2	111	27.2		7.8		21.4		101.8		7.2		1.6		4		85				<0.2		3.4	
					Bottom	5.8	0.2	73	27.2	27.2	7.9	7.9	23.4	23.4	101.5	101.5	7.1	7.1	2.1		5		88				<0.2		3.4	
						5.8	0.2	73	27.2		7.9		23.4		101.4		7.1		2.1		4		88				<0.2		3.6	
IM10	Rainy	Moderate	07:04	6.7	Surface	1.0	0.1	136	27.3	27.3	7.8	7.8	18.6	18.6	97.1	97.1	6.9	6.9	1.0	1.5	4	4	84	85	822228	809813	<0.2	<0.2	3.7	3.8
						1.0	0.1	137	27.3		7.8		18.6		97.1		6.9		1.0		4		83				<0.2		3.7	
					Middle	3.4	0.1	133	27.2	27.2	7.8	7.8	20.7	20.7	97.9	98.0	6.9		1.6		3		85				<0.2		3.8	
						3.4	0.1	137	27.2		7.8		20.7		98.0		6.9		1.6		3		85				<0.2		3.9	
					Bottom	5.7	0.1	77	27.2	27.2	7.8	7.8	22.7	22.7	98.3	98.3	6.9	6.9	1.8		4		87				<0.2		3.7	
						5.7	0.1	78	27.2		7.8		22.7		98.2		6.9		1.8		6		88				<0.2		3.7	
IM11	Rainy	Moderate	06:48	8.0	Surface	1.0	0.2	87	27.3	27.3	7.8	7.8	19.5	19.5	96.5	96.5	6.9	6.9	0.8	1.2	5	4	83	86	821480	810546	<0.2	<0.2	3.4	3.4
						1.0	0.2	95	27.3		7.8		19.5		96.5		6.9		0.8		3		83				<0.2		3.4	
					Middle	4.0	0.1	71	27.2	27.2	7.8	7.8	22.1	22.1	98.2	98.2	6.9		1.1		4		85				<0.2		3.5	
						4.0	0.1	73	27.2		7.8		22.1		98.2		6.9		1.2		4		86				<0.2		3.5	
					Bottom	7.0	0.0	205	27.0	27.0	7.8	7.8	25.1	25.1	98.1	98.1	6.8	6.8	1.8		5		88				<0.2		3.2	
						7.0	0.0	220	27.0		7.8		25.1		98.1		6.8		1.8		4		88				<0.2		3.6	
IM12	Rainy	Moderate	06:39	8.6	Surface	1.0	0.1	110	27.1	27.1	7.8	7.8	18.9	18.9	98.2	98.3	7.0	7.0	0.5	1.0	2	3	83	86	821155	811543	<0.2	<0.2	3.7	3.7
						1.0	0.1	113	27.1		7.8		18.9		98.3		7.0		0.5		2		84				<0.2		3.7	
					Middle	4.3	0.1	324	27.0	27.0	7.8	7.8	24.8	24.9	101.5	101.5	7.0		0.9		3		86				<0.2		3.7	
						4.3	0.1	328	27.0		7.8		24.9		101.5		7.0		0.9		4		85				<0.2		3.7	
					Bottom	7.6	0.0	263	27.0	27.0	7.8	7.8	25.4	25.4	101.8	101.8	7.0	7.0	1.5		4		87				<0.2		3.6	
						7.6	0.0	278	27.0		7.8		25.4		101.7		7.0		1.5		5		88				<0.2		3.5	
SR2	Rainy	Moderate	06:05	3.7	Surface	1.0	0.2	346	27.1	27.1	7.8	7.8	22.2	22.2	99.7	99.6	7.0	7.0	0.8	0.9	4	4	83	85	821491	814187	<0.2	<0.2	3.0	2.9
						1.0	0.2	318	27.1		7.8		22.2		99.5		7.0		0.8		4		83				<0.2		2.8	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	0.2	346	27.1	27.1	7.8	7.8	24.0	24.0	99.6	99.7	6.9	6.9	1.1		3		86				<0.2		2.9	
						2.7	0.2	318	27.1		7.8		24.0		99.8		6.9		1.0		3		86				<0.2		2.9	
SR3	Rainy	Moderate	07:23	8.8	Surface	1.0	0.1	170	27.2	27.2	7.7	7.7	17.7	17.7	95.2	95.2	6.9	6.7	1.0	4.9	4	5	-	-	822147	807599	-	-	-	-
						1.0	0.1	179	27.2		7.7		17.7		95.1		6.8		1.0		6		-				-		-	
					Middle	4.4	0.2	177	27.1	27.1	7.7	7.7	22.1	22.1	92.6	92.7	6.5		1.7		4		-				-		-	
						4.4	0.2	189	27.1		7.7		22.1		92.7		6.5		1.6		6		-				-		-	
					Bottom	7.8	0.2	61	27.1	27.1	7.8	7.8	22.7	22.6	96.7	96.7	6.8	6.8	11.4		5		-				-		-	
						7.8	0.2	62	27.1		7.8		22.6		96.7		6.8		12.6		4		-				-		-	
SR4A	Cloudy	Moderate	06:41	9.1	Surface	1.0	0.2	78	26.9	26.9	8.2	8.2	22.5	22.5	109.7	109.7	7.7	7.7	7.6	9.9	4	6	-	-	817213	807803	-	-	-	-
						1.0	0.2	82	26.9		8.2		22.5		109.7		7.7		7.6		5		-				-		-	
					Middle	4.6	0.1	65	26.7	26.7	8.2	8.2	24.8	24.8	110.1	110.1	7.7		9.7		4		-				-		-	
						4.6	0.1	66	26.7		8.2		24.8		110.1		7.7		9.7		6		-				-		-	
					Bottom	8.1	0.1	171	26.6	26.6	8.2	8.2	27.7	27.7	107.4	107.4	7.4	7.4	12.4		8		-				-		-	
						8.1	0.1	174	26.6		8.2		27.7		107.4		7.4		12.4		9		-				-		-	
SR5A	Rainy	Calm	06:22	3.8	Surface	1.0	0.1	74	26.4	26.4	8.2	8.2	23.8	23.8	112.4	112.4	7.9	7.9	7.6	7.9	4	5	-	-	816622	810698	-	-	-	-
						1.0	0.1	79	26.4		8.2		23.8		112.4		7.9		7.6		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.8	0.1	1	26.6	26.6	8.3	8.3	26.4	26.4	112.8	112.8	7.8	7.8	8.2		4		-				-		-	
						2.8	0.1	1	26.6		8.3		26.4		112.8		7.8		8.2		5		-				-		-	
SR6	Rainy	Calm	05:53	4.3	Surface	1.0	0.0	142	26.9	26.9	8.1	8.1	23.8	23.8	116.8	116.8	8.2	8.2	7.5	8.3	2	4	-	-	817905	814647	-	-	-	-
						1.0	0.0	152	26.9		8.1		23.8		116.8		8.2		7.5		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.1	86	26.8	26.8	8.2	8.2	25.6	25.6	114.9	114.9	8.0	8.0	9.1		4		-				-		-	
						3.3	0.1	86	26.8		8.2		25.6		114.9		8.0		9.1		4		-				-		-	
SR7	Rainy	Moderate	05:02	18.6	Surface	1.0	0.1	242	26.5	26.5	7.8	7.8	26.4	26.4	95.5	95.5	6.6	6.5	0.6	1.5	3	3	-	-	823651	823728	-	-	-	-
						1.0	0.1	255	26.5		7.8		26.4		95.5		6.6		0.6		2		-				-		-	
					Middle	9.3	0.1	344	25.6	25.6	7.8	7.8	30.5	30.5	92.0	92.1	6.3		1.4		3		-				-		-	
						9.3	0.1	316	25.6		7.8		30.5		92.1		6.3		1.4		3		-				-		-	
					Bottom	17.6	0.1	169	25.5	25.5	7.8	7.8	30.8	30.8	92.2	92.2	6.3	6.3	2.4		4		-				-		-	
						17.6	0.1	181	25.5		7.8		30.8		92.2		6.3		2.5		3		-				-		-	
SR8	Rainy	Calm	06:33	3.5	Surface	1.0	-	-	26.9	26.9	7.7	7.7	19.0	19.0	97.2	97.2	7.0	7.0	0.7	0.8	3	3	-	-	820246	811418	-	-	-	-
						1.0	-	-	26.9		7.7		19.0		97.2		7.0		0.7		2		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.5	-	-	27.0	27.0	7.7	7.7	19.6	19.7	98.5	98.6	7.0	7.0	0.9		4		-				-		-	
						2.5	-	-	27.0		7.7		19.7		98.6		7.0		0.9		3		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 10 May 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	09:58	8.8	Surface	1.0	0.0	262	25.4	25.4	8.3	8.3	29.1	29.1	104.5	104.0	7.3	7.1	7.6	9.1	4	4	82	85	815607	804243	<0.2	<0.2	1.4	1.5
						1.0	0.0	276	25.4		8.3		29.1		103.4		7.2		7.7		4		83				<0.2		1.5	
					Middle	4.4	0.4	162	25.3	25.3	8.2	8.2	31.1	31.1	99.9	99.9	6.9		9.6		4		84				<0.2		1.5	
						4.4	0.4	165	25.3		8.2		31.1		99.9		6.9		9.6		4		85				<0.2		1.6	
					Bottom	7.8	0.1	195	25.3	25.3	8.2	8.2	31.6	31.6	100.6	100.6	6.9	6.9	10.1		5		87				<0.2		1.4	
						7.8	0.1	204	25.3		8.2		31.6		100.6		6.9		10.2		4		87				<0.2		1.5	
C2	Cloudy	Rough	11:25	12.0	Surface	1.0	0.5	190	26.0	26.0	8.1	8.1	22.4	22.4	98.1	98.1	7.0	6.9	9.8	9.7	5	5	84	86	825691	806958	<0.2	<0.2	3.2	2.6
						1.0	0.5	194	26.0		8.1		22.4		98.1		7.0		9.8		5		84				<0.2		3.2	
					Middle	6.0	0.4	199	25.8	25.8	8.1	8.1	27.5	27.5	96.9	96.9	6.8		9.4		5		86				<0.2		2.6	
						6.0	0.4	200	25.8		8.1		27.5		96.9		6.8		9.4		6		85				<0.2		2.8	
					Bottom	11.0	0.4	204	25.7	25.7	8.1	8.1	29.0	29.0	98.2	98.2	6.8	6.8	10.0		5		87				<0.2		2.0	
						11.0	0.4	205	25.7		8.1		29.0		98.2		6.8		10.0		5		87				<0.2		2.0	
C3	Cloudy	Rough	09:10	12.2	Surface	1.0	0.2	355	25.0	25.0	8.1	8.1	31.6	31.6	97.2	97.2	6.7	6.7	7.3	7.6	4	5	85	86	822137	817814	<0.2	<0.2	1.2	0.9
						1.0	0.2	327	25.0		8.1		31.6		97.2		6.7		7.3		4		85				<0.2		1.1	
					Middle	6.1	0.1	121	24.9	24.9	8.1	8.1	32.8	32.8	95.6	95.6	6.6		7.9		5		87				<0.2		0.9	
						6.1	0.1	130	24.9		8.1		32.8		95.6		6.6		7.9		3		86				<0.2		0.8	
					Bottom	11.2	0.2	110	24.9	24.9	8.1	8.1	32.8	32.8	96.5	96.5	6.6	6.6	7.6		6		87				<0.2		0.7	
						11.2	0.2	119	24.9		8.1		32.8		96.5		6.6		7.6		6		87				<0.2		0.7	
IM1	Cloudy	Rough	10:19	7.7	Surface	1.0	0.1	234	25.3	25.3	8.3	8.3	30.2	30.2	105.6	105.6	7.3	7.3	7.7	8.5	6	6	83	85	818345	806452	<0.2	<0.2	1.3	1.2
						1.0	0.1	248	25.3		8.3		30.2		105.6		7.3		7.8		7		83				<0.2		1.2	
					Middle	3.9	0.1	207	25.3	25.3	8.3	8.3	30.2	30.2	104.2	104.1	7.2		8.5		5		84				<0.2		1.2	
						3.9	0.1	211	25.3		8.3		30.2		103.9		7.2		8.4		6		84				<0.2		1.2	
					Bottom	6.7	0.1	130	25.3	25.3	8.2	8.2	30.7	30.7	103.0	103.1	7.1	7.1	9.4		5		87				<0.2		1.3	
						6.7	0.1	140	25.3		8.2		30.7		103.1		7.1		9.4		7		87				<0.2		1.1	
IM2	Cloudy	Rough	10:24	8.2	Surface	1.0	0.1	233	25.3	25.3	8.3	8.3	30.2	30.2	106.4	106.4	7.4	7.4	8.2	8.5	7	7	82	85	818832	806214	<0.2	<0.2	1.2	1.3
						1.0	0.1	243	25.3		8.3		30.2		106.4		7.4		8.2		6		82				<0.2		1.4	
					Middle	4.1	0.1	197	25.3	25.3	8.3	8.3	30.2	30.2	105.0	105.0	7.3		8.5		8		85				<0.2		1.3	
						4.1	0.1	209	25.3		8.3		30.2		105.0		7.3		8.5		6		85				<0.2		1.4	
					Bottom	7.2	0.1	176	25.3	25.3	8.3	8.3	30.3	30.3	104.4	104.4	7.2	7.2	8.8		9		86				<0.2		1.2	
						7.2	0.1	185	25.3		8.3		30.3		104.4		7.2		8.8		8		87				<0.2		1.3	
IM3	Cloudy	Rough	10:31	8.5	Surface	1.0	0.1	233	25.3	25.3	8.3	8.3	30.2	30.2	106.2	106.1	7.4	7.3	8.2	8.2	5	9	83	85	819438	805999	<0.2	<0.2	1.3	1.3
						1.0	0.1	254	25.3		8.3		30.2		106.0		7.3		8.2		6		83				<0.2		1.3	
					Middle	4.3	0.1	230	25.3	25.3	8.3	8.3	30.2	30.2	105.4	105.4	7.3		8.3		8		85				<0.2		1.3	
						4.3	0.1	240	25.3		8.3		30.2		105.4		7.3		8.3		7		85				<0.2		1.3	
					Bottom	7.5	0.1	206	25.3	25.3	8.3	8.3	30.2	30.2	105.3	105.3	7.3	7.3	8.1		12		87				<0.2		1.3	
						7.5	0.1	211	25.3		8.3		30.2		105.3		7.3		8.1		13		87				<0.2		1.3	
IM4	Cloudy	Rough	10:38	7.5	Surface	1.0	0.3	225	25.3	25.3	8.3	8.3	30.0	30.0	106.5	106.5	7.4	7.4	8.0	8.3	8	8	84	85	819558	805020	<0.2	<0.2	1.4	1.6
						1.0	0.3	244	25.3		8.3		30.0		106.4		7.4		8.0		8		84				<0.2		1.6	
					Middle	3.8	0.4	243	25.3	25.3	8.3	8.3	30.0	30.0	105.0	105.0	7.3		8.2		7		85				<0.2		1.6	
						3.8	0.4	262	25.3		8.3		30.0		104.9		7.3		8.2		7		85				<0.2		1.6	
					Bottom	6.5	0.4	237	25.3	25.3	8.3	8.3	30.2	30.3	104.2	104.2	7.2	7.2	8.6		9		87				<0.2		1.7	
						6.5	0.4	245	25.3		8.3		30.3		104.2		7.2		8.7		8		87				<0.2		1.6	
IM5	Cloudy	Rough	10:50	6.9	Surface	1.0	0.1	248	25.3	25.3	8.3	8.3	30.1	30.1	104.5	104.5	7.3	7.2	8.4	9.1	8	9	84	87	820570	804934	<0.2	<0.2	1.7	1.7
						1.0	0.1	259	25.3		8.3		30.1		104.5		7.2		8.5		9		84				<0.2		1.7	
					Middle	3.5	0.2	233	25.3	25.3	8.3	8.3	30.1	30.1	104.0	104.0	7.2		8.7		9		87				<0.2		1.7	
						3.5	0.2	236	25.3		8.3		30.1		103.9		7.2		8.8		7		87				<0.2		1.6	
					Bottom	5.9	0.2	250	25.3	25.3	8.3	8.3	30.2	30.2	103.6	103.6	7.2	7.2	10.0		10		89				<0.2		2.0	
						5.9	0.2	252	25.3		8.3		30.2		103.6		7.2		10.1		10		89				<0.2		1.7	
IM6	Cloudy	Rough	11:00	7.0	Surface	1.0	0.6	248	25.5	25.5	8.2	8.2	28.0	28.0	103.9	103.9	7.3	7.3	8.0	8.7	8	9	84	87	821035	805853	<0.2	<0.2	1.6	1.7
						1.0	0.6	268	25.5		8.2		28.0		103.8		7.3		8.0		9		85				<0.2		1.7	
					Middle	3.5	0.3	247	25.4	25.4	8.2	8.2	28.9	28.9	103.0	103.0	7.2		8.6		10		87				<0.2		1.7	
						3.5	0.3	249	25.4		8.2		28.9		103.0		7.2		8.7		9		87				<0.2		1.8	
					Bottom	6.0	0.2	248	25.3	25.3	8.2	8.2	30.0	30.0	101.7	101.7	7.1	7.1	9.4		8		89				<0.2		1.7	
						6.0	0.2	252	25.3		8.2		30.1		101.6		7.1		9.7		10		89				<0.2		1.8	
IM7	Cloudy	Rough	11:13	8.4	Surface	1.0	0.4	233	25.6	25.6	8.2	8.2	27.0	27.0	102.6	102.6	7.2	7.2	8.5	8.4	10	9	83	86	821332	806851	<0.2	<0.2	2.0	2.0
						1.0	0.4	250	25.6		8.2		27.0		102.6		7.2		8.6		9		83				<0.2		2.0	
					Middle	4.2	0.3	250	25.3	25.3	8.2	8.2	28.9	28.9	102.5	102.5	7.2		8.2		9		87				<0.2		2.0	
						4.2	0.3	266	25.3		8.2		28.9		102.5		7.2		8.3		8		87				<0.2		2.0	
					Bottom	7.4	0.0	153	25.3	25.3	8.2	8.2	29.6	29.6	102.5	102.5	7.1	7.1	8.3		10		88				<0.2		1.9	
						7.4	0.0	157	25.3		8.2		29.6		102.5		7.1		8.3		9		89				<0.2		1.8	
IM8	Cloudy	Rough	10:51	8.4	Surface	1.0	0.4	226	25.6	25.6	8.2	8.2	27.8	27.8	102.3	102.3	7.1	7.1	9.3	9.2	4	6	84	85	821706	807827	<0.2	<0.2	1.8	1.8
						1.0	0.4	248	25.6		8.2		27.8		102.3		7.1		9.3		5		84				<0.2		1.8	
					Middle	4.2	0.4	218	25.6	25.6	8.2	8.2	27.9	27.9	102.2	102.2	7.1		9.2		4		85				<0.2		1.9	
						4.2	0.4	228	25.6		8.2		27.9		102.2		7.1		9.2		5		86				<0.2		1.9	
					Bottom	7.4	0.2	258	25.3	25.3	8.2	8.2	30.5	30.5	102.0	102.0	7.1	7.1	9.2		8		87				<0.2		1.7	
						7.4	0.2	275	25.3		8.2		30.5		102.0		7.1		9.2		8		86				<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 10 May 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	Rough	10:43	7.2	Surface	1.0	0.2	240	25.5	25.5	8.2	8.2	28.0	28.0	102.0	102.0	7.1	7.1	9.0	9.3	8	12	84	86	822083	808812	<0.2	<0.2	1.8	1.8
						1.0	0.2	255	25.5		8.2		28.0		102.0		7.1		9.0		8		84				<0.2		1.8	
					Middle	3.6	0.3	218	25.5	25.5	8.2	8.2	28.2	28.2	101.3	101.3	7.1		9.4		11		85				<0.2		1.8	
						3.6	0.3	227	25.5		8.2		28.2		101.3		7.1		9.4		12		86				<0.2		1.9	
					Bottom	6.2	0.1	218	25.2	25.2	8.2	8.2	30.7	30.7	101.6	101.6	7.0	7.0	9.6		15		87				<0.2		1.7	
						6.2	0.1	239	25.2		8.2		30.7		101.6		7.0		9.6		16		87				<0.2		1.7	
IM10	Cloudy	Rough	10:35	8.1	Surface	1.0	0.2	173	25.5	25.5	8.2	8.2	28.4	28.4	101.1	101.1	7.1	7.1	9.1	9.4	13	14	84	86	822254	809850	<0.2	<0.2	1.7	1.7
						1.0	0.2	185	25.5		8.2		28.4		101.1		7.1		9.1		13		84				<0.2		1.7	
					Middle	4.1	0.2	163	25.5	25.5	8.2	8.2	28.5	28.5	100.4	100.4	7.0		9.5		12		85				<0.2		1.8	
						4.1	0.2	168	25.5		8.2		28.5		100.4		7.0		9.5		13		86				<0.2		1.8	
					Bottom	7.1	0.2	129	25.4	25.4	8.2	8.2	29.1	29.1	100.2	100.2	7.0	7.0	9.7		16		87				<0.2		1.7	
						7.1	0.3	136	25.4		8.2		29.1		100.2		7.0		9.7		19		87				<0.2		1.7	
IM11	Cloudy	Rough	10:17	7.3	Surface	1.0	0.2	140	25.4	25.4	8.2	8.2	28.9	28.9	100.6	100.6	7.0	7.0	9.0	9.7	8	9	84	86	821484	810534	<0.2	<0.2	1.6	1.5
						1.0	0.2	153	25.4		8.2		28.9		100.6		7.0		9.0		6		85				<0.2		1.6	
					Middle	3.7	0.3	124	25.4	25.4	8.2	8.2	28.9	28.9	100.6	100.6	7.0		10.1		10		85				<0.2		1.5	
						3.7	0.3	132	25.4		8.2		28.9		100.6		7.0		10.1		10		86				<0.2		1.5	
					Bottom	6.3	0.2	119	25.3	25.3	8.2	8.2	29.9	29.9	102.5	102.6	7.1	7.1	10.2		10		87				<0.2		1.5	
						6.3	0.2	127	25.3		8.2		29.9		102.6		7.1		10.0		9		86				<0.2		1.4	
IM12	Cloudy	Rough	10:07	9.0	Surface	1.0	0.2	101	25.4	25.4	8.1	8.1	28.8	28.8	96.1	96.1	6.7	6.7	11.3	12.5	8	11	83	85	821158	811491	<0.2	<0.2	1.7	1.7
						1.0	0.2	108	25.4		8.1		28.8		96.1		6.7		11.3		8		84				<0.2		1.7	
					Middle	4.5	0.2	108	25.4	25.4	8.1	8.1	28.8	28.8	95.9	95.9	6.7		13.0		10		86				<0.2		1.7	
						4.5	0.2	112	25.4		8.1		28.8		95.9		6.7		13.0		10		85				<0.2		1.6	
					Bottom	8.0	0.2	120	25.5	25.5	8.1	8.1	28.8	28.8	97.8	97.8	6.8	6.8	13.1		13		86				<0.2		1.5	
						8.0	0.2	129	25.5		8.1		28.8		97.8		6.8		13.1		14		86				<0.2		1.7	
SR2	Cloudy	Rough	09:33	4.9	Surface	1.0	0.1	41	25.4	25.4	8.1	8.1	29.0	29.0	95.9	95.9	6.7	6.7	8.5	8.2	7	7	85	86	821479	814163	<0.2	<0.2	1.5	1.6
						1.0	0.1	42	25.4		8.1		29.0		95.9		6.7		8.5		6		84				<0.2		1.6	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.9	0.2	61	25.4	25.4	8.1	8.1	30.2	30.2	97.6	97.6	6.8	6.8	7.9		6		87				<0.2		1.5	
						3.9	0.2	62	25.4		8.1		30.2		97.6		6.8		7.9		7		86				<0.2		1.6	
SR3	Cloudy	Rough	11:00	9.0	Surface	1.0	0.3	218	25.7	25.7	8.2	8.2	27.2	27.2	102.0	102.0	7.1	7.1	9.2	9.7	5	7	-	-	822133	807565	-	-	-	-
						1.0	0.3	228	25.7		8.2		27.2		102.0		7.1		9.2		7		-				-		-	
					Middle	4.5	0.3	220	25.5	25.5	8.2	8.2	28.3	28.3	101.5	101.5	7.1		10.0		6		-				-		-	
						4.5	0.3	238	25.5		8.2		28.3		101.5		7.1		10.0		8		-				-		-	
					Bottom	8.0	0.3	254	25.2	25.2	8.3	8.3	30.4	30.4	101.6	101.6	7.0	7.0	10.0		7		-				-		-	
						8.0	0.3	258	25.2		8.3		30.4		101.6		7.0		10.0		8		-				-		-	
SR4A	Cloudy	Moderate	09:39	8.4	Surface	1.0	0.0	168	25.2	25.2	8.2	8.2	28.9	28.9	104.7	104.7	7.3	7.3	7.6	9.5	5	8	-	-	817187	807816	-	-	-	-
						1.0	0.0	180	25.2		8.2		28.9		104.7		7.3		7.6		7		-				-		-	
					Middle	4.2	0.2	101	25.2	25.2	8.2	8.2	29.5	29.5	103.0	103.0	7.2		8.7		7		-				-		-	
						4.2	0.2	101	25.2		8.2		29.5		102.9		7.2		8.8		6		-				-		-	
					Bottom	7.4	0.2	87	25.2	25.2	8.2	8.2	30.8	30.8	100.2	100.2	6.9	6.9	12.2		12		-				-		-	
						7.4	0.2	90	25.2		8.2		30.8		100.2		6.9		12.2		11		-				-		-	
SR5A	Cloudy	Moderate	09:22	4.9	Surface	1.0	0.0	227	25.5	25.5	8.2	8.2	24.7	24.7	99.1	99.0	7.1	7.1	7.7	8.1	6	6	-	-	816608	810715	-	-	-	-
						1.0	0.0	246	25.5		8.2		24.7		98.8		7.0		7.7		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.9	0.0	313	25.5	25.5	8.2	8.2	26.6	26.6	97.4	97.4	6.9	6.9	8.5		6		-				-		-	
						3.9	0.0	317	25.5		8.2		26.6		97.4		6.9		8.5		5		-				-		-	
SR6	Cloudy	Moderate	08:59	4.8	Surface	1.0	0.1	65	25.6	25.6	8.1	8.1	27.0	27.0	95.9	95.9	6.7	6.7	8.1	8.0	6	7	-	-	817890	814691	-	-	-	-
						1.0	0.1	65	25.6		8.1		27.0		95.9		6.7		8.0		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.8	0.1	110	25.6	25.6	8.1	8.1	27.0	27.0	97.2	97.2	6.8	6.8	8.0		7		-				-		-	
						3.8	0.1	119	25.6		8.1		27.0		97.2		6.8		8.0		7		-				-		-	
SR7	Cloudy	Moderate	08:39	16.5	Surface	1.0	0.1	28	25.0	25.0	8.1	8.1	32.3	32.3	95.3	95.3	6.6	6.5	7.1	7.9	3	5	-	-	823633	823712	-	-	-	-
						1.0	0.1	29	25.0		8.1		32.3		95.3		6.6		7.1		5		-				-		-	
					Middle	8.3	0.1	326	24.9	24.9	8.1	8.1	32.7	32.7	93.3	93.3	6.4		7.7		5		-				-		-	
						8.3	0.1	346	24.9		8.1		32.7		93.3		6.4		7.7		6		-				-		-	
					Bottom	15.5	0.1	60	24.8	24.8	8.1	8.1	33.2	33.2	92.6	92.6	6.4	6.4	8.9		6		-				-		-	
						15.5	0.1	65	24.8		8.1		33.2		92.6		6.4		8.9		6		-				-		-	
SR8	Cloudy	Rough	10:01	4.2	Surface	1.0	-	-	25.4	25.4	8.1	8.1	28.6	28.6	100.1	100.1	7.0	7.0	10.9	11.5	8	9	-	-	820246	811418	-	-	-	-
						1.0	-	-	25.4		8.1		28.6		100.1		7.0		10.9		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	-	-	25.4	25.4	8.1	8.1	28.7	28.7	102.3	102.3	7.1	7.1	12.1		11		-				-		-	
						3.2	-	-	25.4		8.1		28.7		102.3		7.1		12.1		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 10 May 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	Rough	14:26	8.8	Surface	1.0	0.1	7	25.4	25.4	8.3	8.3	30.4	30.4	104.8	104.6	7.2	7.0	8.7	11.4	6	8	84	87	815626	804268	<0.2	<0.2	0.9	0.9
						1.0	0.1	7	25.4		8.3		30.4		104.3		7.2		8.8		5		84				<0.2		0.8	
					Middle	4.4	0.2	48	25.3	25.3	8.2	8.2	31.2	31.3	97.6	97.5	6.7		11.2		9		87				<0.2		0.9	
						4.4	0.2	51	25.3		8.2		31.3		97.4		6.7		11.6		7		87				<0.2		1.0	
					Bottom	7.8	0.1	16	25.2	25.2	8.2	8.2	31.7	31.7	98.5	98.9	6.8	6.8	14.1		10		89				<0.2		0.9	
						7.8	0.1	16	25.2		8.2		31.7		99.3		6.8		14.0		8		89				<0.2		0.9	
C2	Cloudy	Rough	13:24	11.6	Surface	1.0	0.5	219	26.0	26.0	8.1	8.1	21.6	21.6	98.7	98.7	7.1	7.0	9.4	8.3	8	9	83	85	825701	806917	<0.2	<0.2	3.3	2.5
						1.0	0.6	238	26.0		8.1		21.6		98.7		7.1		9.4		7		83				<0.2		3.2	
					Middle	5.8	0.5	224	25.6	25.6	8.2	8.2	28.5	28.5	98.4	98.4	6.8		7.6		8		85				<0.2		2.4	
						5.8	0.6	225	25.6		8.2		28.5		98.4		6.8		7.6		10		85				<0.2		2.5	
					Bottom	10.6	0.3	221	25.7	25.7	8.1	8.1	29.3	29.3	99.0	99.0	6.9	6.9	7.8		8		87				<0.2		1.8	
						10.6	0.3	235	25.7		8.1		29.3		99.0		6.9		7.8		10		86				<0.2		1.8	
C3	Cloudy	Rough	15:48	12.1	Surface	1.0	0.3	252	25.2	25.2	8.2	8.2	30.7	30.7	102.9	102.9	7.1	6.9	6.8	7.5	5	4	84	87	822129	817806	<0.2	<0.2	1.2	1.1
						1.0	0.4	270	25.2		8.2		30.7		102.9		7.1		6.8		3		85				<0.2		1.1	
					Middle	6.1	0.2	261	25.0	25.0	8.2	8.2	32.2	32.2	96.6	96.6	6.6		7.9		3		87				<0.2		1.3	
						6.1	0.2	284	25.0		8.2		32.2		96.6		6.6		7.9		3		86				<0.2		1.2	
					Bottom	11.1	0.1	252	25.0	25.0	8.2	8.2	32.4	32.4	102.0	102.0	7.0	7.0	7.9		5		88				<0.2		0.9	
						11.1	0.1	257	25.0		8.2		32.4		102.0		7.0		7.9		4		89				<0.2		0.9	
IM1	Cloudy	Rough	14:05	8.1	Surface	1.0	0.1	0	25.2	25.2	8.3	8.3	30.6	30.6	105.4	105.4	7.3	7.3	8.4	8.6	6	8	83	85	818350	806456	<0.2	<0.2	1.0	1.0
						1.0	0.1	0	25.2		8.3		30.6		105.4		7.3		8.4		6		83				<0.2		1.0	
					Middle	4.1	0.1	13	25.2	25.2	8.3	8.3	30.6	30.6	104.8	104.8	7.3		8.6		9		85				<0.2		1.0	
						4.1	0.2	13	25.2		8.3		30.6		104.8		7.3		8.5		8		86				<0.2		1.1	
					Bottom	7.1	0.2	30	25.2	25.2	8.3	8.3	30.6	30.6	104.6	104.6	7.2	7.2	8.9		11		87				<0.2		1.0	
						7.1	0.2	31	25.2		8.3		30.6		104.6		7.2		8.9		9		88				<0.2		1.1	
IM2	Cloudy	Rough	14:00	7.8	Surface	1.0	0.1	260	25.2	25.2	8.3	8.3	30.4	30.4	107.0	107.0	7.4	7.4	7.4	8.2	8	9	84	86	818826	806206	<0.2	<0.2	1.9	2.2
						1.0	0.1	274	25.2		8.3		30.4		107.0		7.4		7.5		8		84				<0.2		2.2	
					Middle	3.9	0.1	9	25.2	25.2	8.3	8.3	30.4	30.4	106.0	106.0	7.4		8.0		10		86				<0.2		2.1	
						3.9	0.1	9	25.2		8.3		30.4		106.0		7.4		8.1		9		87				<0.2		2.3	
					Bottom	6.8	0.1	56	25.2	25.2	8.3	8.3	30.4	30.4	105.5	105.6	7.3	7.3	9.0		9		88				<0.2		2.2	
						6.8	0.1	59	25.2		8.3		30.4		105.6		7.3		9.0		8		88				<0.2		2.3	
IM3	Cloudy	Rough	13:54	8.5	Surface	1.0	0.3	248	25.3	25.3	8.3	8.3	29.1	29.1	104.6	104.6	7.3	7.3	11.8	11.3	12	13	83	85	819410	806048	<0.2	<0.2	2.2	2.2
						1.0	0.3	271	25.3		8.3		29.1		104.5		7.3		11.8		11		83				<0.2		2.1	
					Middle	4.3	0.2	253	25.3	25.3	8.3	8.3	29.2	29.2	104.1	104.1	7.3		11.1		13		84				<0.2		2.2	
						4.3	0.2	271	25.3		8.3		29.2		104.1		7.3		11.1		14		85				<0.2		2.2	
					Bottom	7.5	0.1	346	25.2	25.2	8.3	8.3	29.7	29.7	104.5	104.5	7.3	7.3	11.0		13		87				<0.2		2.2	
						7.5	0.1	357	25.2		8.3		29.7		104.5		7.3		11.0		15		87				<0.2		2.2	
IM4	Cloudy	Rough	13:44	7.8	Surface	1.0	0.3	278	25.3	25.3	8.3	8.3	29.1	29.1	106.9	106.9	7.5	7.5	8.7	8.9	5	7	82	85	819556	805065	<0.2	<0.2	2.2	2.1
						1.0	0.3	291	25.3		8.3		29.1		106.9		7.5		8.6		7		83				<0.2		2.2	
					Middle	3.9	0.3	286	25.3	25.3	8.3	8.3	29.4	29.4	106.4	106.4	7.4		8.9		7		85				<0.2		2.2	
						3.9	0.3	291	25.3		8.3		29.4		106.4		7.4		9.0		7		85				<0.2		2.1	
					Bottom	6.8	0.2	348	25.3	25.3	8.3	8.3	29.6	29.6	106.4	106.4	7.4	7.4	9.0		8		87				<0.2		2.0	
						6.8	0.2	320	25.3		8.3		29.6		106.4		7.4		8.9		8		87				<0.2		2.1	
IM5	Cloudy	Rough	13:35	7.1	Surface	1.0	0.4	268	25.7	25.7	8.2	8.2	27.2	27.2	104.5	104.5	7.3	7.3	8.2	9.6	7	6	82	85	820561	804899	<0.2	<0.2	2.2	2.2
						1.0	0.4	272	25.7		8.2		27.2		104.5		7.3		8.2		7		83				<0.2		2.2	
					Middle	3.6	0.2	295	25.6	25.6	8.2	8.2	28.0	28.0	103.2	103.2	7.2		9.0		6		85				<0.2		2.2	
						3.6	0.2	310	25.6		8.2		28.0		103.1		7.2		9.2		5		86				<0.2		2.2	
					Bottom	6.1	0.2	324	25.4	25.3	8.2	8.2	29.6	29.6	102.2	102.3	7.1	7.1	11.3		6		86				<0.2		2.2	
						6.1	0.2	342	25.3		8.2		29.7		102.4		7.1		11.6		5		87				<0.2		2.2	
IM6	Cloudy	Rough	13:28	6.9	Surface	1.0	0.7	255	25.8	25.8	8.2	8.2	26.0	26.0	107.6	107.5	7.6	7.4	7.4	8.1	4	5	83	85	821074	805810	<0.2	<0.2	2.1	2.1
						1.0	0.7	275	25.8		8.2		26.0		107.4		7.5		7.4		5		83				<0.2		2.1	
					Middle	3.5	0.5	274	25.7	25.7	8.2	8.2	27.5	27.5	103.4	103.4	7.2		8.4		5		84				<0.2		2.2	
						3.5	0.5	274	25.7		8.2		27.5		103.4		7.2		8.4		4		85				<0.2		2.1	
					Bottom	5.9	0.2	308	25.6	25.6	8.2	8.2	27.6	27.6	103.6	103.6	7.2	7.2	8.5		5		87				<0.2		2.1	
						5.9	0.2	329	25.6		8.2		27.6		103.6		7.2		8.5		4		87				<0.2		2.2	
IM7	Cloudy	Rough	13:21	8.0	Surface	1.0	0.6	243	26.0	26.0	8.2	8.2	24.7	24.7	106.3	106.2	7.5	7.4	7.9	8.0	4	5	83	85	821324	806832	<0.2	<0.2	2.4	2.3
						1.0	0.6	252	26.0		8.2		24.7		106.0		7.5		7.9		4		83				<0.2		2.2	
					Middle	4.0	0.5	272	25.7	25.7	8.2	8.2	26.7	26.7	102.2	102.2	7.2		8.0		4		85				<0.2		2.2	
						4.0	0.5	291	25.7		8.2		26.8		102.2		7.2		8.0		6		85				<0.2		2.2	
					Bottom	7.0	0.2	294	25.5	25.5	8.2	8.2	28.5	28.5	101.8	101.8	7.1	7.1	8.1		6		87				<0.2		2.2	
						7.0	0.2	312	25.5		8.2		28.6		101.8		7.1		8.1		5		87				<0.2		2.3	
IM8	Cloudy	Rough	13:54	8.2	Surface	1.0	0.4	220	26.0	26.0	8.2	8.2	25.3	25.3	105.6	105.6	7.4	7.5	8.8	8.8	4	5	84	85	821699	807821	<0.2	<0.2	2.3	2.2
						1.0	0.4	228	26.0		8.2		25.3		105.6		7.4		8.8		4		84				<0.2		2.3	
					Middle	4.1	0.4	239	25.8	25.8	8.2	8.2	26.5	26.5	106.8	106.8	7.5		8.2		4		85				<0.2		2.4	
						4.1	0.4	254	25.8		8.2		26.5		106.8		7.5		8.2		5		85				<0.2		2.3	
					Bottom	7.2	0.3	279	25.7	25.7	8.2	8.2	28.0	28.0	104.5	104.5	7.3	7.3	9.4		7		87				<0.2		1.8	
						7.2	0.3	294	25.7		8.2		28.0		104.5		7.3		9.4		6		86				<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 10 May 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	Rough	14:06	7.5	Surface	1.0	0.3	242	25.9	25.9	8.2	8.2	26.7	26.7	109.2	109.1	7.6	7.6	7.7	7.7	5	4	84	85	822101	808838	<0.2	<0.2	2.1	2.1
						1.0	0.3	256	25.9		8.2		26.8		109.0		7.6		7.7		4		84				<0.2		2.1	
					Middle	3.8	0.4	251	25.8	25.8	8.2	8.2	27.1	27.1	107.8	107.8	7.5		7.8		4		86				<0.2		2.2	
						3.8	0.4	254	25.8		8.2		27.1		107.8		7.5		7.8		4		85				<0.2		2.2	
					Bottom	6.5	0.3	267	25.8	25.8	8.2	8.2	27.5	27.5	108.4	108.4	7.6	7.6	7.7		4		86				<0.2		2.1	
						6.5	0.3	282	25.8		8.2		27.5		108.4		7.6		7.7		4		87				<0.2		2.1	
IM10	Cloudy	Rough	14:18	7.6	Surface	1.0	0.4	260	25.6	25.6	8.2	8.2	28.2	28.2	106.8	106.8	7.4	7.4	8.2	8.8	4	5	84	86	822225	809814	<0.2	<0.2	1.8	1.8
						1.0	0.4	280	25.6		8.2		28.2		106.8		7.4		8.2		3		85				<0.2		1.8	
					Middle	3.8	0.4	260	25.6	25.6	8.2	8.2	28.3	28.3	104.1	104.1	7.3		8.7		4		86				<0.2		1.9	
						3.8	0.4	273	25.6		8.2		28.3		104.1		7.3		8.7		4		87				<0.2		1.8	
					Bottom	6.6	0.3	288	25.5	25.5	8.2	8.2	28.6	28.6	104.8	104.8	7.3	7.3	9.4		6		88				<0.2		1.8	
						6.6	0.3	309	25.5		8.2		28.6		104.8		7.3		9.4		6		87				<0.2		1.8	
IM11	Cloudy	Rough	14:40	8.8	Surface	1.0	0.4	273	25.4	25.4	8.2	8.2	28.9	28.9	103.6	103.6	7.2	7.2	8.6	8.7	7	6	84	86	821524	810566	<0.2	<0.2	1.5	1.6
						1.0	0.4	281	25.4		8.2		28.9		103.6		7.2		8.6		5		85				<0.2		1.6	
					Middle	4.4	0.3	261	25.4	25.4	8.2	8.2	29.0	29.0	102.5	102.5	7.1		8.8		6		85				<0.2		1.6	
						4.4	0.3	268	25.4		8.2		29.0		102.5		7.1		8.8		5		86				<0.2		1.6	
					Bottom	7.8	0.1	270	25.4	25.4	8.2	8.2	29.0	29.0	105.3	105.3	7.3	7.3	8.7		5		87				<0.2		1.6	
						7.8	0.1	282	25.4		8.2		29.0		105.3		7.3		8.7		5		86				<0.2		1.6	
IM12	Cloudy	Rough	14:53	7.9	Surface	1.0	0.5	271	25.4	25.4	8.2	8.2	29.0	29.0	99.3	99.3	6.9	6.8	8.1	8.8	4	5	84	87	821159	811489	<0.2	<0.2	1.6	1.7
						1.0	0.5	285	25.4		8.2		29.0		99.3		6.9		8.1		4		85				<0.2		1.7	
					Middle	4.0	0.2	265	25.4	25.4	8.2	8.2	29.1	29.1	96.2	96.2	6.7		8.7		6		87				<0.2		1.6	
						4.0	0.3	288	25.4		8.2		29.1		96.2		6.7		8.7		6		86				<0.2		1.6	
					Bottom	6.9	0.1	252	25.4	25.4	8.2	8.2	29.8	29.8	94.9	94.9	6.6	6.6	9.6		6		89				<0.2		1.8	
						6.9	0.1	254	25.4		8.2		29.8		94.9		6.6		9.6		6		89				<0.2		1.6	
SR2	Cloudy	Rough	15:23	4.4	Surface	1.0	0.2	318	25.3	25.3	8.2	8.2	29.4	29.4	99.1	99.1	6.9	6.9	9.1	10.4	5	8	84	86	821465	814187	<0.2	<0.2	1.7	1.6
						1.0	0.3	335	25.3		8.2		29.4		99.1		6.9		9.1		6		84				<0.2		1.6	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.4	0.1	189	25.3	25.3	8.1	8.1	30.1	30.1	103.4	103.4	7.2	7.2	11.7		9		87				<0.2		1.6	
						3.4	0.2	207	25.3		8.1		30.1		103.4		7.2		11.7		10		88				<0.2		1.6	
SR3	Cloudy	Rough	13:47	8.5	Surface	1.0	0.4	226	26.0	26.0	8.1	8.1	24.5	24.5	105.0	105.0	7.4	7.4	8.8	8.9	6	6	-	-	822117	807588	-	-	-	-
						1.0	0.4	231	26.0		8.1		24.5		105.0		7.4		8.8		4		-				-		-	
					Middle	4.3	0.3	221	26.0	26.0	8.1	8.1	25.4	25.4	104.3	104.3	7.3		8.7		7		-				-		-	
						4.3	0.3	232	26.0		8.1		25.4		104.3		7.3		8.7		5		-				-		-	
					Bottom	7.5	0.3	278	25.6	25.6	8.2	8.2	28.1	28.1	103.9	103.9	7.2	7.2	9.1		6		-				-		-	
						7.5	0.3	279	25.6		8.2		28.1		103.9		7.2		9.1		5		-				-		-	
SR4A	Cloudy	Moderate	14:47	8.6	Surface	1.0	0.2	247	25.2	25.2	8.2	8.2	27.2	27.2	105.0	105.0	7.4	7.2	8.0	10.6	6	11	-	-	817194	807821	-	-	-	-
						1.0	0.2	248	25.2		8.2		27.2		105.0		7.4		8.0		6		-				-		-	
					Middle	4.3	0.1	91	25.2	25.2	8.2	8.2	29.6	29.6	100.4	100.4	7.0		11.4		11		-				-		-	
						4.3	0.1	98	25.2		8.2		29.6		100.3		7.0		11.4		11		-				-		-	
					Bottom	7.6	0.1	78	25.2	25.1	8.2	8.2	30.7	30.7	99.4	99.5	6.9	6.9	12.4		16		-				-		-	
						7.6	0.1	84	25.1		8.2		30.7		99.5		6.9		12.5		14		-				-		-	
SR5A	Cloudy	Moderate	15:05	5.2	Surface	1.0	0.1	30	25.4	25.4	8.2	8.2	26.5	26.5	101.3	101.3	7.2	7.2	10.6	13.0	5	5	-	-	816568	810674	-	-	-	-
						1.0	0.1	31	25.4		8.2		26.5		101.2		7.2		10.7		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.2	0.1	1	25.2	25.2	8.2	8.2	30.0	30.0	96.7	96.8	6.7	6.7	15.2		5		-				-		-	
						4.2	0.1	1	25.2		8.2		30.0		96.8		6.7		15.3		5		-				-		-	
SR6	Cloudy	Moderate	15:29	4.6	Surface	1.0	0.0	59	25.4	25.4	8.1	8.1	28.2	28.2	98.4	98.4	6.9	6.9	8.3	8.6	4	5	-	-	817903	814676	-	-	-	-
						1.0	0.0	63	25.4		8.1		28.2		98.4		6.9		8.4		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.6	0.1	107	25.4	25.4	8.1	8.1	28.6	28.6	100.4	100.9	7.0	7.1	8.8		4		-				-		-	
						3.6	0.1	110	25.4		8.1		28.6		101.3		7.1		9.0		5		-				-		-	
SR7	Cloudy	Rough	16:44	16.4	Surface	1.0	0.1	266	25.0	25.0	8.2	8.2	31.9	31.9	94.1	94.2	6.5	6.5	6.2	6.6	3	6	-	-	823620	823730	-	-	-	-
						1.0	0.1	272	25.0		8.2		31.9		94.2		6.5		6.2		3		-				-		-	
					Middle	8.2	0.1	80	24.9	24.9	8.2	8.2	32.2	32.2	93.1	93.1	6.4		6.8		5		-				-		-	
						8.2	0.1	80	24.9		8.2		32.2		93.1		6.4		6.8		7		-				-		-	
					Bottom	15.4	0.1	67	24.9	24.9	8.2	8.2	32.3	32.3	93.5	93.6	6.4	6.5	6.9		8		-				-		-	
						15.4	0.1	69	24.9		8.2		32.3		93.7		6.5		6.7		10		-				-		-	
SR8	Cloudy	Rough	15:06	4.0	Surface	1.0	-	-	25.4	25.4	8.2	8.2	29.4	29.4	97.9	97.9	6.8	6.8	11.1	11.2	6	7	-	-	820246	811418	-	-	-	-
						1.0	-	-	25.4		8.2		29.4		97.9		6.8		11.1		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	25.4	25.4	8.2	8.2	29.4	29.4	101.0	101.0	7.0	7.0	11.3		8		-				-		-	
						3.0	-	-	25.4		8.2		29.4		101.0		7.0		11.3		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 12 May 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	11:40	8.5	Surface	1.0	0.5	251	25.7	25.7	8.2	8.2	27.7	27.7	100.3	100.3	7.0	6.8	8.6	13.6	3	6	75	77	815602	804266	<0.2	<0.2	2.4	1.9
						1.0	0.6	252	25.7		8.2		27.7		100.2		7.0		8.7		4		75				<0.2		2.3	
					Middle	4.3	0.5	244	25.2	25.2	8.2	8.2	31.1	31.1	93.7	93.7	6.5		15.2		6		76				<0.2		2.3	
						4.3	0.6	263	25.2		8.2		31.1		93.7		6.5		15.1		6		77				<0.2		2.4	
					Bottom	7.5	0.0	246	25.2	25.2	8.2	8.2	31.1	31.1	94.3	94.4	6.5	6.5	17.1		8		79				<0.2		1.1	
						7.5	0.0	263	25.2		8.2		31.1		94.4		6.5		17.1		10		79				<0.2		1.1	
C2	Sunny	Moderate	12:29	11.2	Surface	1.0	0.9	157	26.2	26.2	8.1	8.1	20.5	20.5	93.5	93.5	6.7	6.6	9.9	11.4	5	5	74	77	825670	806971	<0.2	<0.2	3.7	3.7
						1.0	1.0	159	26.3		8.1		20.5		93.5		6.7		9.9		5		75				<0.2		3.7	
					Middle	5.6	0.5	166	25.5	25.5	8.1	8.1	27.9	27.9	91.8	91.8	6.4		10.7		5		76				<0.2		3.6	
						5.6	0.6	179	25.5		8.1		27.9		91.8		6.4		10.7		5		77				<0.2		3.7	
					Bottom	10.2	0.3	157	25.3	25.3	8.1	8.1	30.4	30.4	91.5	91.5	6.3	6.3	13.7		5		79				<0.2		3.8	
						10.2	0.4	162	25.3		8.1		30.4		91.5		6.3		13.7		4		79				<0.2		3.8	
C3	Sunny	Moderate	10:17	12.8	Surface	1.0	0.3	68	25.6	25.6	8.2	8.2	29.3	29.3	100.8	100.8	7.0	6.9	7.4	8.4	3	5	77	78	822084	817829	<0.2	<0.2	2.4	2.4
						1.0	0.3	71	25.6		8.2		29.3		100.8		7.0		7.4		4		76				<0.2		2.3	
					Middle	6.4	0.3	89	25.2	25.2	8.1	8.1	30.4	30.4	96.3	96.3	6.7		8.3		6		77				<0.2		2.4	
						6.4	0.4	94	25.2		8.1		30.4		96.3		6.7		8.3		4		78				<0.2		2.4	
					Bottom	11.8	0.3	77	25.0	25.0	8.1	8.1	32.2	32.2	96.6	96.6	6.7	6.7	9.4		5		79				<0.2		2.4	
						11.8	0.3	77	25.0		8.1		32.2		96.6		6.7		9.4		5		79				<0.2		2.3	
IM1	Sunny	Moderate	11:20	4.9	Surface	1.0	0.1	234	25.7	25.7	8.2	8.2	27.3	27.3	98.9	98.9	6.9	6.9	10.4	12.6	6	7	76	78	817949	807127	<0.2	<0.2	2.2	2.0
						1.0	0.2	234	25.7		8.2		27.3		98.9		6.9		10.4		6		77				<0.2		2.2	
					Middle	2.5	0.1	263		-		-		-		-	-				-		-				-		-	
						2.5	0.1	284									-				-		-				-		-	
					Bottom	3.9	0.0	231	25.4	25.4	8.2	8.2	30.0	30.0	96.3	96.4	6.7	6.7	14.8		7		78				<0.2		1.8	
						3.9	0.0	235	25.4		8.2		30.0		96.4		6.7		14.7		8		79				<0.2		1.8	
IM2	Sunny	Moderate	12:00	7.2	Surface	1.0	0.5	177	25.9	25.9	8.2	8.2	26.0	26.0	99.5	99.5	7.0	6.8	8.7	10.8	7	7	75	77	818151	806173	<0.2	<0.2	3.5	3.2
						1.0	0.5	187	25.9		8.2		26.0		99.4		7.0		8.7		8		75				<0.2		3.4	
					Middle	3.6	0.3	178	25.4	25.4	8.2	8.2	29.6	29.6	95.8	95.8	6.6		10.9		6		76				<0.2		3.4	
						3.6	0.3	179	25.4		8.2		29.6		95.7		6.6		11.0		6		77				<0.2		3.5	
					Bottom	6.2	0.1	193	25.3	25.3	8.2	8.2	30.3	30.3	96.3	96.4	6.7	6.7	12.7		7		79				<0.2		2.8	
						6.2	0.1	207	25.3		8.2		30.3		96.4		6.7		12.7		6		79				<0.2		2.6	
IM3	Sunny	Moderate	12:08	7.4	Surface	1.0	0.4	223	26.3	26.3	8.2	8.2	24.0	24.0	100.6	100.6	7.1	6.9	11.2	13.1	9	8	75	77	818811	805620	<0.2	<0.2	2.5	2.3
						1.0	0.4	224	26.3		8.2		24.0		100.5		7.1		11.2		8		75				<0.2		2.4	
					Middle	3.7	0.4	225	25.4	25.4	8.2	8.2	29.4	29.4	96.1	96.1	6.7		13.7		8		76				<0.2		2.5	
						3.7	0.4	241	25.4		8.2		29.4		96.1		6.7		13.8		8		76				<0.2		2.6	
					Bottom	6.4	0.3	224	25.4	25.4	8.2	8.2	29.9	29.9	96.2	96.2	6.7	6.7	14.2		8		78				<0.2		1.9	
						6.4	0.3	231	25.4		8.2		29.9		96.2		6.7		14.2		9		79				<0.2		1.8	
IM4	Sunny	Calm	12:17	7.5	Surface	1.0	0.5	193	26.1	26.1	8.2	8.2	23.7	23.7	99.6	99.6	7.1	6.9	11.5	19.7	6	6	76	77	819723	804612	<0.2	<0.2	3.0	2.8
						1.0	0.5	210	26.1		8.2		23.8		99.5		7.1		11.6		6		76				<0.2		2.8	
					Middle	3.8	0.4	192	25.4	25.4	8.2	8.2	29.5	29.5	94.4	94.4	6.6		20.4		5		77				<0.2		2.9	
						3.8	0.4	209	25.4		8.2		29.5		94.4		6.6		20.7		6		77				<0.2		3.1	
					Bottom	6.5	0.2	193	25.4	25.4	8.2	8.2	29.7	29.7	96.7	96.8	6.7	6.7	27.0		7		78				<0.2		2.6	
						6.5	0.2	207	25.4		8.2		29.7		96.9		6.7		27.0		8		79				<0.2		2.6	
IM5	Sunny	Calm	12:29	6.7	Surface	1.0	0.6	228	26.6	26.6	8.1	8.1	20.5	20.5	99.3	99.3	7.1	7.0	10.5	15.6	7	6	76	77	820732	804847	<0.2	<0.2	3.2	3.3
						1.0	0.7	248	26.6		8.1		20.6		99.3		7.1		10.5		7		76				<0.2		3.2	
					Middle	3.4	0.7	221	25.8	25.8	8.2	8.2	23.8	23.8	95.9	95.9	6.8		15.7		5		77				<0.2		3.3	
						3.4	0.7	234	25.8		8.2		23.9		95.9		6.8		16.0		6		77				<0.2		3.4	
					Bottom	5.7	0.5	223	25.5	25.5	8.2	8.2	28.9	28.9	96.3	96.4	6.7	6.7	20.3		5		78				<0.2		3.3	
						5.7	0.6	237	25.5		8.2		28.9		96.4		6.7		20.3		5		79				<0.2		3.3	
IM6	Sunny	Calm	12:37	6.5	Surface	1.0	0.4	228	26.5	26.5	8.1	8.1	20.6	20.6	96.2	96.2	6.9	6.8	11.5	16.7	4	5	77	78	821031	805848	<0.2	<0.2	3.7	3.5
						1.0	0.4	230	26.5		8.1		20.6		96.2		6.9		11.6		5		77				<0.2		3.7	
					Middle	3.3	0.4	221	25.6	25.6	8.2	8.2	27.0	27.0	94.5	94.6	6.6		16.9		4		78				<0.2		3.7	
						3.3	0.5	228	25.6		8.2		27.0		94.6		6.6		17.3		5		78				<0.2		3.5	
					Bottom	5.5	0.4	220	25.5	25.5	8.2	8.2	28.1	28.1	95.9	96.4	6.7	6.8	21.5		5		80				<0.2		3.1	
						5.5	0.4	237	25.5		8.2		28.0		96.8		6.8		21.2		6		80				<0.2		3.2	
IM7	Sunny	Calm	12:48	7.6	Surface	1.0	0.4	220	26.7	26.7	8.1	8.1	19.0	19.0	101.2	100.9	7.3	7.0	10.0	13.6	5	4	77	79	821329	806845	<0.2	<0.2	3.9	3.8
						1.0	0.4	235	26.7		8.1		19.0		100.6		7.3		10.0		4		77				<0.2		3.9	
					Middle	3.8	0.4	229	25.7	25.7	8.2	8.2	26.0	25.9	93.7	93.7	6.6		12.1		3		79				<0.2		3.9	
						3.8	0.5	242	25.7		8.2		25.8		93.7		6.6		12.2		3		79				<0.2		4.0	
					Bottom	6.6	0.1	183	25.5	25.5	8.2	8.2	28.9	28.9	95.4	95.5	6.6	6.6	18.6		4		80				<0.2		3.5	
						6.6	0.2	190	25.5		8.2		28.9		95.5		6.6		18.4		6		80				<0.2		3.4	
IM8	Sunny	Moderate	11:57	7.3	Surface	1.0	0.2	167	26.1	26.1	8.2	8.2	21.7	21.7	97.1	97.1	7.0	6.9	9.5	9.9	7	6	75	76	821812	808143	<0.2	<0.2	3.0	3.0
						1.0	0.3	178	26.1		8.2		21.7		97.1		7.0		9.5		6		74				<0.2		3.0	
					Middle	3.7	0.1	136	25.6	25.6	8.2	8.2	26.3	26.3	96.2	96.2	6.8		9.5		6		76				<0.2		3.1	
						3.7	0.1	139	25.6		8.2		26.3		96.2		6.8		9.5		5		77				<0.2		3.0	
					Bottom	6.3	0.1	93	25.4	25.4	8.2	8.2	29.6	29.6	97.6	97.6	6.8	6.8	10.7		6		77				<0.2		3.0	
						6.3	0.1	99	25.4		8.2		29.6		97.6		6.8		10.7		6		77				<0.2		2.9	

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 May 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	11:50	6.9	Surface	1.0	0.3	118	26.1	26.1	8.1	8.1	23.0	23.0	96.6	96.6	6.9	6.8	10.0	10.5	7	7	75	77	822085	808781	<0.2	<0.2	3.1	3.0
						1.0	0.3	122	26.1		8.1		23.0		96.6		6.9		10.0		7		75				<0.2		3.1	
					Middle	3.5	0.4	115	25.6	25.6	8.2	8.2	27.4	27.4	96.3	96.3	6.7		10.7		6		77				<0.2		3.0	
						3.5	0.4	125	25.6		8.2		27.4		96.3		6.7		10.7		7		76				<0.2		2.9	
					Bottom	5.9	0.3	85	25.5	25.5	8.2	8.2	28.5	28.5	98.3	98.3	6.9	6.9	10.9		6		79				<0.2		3.1	
						5.9	0.3	87	25.5		8.2		28.5		98.3		6.9		10.9		8		79				<0.2		3.0	
IM10	Sunny	Moderate	11:40	7.2	Surface	1.0	0.6	122	26.0	26.0	8.1	8.1	22.5	22.5	94.4	94.4	6.8	6.7	12.5	15.5	9	8	75	76	822355	809776	<0.2	<0.2	3.2	3.2
						1.0	0.7	122	26.0		8.1		22.5		94.4		6.8		12.5		9		75				<0.2		3.2	
					Middle	3.6	0.5	114	25.5	25.5	8.2	8.2	28.2	28.2	93.8	93.8	6.6		15.0		8		76				<0.2		3.1	
						3.6	0.6	123	25.5		8.2		28.2		93.8		6.6		15.0		8		77				<0.2		3.2	
					Bottom	6.2	0.4	98	25.5	25.5	8.2	8.2	28.4	28.4	95.2	95.2	6.6	6.6	19.1		8		77				<0.2		3.1	
						6.2	0.4	101	25.5		8.2		28.4		95.2		6.6		19.1		8		77				<0.2		3.2	
IM11	Sunny	Moderate	11:27	6.2	Surface	1.0	0.7	121	26.0	26.0	8.1	8.1	22.3	22.3	98.0	98.0	7.0	6.9	12.7	16.1	5	5	74	77	822055	811462	<0.2	<0.2	3.2	3.3
						1.0	0.7	121	26.0		8.1		22.3		98.0		7.0		12.7		5		75				<0.2		3.3	
					Middle	3.1	0.6	121	25.6	25.6	8.2	8.2	26.5	26.5	95.1	95.1	6.7		17.7		4		77				<0.2		3.2	
						3.1	0.6	132	25.6		8.2		26.5		95.1		6.7		17.7		4		77				<0.2		3.3	
					Bottom	5.2	0.3	111	25.5	25.5	8.2	8.2	27.4	27.4	97.4	97.4	6.8	6.8	17.8		5		78				<0.2		3.3	
						5.2	0.3	119	25.5		8.2		27.4		97.4		6.8		17.8		4		79				<0.2		3.3	
IM12	Sunny	Moderate	11:18	9.5	Surface	1.0	0.5	84	25.9	25.9	8.2	8.2	23.1	23.1	96.3	96.3	6.9	6.8	11.5	13.9	5	5	74	76	821440	812035	<0.2	<0.2	3.3	3.3
						1.0	0.5	92	25.9		8.2		23.1		96.3		6.9		11.5		5		75				<0.2		3.3	
					Middle	4.8	0.6	93	25.8	25.8	8.2	8.2	24.3	24.3	94.9	94.9	6.7		14.5		5		76				<0.2		3.2	
						4.8	0.6	100	25.8		8.2		24.3		94.9		6.7		14.5		4		76				<0.2		3.3	
					Bottom	8.5	0.5	108	25.5	25.5	8.2	8.2	27.9	27.9	96.2	96.2	6.7	6.7	15.6		4		77				<0.2		3.2	
						8.5	0.5	112	25.5		8.2		27.9		96.2		6.7		15.6		4		77				<0.2		3.2	
SR2	Sunny	Moderate	10:44	4.0	Surface	1.0	0.5	109	26.0	26.0	8.1	8.1	23.3	23.3	99.0	99.0	7.0	7.0	10.3	10.4	4	4	76	77	821478	814149	<0.2	<0.2	2.3	2.3
						1.0	0.5	118	26.0		8.1		23.3		99.0		7.0		10.3		4		77				<0.2		2.2	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	0.2	107	25.7	25.7	8.1	8.1	26.8	26.8	99.5	99.5	7.0	7.0	10.5		4		77				<0.2		2.3	
						3.0	0.2	110	25.7		8.1		26.8		99.5		7.0		10.5		4		77				<0.2		2.3	
SR3	Sunny	Moderate	12:03	8.7	Surface	1.0	0.6	163	26.0	26.0	8.2	8.2	22.4	22.4	94.4	94.4	6.8	6.7	10.9	11.2	5	5	-	-	822122	807582	-	-	-	-
						1.0	0.6	163	26.0		8.2		22.4		94.4		6.8		10.9		6		-				-		-	
					Middle	4.4	0.2	202	25.5	25.5	8.2	8.2	26.8	26.8	93.7	93.7	6.6		11.4		5		-				-		-	
						4.4	0.2	204	25.5		8.2		26.8		93.7		6.6		11.4		5		-				-		-	
					Bottom	7.7	0.1	280	25.5	25.5	8.2	8.2	28.5	28.5	96.5	96.5	6.7	6.7	11.4		5		-				-		-	
						7.7	0.1	291	25.5		8.2		28.5		96.5		6.7		11.4		5		-				-		-	
SR4A	Sunny	Calm	11:08	8.1	Surface	1.0	0.3	55	25.6	25.6	8.2	8.2	28.1	28.2	96.4	96.4	6.7	6.7	13.7	16.1	6	8	-	-	817171	807789	-	-	-	-
						1.0	0.3	55	25.6		8.2		28.2		96.3		6.7		13.7		6		-				-		-	
					Middle	4.1	0.3	65	25.4	25.4	8.2	8.2	29.8	29.8	94.7	94.7	6.6		16.3		9		-				-		-	
						4.1	0.3	69	25.4		8.2		29.8		94.7		6.6		16.5		10		-				-		-	
					Bottom	7.1	0.2	71	25.4	25.4	8.2	8.2	29.8	29.8	95.0	95.1	6.6	6.6	18.2		8		-				-		-	
						7.1	0.2	73	25.4		8.2		29.9		95.1		6.6		18.0		8		-				-		-	
SR5A	Sunny	Calm	10:50	4.3	Surface	1.0	0.1	104	25.7	25.7	8.2	8.2	27.2	27.2	99.5	99.6	7.0	7.0	8.3	7.8	6	5	-	-	816587	810700	-	-	-	-
						1.0	0.1	105	25.7		8.2		27.2		99.6		7.0		8.2		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.1	37	25.8	25.8	8.1	8.1	27.5	27.5	99.7	99.7	7.0	7.0	7.3		5		-				-		-	
						3.3	0.1	39	25.8		8.1		27.5		99.7		7.0		7.3		5		-				-		-	
SR6	Sunny	Calm	10:27	4.6	Surface	1.0	0.1	69	25.7	25.7	8.1	8.1	26.8	26.8	96.4	96.4	6.8	6.8	8.2	8.9	4	5	-	-	817890	814633	-	-	-	-
						1.0	0.1	72	25.7		8.1		26.8		96.3		6.8		8.3		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.6	0.1	50	25.4	25.4	8.1	8.1	28.5	28.5	95.0	95.1	6.6	6.6	9.6		5		-				-		-	
						3.6	0.1	53	25.4		8.1		28.5		95.1		6.6		9.6		5		-				-		-	
SR7	Sunny	Moderate	09:37	16.8	Surface	1.0	0.5	67	25.1	25.1	8.1	8.1	32.3	32.3	92.6	92.6	6.4	6.4	8.2	8.8	5	6	-	-	823637	823749	-	-	-	-
						1.0	0.5	68	25.1		8.1		32.3		92.6		6.4		8.2		7		-				-		-	
					Middle	8.4	0.2	29	24.9	24.9	8.1	8.1	32.8	32.8	91.0	91.0	6.3		9.0		5		-				-		-	
						8.4	0.2	30	24.9		8.1		32.8		91.0		6.3		9.0		6		-				-		-	
					Bottom	15.8	0.2	20	24.9	24.9	8.1	8.1	32.8	32.8	91.5	91.5	6.3	6.3	9.1		5		-				-		-	
						15.8	0.2	20	24.9		8.1		32.8		91.5		6.3		9.1		5		-				-		-	
SR8	Sunny	Moderate	11:06	4.2	Surface	1.0	-	-	26.3	26.3	8.2	8.2	19.7	19.7	103.0	103.0	7.4	7.4	11.2	11.4	6	6	-	-	820246	811418	-	-	-	-
						1.0	-	-	26.3		8.2		19.7		103.0		7.4		11.2		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	-	-	25.8	25.8	8.2	8.2	23.2	23.2	99.5	99.5	7.1	7.1	11.5		7		-				-		-	
						3.2	-	-	25.8		8.2		23.2		99.5		7.1		11.5		6		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 12 May 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	16:16	8.1	Surface	1.0	0.2	61	27.5	27.5	8.2	8.2	20.4	20.4	117.2	117.1	8.3	7.8	9.9	11.1	7	6	74	76	815601	804230	<0.2	<0.2	4.1	3.9
						1.0	0.3	63	27.5		8.2		20.5		117.0		8.3		9.9		5		74				<0.2		4.1	
					Middle	4.1	0.2	13	26.0	26.0	8.2	8.2	26.0	26.0	102.6	102.6	7.2		10.6		5		76				<0.2		4.0	
						4.1	0.2	13	26.0		8.2		26.0		102.6		7.2		10.7		6		76				<0.2		4.0	
					Bottom	7.1	0.2	1	25.5	25.5	8.2	8.2	29.8	29.8	100.7	100.8	7.0	7.0	12.7		5		79				<0.2		3.5	
						7.1	0.2	1	25.5		8.2		29.8		100.9		7.0		12.7		6		79				<0.2		3.5	
C2	Sunny	Moderate	15:17	11.8	Surface	1.0	0.8	179	26.7	26.7	7.9	7.9	13.1	13.1	89.7	89.7	6.7	6.5	11.4	13.5	5	6	73	76	825662	806929	<0.2	<0.2	4.9	5.1
						1.0	0.8	184	26.7		7.9		13.1		89.7		6.7		11.4		6		73				<0.2		4.8	
					Middle	5.9	0.3	214	25.6	25.6	8.1	8.1	26.6	26.6	87.8	87.8	6.2		13.8		6		76				<0.2		5.2	
						5.9	0.3	214	25.6		8.1		26.6		87.8		6.2		13.8		6		77				<0.2		5.4	
					Bottom	10.8	0.2	5	25.5	25.5	8.1	8.1	28.7	28.7	89.0	89.0	6.2	6.2	15.4		6		78				<0.2		5.2	
						10.8	0.2	5	25.5		8.1		28.7		89.0		6.2		15.4		6		79				<0.2		5.3	
C3	Sunny	Moderate	17:06	11.6	Surface	1.0	0.6	237	26.3	26.3	8.2	8.2	26.0	26.0	104.6	104.6	7.3	7.0	9.0	10.0	7	8	76	78	822123	817798	<0.2	<0.2	2.4	2.4
						1.0	0.6	252	26.3		8.2		26.0		104.6		7.3		9.0		6		77				<0.2		2.5	
					Middle	5.8	0.6	247	25.4	25.4	8.1	8.1	29.0	29.0	95.7	95.7	6.7		9.8		8		78				<0.2		2.5	
						5.8	0.6	251	25.4		8.1		29.0		95.7		6.7		9.8		8		77				<0.2		2.4	
					Bottom	10.6	0.5	279	25.3	25.3	8.1	8.1	31.7	31.7	102.3	102.5	7.0	7.1	11.5		8		79				<0.2		2.4	
						10.6	0.6	281	25.3		8.1		31.7		102.7		7.1		10.7		9		80				<0.2		2.4	
IM1	Sunny	Moderate	15:56	4.6	Surface	1.0	0.1	24	26.9	26.9	8.3	8.3	26.2	26.2	100.9	100.8	7.0	7.0	12.6	14.3	7	7	75	76	817951	807143	<0.2	<0.2	2.2	2.2
						1.0	0.1	25	26.9		8.3		26.2		100.6		6.9		12.8		7		75				<0.2		2.1	
					Middle	2.3	0.1	1		-		-		-		-	-				-		-				-		-	
						2.3	0.1	1									-				-		-				-		-	
					Bottom	3.6	0.1	13	25.4	25.4	8.2	8.2	30.0	30.0	96.5	96.6	6.7	6.7	15.8		7		76				<0.2		2.2	
						3.6	0.1	13	25.4		8.2		30.0		96.6		6.7		15.9		7		77				<0.2		2.2	
IM2	Sunny	Moderate	15:49	7.0	Surface	1.0	0.1	207	27.4	27.4	8.2	8.2	20.0	20.0	109.1	109.1	7.7	7.2	11.4	13.7	8	9	74	76	818149	806192	<0.2	<0.2	3.4	3.3
						1.0	0.1	218	27.4		8.2		20.0		109.0		7.7		11.4		7		74				<0.2		3.4	
					Middle	3.5	0.2	332	25.5	25.5	8.2	8.2	28.8	28.8	95.9	95.9	6.7		12.9		7		76				<0.2		3.4	
						3.5	0.2	342	25.5		8.2		28.8		95.9		6.7		12.9		8		77				<0.2		3.4	
					Bottom	6.0	0.3	356	25.4	25.4	8.2	8.2	29.5	29.6	95.9	96.1	6.7	6.7	16.8		11		78				<0.2		3.0	
						6.0	0.3	328	25.4		8.2		29.6		96.2		6.7		16.7		11		78				<0.2		3.0	
IM3	Sunny	Moderate	15:43	7.2	Surface	1.0	0.3	243	27.0	27.0	8.2	8.2	20.2	20.2	107.2	107.2	7.6	7.2	12.1	14.6	10	10	75	77	818760	805615	<0.2	<0.2	3.7	3.2
						1.0	0.3	255	27.0		8.2		20.2		107.1		7.6		12.1		8		75				<0.2		3.4	
					Middle	3.6	0.1	270	25.6	25.6	8.2	8.2	28.3	28.3	95.9	95.9	6.7		14.4		8		77				<0.2		3.4	
						3.6	0.1	290	25.6		8.2		28.3		95.9		6.7		14.4		9		77				<0.2		3.4	
					Bottom	6.2	0.3	27	25.4	25.4	8.2	8.2	29.7	29.7	98.1	98.2	6.8	6.8	17.2		13		78				<0.2		2.7	
						6.2	0.3	29	25.4		8.2		29.7		98.3		6.8		17.1		14		79				<0.2		2.7	
IM4	Sunny	Moderate	15:35	7.1	Surface	1.0	0.3	224	27.3	27.2	8.1	8.1	17.3	17.3	102.4	102.5	7.4	7.4	11.1	12.5	7	7	74	77	819725	804621	<0.2	<0.2	4.1	4.0
						1.0	0.3	227	27.2		8.1		17.3		102.5		7.4		11.2		7		75				<0.2		4.1	
					Middle	3.6	0.1	294	26.3	26.3	8.2	8.2	23.6	23.6	103.7	103.7	7.3		13.2		7		77				<0.2		4.0	
						3.6	0.1	320	26.3		8.2		23.6		103.6		7.3		13.2		7		77				<0.2		4.1	
					Bottom	6.1	0.2	343	26.0	26.0	8.2	8.2	24.5	24.5	103.0	103.1	7.3	7.3	13.0		7		79				<0.2		3.8	
						6.1	0.2	316	26.0		8.2		24.5		103.1		7.3		13.0		8		79				<0.2		3.8	
IM5	Sunny	Moderate	15:27	6.5	Surface	1.0	0.3	252	27.0	27.0	8.1	8.1	17.4	17.4	97.7	97.8	7.1	7.1	14.1	19.8	9	10	74	77	820759	804888	<0.2	<0.2	3.9	3.9
						1.0	0.3	256	27.0		8.1		17.4		97.8		7.1		14.2		10		74				<0.2		3.9	
					Middle	3.3	0.2	277	26.8	26.8	8.1	8.1	19.0	18.9	98.2	98.2	7.1		15.8		11		77				<0.2		3.8	
						3.3	0.2	296	26.8		8.1		18.9		98.1		7.1		15.9		10		77				<0.2		4.0	
					Bottom	5.5	0.2	281	26.1	26.1	8.1	8.1	23.5	23.4	95.6	95.7	6.8	6.8	29.1		9		79				<0.2		3.7	
						5.5	0.2	284	26.1		8.1		23.3		95.7		6.8		29.4		10		79				<0.2		3.8	
IM6	Sunny	Moderate	15:21	6.5	Surface	1.0	0.6	252	26.0	26.0	8.1	8.1	22.0	22.0	94.9	94.9	6.8	6.8	12.7	14.1	11	11	74	76	821040	805855	<0.2	<0.2	3.1	3.1
						1.0	0.7	275	26.0		8.1		22.0		94.9		6.8		12.7		11		74				<0.2		3.2	
					Middle	3.3	0.5	255	25.8	25.8	8.1	8.1	23.5	23.4	95.9	96.0	6.8		14.2		10		76				<0.2		3.2	
						3.3	0.6	257	25.8		8.1		23.4		96.1		6.9		14.2		12		76				<0.2		3.0	
					Bottom	5.5	0.5	255	25.8	25.8	8.1	8.1	24.6	24.6	98.5	98.7	7.0	7.0	15.2		10		79				<0.2		3.0	
						5.5	0.5	258	25.8		8.1		24.6		98.8		7.0		15.3		10		79				<0.2		2.9	
IM7	Sunny	Moderate	15:16	7.8	Surface	1.0	0.6	250	26.2	26.2	8.1	8.1	19.6	19.5	92.7	92.7	6.7	6.6	12.9	14.4	10	10	74	77	821365	806813	<0.2	<0.2	3.7	3.7
						1.0	0.6	261	26.2		8.1		19.3		92.6		6.7		12.9		11		74				<0.2		3.6	
					Middle	3.9	0.4	268	25.8	25.8	8.1	8.1	23.9	23.9	91.9	92.0	6.5		13.9		9		77				<0.2		3.6	
						3.9	0.4	280	25.8		8.1		23.9		92.0		6.6		14.0		10		77				<0.2		4.1	
					Bottom	6.8	0.4	250	25.7	25.7	8.1	8.1	24.3	24.3	94.1	94.2	6.7	6.7	16.4		9		79				<0.2		3.6	
						6.8	0.4	264	25.7		8.1		24.3		94.2		6.7		16.4		10		79				<0.2		3.6	
IM8	Sunny	Moderate	15:39	7.1	Surface	1.0	0.2	206	27.3	27.3	8.0	8.0	16.4	16.4	100.7	100.7	7.3	7.2	12.2	15.5	9	9	73	76	821828	808130	<0.2	<0.2	5.2	**~~5.3~~**
						1.0	0.2	214	27.3		8.0		16.4		100.7		7.3		12.2		7		73				<0.2		5.2	
					Middle	3.6	0.2	248	26.3	26.3	8.1	8.1	21.0	21.0	99.0	99.0	7.1		17.7		9		77				<0.2		5.2	
						3.6	0.2	263	26.3		8.1		21.0		99.0		7.1		17.7		10		76				<0.2		5.5	
					Bottom	6.1	0.1	244	26.0	26.0	8.1	8.1	23.3	23.3	99.3	99.3	7.1	7.1	16.7		9		78				<0.2		5.3	
						6.1	0.1	247	26.0		8.1		23.3		99.3		7.1		16.7		8		77				<0.2		5.2	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 12 May 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	15:46	6.4	Surface	1.0	0.1	226	28.1	28.1	8.0	8.0	12.4	12.4	107.6	107.6	7.9	7.9	11.0	10.8	8	9	74	75	822074	808817	<0.2	<0.2	4.2	**4.1**
						1.0	0.2	241	28.1		8.0		12.4		107.6		7.9		11.0		9		73				<0.2		4.0	
					Middle	3.2	0.2	283	26.6	26.6	8.1	8.1	20.0	20.0	109.4	109.4	7.9		11.1		9		75				<0.2		4.1	
						3.2	0.2	294	26.6		8.1		20.0		109.4		7.9		11.1		8		75				<0.2		4.0	
					Bottom	5.4	0.1	294	26.2	26.2	8.1	8.1	22.5	22.5	105.9	105.9	7.5	7.5	10.4		9		77				<0.2		4.1	
						5.4	0.1	307	26.2		8.1		22.5		105.9		7.5		10.4		9		76				<0.2		4.0	
IM10	Sunny	Moderate	15:54	6.6	Surface	1.0	0.2	231	27.2	27.2	8.1	8.1	17.3	17.3	111.4	111.4	8.0	7.8	10.8	12.2	8	8	74	76	822392	809796	<0.2	<0.2	4.0	**4.1**
						1.0	0.2	250	27.2		8.1		17.3		111.4		8.0		10.8		8		75				<0.2		4.1	
					Middle	3.3	0.2	302	26.3	26.3	8.1	8.1	19.2	19.2	103.0	103.0	7.5		12.4		9		75				<0.2		4.2	
						3.3	0.2	315	26.3		8.1		19.2		103.0		7.5		12.4		8		76				<0.2		4.1	
					Bottom	5.6	0.3	317	25.9	25.9	8.1	8.1	24.6	24.6	105.0	105.0	7.4	7.4	13.4		8		77				<0.2		4.1	
						5.6	0.4	336	25.9		8.1		24.6		105.0		7.4		13.4		8		76				<0.2		4.2	
IM11	Sunny	Moderate	16:04	6.6	Surface	1.0	0.1	326	27.0	27.0	8.2	8.2	19.5	19.5	105.6	105.6	7.5	7.3	11.0	11.6	7	8	75	76	822035	811472	<0.2	<0.2	3.7	**3.7**
						1.0	0.1	330	27.0		8.2		19.5		105.6		7.5		11.0		8		74				<0.2		3.7	
					Middle	3.3	0.2	335	26.1	26.1	8.2	8.2	23.3	23.3	100.3	100.3	7.1		12.0		8		76				<0.2		3.7	
						3.3	0.2	308	26.1		8.2		23.3		100.3		7.1		12.0		8		77				<0.2		3.7	
					Bottom	5.6	0.4	317	25.8	25.8	8.2	8.2	27.7	27.7	100.4	100.4	7.0	7.0	11.9		10		77				<0.2		3.7	
						5.6	0.4	341	25.8		8.2		27.7		100.4		7.0		11.9		8		77				<0.2		3.8	
IM12	Sunny	Moderate	16:12	8.9	Surface	1.0	0.4	302	26.4	26.4	8.2	8.2	23.5	23.5	99.2	99.2	7.0	6.8	11.1	14.9	6	8	75	76	821462	812024	<0.2	<0.2	3.2	3.2
						1.0	0.4	331	26.4		8.2		23.5		99.2		7.0		11.1		8		74				<0.2		3.2	
					Middle	4.5	0.4	276	25.6	25.6	8.2	8.2	27.0	27.0	92.2	92.2	6.5		14.4		9		77				<0.2		3.2	
						4.5	0.4	302	25.6		8.2		27.0		92.2		6.5		14.4		7		76				<0.2		3.2	
					Bottom	7.9	0.3	274	25.3	25.3	8.1	8.1	29.6	29.6	93.2	93.2	6.5	6.5	19.1		8		77				<0.2		3.2	
						7.9	0.3	289	25.3		8.1		29.6		93.2		6.5		19.1		8		77				<0.2		3.2	
SR2	Sunny	Moderate	16:42	4.5	Surface	1.0	0.4	322	26.3	26.3	8.2	8.2	25.4	25.4	107.7	107.7	7.5	7.5	11.1	11.3	9	9	76	77	821460	814174	<0.2	<0.2	2.2	2.3
						1.0	0.4	330	26.3		8.2		25.4		107.7		7.5		11.1		8		77				<0.2		2.2	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.4	324	26.0	26.0	8.1	8.1	26.5	26.5	107.1	107.1	7.5	7.5	11.5		9		77				<0.2		2.4	
						3.5	0.4	331	26.0		8.1		26.5		107.1		7.5		11.5		9		77				<0.2		2.4	
SR3	Sunny	Moderate	15:33	8.2	Surface	1.0	0.5	193	26.8	26.8	8.1	8.1	15.9	15.9	100.1	100.1	7.3	7.1	11.3	10.3	7	8	-	-	822146	807547	-	-	-	-
						1.0	0.5	194	26.8		8.1		15.9		100.1		7.3		11.3		7		-				-		-	
					Middle	4.1	0.3	240	25.9	25.9	8.1	8.1	24.1	24.1	95.0	95.0	6.8		9.8		7		-				-		-	
						4.1	0.3	246	25.9		8.1		24.1		95.0		6.8		9.8		8		-				-		-	
					Bottom	7.2	0.2	237	25.8	25.8	8.1	8.1	25.6	25.6	97.3	97.3	6.9	6.9	9.7		8		-				-		-	
						7.2	0.2	259	25.8		8.1		25.6		97.3		6.9		9.7		8		-				-		-	
SR4A	Sunny	Calm	16:34	8.2	Surface	1.0	0.4	236	26.1	26.1	8.2	8.2	27.6	27.6	102.9	102.9	7.1	7.0	11.4	14.4	8	10	-	-	817166	807824	-	-	-	-
						1.0	0.4	237	26.1		8.2		27.6		102.9		7.1		11.5		9		-				-		-	
					Middle	4.1	0.3	237	26.0	26.0	8.2	8.2	27.8	27.8	99.1	99.1	6.9		13.9		11		-				-		-	
						4.1	0.4	253	26.0		8.2		27.8		99.1		6.9		13.9		9		-				-		-	
					Bottom	7.2	0.2	226	25.6	25.6	8.2	8.2	28.7	28.7	96.8	96.9	6.7	6.7	17.8		11		-				-		-	
						7.2	0.2	236	25.6		8.2		28.7		96.9		6.7		17.9		13		-				-		-	
SR5A	Sunny	Calm	16:52	4.4	Surface	1.0	0.3	275	26.5	26.5	8.2	8.2	26.0	26.0	113.7	113.6	7.9	7.9	10.4	11.4	9	10	-	-	816595	810719	-	-	-	-
						1.0	0.3	280	26.5		8.2		26.0		113.5		7.9		10.5		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.4	0.2	297	26.2	26.2	8.2	8.2	26.8	26.8	108.6	108.7	7.6	7.6	12.3		10		-				-		-	
						3.4	0.2	308	26.2		8.2		26.8		108.7		7.6		12.4		10		-				-		-	
SR6	Sunny	Calm	17:17	4.2	Surface	1.0	0.2	222	26.1	26.1	8.2	8.2	25.1	25.1	105.2	105.2	7.4	7.4	14.2	15.5	10	11	-	-	817912	814653	-	-	-	-
						1.0	0.2	236	26.1		8.2		25.1		105.1		7.4		14.3		9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.1	230	25.9	25.9	8.2	8.2	27.1	27.1	103.8	103.8	7.2	7.3	16.8		11		-				-		-	
						3.2	0.1	252	25.9		8.2		27.1		103.8		7.3		16.8		12		-				-		-	
SR7	Sunny	Moderate	17:43	16.6	Surface	1.0	0.1	315	25.3	25.3	8.2	8.2	30.2	30.2	93.8	93.8	6.5	6.4	8.8	9.6	7	7	-	-	823645	823752	-	-	-	-
						1.0	0.1	322	25.3		8.2		30.2		93.8		6.5		8.8		7		-				-		-	
					Middle	8.3	0.0	353	25.1	25.1	8.1	8.1	32.1	32.1	91.7	91.7	6.3		9.6		6		-				-		-	
						8.3	0.0	325	25.1		8.1		32.1		91.7		6.3		9.6		6		-				-		-	
					Bottom	15.6	0.1	70	25.1	25.1	8.1	8.1	32.5	32.5	92.8	92.8	6.4	6.4	10.4		7		-				-		-	
						15.6	0.1	70	25.1		8.1		32.5		92.8		6.4		10.4		8		-				-		-	
SR8	Sunny	Moderate	16:27	4.2	Surface	1.0	-	-	26.9	26.9	8.3	8.3	21.4	21.4	126.1	126.1	8.9	8.9	10.0	9.9	8	8	-	-	820246	811418	-	-	-	-
						1.0	-	-	26.9		8.3		21.4		126.1		8.9		10.0		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	-	-	26.7	26.7	8.2	8.2	22.0	22.0	116.1	116.1	8.2	8.2	9.8		8		-				-		-	
						3.2	-	-	26.7		8.2		22.0		116.1		8.2		9.8		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 15 May 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	12:10	9.1	Surface	1.0	0.6	220	28.1	28.1	8.2	8.2	19.0	19.0	106.8	106.8	7.5	7.5	15.6	14.1	8	9	75	76	815613	804226	<0.2	<0.2	2.0	2.0
						1.0	0.6	226	28.1		8.2		19.0		106.8		7.5		15.6		8		74				<0.2		1.8	
					Middle	4.6	0.7	186	27.7	27.7	8.2	8.2	19.6	19.6	105.5	105.5	7.4		13.0		8		76				<0.2		1.9	
						4.6	0.7	204	27.7		8.2		19.6		105.5		7.4		13.0		8		77				<0.2		2.0	
					Bottom	8.1	0.4	208	27.4	27.4	8.2	8.2	24.0	24.0	104.5	104.5	7.2	7.2	13.8		11		78				<0.2		2.1	
						8.1	0.4	208	27.4		8.2		24.0		104.5		7.2		13.8		11		77				<0.2		2.2	
C2	Sunny	Moderate	11:11	12.3	Surface	1.0	0.6	166	27.4	27.4	8.0	8.0	20.0	20.0	95.2	95.2	6.7	6.6	14.5	15.5	12	13	74	76	825672	806944	<0.2	<0.2	2.7	2.9
						1.0	0.6	166	27.4		8.0		20.0		95.2		6.7		14.5		11		74				<0.2		3.0	
					Middle	6.2	0.4	166	26.8	26.8	8.0	8.0	22.2	22.2	92.3	92.3	6.5		16.5		12		76				<0.2		2.9	
						6.2	0.4	166	26.8		8.0		22.2		92.3		6.5		16.5		14		76				<0.2		2.9	
					Bottom	11.3	0.3	152	26.4	26.4	8.0	8.0	25.9	25.8	92.6	92.6	6.5	6.5	15.4		15		78				<0.2		2.8	
						11.3	0.4	160	26.4		8.0		25.8		92.6		6.5		15.5		14		78				<0.2		2.8	
C3	Sunny	Moderate	12:54	10.6	Surface	1.0	0.6	114	27.0	27.0	8.2	8.2	23.4	23.4	102.6	102.6	7.2	7.2	12.2	12.0	12	14	74	76	822099	817822	<0.2	<0.2	2.1	2.1
						1.0	0.7	115	27.0		8.2		23.4		102.6		7.2		12.2		11		74				<0.2		2.2	
					Middle	5.3	0.3	101	26.8	26.8	8.1	8.1	24.7	24.7	101.7	101.7	7.1		11.9		16		76				<0.2		2.1	
						5.3	0.3	108	26.8		8.1		24.7		101.7		7.1		12.0		15		77				<0.2		2.0	
					Bottom	9.6	0.4	43	26.9	26.9	8.1	8.1	25.2	25.2	101.5	101.5	7.0	7.0	11.7		14		78				<0.2		2.2	
						9.6	0.4	45	26.9		8.1		25.1		101.5		7.0		11.8		15		78				<0.2		2.1	
IM1	Sunny	Moderate	11:52	5.4	Surface	1.0	0.2	221	28.1	28.1	8.2	8.2	19.2	19.2	108.5	108.5	7.6	7.6	15.1	15.6	11	11	75	76	817954	807146	<0.2	<0.2	2.3	2.3
						1.0	0.2	231	28.1		8.2		19.2		108.5		7.6		15.1		10		74				<0.2		2.3	
					Middle	2.7	-	-		-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.7	-	-									N/A		-		-		-				-		-	
					Bottom	4.4	0.2	206	28.2	28.2	8.2	8.2	19.5	19.5	106.0	106.0	7.4	7.4	16.0		12		76				<0.2		2.3	
						4.4	0.2	213	28.2		8.2		19.5		106.0		7.4		16.0		11		77				<0.2		2.4	
IM2	Sunny	Moderate	11:45	7.8	Surface	1.0	0.4	166	27.9	27.9	8.2	8.2	18.8	18.8	107.7	107.7	7.6	7.6	14.5	12.9	10	11	74	76	818148	806163	<0.2	<0.2	2.1	2.2
						1.0	0.4	180	27.9		8.2		18.8		107.7		7.6		14.5		9		74				<0.2		2.2	
					Middle	3.9	0.3	157	27.7	27.7	8.2	8.2	19.2	19.2	106.7	106.7	7.5		11.8		10		76				<0.2		2.1	
						3.9	0.3	171	27.7		8.2		19.2		106.7		7.5		11.8		11		77				<0.2		2.2	
					Bottom	6.8	0.1	171	27.5	27.5	8.2	8.2	20.7	20.7	105.6	105.6	7.4	7.4	12.5		13		78				<0.2		2.3	
						6.8	0.1	180	27.5		8.2		20.7		105.6		7.4		12.5		11		78				<0.2		2.2	
IM3	Sunny	Moderate	11:39	8.1	Surface	1.0	0.2	246	27.6	27.6	8.2	8.2	19.3	19.3	106.2	106.2	7.5	7.5	18.1	17.9	8	8	74	76	818755	805578	<0.2	<0.2	2.2	2.1
						1.0	0.2	268	27.6		8.2		19.3		106.2		7.5		18.1		7		74				<0.2		2.2	
					Middle	4.1	0.3	257	27.3	27.3	8.2	8.2	20.3	20.3	105.5	105.5	7.5		15.2		9		77				<0.2		2.1	
						4.1	0.3	263	27.3		8.2		20.3		105.5		7.5		15.2		8		77				<0.2		2.1	
					Bottom	7.1	0.2	224	27.6	27.6	8.2	8.2	21.1	21.1	104.7	104.7	7.3	7.3	20.4		8		77				<0.2		2.1	
						7.1	0.2	224	27.6		8.2		21.1		104.7		7.3		20.4		8		76				<0.2		1.9	
IM4	Sunny	Moderate	11:31	8.4	Surface	1.0	0.4	190	28.2	28.2	8.2	8.2	18.9	18.9	108.3	108.3	7.6	7.6	14.9	14.7	8	8	74	76	819700	804613	<0.2	<0.2	2.0	2.1
						1.0	0.4	193	28.2		8.2		18.9		108.3		7.6		14.9		6		75				<0.2		2.0	
					Middle	4.2	0.5	169	27.6	27.6	8.2	8.2	19.4	19.4	106.8	106.8	7.6		12.3		7		77				<0.2		2.2	
						4.2	0.6	180	27.6		8.2		19.4		106.8		7.6		12.3		9		76				<0.2		2.2	
					Bottom	7.4	0.4	160	27.9	27.9	8.2	8.2	19.3	19.3	106.0	106.0	7.5	7.5	16.9		8		77				<0.2		2.2	
						7.4	0.4	172	27.9		8.2		19.3		106.0		7.5		16.9		8		77				<0.2		2.2	
IM5	Sunny	Moderate	11:23	7.6	Surface	1.0	0.3	210	27.9	27.9	8.2	8.2	21.3	21.3	106.7	106.7	7.4	7.4	23.8	20.5	9	11	73	75	820760	804881	<0.2	<0.2	2.3	2.3
						1.0	0.4	221	27.9		8.2		21.3		106.7		7.4		23.8		9		73				<0.2		2.4	
					Middle	3.8	0.3	197	27.6	27.6	8.2	8.2	22.8	22.8	105.8	105.8	7.4		19.4		12		74				<0.2		2.3	
						3.8	0.4	213	27.6		8.2		22.8		105.8		7.4		19.4		11		75				<0.2		2.2	
					Bottom	6.6	0.2	172	27.5	27.5	8.2	8.2	23.4	23.4	105.0	105.0	7.3	7.3	18.3		14		76				<0.2		2.3	
						6.6	0.2	179	27.5		8.2		23.4		105.0		7.3		18.3		13		77				<0.2		2.2	
IM6	Sunny	Moderate	11:16	8.0	Surface	1.0	0.1	222	27.7	27.7	8.2	8.2	19.1	19.1	106.1	106.1	7.5	7.5	16.1	16.4	10	11	73	75	821081	805817	<0.2	<0.2	2.3	2.3
						1.0	0.2	228	27.7		8.2		19.1		106.1		7.5		16.1		10		73				<0.2		2.3	
					Middle	4.0	0.3	184	27.4	27.4	8.2	8.2	20.0	20.0	105.0	105.0	7.4		16.2		9		74				<0.2		2.2	
						4.0	0.3	199	27.4		8.2		20.0		105.0		7.4		16.2		9		75				<0.2		2.4	
					Bottom	7.0	0.2	155	27.3	27.3	8.2	8.2	21.4	21.4	104.4	104.4	7.3	7.3	16.8		13		76				<0.2		2.2	
						7.0	0.3	157	27.3		8.2		21.4		104.4		7.3		16.8		12		76				<0.2		2.1	
IM7	Sunny	Moderate	11:10	9.4	Surface	1.0	0.2	113	27.6	27.6	8.2	8.2	19.6	19.6	105.7	105.7	7.5	7.5	13.3	13.0	8	10	72	75	821325	806844	<0.2	<0.2	2.2	2.2
						1.0	0.2	114	27.6		8.2		19.6		105.7		7.5		13.3		9		73				<0.2		2.2	
					Middle	4.7	0.2	105	27.6	27.6	8.2	8.2	19.6	19.6	105.0	105.0	7.4		14.7		12		74				<0.2		2.2	
						4.7	0.2	114	27.6		8.2		19.6		105.0		7.4		14.7		10		75				<0.2		2.2	
					Bottom	8.4	0.2	78	28.0	28.0	8.2	8.2	19.5	19.5	104.0	104.0	7.3	7.3	10.9		10		76				<0.2		2.1	
						8.4	0.2	84	28.0		8.2		19.5		104.0		7.3		10.9		10		77				<0.2		2.1	
IM8	Sunny	Moderate	11:36	8.1	Surface	1.0	0.3	127	27.2	27.2	8.1	8.1	20.4	20.4	101.6	101.6	7.2	7.1	13.1	15.3	10	10	75	77	821858	808135	<0.2	<0.2	2.3	2.2
						1.0	0.3	130	27.2		8.1		20.4		101.5		7.2		13.2		8		74				<0.2		2.3	
					Middle	4.1	0.2	92	26.7	26.7	8.1	8.1	22.4	22.4	98.4	98.4	7.0		15.4		10		77				<0.2		2.2	
						4.1	0.3	97	26.7		8.1		22.4		98.4		7.0		15.4		9		76				<0.2		2.0	
					Bottom	7.1	0.2	81	26.5	26.5	8.1	8.1	24.1	24.1	97.2	97.2	6.8	6.8	17.5		11		79				<0.2		2.2	
						7.1	0.3	86	26.5		8.1		24.1		97.2		6.8		17.4		11		78				<0.2		2.2	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 15 May 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	11:44	7.7	Surface	1.0	0.3	121	27.1	27.1	8.1	8.1	20.3	20.3	99.9	99.8	7.1	7.0	14.6	19.1	10	11	75	77	822083	808808	<0.2	<0.2	2.3	2.3
						1.0	0.3	127	27.1		8.1		20.3		99.7		7.1		14.7		11		74				<0.2		2.4	
					Middle	3.9	0.3	115	26.7	26.7	8.1	8.1	22.8	22.8	96.8	96.8	6.8		20.6		11		77				<0.2		2.3	
						3.9	0.3	121	26.7		8.1		22.8		96.8		6.8		20.7		10		76				<0.2		2.3	
					Bottom	6.7	0.2	92	26.7	26.7	8.1	8.1	23.1	23.1	97.8	97.9	6.9	6.9	22.1		10		79				<0.2		2.2	
						6.7	0.2	97	26.7		8.1		23.1		97.9		6.9		22.1		11		78				<0.2		2.3	
IM10	Sunny	Moderate	11:51	7.1	Surface	1.0	0.5	131	27.2	27.2	8.1	8.1	20.6	20.6	98.1	98.0	6.9	6.8	13.1	15.9	11	13	75	76	822366	809782	<0.2	<0.2	2.5	2.6
						1.0	0.5	131	27.2		8.1		20.6		97.9		6.9		13.1		12		74				<0.2		2.5	
					Middle	3.6	0.5	135	26.8	26.8	8.1	8.1	22.3	22.3	95.0	95.0	6.7		16.5		15		76				<0.2		2.6	
						3.6	0.6	138	26.8		8.1		22.3		95.0		6.7		16.6		13		77				<0.2		2.6	
					Bottom	6.1	0.3	127	26.7	26.7	8.1	8.1	23.1	23.1	96.2	96.2	6.8	6.8	18.1		15		78				<0.2		2.5	
						6.1	0.4	131	26.7		8.1		23.1		96.2		6.8		18.0		13		78				<0.2		2.9	
IM11	Sunny	Moderate	12:00	8.6	Surface	1.0	0.9	112	27.4	27.3	8.1	8.1	20.3	20.3	103.2	103.2	7.3	7.2	12.2	13.9	10	11	75	77	822048	811440	<0.2	<0.2	2.4	2.4
						1.0	1.0	117	27.3		8.2		20.3		103.1		7.3		12.3		11		74				<0.2		2.3	
					Middle	4.3	0.8	108	27.0	27.0	8.1	8.1	21.5	21.5	98.4	98.4	7.0		13.5		11		77				<0.2		2.6	
						4.3	0.9	112	27.0		8.1		21.5		98.3		7.0		13.6		12		77				<0.2		2.3	
					Bottom	7.6	0.4	99	26.7	26.7	8.1	8.1	23.6	23.6	97.0	97.1	6.8	6.8	15.7		10		78				<0.2		2.3	
						7.6	0.4	99	26.7		8.1		23.6		97.1		6.8		15.9		11		79				<0.2		2.5	
IM12	Sunny	Moderate	12:07	8.8	Surface	1.0	0.5	77	27.6	27.6	8.2	8.2	20.6	20.6	105.9	105.9	7.5	7.4	13.3	15.3	12	13	74	77	821456	812056	<0.2	<0.2	2.3	2.4
						1.0	0.6	84	27.6		8.2		20.6		105.9		7.5		13.4		13		75				<0.2		2.5	
					Middle	4.4	0.6	86	27.5	27.5	8.2	8.2	20.7	20.7	103.1	103.1	7.3		15.3		12		77				<0.2		2.4	
						4.4	0.6	91	27.5		8.2		20.7		103.0		7.3		15.3		13		76				<0.2		2.4	
					Bottom	7.8	0.5	111	26.9	26.9	8.2	8.2	22.4	22.4	98.8	98.8	7.0	7.0	17.4		14		78				<0.2		2.4	
						7.8	0.5	111	26.9		8.2		22.4		98.8		7.0		17.0		12		79				<0.2		2.4	
SR2	Sunny	Moderate	12:36	4.2	Surface	1.0	0.5	96	27.2	27.2	8.2	8.2	21.9	21.9	100.1	100.1	7.0	7.0	14.6	17.5	12	13	74	76	821456	814169	<0.2	<0.2	2.4	2.4
						1.0	0.6	100	27.2		8.2		21.9		100.1		7.0		14.5		12		75				<0.2		2.3	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.4	93	26.9	26.9	8.1	8.1	22.6	22.6	98.1	98.1	6.9	6.9	20.5		13		77				<0.2		2.3	
						3.2	0.4	102	26.9		8.1		22.6		98.1		6.9		20.5		13		76				<0.2		2.4	
SR3	Sunny	Moderate	11:30	9.4	Surface	1.0	0.2	158	27.4	27.4	8.1	8.1	19.9	19.9	103.1	103.1	7.3	7.1	12.5	16.2	8	8	-	-	822117	807585	-	-	-	-
						1.0	0.2	169	27.4		8.1		19.9		103.1		7.3		12.5		8		-				-		-	
					Middle	4.7	0.2	159	26.7	26.7	8.1	8.1	22.8	22.8	95.8	95.8	6.8		16.7		8		-				-		-	
						4.7	0.2	159	26.7		8.1		22.8		95.8		6.8		16.8		8		-				-		-	
					Bottom	8.4	0.1	111	26.6	26.6	8.1	8.1	23.4	23.4	96.6	96.6	6.8	6.8	19.4		8		-				-		-	
						8.4	0.1	119	26.6		8.1		23.4		96.5		6.8		19.3		10		-				-		-	
SR4A	Sunny	Calm	12:32	8.6	Surface	1.0	0.2	52	28.3	28.3	8.2	8.2	19.7	19.7	107.2	107.2	7.5	7.5	15.6	16.9	10	11	-	-	817194	807836	-	-	-	-
						1.0	0.3	54	28.3		8.2		19.7		107.2		7.5		15.6		10		-				-		-	
					Middle	4.3	0.3	69	28.4	28.4	8.2	8.2	20.0	20.0	106.9	106.9	7.4		15.7		11		-				-		-	
						4.3	0.4	71	28.4		8.2		20.0		106.9		7.4		15.7		11		-				-		-	
					Bottom	7.6	0.3	58	28.1	28.1	8.2	8.2	21.8	21.8	105.7	105.7	7.3	7.3	19.3		11		-				-		-	
						7.6	0.3	59	28.1		8.2		21.8		105.7		7.3		19.3		11		-				-		-	
SR5A	Sunny	Calm	12:48	5.0	Surface	1.0	0.1	57	28.5	28.5	8.2	8.2	19.8	19.8	106.1	106.1	7.4	7.4	13.1	13.3	8	8	-	-	816597	810667	-	-	-	-
						1.0	0.1	60	28.5		8.2		19.8		106.1		7.4		13.1		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.0	0.0	352	29.2	29.2	8.2	8.2	20.6	20.6	106.3	106.3	7.3	7.3	13.4		9		-				-		-	
						4.0	0.0	324	29.2		8.2		20.6		106.3		7.3		13.4		8		-				-		-	
SR6	Sunny	Calm	13:15	4.3	Surface	1.0	0.2	22	28.2	28.2	8.3	8.3	21.5	21.5	112.1	112.1	7.8	7.8	21.4	19.8	11	11	-	-	817893	814661	-	-	-	-
						1.0	0.2	22	28.2		8.3		21.5		112.1		7.8		21.4		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.2	64	28.8	28.8	8.3	8.3	21.4	21.4	108.3	108.3	7.4	7.4	18.1		11		-				-		-	
						3.3	0.2	66	28.8		8.3		21.4		108.3		7.4		18.1		10		-				-		-	
SR7	Sunny	Moderate	13:19	18.4	Surface	1.0	0.8	90	27.6	27.6	8.2	8.2	23.0	23.0	107.4	107.3	7.5	7.2	10.7	11.1	8	8	-	-	823624	823735	-	-	-	-
						1.0	0.8	95	27.6		8.2		23.0		107.2		7.4		10.7		9		-				-		-	
					Middle	9.2	0.5	82	26.9	26.9	8.1	8.1	25.1	25.1	100.9	100.9	7.0		11.0		8		-				-		-	
						9.2	0.5	89	26.9		8.1		25.1		100.9		7.0		11.1		9		-				-		-	
					Bottom	17.4	0.3	86	26.7	26.7	8.1	8.1	25.8	25.9	100.2	100.2	7.0	7.0	11.4		8		-				-		-	
						17.4	0.3	90	26.7		8.1		25.9		100.1		6.9		11.4		8		-				-		-	
SR8	Sunny	Moderate	12:24	4.0	Surface	1.0	-	-	27.3	27.3	8.2	8.2	21.9	21.9	103.2	103.2	7.2	7.2	17.5	18.8	12	13	-	-	820246	811418	-	-	-	-
						1.0	-	-	27.3		8.2		21.9		103.2		7.2		17.5		11		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	27.1	27.1	8.2	8.2	22.5	22.5	100.3	100.4	7.0	7.0	20.0		14		-				-		-	
						3.0	-	-	27.1		8.2		22.5		100.4		7.0		20.1		14		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 15 May 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	Calm	06:59	8.8	Surface	1.0	0.3	239	26.9	26.9	8.2	8.2	17.4	17.4	102.2	102.2	7.4	7.4	18.9	18.4	9	10	74	76	815644	804242	<0.2	<0.2	2.4	2.4
						1.0	0.3	259	26.9		8.2		17.4		102.2		7.4		18.9		8		75				<0.2		2.3	
					Middle	4.4	0.3	231	26.9	26.9	8.2	8.2	16.6	16.6	102.3	102.3	7.4		20.1		8		76				<0.2		2.4	
						4.4	0.3	245	26.9		8.2		16.6		102.3		7.4		20.1		9		76				<0.2		2.5	
					Bottom	7.8	0.0	208	26.8	26.8	8.2	8.2	18.8	18.8	103.0	103.0	7.4	7.4	16.1		14		77				<0.2		2.3	
						7.8	0.0	213	26.8		8.2		18.8		103.0		7.4		16.1		13		77				<0.2		2.2	
C2	Cloudy	Moderate	07:42	12.4	Surface	1.0	0.6	341	27.1	27.1	8.1	8.1	19.1	19.1	92.8	92.8	6.6	6.5	11.3	15.0	6	7	75	77	825657	806968	<0.2	<0.2	3.1	3.1
						1.0	0.6	350	27.1		8.1		19.1		92.7		6.6		11.4		8		75				<0.2		3.0	
					Middle	6.2	0.5	2	26.7	26.7	8.1	8.1	21.3	21.3	88.7	88.7	6.3		15.1		7		76				<0.2		3.0	
						6.2	0.5	2	26.7		8.1		21.3		88.7		6.3		15.2		8		77				<0.2		3.2	
					Bottom	11.4	0.4	13	26.7	26.7	8.1	8.1	22.3	22.3	89.0	89.0	6.3	6.3	18.3		6		79				<0.2		3.3	
						11.4	0.4	14	26.7		8.1		22.3		89.0		6.3		18.6		7		78				<0.2		3.1	
C3	Cloudy	Moderate	05:48	11.0	Surface	1.0	0.9	236	27.0	27.0	8.2	8.2	22.1	22.1	99.5	99.5	7.0	6.9	10.2	10.6	4	6	74	76	822138	817827	<0.2	<0.2	2.6	2.6
						1.0	0.9	247	27.0		8.2		22.1		99.5		7.0		10.2		4		75				<0.2		2.6	
					Middle	5.5	0.9	256	26.8	26.8	8.2	8.2	23.8	23.9	97.8	97.8	6.9		10.5		6		76				<0.2		2.6	
						5.5	0.9	272	26.8		8.2		23.9		97.8		6.8		10.5		7		77				<0.2		2.5	
					Bottom	10.0	0.6	276	26.5	26.5	8.1	8.1	26.0	26.0	96.8	96.9	6.7	6.7	11.1		6		78				<0.2		2.5	
						10.0	0.6	298	26.5		8.1		26.0		96.9		6.7		11.2		7		78				<0.2		2.5	
IM1	Fine	Calm	07:15	5.5	Surface	1.0	0.6	35	27.0	27.0	8.2	8.2	19.2	19.2	103.2	103.2	7.4	7.4	12.7	11.6	8	9	74	76	817938	807160	<0.2	<0.2	2.6	2.6
						1.0	0.6	37	27.0		8.2		19.2		103.2		7.4		12.7		8		74				<0.2		2.6	
					Middle	2.8	-	-		-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.8	-	-			-		-		-		-		-		-		-				-		-	
					Bottom	4.5	0.5	36	27.0	27.0	8.2	8.2	18.9	18.9	103.5	103.5	7.4	7.4	10.5		8		77				<0.2		2.6	
						4.5	0.5	36	27.0		8.2		18.9		103.5		7.4		10.5		10		77				<0.2		2.6	
IM2	Fine	Calm	07:22	8.0	Surface	1.0	0.3	2	27.2	27.2	8.2	8.2	17.6	17.6	103.2	103.2	7.4	7.4	14.7	15.2	10	10	75	76	818175	806189	<0.2	<0.2	2.4	2.4
						1.0	0.4	2	27.2		8.2		17.6		103.2		7.4		14.7		9		74				<0.2		2.6	
					Middle	4.0	0.3	0	26.9	26.9	8.2	8.2	18.5	18.5	103.3	103.3	7.4		19.9		9		76				<0.2		2.5	
						4.0	0.3	0	26.9		8.2		18.5		103.3		7.4		19.9		8		77				<0.2		2.3	
					Bottom	7.0	0.2	284	26.9	26.9	8.2	8.2	19.5	19.5	103.5	103.5	7.4	7.4	10.9		11		77				<0.2		2.4	
						7.0	0.2	290	26.9		8.2		19.5		103.5		7.4		10.9		10		76				<0.2		2.4	
IM3	Fine	Calm	07:29	8.1	Surface	1.0	0.7	23	27.0	27.0	8.2	8.2	16.0	16.0	103.0	103.0	7.5	7.5	15.2	14.4	8	9	74	76	818776	805602	<0.2	<0.2	2.5	2.4
						1.0	0.7	24	27.0		8.2		16.0		103.0		7.5		15.2		8		75				<0.2		2.3	
					Middle	4.1	0.6	16	26.9	26.9	8.2	8.2	17.6	17.6	102.0	102.0	7.4		13.0		7		76				<0.2		2.2	
						4.1	0.7	17	26.9		8.2		17.6		102.0		7.4		13.0		8		77				<0.2		2.4	
					Bottom	7.1	0.4	359	26.9	26.9	8.2	8.2	19.0	19.0	102.4	102.4	7.3	7.3	14.9		10		78				<0.2		2.4	
						7.1	0.4	330	26.9		8.2		19.0		102.4		7.3		14.9		12		77				<0.2		2.3	
IM4	Fine	Calm	07:36	8.2	Surface	1.0	0.6	14	26.9	26.9	8.2	8.2	17.5	17.5	102.9	102.9	7.4	7.4	15.2	14.6	9	9	74	75	819701	804602	<0.2	<0.2	2.4	2.2
						1.0	0.6	15	26.9		8.2		17.5		102.9		7.4		15.2		7		73				<0.2		2.2	
					Middle	4.1	0.6	20	26.9	26.9	8.2	8.2	19.0	19.0	102.7	102.7	7.4		16.5		8		75				<0.2		2.1	
						4.1	0.6	20	26.9		8.2		19.0		102.7		7.4		16.5		8		76				<0.2		2.1	
					Bottom	7.2	0.4	23	26.9	26.9	8.2	8.2	20.2	20.2	103.3	103.3	7.4	7.4	12.2		10		77				<0.2		2.2	
						7.2	0.4	25	26.9		8.2		20.2		103.3		7.4		12.2		11		76				<0.2		2.2	
IM5	Fine	Calm	07:43	7.4	Surface	1.0	0.8	30	26.9	26.9	8.2	8.2	18.9	18.9	102.2	102.2	7.3	7.3	13.3	16.2	8	9	75	76	820706	804843	<0.2	<0.2	2.5	2.5
						1.0	0.9	31	26.9		8.2		18.9		102.2		7.3		13.3		9		74				<0.2		2.6	
					Middle	3.7	0.8	33	26.8	26.8	8.2	8.2	19.1	19.1	102.0	102.0	7.3		16.2		8		76				<0.2		2.5	
						3.7	0.8	34	26.8		8.2		19.1		102.0		7.3		16.2		9		76				<0.2		2.5	
					Bottom	6.4	0.5	30	26.8	26.8	8.2	8.2	19.9	19.9	102.7	102.7	7.4	7.4	19.2		10		77				<0.2		2.4	
						6.4	0.6	30	26.8		8.2		19.9		102.7		7.4		19.2		10		77				<0.2		2.4	
IM6	Fine	Calm	07:49	7.6	Surface	1.0	0.8	22	27.0	27.0	8.2	8.2	19.9	19.9	101.7	101.7	7.3	7.3	18.6	18.2	11	12	74	76	821056	805855	<0.2	<0.2	2.8	2.6
						1.0	0.9	24	27.0		8.2		19.9		101.7		7.3		18.6		10		73				<0.2		2.7	
					Middle	3.8	0.8	23	26.9	26.9	8.2	8.2	20.0	20.0	101.9	101.9	7.3		18.6		12		77				<0.2		2.6	
						3.8	0.9	24	26.9		8.2		20.0		101.9		7.3		18.6		11		77				<0.2		2.5	
					Bottom	6.6	0.5	19	26.9	26.9	8.2	8.2	20.8	20.8	102.9	102.9	7.3	7.3	17.3		13		77				<0.2		2.6	
						6.6	0.5	19	26.9		8.2		20.8		102.9		7.3		17.3		13		77				<0.2		2.5	
IM7	Fine	Calm	07:57	9.0	Surface	1.0	0.7	62	27.0	27.0	8.2	8.2	19.6	19.6	102.7	102.7	7.3	7.3	17.3	19.9	7	9	73	75	821359	806825	<0.2	<0.2	2.6	2.7
						1.0	0.7	66	27.0		8.2		19.6		102.7		7.3		17.5		7		73				<0.2		2.7	
					Middle	4.5	0.5	49	26.9	26.9	8.2	8.2	20.0	20.0	102.6	102.6	7.3		21.9		8		74				<0.2		2.7	
						4.5	0.5	50	26.9		8.2		20.0		102.6		7.3		21.9		8		75				<0.2		2.7	
					Bottom	8.0	0.3	46	26.9	26.9	8.2	8.2	20.6	20.6	103.0	103.0	7.3	7.3	20.5		11		77				<0.2		2.6	
						8.0	0.3	49	26.9		8.2		20.6		103.0		7.3		20.5		10		77				<0.2		2.7	
IM8	Cloudy	Moderate	07:15	8.1	Surface	1.0	0.2	118	27.1	27.1	8.1	8.1	18.6	18.6	95.9	96.0	6.9	6.9	12.4	15.0	6	6	75	77	821810	808119	<0.2	<0.2	3.1	3.0
						1.0	0.2	119	27.1		8.1		18.6		96.0		6.9		12.5		5		75				<0.2		2.9	
					Middle	4.1	0.4	75	27.0	27.0	8.2	8.2	19.9	19.9	97.0	97.1	6.9		15.3		5		77				<0.2		3.1	
						4.1	0.4	75	27.0		8.2		19.9		97.1		6.9		15.2		7		77				<0.2		2.9	
					Bottom	7.1	0.4	59	26.8	26.8	8.2	8.2	22.8	22.8	98.1	98.2	6.9	6.9	17.0		5		79				<0.2		3.2	
						7.1	0.4	59	26.8		8.2		22.8		98.2		6.9		17.4		6		79				<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 15 May 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	07:08	7.5	Surface	1.0	0.2	351	27.1	27.1	8.2	8.2	20.0	20.0	99.1	99.2	7.1	7.1	14.6	16.9	7	8	75	77	822101	808797	<0.2	<0.2	2.6	2.6
						1.0	0.2	323	27.1		8.2		20.0		99.2		7.1		14.7		6		75				<0.2		2.6	
					Middle	3.8	0.2	337	27.1	27.1	8.2	8.2	20.6	20.6	100.4	100.4	7.1		17.4		10		77				<0.2		2.6	
						3.8	0.2	310	27.1		8.2		20.6		100.4		7.1		17.4		8		77				<0.2		2.6	
					Bottom	6.5	0.2	311	27.1	27.1	8.2	8.2	20.8	20.8	100.6	100.6	7.1	7.1	18.5		10		79				<0.2		2.7	
						6.5	0.3	313	27.1		8.2		20.8		100.6		7.1		18.5		8		79				<0.2		2.5	
IM10	Cloudy	Moderate	06:58	7.7	Surface	1.0	0.7	304	27.1	27.1	8.1	8.1	20.7	20.7	98.4	98.4	7.0	7.0	13.2	14.3	7	7	75	77	822414	809764	<0.2	<0.2	2.6	2.6
						1.0	0.7	305	27.1		8.1		20.7		98.4		7.0		13.2		8		75				<0.2		2.5	
					Middle	3.9	0.5	307	27.1	27.1	8.2	8.2	20.8	20.8	98.6	98.7	7.0		14.2		7		77				<0.2		2.7	
						3.9	0.6	323	27.1		8.2		20.8		98.7		7.0		13.9		6		77				<0.2		2.6	
					Bottom	6.7	0.4	322	27.0	27.0	8.2	8.2	22.4	22.4	98.3	98.4	6.9	6.9	15.6		6		79				<0.2		2.6	
						6.7	0.4	339	27.0		8.2		22.4		98.4		6.9		15.6		6		79				<0.2		2.5	
IM11	Cloudy	Moderate	06:48	7.1	Surface	1.0	0.6	298	27.0	27.0	8.2	8.2	21.7	21.7	96.4	96.5	6.8	6.8	12.3	14.5	5	5	75	77	822059	811460	<0.2	<0.2	2.7	2.7
						1.0	0.6	320	27.0		8.2		21.7		96.5		6.8		12.2		5		75				<0.2		2.8	
					Middle	3.6	0.4	287	26.9	26.9	8.1	8.1	22.6	22.6	94.7	94.7	6.7		14.8		4		77				<0.2		2.6	
						3.6	0.5	304	26.9		8.1		22.6		94.6		6.7		14.6		5		77				<0.2		2.5	
					Bottom	6.1	0.2	297	26.7	26.7	8.1	8.1	23.7	23.7	93.4	93.4	6.6	6.6	16.4		6		79				<0.2		2.7	
						6.1	0.2	297	26.7		8.1		23.7		93.4		6.6		16.5		6		79				<0.2		2.6	
IM12	Cloudy	Moderate	06:41	8.4	Surface	1.0	0.6	273	27.0	27.0	8.1	8.1	21.0	21.0	96.6	96.6	6.8	6.8	13.1	14.8	6	6	75	77	821459	812058	<0.2	<0.2	2.6	2.7
						1.0	0.6	285	27.0		8.1		21.0		96.5		6.8		13.2		6		75				<0.2		2.7	
					Middle	4.2	0.5	269	26.9	26.9	8.1	8.1	22.1	22.1	96.6	96.6	6.8		14.6		7		77				<0.2		2.7	
						4.2	0.5	282	26.9		8.1		22.1		96.5		6.8		14.8		6		77				<0.2		2.7	
					Bottom	7.4	0.5	285	26.7	26.7	8.1	8.1	23.6	23.6	97.2	97.2	6.8	6.8	16.4		6		79				<0.2		2.7	
						7.4	0.5	294	26.7		8.1		23.6		97.2		6.8		16.5		7		79				<0.2		2.7	
SR2	Cloudy	Moderate	06:09	4.3	Surface	1.0	0.3	337	26.9	26.9	8.1	8.1	22.3	22.3	96.7	96.7	6.8	6.8	15.1	18.1	9	11	75	76	821450	814148	<0.2	<0.2	2.2	2.3
						1.0	0.3	340	26.9		8.1		22.3		96.7		6.8		15.6		10		75				<0.2		2.4	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.3	341	26.9	26.9	8.1	8.1	22.4	22.4	98.1	98.1	6.9	6.9	20.8		12		77				<0.2		2.3	
						3.3	0.3	314	26.9		8.1		22.4		98.1		6.9		20.8		11		77				<0.2		2.4	
SR3	Cloudy	Moderate	07:23	9.7	Surface	1.0	0.4	16	27.1	27.1	8.2	8.2	19.5	19.5	97.2	97.2	6.9	7.0	14.4	15.5	7	8	-	-	822127	807595	-	-	-	-
						1.0	0.4	16	27.1		8.2		19.5		97.2		6.9		14.4		8		-				-		-	
					Middle	4.9	0.5	17	27.0	27.0	8.2	8.2	20.4	20.4	98.5	98.5	7.0		15.6		8		-				-		-	
						4.9	0.5	17	27.0		8.2		20.4		98.5		7.0		15.6		8		-				-		-	
					Bottom	8.7	0.5	31	26.7	26.7	8.3	8.3	23.5	23.5	97.6	97.6	6.9	6.9	16.5		9		-				-		-	
						8.7	0.6	31	26.7		8.3		23.5		97.6		6.9		16.4		9		-				-		-	
SR4A	Cloudy	Calm	06:36	8.5	Surface	1.0	0.3	248	27.1	27.1	8.2	8.2	22.6	22.6	106.5	106.5	7.5	7.5	16.6	15.7	10	12	-	-	817202	807780	-	-	-	-
						1.0	0.3	256	27.1		8.2		22.6		106.5		7.5		16.6		11		-				-		-	
					Middle	4.3	0.3	245	27.1	27.1	8.2	8.2	22.1	22.1	106.7	106.7	7.5		15.1		11		-				-		-	
						4.3	0.3	251	27.1		8.2		22.1		106.7		7.5		15.1		12		-				-		-	
					Bottom	7.5	0.1	326	27.0	27.0	8.3	8.3	22.9	22.9	106.6	106.6	7.5	7.5	15.3		13		-				-		-	
						7.5	0.1	333	27.0		8.3		22.9		106.6		7.5		15.3		14		-				-		-	
SR5A	Cloudy	Calm	06:26	5.2	Surface	1.0	0.3	316	27.0	27.0	8.3	8.3	22.5	22.5	109.8	109.8	7.7	7.7	15.4	13.6	9	9	-	-	816573	810689	-	-	-	-
						1.0	0.3	330	27.0		8.3		22.5		109.7		7.7		15.4		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.2	0.3	327	27.0	27.0	8.3	8.3	22.4	22.4	108.2	108.2	7.6	7.6	11.8		9		-				-		-	
						4.2	0.3	344	27.0		8.3		22.4		108.2		7.6		11.8		8		-				-		-	
SR6	Cloudy	Calm	05:55	4.5	Surface	1.0	0.3	249	27.1	27.1	8.2	8.2	20.9	20.9	102.8	102.8	7.3	7.3	14.7	15.4	7	9	-	-	817898	814684	-	-	-	-
						1.0	0.3	250	27.1		8.2		20.9		102.8		7.3		14.7		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.3	255	26.9	26.9	8.1	8.1	22.0	22.0	103.2	103.2	7.3	7.3	16.0		10		-				-		-	
						3.5	0.3	275	26.9		8.1		22.0		103.2		7.3		16.0		11		-				-		-	
SR7	Cloudy	Moderate	05:18	18.6	Surface	1.0	0.1	170	27.3	27.3	8.2	8.2	20.7	20.7	103.6	103.6	7.3	7.0	8.6	10.8	5	5	-	-	823642	823753	-	-	-	-
						1.0	0.1	176	27.3		8.2		20.7		103.6		7.3		8.6		4		-				-		-	
					Middle	9.3	0.2	124	26.4	26.4	8.1	8.1	26.1	26.1	96.0	96.0	6.7		10.3		4		-				-		-	
						9.3	0.2	135	26.4		8.1		26.1		95.9		6.7		10.4		6		-				-		-	
					Bottom	17.6	0.2	72	25.6	25.6	8.1	8.1	30.8	30.8	91.2	91.2	6.3	6.3	13.5		4		-				-		-	
						17.6	0.2	78	25.6		8.1		30.8		91.2		6.3		13.5		4		-				-		-	
SR8	Cloudy	Moderate	06:30	4.0	Surface	1.0	-	-	27.2	27.2	8.2	8.2	20.5	20.5	103.0	103.0	7.3	7.3	10.9	10.6	5	5	-	-	820246	811418	-	-	-	-
						1.0	-	-	27.2		8.2		20.5		102.9		7.3		10.8		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	27.1	27.1	8.2	8.2	21.1	21.1	103.9	103.9	7.3	7.4	10.4		5		-				-		-	
						3.0	-	-	27.1		8.2		21.1		103.9		7.4		10.4		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 17 May 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	13:40	9.2	Surface	1.0	0.6	209	27.8	27.8	8.2	8.2	21.8	21.8	101.1	101.1	7.0	6.7	12.1	18.2	6	7	85	87	815600	804270	<0.2	<0.2	1.9	1.5
						1.0	0.6	225	27.8		8.2		21.8		101.1		7.0		12.1		5		85				<0.2		1.8	
					Middle	4.6	0.8	188	26.3	26.3	8.2	8.2	27.6	27.6	92.3	92.3	6.4		22.3		8		88				<0.2		1.4	
						4.6	0.9	206	26.3		8.2		27.6		92.3		6.4		22.3		8		87				<0.2		1.2	
					Bottom	8.2	0.5	190	26.1	26.1	8.2	8.2	28.7	28.7	92.6	92.6	6.4	6.4	20.1		7		88				<0.2		1.3	
						8.2	0.6	190	26.1		8.2		28.7		92.6		6.4		20.1		9		89				<0.2		1.4	
C2	Sunny	Moderate	12:36	12.5	Surface	1.0	0.7	164	27.6	27.6	7.9	7.9	20.7	20.7	86.7	86.7	6.1	6.0	10.6	15.9	13	16	81	83	825652	806960	<0.2	<0.2	2.9	3.2
						1.0	0.7	174	27.6		7.9		20.7		86.7		6.1		10.7		14		81				<0.2		2.8	
					Middle	6.3	0.4	174	27.0	27.0	7.9	7.9	22.8	22.9	83.7	83.7	5.9		10.6		15		83				<0.2		2.8	
						6.3	0.5	186	27.0		7.9		22.9		83.7		5.9		10.8		16		83				<0.2		4.9	
					Bottom	11.5	0.3	136	26.6	26.6	7.9	7.9	25.2	25.2	82.2	82.3	5.7	5.7	26.6		18		85				<0.2		2.9	
						11.5	0.3	142	26.6		7.9		25.2		82.3		5.7		26.4		17		85				<0.2		2.8	
C3	Sunny	Moderate	14:23	12.2	Surface	1.0	0.4	108	27.2	27.2	8.0	8.0	24.0	24.0	89.2	89.2	6.2	6.2	7.5	8.6	13	14	83	85	822104	817829	<0.2	<0.2	2.2	2.3
						1.0	0.5	109	27.2		8.0		24.0		89.2		6.2		7.4		12		84				<0.2		2.3	
					Middle	6.1	0.3	97	27.1	27.1	8.0	8.0	24.5	24.5	88.6	88.6	6.1		6.9		12		85				<0.2		2.3	
						6.1	0.3	104	27.1		8.0		24.5		88.6		6.1		6.9		11		86				<0.2		2.4	
					Bottom	11.2	0.4	45	26.8	26.8	8.0	8.0	25.6	25.6	86.2	86.2	6.0	6.0	11.6		16		86				<0.2		2.4	
						11.2	0.4	48	26.8		8.0		25.6		86.2		6.0		11.6		17		86				<0.2		2.4	
IM1	Sunny	Moderate	13:20	5.4	Surface	1.0	0.1	184	28.1	28.1	8.2	8.2	21.9	21.9	96.6	96.6	6.7	6.7	15.1	16.7	5	8	85	86	817944	807151	<0.2	<0.2	2.2	1.8
						1.0	0.1	201	28.1		8.2		21.9		96.6		6.7		15.1		5		85				<0.2		1.9	
					Middle	2.7	-	-		-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.7	-	-			-		-		-		-		-		-		-				-		-	
					Bottom	4.4	0.2	166	26.5	26.5	8.2	8.2	26.6	26.6	96.3	96.3	6.7	6.7	18.3		10		87				<0.2		1.4	
						4.4	0.2	176	26.5		8.2		26.6		96.3		6.7		18.3		12		88				<0.2		1.6	
IM2	Sunny	Moderate	13:13	7.8	Surface	1.0	0.4	169	28.0	28.0	8.2	8.2	21.8	21.8	101.4	101.4	7.0	6.8	10.5	14.2	6	8	85	87	818185	806160	<0.2	<0.2	1.9	1.6
						1.0	0.4	174	28.0		8.2		21.8		101.4		7.0		10.5		5		85				<0.2		1.8	
					Middle	3.9	0.4	167	26.5	26.5	8.2	8.2	26.0	26.0	95.0	95.0	6.6		15.4		6		87				<0.2		1.5	
						3.9	0.4	182	26.5		8.2		26.0		95.0		6.6		15.4		6		88				<0.2		1.5	
					Bottom	6.8	0.3	157	26.4	26.4	8.2	8.2	27.3	27.3	97.7	97.7	6.8	6.8	16.7		12		88				<0.2		1.3	
						6.8	0.3	159	26.4		8.2		27.3		97.7		6.8		16.7		10		88				<0.2		1.3	
IM3	Sunny	Moderate	13:07	8.1	Surface	1.0	0.3	193	27.0	27.0	8.2	8.2	23.8	23.8	97.1	97.1	6.8	6.8	12.8	16.7	3	5	85	87	818757	805597	<0.2	<0.2	1.7	1.6
						1.0	0.3	207	27.0		8.2		23.8		97.1		6.8		12.8		4		86				<0.2		1.8	
					Middle	4.1	0.3	181	26.9	26.9	8.2	8.2	25.4	25.4	96.2	96.2	6.7		15.2		3		87				<0.2		1.5	
						4.1	0.4	187	26.9		8.2		25.4		96.2		6.7		15.2		5		88				<0.2		1.6	
					Bottom	7.1	0.3	149	26.4	26.4	8.2	8.2	27.2	27.2	96.4	96.4	6.7	6.7	22.0		6		89				<0.2		1.4	
						7.1	0.3	150	26.4		8.2		27.2		96.4		6.7		22.0		6		88				<0.2		1.4	
IM4	Sunny	Moderate	12:58	8.0	Surface	1.0	0.4	184	27.2	27.2	8.2	8.2	26.1	26.1	94.4	94.4	6.5	6.4	17.5	21.8	9	12	83	85	819734	804618	<0.2	<0.2	1.4	1.3
						1.0	0.4	186	27.2		8.2		26.1		94.4		6.5		17.5		9		83				<0.2		1.4	
					Middle	4.0	0.4	183	26.4	26.4	8.2	8.2	26.8	26.8	91.1	91.1	6.3		22.4		10		85				<0.2		1.3	
						4.0	0.4	193	26.4		8.2		26.8		91.1		6.3		22.4		10		85				<0.2		1.3	
					Bottom	7.0	0.3	169	26.3	26.3	8.2	8.2	27.6	27.6	91.0	91.0	6.3	6.3	25.6		16		87				<0.2		1.2	
						7.0	0.3	184	26.3		8.2		27.6		91.0		6.3		25.6		15		88				<0.2		1.2	
IM5	Sunny	Moderate	12:50	7.6	Surface	1.0	0.4	186	26.9	26.9	8.2	8.2	25.5	25.5	94.8	94.8	6.6	6.5	17.4	18.8	9	12	83	85	820713	804889	<0.2	<0.2	1.4	1.4
						1.0	0.5	192	26.9		8.2		25.5		94.8		6.6		17.4		8		82				<0.2		1.4	
					Middle	3.8	0.4	179	26.4	26.4	8.2	8.2	26.4	26.4	91.7	91.7	6.4		18.8		11		85				<0.2		1.4	
						3.8	0.4	193	26.4		8.2		26.4		91.7		6.4		18.8		12		86				<0.2		1.3	
					Bottom	6.6	0.4	189	26.0	26.0	8.2	8.2	28.2	28.2	92.4	92.4	6.4	6.4	20.2		17		88				<0.2		1.5	
						6.6	0.5	207	26.0		8.2		28.2		92.4		6.4		20.2		17		88				<0.2		1.3	
IM6	Sunny	Moderate	12:43	7.6	Surface	1.0	0.3	199	27.2	27.2	8.2	8.2	25.0	25.0	94.8	94.8	6.5	6.5	15.5	18.2	6	10	83	86	821073	805810	<0.2	<0.2	1.7	1.6
						1.0	0.3	215	27.2		8.2		25.0		94.8		6.5		15.5		7		84				<0.2		1.8	
					Middle	3.8	0.3	199	26.5	26.5	8.2	8.2	26.0	26.0	92.2	92.2	6.4		20.0		9		85				<0.2		1.5	
						3.8	0.4	209	26.5		8.2		26.0		92.2		6.4		20.0		10		86				<0.2		1.5	
					Bottom	6.6	0.2	186	26.4	26.4	8.2	8.2	26.7	26.7	93.5	93.5	6.5	6.5	19.2		14		87				<0.2		1.4	
						6.6	0.2	194	26.4		8.2		26.7		93.5		6.5		19.2		14		88				<0.2		1.4	
IM7	Sunny	Moderate	12:35	9.2	Surface	1.0	0.2	94	27.6	27.6	8.2	8.2	23.6	23.6	98.2	98.2	6.8	6.7	13.7	17.5	8	8	83	86	821325	806851	<0.2	<0.2	1.8	1.6
						1.0	0.2	102	27.6		8.2		23.6		98.2		6.8		13.7		9		84				<0.2		1.8	
					Middle	4.6	0.2	123	27.1	27.1	8.2	8.2	24.8	24.8	95.2	95.2	6.6		16.5		8		85				<0.2		1.5	
						4.6	0.3	124	27.1		8.2		24.8		95.2		6.6		16.5		8		86				<0.2		1.5	
					Bottom	8.2	0.2	103	26.6	26.6	8.1	8.1	25.9	25.9	93.9	93.9	6.5	6.5	22.4		8		87				<0.2		1.4	
						8.2	0.2	111	26.6		8.1		25.9		93.9		6.5		22.4		8		88				<0.2		1.4	
IM8	Sunny	Moderate	13:05	7.9	Surface	1.0	0.3	131	27.4	27.4	8.0	8.0	21.7	21.7	91.7	91.7	6.4	6.4	7.4	9.3	3	6	83	84	821849	808143	<0.2	<0.2	2.1	2.5
						1.0	0.3	131	27.3		8.0		21.7		91.7		6.4		7.5		5		83				<0.2		2.0	
					Middle	4.0	0.2	76	26.9	26.9	8.0	8.0	23.7	23.7	90.8	90.7	6.4		9.2		7		84				<0.2		2.7	
						4.0	0.2	76	26.9		8.0		23.7		90.6		6.3		9.2		6		84				<0.2		2.8	
					Bottom	6.9	0.3	59	26.7	26.7	8.0	8.0	24.6	24.6	88.9	88.9	6.2	6.2	11.2		8		85				<0.2		2.7	
						6.9	0.3	60	26.7		8.0		24.6		88.9		6.2		11.2		7		86				<0.2		2.8	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 17 May 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	13:11	7.7	Surface	1.0	0.3	110	27.2	27.3	8.0	8.0	22.4	22.4	90.1	90.1	6.3	6.3	7.4	9.4	4	5	81	85	822093	808835	<0.2	<0.2	2.6	2.6
						1.0	0.4	120	27.3		8.0		22.4		90.1		6.3		7.4		4		82				<0.2		2.5	
					Middle	3.9	0.4	107	27.0	27.0	8.0	8.0	22.9	22.9	89.9	90.0	6.3		8.5		5		86				<0.2		2.6	
						3.9	0.4	114	27.0		8.0		22.9		90.0		6.3		8.5		4		86				<0.2		2.6	
					Bottom	6.7	0.3	84	26.7	26.7	8.0	8.0	24.3	24.3	89.3	89.4	6.2	6.2	12.2		7		87				<0.2		2.5	
						6.7	0.3	84	26.7		8.0		24.3		89.4		6.2		12.2		6		87				<0.2		2.5	
IM10	Sunny	Moderate	13:18	7.5	Surface	1.0	0.9	116	28.0	28.0	8.0	8.0	21.3	21.3	94.0	94.0	6.5	6.5	6.5	13.2	10	9	83	86	822378	809773	<0.2	<0.2	2.4	2.4
						1.0	1.0	116	28.0		8.0		21.3		94.0		6.5		6.6		8		84				<0.2		2.3	
					Middle	3.8	0.8	108	27.5	27.5	8.0	8.0	22.2	22.2	91.9	91.9	6.4		9.3		9		86				<0.2		2.4	
						3.8	0.9	109	27.5		8.0		22.2		91.8		6.4		9.6		8		86				<0.2		2.3	
					Bottom	6.5	0.6	108	27.0	27.0	8.0	8.0	23.4	23.4	89.8	89.8	6.3	6.3	23.6		10		87				<0.2		2.4	
						6.5	0.6	117	27.0		8.0		23.4		89.8		6.3		23.4		8		88				<0.2		2.4	
IM11	Sunny	Moderate	13:27	9.5	Surface	1.0	0.9	116	27.6	27.6	8.0	8.0	21.5	21.5	91.3	91.2	6.4	6.4	9.8	16.3	7	8	81	84	822076	811489	<0.2	<0.2	2.4	2.3
						1.0	0.9	127	27.6		8.0		21.5		91.1		6.4		9.9		7		82				<0.2		2.4	
					Middle	4.8	0.8	111	27.3	27.3	8.0	8.0	22.0	22.0	89.5	89.5	6.3		18.4		7		84				<0.2		2.3	
						4.8	0.8	118	27.3		8.0		22.0		89.4		6.3		18.6		8		84				<0.2		2.3	
					Bottom	8.5	0.5	91	27.2	27.2	8.0	8.0	22.3	22.3	89.3	89.4	6.3	6.3	20.5		8		86				<0.2		2.3	
						8.5	0.6	93	27.2		8.0		22.4		89.4		6.3		20.8		9		87				<0.2		2.3	
IM12	Sunny	Moderate	13:35	11.3	Surface	1.0	0.6	105	27.6	27.6	8.0	8.0	21.4	21.4	90.3	90.3	6.3	6.3	11.0	15.1	8	11	81	84	821484	812058	<0.2	<0.2	2.4	2.4
						1.0	0.6	113	27.5		8.0		21.5		90.2		6.3		11.1		10		81				<0.2		2.4	
					Middle	5.7	0.6	102	27.2	27.2	8.0	8.0	22.4	22.4	89.1	89.1	6.2		17.7		11		83				<0.2		2.4	
						5.7	0.6	104	27.2		8.0		22.4		89.1		6.2		16.9		11		84				<0.2		2.4	
					Bottom	10.3	0.4	89	27.2	27.2	8.1	8.1	22.7	22.7	89.0	89.0	6.2	6.2	16.8		12		86				<0.2		2.4	
						10.3	0.4	96	27.2		8.1		22.7		89.0		6.2		17.1		13		86				<0.2		2.4	
SR2	Sunny	Moderate	14:05	3.7	Surface	1.0	0.6	81	27.4	27.4	8.0	8.0	22.0	22.0	89.0	89.0	6.2	6.2	12.3	13.8	10	10	83	86	821444	814137	<0.2	<0.2	2.5	2.5
						1.0	0.6	81	27.4		8.0		22.0		89.0		6.2		12.4		9		83				<0.2		2.4	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	0.4	83	27.3	27.3	8.0	8.0	22.3	22.3	88.5	88.5	6.2	6.2	15.7		10		88				<0.2		2.6	
						2.7	0.4	89	27.3		8.0		22.3		88.5		6.2		14.8		10		88				<0.2		2.5	
SR3	Sunny	Moderate	12:58	9.4	Surface	1.0	0.2	185	27.5	27.5	8.0	8.0	21.4	21.4	91.1	91.2	6.4	6.4	7.5	11.1	8	7	-	-	822149	807600	-	-	-	-
						1.0	0.2	193	27.5		8.0		21.4		91.2		6.4		7.4		7		-				-		-	
					Middle	4.7	0.2	126	27.3	27.3	8.0	8.0	22.5	22.5	91.8	91.8	6.4		7.9		7		-				-		-	
						4.7	0.2	133	27.3		8.0		22.5		91.8		6.4		8.2		6		-				-		-	
					Bottom	8.4	0.2	26	26.7	26.8	8.0	8.0	25.1	25.0	90.8	91.0	6.3	6.3	17.9		6		-				-		-	
						8.4	0.2	26	26.8		8.0		25.0		91.1		6.3		17.9		8		-				-		-	
SR4A	Sunny	Moderate	14:03	9.4	Surface	1.0	0.2	108	28.3	28.3	8.2	8.2	22.2	22.2	96.7	96.7	6.7	6.6	15.6	17.9	6	9	-	-	817163	807833	-	-	-	-
						1.0	0.2	118	28.3		8.2		22.2		96.7		6.7		15.6		8		-				-		-	
					Middle	4.7	0.2	92	26.4	26.4	8.2	8.2	26.9	26.9	93.1	93.1	6.5		20.0		9		-				-		-	
						4.7	0.2	99	26.4		8.2		26.9		93.1		6.5		20.0		9		-				-		-	
					Bottom	8.4	0.2	85	26.4	26.4	8.2	8.2	27.0	27.0	94.7	94.7	6.6	6.6	18.2		10		-				-		-	
						8.4	0.2	86	26.4		8.2		27.0		94.7		6.6		18.2		12		-				-		-	
SR5A	Sunny	Calm	14:19	4.3	Surface	1.0	0.1	343	28.6	28.6	8.1	8.1	22.7	22.7	100.8	100.8	6.9	6.9	11.8	12.1	6	7	-	-	816573	810687	-	-	-	-
						1.0	0.1	359	28.6		8.1		22.7		100.8		6.9		11.8		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.1	345	28.4	28.4	8.2	8.2	22.7	22.7	105.5	105.5	7.2	7.2	12.3		7		-				-		-	
						3.3	0.1	317	28.4		8.2		22.7		105.5		7.2		12.3		8		-				-		-	
SR6	Sunny	Calm	14:41	4.2	Surface	1.0	0.1	7	28.6	28.6	8.2	8.2	22.1	22.1	106.7	106.7	7.3	7.3	10.8	11.7	10	9	-	-	817891	814647	-	-	-	-
						1.0	0.1	7	28.6		8.2		22.1		106.7		7.3		10.8		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.1	48	28.6	28.6	8.2	8.2	22.2	22.2	106.4	106.4	7.3	7.3	12.5		9		-				-		-	
						3.2	0.1	48	28.6		8.2		22.2		106.4		7.3		12.5		8		-				-		-	
SR7	Sunny	Moderate	14:49	19.1	Surface	1.0	1.0	73	28.2	28.2	8.0	8.0	21.6	21.6	95.4	95.4	6.6	6.4	4.9	6.2	7	7	-	-	823626	823729	-	-	-	-
						1.0	1.0	74	28.2		8.0		21.6		95.4		6.6		4.9		7		-				-		-	
					Middle	9.6	0.6	72	27.2	27.2	8.0	8.0	24.1	24.1	88.2	88.2	6.1		6.8		7		-				-		-	
						9.6	0.7	78	27.2		8.0		24.1		88.2		6.1		6.8		7		-				-		-	
					Bottom	18.1	0.3	21	27.2	27.2	8.0	8.0	24.2	24.2	88.5	88.6	6.1	6.2	6.9		7		-				-		-	
						18.1	0.4	22	27.2		8.0		24.2		88.6		6.2		7.0		8		-				-		-	
SR8	Sunny	Moderate	13:50	3.9	Surface	1.0	-	-	28.1	28.1	8.1	8.0	22.2	22.2	89.9	90.0	6.2	6.2	9.4	9.7	9	10	-	-	820246	811418	-	-	-	-
						1.0	-	-	28.1		8.0		22.2		90.0		6.2		9.4		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	28.1	28.1	8.0	8.0	22.2	22.2	90.7	90.8	6.3	6.3	10.0		10		-				-		-	
						2.9	-	-	28.1		8.0		22.2		90.8		6.3		10.1		11		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 17 May 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	Calm	07:16	9.4	Surface	1.0	0.9	36	26.7	26.7	8.1	8.1	22.2	22.2	93.7	93.7	6.6	6.5	20.8	20.1	7	8	83	85	815604.655	804252.88	<0.2	<0.2	3.2	2.5
						1.0	0.9	38	26.7		8.1		22.2		93.7		6.6		20.8		8		83				<0.2		3.5	
					Middle	4.7	0.6	34	26.0	26.0	8.2	8.2	28.9	28.9	92.2	92.2	6.4		19.5		8		85				<0.2		2.1	
						4.7	0.7	34	26.0		8.2		28.9		92.2		6.4		19.5		9		86				<0.2		2.0	
					Bottom	8.4	0.5	32	26.0	26.0	8.2	8.2	29.2	29.2	95.6	95.6	6.6	6.6	20.1		8		87				<0.2		2.0	
						8.4	0.5	34	26.0		8.2		29.2		95.6		6.6		20.1		8		88				<0.2		1.9	
C2	Sunny	Moderate	08:31	12.9	Surface	1.0	0.6	346	27.4	27.4	7.9	7.9	18.6	18.6	85.2	85.1	6.1	6.0	7.1	15.1	6	7	83	85	825665	806920	<0.2	<0.2	2.0	2.8
						1.0	0.6	356	27.4		7.9		18.7		85.0		6.1		7.2		6		84				<0.2		1.9	
					Middle	6.5	0.5	348	27.2	27.2	8.0	8.0	20.1	20.2	83.0	83.0	5.9		15.0		6		85				<0.2		3.3	
						6.5	0.6	320	27.2		8.0		20.2		82.9		5.9		15.1		6		86				<0.2		3.2	
					Bottom	11.9	0.4	17	27.1	27.1	8.0	8.0	20.8	20.8	82.5	82.5	5.8	5.8	23.3		7		87				<0.2		3.2	
						11.9	0.4	17	27.1		8.0		20.8		82.5		5.8		23.1		8		87				<0.2		3.3	
C3	Fine	Calm	06:45	11.7	Surface	1.0	0.7	243	27.2	27.2	7.9	7.9	22.2	22.2	87.6	87.6	6.1	6.1	5.2	8.5	5	7	81	83	822118	817793	<0.2	<0.2	3.9	3.6
						1.0	0.8	266	27.2		7.9		22.2		87.5		6.1		5.1		5		82				<0.2		3.6	
					Middle	5.9	0.8	248	26.7	26.7	7.9	7.9	24.8	24.8	85.4	85.4	6.0		4.2		9		83				<0.2		3.5	
						5.9	0.8	265	26.7		7.9		24.8		85.4		6.0		4.3		9		83				<0.2		3.6	
					Bottom	10.7	0.7	270	26.2	26.2	7.9	7.9	27.9	27.9	83.8	83.9	5.8	5.8	16.1		8		85				<0.2		3.5	
						10.7	0.7	290	26.2		7.9		27.9		84.0		5.8		15.9		8		85				<0.2		3.6	
IM1	Fine	Calm	06:52	5.6	Surface	1.0	0.3	25	27.1	27.1	8.2	8.2	23.8	23.8	94.6	94.6	6.6	6.6	18.4	20.4	9	9	83	85	817944.608	807130.69	<0.2	<0.2	2.8	2.6
						1.0	0.3	25	27.1		8.2		23.8		94.6		6.6		18.4		8		84				<0.2		2.8	
					Middle	2.8	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.8	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.6	0.3	23	27.1	27.1	8.2	8.2	24.0	24.0	96.4	96.4	6.7	6.7	22.3		10		85				<0.2		2.4	
						4.6	0.3	24	27.1		8.2		24.0		96.4		6.7		22.3		10		86				<0.2		2.4	
IM2	Fine	Calm	06:45	8.2	Surface	1.0	0.8	14	27.1	27.1	8.1	8.1	22.0	22.0	96.0	96.0	6.8	6.7	19.4	19.7	5	7	83	85	818164.487	806164.35	<0.2	<0.2	2.4	2.4
						1.0	0.8	14	27.1		8.1		22.0		96.0		6.8		19.4		6		83				<0.2		2.4	
					Middle	4.1	0.7	2	26.8	26.8	8.2	8.2	24.3	24.3	94.7	94.7	6.6		18.6		8		86				<0.2		2.4	
						4.1	0.7	2	26.8		8.2		24.3		94.7		6.6		18.6		7		85				<0.2		2.4	
					Bottom	7.2	0.5	354	26.8	26.8	8.2	8.2	25.7	25.7	95.9	95.9	6.6	6.6	21.2		6		86				<0.2		2.3	
						7.2	0.5	326	26.8		8.2		25.7		95.9		6.6		21.2		8		87				<0.2		2.3	
IM3	Fine	Calm	06:37	8.3	Surface	1.0	0.8	11	27.2	27.2	8.1	8.1	20.2	20.2	95.9	95.9	6.8	6.7	20.8	21.6	7	7	84	86	818769.889	805592.82	<0.2	<0.2	2.6	2.7
						1.0	0.8	11	27.2		8.1		20.2		95.9		6.8		20.8		7		83				<0.2		2.8	
					Middle	4.2	0.8	3	26.9	26.9	8.1	8.1	23.5	23.5	94.4	94.4	6.6		20.8		6		86				<0.2		2.7	
						4.2	0.8	3	26.9		8.1		23.5		94.4		6.6		20.8		7		85				<0.2		2.6	
					Bottom	7.3	0.6	0	26.8	26.8	8.1	8.1	26.1	26.1	98.3	98.3	6.8	6.8	23.2		7		88				<0.2		2.6	
						7.3	0.7	0	26.8		8.1		26.1		98.3		6.8		23.2		9		88				<0.2		2.7	
IM4	Fine	Calm	06:28	8.2	Surface	1.0	0.9	40	27.0	27.0	8.1	8.1	21.3	21.3	94.0	94.0	6.7	6.6	17.6	20.9	7	8	83	86	819734.471	804618.49	<0.2	<0.2	2.5	2.7
						1.0	1.0	41	27.0		8.1		21.3		94.0		6.7		17.6		8		84				<0.2		2.7	
					Middle	4.1	0.7	32	26.5	26.5	8.1	8.1	25.2	25.2	93.7	93.7	6.5		20.4		7		87				<0.2		2.7	
						4.1	0.8	34	26.5		8.1		25.2		93.7		6.5		20.4		7		88				<0.2		2.6	
					Bottom	7.2	0.5	32	26.5	26.5	8.1	8.1	26.0	26.0	96.0	96.0	6.7	6.7	24.8		9		88				<0.2		2.8	
						7.2	0.5	34	26.5		8.1		26.0		96.0		6.7		24.8		7		87				<0.2		2.6	
IM5	Fine	Calm	06:18	8.3	Surface	1.0	0.8	29	27.2	27.2	8.1	8.1	21.1	21.1	94.7	94.7	6.7	6.7	19.8	22.1	8	10	83	85	820731.698	804868.5	<0.2	<0.2	2.5	2.5
						1.0	0.8	31	27.2		8.1		21.1		94.7		6.7		19.8		9		83				<0.2		2.4	
					Middle	4.2	0.8	24	27.1	27.1	8.1	8.1	22.2	22.2	94.4	94.4	6.6		20.2		11		86				<0.2		2.5	
						4.2	0.9	25	27.1		8.1		22.2		94.4		6.6		20.2		9		85				<0.2		2.4	
					Bottom	7.3	0.7	26	27.0	27.0	8.1	8.1	24.9	24.9	98.5	98.5	6.8	6.8	26.2		11		88				<0.2		2.5	
						7.3	0.7	27	27.0		8.1		24.9		98.5		6.8		26.2		11		87				<0.2		2.4	
IM6	Fine	Calm	06:11	7.4	Surface	1.0	0.5	8	27.2	27.2	8.1	8.1	22.7	22.7	92.5	92.5	6.5	6.5	20.7	20.9	16	16	84	86	821058.305	805847.69	<0.2	<0.2	3.9	**3.9**
						1.0	0.5	8	27.2		8.1		22.7		92.5		6.5		20.7		15		84				<0.2		4.0	
					Middle	3.7	0.6	7	27.1	27.1	8.1	8.1	23.0	23.0	92.4	92.4	6.5		20.3		17		85				<0.2		3.8	
						3.7	0.6	7	27.1		8.1		23.0		92.4		6.5		20.3		16		86				<0.2		4.0	
					Bottom	6.4	0.5	10	27.1	27.1	8.1	8.1	23.1	23.1	93.6	93.6	6.5	6.5	21.8		17		87				<0.2		3.8	
						6.4	0.5	10	27.1		8.1		23.1		93.6		6.5		21.8		16		88				<0.2		3.8	
IM7	Fine	Calm	06:01	8.7	Surface	1.0	0.2	10	27.4	27.4	8.0	8.0	18.7	18.7	91.9	91.9	6.6	6.6	17.5	19.2	8	7	84	86	821389.052	806836.73	<0.2	<0.2	3.9	3.5
						1.0	0.3	10	27.4		8.0		18.7		91.9		6.6		17.5		8		84				<0.2		3.8	
					Middle	4.4	0.5	354	27.3	27.3	8.1	8.1	21.1	21.1	91.9	91.9	6.5		19.4		7		86				<0.2		3.6	
						4.4	0.5	326	27.3		8.1		21.1		91.9		6.5		19.4		7		86				<0.2		3.2	
					Bottom	7.7	0.5	11	27.2	27.2	8.2	8.2	22.7	22.7	91.6	91.6	6.4	6.4	20.7		7		87				<0.2		3.4	
						7.7	0.5	11	27.2		8.2		22.7		91.6		6.4		20.7		6		87				<0.2		3.2	
IM8	Sunny	Moderate	08:08	8.5	Surface	1.0	0.0	174	27.4	27.4	8.2	8.2	18.8	18.8	87.4	87.4	6.2	6.2	7.3	14.5	11	10	82	85	821849	808140	<0.2	<0.2	2.4	2.7
						1.0	0.0	182	27.4		8.2		18.8		87.4		6.2		7.4		11		83				<0.2		2.5	
					Middle	4.3	0.3	48	27.2	27.2	8.3	8.3	20.0	20.0	87.8	87.9	6.2		10.8		10		85				<0.2		2.8	
						4.3	0.3	50	27.2		8.3		20.0		87.9		6.2		10.8		10		86				<0.2		2.8	
					Bottom	7.5	0.6	68	27.1	27.1	8.3	8.3	23.1	23.1	88.6	88.7	6.2	6.2	25.2		9		86				<0.2		2.8	
						7.5	0.6	71	27.1		8.3		23.1		88.7		6.2		25.4		10		86				<0.2		2.9	

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 May 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	08:01	7.8	Surface	1.0	0.2	31	27.4	27.4	8.4	8.4	19.5	19.5	86.8	86.8	6.2	6.2	7.7	12.0	12	13	82	84	822091	808789	<0.2	<0.2	2.6	2.7
						1.0	0.2	32	27.4		8.4		19.5		86.8		6.2		7.9		13		82				<0.2		2.7	
					Middle	3.9	0.2	357	27.3	27.3	8.5	8.5	20.0	20.0	86.9	87.0	6.2		9.9		12		85				<0.2		2.7	
						3.9	0.2	328	27.3		8.5		20.1		87.0		6.2		9.8		13		85				<0.2		2.6	
					Bottom	6.8	0.2	322	27.3	27.3	8.5	8.5	20.6	20.6	87.5	87.6	6.2	6.2	18.3		14		86				<0.2		2.7	
						6.8	0.2	330	27.3		8.5		20.6		87.6		6.2		18.2		14		86				<0.2		2.6	
IM10	Sunny	Moderate	07:53	8.2	Surface	1.0	0.6	300	27.3	27.3	8.3	8.3	21.3	21.3	87.6	87.6	6.2	6.2	9.2	14.1	17	17	81	84	822397	809799	<0.2	<0.2	2.3	2.4
						1.0	0.6	305	27.3		8.3		21.3		87.5		6.2		9.3		18		82				<0.2		2.4	
					Middle	4.1	0.5	307	27.3	27.3	8.3	8.3	21.8	21.7	87.1	87.2	6.1		13.4		18		85				<0.2		2.3	
						4.1	0.5	313	27.3		8.3		21.7		87.2		6.1		13.5		16		85				<0.2		2.5	
					Bottom	7.2	0.4	317	27.2	27.2	8.3	8.3	22.5	22.5	88.0	88.1	6.2	6.2	19.3		17		86				<0.2		2.4	
						7.2	0.4	320	27.2		8.3		22.5		88.1		6.2		19.9		17		86				<0.2		2.5	
IM11	Sunny	Moderate	07:43	8.4	Surface	1.0	0.6	314	27.2	27.2	8.0	8.0	21.7	21.7	85.9	85.9	6.0	6.0	9.4	18.2	13	14	81	84	822061	811488	<0.2	<0.2	2.3	2.3
						1.0	0.6	340	27.2		8.0		21.7		85.9		6.0		9.4		13		82				<0.2		2.3	
					Middle	4.2	0.5	305	26.9	26.9	8.0	8.0	23.6	23.6	83.9	84.0	5.9		19.1		14		83				<0.2		2.3	
						4.2	0.5	312	26.9		8.0		23.6		84.0		5.9		18.9		14		84				<0.2		2.3	
					Bottom	7.4	0.3	293	26.8	26.8	8.0	8.0	24.3	24.3	83.9	84.0	5.9	5.9	26.2		13		85				<0.2		2.3	
						7.4	0.4	303	26.8		8.0		24.3		84.1		5.9		26.2		15		86				<0.2		2.2	
IM12	Sunny	Moderate	07:36	9.6	Surface	1.0	0.7	275	27.2	27.2	8.0	8.0	22.2	22.2	86.0	86.0	6.0	6.0	15.1	20.7	22	22	82	84	821454	812049	<0.2	<0.2	2.8	2.6
						1.0	0.7	275	27.2		8.0		22.2		86.0		6.0		15.7		22		82				<0.2		2.9	
					Middle	4.8	0.6	282	27.1	27.1	7.9	7.9	22.5	22.5	84.9	84.9	6.0		22.2		23		83				<0.2		2.6	
						4.8	0.6	306	27.1		7.9		22.5		84.8		6.0		22.9		22		84				<0.2		2.7	
					Bottom	8.6	0.4	252	26.9	26.9	7.9	7.9	23.5	23.5	84.5	84.6	5.9	5.9	24.1		21		86				<0.2		2.5	
						8.6	0.4	276	26.9		7.9		23.5		84.7		5.9		24.5		22		86				<0.2		2.2	
SR2	Fine	Calm	07:05	4.9	Surface	1.0	0.3	308	27.2	27.2	7.9	7.9	22.0	22.0	86.4	86.5	6.1	6.1	10.8	11.6	11	11	81	83	821444	814158	<0.2	<0.2	3.6	3.5
						1.0	0.3	337	27.2		7.9		22.0		86.5		6.1		10.9		11		82				<0.2		3.5	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.9	0.3	311	27.2	27.2	7.9	7.9	22.2	22.2	87.3	87.3	6.1	6.1	12.4		12		85				<0.2		3.5	
						3.9	0.4	317	27.2		7.9		22.3		87.3		6.1		12.5		11		85				<0.2		3.5	
SR3	Sunny	Moderate	08:14	9.8	Surface	1.0	0.5	38	27.5	27.5	8.1	8.1	19.1	19.1	90.0	90.0	6.4	6.3	6.1	13.4	9	9	-	-	822132	807598	-	-	-	-
						1.0	0.6	41	27.5		8.1		19.1		90.0		6.4		6.2		9		-				-		-	
					Middle	4.9	0.6	24	27.0	27.0	8.1	8.1	23.4	23.4	88.9	88.9	6.2		13.5		9		-				-		-	
						4.9	0.6	24	27.0		8.1		23.4		88.9		6.2		13.6		8		-				-		-	
					Bottom	8.8	0.5	18	27.0	27.0	8.1	8.1	23.5	23.4	89.8	89.9	6.3	6.3	20.5		10		-				-		-	
						8.8	0.5	19	27.0		8.1		23.4		89.9		6.3		20.7		10		-				-		-	
SR4A	Cloudy	Calm	07:34	9.5	Surface	1.0	0.5	57	27.1	27.1	8.1	8.1	22.2	22.2	96.4	96.4	6.8	6.8	19.4	20.6	12	15	-	-	817191.292	807778.39	-	-	-	-
						1.0	0.5	57	27.1		8.1		22.2		96.4		6.8		19.4		13		-				-		-	
					Middle	4.8	0.4	50	27.1	27.1	8.2	8.2	23.2	23.2	96.4	96.4	6.7		20.1		16		-				-		-	
						4.8	0.4	51	27.1		8.2		23.2		96.4		6.7		20.1		17		-				-		-	
					Bottom	8.5	0.3	51	27.1	27.1	8.2	8.2	23.3	23.3	99.1	99.1	6.9	6.9	22.2		16		-				-		-	
						8.5	0.3	51	27.1		8.2		23.3		99.1		6.9		22.2		16		-				-		-	
SR5A	Cloudy	Calm	07:48	5.2	Surface	1.0	0.2	136	27.6	27.6	8.1	8.1	22.6	22.6	95.2	95.2	6.6	6.6	14.2	14.6	9	9	-	-	816623.489	810683.35	-	-	-	-
						1.0	0.2	149	27.6		8.1		22.6		95.2		6.6		14.2		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.2	0.1	134	27.6	27.6	8.1	8.1	22.7	22.7	99.3	99.3	6.9	6.9	14.9		10		-				-		-	
						4.2	0.1	140	27.6		8.1		22.7		99.3		6.9		14.9		10		-				-		-	
SR6	Cloudy	Calm	08:11	5.7	Surface	1.0	0.0	70	27.5	27.5	8.1	8.1	21.1	21.1	93.3	93.3	6.6	6.6	12.3	12.3	8	7	-	-	817921.168	814644.86	-	-	-	-
						1.0	0.0	72	27.5		8.1		21.1		93.3		6.6		12.3		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.7	0.1	94	27.5	27.5	8.1	8.1	22.2	22.2	95.1	95.1	6.6	6.6	12.3		6		-				-		-	
						4.7	0.1	94	27.5		8.1		22.2		95.1		6.6		12.3		8		-				-		-	
SR7	Fine	Calm	06:19	19.8	Surface	1.0	0.1	245	27.1	27.1	7.8	7.8	22.7	22.7	87.4	87.4	6.1	6.0	4.3	6.6	4	5	-	-	823645	823735	-	-	-	-
						1.0	0.1	247	27.1		7.8		22.7		87.4		6.1		4.2		5		-				-		-	
					Middle	9.9	0.2	48	26.4	26.4	7.8	7.8	26.6	26.6	84.7	84.7	5.9		5.8		4		-				-		-	
						9.9	0.2	51	26.4		7.8		26.6		84.7		5.9		5.9		5		-				-		-	
					Bottom	18.8	0.2	175	25.8	25.8	7.8	7.8	29.5	29.5	83.8	83.8	5.8	5.8	9.5		8		-				-		-	
						18.8	0.3	182	25.8		7.8		29.5		83.8		5.8		9.7		6		-				-		-	
SR8	Sunny	Calm	07:25	4.1	Surface	1.0	-	-	27.3	27.3	7.9	7.9	22.0	22.0	86.1	86.1	6.0	6.0	11.2	14.4	9	8	-	-	820246	811418	-	-	-	-
						1.0	-	-	27.3		7.9		22.0		86.1		6.0		11.2		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	-	-	26.9	27.0	7.9	7.9	23.6	23.6	86.0	86.1	6.0	6.0	17.5		8		-				-		-	
						3.1	-	-	27.0		7.9		23.6		86.1		6.0		17.8		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 19 May 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	15:19	8.6	Surface	1.0	0.6	226	28.5	28.5	8.1	8.1	22.9	22.9	96.0	96.0	6.6	6.3	13.1	19.3	8	8	73	75	815602	804250	<0.2	<0.2	2.0	2.1
						1.0	0.6	238	28.5		8.1		22.9		96.0		6.6		13.1		9		73				<0.2		2.1	
					Middle	4.3	0.6	218	26.6	26.6	8.1	8.1	27.7	27.7	87.8	87.8	6.0		24.5		7		75				<0.2		2.1	
						4.3	0.6	239	26.6		8.1		27.7		87.8		6.0		24.5		7		75				<0.2		2.0	
					Bottom	7.6	0.4	216	26.4	26.4	8.1	8.1	28.9	28.9	96.0	96.0	6.6	6.6	20.4		8		77				<0.2		2.2	
						7.6	0.4	228	26.4		8.1		28.9		96.0		6.6		20.4		7		76				<0.2		2.2	
C2	Sunny	Moderate	14:09	12.3	Surface	1.0	0.5	178	28.6	28.6	8.0	8.0	19.7	19.7	94.1	94.2	6.5	6.3	12.3	15.5	9	10	72	74	825693	806974	<0.2	<0.2	3.7	3.7
						1.0	0.5	192	28.6		8.0		19.7		94.2		6.5		12.3		8		72				<0.2		3.3	
					Middle	6.2	0.5	161	27.7	27.7	8.0	8.0	22.1	22.1	86.9	86.9	6.1		15.6		10		74				<0.2		3.4	
						6.2	0.5	169	27.7		8.0		22.2		86.9		6.1		15.8		8		74				<0.2		3.6	
					Bottom	11.3	0.4	147	27.1	27.1	8.0	8.0	26.3	26.3	87.4	87.5	6.0	6.0	18.5		11		76				<0.2		3.8	
						11.3	0.4	152	27.1		8.0		26.3		87.5		6.0		18.6		11		76				<0.2		4.1	
C3	Sunny	Moderate	15:57	11.9	Surface	1.0	0.5	105	28.1	28.1	8.0	8.0	24.0	24.0	95.4	95.4	6.5	6.4	11.9	14.6	10	9	72	74	822086	817802	<0.2	<0.2	2.8	2.6
						1.0	0.5	113	28.1		8.0		24.0		95.4		6.5		11.9		9		72				<0.2		2.6	
					Middle	6.0	0.2	77	27.8	27.8	8.0	8.0	24.9	24.9	92.3	92.3	6.3		12.8		8		74				<0.2		2.8	
						6.0	0.2	79	27.8		8.0		24.9		92.3		6.3		12.9		9		75				<0.2		2.4	
					Bottom	10.9	0.2	39	26.9	26.9	8.0	8.0	27.7	27.7	86.8	86.9	5.9	6.0	19.2		10		76				<0.2		2.5	
						10.9	0.2	42	26.9		8.0		27.7		86.9		6.0		19.1		9		76				<0.2		2.3	
IM1	Sunny	Moderate	15:02	5.5	Surface	1.0	0.2	221	28.5	28.5	8.1	8.1	22.8	22.8	92.4	92.4	6.3	6.3	15.2	16.8	6	8	75	76	817972	807111	<0.2	<0.2	2.0	2.0
						1.0	0.2	242	28.5		8.1		22.8		92.4		6.3		15.2		4		75				<0.2		2.0	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.5	0.2	179	26.8	26.8	8.1	8.1	27.0	27.0	94.3	94.3	6.5	6.5	18.4		11		77				<0.2		1.9	
						4.5	0.2	184	26.8		8.1		27.0		94.3		6.5		18.4		12		78				<0.2		1.9	
IM2	Sunny	Moderate	14:56	7.7	Surface	1.0	0.4	188	28.7	28.7	8.1	8.1	22.5	22.5	91.0	91.0	6.2	6.1	13.7	16.5	7	8	73	75	818153	806152	<0.2	<0.2	2.5	2.4
						1.0	0.4	188	28.7		8.1		22.5		91.0		6.2		13.7		8		73				<0.2		2.6	
					Middle	3.9	0.4	190	26.7	26.7	8.1	8.1	27.0	27.0	85.7	85.7	5.9		17.0		8		75				<0.2		2.5	
						3.9	0.4	190	26.7		8.1		27.0		85.7		5.9		17.0		8		75				<0.2		2.4	
					Bottom	6.7	0.2	161	26.5	26.5	8.1	8.1	27.8	27.8	89.9	89.9	6.2	6.2	18.7		8		77				<0.2		2.4	
						6.7	0.2	161	26.5		8.1		27.8		89.9		6.2		18.7		8		77				<0.2		2.2	
IM3	Sunny	Moderate	14:50	8.1	Surface	1.0	0.3	202	28.1	28.1	8.1	8.1	23.3	23.3	89.4	89.4	6.1	5.9	14.9	21.5	7	8	73	75	818811	805569	<0.2	<0.2	2.3	2.4
						1.0	0.4	208	28.1		8.1		23.3		89.4		6.1		14.9		6		74				<0.2		2.4	
					Middle	4.1	0.3	179	26.9	26.9	8.1	8.1	25.9	25.9	82.8	82.8	5.7		22.9		9		74				<0.2		2.3	
						4.1	0.3	188	26.9		8.1		25.9		82.8		5.7		22.9		9		75				<0.2		2.6	
					Bottom	7.1	0.2	175	26.4	26.4	8.1	8.1	28.1	28.1	81.0	81.0	5.6	5.6	26.6		10		77				<0.2		2.5	
						7.1	0.2	182	26.4		8.1		28.1		81.0		5.6		26.6		9		77				<0.2		2.5	
IM4	Sunny	Moderate	14:40	8.3	Surface	1.0	0.4	217	28.6	28.6	8.1	8.1	22.3	22.3	84.1	84.1	5.8	5.7	21.9	20.9	7	7	74	75	819708	804591	<0.2	<0.2	2.4	2.3
						1.0	0.4	229	28.6		8.1		22.3		84.1		5.8		21.9		7		73				<0.2		2.3	
					Middle	4.2	0.4	206	26.5	26.5	8.1	8.1	27.1	27.1	81.5	81.5	5.6		20.8		6		75				<0.2		2.3	
						4.2	0.5	210	26.5		8.1		27.1		81.5		5.6		20.8		6		75				<0.2		2.3	
					Bottom	7.3	0.4	182	26.2	26.2	8.1	8.1	28.7	28.7	82.3	82.3	5.7	5.7	19.9		8		77				<0.2		2.4	
						7.3	0.4	187	26.2		8.1		28.7		82.3		5.7		19.9		7		76				<0.2		2.3	
IM5	Sunny	Moderate	14:33	7.8	Surface	1.0	0.3	185	27.7	27.7	8.1	8.1	23.7	23.6	85.7	85.6	5.9	5.8	15.5	18.8	9	8	75	77	820716	804867	<0.2	<0.2	3.0	2.9
						1.0	0.3	185	27.7		8.1		23.5		85.5		5.9		15.7		8		74				<0.2		2.8	
					Middle	3.9	0.4	181	26.5	26.5	8.1	8.1	27.1	27.1	82.5	82.6	5.7		21.1		8		76				<0.2		2.9	
						3.9	0.4	198	26.5		8.1		27.1		82.6		5.7		21.2		7		77				<0.2		2.8	
					Bottom	6.8	0.2	179	26.5	26.5	8.1	8.1	27.8	27.8	84.8	84.8	5.8	5.8	19.6		7		78				<0.2		2.9	
						6.8	0.2	180	26.5		8.1		27.8		84.8		5.8		19.6		7		79				<0.2		2.9	
IM6	Sunny	Moderate	14:12	7.6	Surface	1.0	0.2	188	27.6	27.6	8.1	8.1	22.8	22.8	87.6	87.5	6.1	6.0	14.3	16.1	8	8	75	76	821058	805845	<0.2	<0.2	2.5	2.7
						1.0	0.2	200	27.6		8.1		22.9		87.3		6.1		14.4		8		74				<0.2		2.6	
					Middle	3.8	0.3	174	26.8	26.8	8.1	8.1	25.7	25.7	84.3	84.3	5.8		17.8		9		76				<0.2		2.5	
						3.8	0.4	177	26.8		8.1		25.7		84.3		5.8		17.8		8		76				<0.2		2.9	
					Bottom	6.6	0.2	136	26.7	26.7	8.1	8.1	27.3	27.2	86.4	86.5	5.9	6.0	16.3		7		77				<0.2		2.9	
						6.6	0.2	147	26.7		8.1		27.2		86.6		6.0		16.1		7		77				<0.2		2.9	
IM7	Sunny	Moderate	14:06	9.2	Surface	1.0	0.2	110	28.3	28.3	8.1	8.1	22.5	22.5	90.3	90.2	6.2	6.1	12.1	14.6	4	5	75	76	821348	806816	<0.2	<0.2	2.6	2.5
						1.0	0.3	112	28.3		8.1		22.5		90.1		6.2		12.1		5		74				<0.2		2.5	
					Middle	4.6	0.2	67	27.1	27.1	8.1	8.1	24.9	24.9	86.4	86.5	6.0		13.4		4		76				<0.2		2.5	
						4.6	0.2	70	27.1		8.1		24.9		86.5		6.0		13.4		5		77				<0.2		2.4	
					Bottom	8.2	0.2	75	26.6	26.6	8.1	8.1	27.5	27.5	89.0	89.2	6.1	6.1	18.4		5		77				<0.2		2.6	
						8.2	0.2	79	26.6		8.1		27.5		89.3		6.1		18.2		4		77				<0.2		2.4	
IM8	Sunny	Moderate	14:35	8.1	Surface	1.0	0.3	141	28.7	28.7	8.0	8.0	20.1	20.1	97.0	96.9	6.7	6.4	12.1	16.0	6	7	73	75	821819	808110	<0.2	<0.2	2.8	2.8
						1.0	0.3	149	28.7		8.0		20.1		96.8		6.7		12.1		6		72				<0.2		2.6	
					Middle	4.1	0.2	96	27.7	27.7	8.0	8.0	22.6	22.6	88.1	88.1	6.1		16.1		8		75				<0.2		2.8	
						4.1	0.2	100	27.7		8.0		22.6		88.1		6.1		16.2		8		74				<0.2		2.8	
					Bottom	7.1	0.3	65	26.9	26.9	8.0	8.0	26.2	26.2	85.4	85.4	5.9	5.9	19.8		9		77				<0.2		2.8	
						7.1	0.3	70	26.9		8.0		26.2		85.4		5.9		19.7		7		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 19 May 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	14:42	7.8	Surface	1.0	0.3	108	29.1	29.1	8.0	8.0	20.0	20.0	99.2	99.2	6.8	6.5	11.5	15.4	5	7	73	75	822092	808835	<0.2	<0.2	2.6	2.7
						1.0	0.3	113	29.1		8.0		20.0		99.2		6.8		11.5		7		72				<0.2		2.7	
					Middle	3.9	0.4	124	27.5	27.5	8.0	8.0	23.5	23.5	88.7	88.7	6.2		16.9		7		75				<0.2		2.6	
						3.9	0.4	126	27.5		8.0		23.5		88.7		6.2		16.9		7		74				<0.2		2.7	
					Bottom	6.8	0.3	99	27.3	27.3	8.0	8.0	24.2	24.2	90.1	90.2	6.2	6.3	17.8		7		77				<0.2		2.6	
						6.8	0.3	101	27.3		8.0		24.2		90.3		6.3		17.8		6		76				<0.2		2.7	
IM10	Sunny	Moderate	14:49	7.9	Surface	1.0	0.8	116	28.9	28.9	8.0	8.0	20.6	20.6	97.3	97.3	6.7	6.4	12.7	17.1	9	9	73	74	822383	809794	<0.2	<0.2	2.5	2.6
						1.0	0.8	118	28.9		8.0		20.6		97.3		6.7		12.7		9		72				<0.2		2.5	
					Middle	4.0	0.7	107	27.4	27.4	8.0	8.0	23.7	23.7	87.8	87.9	6.1		17.2		8		74				<0.2		2.5	
						4.0	0.7	114	27.4		8.0		23.7		87.9		6.1		17.3		10		75				<0.2		2.8	
					Bottom	6.9	0.5	95	27.3	27.3	8.0	8.0	24.3	24.2	88.4	88.5	6.1	6.1	21.3		9		76				<0.2		2.6	
						6.9	0.5	97	27.3		8.0		24.2		88.5		6.1		21.4		9		76				<0.2		2.5	
IM11	Sunny	Moderate	14:59	8.6	Surface	1.0	0.7	124	28.6	28.6	8.0	8.0	20.4	20.4	94.9	94.8	6.6	6.5	14.0	15.6	9	9	73	75	822081	811446	<0.2	<0.2	2.6	2.7
						1.0	0.7	129	28.6		8.0		20.4		94.7		6.6		14.1		9		72				<0.2		2.7	
					Middle	4.3	0.6	112	27.9	27.9	8.0	8.0	21.9	21.9	90.6	90.6	6.3		15.4		10		75				<0.2		2.7	
						4.3	0.6	113	27.9		8.0		21.9		90.6		6.3		14.9		9		75				<0.2		2.7	
					Bottom	7.6	0.3	99	27.6	27.6	8.0	8.0	23.6	23.6	90.2	90.3	6.2	6.2	17.6		9		76				<0.2		2.8	
						7.6	0.4	108	27.6		8.0		23.6		90.3		6.2		17.7		9		77				<0.2		2.7	
IM12	Sunny	Moderate	15:07	10.0	Surface	1.0	0.7	116	28.7	28.7	8.0	8.0	20.7	20.7	97.3	97.3	6.7	6.6	11.9	15.0	7	7	72	75	821483	812074	<0.2	<0.2	2.7	2.6
						1.0	0.7	118	28.7		8.0		20.7		97.2		6.7		11.9		6		73				<0.2		2.5	
					Middle	5.0	0.6	97	28.2	28.2	8.0	8.0	21.9	21.9	94.0	94.0	6.5		13.7		6		75				<0.2		2.6	
						5.0	0.6	97	28.2		8.0		21.9		94.0		6.5		13.7		6		74				<0.2		2.6	
					Bottom	9.0	0.4	82	28.0	27.9	8.0	8.0	23.0	23.0	92.4	92.4	6.4	6.4	19.2		7		76				<0.2		2.7	
						9.0	0.4	86	27.9		8.0		23.0		92.4		6.4		19.3		8		77				<0.2		2.6	
SR2	Sunny	Moderate	15:38	3.6	Surface	1.0	0.4	86	28.1	28.1	8.0	8.0	22.0	22.0	92.3	92.3	6.4	6.4	15.2	15.7	6	7	72	74	821441	814145	<0.2	<0.2	2.8	2.8
						1.0	0.5	94	28.1		8.0		22.0		92.2		6.4		15.2		6		73				<0.2		2.7	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.6	0.3	76	28.0	28.0	8.0	8.0	22.5	22.5	92.3	92.3	6.4	6.4	16.7		6		75				<0.2		2.9	
						2.6	0.3	76	28.0		8.0		22.5		92.3		6.4		15.8		8		74				<0.2		2.8	
SR3	Sunny	Moderate	14:29	9.4	Surface	1.0	0.2	164	28.5	28.5	8.0	8.0	20.3	20.3	95.2	95.2	6.6	6.4	12.1	14.3	7	9	-	-	822137	807573	-	-	-	-
						1.0	0.2	179	28.5		8.0		20.3		95.2		6.6		12.1		8		-				-		-	
					Middle	4.7	0.1	124	27.6	27.6	8.0	8.0	23.0	23.0	89.2	89.2	6.2		14.2		10		-				-		-	
						4.7	0.1	132	27.6		8.0		23.0		89.1		6.2		14.4		9		-				-		-	
					Bottom	8.4	0.3	27	26.9	26.9	8.0	8.0	26.4	26.4	88.1	88.2	6.1	6.1	16.4		9		-				-		-	
						8.4	0.3	27	26.9		8.0		26.4		88.3		6.1		16.5		9		-				-		-	
SR4A	Sunny	Calm	15:44	8.9	Surface	1.0	0.2	132	28.3	28.3	8.1	8.1	23.2	23.2	85.5	85.5	5.9	5.8	15.9	19.6	6	7	-	-	817185	807839	-	-	-	-
						1.0	0.2	137	28.3		8.1		23.2		85.5		5.9		15.9		6		-				-		-	
					Middle	4.5	0.2	93	26.6	26.6	8.1	8.1	27.4	27.4	82.9	82.9	5.7		21.2		7		-				-		-	
						4.5	0.2	93	26.6		8.1		27.4		82.9		5.7		21.2		7		-				-		-	
					Bottom	7.9	0.1	110	26.6	26.6	8.1	8.1	27.6	27.6	85.4	85.4	5.9	5.9	21.7		7		-				-		-	
						7.9	0.1	119	26.6		8.1		27.6		85.4		5.9		21.7		7		-				-		-	
SR5A	Sunny	Calm	16:01	3.6	Surface	1.0	0.0	233	28.5	28.5	8.1	8.1	21.9	21.9	94.9	94.9	6.5	6.5	13.7	15.5	7	8	-	-	816576	810722	-	-	-	-
						1.0	0.0	234	28.5		8.1		21.9		94.9		6.5		13.7		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.6	0.0	240	28.4	28.4	8.1	8.1	22.0	22.0	98.0	98.0	6.7	6.7	17.3		8		-				-		-	
						2.6	0.0	262	28.4		8.1		22.0		98.0		6.7		17.3		8		-				-		-	
SR6	Sunny	Calm	16:24	4.3	Surface	1.0	0.1	41	29.0	28.9	8.1	8.1	21.4	21.4	103.5	103.5	7.1	7.1	11.2	10.6	6	6	-	-	817890	814657	-	-	-	-
						1.0	0.1	43	28.9		8.1		21.4		103.4		7.1		11.3		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.1	0	28.8	28.8	8.1	8.1	21.5	21.5	106.6	106.6	7.3	7.3	10.0		7		-				-		-	
						3.3	0.1	0	28.8		8.1		21.5		106.6		7.3		10.0		6		-				-		-	
SR7	Sunny	Moderate	16:25	18.8	Surface	1.0	0.3	354	27.9	27.9	8.0	8.0	24.4	24.4	95.7	95.7	6.6	6.4	12.1	14.3	8	9	-	-	823638	823751	-	-	-	-
						1.0	0.3	326	27.9		8.0		24.4		95.6		6.5		12.1		9		-				-		-	
					Middle	9.4	0.3	15	27.8	27.8	8.0	8.0	24.9	24.9	92.7	92.7	6.3		12.6		10		-				-		-	
						9.4	0.4	16	27.8		8.0		24.9		92.7		6.3		12.7		9		-				-		-	
					Bottom	17.8	0.3	29	26.8	26.8	8.0	8.0	27.9	27.9	89.0	89.1	6.1	6.1	18.1		8		-				-		-	
						17.8	0.3	31	26.8		8.0		27.9		89.2		6.1		18.0		9		-				-		-	
SR8	Sunny	Moderate	15:23	4.0	Surface	1.0	-	-	28.7	28.7	8.1	8.1	21.9	21.9	97.5	97.6	6.7	6.7	12.1	12.8	7	8	-	-	820246	811418	-	-	-	-
						1.0	-	-	28.7		8.1		21.9		97.6		6.7		12.1		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	28.5	28.5	8.1	8.1	22.1	22.1	96.5	96.5	6.6	6.6	13.5		8		-				-		-	
						3.0	-	-	28.5		8.1		22.1		96.5		6.6		13.5		8		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 19 May 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	Calm	09:07	9.2	Surface	1.0	0.6	14	27.3	27.3	8.1	8.1	22.4	22.4	88.4	88.4	6.2	5.9	16.0	20.2	10	10	73	75	815603	804246	<0.2	<0.2	2.4	2.3
						1.0	0.7	14	27.3		8.1		22.4		88.4		6.2		16.0		10		73				<0.2		2.1	
					Middle	4.6	0.7	17	26.5	26.5	8.1	8.1	28.0	28.0	82.0	82.0	5.6		19.5		10		74				<0.2		2.2	
						4.6	0.7	18	26.5		8.1		28.0		82.0		5.6		19.5		9		75				<0.2		2.2	
					Bottom	8.2	0.4	23	26.2	26.2	8.1	8.1	29.0	29.0	82.5	82.5	5.7	5.7	25.0		9		77				<0.2		2.4	
						8.2	0.4	24	26.2		8.1		29.0		82.5		5.7		25.0		11		76				<0.2		2.3	
C2	Fine	Moderate	09:48	12.4	Surface	1.0	0.6	2	27.9	27.9	7.9	7.9	17.9	17.9	89.2	89.2	6.3	6.2	13.0	15.0	6	6	73	75	825681	806946	<0.2	<0.2	3.8	3.4
						1.0	0.6	2	27.9		7.9		18.0		89.2		6.3		13.0		7		73				<0.2		3.6	
					Middle	6.2	0.5	358	27.9	27.9	7.9	7.9	20.8	20.8	87.6	87.6	6.1		14.9		6		75				<0.2		3.1	
						6.2	0.6	329	27.9		7.9		20.8		87.5		6.1		14.8		6		75				<0.2		3.2	
					Bottom	11.4	0.5	326	27.5	27.5	8.0	8.0	23.6	23.5	85.6	85.6	5.9	5.9	17.1		5		77				<0.2		3.4	
						11.4	0.5	339	27.5		8.0		23.5		85.6		5.9		17.0		6		76				<0.2		3.2	
C3	Fine	Moderate	07:58	11.7	Surface	1.0	0.5	260	27.9	27.9	8.1	8.1	21.7	21.7	91.6	91.6	6.4	6.4	9.9	10.0	6	5	72	74	822136	817818	<0.2	<0.2	2.5	2.4
						1.0	0.5	272	27.9		8.1		21.7		91.6		6.4		9.9		6		73				<0.2		2.4	
					Middle	5.9	0.7	262	27.8	27.8	8.1	8.1	22.5	22.5	90.2	90.2	6.3		10.2		4		74				<0.2		2.4	
						5.9	0.7	263	27.8		8.1		22.5		90.1		6.3		10.2		4		75				<0.2		2.5	
					Bottom	10.7	0.5	282	27.4	27.4	8.1	8.1	24.9	24.9	89.7	89.7	6.2	6.2	9.9		4		76				<0.2		2.5	
						10.7	0.5	300	27.4		8.1		24.9		89.6		6.2		9.7		5		76				<0.2		2.2	
IM1	Sunny	Calm	09:24	5.8	Surface	1.0	0.5	348	27.6	27.6	8.1	8.1	23.2	23.2	87.9	87.9	6.1	6.1	17.4	19.8	6	8	75	76	817940	807158	<0.2	<0.2	1.9	2.0
						1.0	0.5	320	27.6		8.1		23.2		87.9		6.1		17.4		6		74				<0.2		2.0	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.8	0.2	353	27.2	27.2	8.1	8.1	24.8	24.8	86.1	86.1	6.0	6.0	22.2		10		77				<0.2		2.0	
						4.8	0.2	325	27.2		8.1		24.8		86.1		6.0		22.2		11		76				<0.2		2.1	
IM2	Sunny	Moderate	09:32	8.1	Surface	1.0	0.5	7	27.8	27.8	8.1	8.1	22.0	22.0	89.9	89.9	6.3	6.2	16.7	19.3	4	6	73	75	818140	806177	<0.2	<0.2	2.2	2.0
						1.0	0.5	7	27.8		8.1		22.0		89.9		6.3		16.7		3		73				<0.2		2.1	
					Middle	4.1	0.5	10	27.1	27.1	8.1	8.1	24.3	24.3	87.0	87.0	6.0		18.8		5		74				<0.2		1.9	
						4.1	0.6	10	27.1		8.1		24.3		87.0		6.0		18.8		6		75				<0.2		1.9	
					Bottom	7.1	0.5	2	27.3	27.3	8.1	8.1	25.2	25.2	97.2	97.2	6.7	6.7	22.3		8		77				<0.2		1.9	
						7.1	0.5	2	27.3		8.1		25.2		97.2		6.7		22.3		7		76				<0.2		1.9	
IM3	Sunny	Moderate	09:40	8.2	Surface	1.0	0.5	39	28.0	28.0	8.1	8.1	20.2	20.2	93.3	93.3	6.5	6.5	13.4	17.8	4	4	74	76	818809	805592	<0.2	<0.2	1.6	1.8
						1.0	0.5	41	28.0		8.1		20.2		93.3		6.5		13.4		4		75				<0.2		1.6	
					Middle	4.1	0.6	40	27.7	27.7	8.1	8.1	22.6	22.6	91.4	91.4	6.4		19.4		5		75				<0.2		1.9	
						4.1	0.7	41	27.7		8.1		22.6		91.4		6.4		19.4		4		75				<0.2		2.0	
					Bottom	7.2	0.5	37	27.2	27.2	8.1	8.1	25.9	25.9	97.0	97.0	6.7	6.7	20.6		4		77				<0.2		2.0	
						7.2	0.5	39	27.2		8.1		25.9		97.0		6.7		20.6		5		77				<0.2		1.8	
IM4	Sunny	Moderate	09:49	8.1	Surface	1.0	0.8	20	27.6	27.6	8.1	8.1	20.1	20.1	91.7	91.7	6.5	6.3	14.4	19.7	6	6	74	76	819747	804617	<0.2	<0.2	2.0	1.9
						1.0	0.8	20	27.6		8.1		20.1		91.7		6.5		14.4		4		75				<0.2		2.0	
					Middle	4.1	0.8	19	26.8	26.8	8.1	8.1	26.3	26.3	86.4	86.4	6.0		22.5		6		77				<0.2		1.9	
						4.1	0.9	19	26.8		8.1		26.3		86.4		6.0		22.5		7		76				<0.2		1.8	
					Bottom	7.1	0.5	13	26.9	26.9	8.1	8.1	26.5	26.5	94.6	94.6	6.5	6.5	22.1		7		77				<0.2		1.9	
						7.1	0.6	13	26.9		8.1		26.5		94.6		6.5		22.1		8		77				<0.2		2.0	
IM5	Sunny	Moderate	09:56	7.7	Surface	1.0	0.6	11	27.7	27.7	8.1	8.1	21.5	21.5	90.7	90.7	6.3	6.2	19.4	22.3	8	10	75	76	820724	804861	<0.2	<0.2	1.8	1.9
						1.0	0.7	11	27.7		8.1		21.5		90.7		6.3		19.4		8		74				<0.2		2.1	
					Middle	3.9	0.6	23	26.9	26.9	8.1	8.1	25.2	25.2	85.8	85.8	6.0		20.8		11		77				<0.2		1.8	
						3.9	0.7	23	26.9		8.1		25.2		85.8		6.0		20.8		11		76				<0.2		1.8	
					Bottom	6.7	0.4	5	26.8	26.8	8.1	8.1	25.9	25.9	87.9	87.9	6.1	6.1	26.7		10		77				<0.2		1.9	
						6.7	0.4	5	26.8		8.1		25.9		87.9		6.1		26.7		9		78				<0.2		1.8	
IM6	Sunny	Moderate	10:03	7.8	Surface	1.0	0.6	36	27.9	27.9	8.1	8.1	20.8	20.8	92.9	92.9	6.5	6.4	18.5	22.5	8	11	74	75	821041	805807	<0.2	<0.2	1.8	1.9
						1.0	0.6	36	27.9		8.1		20.8		92.9		6.5		18.5		8		74				<0.2		1.9	
					Middle	3.9	0.4	36	27.6	27.6	8.1	8.1	22.1	22.1	90.0	90.0	6.3		23.3		11		75				<0.2		2.0	
						3.9	0.4	38	27.6		8.1		22.1		90.0		6.3		23.3		12		75				<0.2		1.8	
					Bottom	6.8	0.3	26	27.2	27.2	8.1	8.1	23.7	23.7	91.8	91.8	6.4	6.4	25.8		14		77				<0.2		1.8	
						6.8	0.3	27	27.2		8.1		23.7		91.8		6.4		25.8		15		76				<0.2		1.8	
IM7	Sunny	Moderate	10:10	9.0	Surface	1.0	0.7	26	27.8	27.8	8.1	8.1	21.3	21.3	91.4	91.4	6.4	6.4	18.1	22.3	9	10	76	77	821362	806834	<0.2	<0.2	2.1	2.1
						1.0	0.7	26	27.8		8.1		21.3		91.4		6.4		18.1		9		77				<0.2		2.0	
					Middle	4.5	0.6	12	27.5	27.5	8.1	8.1	23.0	23.0	90.1	90.1	6.3		24.9		10		77				<0.2		2.2	
						4.5	0.6	12	27.5		8.1		23.0		90.1		6.3		24.9		10		77				<0.2		2.1	
					Bottom	8.0	0.5	23	27.5	27.5	8.1	8.1	23.1	23.1	94.3	94.3	6.6	6.6	24.0		10		78				<0.2		2.0	
						8.0	0.5	24	27.5		8.1		23.1		94.3		6.6		24.0		11		79				<0.2		2.0	
IM8	Fine	Moderate	09:23	8.2	Surface	1.0	0.1	198	28.0	28.0	8.0	8.0	18.9	18.9	90.8	90.9	6.4	6.4	16.3	18.7	10	11	73	75	821830	808128	<0.2	<0.2	2.9	2.9
						1.0	0.1	210	28.0		8.0		18.9		90.9		6.4		16.4		9		73				<0.2		3.0	
					Middle	4.1	0.2	129	28.0	28.0	8.0	8.0	19.1	19.1	90.8	90.8	6.4		20.8		11		75				<0.2		2.8	
						4.1	0.2	132	28.0		8.0		19.1		90.7		6.4		20.9		12		75				<0.2		2.9	
					Bottom	7.2	0.2	90	27.9	27.9	8.0	8.0	19.7	19.7	91.8	91.9	6.5	6.5	18.8		13		77				<0.2		2.8	
						7.2	0.2	97	27.9		8.0		19.7		91.9		6.5		18.9		12		77				<0.2		2.8	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 19 May 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	09:16	7.7	Surface	1.0	0.3	322	28.1	28.1	8.1	8.1	19.8	19.8	92.6	92.6	6.5	6.5	18.4	19.4	10	10	73	75	822103	808789	<0.2	<0.2	2.6	2.5
						1.0	0.4	344	28.1		8.1		19.8		92.6		6.5		18.4		10		73				<0.2		2.7	
					Middle	3.9	0.3	329	28.1	28.1	8.1	8.1	19.8	19.8	92.1	92.2	6.5		19.9		9		75				<0.2		2.5	
						3.9	0.3	341	28.1		8.1		19.8		92.2		6.5		20.0		9		75				<0.2		2.3	
					Bottom	6.7	0.3	331	28.0	28.0	8.1	8.1	19.9	19.9	94.0	94.1	6.6	6.6	19.9		10		77				<0.2		2.3	
						6.7	0.3	305	28.0		8.1		19.9		94.1		6.6		20.0		9		77				<0.2		2.4	
IM10	Fine	Moderate	09:07	8.9	Surface	1.0	0.6	295	28.2	28.2	8.0	8.0	19.2	19.2	93.5	93.5	6.6	6.5	12.2	15.6	5	5	73	75	822405	809823	<0.2	<0.2	2.5	2.6
						1.0	0.6	297	28.2		8.0		19.2		93.5		6.6		12.3		4		73				<0.2		2.6	
					Middle	4.5	0.6	304	27.9	27.9	8.0	8.0	20.7	20.7	90.8	90.8	6.3		15.1		4		75				<0.2		2.5	
						4.5	0.6	323	27.9		8.0		20.7		90.7		6.3		15.2		5		75				<0.2		2.5	
					Bottom	7.9	0.5	328	27.7	27.7	8.0	8.0	22.5	22.5	90.1	90.1	6.3	6.3	19.4		5		77				<0.2		2.8	
						7.9	0.5	352	27.7		8.0		22.5		90.1		6.3		19.4		6		77				<0.2		2.6	
IM11	Fine	Moderate	08:57	7.7	Surface	1.0	0.8	298	28.0	28.0	8.0	8.0	20.8	20.8	90.6	90.6	6.3	6.3	12.8	17.3	5	7	73	75	822051	811466	<0.2	<0.2	2.5	2.4
						1.0	0.8	320	28.0		8.0		20.8		90.6		6.3		12.9		6		73				<0.2		2.3	
					Middle	3.9	0.7	291	27.9	27.9	8.0	8.0	22.5	22.5	89.5	89.5	6.2		18.2		6		75				<0.2		2.5	
						3.9	0.7	304	27.9		8.0		22.5		89.5		6.2		18.4		6		75				<0.2		2.4	
					Bottom	6.7	0.4	286	27.6	27.6	8.0	8.0	23.6	23.6	90.8	90.9	6.3	6.3	20.5		10		77				<0.2		2.4	
						6.7	0.4	289	27.6		8.0		23.6		91.0		6.3		20.7		8		77				<0.2		2.3	
IM12	Fine	Moderate	08:51	8.9	Surface	1.0	0.7	286	28.2	28.2	8.0	8.0	20.1	20.1	93.1	93.1	6.5	6.4	12.6	15.9	6	5	73	75	821429	812062	<0.2	<0.2	2.6	2.6
						1.0	0.7	291	28.2		8.0		20.1		93.0		6.5		12.7		5		73				<0.2		2.4	
					Middle	4.5	0.7	293	27.8	27.8	8.0	8.0	22.0	22.0	90.0	90.0	6.3		14.6		5		75				<0.2		2.6	
						4.5	0.7	317	27.8		8.0		22.0		89.9		6.3		14.8		5		75				<0.2		2.5	
					Bottom	7.9	0.4	264	27.3	27.3	8.0	8.0	24.7	24.7	87.5	87.6	6.0	6.0	20.3		6		77				<0.2		2.5	
						7.9	0.4	285	27.3		8.0		24.7		87.6		6.0		20.4		5		77				<0.2		2.7	
SR2	Fine	Moderate	08:18	4.7	Surface	1.0	0.1	7	28.0	28.0	8.0	8.0	20.6	20.5	90.3	90.3	6.3	6.3	13.3	15.8	5	6	73	74	821442	814145	<0.2	<0.2	2.8	2.7
						1.0	0.1	7	28.0		8.0		20.5		90.2		6.3		13.4		5		73				<0.2		2.7	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.7	0.1	156	27.3	27.3	8.0	8.0	24.7	24.7	88.2	88.2	6.1	6.1	18.2		6		75				<0.2		2.6	
						3.7	0.1	159	27.3		8.0		24.8		88.2		6.1		18.2		6		75				<0.2		2.6	
SR3	Fine	Moderate	09:30	9.6	Surface	1.0	0.2	348	28.2	28.2	8.0	8.0	18.3	18.3	92.5	92.5	6.5	6.5	13.0	16.7	5	6	-	-	822120	807574	-	-	-	-
						1.0	0.2	358	28.2		8.0		18.3		92.5		6.5		13.0		6		-				-		-	
					Middle	4.8	0.5	10	27.9	27.9	8.1	8.1	20.6	20.6	91.2	91.2	6.4		16.3		5		-				-		-	
						4.8	0.5	10	27.9		8.1		20.6		91.2		6.4		16.2		6		-				-		-	
					Bottom	8.6	0.5	18	27.8	27.8	8.1	8.1	20.9	20.9	91.6	91.6	6.4	6.4	20.9		6		-				-		-	
						8.6	0.5	18	27.8		8.1		20.9		91.5		6.4		20.9		5		-				-		-	
SR4A	Sunny	Calm	08:45	9.8	Surface	1.0	0.3	276	27.9	27.9	8.1	8.1	21.4	21.4	89.4	89.4	6.2	6.2	12.6	14.7	5	6	-	-	817164	807811	-	-	-	-
						1.0	0.3	281	27.9		8.1		21.4		89.4		6.2		12.6		5		-				-		-	
					Middle	4.9	0.3	275	27.6	27.6	8.1	8.1	22.4	22.4	87.5	87.5	6.1		14.7		5		-				-		-	
						4.9	0.3	279	27.6		8.1		22.3		87.5		6.1		14.8		6		-				-		-	
					Bottom	8.8	0.0	38	27.3	27.4	8.1	8.1	24.8	24.7	88.3	89.2	6.1	6.2	16.5		8		-				-		-	
						8.8	0.0	39	27.4		8.1		24.7		90.1		6.2		16.8		8		-				-		-	
SR5A	Sunny	Calm	08:29	3.7	Surface	1.0	0.2	272	28.1	28.1	8.1	8.1	21.8	21.8	90.9	91.0	6.3	6.3	15.5	15.5	7	8	-	-	816579	810674	-	-	-	-
						1.0	0.2	285	28.1		8.1		21.8		91.0		6.3		15.5		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	0.2	269	28.0	28.0	8.1	8.1	21.8	21.8	92.6	93.7	6.4	6.5	16.3		11		-				-		-	
						2.7	0.2	288	28.0		8.1		21.8		94.8		6.6		14.5		9		-				-		-	
SR6	Sunny	Calm	08:08	4.3	Surface	1.0	0.3	276	28.1	28.1	8.0	8.0	20.9	20.9	89.7	89.7	6.2	6.2	11.5	11.6	5	7	-	-	817909	814658	-	-	-	-
						1.0	0.3	284	28.1		8.0		20.9		89.6		6.2		11.6		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.2	288	28.1	28.1	8.0	8.0	21.6	21.6	89.9	90.9	6.2	6.3	12.0		7		-				-		-	
						3.3	0.2	311	28.1		8.0		21.6		91.9		6.4		11.2		8		-				-		-	
SR7	Fine	Moderate	07:27	18.6	Surface	1.0	0.1	282	27.8	27.8	8.1	8.1	21.9	21.9	92.0	92.0	6.4	6.3	9.7	9.9	4	4	-	-	823634	823742	-	-	-	-
						1.0	0.1	300	27.8		8.1		21.9		92.0		6.4		9.7		4		-				-		-	
					Middle	9.3	0.5	198	27.3	27.3	8.1	8.1	24.9	24.9	88.4	88.4	6.1		9.2		3		-				-		-	
						9.3	0.5	213	27.3		8.1		24.9		88.3		6.1		9.3		5		-				-		-	
					Bottom	17.6	0.2	29	26.5	26.5	8.1	8.1	28.7	28.7	86.1	86.2	5.9	5.9	10.7		3		-				-		-	
						17.6	0.2	30	26.5		8.1		28.7		86.2		5.9		10.6		4		-				-		-	
SR8	Fine	Moderate	08:38	4.3	Surface	1.0	-	-	28.2	28.2	8.0	8.0	19.6	19.5	92.0	92.0	6.4	6.4	12.3	12.8	4	5	-	-	820246	811418	-	-	-	-
						1.0	-	-	28.2		8.0		19.5		92.0		6.4		12.3		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	-	-	28.0	28.0	8.0	8.0	21.2	21.2	92.1	92.2	6.4	6.4	13.3		6		-				-		-	
						3.3	-	-	28.0		8.0		21.2		92.2		6.4		13.2		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 22 May 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	18:17	8.8	Surface	1.0	0.2	242	30.1	30.1	8.4	8.4	21.3	21.3	154.3	154.0	10.4	7.8	4.4	5.9	5	6	82	85	815610	804269	<0.2	<0.2	2.0	1.6
						1.0	0.3	252	30.1		8.4		21.3		153.6		10.3		4.4		7		82				<0.2		1.9	
					Middle	4.4	0.2	251	27.0	27.0	8.0	8.0	27.8	27.8	77.8	77.9	5.3		5.6		5		85				<0.2		1.6	
						4.4	0.3	262	27.0		8.0		27.8		77.9		5.3		5.5		7		85				<0.2		1.9	
					Bottom	7.8	0.2	230	26.4	26.4	7.9	7.9	29.9	30.0	71.7	72.1	4.9	4.9	7.8		6		87				<0.2		1.2	
						7.8	0.2	239	26.4		7.9		30.0		72.4		4.9		7.9		7		87				<0.2		1.2	
C2	Sunny	Moderate	17:15	12.5	Surface	1.0	0.1	144	29.2	29.2	8.1	8.1	20.2	20.2	113.1	113.1	7.8	6.9	9.8	9.2	7	7	81	83	825671	806945	<0.2	<0.2	2.4	2.6
						1.0	0.1	153	29.2		8.1		20.2		113.0		7.8		9.8		6		81				<0.2		2.5	
					Middle	6.3	0.1	145	28.2	28.2	8.0	8.0	24.1	24.1	87.2	87.2	6.0		8.5		7		83				<0.2		2.7	
						6.3	0.1	146	28.2		8.0		24.1		87.1		5.9		8.5		6		83				<0.2		2.7	
					Bottom	11.5	0.3	129	26.8	26.8	8.0	8.0	29.0	29.0	82.0	82.1	5.6	5.6	9.4		7		85				<0.2		2.7	
						11.5	0.3	141	26.8		8.0		29.0		82.1		5.6		9.3		6		85				<0.2		2.6	
C3	Sunny	Moderate	18:55	11.7	Surface	1.0	0.2	168	29.0	29.0	8.2	8.2	22.0	22.0	116.6	116.5	8.0	7.4	9.3	10.1	7	9	81	83	822121	817817	<0.2	<0.2	2.0	2.0
						1.0	0.2	182	29.0		8.2		22.0		116.4		7.9		9.3		7		81				<0.2		2.0	
					Middle	5.9	0.1	245	28.5	28.5	8.1	8.1	23.0	23.0	99.5	99.3	6.8		9.3		8		83				<0.2		2.0	
						5.9	0.1	251	28.5		8.1		23.0		99.0		6.8		9.3		8		84				<0.2		2.0	
					Bottom	10.7	0.2	103	27.0	27.0	8.0	8.0	28.9	28.9	88.4	88.5	6.0	6.0	11.8		10		85				<0.2		1.9	
						10.7	0.2	112	27.0		8.0		28.9		88.5		6.0		11.8		12		85				<0.2		2.0	
IM1	Sunny	Moderate	17:59	5.4	Surface	1.0	0.3	170	30.4	30.4	8.3	8.3	20.3	20.3	146.7	146.4	9.9	9.9	3.9	4.6	8	7	81	83	817958	807116	<0.2	<0.2	1.9	2.0
						1.0	0.3	174	30.4		8.3		20.3		146.1		9.8		3.9		8		81				<0.2		2.0	
					Middle	-	-	-	-	-		-		-		-	-		-		-		-				-		-	
						-	-	-	-								-		-		-		-				-		-	
					Bottom	4.4	0.1	217	28.1	28.1	8.1	8.1	25.1	25.1	96.6	96.8	6.6	6.6	5.4		6		84				<0.2		1.9	
						4.4	0.1	223	28.1		8.1		25.1		97.0		6.6		5.5		7		84				<0.2		2.0	
IM2	Sunny	Moderate	17:52	7.8	Surface	1.0	0.3	194	29.9	29.9	8.3	8.3	20.4	20.4	140.2	140.0	9.5	8.0	4.5	5.5	7	8	81	83	818173	806154	<0.2	<0.2	2.1	2.3
						1.0	0.3	198	29.9		8.3		20.4		139.7		9.5		4.5		8		81				<0.2		2.0	
					Middle	3.9	0.4	175	28.0	28.0	8.0	8.0	25.2	25.2	94.5	94.3	6.4		5.4		7		83				<0.2		2.6	
						3.9	0.4	182	28.0		8.0		25.2		94.1		6.4		5.5		8		83				<0.2		2.1	
					Bottom	6.8	0.2	180	27.1	27.1	8.0	8.0	27.9	27.9	77.6	77.7	5.3	5.3	6.5		9		85				<0.2		2.8	
						6.8	0.2	183	27.1		8.0		27.9		77.8		5.3		6.5		8		85				<0.2		2.4	
IM3	Sunny	Moderate	17:45	7.9	Surface	1.0	0.2	200	29.7	29.7	8.2	8.2	18.8	18.9	135.1	134.7	9.3	7.6	5.2	8.0	8	8	81	84	818799	805617	<0.2	<0.2	2.2	1.9
						1.0	0.3	218	29.7		8.2		18.9		134.3		9.2		5.2		8		81				<0.2		2.2	
					Middle	4.0	0.2	191	27.6	27.6	8.0	8.0	26.0	26.0	87.5	87.5	6.0		5.2		8		83				<0.2		2.0	
						4.0	0.2	210	27.5		8.0		26.0		87.4		6.0		5.3		6		83				<0.2		2.1	
					Bottom	6.9	0.2	179	26.9	27.0	8.0	8.0	28.3	28.2	73.8	74.1	5.0	5.1	13.3		8		87				<0.2		1.3	
						6.9	0.2	190	27.0		8.0		28.2		74.4		5.1		13.5		9		87				<0.2		1.4	
IM4	Sunny	Moderate	17:36	8.1	Surface	1.0	0.3	199	29.6	29.6	8.2	8.2	18.5	18.5	128.8	128.5	8.9	7.3	5.0	7.8	7	10	80	83	819752	804578	<0.2	<0.2	2.4	1.9
						1.0	0.3	204	29.6		8.2		18.5		128.2		8.8		5.1		7		80				<0.2		2.4	
					Middle	4.1	0.1	189	27.4	27.4	8.0	8.0	26.0	26.0	82.6	82.6	5.7		5.8		11		82				<0.2		2.0	
						4.1	0.1	206	27.4		8.0		26.0		82.6		5.7		5.9		10		83				<0.2		2.0	
					Bottom	7.1	0.1	144	26.6	26.6	8.0	8.0	29.3	29.3	72.3	72.5	4.9	5.0	12.4		12		85				<0.2		1.4	
						7.1	0.1	144	26.6		8.0		29.3		72.7		5.0		12.4		12		85				<0.2		1.4	
IM5	Sunny	Moderate	17:29	7.6	Surface	1.0	0.3	200	29.6	29.6	8.2	8.2	17.0	17.0	123.6	123.5	8.6	6.8	5.5	10.3	6	10	80	83	820717	804861	<0.2	<0.2	2.5	2.1
						1.0	0.4	215	29.6		8.2		17.1		123.3		8.5		5.5		7		81				<0.2		2.6	
					Middle	3.8	0.2	209	27.1	27.1	7.9	7.9	27.1	27.1	74.9	74.9	5.1		11.2		7		83				<0.2		2.6	
						3.8	0.2	223	27.0		7.9		27.1		74.9		5.1		11.2		6		83				<0.2		2.5	
					Bottom	6.6	0.2	197	26.6	26.6	7.9	7.9	29.1	29.1	67.3	67.4	4.6	4.6	14.3		17		85				<0.2		1.2	
						6.6	0.2	216	26.6		7.9		29.1		67.5		4.6		14.4		15		85				<0.2		1.2	
IM6	Sunny	Moderate	17:21	7.4	Surface	1.0	0.2	191	29.3	29.3	8.1	8.1	18.9	18.9	119.0	119.1	8.2	6.9	5.3	9.5	10	10	82	85	821048	805825	<0.2	<0.2	2.5	2.0
						1.0	0.2	209	29.3		8.1		18.9		119.2		8.2		5.4		10		83				<0.2		2.5	
					Middle	3.7	0.2	212	27.5	27.5	8.0	8.0	25.7	25.7	81.8	81.8	5.6		7.7		8		84				<0.2		2.3	
						3.7	0.2	228	27.5		8.0		25.7		81.7		5.6		7.8		8		84				<0.2		2.2	
					Bottom	6.4	0.1	166	26.9	26.9	7.9	7.9	28.4	28.4	72.5	72.6	4.9	5.0	15.3		12		87				<0.2		1.2	
						6.4	0.1	169	26.9		7.9		28.4		72.7		5.0		15.5		10		88				<0.2		1.4	
IM7	Sunny	Moderate	17:16	8.8	Surface	1.0	0.1	155	29.8	29.8	8.1	8.1	18.4	18.4	119.4	119.4	8.2	6.9	5.0	6.0	7	8	80	83	821329	806846	<0.2	<0.2	2.6	2.0
						1.0	0.1	158	29.8		8.1		18.3		119.3		8.2		5.0		7		81				<0.2		2.6	
					Middle	4.4	0.2	208	27.9	27.9	8.0	8.0	23.4	23.4	80.0	80.2	5.5		6.0		6		83				<0.2		1.9	
						4.4	0.2	210	27.9		8.0		23.4		80.3		5.5		6.0		8		83				<0.2		1.9	
					Bottom	7.8	0.1	56	27.4	27.4	8.0	8.0	26.5	26.5	80.2	80.4	5.5	5.5	7.1		8		84				<0.2		1.6	
						7.8	0.1	56	27.3		8.0		26.5		80.6		5.5		7.0		10		85				<0.2		1.6	
IM8	Sunny	Moderate	17:39	8.0	Surface	1.0	0.2	142	30.0	30.0	8.3	8.3	18.5	18.5	121.8	121.6	8.3	7.1	9.8	11.0	7	6	81	84	821853	808149	<0.2	<0.2	2.5	2.6
						1.0	0.3	153	30.0		8.3		18.5		121.4		8.3		9.8		5		81				<0.2		2.5	
					Middle	4.0	0.2	105	28.0	28.0	8.0	8.0	23.9	23.9	85.7	85.8	5.9		11.1		5		84				<0.2		2.6	
						4.0	0.2	112	28.0		8.0		23.9		85.8		5.9		11.1		5		83				<0.2		2.6	
					Bottom	7.0	0.2	49	27.5	27.5	8.1	8.1	26.4	26.4	84.7	84.8	5.8	5.8	12.2		6		86				<0.2		2.6	
						7.0	0.2	50	27.5		8.1		26.4		84.8		5.8		12.2		7		86				<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**
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 22 May 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	17:45	7.5	Surface	1.0	0.3	110	29.1	29.1	8.1	8.1	20.3	20.3	106.5	106.4	7.3	6.8	10.0	10.7	5	6	82	84	822078	808824	<0.2	<0.2	2.5	2.5
						1.0	0.3	111	29.1		8.1		20.3		106.2		7.3		10.0		6		81				<0.2		2.5	
					Middle	3.8	0.4	107	28.2	28.2	8.1	8.1	22.8	22.8	90.1	90.1	6.2		10.6		6		84				<0.2		2.4	
						3.8	0.4	115	28.2		8.1		22.8		90.1		6.2		10.6		6		83				<0.2		2.5	
					Bottom	6.5	0.3	84	28.0	28.0	8.1	8.1	24.6	24.6	94.4	94.5	6.5	6.5	11.5		6		86				<0.2		2.5	
						6.5	0.3	85	28.0		8.1		24.6		94.6		6.5		11.5		4		86				<0.2		2.5	
IM10	Sunny	Moderate	17:53	7.6	Surface	1.0	0.3	133	29.3	29.3	8.1	8.1	20.6	20.6	101.5	101.4	6.9	6.5	9.7	11.8	4	5	81	83	822396	809776	<0.2	<0.2	2.4	2.6
						1.0	0.3	139	29.3		8.1		20.6		101.3		6.9		9.7		5		81				<0.2		2.4	
					Middle	3.8	0.3	130	28.1	28.1	8.1	8.1	23.3	23.3	88.1	88.1	6.1		11.5		4		83				<0.2		3.2	
						3.8	0.3	137	28.1		8.1		23.3		88.1		6.0		11.6		6		84				<0.2		2.4	
					Bottom	6.6	0.3	67	28.0	28.0	8.1	8.1	24.6	24.6	90.7	90.8	6.2	6.2	14.2		6		85				<0.2		2.4	
						6.6	0.3	72	28.0		8.1		24.6		90.9		6.2		14.3		6		86				<0.2		2.5	
IM11	Sunny	Moderate	18:02	6.8	Surface	1.0	0.4	124	29.7	29.7	8.2	8.2	19.8	19.8	113.8	113.7	7.8	7.1	9.6	10.8	4	4	81	84	822037	811432	<0.2	<0.2	2.5	2.5
						1.0	0.4	131	29.7		8.2		19.8		113.6		7.7		9.6		3		81				<0.2		2.5	
					Middle	3.4	0.3	113	28.7	28.7	8.1	8.1	21.7	21.7	95.3	95.2	6.5		10.8		5		84				<0.2		2.4	
						3.4	0.3	122	28.7		8.1		21.7		95.1		6.5		10.8		4		84				<0.2		2.4	
					Bottom	5.8	0.3	108	28.0	28.0	8.1	8.0	24.2	24.2	88.6	88.8	6.1	6.1	12.1		4		86				<0.2		2.5	
						5.8	0.3	115	28.0		8.0		24.2		88.9		6.1		12.1		3		86				<0.2		2.4	
IM12	Sunny	Moderate	18:10	9.8	Surface	1.0	0.5	115	29.4	29.4	8.2	8.2	20.0	20.0	112.0	111.8	7.7	6.9	10.0	11.4	5	5	81	84	821440	812022	<0.2	<0.2	2.1	2.2
						1.0	0.5	121	29.4		8.2		20.0		111.6		7.6		10.0		4		82				<0.2		2.2	
					Middle	4.9	0.5	110	28.5	28.5	8.1	8.1	22.2	22.2	90.9	90.9	6.2		11.0		6		84				<0.2		2.2	
						4.9	0.5	113	28.5		8.1		22.2		90.8		6.2		11.0		5		83				<0.2		2.2	
					Bottom	8.8	0.3	97	27.0	27.0	8.0	8.0	27.9	27.9	81.9	82.1	5.6	5.6	13.2		6		86				<0.2		2.1	
						8.8	0.4	99	27.0		8.0		27.9		82.2		5.6		13.2		6		86				<0.2		2.2	
SR2	Sunny	Moderate	18:37	4.2	Surface	1.0	0.4	100	29.1	29.1	8.1	8.1	20.9	20.9	107.9	108.0	7.4	7.4	9.7	10.6	3	5	81	82	821492	814164	<0.2	<0.2	2.2	2.2
						1.0	0.5	101	29.1		8.1		20.9		108.0		7.4		9.7		4		81				<0.2		2.2	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.3	93	28.4	28.4	8.1	8.1	22.7	22.7	94.6	94.7	6.5	6.5	11.4		6		84				<0.2		2.2	
						3.2	0.4	97	28.4		8.1		22.7		94.7		6.5		11.4		6		83				<0.2		2.2	
SR3	Sunny	Moderate	17:33	9.3	Surface	1.0	0.2	183	29.6	29.6	8.2	8.2	19.2	19.2	116.4	116.1	8.0	6.8	9.9	12.3	5	6	-	-	822171	807587	-	-	-	-
						1.0	0.2	199	29.6		8.2		19.2		115.7		7.9		9.9		7		-				-		-	
					Middle	4.7	0.3	173	27.9	27.8	8.0	8.0	24.0	24.0	81.1	81.2	5.6		11.8		6		-				-		-	
						4.7	0.3	173	27.8		8.0		24.0		81.2		5.6		11.9		7		-				-		-	
					Bottom	8.3	0.1	28	27.3	27.3	8.0	8.0	27.1	27.1	82.2	82.3	5.6	5.6	15.0		6		-				-		-	
						8.3	0.1	30	27.3		8.0		27.1		82.3		5.6		15.0		5		-				-		-	
SR4A	Sunny	Calm	18:38	8.5	Surface	1.0	0.2	84	30.1	30.1	8.3	8.3	20.6	20.6	143.5	143.2	9.7	7.5	4.2	8.7	5	6	-	-	817172	807820	-	-	-	-
						1.0	0.2	84	30.1		8.3		20.6		142.9		9.6		4.2		6		-				-		-	
					Middle	4.3	0.2	84	27.3	27.4	8.0	8.0	27.1	27.0	78.5	78.6	5.4		9.0		5		-				-		-	
						4.3	0.2	89	27.4		8.0		27.0		78.7		5.4		8.9		6		-				-		-	
					Bottom	7.5	0.2	93	27.3	27.3	8.0	8.0	27.6	27.6	76.1	77.9	5.2	5.3	13.2		6		-				-		-	
						7.5	0.2	99	27.3		8.0		27.6		79.7		5.4		12.9		6		-				-		-	
SR5A	Sunny	Calm	18:55	3.9	Surface	1.0	0.0	32	29.9	29.9	8.4	8.4	21.9	21.9	159.1	159.1	10.7	10.7	5.1	5.2	9	10	-	-	816566	810689	-	-	-	-
						1.0	0.0	33	29.9		8.4		21.9		159.0		10.7		5.1		10		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	0.0	358	29.9	29.9	8.3	8.3	22.0	22.0	153.7	153.3	10.3	10.3	5.2		9		-				-		-	
						2.9	0.0	329	29.8		8.3		22.0		152.8		10.3		5.2		11		-				-		-	
SR6	Sunny	Calm	19:17	4.2	Surface	1.0	0.1	27	29.5	29.5	8.3	8.3	21.4	21.4	149.3	149.2	10.1	10.1	6.0	7.5	8	8	-	-	817912	814686	-	-	-	-
						1.0	0.1	27	29.5		8.3		21.4		149.1		10.1		6.1		9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.1	69	28.5	28.5	7.9	7.9	22.8	22.8	82.0	82.2	5.6	5.6	9.0		8		-				-		-	
						3.2	0.1	75	28.5		7.9		22.8		82.3		5.6		8.8		8		-				-		-	
SR7	Sunny	Moderate	19:24	18.8	Surface	1.0	0.6	94	29.1	29.1	8.3	8.3	21.7	21.7	127.5	127.5	8.7	8.0	9.2	9.1	5	5	-	-	823608	823717	-	-	-	-
						1.0	0.6	98	29.1		8.3		21.8		127.4		8.7		9.2		4		-				-		-	
					Middle	9.4	0.4	92	28.6	28.6	8.1	8.1	23.8	23.8	105.4	105.4	7.2		9.1		5		-				-		-	
						9.4	0.4	95	28.6		8.1		23.7		105.4		7.2		9.1		5		-				-		-	
					Bottom	17.8	0.2	77	26.9	26.9	8.1	8.1	28.6	28.6	89.1	89.2	6.1	6.1	9.1		6		-				-		-	
						17.8	0.2	83	26.9		8.1		28.7		89.2		6.1		9.1		4		-				-		-	
SR8	Sunny	Moderate	18:24	3.9	Surface	1.0	-	-	29.8	29.8	8.3	8.3	20.6	20.6	126.1	126.1	8.5	8.5	12.9	12.6	7	8	-	-	820246	811418	-	-	-	-
						1.0	-	-	29.8		8.3		20.6		126.1		8.5		12.9		7		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	29.6	29.6	8.2	8.2	20.8	20.8	116.4	116.4	7.9	7.9	12.3		9		-				-		-	
						2.9	-	-	29.6		8.2		20.8		116.4		7.9		12.3		7		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 22 May 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	12:31	9.1	Surface	1.0	0.3	40	29.7	29.7	8.2	8.2	21.4	21.4	128.0	127.9	8.6	6.8	4.1	8.2	7	7	80	83	815608	804242	<0.2	<0.2	1.6	1.4
						1.0	0.3	43	29.7		8.2		21.5		127.7		8.6		4.1		7		81				<0.2		1.7	
					Middle	4.6	0.3	21	26.7	26.7	8.0	8.0	28.9	29.0	72.4	72.3	4.9		7.9		7		83				<0.2		1.6	
						4.6	0.3	22	26.6		8.0		29.1		72.1		4.9		8.4		5		83				<0.2		1.6	
					Bottom	8.1	0.2	28	26.4	26.4	8.0	8.0	30.1	30.1	73.1	73.3	5.0	5.0	12.2		7		84				<0.2		0.9	
						8.1	0.2	28	26.4		8.0		30.1		73.4		5.0		12.3		6		85				<0.2		1.1	
C2	Sunny	Moderate	13:23	12.7	Surface	1.0	0.2	11	29.9	29.9	8.1	8.1	18.5	18.5	104.1	104.0	7.1	6.5	10.0	11.0	7	6	82	84	825692	806915	<0.2	<0.2	2.5	2.7
						1.0	0.3	11	29.9		8.1		18.5		103.9		7.1		10.0		5		81				<0.2		2.5	
					Middle	6.4	0.2	351	28.0	28.0	8.0	8.0	23.8	23.8	84.4	84.4	5.8		10.4		6		84				<0.2		3.0	
						6.4	0.3	323	28.0		8.0		23.8		84.4		5.8		10.4		5		84				<0.2		2.8	
					Bottom	11.7	0.3	341	27.7	27.7	8.0	8.0	25.6	25.6	83.2	83.2	5.7	5.7	12.4		7		86				<0.2		2.5	
						11.7	0.3	314	27.7		8.0		25.6		83.1		5.7		12.6		6		86				<0.2		2.6	
C3	Sunny	Moderate	11:20	12.1	Surface	1.0	0.4	277	28.9	28.9	8.1	8.1	20.9	20.9	101.7	101.6	7.0	6.5	9.3	9.3	5	6	81	83	822079	817775	<0.2	<0.2	2.5	2.4
						1.0	0.4	279	28.9		8.1		20.9		101.5		7.0		9.3		6		81				<0.2		2.4	
					Middle	6.1	0.5	260	27.6	27.6	8.1	8.1	25.8	25.8	88.4	88.4	6.0		8.4		6		83				<0.2		2.2	
						6.1	0.5	270	27.6		8.1		25.8		88.3		6.0		8.4		5		84				<0.2		2.3	
					Bottom	11.1	0.3	281	26.6	26.6	8.1	8.1	29.8	29.8	84.0	84.0	5.7	5.7	10.2		7		85				<0.2		2.5	
						11.1	0.4	294	26.6		8.1		29.8		84.0		5.7		10.1		8		85				<0.2		2.3	
IM1	Sunny	Moderate	12:49	5.5	Surface	1.0	0.3	32	29.7	29.8	8.1	8.1	21.3	21.3	110.6	110.6	7.5	7.5	4.4	6.5	5	5	80	82	817974	807116	<0.2	<0.2	2.2	1.9
						1.0	0.3	32	29.8		8.1		21.3		110.6		7.5		4.4		4		80				<0.2		2.2	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.5	0.2	319	27.7	27.8	8.0	8.0	26.0	26.0	92.3	92.4	6.3	6.3	8.5		5		83				<0.2		1.7	
						4.5	0.2	334	27.8		8.1		26.0		92.4		6.3		8.7		6		83				<0.2		1.6	
IM2	Sunny	Moderate	12:57	8.0	Surface	1.0	0.2	28	29.9	29.9	8.1	8.1	20.0	20.0	113.6	113.6	7.7	7.1	4.1	7.3	6	8	81	83	818144	806169	<0.2	<0.2	2.5	1.9
						1.0	0.2	29	29.9		8.1		20.1		113.5		7.7		4.1		5		81				<0.2		2.4	
					Middle	4.0	0.3	10	27.7	27.7	8.0	8.0	25.6	25.6	95.1	95.0	6.5		4.4		6		83				<0.2		1.9	
						4.0	0.4	10	27.7		8.0		25.6		94.8		6.5		4.5		5		83				<0.2		2.0	
					Bottom	7.0	0.3	348	26.9	27.0	8.0	8.0	28.0	28.0	77.2	77.3	5.3	5.3	13.4		11		85				<0.2		1.4	
						7.0	0.3	320	27.0		8.0		28.0		77.3		5.3		13.4		12		85				<0.2		1.3	
IM3	Sunny	Moderate	13:04	7.9	Surface	1.0	0.2	38	29.6	29.6	8.1	8.1	19.8	19.8	117.9	117.8	8.1	6.7	4.4	7.9	4	7	80	83	818783	805579	<0.2	<0.2	2.2	1.9
						1.0	0.2	41	29.6		8.1		19.9		117.6		8.0		4.5		6		81				<0.2		2.1	
					Middle	4.0	0.3	53	27.1	27.1	8.0	8.0	25.4	25.5	78.9	78.7	5.4		8.5		6		83				<0.2		2.0	
						4.0	0.3	56	27.0		8.0		25.5		78.4		5.4		9.0		7		83				<0.2		2.0	
					Bottom	6.9	0.3	41	26.8	26.8	8.0	8.0	28.7	28.7	76.2	76.6	5.2	5.2	10.4		9		85				<0.2		1.4	
						6.9	0.3	44	26.8		8.0		28.7		76.9		5.2		10.3		8		85				<0.2		1.4	
IM4	Sunny	Moderate	13:14	8.1	Surface	1.0	0.3	11	28.8	28.8	8.1	8.1	19.7	19.8	109.5	109.4	7.6	6.3	5.1	12.1	8	10	81	83	819749	804582	<0.2	<0.2	2.4	1.6
						1.0	0.3	11	28.8		8.1		19.8		109.2		7.6		5.1		8		82				<0.2		2.1	
					Middle	4.1	0.3	17	26.5	26.5	8.0	8.0	29.4	29.4	71.5	71.6	4.9		14.4		7		83				<0.2		1.7	
						4.1	0.3	18	26.5		8.0		29.4		71.6		4.9		14.4		8		83				<0.2		1.7	
					Bottom	7.1	0.3	20	26.6	26.6	8.0	8.0	29.5	29.5	73.1	73.2	5.0	5.0	17.2		14		85				<0.2		0.8	
						7.1	0.3	20	26.6		8.0		29.5		73.3		5.0		16.7		13		85				<0.2		0.8	
IM5	Sunny	Moderate	13:21	7.5	Surface	1.0	0.3	16	29.1	29.1	8.1	8.1	19.7	19.7	108.0	107.9	7.4	6.5	5.0	8.3	6	7	82	84	820733	804885	<0.2	<0.2	2.2	1.8
						1.0	0.3	16	29.1		8.1		19.7		107.7		7.4		5.0		8		82				<0.2		2.1	
					Middle	3.8	0.4	359	27.6	27.6	8.0	8.0	25.0	24.9	80.0	80.1	5.5		6.1		7		85				<0.2		2.1	
						3.8	0.5	330	27.6		8.0		24.9		80.1		5.5		6.1		6		85				<0.2		2.2	
					Bottom	6.5	0.3	6	26.7	26.7	8.0	8.0	29.0	29.0	74.2	74.5	5.1	5.1	13.8		8		86				<0.2		1.2	
						6.5	0.3	6	26.7		8.0		29.0		74.7		5.1		13.7		8		86				<0.2		1.2	
IM6	Sunny	Moderate	13:30	7.4	Surface	1.0	0.2	40	29.6	29.6	8.1	8.1	19.0	19.0	110.6	110.4	7.6	6.6	5.0	8.4	5	7	81	83	821074	805849	<0.2	<0.2	2.4	2.0
						1.0	0.2	40	29.6		8.1		19.0		110.2		7.6		5.0		6		81				<0.2		2.3	
					Middle	3.7	0.2	16	27.5	27.5	8.0	8.0	25.7	25.7	80.0	80.3	5.5		7.6		5		83				<0.2		2.3	
						3.7	0.3	17	27.5		8.0		25.7		80.5		5.5		7.5		4		83				<0.2		2.5	
					Bottom	6.4	0.3	13	26.9	26.9	8.0	8.0	27.7	27.7	73.0	73.2	5.0	5.0	12.6		10		85				<0.2		1.4	
						6.4	0.3	14	26.9		8.0		27.7		73.3		5.0		12.8		10		85				<0.2		1.2	
IM7	Sunny	Moderate	13:37	8.9	Surface	1.0	0.2	65	30.3	30.3	8.2	8.2	18.8	18.8	120.5	120.3	8.2	7.4	4.6	7.7	7	7	80	83	821369	806855	<0.2	<0.2	2.2	2.1
						1.0	0.2	68	30.3		8.2		18.8		120.1		8.1		4.6		8		80				<0.2		2.3	
					Middle	4.5	0.2	42	28.8	28.8	8.1	8.1	21.5	21.5	96.2	96.1	6.6		5.7		6		83				<0.2		2.4	
						4.5	0.2	44	28.8		8.1		21.5		95.9		6.6		5.9		6		83				<0.2		2.4	
					Bottom	7.9	0.3	52	27.3	27.3	8.0	8.0	26.4	26.4	77.9	78.0	5.3	5.3	12.6		7		85				<0.2		1.7	
						7.9	0.3	56	27.3		8.0		26.4		78.1		5.3		12.6		6		86				<0.2		1.7	
IM8	Sunny	Moderate	12:52	8.1	Surface	1.0	0.1	286	29.2	29.2	8.1	8.1	18.8	18.8	108.5	108.4	7.5	7.1	10.4	12.1	5	5	82	84	821811	808138	<0.2	<0.2	2.6	2.7
						1.0	0.1	303	29.2		8.1		18.8		108.3		7.5		10.4		4		82				<0.2		2.8	
					Middle	4.1	0.1	268	28.9	28.9	8.1	8.1	19.9	19.9	97.5	97.5	6.7		12.5		6		84				<0.2		2.6	
						4.1	0.1	284	28.9		8.1		19.9		97.5		6.7		12.5		5		84				<0.2		2.7	
					Bottom	7.1	0.1	85	27.8	27.8	8.0	8.0	24.5	24.5	87.7	87.8	6.0	6.0	13.3		5		86				<0.2		2.8	
						7.1	0.1	93	27.8		8.0		24.5		87.8		6.0		13.3		5		86				<0.2		2.8	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 22 May 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	12:45	7.8	Surface	1.0	0.1	26	29.5	29.5	8.1	8.1	18.8	18.8	111.1	111.1	7.6	7.2	10.8	14.4	4	5	82	84	822077	808839	<0.2	<0.2	2.6	2.6
						1.0	0.1	26	29.5		8.1		18.8		111.0		7.6		10.8		3		82				<0.2		2.6	
					Middle	3.9	0.2	351	28.9	28.9	8.1	8.1	20.2	20.2	97.1	97.0	6.7		15.8		5		84				<0.2		2.6	
						3.9	0.2	323	28.9		8.1		20.2		96.8		6.7		15.8		6		84				<0.2		2.5	
					Bottom	6.8	0.2	277	28.4	28.4	8.0	8.0	21.9	21.9	89.2	89.3	6.1	6.2	16.6		4		86				<0.2		2.7	
						6.8	0.2	294	28.4		8.0		21.9		89.3		6.2		16.7		5		86				<0.2		2.7	
IM10	Sunny	Moderate	12:36	8.0	Surface	1.0	0.2	330	29.5	29.5	8.1	8.1	19.7	19.7	109.6	109.6	7.5	7.3	10.0	14.4	3	4	82	84	822376	809790	<0.2	<0.2	2.5	2.5
						1.0	0.2	336	29.5		8.1		19.7		109.6		7.5		9.9		4		82				<0.2		2.4	
					Middle	4.0	0.2	322	29.2	29.2	8.1	8.1	20.1	20.1	104.1	104.1	7.1		10.8		4		84				<0.2		2.5	
						4.0	0.2	349	29.2		8.1		20.1		104.0		7.1		10.8		5		84				<0.2		2.6	
					Bottom	7.0	0.3	317	27.8	27.8	8.0	8.0	24.8	24.8	83.3	83.4	5.7	5.7	22.5		6		86				<0.2		2.5	
						7.0	0.3	332	27.8		8.0		24.8		83.5		5.7		22.4		4		86				<0.2		2.7	
IM11	Sunny	Moderate	12:24	7.3	Surface	1.0	0.2	327	29.5	29.5	8.1	8.1	19.1	19.1	112.1	112.1	7.7	7.4	9.9	9.8	5	5	82	84	822067	811450	<0.2	<0.2	2.3	2.6
						1.0	0.2	344	29.5		8.1		19.1		112.0		7.7		9.9		5		82				<0.2		2.4	
					Middle	3.7	0.2	316	29.0	29.0	8.1	8.1	20.1	20.1	101.4	101.3	7.0		9.7		5		84				<0.2		2.6	
						3.7	0.2	328	29.0		8.1		20.1		101.1		7.0		9.7		4		84				<0.2		2.8	
					Bottom	6.3	0.4	279	27.9	27.9	8.0	8.0	24.4	24.4	86.6	86.6	5.9	5.9	9.7		4		87				<0.2		2.5	
						6.3	0.4	282	27.9		8.0		24.4		86.6		5.9		9.7		4		86				<0.2		2.7	
IM12	Sunny	Moderate	12:17	9.3	Surface	1.0	0.3	294	29.1	29.1	8.1	8.1	19.7	19.7	100.6	100.5	6.9	6.4	10.4	13.6	7	6	82	84	821475	812042	<0.2	<0.2	2.6	2.6
						1.0	0.3	295	29.1		8.1		19.7		100.4		6.9		10.4		5		82				<0.2		2.6	
					Middle	4.7	0.3	299	28.0	28.0	8.0	8.0	24.2	24.2	85.5	85.5	5.9		12.6		5		84				<0.2		2.6	
						4.7	0.3	303	28.0		8.0		24.2		85.5		5.9		12.6		6		84				<0.2		2.6	
					Bottom	8.3	0.1	284	27.2	27.2	8.0	8.0	27.3	27.3	82.2	82.4	5.6	5.6	17.8		6		86				<0.2		2.5	
						8.3	0.1	303	27.2		8.0		27.3		82.5		5.6		17.9		8		86				<0.2		2.5	
SR2	Sunny	Moderate	11:42	4.1	Surface	1.0	0.1	284	29.3	29.3	8.1	8.1	19.5	19.5	106.7	106.7	7.3	7.3	9.8	10.0	4	5	82	83	821478	814175	<0.2	<0.2	2.2	2.4
						1.0	0.1	287	29.3		8.1		19.5		106.7		7.3		9.9		5		82				<0.2		2.4	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	0.2	324	28.7	28.7	8.1	8.1	21.2	21.2	103.3	103.3	7.1	7.1	10.2		6		84				<0.2		2.5	
						3.1	0.2	338	28.7		8.1		21.2		103.3		7.1		10.2		4		84				<0.2		2.5	
SR3	Sunny	Moderate	13:00	9.5	Surface	1.0	0.1	309	29.3	29.3	8.1	8.1	19.0	19.0	102.8	102.8	7.1	6.8	10.0	11.7	4	4	-	-	822120	807568	-	-	-	-
						1.0	0.1	322	29.3		8.1		19.0		102.8		7.1		10.0		4		-				-		-	
					Middle	4.8	0.2	32	28.6	28.6	8.1	8.1	20.9	20.9	93.7	93.7	6.5		11.2		4		-				-		-	
						4.8	0.2	32	28.6		8.1		20.9		93.6		6.5		11.2		3		-				-		-	
					Bottom	8.5	0.3	55	27.8	27.8	8.0	8.0	24.8	24.7	84.2	84.3	5.8	5.8	13.9		3		-				-		-	
						8.5	0.3	60	27.8		8.0		24.7		84.3		5.8		13.9		3		-				-		-	
SR4A	Sunny	Calm	12:10	9.3	Surface	1.0	0.2	258	28.5	28.5	8.1	8.1	22.8	22.8	105.3	105.0	7.2	6.2	5.5	7.5	5	7	-	-	817195	807825	-	-	-	-
						1.0	0.2	267	28.5		8.1		22.8		104.7		7.2		5.6		4		-				-		-	
					Middle	4.7	0.0	6	27.0	27.0	8.0	8.0	27.8	27.8	76.3	76.3	5.2		7.8		8		-				-		-	
						4.7	0.0	6	27.0		8.0		27.8		76.3		5.2		7.8		8		-				-		-	
					Bottom	8.3	0.1	62	27.0	27.0	8.0	8.0	28.1	28.1	77.4	77.7	5.3	5.3	9.3		10		-				-		-	
						8.3	0.1	65	27.0		8.0		28.1		77.9		5.3		9.2		9		-				-		-	
SR5A	Sunny	Calm	11:54	4.8	Surface	1.0	0.1	325	28.8	28.8	8.1	8.1	22.2	22.2	109.7	107.3	7.5	7.4	5.5	7.4	2	4	-	-	816587	810703	-	-	-	-
						1.0	0.1	331	28.8		8.1		22.2		104.9		7.2		5.6		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.8	0.1	317	28.2	28.2	8.0	8.0	23.3	23.3	83.7	83.8	5.7	5.8	9.3		5		-				-		-	
						3.8	0.1	328	28.2		8.0		23.2		83.9		5.8		9.1		5		-				-		-	
SR6	Sunny	Calm	11:31	4.6	Surface	1.0	0.2	262	28.8	28.8	7.9	7.9	19.9	19.9	98.9	98.9	6.8	6.8	5.4	5.5	4	5	-	-	817902	814645	-	-	-	-
						1.0	0.2	273	28.8		7.9		19.9		98.8		6.8		5.4		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.6	0.1	265	28.6	28.6	7.9	7.9	21.7	21.7	89.5	89.8	6.2	6.2	5.7		4		-				-		-	
						3.6	0.1	267	28.6		7.9		21.7		90.0		6.2		5.6		6		-				-		-	
SR7	Sunny	Moderate	10:37	18.6	Surface	1.0	0.1	325	28.7	28.7	8.1	8.1	21.8	21.8	108.2	108.2	7.4	6.5	8.6	8.7	4	3	-	-	823628	823739	-	-	-	-
						1.0	0.1	352	28.7		8.1		21.8		108.1		7.4		8.7		2		-				-		-	
					Middle	9.3	0.1	246	27.0	27.0	8.0	8.0	28.2	28.2	82.7	82.6	5.6		8.5		5		-				-		-	
						9.3	0.1	268	27.0		8.0		28.2		82.5		5.6		8.5		3		-				-		-	
					Bottom	17.6	0.1	80	26.3	26.3	8.0	8.0	30.8	30.8	81.2	81.2	5.5	5.5	9.0		3		-				-		-	
						17.6	0.1	83	26.3		8.0		30.8		81.2		5.5		9.0		3		-				-		-	
SR8	Sunny	Moderate	12:05	3.7	Surface	1.0	-	-	29.4	29.4	8.2	8.2	19.1	19.1	108.1	108.0	7.4	7.4	9.7	9.8	4	4	-	-	820246	811418	-	-	-	-
						1.0	-	-	29.4		8.2		19.1		107.8		7.4		9.7		3		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	-	-	28.3	28.3	8.1	8.1	22.6	22.6	95.2	95.3	6.5	6.6	9.8		5		-				-		-	
						2.7	-	-	28.3		8.1		22.6		95.4		6.6		9.9		3		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 24 May 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	10:35	9.3	Surface	1.0	0.6	226	28.4	28.4	8.0	8.0	22.1	22.1	84.3	84.3	5.8	7.7	10.9	7.4	5	4	81	84	815590	804273	<0.2	<0.2	1.8	1.6
						1.0	0.6	236	28.4		8.0		22.1		84.3		5.8		10.9		4		81				<0.2		1.4	
					Middle	4.7	0.6	218	30.4	30.4	8.3	8.3	16.5	16.5	139.6	139.5	9.6		5.0		4		83				<0.2		1.5	
						4.7	0.6	221	30.4		8.3		16.5		139.3		9.6		5.0		3		84				<0.2		1.5	
					Bottom	8.3	0.4	216	28.5	28.5	8.0	8.0	21.9	21.9	86.7	86.8	6.0	6.0	6.3		5		86				<0.2		1.7	
						8.3	0.4	229	28.5		8.0		21.9		86.8		6.0		6.2		5		86				<0.2		1.8	
C2	Sunny	Moderate	11:13	11.6	Surface	1.0	0.1	144	29.5	29.5	8.1	8.1	15.7	15.7	118.7	118.6	8.3	7.1	5.6	6.5	4	6	82	85	825696	806922	<0.2	<0.2	2.2	1.9
						1.0	0.1	146	29.5		8.1		15.7		118.5		8.3		5.3		4		82				<0.2		2.3	
					Middle	5.8	0.1	145	27.8	27.8	7.9	7.9	24.8	24.8	85.0	84.9	5.8		4.1		8		85				<0.2		1.8	
						5.8	0.1	155	27.8		7.9		24.8		84.8		5.8		4.0		8		86				<0.2		1.8	
					Bottom	10.6	0.3	129	27.3	27.3	7.9	7.9	26.7	26.7	77.7	77.8	5.3	5.3	9.9		7		87				<0.2		1.6	
						10.6	0.3	136	27.3		7.9		26.7		77.8		5.3		10.1		6		88				<0.2		1.5	
C3	Sunny	Moderate	08:52	11.4	Surface	1.0	0.2	168	28.0	28.0	8.0	8.0	24.6	24.6	98.9	98.7	6.8	6.2	2.9	4.4	4	4	82	85	822080	817778	<0.2	<0.2	1.5	1.3
						1.0	0.2	174	28.0		8.0		24.6		98.5		6.7		2.9		4		83				<0.2		1.6	
					Middle	5.7	0.1	245	26.8	26.8	8.2	8.2	28.8	28.9	83.6	83.5	5.7		4.2		4		83				<0.2		1.1	
						5.7	0.1	262	26.8		8.2		29.0		83.3		5.7		4.2		4		84				<0.2		1.2	
					Bottom	10.4	0.2	103	26.7	26.7	8.2	8.2	29.8	29.8	82.4	82.5	5.6	5.6	6.3		5		88				<0.2		1.1	
						10.4	0.2	111	26.7		8.2		29.8		82.5		5.6		6.3		4		88				<0.2		1.0	
IM1	Sunny	Moderate	10:35	5.2	Surface	1.0	0.2	221	30.2	30.2	8.3	8.3	16.7	16.7	144.8	144.8	9.9	9.9	5.2	5.2	7	7	85	86	817949	807147	<0.2	<0.2	2.4	2.5
						1.0	0.2	230	30.2		8.3		16.7		144.8		9.9		5.2		6		85				<0.2		2.6	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.2	0.2	179	28.8	28.8	8.0	8.0	20.8	20.8	95.3	95.3	6.6	6.6	5.1		8		87				<0.2		2.5	
						4.2	0.2	191	28.8		8.0		20.8		95.3		6.6		5.1		8		87				<0.2		2.4	
IM2	Sunny	Moderate	10:24	7.9	Surface	1.0	0.4	188	30.1	30.1	8.4	8.4	16.7	16.7	149.6	149.5	10.3	8.6	5.3	6.0	8	8	82	84	818169	806194	<0.2	<0.2	2.5	2.5
						1.0	0.4	194	30.1		8.4		16.7		149.3		10.3		5.4		9		82				<0.2		2.4	
					Middle	4.0	0.4	190	28.9	28.9	8.1	8.1	20.7	20.7	100.8	100.9	6.9		5.8		7		83				<0.2		2.5	
						4.0	0.4	204	28.9		8.1		20.7		101.0		6.9		5.8		8		84				<0.2		2.5	
					Bottom	6.9	0.2	161	28.7	28.7	8.0	8.0	21.4	21.4	91.7	91.6	6.3	6.3	6.9		9		85				<0.2		2.5	
						6.9	0.2	166	28.7		8.0		21.4		91.5		6.3		6.9		9		86				<0.2		2.8	
IM3	Sunny	Moderate	10:16	7.8	Surface	1.0	0.3	202	29.8	29.8	8.3	8.3	17.8	17.8	138.9	138.8	9.6	8.4	5.0	6.7	7	8	81	83	818761	805597	<0.2	<0.2	2.2	2.3
						1.0	0.3	204	29.8		8.3		17.8		138.7		9.5		5.0		6		81				<0.2		2.2	
					Middle	3.9	0.3	179	29.1	29.1	8.1	8.1	19.7	19.7	105.8	105.8	7.3		4.6		8		83				<0.2		2.3	
						3.9	0.3	179	29.1		8.1		19.7		105.7		7.3		4.6		7		83				<0.2		2.3	
					Bottom	6.8	0.2	175	28.0	28.0	7.9	7.9	24.3	24.2	71.4	71.5	4.9	4.9	10.5		9		85				<0.2		2.4	
						6.8	0.2	188	28.0		7.9		24.2		71.5		4.9		10.4		9		85				<0.2		2.4	
IM4	Sunny	Moderate	09:31	8.0	Surface	1.0	0.4	217	26.9	26.9	8.0	8.0	29.1	29.0	78.7	78.8	5.3	6.8	3.4	4.5	6	7	81	83	819727	804622	<0.2	<0.2	2.4	2.4
						1.0	0.4	230	26.9		8.0		28.9		78.9		5.4		3.4		7		81				<0.2		2.4	
					Middle	4.0	0.4	206	29.3	29.3	8.3	8.3	19.3	19.3	120.2	120.2	8.3		5.4		7		83				<0.2		2.4	
						4.0	0.5	220	29.2		8.3		19.3		120.1		8.3		5.5		6		84				<0.2		2.3	
					Bottom	7.0	0.4	182	28.2	28.2	8.0	8.0	23.9	23.9	88.1	88.2	6.0	6.0	4.8		10		85				<0.2		2.4	
						7.0	0.4	193	28.2		8.0		23.9		88.2		6.0		4.8		8		86				<0.2		2.3	
IM5	Sunny	Moderate	09:03	7.4	Surface	1.0	0.3	185	27.1	27.1	8.0	8.0	28.0	28.0	84.8	85.0	5.8	7.3	3.0	3.3	5	7	81	85	820733	804859	<0.2	<0.2	2.4	2.5
						1.0	0.3	191	27.1		8.0		28.0		85.1		5.8		3.0		6		82				<0.2		2.4	
					Middle	3.7	0.4	181	29.3	29.3	8.3	8.3	21.7	21.7	128.6	128.5	8.7		4.1		6		85				<0.2		2.5	
						3.7	0.4	189	29.3		8.3		21.7		128.3		8.7		4.0		8		85				<0.2		2.5	
					Bottom	6.4	0.2	179	27.3	27.3	8.0	8.0	27.6	27.6	82.2	82.3	5.6	5.6	2.9		8		88				<0.2		2.5	
						6.4	0.2	180	27.2		8.0		27.6		82.3		5.6		3.0		9		88				<0.2		2.5	
IM6	Sunny	Moderate	08:45	7.5	Surface	1.0	0.2	188	27.8	27.8	8.1	8.1	26.8	26.8	100.2	100.3	6.8	7.8	3.3	3.7	10	9	81	84	821082	805849	<0.2	<0.2	2.4	2.5
						1.0	0.2	199	27.8		8.1		26.8		100.3		6.8		3.4		10		82				<0.2		2.5	
					Middle	3.8	0.3	174	29.3	29.3	8.3	8.3	21.7	21.7	130.5	130.4	8.9		4.3		8		84				<0.2		2.4	
						3.8	0.4	181	29.3		8.3		21.8		130.3		8.8		4.3		10		84				<0.2		2.6	
					Bottom	6.5	0.2	136	28.2	28.2	8.0	8.0	23.9	23.9	89.4	89.5	6.1	6.1	3.4		9		85				<0.2		2.4	
						6.5	0.2	146	28.2		8.0		24.0		89.5		6.1		3.3		8		85				<0.2		2.6	
IM7	Sunny	Moderate	08:19	8.8	Surface	1.0	0.2	110	28.1	28.1	8.1	8.1	25.0	25.0	105.1	105.0	7.1	7.0	3.0	3.2	4	4	81	84	821326	806862	<0.2	<0.2	2.5	2.5
						1.0	0.3	112	28.1		8.1		25.1		104.9		7.1		3.0		2		82				<0.2		2.4	
					Middle	4.4	0.2	67	27.9	27.9	8.1	8.1	26.6	26.6	100.6	100.6	6.8		3.4		4		84				<0.2		2.6	
						4.4	0.2	68	27.9		8.1		26.6		100.6		6.8		3.4		4		83				<0.2		2.4	
					Bottom	7.8	0.2	75	28.3	28.3	8.1	8.1	24.6	24.6	107.5	107.4	7.3	7.3	3.0		4		86				<0.2		2.6	
						7.8	0.2	81	28.2		8.1		24.6		107.3		7.3		3.0		4		86				<0.2		2.5	
IM8	Sunny	Moderate	10:41	8.1	Surface	1.0	0.2	142	29.3	29.3	8.1	8.1	17.6	17.6	113.5	113.4	7.9	7.1	3.0	4.4	3	5	82	84	821848	808150	<0.2	<0.2	2.5	2.1
						1.0	0.3	154	29.3		8.1		17.6		113.3		7.9		3.0		3		82				<0.2		2.4	
					Middle	4.1	0.2	105	28.4	28.4	8.0	8.0	22.0	21.9	91.7	91.7	6.3		4.2		3		83				<0.2		2.1	
						4.1	0.2	111	28.4		8.0		21.9		91.7		6.3		4.1		5		84				<0.2		2.2	
					Bottom	7.1	0.2	49	28.0	28.0	8.0	8.0	23.6	23.7	85.6	85.6	5.9	5.9	5.9		8		85				<0.2		1.7	
						7.1	0.2	51	28.0		8.0		23.7		85.6		5.9		6.0		10		86				<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 24 May 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	10:36	7.4	Surface	1.0	0.3	110	29.0	29.0	8.1	8.1	18.5	18.5	110.5	110.6	7.7	7.1	4.2	4.9	3	5	82	84	822096	808823	<0.2	<0.2	2.2	2.1
						1.0	0.4	118	29.0		8.1		18.5		110.6		7.7		4.2		4		82				<0.2		2.2	
					Middle	3.7	0.4	107	28.5	28.5	8.0	8.0	21.6	21.6	93.9	93.9	6.5		4.8		4		84				<0.2		2.1	
						3.7	0.4	115	28.5		8.0		21.6		93.9		6.5		4.8		5		84				<0.2		2.0	
					Bottom	6.4	0.3	84	28.4	28.4	8.0	8.0	22.1	22.1	90.9	90.9	6.3	6.3	5.8		6		85				<0.2		1.9	
						6.4	0.3	90	28.4		8.0		22.1		90.9		6.3		5.8		7		86				<0.2		1.9	
IM10	Sunny	Moderate	10:18	7.5	Surface	1.0	0.3	133	29.4	29.4	8.3	8.3	16.8	16.8	108.6	108.6	7.6	6.8	3.7	6.5	4	7	83	87	822382	809821	<0.2	<0.2	2.4	2.1
						1.0	0.3	137	29.4		8.3		16.8		108.6		7.6		3.7		4		84				<0.2		2.6	
					Middle	3.8	0.3	130	28.4	28.4	8.3	8.3	22.0	22.0	87.7	87.7	6.0		6.9		6		86				<0.2		1.9	
						3.8	0.3	140	28.4		8.3		22.0		87.7		6.0		7.0		7		86				<0.2		2.0	
					Bottom	6.5	0.3	67	28.4	28.4	8.3	8.3	22.2	22.2	87.1	87.2	6.0	6.0	8.8		10		90				<0.2		1.8	
						6.5	0.3	68	28.4		8.3		22.2		87.3		6.0		8.7		11		90				<0.2		1.8	
IM11	Sunny	Moderate	10:03	6.7	Surface	1.0	0.4	124	29.2	29.2	8.3	8.3	17.3	17.3	111.2	111.1	7.8	7.1	4.3	8.7	6	8	83	86	822035	811475	<0.2	<0.2	2.5	2.3
						1.0	0.4	125	29.1		8.3		17.3		111.0		7.8		4.3		6		83				<0.2		2.4	
					Middle	3.4	0.3	113	28.5	28.5	8.3	8.3	21.7	21.7	91.5	91.5	6.3		8.3		6		85				<0.2		2.4	
						3.4	0.3	120	28.5		8.3		21.7		91.5		6.3		8.4		6		86				<0.2		2.4	
					Bottom	5.7	0.3	108	28.5	28.6	8.3	8.3	22.6	22.5	89.1	89.2	6.1	6.1	13.6		14		88				<0.2		2.0	
						5.7	0.3	113	28.6		8.3		22.5		89.3		6.1		13.5		12		88				<0.2		2.0	
IM12	Sunny	Moderate	09:55	9.6	Surface	1.0	0.5	115	29.5	29.5	8.0	8.0	16.5	16.5	125.9	125.8	8.8	7.3	3.7	11.3	5	8	83	85	821468	812017	<0.2	<0.2	2.6	2.3
						1.0	0.5	121	29.5		8.0		16.5		125.6		8.8		3.7		7		83				<0.2		2.6	
					Middle	4.8	0.5	110	28.0	28.1	8.1	8.1	23.7	23.6	83.3	83.4	5.7		15.6		8		85				<0.2		2.1	
						4.8	0.5	115	28.1		8.1		23.6		83.5		5.7		15.3		7		85				<0.2		2.3	
					Bottom	8.6	0.3	97	27.5	27.5	8.1	8.1	25.7	25.7	75.5	75.8	5.2	5.2	14.9		10		87				<0.2		1.9	
						8.6	0.4	98	27.5		8.1		25.8		76.0		5.2		14.8		8		87				<0.2		2.1	
SR2	Sunny	Moderate	09:25	4.3	Surface	1.0	0.4	100	29.1	29.1	8.2	8.2	18.0	18.0	109.2	109.2	7.6	7.6	2.5	3.8	5	7	83	84	821471	814138	<0.2	<0.2	2.6	2.4
						1.0	0.5	109	29.1		8.2		17.9		109.1		7.6		2.5		5		83				<0.2		2.5	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.3	93	28.9	28.9	8.2	8.2	19.6	19.5	107.0	107.0	7.4	7.4	5.0		9		85				<0.2		2.2	
						3.3	0.4	96	28.9		8.2		19.5		107.0		7.4		5.0		8		86				<0.2		2.2	
SR3	Sunny	Moderate	10:49	9.2	Surface	1.0	0.2	183	29.0	29.0	8.1	8.1	18.5	18.5	110.6	110.6	7.7	7.1	3.4	5.1	4	7	-	-	822119	807591	-	-	-	-
						1.0	0.2	197	29.0		8.1		18.5		110.6		7.7		3.3		6		-				-		-	
					Middle	4.6	0.3	173	28.5	28.5	8.0	8.0	21.6	21.6	92.5	92.5	6.4		4.2		7		-				-		-	
						4.6	0.3	181	28.5		8.0		21.6		92.5		6.4		4.2		7		-				-		-	
					Bottom	8.2	0.1	28	27.9	27.9	8.0	8.0	24.2	24.2	84.8	84.9	5.8	5.8	7.7		9		-				-		-	
						8.2	0.1	29	27.9		8.0		24.2		84.9		5.8		7.7		10		-				-		-	
SR4A	Sunny	Calm	10:43	9.1	Surface	1.0	0.2	132	28.2	28.2	8.0	8.0	23.2	23.2	80.6	80.8	5.5	7.4	10.1	6.7	7	7	-	-	817206	807795	-	-	-	-
						1.0	0.2	137	28.2		8.0		23.1		80.9		5.6		9.6		6		-				-		-	
					Middle	4.6	0.2	93	30.3	30.3	8.3	8.3	16.7	16.7	135.7	135.6	9.3		5.0		6		-				-		-	
						4.6	0.2	94	30.3		8.3		16.7		135.5		9.3		5.0		6		-				-		-	
					Bottom	8.1	0.1	110	28.8	28.8	8.0	8.0	21.0	21.0	95.4	95.5	6.6	6.6	5.3		6		-				-		-	
						8.1	0.1	120	28.8		8.0		20.9		95.5		6.6		5.5		8		-				-		-	
SR5A	Sunny	Calm	10:52	4.8	Surface	1.0	0.0	233	28.4	28.4	8.0	8.0	22.3	22.3	85.1	85.2	5.9	5.9	7.4	6.5	6	8	-	-	816568	810716	-	-	-	-
						1.0	0.0	252	28.4		8.0		22.3		85.2		5.9		7.4		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.8	0.0	240	29.3	29.3	8.1	8.1	17.1	17.1	108.6	106.7	7.6	7.5	5.6		9		-				-		-	
						3.8	0.0	257	29.2		8.1		17.1		104.7		7.3		5.6		9		-				-		-	
SR6	Sunny	Calm	11:03	4.5	Surface	1.0	0.1	41	28.3	28.3	8.0	8.0	23.3	23.3	83.8	83.8	5.7	5.7	4.4	4.6	7	8	-	-	817900	814689	-	-	-	-
						1.0	0.1	41	28.3		8.0		23.3		83.7		5.7		4.4		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.1	55	28.0	28.0	8.0	8.0	24.6	24.6	82.0	82.6	5.6	5.7	4.8		8		-				-		-	
						3.5	0.1	57	28.0		8.0		24.6		83.1		5.7		4.7		9		-				-		-	
SR7	Sunny	Moderate	08:14	18.9	Surface	1.0	0.6	94	27.9	27.9	8.1	8.1	25.3	25.4	96.8	96.9	6.6	6.0	2.9	3.7	11	12	-	-	823655	823769	-	-	-	-
						1.0	0.6	97	27.9		8.1		25.5		96.9		6.6		2.9		10		-				-		-	
					Middle	9.5	0.4	92	26.4	26.4	8.1	8.1	30.5	30.5	77.5	77.5	5.3		3.1		11		-				-		-	
						9.5	0.4	92	26.4		8.1		30.5		77.4		5.3		3.1		11		-				-		-	
					Bottom	17.9	0.2	77	26.2	26.2	8.3	8.3	30.9	30.9	75.4	75.4	5.1	5.1	5.2		16		-				-		-	
						17.9	0.2	82	26.2		8.3		30.9		75.4		5.1		5.2		15		-				-		-	
SR8	Sunny	Calm	09:41	3.9	Surface	1.0	-	-	29.0	29.0	8.1	8.1	18.8	18.9	108.7	108.2	7.5	7.5	5.1	5.3	10	10	-	-	820246	811418	-	-	-	-
						1.0	-	-	29.0		8.1		19.0		107.6		7.5		5.2		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	29.0	29.0	8.1	8.1	19.3	19.3	102.6	102.6	7.1	7.1	5.4		11		-				-		-	
						2.9	-	-	29.0		8.1		19.3		102.6		7.1		5.5		11		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 24 May 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	13:56	8.6	Surface	1.0	0.6	14	28.5	28.5	8.0	8.0	22.0	22.0	85.2	85.3	5.9	5.8	7.0	6.8	8	9	83	85	815623	804271	<0.2	<0.2	2.1	2.0
						1.0	0.7	14	28.5		8.0		22.0		85.3		5.9		7.0		8		83				<0.2		2.1	
					Middle	4.3	0.7	17	28.3	28.3	8.0	8.0	23.0	23.0	81.4	81.4	5.6		9.2		10		86				<0.2		2.0	
						4.3	0.7	18	28.3		8.0		23.0		81.4		5.6		9.4		9		85				<0.2		2.0	
					Bottom	7.6	0.4	23	29.3	29.3	8.2	8.2	18.2	18.2	111.9	111.9	7.7	7.7	4.2		11		87				<0.2		2.0	
						7.6	0.4	25	29.3		8.2		18.2		111.9		7.7		4.2		9		87				<0.2		2.0	
C2	Sunny	Moderate	13:29	12.1	Surface	1.0	0.2	11	29.0	29.0	8.0	8.0	17.6	17.6	97.5	97.6	6.8	6.2	4.0	5.8	8	11	82	84	825652	806918	<0.2	<0.2	2.4	2.2
						1.0	0.3	11	29.0		8.0		17.6		97.7		6.8		4.0		9		82				<0.2		2.5	
					Middle	6.1	0.2	351	27.9	27.9	7.9	7.9	24.8	24.8	82.3	82.3	5.6		3.5		12		83				<0.2		2.5	
						6.1	0.3	323	27.9		7.9		24.8		82.2		5.6		3.6		12		84				<0.2		2.4	
					Bottom	11.1	0.3	341	27.2	27.2	7.9	7.9	27.1	27.1	73.1	73.1	5.0	5.0	9.8		13		85				<0.2		1.7	
						11.1	0.3	352	27.2		7.9		27.1		73.1		5.0		9.9		12		85				<0.2		1.7	
C3	Sunny	Moderate	15:16	11.9	Surface	1.0	0.4	277	29.4	29.4	8.2	8.2	21.5	21.5	135.8	135.6	9.2	7.6	3.4	3.8	7	7	83	84	822093	817812	<0.2	<0.2	1.8	1.5
						1.0	0.4	284	29.4		8.2		21.5		135.4		9.2		3.4		6		83				<0.2		1.8	
					Middle	6.0	0.5	260	27.2	27.2	8.0	8.0	27.2	27.2	88.0	88.0	6.0		2.8		7		84				<0.2		1.7	
						6.0	0.5	284	27.2		8.0		27.2		87.9		6.0		2.9		7		84				<0.2		1.9	
					Bottom	10.9	0.3	281	26.4	26.5	7.9	7.9	30.3	30.3	82.3	82.4	5.6	5.6	5.1		5		85				<0.2		1.0	
						10.9	0.4	283	26.5		7.9		30.3		82.5		5.6		5.0		7		85				<0.2		1.0	
IM1	Sunny	Moderate	14:09	5.5	Surface	1.0	0.5	348	28.4	28.4	8.0	8.0	22.2	22.2	84.1	84.1	5.8	5.8	8.4	9.5	8	8	83	85	817954	807111	<0.2	<0.2	2.8	2.7
						1.0	0.5	320	28.4		8.0		22.2		84.1		5.8		8.4		8		84				<0.2		2.8	
					Middle	-	-	-		-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-			-		-		-		-		-		-		-				-		-	
					Bottom	4.5	0.2	353	28.4	28.4	8.0	8.0	22.5	22.5	83.3	83.4	5.7	5.7	10.7		8		87				<0.2		2.6	
						4.5	0.2	325	28.4		8.0		22.5		83.4		5.7		10.7		8		87				<0.2		2.5	
IM2	Sunny	Moderate	14:16	7.7	Surface	1.0	0.5	7	29.2	29.2	8.1	8.1	18.0	18.0	104.3	104.3	7.2	6.6	4.7	11.7	8	8	84	86	818162	806175	<0.2	<0.2	2.6	2.6
						1.0	0.5	7	29.1		8.1		18.0		104.2		7.2		4.7		6		84				<0.2		2.7	
					Middle	3.9	0.5	10	28.4	28.4	8.1	8.1	22.2	22.2	85.5	85.4	5.9		13.0		6		85				<0.2		2.6	
						3.9	0.5	10	28.4		8.1		22.3		85.3		5.9		13.1		8		86				<0.2		2.7	
					Bottom	6.7	0.5	2	28.3	28.3	8.1	8.1	22.9	22.9	85.5	85.6	5.9	5.9	17.5		9		88				<0.2		2.5	
						6.7	0.5	2	28.3		8.1		22.9		85.7		5.9		17.4		11		88				<0.2		2.5	
IM3	Sunny	Moderate	14:24	7.8	Surface	1.0	0.5	39	28.9	28.9	8.2	8.2	17.4	17.3	105.8	105.5	7.4	6.7	6.2	9.5	7	6	84	86	818807	805589	<0.2	<0.2	2.6	2.6
						1.0	0.5	42	28.8		8.2		17.3		105.1		7.4		6.3		5		84				<0.2		2.6	
					Middle	3.9	0.6	40	28.6	28.6	8.1	8.1	21.6	21.6	87.7	87.7	6.0		8.6		7		86				<0.2		2.7	
						3.9	0.6	40	28.6		8.1		21.7		87.7		6.0		9.0		6		86				<0.2		2.5	
					Bottom	6.8	0.5	37	28.5	28.5	8.1	8.1	22.2	22.2	87.1	87.1	6.0	6.0	13.4		7		88				<0.2		2.5	
						6.8	0.5	37	28.5		8.1		22.2		87.1		6.0		13.4		6		87				<0.2		2.6	
IM4	Sunny	Moderate	14:35	8.2	Surface	1.0	0.8	20	29.4	29.4	8.2	8.2	16.8	16.8	122.1	122.0	8.5	7.5	5.3	5.2	6	7	83	85	819723	804618	<0.2	<0.2	2.5	2.6
						1.0	0.9	21	29.4		8.2		16.8		121.9		8.5		5.4		7		83				<0.2		2.7	
					Middle	4.1	0.8	19	28.6	28.6	8.1	8.1	21.7	21.7	93.8	93.9	6.5		7.2		7		85				<0.2		2.7	
						4.1	0.8	20	28.6		8.1		21.7		93.9		6.5		7.1		6		86				<0.2		2.6	
					Bottom	7.2	0.5	13	28.2	28.2	8.1	8.1	24.3	24.3	98.3	98.3	6.7	6.7	3.0		7		87				<0.2		2.6	
						7.2	0.6	13	28.2		8.1		24.3		98.3		6.7		3.0		7		87				<0.2		2.5	
IM5	Sunny	Moderate	15:10	7.5	Surface	1.0	0.6	11	27.5	27.5	8.0	8.0	25.7	25.7	93.2	93.1	6.4	6.1	6.7	6.1	6	7	84	85	820705	804879	<0.2	<0.2	2.6	2.7
						1.0	0.6	11	27.5		8.0		25.7		93.0		6.4		6.7		7		84				<0.2		2.7	
					Middle	3.8	0.6	23	27.2	27.2	8.0	8.0	28.0	28.0	84.8	85.2	5.8		8.8		6		85				<0.2		2.4	
						3.8	0.7	23	27.2		8.0		28.0		85.5		5.8		8.8		7		85				<0.2		2.7	
					Bottom	6.5	0.4	5	28.2	28.2	8.1	8.1	24.5	24.5	98.5	98.5	6.7	6.7	2.8		7		87				<0.2		2.7	
						6.5	0.5	5	28.2		8.1		24.5		98.5		6.7		2.8		7		87				<0.2		2.8	
IM6	Sunny	Moderate	15:35	7.3	Surface	1.0	0.6	36	27.7	27.7	8.1	8.1	26.1	26.1	92.5	92.5	6.3	5.9	4.5	5.1	6	8	83	86	821067	805824	<0.2	<0.2	2.7	2.8
						1.0	0.6	38	27.7		8.1		26.1		92.4		6.3		4.5		6		84				<0.2		2.7	
					Middle	3.7	0.4	36	26.9	26.9	8.0	8.0	29.4	29.4	81.7	81.8	5.5		8.0		6		86				<0.2		2.7	
						3.7	0.4	37	26.8		8.0		29.4		81.9		5.6		7.9		7		85				<0.2		2.9	
					Bottom	6.3	0.3	26	27.9	27.9	8.0	8.0	25.4	25.4	95.3	95.3	6.5	6.5	2.9		11		87				<0.2		2.7	
						6.3	0.3	26	27.8		8.0		25.4		95.3		6.5		2.9		11		88				<0.2		2.8	
IM7	Sunny	Moderate	15:51	8.7	Surface	1.0	0.7	26	27.5	27.5	8.0	8.0	26.9	26.9	89.9	89.9	6.1	6.4	5.1	3.9	7	7	83	86	821352	806849	<0.2	<0.2	2.7	2.7
						1.0	0.8	27	27.5		8.0		26.9		89.9		6.1		5.1		6		83				<0.2		2.6	
					Middle	4.4	0.6	12	28.2	28.2	8.1	8.1	24.6	24.5	98.6	98.6	6.7		2.4		5		86				<0.2		2.8	
						4.4	0.6	12	28.2		8.1		24.5		98.5		6.7		2.4		5		86				<0.2		2.7	
					Bottom	7.7	0.5	23	27.5	27.5	8.0	8.0	26.9	26.9	90.2	90.3	6.1	6.1	4.2		8		89				<0.2		2.7	
						7.7	0.5	23	27.5		8.0		26.9		90.3		6.1		4.2		9		88				<0.2		2.7	
IM8	Sunny	Moderate	13:58	8.2	Surface	1.0	0.1	286	30.2	30.2	8.3	8.3	16.5	16.5	148.4	148.4	10.2	8.7	4.2	5.8	5	6	82	86	821823	808116	<0.2	<0.2	2.6	2.5
						1.0	0.1	312	30.2		8.3		16.5		148.4		10.2		4.3		6		82				<0.2		2.6	
					Middle	4.1	0.1	268	28.8	28.8	8.0	8.0	20.5	20.5	102.6	102.6	7.1		5.0		7		85				<0.2		2.4	
						4.1	0.1	276	28.8		8.0		20.5		102.5		7.1		4.9		5		86				<0.2		2.6	
					Bottom	7.2	0.1	85	28.5	28.5	7.9	7.9	21.7	21.6	91.0	91.1	6.3	6.3	8.3		5		89				<0.2		2.3	
						7.2	0.1	87	28.5		7.9		21.6		91.1		6.3		8.3		6		89				<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 24 May 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	14:06	7.7	Surface	1.0	0.1	26	30.2	30.2	8.3	8.3	16.5	16.5	155.3	155.2	10.7	8.9	4.2	7.0	7	7	83	86	822122	808785	<0.2	<0.2	2.6	2.5
						1.0	0.1	28	30.2		8.3		16.5		155.1		10.7		4.2		6		84				<0.2		2.5	
					Middle	3.9	0.2	351	28.9	28.9	8.0	8.0	20.4	20.4	103.5	103.5	7.1		4.9		7		86				<0.2		2.5	
						3.9	0.2	323	28.9		8.0		20.5		103.4		7.1		5.4		5		86				<0.2		2.4	
					Bottom	6.7	0.2	277	28.5	28.5	7.9	7.9	21.7	21.7	90.5	90.6	6.2	6.2	11.4		7		88				<0.2		2.5	
						6.7	0.2	299	28.5		7.9		21.7		90.7		6.2		11.6		7		88				<0.2		2.4	
IM10	Sunny	Moderate	14:14	8.1	Surface	1.0	0.2	330	29.8	29.8	8.2	8.2	17.8	17.7	145.1	145.0	10.0	8.4	3.8	5.6	6	7	81	83	822400	809823	<0.2	<0.2	2.3	2.3
						1.0	0.2	355	29.8		8.2		17.7		144.9		10.0		3.8		6		82				<0.2		2.3	
					Middle	4.1	0.2	322	28.7	28.7	8.0	8.0	20.9	20.9	98.0	98.2	6.8		4.4		8		83				<0.2		2.3	
						4.1	0.2	335	28.7		8.0		20.8		98.3		6.8		4.3		8		84				<0.2		2.4	
					Bottom	7.1	0.3	317	28.2	28.2	7.9	7.9	22.9	22.9	80.8	80.8	5.5	5.5	8.6		7		85				<0.2		2.2	
						7.1	0.3	319	28.2		7.9		22.9		80.7		5.5		8.6		6		85				<0.2		2.2	
IM11	Sunny	Moderate	14:26	7.2	Surface	1.0	0.2	327	29.8	29.8	8.3	8.3	18.3	18.3	144.8	144.7	9.9	8.2	3.7	5.7	5	6	84	87	822030	811471	<0.2	<0.2	2.2	2.1
						1.0	0.2	347	29.7		8.3		18.3		144.6		9.9		3.7		6		84				<0.2		2.3	
					Middle	3.6	0.2	316	28.5	28.5	8.0	8.0	22.1	22.1	93.4	93.4	6.4		4.8		6		86				<0.2		2.2	
						3.6	0.2	340	28.4		8.0		22.1		93.4		6.4		4.8		5		86				<0.2		2.2	
					Bottom	6.2	0.4	279	27.5	27.5	7.9	7.9	27.0	27.0	87.9	88.1	6.0	6.0	8.5		8		90				<0.2		1.8	
						6.2	0.4	282	27.5		7.9		27.0		88.3		6.0		8.4		6		90				<0.2		1.9	
IM12	Sunny	Moderate	14:33	9.4	Surface	1.0	0.3	294	28.5	28.5	8.0	8.0	21.6	21.5	95.9	96.0	6.6	6.4	4.0	5.1	6	6	82	84	821450	812023	<0.2	<0.2	2.2	2.0
						1.0	0.3	322	28.5		8.0		21.5		96.0		6.6		4.0		7		82				<0.2		2.3	
					Middle	4.7	0.3	299	28.0	28.1	7.9	7.9	23.8	23.8	89.9	89.9	6.2		4.0		6		83				<0.2		1.9	
						4.7	0.3	324	28.1		7.9		23.7		89.9		6.2		4.0		5		83				<0.2		2.0	
					Bottom	8.4	0.1	284	27.6	27.6	7.9	7.9	25.8	25.8	81.5	81.6	5.6	5.6	7.4		6		85				<0.2		1.8	
						8.4	0.1	291	27.6		7.9		25.8		81.6		5.6		7.2		6		86				<0.2		1.7	
SR2	Sunny	Calm	14:53	4.2	Surface	1.0	0.1	284	29.7	29.7	8.2	8.2	20.3	20.3	142.8	142.7	9.7	9.7	3.0	3.5	4	5	85	86	821476	814142	<0.2	<0.2	2.4	2.1
						1.0	0.1	295	29.7		8.2		20.3		142.6		9.7		3.0		5		85				<0.2		1.8	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.2	324	28.9	28.9	8.1	8.1	22.0	22.0	123.5	123.4	8.4	8.4	4.0		6		87				<0.2		2.1	
						3.2	0.2	337	28.9		8.1		22.0		123.3		8.4		3.9		5		88				<0.2		2.1	
SR3	Sunny	Moderate	13:49	9.3	Surface	1.0	0.1	309	30.2	30.2	8.2	8.2	16.7	16.7	136.1	135.9	9.4	7.7	4.3	8.0	4	5	-	-	822138	807565	-	-	-	-
						1.0	0.1	310	30.2		8.2		16.7		135.7		9.3		4.4		6		-				-		-	
					Middle	4.7	0.2	32	28.2	28.2	7.9	7.9	22.1	22.1	86.7	86.7	6.0		8.3		6		-				-		-	
						4.7	0.2	32	28.2		7.9		22.1		86.6		6.0		8.7		4		-				-		-	
					Bottom	8.3	0.3	55	27.7	27.7	7.9	7.9	24.9	24.9	78.7	78.9	5.4	5.4	11.1		6		-				-		-	
						8.3	0.3	60	27.7		7.9		24.9		79.1		5.4		11.1		6		-				-		-	
SR4A	Sunny	Calm	13:48	8.4	Surface	1.0	0.3	276	28.3	28.3	8.0	8.0	22.9	22.9	81.0	81.0	5.6	5.5	8.4	10.2	6	5	-	-	817171	807800	-	-	-	-
						1.0	0.3	290	28.3		8.0		22.9		81.0		5.6		8.4		5		-				-		-	
					Middle	4.2	0.3	275	27.9	27.9	8.0	8.0	24.5	24.5	77.2	77.3	5.3		16.4		5		-				-		-	
						4.2	0.4	299	27.9		8.0		24.5		77.3		5.3		16.7		5		-				-		-	
					Bottom	7.4	0.0	38	28.9	28.9	8.1	8.1	19.4	19.4	98.3	98.3	6.8	6.8	5.5		5		-				-		-	
						7.4	0.0	41	28.9		8.1		19.4		98.3		6.8		5.7		5		-				-		-	
SR5A	Sunny	Calm	13:40	3.8	Surface	1.0	0.2	272	28.2	28.2	8.0	8.0	23.2	23.2	80.5	80.6	5.5	5.5	9.7	7.4	5	5	-	-	816593	810705	-	-	-	-
						1.0	0.3	279	28.2		8.0		23.2		80.6		5.5		9.8		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.8	0.2	269	29.3	29.3	8.1	8.1	18.3	18.3	106.5	106.5	7.4	7.4	5.0		4		-				-		-	
						2.8	0.2	282	29.3		8.1		18.3		106.5		7.4		5.0		5		-				-		-	
SR6	Sunny	Calm	13:40	4.3	Surface	1.0	0.3	276	29.0	29.0	8.1	8.1	18.4	18.4	103.2	103.2	7.2	7.2	5.2	5.4	6	6	-	-	817918	814679	-	-	-	-
						1.0	0.3	302	29.0		8.1		18.4		103.1		7.2		5.2		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.2	288	28.6	28.6	8.0	8.0	21.0	21.0	88.8	88.8	6.1	6.1	5.6		6		-				-		-	
						3.3	0.2	300	28.6		8.0		21.0		88.8		6.1		5.6		6		-				-		-	
SR7	Sunny	Moderate	15:52	18.7	Surface	1.0	0.1	325	28.9	28.9	8.2	8.2	23.0	23.0	125.8	125.8	8.5	7.5	1.6	4.3	6	6	-	-	823637	823743	-	-	-	-
						1.0	0.1	352	28.9		8.2		23.0		125.7		8.5		1.6		6		-				-		-	
					Middle	9.4	0.1	246	27.3	27.3	8.0	8.0	27.9	27.9	95.2	95.1	6.5		2.7		5		-				-		-	
						9.4	0.1	269	27.3		8.0		27.9		95.0		6.5		2.7		5		-				-		-	
					Bottom	17.7	0.1	80	26.1	26.1	7.9	7.9	31.2	31.2	73.1	73.2	5.0	5.0	8.9		6		-				-		-	
						17.7	0.1	80	26.1		7.9		31.2		73.2		5.0		8.6		5		-				-		-	
SR8	Sunny	Calm	14:42	3.7	Surface	1.0	-	-	28.6	28.6	8.0	8.0	21.4	21.4	96.7	96.8	6.7	6.7	4.1	3.9	4	5	-	-	820246	811418	-	-	-	-
						1.0	-	-	28.6		8.0		21.4		96.8		6.7		4.1		5		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	-	-	28.4	28.4	8.0	8.0	22.4	22.4	96.2	96.1	6.6	6.6	3.7		4		-				-		-	
						2.7	-	-	28.4		8.0		22.4		96.0		6.6		3.8		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 26 May 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	11:23	8.6	Surface	1.0	0.2	25	28.1	28.1	8.0	8.0	18.3	18.3	85.3	85.3	6.0	5.9	17.4	20.6	4	5	77	76	815627	804260	<0.2	<0.2	2.3	2.1
						1.0	0.2	27	28.1		8.0		18.3		85.3		6.0		17.4		6		77				<0.2		1.8	
					Middle	4.3	0.3	51	27.8	27.8	7.9	7.9	24.9	24.9	84.4	84.4	5.8		21.5		5		74				<0.2		2.1	
						4.3	0.4	55	27.8		7.9		24.9		84.4		5.8		21.5		4		76				<0.2		2.0	
					Bottom	7.6	0.2	55	27.0	27.0	7.8	7.8	27.9	27.9	96.5	96.5	6.6	6.6	23.0		5		75				<0.2		1.9	
						7.6	0.3	60	27.0		7.8		27.9		96.5		6.6		23.0		4		79				<0.2		2.3	
C2	Cloudy	Moderate	12:50	11.4	Surface	1.0	0.8	178	29.8	29.9	8.0	8.0	18.1	18.0	101.7	101.8	7.0	6.4	7.8	12.0	8	8	75	77	825686	806943	<0.2	<0.2	2.0	2.0
						1.0	0.8	181	29.9		8.0		18.0		101.8		7.0		7.8		8		75				<0.2		1.9	
					Middle	5.7	0.7	172	28.4	28.4	7.9	7.9	20.6	20.7	83.8	83.6	5.8		13.3		9		76				<0.2		2.4	
						5.7	0.7	181	28.3		7.9		20.7		83.4		5.8		13.2		9		77				<0.2		2.0	
					Bottom	10.4	0.6	150	27.7	27.7	7.9	7.9	26.1	26.1	74.7	74.9	5.1	5.1	14.9		8		78				<0.2		2.5	
						10.4	0.6	151	27.7		7.9		26.1		75.0		5.1		14.8		8		78				<0.2		1.2	
C3	Cloudy	Moderate	10:27	12.3	Surface	1.0	0.7	111	28.5	28.5	8.1	8.1	22.9	22.9	93.5	93.5	6.4	6.3	3.7	4.6	6	6	73	75	822082	817773	<0.2	<0.2	1.5	1.8
						1.0	0.8	120	28.5		8.1		22.9		93.5		6.4		3.7		6		73				<0.2		1.9	
					Middle	6.2	0.4	95	28.2	28.2	8.1	8.1	24.2	24.3	91.6	91.6	6.2		4.4		5		74				<0.2		1.8	
						6.2	0.4	95	28.2		8.1		24.3		91.5		6.2		4.5		7		75				<0.2		1.7	
					Bottom	11.3	0.2	88	28.0	28.0	8.1	8.1	25.0	25.0	90.8	90.8	6.2	6.2	5.6		7		76				<0.2		1.8	
						11.3	0.2	90	28.0		8.1		25.0		90.8		6.2		5.6		7		77				<0.2		1.8	
IM1	Sunny	Moderate	11:40	5.3	Surface	1.0	0.2	326	28.7	28.7	8.1	8.1	18.8	18.8	91.6	91.6	6.4	6.4	15.9	16.3	4	5	79	78	817973	807107	<0.2	<0.2	1.6	1.8
						1.0	0.2	331	28.7		8.0		18.8		91.6		6.4		15.9		6		77				<0.2		1.9	
					Middle	2.7	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.7	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.3	0.2	10	28.1	28.1	7.9	7.9	23.3	23.3	96.2	96.2	6.6	6.6	16.7		4		78				<0.2		1.7	
						4.3	0.3	10	28.1		7.9		23.3		96.2		6.6		16.7		4		77				<0.2		2.0	
IM2	Sunny	Moderate	11:46	6.6	Surface	1.0	0.1	327	29.0	29.0	8.1	8.1	18.7	18.7	90.7	90.7	6.3	6.0	16.2	18.8	5	7	74	76	818183	806167	<0.2	<0.2	1.4	1.7
						1.0	0.1	356	29.0		8.1		18.7		90.7		6.3		16.2		6		76				<0.2		1.8	
					Middle	3.3	0.1	29	27.7	27.7	7.9	7.9	24.0	24.0	81.1	81.1	5.6		21.1		6		75				<0.2		1.9	
						3.3	0.1	31	27.7		7.9		24.0		81.1		5.6		21.1		7		75				<0.2		1.8	
					Bottom	5.6	0.1	33	26.8	26.8	7.8	7.8	27.5	27.5	92.6	92.6	6.3	6.3	19.1		8		79				<0.2		1.6	
						5.6	0.1	35	26.8		7.8		27.5		92.6		6.3		19.1		8		78				<0.2		1.5	
IM3	Sunny	Moderate	11:51	6.5	Surface	1.0	0.3	346	29.4	29.4	8.1	8.1	18.6	18.6	102.8	102.8	7.1	6.9	13.2	15.3	6	5	78	80	818770	805580	<0.2	<0.2	1.9	1.9
						1.0	0.3	318	29.4		8.1		18.6		102.8		7.1		13.2		4		76				<0.2		2.0	
					Middle	3.3	0.2	0	28.8	28.8	8.0	8.0	19.7	19.7	94.9	94.9	6.6		14.3		5		77				<0.2		2.0	
						3.3	0.2	0	28.8		8.0		19.7		94.9		6.6		14.3		6		77				<0.2		2.0	
					Bottom	5.5	0.3	60	27.8	27.8	7.9	7.9	26.2	26.2	104.1	104.1	7.1	7.1	18.3		6		82				<0.2		1.5	
						5.5	0.3	63	27.8		7.9		26.2		104.1		7.1		18.3		5		88				<0.2		1.8	
IM4	Sunny	Moderate	11:59	6.8	Surface	1.0	0.5	304	29.4	29.4	8.0	8.0	17.8	17.8	99.0	99.0	6.9	6.7	18.9	20.4	6	6	76	76	819707	804619	<0.2	<0.2	1.0	1.6
						1.0	0.5	307	29.4		8.0		17.8		99.0		6.9		18.9		4		73				<0.2		1.9	
					Middle	3.4	0.1	307	28.8	28.8	7.9	7.9	19.2	19.2	93.1	93.1	6.5		19.2		6		79				<0.2		1.6	
						3.4	0.1	335	28.8		7.9		19.2		93.1		6.5		19.2		5		80				<0.2		1.2	
					Bottom	5.8	0.1	279	28.7	28.7	7.9	7.9	23.3	23.3	102.0	102.0	6.9	6.9	23.0		6		74				<0.2		1.5	
						5.8	0.1	300	28.7		7.9		23.3		102.0		6.9		23.0		6		76				<0.2		2.2	
IM5	Sunny	Moderate	12:08	6.7	Surface	1.0	0.2	352	29.6	29.6	8.1	8.1	17.5	17.5	106.0	105.8	7.3	6.7	15.2	17.1	5	6	73	76	820738	804837	<0.2	<0.2	2.2	2.1
						1.0	0.3	324	29.6		8.1		17.5		105.5		7.3		15.3		6		73				<0.2		2.0	
					Middle	3.4	0.3	8	28.8	28.8	8.0	8.0	18.7	18.7	88.1	88.1	6.1		18.8		7		76				<0.2		2.2	
						3.4	0.3	8	28.8		8.0		18.7		88.1		6.1		18.8		6		76				<0.2		2.0	
					Bottom	5.7	0.4	353	28.6	28.6	7.9	7.9	21.9	21.9	89.9	89.9	6.2	6.2	17.2		7		78				<0.2		1.7	
						5.7	0.4	325	28.6		7.9		21.9		89.9		6.2		17.2		5		78				<0.2		2.2	
IM6	Sunny	Moderate	12:14	7.0	Surface	1.0	0.2	187	29.5	29.5	8.1	8.1	17.6	17.6	103.9	103.9	7.2	6.9	18.0	20.3	6	5	77	78	821033	805812	<0.2	<0.2	1.6	1.8
						1.0	0.2	203	29.5		8.1		17.6		103.9		7.2		18.0		4		76				<0.2		1.4	
					Middle	3.5	0.2	284	28.9	28.9	7.9	7.9	19.3	19.3	94.1	94.1	6.5		21.8		5		78				<0.2		1.7	
						3.5	0.3	301	28.9		7.9		19.3		94.1		6.5		21.8		5		79				<0.2		2.0	
					Bottom	6.0	0.1	32	28.4	28.4	7.9	7.9	21.3	21.3	89.7	89.7	6.2	6.2	21.1		6		76				<0.2		1.9	
						6.0	0.1	33	28.4		7.9		21.3		89.7		6.2		21.1		5		79				<0.2		1.9	
IM7	Sunny	Moderate	12:21	6.8	Surface	1.0	0.2	306	29.2	29.2	8.0	8.0	17.8	17.8	98.2	98.2	6.8	6.8	13.9	14.3	5	6	77	76	821355	806817	<0.2	<0.2	1.9	2.0
						1.0	0.2	315	29.2		8.0		17.8		98.2		6.8		13.9		6		76				<0.2		2.0	
					Middle	3.4	0.1	14	28.8	28.8	7.9	7.9	19.4	19.4	95.9	95.9	6.7		14.5		6		75				<0.2		2.2	
						3.4	0.1	14	28.8		7.9		19.4		95.9		6.7		14.5		6		74				<0.2		2.3	
					Bottom	5.8	0.2	30	28.9	28.9	7.9	7.9	20.8	20.8	103.4	103.4	7.1	7.1	14.6		4		78				<0.2		1.8	
						5.8	0.2	30	28.9		7.9		20.8		103.4		7.1		14.6		6		78				<0.2		1.8	
IM8	Cloudy	Moderate	12:19	7.5	Surface	1.0	0.2	195	29.4	29.4	8.0	8.0	18.9	18.9	101.0	101.0	7.0	6.7	6.1	8.6	6	6	74	76	821826	808141	<0.2	<0.2	2.1	2.1
						1.0	0.2	212	29.4		8.0		18.9		100.9		7.0		6.2		6		74				<0.2		1.9	
					Middle	3.8	0.3	170	28.8	28.8	8.0	8.0	19.6	19.6	91.5	91.5	6.3		9.2		5		77				<0.2		2.2	
						3.8	0.3	173	28.8		8.0		19.6		91.5		6.3		9.2		5		77				<0.2		1.8	
					Bottom	6.5	0.1	194	28.6	28.6	7.9	7.9	21.5	21.5	87.3	87.4	6.0	6.0	10.5		7		78				<0.2		2.4	
						6.5	0.1	211	28.6		7.9		21.5		87.4		6.0		10.5		5		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 26 May 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	12:12	7.0	Surface	1.0	0.5	135	29.7	29.7	8.0	8.0	18.4	18.4	105.3	105.2	7.2	6.9	6.9	9.1	5	6	74	75	822066	808800	<0.2	<0.2	2.1	2.1
						1.0	0.5	142	29.7		8.0		18.4		105.1		7.2		7.0		5		74				<0.2		2.0	
					Middle	3.5	0.4	143	29.1	29.1	8.0	8.0	18.8	18.8	95.0	95.0	6.6		9.2		6		75				<0.2		2.1	
						3.5	0.4	155	29.1		8.0		18.8		95.0		6.6		9.3		6		75				<0.2		2.0	
					Bottom	6.0	0.3	122	28.6	28.6	8.0	8.0	21.2	21.2	86.6	86.7	6.0	6.0	11.1		6		76				<0.2		2.1	
						6.0	0.3	131	28.6		8.0		21.2		86.7		6.0		11.1		6		77				<0.2		2.2	
IM10	Cloudy	Moderate	12:02	7.1	Surface	1.0	0.7	120	29.5	29.5	8.0	8.0	18.0	18.0	103.8	103.8	7.2	7.1	7.0	9.0	5	6	73	75	822399	809820	<0.2	<0.2	2.6	2.3
						1.0	0.7	129	29.5		8.0		18.0		103.8		7.2		7.1		6		73				<0.2		2.4	
					Middle	3.6	0.7	126	29.3	29.3	8.0	8.0	18.4	18.4	99.8	99.8	6.9		8.3		7		75				<0.2		2.2	
						3.6	0.8	127	29.3		8.0		18.4		99.7		6.9		8.4		6		75				<0.2		2.1	
					Bottom	6.1	0.5	115	28.7	28.7	8.0	8.0	20.6	20.6	90.1	90.2	6.2	6.2	11.5		6		77				<0.2		2.2	
						6.1	0.5	115	28.7		8.0		20.6		90.2		6.2		11.4		6		77				<0.2		2.2	
IM11	Cloudy	Moderate	11:45	7.3	Surface	1.0	0.7	110	29.2	29.2	8.0	8.0	18.7	18.7	101.3	101.2	7.0	6.6	5.4	10.9	4	4	73	75	822058	811431	<0.2	<0.2	2.3	2.7
						1.0	0.7	116	29.2		8.0		18.7		101.1		7.0		5.5		4		74				<0.2		2.9	
					Middle	3.7	0.6	104	28.7	28.7	8.0	8.0	20.2	20.2	89.4	89.4	6.2		12.0		4		74				<0.2		3.2	
						3.7	0.6	111	28.7		8.0		20.2		89.4		6.2		12.5		5		75				<0.2		3.1	
					Bottom	6.3	0.5	102	28.7	28.7	8.0	8.0	20.3	20.3	89.6	89.7	6.2	6.2	14.8		4		77				<0.2		2.3	
						6.3	0.5	112	28.7		8.0		20.3		89.7		6.2		14.9		4		77				<0.2		2.6	
IM12	Cloudy	Moderate	11:36	7.7	Surface	1.0	0.7	101	29.2	29.2	8.0	8.0	19.2	19.2	97.2	97.2	6.7	6.4	6.0	12.5	4	5	73	75	821470	812037	<0.2	<0.2	2.2	2.3
						1.0	0.7	106	29.2		8.0		19.2		97.1		6.7		6.1		6		73				<0.2		2.2	
					Middle	3.9	0.6	104	28.8	28.8	8.0	8.0	20.1	20.1	88.8	88.8	6.1		11.0		5		75				<0.2		2.2	
						3.9	0.7	106	28.8		8.0		20.1		88.8		6.1		11.1		7		75				<0.2		2.2	
					Bottom	6.7	0.4	89	28.7	28.7	8.0	8.0	20.6	20.6	88.0	88.2	6.1	6.1	20.5		5		77				<0.2		2.2	
						6.7	0.4	93	28.7		8.0		20.6		88.3		6.1		20.5		5		76				<0.2		2.5	
SR2	Cloudy	Moderate	11:02	4.2	Surface	1.0	0.7	94	29.3	29.3	8.1	8.1	18.4	18.4	104.1	104.1	7.2	7.2	3.8	4.7	2	3	74	76	821445	814151	<0.2	<0.2	2.0	1.9
						1.0	0.7	95	29.3		8.1		18.4		104.0		7.2		3.8		2		74				<0.2		1.8	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.4	105	28.9	28.9	8.1	8.1	20.0	20.0	96.5	96.5	6.7	6.7	5.6		3		77				<0.2		2.0	
						3.2	0.4	109	28.9		8.1		20.0		96.5		6.7		5.7		4		77				<0.2		1.8	
SR3	Cloudy	Moderate	12:26	9.1	Surface	1.0	0.3	195	29.2	29.2	8.0	8.0	19.0	19.0	96.8	96.8	6.7	6.5	5.8	7.7	5	5	-	-	822145	807549	-	-	-	-
						1.0	0.3	197	29.2		8.0		19.0		96.7		6.7		5.9		5		-				-		-	
					Middle	4.6	0.3	187	28.8	28.8	8.0	8.0	19.7	19.7	90.7	90.7	6.3		6.3		5		-				-		-	
						4.6	0.3	202	28.8		8.0		19.7		90.7		6.3		6.4		5		-				-		-	
					Bottom	8.1	0.2	223	28.5	28.5	7.9	7.9	22.2	22.2	85.5	85.6	5.9	5.9	10.8		6		-				-		-	
						8.1	0.2	229	28.5		7.9		22.2		85.7		5.9		10.8		5		-				-		-	
SR4A	Sunny	Moderate	11:05	8.8	Surface	1.0	0.2	274	29.5	29.5	8.1	8.1	18.3	18.3	85.7	85.7	5.9	5.6	19.8	21.2	3	5	-	-	817173	807815	-	-	-	-
						1.0	0.2	287	29.5		8.1		18.3		85.7		5.9		19.8		5		-				-		-	
					Middle	4.4	0.1	257	27.1	27.1	7.9	7.9	26.3	26.3	77.6	77.6	5.3		21.2		4		-				-		-	
						4.4	0.1	279	27.1		7.9		26.3		77.6		5.3		21.2		4		-				-		-	
					Bottom	7.8	0.0	79	27.1	27.1	7.8	7.8	26.5	26.5	85.0	85.3	5.8	5.9	22.7		7		-				-		-	
						7.8	0.0	85	27.1		7.8		26.5		85.5		5.9		22.7		9		-				-		-	
SR5A	Sunny	Moderate	10:49	4.5	Surface	1.0	0.1	190	29.4	29.4	8.1	8.1	18.2	18.3	107.8	107.8	7.5	7.5	11.7	12.2	4	5	-	-	816588	810685	-	-	-	-
						1.0	0.1	195	29.4		8.1		18.3		107.8		7.5		11.6		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.1	201	29.4	29.4	8.0	8.0	20.1	20.1	107.4	107.4	7.3	7.3	12.7		4		-				-		-	
						3.5	0.1	218	29.4		8.0		20.1		107.4		7.3		12.7		6		-				-		-	
SR6	Sunny	Moderate	10:24	4.9	Surface	1.0	0.1	233	29.2	29.2	8.0	8.0	19.6	19.6	109.2	109.2	7.5	7.5	8.6	9.1	4	4	-	-	817894	814677	-	-	-	-
						1.0	0.1	251	29.2		8.0		19.6		109.2		7.5		8.6		3		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.9	0.1	78	29.0	29.0	7.9	7.9	20.2	20.2	110.4	110.4	7.6	7.6	9.5		4		-				-		-	
						3.9	0.1	85	29.0		7.9		20.2		110.4		7.6		9.5		3		-				-		-	
SR7	Cloudy	Moderate	09:46	18.9	Surface	1.0	0.6	83	28.3	28.3	8.0	8.0	23.9	23.9	94.3	94.3	6.4	5.9	1.5	2.5	<2	≤2	-	-	823632	823765	-	-	-	-
						1.0	0.7	88	28.3		8.0		23.9		94.2		6.4		1.6		<2		-				-		-	
					Middle	9.5	0.2	77	27.2	27.2	7.9	7.9	27.9	27.9	79.3	79.3	5.4		2.5		<2		-				-		-	
						9.5	0.2	84	27.2		7.9		27.9		79.2		5.4		2.5		<2		-				-		-	
					Bottom	17.9	0.1	26	26.8	26.8	7.9	7.9	29.4	29.4	74.2	74.1	5.0	5.0	3.4		<2		-				-		-	
						17.9	0.1	26	26.8		7.9		29.5		74.0		5.0		3.5		<2		-				-		-	
SR8	Cloudy	Calm	11:24	3.6	Surface	1.0	-	-	29.1	29.1	8.2	8.2	19.4	19.4	100.6	100.6	6.9	6.9	10.9	11.7	5	8	-	-	820246	811418	-	-	-	-
						1.0	-	-	29.1		8.2		19.4		100.6		6.9		11.1		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.6	-	-	28.9	28.9	8.1	8.1	20.0	20.0	96.6	96.7	6.7	6.7	12.4		9		-				-		-	
						2.6	-	-	28.9		8.1		20.0		96.7		6.7		12.5		11		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 26 May 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	16:37	7.3	Surface	1.0	0.1	248	30.1	30.1	8.1	8.1	18.2	18.2	117.7	117.7	8.0	7.8	13.7	14.3	5	7	77	76	815625	804223	<0.2	<0.2	2.1	1.9
						1.0	0.1	263	30.1		8.1		18.2		117.7		8.0		13.7		5		77				<0.2		2.0	
					Middle	3.7	0.1	89	29.8	29.8	8.1	8.1	18.7	18.7	109.9	109.9	7.5		14.0		8		76				<0.2		1.8	
						3.7	0.1	89	29.8		8.1		18.7		109.9		7.5		14.0		8		73				<0.2		1.9	
					Bottom	6.3	0.0	329	29.0	29.0	8.0	8.0	19.9	19.9	101.2	101.2	7.0	7.0	15.1		8		74				<0.2		1.8	
						6.3	0.0	356	29.0		8.0		19.9		101.2		7.0		15.1		8		78				<0.2		1.7	
C2	Sunny	Moderate	15:41	11.7	Surface	1.0	0.2	215	29.9	29.9	8.0	8.0	16.2	16.2	109.9	109.9	7.6	6.5	7.9	9.1	7	7	72	75	825682	806957	<0.2	<0.2	2.8	2.4
						1.0	0.2	232	29.9		8.0		16.2		109.8		7.6		7.9		8		73				<0.2		2.7	
					Middle	5.9	0.3	177	28.5	28.5	7.8	7.8	20.8	20.8	78.4	78.3	5.4		7.3		7		74				<0.2		2.3	
						5.9	0.4	192	28.5		7.8		20.9		78.2		5.4		7.5		8		75				<0.2		2.4	
					Bottom	10.7	0.1	16	27.9	27.9	7.8	7.8	24.8	24.8	71.3	71.3	4.9	4.9	12.1		7		77				<0.2		2.1	
						10.7	0.1	17	27.9		7.8		24.8		71.3		4.9		12.1		6		77				<0.2		2.0	
C3	Sunny	Moderate	17:48	12.6	Surface	1.0	0.4	243	29.4	29.4	8.1	8.1	20.0	20.0	107.8	107.6	7.4	6.3	3.3	5.6	3	4	74	77	822119	817775	<0.2	<0.2	2.1	1.8
						1.0	0.4	260	29.4		8.1		20.0		107.4		7.4		3.2		4		74				<0.2		1.9	
					Middle	6.3	0.6	264	27.1	27.1	7.9	7.9	28.2	28.2	74.7	74.7	5.1		4.4		3		77				<0.2		2.0	
						6.3	0.6	288	27.1		7.9		28.2		74.7		5.1		4.4		3		77				<0.2		1.6	
					Bottom	11.6	0.4	298	27.0	27.0	7.9	7.9	28.8	28.8	75.5	75.6	5.1	5.1	9.2		4		79				<0.2		1.5	
						11.6	0.4	318	27.0		7.9		28.8		75.7		5.1		9.2		4		79				<0.2		1.5	
IM1	Sunny	Moderate	16:23	5.2	Surface	1.0	0.1	197	29.9	29.9	8.0	8.0	19.2	19.2	94.4	94.0	6.4	6.4	19.0	19.4	7	7	71	74	817977	807112	<0.2	<0.2	1.8	1.6
						1.0	0.1	203	29.9		8.0		19.2		93.6		6.4		19.2		7		72				<0.2		1.8	
					Middle	2.6	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.6	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.2	0.1	80	27.3	27.3	7.9	7.9	26.5	26.5	99.7	99.7	6.8	6.8	19.7		8		75				<0.2		1.3	
						4.2	0.1	87	27.3		7.9		26.5		99.7		6.8		19.7		7		77				<0.2		1.4	
IM2	Sunny	Moderate	16:18	6.5	Surface	1.0	0.1	249	29.8	29.8	8.1	8.1	19.5	19.5	109.9	109.9	7.5	7.2	13.6	15.7	4	5	73	75	818177	806162	<0.2	<0.2	1.5	1.5
						1.0	0.1	262	29.8		8.1		19.5		109.9		7.5		13.6		4		73				<0.2		1.8	
					Middle	3.3	0.0	240	29.2	29.2	8.0	8.0	19.9	19.9	99.1	99.1	6.8		15.9		6		74				<0.2		1.5	
						3.3	0.0	249	29.2		8.0		19.9		99.1		6.8		15.9		5		76				<0.2		1.7	
					Bottom	5.5	0.0	121	27.2	27.2	7.9	7.9	26.5	26.5	99.0	99.0	6.8	6.8	17.7		4		75				<0.2		1.3	
						5.5	0.0	125	27.2		7.9		26.5		99.0		6.8		17.7		6		79				<0.2		1.3	
IM3	Sunny	Moderate	16:11	6.3	Surface	1.0	0.1	204	29.4	29.4	8.0	8.0	18.4	18.4	105.5	105.5	7.3	7.1	14.4	16.0	6	7	79	78	818804	805576	<0.2	<0.2	2.1	1.9
						1.0	0.1	217	29.4		8.0		18.4		105.5		7.3		14.4		7		78				<0.2		2.1	
					Middle	3.2	0.0	188	29.4	29.4	8.0	8.0	18.6	18.6	99.2	99.2	6.8		17.5		7		77				<0.2		2.0	
						3.2	0.0	201	29.4		8.0		18.6		99.2		6.8		17.5		8		77				<0.2		1.6	
					Bottom	5.3	0.1	59	29.2	29.2	8.0	8.0	24.1	24.1	104.1	104.1	7.0	7.0	16.2		8		77				<0.2		1.5	
						5.3	0.1	59	29.2		8.0		24.1		104.1		7.0		16.2		8		78				<0.2		1.9	
IM4	Sunny	Moderate	16:02	6.8	Surface	1.0	0.2	221	30.0	30.0	8.0	8.0	17.5	17.5	105.9	105.9	7.3	7.1	19.8	19.5	8	8	74	76	819732	804600	<0.2	<0.2	2.2	2.2
						1.0	0.2	234	30.0		8.0		17.5		105.9		7.3		19.8		8		79				<0.2		2.1	
					Middle	3.4	0.1	188	29.2	29.2	7.9	7.9	18.7	18.7	99.0	99.0	6.8		17.7		8		75				<0.2		2.4	
						3.4	0.1	199	29.2		7.9		18.7		99.0		6.8		17.7		7		75				<0.2		2.2	
					Bottom	5.8	0.2	40	28.9	29.0	7.9	7.9	19.1	19.0	96.2	98.1	6.7	6.8	20.9		7		76				<0.2		2.1	
						5.8	0.2	41	29.1		7.9		18.9		100.0		6.9		20.9		8		76				<0.2		2.2	
IM5	Sunny	Moderate	15:54	6.6	Surface	1.0	0.0	208	29.8	29.8	7.9	7.9	17.4	17.4	102.6	102.6	7.1	7.0	17.3	20.7	6	7	75	78	820751	804852	<0.2	<0.2	1.9	2.1
						1.0	0.0	216	29.8		7.9		17.4		102.6		7.1		17.3		6		76				<0.2		2.3	
					Middle	3.3	0.2	89	29.3	29.3	7.9	7.9	17.8	17.8	100.0	100.0	6.9		19.0		8		78				<0.2		1.9	
						3.3	0.2	89	29.3		7.9		17.8		100.0		6.9		19.0		6		79				<0.2		2.3	
					Bottom	5.6	0.1	91	29.2	29.2	7.9	7.9	19.2	19.2	104.8	104.8	7.2	7.2	25.7		8		80				<0.2		2.2	
						5.6	0.1	91	29.2		7.9		19.2		104.8		7.2		25.7		9		77				<0.2		2.1	
IM6	Sunny	Moderate	15:48	6.8	Surface	1.0	0.2	231	29.7	29.7	7.9	7.9	17.9	17.9	100.0	100.0	6.9	6.8	19.8	20.5	7	6	77	75	821089	805843	<0.2	<0.2	2.1	2.1
						1.0	0.2	252	29.7		7.9		17.9		100.0		6.9		19.8		6		74				<0.2		1.8	
					Middle	3.4	0.1	87	28.9	28.9	7.9	7.9	19.5	19.5	95.5	95.5	6.6		20.1		6		73				<0.2		2.2	
						3.4	0.1	90	28.9		7.9		19.5		95.5		6.6		20.1		6		73				<0.2		2.6	
					Bottom	5.8	0.2	104	28.9	28.9	7.9	7.9	19.6	19.6	95.5	95.5	6.6	6.6	21.5		5		75				<0.2		1.8	
						5.8	0.2	109	28.9		7.9		19.6		95.5		6.6		21.5		6		75				<0.2		1.9	
IM7	Sunny	Moderate	15:41	7.0	Surface	1.0	0.1	192	29.6	29.6	7.9	7.9	16.9	16.9	98.0	98.0	6.8	6.7	20.3	21.2	6	6	76	76	821364	806831	<0.2	<0.2	2.5	2.6
						1.0	0.1	195	29.6		7.9		16.9		98.0		6.8		20.3		6		76				<0.2		2.6	
					Middle	3.5	0.1	50	28.9	28.9	7.8	7.8	19.2	19.2	95.1	95.1	6.6		20.2		6		74				<0.2		2.8	
						3.5	0.1	52	28.9		7.8		19.2		95.1		6.6		20.2		6		76				<0.2		2.1	
					Bottom	6.0	0.1	100	28.9	28.9	7.8	7.8	19.6	19.6	99.1	99.1	6.9	6.9	23.1		6		78				<0.2		2.7	
						6.0	0.1	103	28.9		7.8		19.6		99.1		6.9		23.1		6		78				<0.2		2.7	
IM8	Sunny	Moderate	16:08	7.2	Surface	1.0	0.2	282	30.7	30.7	8.1	8.1	16.3	16.3	126.9	126.8	8.7	7.7	5.6	6.2	4	4	74	75	821837	808152	<0.2	<0.2	2.6	2.7
						1.0	0.2	302	30.7		8.1		16.3		126.7		8.7		5.6		4		74				<0.2		2.1	
					Middle	3.6	0.3	275	29.3	29.3	7.9	7.9	19.0	19.0	96.8	96.9	6.7		5.5		4		75				<0.2		3.2	
						3.6	0.3	278	29.3		7.9		19.0		96.9		6.7		5.6		4		75				<0.2		2.9	
					Bottom	6.2	0.1	237	28.9	28.9	7.9	7.9	20.1	20.1	92.1	92.3	6.4	6.4	7.6		5		76				<0.2		2.7	
						6.2	0.1	253	28.9		7.9		20.1		92.5		6.4		7.7		3		77				<0.2		2.8	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 26 May 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	16:18	7.1	Surface	1.0	0.1	285	30.5	30.5	8.1	8.1	16.3	16.3	118.5	118.4	8.1	7.5	6.0	5.9	5	5	73	75	822081	808804	<0.2	<0.2	2.6	2.8
						1.0	0.1	300	30.5		8.1		16.3		118.3		8.1		6.0		5		73				<0.2		3.0	
					Middle	3.6	0.1	237	29.3	29.3	7.9	7.9	19.0	19.0	99.1	99.1	6.8		5.2		5		75				<0.2		3.0	
						3.6	0.1	258	29.3		7.9		19.0		99.0		6.8		5.2		5		75				<0.2		2.6	
					Bottom	6.1	0.1	298	28.9	28.9	7.9	7.9	20.3	20.3	92.0	92.1	6.3	6.3	6.5		5		77				<0.2		2.4	
						6.1	0.2	311	28.9		7.9		20.3		92.1		6.3		6.5		5		77				<0.2		3.0	
IM10	Sunny	Moderate	16:28	6.3	Surface	1.0	0.2	349	30.7	30.7	8.2	8.2	16.4	16.4	129.8	129.7	8.9	7.5	5.5	7.2	4	4	74	77	822388	809803	<0.2	<0.2	2.2	2.3
						1.0	0.2	321	30.7		8.2		16.4		129.6		8.9		5.6		3		75				<0.2		2.2	
					Middle	3.2	0.4	318	28.9	28.9	7.9	7.9	20.5	20.4	88.8	88.8	6.1		7.2		6		77				<0.2		2.3	
						3.2	0.5	327	28.9		7.9		20.4		88.8		6.1		7.1		4		77				<0.2		2.6	
					Bottom	5.3	0.4	302	28.8	28.8	7.9	7.9	20.7	20.7	86.5	86.6	6.0	6.0	8.6		4		78				<0.2		2.2	
						5.3	0.4	322	28.8		7.9		20.7		86.6		6.0		8.9		4		78				<0.2		2.3	
IM11	Sunny	Moderate	16:41	7.1	Surface	1.0	0.4	328	29.8	29.8	8.0	8.0	18.7	18.7	111.2	111.2	7.6	6.9	4.9	7.8	5	4	74	77	822066	811486	<0.2	<0.2	2.2	2.2
						1.0	0.5	346	29.8		8.0		18.7		111.2		7.6		4.8		4		75				<0.2		2.1	
					Middle	3.6	0.6	302	28.8	28.8	8.0	8.0	20.5	20.5	89.3	89.2	6.2		6.6		4		77				<0.2		2.1	
						3.6	0.6	330	28.8		8.0		20.5		89.0		6.1		6.7		4		77				<0.2		2.4	
					Bottom	6.1	0.3	289	28.2	28.2	7.9	7.9	23.4	23.4	79.3	79.4	5.4	5.4	12.2		3		78				<0.2		2.4	
						6.1	0.3	305	28.2		7.9		23.4		79.4		5.4		11.7		4		78				<0.2		2.1	
IM12	Sunny	Moderate	16:49	7.5	Surface	1.0	0.6	304	29.5	29.5	8.1	8.1	19.3	19.3	109.7	109.7	7.5	7.5	4.6	8.6	2	2	75	77	821448	812019	<0.2	<0.2	2.3	2.3
						1.0	0.6	331	29.5		8.1		19.3		109.6		7.5		4.8		2		76				<0.2		2.2	
					Middle	3.8	0.6	289	29.5	29.5	8.1	8.1	21.1	21.1	109.3	109.3	7.4		6.4		2		77				<0.2		2.1	
						3.8	0.6	316	29.5		8.1		21.1		109.2		7.4		6.1		2		77				<0.2		2.4	
					Bottom	6.5	0.4	287	28.7	28.7	7.9	7.9	23.0	23.0	95.0	94.8	6.5	6.5	14.5		3		79				<0.2		2.4	
						6.5	0.4	292	28.7		7.9		23.1		94.6		6.4		15.1		2		79				<0.2		2.2	
SR2	Sunny	Moderate	17:23	4.1	Surface	1.0	0.2	306	28.9	28.9	8.0	8.0	22.3	22.3	97.0	97.0	6.6	6.6	11.0	13.3	5	6	76	77	821489	814143	<0.2	<0.2	2.0	1.9
						1.0	0.2	320	28.9		8.0		22.3		97.0		6.6		11.0		6		76				<0.2		2.0	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	0.2	324	28.7	28.7	7.9	7.9	22.9	22.9	92.0	92.0	6.3	6.3	15.5		6		78				<0.2		1.8	
						3.1	0.2	329	28.7		7.9		22.9		92.0		6.3		15.7		6		78				<0.2		1.9	
SR3	Sunny	Moderate	16:02	8.0	Surface	1.0	0.2	200	30.5	30.5	8.1	8.1	16.2	16.2	127.8	127.7	8.8	7.5	5.8	8.0	4	5	-	-	822132	807570	-	-	-	-
						1.0	0.2	205	30.5		8.1		16.2		127.5		8.8		5.9		5		-				-		-	
					Middle	4.0	0.1	232	28.9	28.9	7.9	7.9	19.9	19.9	89.1	89.1	6.1		6.5		4		-				-		-	
						4.0	0.1	233	28.9		7.9		20.0		89.0		6.1		6.6		3		-				-		-	
					Bottom	7.0	0.1	285	28.8	28.8	7.9	7.9	20.5	20.5	88.3	88.4	6.1	6.1	11.7		6		-				-		-	
						7.0	0.1	309	28.8		7.9		20.5		88.5		6.1		11.4		7		-				-		-	
SR4A	Sunny	Moderate	16:52	8.6	Surface	1.0	0.2	78	29.6	29.6	8.0	8.0	20.2	20.2	97.1	97.1	6.6	6.4	19.2	20.7	7	7	-	-	817167	807811	-	-	-	-
						1.0	0.2	84	29.6		8.0		20.2		97.1		6.6		19.2		8		-				-		-	
					Middle	4.3	0.1	65	29.1	29.1	7.9	7.9	21.3	21.3	91.4	91.4	6.2		21.4		7		-				-		-	
						4.3	0.1	67	29.1		7.9		21.3		91.4		6.2		21.4		7		-				-		-	
					Bottom	7.6	0.1	171	28.4	28.4	7.9	7.9	23.1	23.1	94.7	94.7	6.5	6.5	21.4		8		-				-		-	
						7.6	0.1	176	28.4		7.9		23.1		94.7		6.5		21.4		6		-				-		-	
SR5A	Sunny	Moderate	17:09	4.5	Surface	1.0	0.1	74	29.6	29.6	8.0	8.0	20.9	20.9	108.2	108.2	7.3	7.3	19.4	19.3	10	10	-	-	816606	810678	-	-	-	-
						1.0	0.1	79	29.6		8.0		20.9		108.2		7.3		19.4		11		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.1	1	29.5	29.5	8.0	8.0	21.2	21.2	108.0	108.0	7.3	7.3	19.1		10		-				-		-	
						3.5	0.1	1	29.5		8.0		21.2		108.0		7.3		19.1		9		-				-		-	
SR6	Sunny	Moderate	17:33	4.4	Surface	1.0	0.0	142	29.8	29.8	8.1	8.1	19.1	19.1	121.2	120.2	8.3	8.3	15.4	19.0	6	8	-	-	817927	814689	-	-	-	-
						1.0	0.0	146	29.7		8.1		19.1		119.2		8.2		15.8		8		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.4	0.1	86	29.4	29.4	8.0	8.0	20.9	20.9	114.3	114.3	7.8	7.8	22.3		10		-				-		-	
						3.4	0.1	87	29.4		8.0		20.9		114.3		7.8		22.3		8		-				-		-	
SR7	Sunny	Moderate	18:21	18.5	Surface	1.0	0.0	138	28.2	28.2	8.0	8.0	25.1	25.1	91.2	91.2	6.2	5.7	3.0	4.8	3	4	-	-	823643	823732	-	-	-	-
						1.0	0.0	145	28.2		8.0		25.1		91.1		6.2		3.1		4		-				-		-	
					Middle	9.3	0.2	197	26.9	26.9	7.9	7.9	29.3	29.3	75.1	75.1	5.1		4.4		4		-				-		-	
						9.3	0.2	206	26.9		7.9		29.3		75.1		5.1		4.4		5		-				-		-	
					Bottom	17.5	0.1	237	26.6	26.6	7.9	7.9	30.1	30.1	72.5	72.6	4.9	4.9	6.9		4		-				-		-	
						17.5	0.1	239	26.6		7.9		30.1		72.6		4.9		7.1		5		-				-		-	
SR8	Sunny	Moderate	17:07	3.9	Surface	1.0	-	-	29.6	29.6	8.1	8.1	19.4	19.4	110.7	110.7	7.6	7.6	4.1	4.6	5	5	-	-	820246	811418	-	-	-	-
						1.0	-	-	29.6		8.1		19.4		110.7		7.6		4.2		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	29.4	29.4	8.1	8.1	20.2	20.2	105.8	105.9	7.2	7.2	5.0		4		-				-		-	
						2.9	-	-	29.4		8.1		20.2		105.9		7.2		5.0		4		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 29 May 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	12:13	8.9	Surface	1.0	0.6	226	30.7	30.8	7.9	7.9	21.6	21.6	107.4	107.3	7.1	6.6	11.0	7.7	4	4	82	85	815613	804217	<0.2	<0.2	1.8	1.8
						1.0	0.6	246	30.8		7.9		21.6		107.1		7.1		11.0		3		82				<0.2		1.8	
					Middle	4.5	0.6	218	29.8	29.8	7.9	7.9	23.0	23.0	90.4	90.4	6.0		4.0		5		84				<0.2		1.6	
						4.5	0.6	222	29.8		7.9		23.0		90.3		6.0		4.1		4		84				<0.2		1.9	
					Bottom	7.9	0.4	216	28.7	28.7	7.9	7.9	25.0	25.0	77.4	77.5	5.2	5.2	8.0		5		88				<0.2		1.6	
						7.9	0.4	223	28.7		7.9		25.0		77.6		5.2		8.3		5		88				<0.2		1.8	
C2	Sunny	Calm	11:13	11.9	Surface	1.0	0.1	144	29.4	29.4	7.9	7.9	21.9	21.9	86.1	86.1	5.8	5.3	5.4	10.6	5	6	82	84	825706	806959	<0.2	<0.2	2.0	1.9
						1.0	0.1	145	29.4		7.9		21.9		86.0		5.8		5.5		4		82				<0.2		1.8	
					Middle	6.0	0.1	145	28.4	28.4	7.8	7.8	24.4	24.4	70.3	70.2	4.8		9.8		7		83				<0.2		2.0	
						6.0	0.1	147	28.3		7.8		24.5		70.1		4.8		10.2		6		84				<0.2		1.2	
					Bottom	10.9	0.3	129	27.5	27.5	7.9	7.9	27.7	27.7	69.6	69.7	4.7	4.7	16.1		7		85				<0.2		2.1	
						10.9	0.3	133	27.5		7.9		27.7		69.7		4.7		16.5		7		86				<0.2		2.1	
C3	Sunny	Calm	12:39	11.5	Surface	1.0	0.2	168	28.3	28.3	7.9	7.9	26.1	26.1	84.0	84.0	5.7	5.7	6.5	6.8	6	7	81	83	822122	817785	<0.2	<0.2	2.0	1.9
						1.0	0.2	179	28.3		7.9		26.1		84.0		5.7		6.5		7		82				<0.2		1.6	
					Middle	5.8	0.1	245	28.2	28.2	7.9	7.9	26.7	26.7	83.1	83.2	5.6		6.5		6		83				<0.2		1.6	
						5.8	0.1	262	28.1		7.9		26.7		83.2		5.6		6.5		8		83				<0.2		2.0	
					Bottom	10.5	0.2	103	28.1	28.1	7.9	7.9	26.8	26.8	84.6	84.9	5.7	5.7	7.2		8		85				<0.2		1.9	
						10.5	0.2	103	28.1		7.9		26.8		85.2		5.7		7.4		7		86				<0.2		2.3	
IM1	Sunny	Moderate	11:57	5.5	Surface	1.0	0.2	221	30.3	30.3	7.9	7.9	21.7	21.7	105.8	105.8	7.1	7.1	1.6	4.1	4	5	82	85	817964	807131	<0.2	<0.2	2.1	2.1
						1.0	0.2	241	30.2		7.9		21.7		105.7		7.1		1.7		5		83				<0.2		2.2	
					Middle	2.8	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.8	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.5	0.2	179	28.8	28.8	7.9	7.9	24.4	24.4	84.4	84.5	5.7	5.7	6.5		5		87				<0.2		1.9	
						4.5	0.2	182	28.8		7.9		24.4		84.5		5.7		6.5		4		88				<0.2		2.1	
IM2	Sunny	Moderate	11:51	7.6	Surface	1.0	0.4	188	30.2	30.3	7.9	7.9	22.1	22.0	95.7	95.6	6.4	6.2	1.7	5.9	4	4	83	86	818133	806137	<0.2	<0.2	1.8	1.9
						1.0	0.4	190	30.3		7.9		22.0		95.4		6.4		1.6		3		83				<0.2		1.9	
					Middle	3.8	0.4	190	29.2	29.2	7.9	7.9	22.9	22.9	87.6	87.6	5.9		3.5		3		86				<0.2		1.7	
						3.8	0.4	194	29.1		7.9		23.0		87.5		5.9		3.7		3		86				<0.2		2.0	
					Bottom	6.6	0.2	161	29.2	29.3	7.9	7.9	25.2	25.1	79.5	80.1	5.3	5.4	12.8		3		87				<0.2		1.9	
						6.6	0.2	172	29.3		7.9		25.1		80.6		5.4		12.4		5		88				<0.2		1.8	
IM3	Sunny	Moderate	11:46	7.8	Surface	1.0	0.3	202	29.0	29.0	7.8	7.8	24.1	24.1	79.3	79.4	5.3	5.2	2.9	3.9	4	6	84	86	818784	805609	<0.2	<0.2	1.7	1.8
						1.0	0.3	202	29.0		7.8		24.1		79.5		5.4		2.9		5		83				<0.2		1.8	
					Middle	3.9	0.3	179	28.5	28.5	7.8	7.8	25.2	25.2	74.9	74.9	5.1		3.4		6		85				<0.2		2.0	
						3.9	0.3	180	28.5		7.8		25.2		74.9		5.1		3.4		7		85				<0.2		1.8	
					Bottom	6.8	0.2	175	28.5	28.5	7.9	7.9	25.6	25.5	76.2	76.3	5.1	5.1	5.4		7		88				<0.2		1.5	
						6.8	0.2	192	28.5		7.9		25.5		76.4		5.1		5.4		6		88				<0.2		1.7	
IM4	Sunny	Moderate	11:38	8.2	Surface	1.0	0.4	217	29.1	29.1	7.9	7.9	23.9	23.9	87.7	87.6	5.9	5.6	1.9	2.6	5	5	83	86	819732	804626	<0.2	<0.2	2.3	2.0
						1.0	0.4	220	29.1		7.9		23.9		87.5		5.9		1.9		4		83				<0.2		2.0	
					Middle	4.1	0.4	206	28.4	28.4	7.8	7.8	25.5	25.5	77.0	77.1	5.2		3.0		4		86				<0.2		1.8	
						4.1	0.5	223	28.4		7.9		25.5		77.1		5.2		3.0		6		86				<0.2		2.2	
					Bottom	7.2	0.4	182	28.4	28.4	7.9	7.9	25.5	25.5	78.8	79.0	5.3	5.3	2.9		6		88				<0.2		1.6	
						7.2	0.4	199	28.4		7.9		25.5		79.2		5.3		2.9		6		89				<0.2		2.2	
IM5	Sunny	Moderate	11:29	7.7	Surface	1.0	0.3	185	29.8	29.8	7.9	7.9	22.3	22.3	95.3	95.3	6.4	5.9	1.2	2.1	4	4	83	85	820722	804846	<0.2	<0.2	2.0	2.1
						1.0	0.3	195	29.8		7.9		22.3		95.2		6.4		1.2		4		83				<0.2		2.2	
					Middle	3.9	0.4	181	28.8	28.8	7.8	7.8	24.6	24.6	79.9	80.0	5.4		2.5		4		85				<0.2		2.2	
						3.9	0.4	190	28.8		7.9		24.6		80.0		5.4		2.5		4		85				<0.2		2.0	
					Bottom	6.7	0.2	179	28.9	28.9	7.9	7.9	25.0	25.0	78.1	78.3	5.2	5.3	2.5		3		88				<0.2		2.1	
						6.7	0.2	189	28.9		7.9		24.9		78.4		5.3		2.4		3		88				<0.2		2.2	
IM6	Sunny	Moderate	11:21	7.3	Surface	1.0	0.2	188	30.0	30.0	7.9	7.9	22.2	22.2	98.9	98.9	6.6	6.1	1.2	3.8	4	4	82	85	821047	805836	<0.2	<0.2	1.9	2.0
						1.0	0.2	204	30.0		7.9		22.2		98.8		6.6		1.2		4		83				<0.2		2.3	
					Middle	3.7	0.3	174	28.9	28.9	7.8	7.8	23.8	23.8	80.7	80.7	5.5		1.9		4		85				<0.2		1.8	
						3.7	0.4	175	28.9		7.8		23.8		80.7		5.5		1.9		3		85				<0.2		1.8	
					Bottom	6.3	0.2	136	28.3	28.3	7.9	7.9	26.0	26.0	74.8	75.0	5.0	5.1	8.4		5		88				<0.2		2.1	
						6.3	0.2	141	28.3		7.9		26.0		75.1		5.1		8.3		6		88				<0.2		2.1	
IM7	Sunny	Moderate	11:14	8.7	Surface	1.0	0.2	110	29.9	29.9	7.8	7.8	21.8	21.8	84.9	84.8	5.7	5.3	8.1	5.9	6	6	82	85	821336	806845	<0.2	<0.2	1.9	2.0
						1.0	0.3	117	29.9		7.8		21.8		84.7		5.7		8.1		4		83				<0.2		1.9	
					Middle	4.4	0.2	67	28.8	28.8	7.8	7.8	24.1	24.1	72.1	72.1	4.9		4.1		7		85				<0.2		2.0	
						4.4	0.2	67	28.8		7.8		24.1		72.0		4.9		4.2		5		85				<0.2		2.1	
					Bottom	7.7	0.2	75	28.4	28.4	7.8	7.8	27.2	27.2	70.1	70.2	4.7	4.7	5.4		8		88				<0.2		1.9	
						7.7	0.2	75	28.4		7.8		27.1		70.3		4.7		5.6		7		88				<0.2		2.2	
IM8	Sunny	Calm	11:35	8.1	Surface	1.0	0.2	142	28.9	28.9	7.9	7.9	23.6	23.7	90.0	90.0	6.1	5.9	4.2	6.3	8	7	82	84	821819	808117	<0.2	<0.2	2.1	2.1
						1.0	0.3	147	28.8		7.9		23.8		89.9		6.1		4.3		8		83				<0.2		2.0	
					Middle	4.1	0.2	105	28.5	28.5	7.9	7.9	24.5	24.5	83.7	84.1	5.7		5.0		8		84				<0.2		2.2	
						4.1	0.2	109	28.5		7.9		24.5		84.4		5.7		5.0		7		84				<0.2		2.1	
					Bottom	7.1	0.2	49	28.0	28.0	7.9	7.9	25.8	25.8	79.3	79.6	5.4	5.4	9.6		6		85				<0.2		2.0	
						7.1	0.2	52	28.0		7.9		25.8		79.9		5.4		9.9		6		85				<0.2		2.2	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 29 May 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	Calm	11:41	7.6	Surface	1.0	0.3	110	28.6	28.6	7.9	7.9	24.1	24.1	78.1	78.1	5.3	5.2	6.2	6.8	8	8	85	86	822066	808810	<0.2	<0.2	2.0	1.9
						1.0	0.4	112	28.6		7.9		24.1		78.1		5.3		6.1		8		85				<0.2		2.0	
					Middle	3.8	0.4	107	28.2	28.2	7.8	7.8	25.4	25.4	74.4	74.5	5.0		6.8		8		86				<0.2		1.8	
						3.8	0.4	109	28.2		7.8		25.4		74.5		5.1		6.8		8		86				<0.2		1.6	
					Bottom	6.6	0.3	84	28.1	28.1	7.9	7.9	25.7	25.7	75.8	76.0	5.1	5.2	7.5		7		87				<0.2		2.1	
						6.6	0.3	87	28.1		7.9		25.7		76.2		5.2		7.5		8		87				<0.2		1.9	
IM10	Sunny	Calm	11:48	7.5	Surface	1.0	0.3	133	29.1	29.1	7.9	7.9	22.8	22.8	86.8	86.8	5.9	5.7	4.9	9.2	8	7	85	87	822371	809797	<0.2	<0.2	1.9	1.8
						1.0	0.3	137	29.1		7.9		22.8		86.8		5.9		5.0		8		86				<0.2		1.8	
					Middle	3.8	0.3	130	28.6	28.6	7.9	7.9	23.5	23.5	78.6	78.7	5.4		6.7		6		87				<0.2		1.8	
						3.8	0.3	131	28.5		7.9		23.5		78.8		5.4		6.9		7		88				<0.2		1.5	
					Bottom	6.5	0.3	67	28.0	28.0	7.8	7.8	25.7	25.7	72.7	72.8	4.9	4.9	15.8		7		89				<0.2		2.0	
						6.5	0.3	70	28.0		7.8		25.7		72.9		4.9		15.8		6		89				<0.2		1.7	
IM11	Sunny	Calm	11:58	6.9	Surface	1.0	0.4	124	30.0	30.0	8.0	7.9	21.6	21.6	103.4	103.3	6.9	6.4	3.2	9.2	7	7	86	88	822058	811463	<0.2	<0.2	2.1	2.1
						1.0	0.4	136	30.0		7.9		21.6		103.2		6.9		3.4		6		86				<0.2		2.2	
					Middle	3.5	0.3	113	28.8	28.9	7.9	7.9	23.4	23.4	86.8	87.0	5.9		7.4		6		88				<0.2		2.1	
						3.5	0.3	115	28.9		7.9		23.3		87.2		5.9		7.1		8		88				<0.2		2.0	
					Bottom	5.9	0.3	108	28.2	28.2	7.8	7.8	25.2	25.2	73.3	73.4	5.0	5.0	16.9		7		89				<0.2		1.9	
						5.9	0.3	109	28.2		7.8		25.2		73.4		5.0		17.1		7		90				<0.2		2.2	
IM12	Sunny	Calm	12:04	9.7	Surface	1.0	0.5	115	30.1	30.1	8.0	8.0	21.9	21.9	102.0	101.9	6.8	5.9	3.0	15.6	6	6	84	86	821477	812041	<0.2	<0.2	2.1	2.2
						1.0	0.5	123	30.1		8.0		21.9		101.8		6.8		3.1		6		84				<0.2		2.1	
					Middle	4.9	0.5	110	28.3	28.3	7.9	7.9	25.1	25.1	73.7	73.7	5.0		16.3		5		86				<0.2		2.2	
						4.9	0.6	115	28.3		7.9		25.1		73.6		5.0		16.7		6		86				<0.2		2.1	
					Bottom	8.7	0.3	97	28.3	28.3	7.9	7.9	25.2	25.2	75.9	76.2	5.1	5.2	26.0		6		88				<0.2		2.2	
						8.7	0.3	101	28.3		7.9		25.2		76.5		5.2		28.2		5		88				<0.2		2.3	
SR2	Sunny	Calm	12:21	4.3	Surface	1.0	0.4	100	29.9	29.9	8.0	7.9	22.6	22.7	96.8	96.7	6.5	6.5	5.0	8.0	4	5	81	82	821446	814185	<0.2	<0.2	2.1	2.2
						1.0	0.5	104	29.9		7.9		22.7		96.6		6.5		5.3		4		81				<0.2		2.3	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.3	93	28.7	28.7	7.9	7.9	24.4	24.4	84.4	84.7	5.7	5.7	11.0		5		83				<0.2		2.2	
						3.3	0.4	93	28.7		7.9		24.4		84.9		5.7		10.7		5		84				<0.2		2.1	
SR3	Sunny	Calm	11:29	9.4	Surface	1.0	0.2	183	29.2	29.2	8.0	8.0	22.6	22.6	92.9	92.6	6.3	5.7	3.5	5.2	4	5	-	-	822117	807577	-	-	-	-
						1.0	0.2	188	29.2		8.0		22.6		92.3		6.2		3.5		4		-				-		-	
					Middle	4.7	0.3	173	28.4	28.4	7.9	7.9	24.5	24.5	75.9	76.0	5.2		5.3		5		-				-		-	
						4.7	0.3	176	28.4		7.9		24.6		76.0		5.2		5.5		5		-				-		-	
					Bottom	8.4	0.1	28	28.1	28.1	7.8	7.8	25.3	25.4	72.4	72.5	4.9	4.9	6.5		5		-				-		-	
						8.4	0.1	29	28.1		7.8		25.4		72.6		4.9		6.6		4		-				-		-	
SR4A	Sunny	Calm	12:33	8.6	Surface	1.0	0.2	132	28.7	28.7	7.9	7.9	26.0	26.0	84.8	84.7	5.7	5.7	2.9	3.7	10	10	-	-	817191	807809	-	-	-	-
						1.0	0.2	140	28.7		7.9		26.0		84.6		5.7		2.8		10		-				-		-	
					Middle	4.3	0.2	93	28.4	28.4	7.9	7.9	26.8	26.8	82.9	82.9	5.6		3.3		8		-				-		-	
						4.3	0.2	95	28.4		7.9		26.8		82.8		5.6		3.5		10		-				-		-	
					Bottom	7.6	0.1	110	28.1	28.1	7.9	7.9	27.5	27.4	77.4	77.4	5.2	5.2	4.7		9		-				-		-	
						7.6	0.1	111	28.1		7.9		27.4		77.4		5.2		4.7		10		-				-		-	
SR5A	Sunny	Calm	12:50	4.0	Surface	1.0	0.0	233	29.6	29.6	7.9	7.9	24.1	24.1	103.6	103.7	6.9	6.9	1.5	1.6	6	6	-	-	816621	810669	-	-	-	-
						1.0	0.0	251	29.6		7.9		24.1		103.7		6.9		1.5		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	0.0	240	29.3	29.3	7.9	7.9	24.5	24.5	93.7	93.8	6.3	6.3	1.8		6		-				-		-	
						3.0	0.0	245	29.3		7.9		24.5		93.8		6.3		1.8		4		-				-		-	
SR6	Sunny	Calm	13:16	4.3	Surface	1.0	0.1	41	29.5	29.5	7.9	7.9	24.3	24.3	100.1	100.1	6.7	6.7	1.8	1.8	6	6	-	-	817884	814638	-	-	-	-
						1.0	0.1	43	29.5		7.9		24.3		100.0		6.7		1.8		6		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.3	0.1	55	29.3	29.3	7.9	7.9	24.4	24.4	93.7	93.7	6.3	6.3	1.9		6		-				-		-	
						3.3	0.1	60	29.3		7.9		24.4		93.7		6.3		1.9		5		-				-		-	
SR7	Sunny	Calm	13:19	18.9	Surface	1.0	0.6	94	29.1	29.1	8.0	8.0	24.3	24.3	97.4	97.4	6.5	6.3	3.9	4.3	4	5	-	-	823664	823724	-	-	-	-
						1.0	0.6	101	29.1		8.0		24.3		97.4		6.5		3.9		5		-				-		-	
					Middle	9.5	0.4	92	28.8	28.8	7.9	7.9	24.8	24.9	89.3	89.3	6.0		4.4		5		-				-		-	
						9.5	0.4	92	28.7		7.9		24.9		89.3		6.0		4.4		6		-				-		-	
					Bottom	17.9	0.2	77	28.6	28.7	8.0	8.0	25.2	25.1	84.7	84.9	5.7	5.7	4.6		6		-				-		-	
						17.9	0.2	79	28.7		8.0		25.1		85.0		5.7		4.6		5		-				-		-	
SR8	Sunny	Calm	12:10	4.0	Surface	1.0	-	-	29.5	29.5	7.9	7.9	22.8	22.9	95.3	95.3	6.4	6.4	4.3	8.2	10	10	-	-	820246	811418	-	-	-	-
						1.0	-	-	29.4		7.9		23.0		95.2		6.4		4.6		9		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.0	-	-	28.9	28.9	7.9	7.9	24.1	24.1	87.9	88.1	5.9	6.0	12.2		10		-				-		-	
						3.0	-	-	28.9		7.9		24.1		88.3		6.0		12.0		11		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 29 May 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	Calm	06:20	8.9	Surface	1.0	0.6	14	28.9	28.9	7.9	7.9	24.2	24.2	80.7	80.7	5.4	5.4	6.5	6.9	12	12	81	85	815616	804239	<0.2	<0.2	1.9	1.8
						1.0	0.7	15	28.9		7.9		24.3		80.6		5.4		6.5		10		82				<0.2		1.9	
					Middle	4.5	0.7	17	28.8	28.8	7.9	7.9	24.4	24.4	79.8	79.8	5.4		7.2		11		84				<0.2		1.7	
						4.5	0.7	17	28.8		7.9		24.4		79.7		5.4		7.2		12		85				<0.2		1.8	
					Bottom	7.9	0.4	23	28.8	28.8	7.9	7.9	24.6	24.6	80.3	80.4	5.4	5.4	7.2		13		88				<0.2		1.8	
						7.9	0.4	24	28.8		7.9		24.6		80.4		5.4		7.0		15		87				<0.2		1.9	
C2	Fine	Moderate	07:54	12.6	Surface	1.0	0.2	11	28.9	28.9	7.9	7.9	22.4	22.4	79.0	79.0	5.4	5.2	5.2	8.9	4	5	83	86	825696	806970	<0.2	<0.2	2.5	2.1
						1.0	0.2	11	28.9		7.9		22.4		78.9		5.4		5.3		6		84				<0.2		2.4	
					Middle	6.3	0.2	351	28.6	28.6	7.8	7.8	23.5	23.5	73.1	73.1	5.0		8.7		4		85				<0.2		1.5	
						6.3	0.3	323	28.6		7.8		23.6		73.0		5.0		8.3		5		86				<0.2		1.9	
					Bottom	11.6	0.3	341	28.5	28.5	7.9	7.9	23.9	23.9	74.2	74.4	5.0	5.1	13.2		4		88				<0.2		2.1	
						11.6	0.3	314	28.5		7.9		23.9		74.5		5.1		12.9		5		88				<0.2		1.9	
C3	Fine	Calm	05:56	12.1	Surface	1.0	0.4	277	28.4	28.4	7.9	7.9	25.1	25.0	81.9	81.9	5.6	5.4	2.4	2.4	4	4	81	83	822113	817799	<0.2	<0.2	1.5	1.3
						1.0	0.4	293	28.4		7.9		25.0		81.9		5.6		2.4		4		81				<0.2		1.2	
					Middle	6.1	0.5	260	27.8	27.8	7.9	7.9	26.9	27.0	77.0	76.9	5.2		2.4		5		83				<0.2		1.4	
						6.1	0.5	280	27.7		7.9		27.2		76.7		5.2		2.4		4		84				<0.2		1.2	
					Bottom	11.1	0.3	281	27.5	27.5	7.9	7.9	28.0	28.0	77.3	77.4	5.2	5.2	2.4		3		85				<0.2		1.5	
						11.1	0.3	291	27.5		7.9		27.9		77.5		5.2		2.4		4		86				<0.2		1.2	
IM1	Sunny	Calm	06:34	5.4	Surface	1.0	0.5	348	29.0	29.1	7.9	7.9	23.6	23.6	83.7	83.7	5.6	5.6	3.2	3.7	8	8	82	83	817959	807129	<0.2	<0.2	1.4	1.5
						1.0	0.5	354	29.1		7.9		23.6		83.7		5.6		3.2		7		82				<0.2		1.3	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.4	0.2	353	28.7	28.7	7.9	7.9	24.8	24.8	81.7	81.9	5.5	5.5	4.3		8		83				<0.2		1.7	
						4.4	0.2	356	28.7		7.9		24.8		82.1		5.5		4.3		9		83				<0.2		1.5	
IM2	Sunny	Calm	06:40	8.1	Surface	1.0	0.5	7	29.1	29.1	7.9	7.9	23.6	23.6	83.3	83.3	5.6	5.4	2.5	5.0	7	9	82	84	818141	806193	<0.2	<0.2	1.5	1.4
						1.0	0.5	7	29.1		7.9		23.6		83.3		5.6		2.5		9		82				<0.2		1.3	
					Middle	4.1	0.5	10	28.7	28.7	7.8	7.8	24.8	24.8	77.5	77.4	5.2		4.2		7		84				<0.2		1.5	
						4.1	0.6	10	28.7		7.8		24.8		77.3		5.2		4.2		8		84				<0.2		1.3	
					Bottom	7.1	0.5	2	28.2	28.2	7.8	7.8	26.6	26.6	75.3	75.4	5.1	5.1	8.5		10		86				<0.2		1.5	
						7.1	0.5	2	28.2		7.8		26.6		75.5		5.1		8.1		11		85				<0.2		1.5	
IM3	Sunny	Calm	06:46	7.8	Surface	1.0	0.5	39	29.1	29.1	7.9	7.9	23.7	23.7	82.0	82.0	5.5	5.4	2.8	5.5	7	7	81	83	818754	805620	<0.2	<0.2	1.5	1.3
						1.0	0.5	42	29.1		7.9		23.7		81.9		5.5		2.9		7		81				<0.2		1.4	
					Middle	3.9	0.6	40	28.8	28.8	7.8	7.8	24.4	24.4	79.0	79.1	5.3		5.6		7		83				<0.2		1.1	
						3.9	0.7	41	28.8		7.8		24.4		79.1		5.3		5.8		6		83				<0.2		1.2	
					Bottom	6.8	0.5	37	28.8	28.8	7.9	7.9	24.6	24.6	82.4	82.5	5.6	5.6	7.9		7		86				<0.2		1.5	
						6.8	0.5	38	28.8		7.9		24.6		82.5		5.6		7.9		7		86				<0.2		1.3	
IM4	Sunny	Moderate	06:53	8.2	Surface	1.0	0.8	20	29.2	29.2	7.8	7.8	22.5	22.5	79.1	79.1	5.4	5.3	3.0	6.8	4	4	81	84	819753	804624	<0.2	<0.2	1.7	1.6
						1.0	0.8	21	29.2		7.8		22.5		79.0		5.4		3.0		4		82				<0.2		1.4	
					Middle	4.1	0.8	19	28.9	28.9	7.9	7.9	23.5	23.5	74.8	74.9	5.1		7.3		4		84				<0.2		1.4	
						4.1	0.8	19	28.9		7.9		23.5		74.9		5.1		7.4		4		84				<0.2		1.6	
					Bottom	7.2	0.5	13	28.9	28.9	7.9	7.9	23.7	23.7	76.3	76.4	5.2	5.2	10.0		5		86				<0.2		1.5	
						7.2	0.5	13	28.9		7.9		23.7		76.4		5.2		10.2		4		87				<0.2		1.7	
IM5	Sunny	Moderate	07:02	7.4	Surface	1.0	0.6	11	29.3	29.3	7.8	7.8	21.9	21.9	81.0	80.9	5.5	5.3	2.2	9.1	3	4	81	84	820737	804892	<0.2	<0.2	1.4	1.4
						1.0	0.7	11	29.3		7.8		22.0		80.7		5.5		2.3		2		82				<0.2		1.4	
					Middle	3.7	0.6	23	29.0	29.0	7.8	7.8	23.1	23.1	75.3	75.4	5.1		11.4		3		84				<0.2		1.5	
						3.7	0.7	23	29.0		7.8		23.1		75.4		5.1		11.1		5		84				<0.2		1.4	
					Bottom	6.4	0.4	5	28.9	28.9	7.8	7.8	23.6	23.6	74.5	74.5	5.0	5.0	13.9		4		87				<0.2		1.4	
						6.4	0.5	5	28.9		7.8		23.6		74.5		5.0		13.8		4		88				<0.2		1.5	
IM6	Sunny	Moderate	07:10	7.3	Surface	1.0	0.6	36	29.2	29.2	7.8	7.8	22.5	22.5	79.8	79.8	5.4	5.3	3.4	8.1	2	4	82	85	821057	805848	<0.2	<0.2	2.0	1.9
						1.0	0.6	39	29.2		7.8		22.5		79.8		5.4		3.8		3		82				<0.2		1.8	
					Middle	3.7	0.4	36	29.0	29.0	7.8	7.8	23.1	23.1	75.3	75.3	5.1		10.5		3		84				<0.2		2.0	
						3.7	0.4	37	29.0		7.8		23.1		75.3		5.1		10.4		4		85				<0.2		2.1	
					Bottom	6.3	0.3	26	28.9	28.9	7.8	7.8	23.3	23.3	75.7	75.8	5.1	5.1	10.3		4		88				<0.2		2.0	
						6.3	0.3	28	28.9		7.8		23.3		75.8		5.1		10.1		5		87				<0.2		1.7	
IM7	Sunny	Moderate	07:20	8.8	Surface	1.0	0.7	26	29.2	29.2	7.8	7.8	22.5	22.5	78.9	78.9	5.3	5.2	3.0	6.3	2	3	82	84	821358	806833	<0.2	<0.2	1.6	1.7
						1.0	0.7	26	29.2		7.8		22.5		78.9		5.3		3.0		3		81				<0.2		1.7	
					Middle	4.4	0.6	12	29.0	29.0	7.8	7.8	23.1	23.1	75.5	75.5	5.1		9.4		3		84				<0.2		1.8	
						4.4	0.6	12	29.0		7.8		23.2		75.5		5.1		9.2		3		84				<0.2		1.8	
					Bottom	7.8	0.5	23	29.0	29.0	7.8	7.8	23.1	23.1	77.0	77.1	5.2	5.2	6.9		3		87				<0.2		1.6	
						7.8	0.5	23	29.0		7.8		23.1		77.2		5.2		6.5		3		86				<0.2		1.9	
IM8	Fine	Moderate	07:20	8.0	Surface	1.0	0.1	286	28.2	28.2	7.9	7.9	25.4	25.4	72.4	72.3	4.9	5.0	5.7	7.8	2	3	82	84	821855	808146	<0.2	<0.2	1.8	1.5
						1.0	0.1	302	28.2		7.9		25.4		72.2		4.9		5.9		2		82				<0.2		1.5	
					Middle	4.0	0.1	268	28.1	28.2	7.9	7.9	26.3	26.3	72.6	74.5	4.9		8.3		4		84				<0.2		1.5	
						4.0	0.1	282	28.2		7.9		26.3		76.4		5.2		8.0		3		84				<0.2		1.7	
					Bottom	7.0	0.1	85	27.9	27.9	7.8	7.8	26.5	26.5	66.8	66.9	4.5	4.5	9.5		3		87				<0.2		1.3	
						7.0	0.1	91	27.9		7.8		26.5		66.9		4.5		9.4		4		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 29 May 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	07:14	7.6	Surface	1.0	0.1	26	28.4	28.4	7.9	7.9	24.8	24.8	75.0	75.0	5.1	4.9	5.2	7.4	4	4	81	84	822122	808795	<0.2	<0.2	1.4	1.5
						1.0	0.1	26	28.4		7.9		24.8		74.9		5.1		5.2		4		82				<0.2		1.4	
					Middle	3.8	0.2	351	28.0	28.0	7.8	7.8	26.1	26.1	69.6	69.6	4.7		6.3		4		83				<0.2		1.5	
						3.8	0.2	323	28.0		7.8		26.1		69.6		4.7		6.2		3		84				<0.2		1.6	
					Bottom	6.6	0.2	277	27.8	27.8	7.8	7.8	26.6	26.6	68.2	68.4	4.6	4.6	10.7		5		86				<0.2		1.5	
						6.6	0.2	290	27.8		7.8		26.6		68.5		4.6		10.8		4		86				<0.2		1.5	
IM10	Fine	Moderate	07:06	7.9	Surface	1.0	0.2	330	28.7	28.7	7.9	7.9	23.7	23.7	81.9	81.9	5.6	5.4	5.9	12.9	4	5	83	86	822409	809813	<0.2	<0.2	1.5	1.6
						1.0	0.2	333	28.7		7.9		23.7		81.8		5.6		6.4		4		84				<0.2		1.6	
					Middle	4.0	0.2	322	28.5	28.5	7.9	7.9	24.6	24.6	77.0	77.0	5.2		11.8		5		85				<0.2		1.6	
						4.0	0.2	348	28.5		7.9		24.6		77.0		5.2		11.9		6		86				<0.2		1.4	
					Bottom	6.9	0.3	317	28.5	28.5	7.9	7.9	24.7	24.7	78.9	79.1	5.3	5.4	20.7		6		88				<0.2		1.7	
						6.9	0.3	320	28.5		7.9		24.7		79.2		5.4		20.5		6		88				<0.2		1.8	
IM11	Fine	Moderate	06:50	7.3	Surface	1.0	0.2	327	28.7	28.7	7.9	7.9	23.6	23.6	83.0	82.9	5.6	5.5	5.4	9.1	6	6	83	86	822083	811431	<0.2	<0.2	1.5	1.5
						1.0	0.2	340	28.7		7.9		23.6		82.8		5.6		5.4		6		83				<0.2		1.8	
					Middle	3.7	0.2	316	28.6	28.6	7.9	7.9	24.0	24.0	80.1	80.1	5.4		8.1		4		85				<0.2		1.4	
						3.7	0.2	341	28.6		7.9		24.0		80.0		5.4		8.4		6		86				<0.2		1.4	
					Bottom	6.3	0.4	279	27.9	27.9	7.9	7.9	26.6	26.6	74.9	75.0	5.1	5.1	13.5		6		88				<0.2		1.6	
						6.3	0.4	301	27.9		7.9		26.6		75.0		5.1		13.6		5		88				<0.2		1.2	
IM12	Fine	Moderate	06:43	9.4	Surface	1.0	0.3	294	28.6	28.6	7.9	7.9	24.2	24.2	81.1	81.1	5.5	5.5	9.2	11.4	7	10	81	83	821454	812045	<0.2	<0.2	1.6	1.5
						1.0	0.3	304	28.6		7.9		24.2		81.1		5.5		9.1		8		81				<0.2		1.5	
					Middle	4.7	0.3	299	28.5	28.5	7.9	7.9	24.3	24.3	79.9	80.0	5.4		12.2		9		83				<0.2		1.6	
						4.7	0.3	326	28.5		7.9		24.3		80.0		5.4		12.0		9		83				<0.2		1.6	
					Bottom	8.4	0.1	284	28.4	28.4	7.9	7.9	24.6	24.6	79.4	79.5	5.4	5.4	13.0		15		86				<0.2		1.5	
						8.4	0.1	305	28.4		7.9		24.6		79.6		5.4		12.8		13		86				<0.2		1.4	
SR2	Fine	Calm	06:18	4.2	Surface	1.0	0.1	284	28.8	28.8	7.9	7.9	23.3	23.3	80.4	80.5	5.5	5.5	4.2	4.5	3	3	83	84	821445	814169	<0.2	<0.2	1.3	1.3
						1.0	0.1	296	28.8		7.9		23.2		80.6		5.5		4.1		4		83				<0.2		1.2	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.2	324	28.7	28.7	7.9	7.9	23.6	23.6	80.2	80.4	5.4	5.5	4.9		4		85				<0.2		1.4	
						3.2	0.2	353	28.7		7.9		23.5		80.5		5.5		4.8		2		86				<0.2		1.4	
SR3	Fine	Moderate	07:26	9.6	Surface	1.0	0.1	309	28.3	28.3	7.9	7.9	25.0	25.0	75.3	75.4	5.1	5.2	5.3	7.1	3	3	-	-	822134	807560	-	-	-	-
						1.0	0.1	337	28.3		7.9		25.1		75.4		5.1		5.4		4		-				-		-	
					Middle	4.8	0.2	32	28.3	28.4	7.9	7.9	25.7	25.7	78.0	79.0	5.3		6.3		4		-				-		-	
						4.8	0.2	34	28.4		7.9		25.7		79.9		5.4		6.5		2		-				-		-	
					Bottom	8.6	0.3	55	28.0	28.1	7.9	7.9	26.1	26.0	67.2	67.4	4.6	4.6	10.0		4		-				-		-	
						8.6	0.3	57	28.1		7.9		26.0		67.5		4.6		9.0		3		-				-		-	
SR4A	Fine	Calm	06:04	9.2	Surface	1.0	0.3	276	28.9	28.9	7.9	7.9	24.1	24.1	84.8	84.8	5.7	5.5	3.7	5.7	3	3	-	-	817184	807808	-	-	-	-
						1.0	0.4	297	28.9		7.9		24.0		84.8		5.7		3.7		4		-				-		-	
					Middle	4.6	0.3	275	28.1	28.1	7.8	7.8	26.7	26.7	77.6	77.6	5.2		4.6		2		-				-		-	
						4.6	0.4	295	28.1		7.8		26.7		77.5		5.2		4.6		2		-				-		-	
					Bottom	8.2	0.0	38	27.6	27.6	7.8	7.8	28.3	28.3	73.9	73.9	5.0	5.0	8.9		2		-				-		-	
						8.2	0.0	41	27.6		7.8		28.4		73.9		5.0		8.9		3		-				-		-	
SR5A	Fine	Calm	05:33	4.9	Surface	1.0	0.2	272	28.0	28.0	7.7	7.7	27.1	27.1	77.6	77.6	5.2	5.2	7.0	5.0	3	3	-	-	816606	810695	-	-	-	-
						1.0	0.3	290	28.0		7.7		27.1		77.6		5.2		7.0		2		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.9	0.2	269	27.6	27.6	7.7	7.7	28.3	28.3	75.6	75.7	5.1	5.1	3.0		3		-				-		-	
						3.9	0.3	281	27.6		7.7		28.3		75.7		5.1		2.9		2		-				-		-	
SR6	Fine	Calm	05:33	4.7	Surface	1.0	0.3	276	28.0	28.0	7.6	7.6	27.1	27.2	77.9	77.9	5.3	5.3	3.2	4.5	4	3	-	-	817908	814650	-	-	-	-
						1.0	0.3	295	27.9		7.6		27.2		77.8		5.2		3.3		4		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.7	0.2	288	27.7	27.7	7.6	7.5	28.2	28.2	77.6	77.7	5.2	5.2	5.7		2		-				-		-	
						3.7	0.2	307	27.7		7.5		28.2		77.8		5.2		5.7		3		-				-		-	
SR7	Fine	Calm	05:32	19.5	Surface	1.0	0.1	325	28.2	28.2	7.9	7.9	25.2	25.2	80.9	80.9	5.5	5.2	2.3	3.6	<2	2	-	-	823639	823767	-	-	-	-
						1.0	0.1	341	28.2		7.9		25.2		80.8		5.5		2.3		<2		-				-		-	
					Middle	9.8	0.1	246	27.2	27.2	7.8	7.8	28.5	28.5	72.2	72.2	4.9		3.6		<2		-				-		-	
						9.8	0.1	252	27.2		7.8		28.5		72.2		4.9		3.6		<2		-				-		-	
					Bottom	18.5	0.1	80	26.9	27.0	7.8	7.8	30.9	30.8	67.9	68.1	4.6	4.6	4.8		2		-				-		-	
						18.5	0.1	85	27.0		7.8		30.8		68.3		4.6		4.9		<2		-				-		-	
SR8	Fine	Calm	06:33	3.9	Surface	1.0	-	-	28.8	28.8	7.9	7.9	23.6	23.6	84.7	84.7	5.7	5.7	3.7	4.0	<2	2	-	-	820246	811418	-	-	-	-
						1.0	-	-	28.8		7.9		23.6		84.6		5.7		3.7		<2		-				-		-	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	-	-	28.6	28.6	7.9	7.9	24.0	24.0	82.8	82.7	5.6	5.6	4.2		2		-				-		-	
						2.9	-	-	28.6		7.9		24.0		82.6		5.6		4.3		2		-				-		-	

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

Expansion of Hong Kong International Airport into a Three-Runway System
Water Quality Monitoring
Water Quality Monitoring Results on 31 May 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	13:27	8.6	Surface	1.0	0.6	226	30.0	30.0	8.0	8.0	22.0	22.1	115.0	114.9	7.7	7.7	1.5	2.6	7	7	81	85	815631	804245	<0.2	<0.2	1.9	1.8
						1.0	0.6	247	30.0		8.0		22.1		114.8		7.7		1.6				82				<0.2		1.9	
					Middle	4.3	0.6	218	29.7	29.7	8.0	8.0	22.4	22.4	112.7	112.7	7.6		2.5		6		85				<0.2		1.8	
						4.3	0.6	228	29.7		8.0		22.4		112.7		7.6		2.4		6		85				<0.2		1.8	
					Bottom	7.6	0.4	216	29.4	29.4	8.0	8.0	22.9	22.9	109.5	109.5	7.4	7.4	3.8		7		88				<0.2		1.8	
						7.6	0.4	218	29.4		8.0		22.9		109.5		7.4		3.8		6		88				<0.2		1.8	
C2	Sunny	Moderate	12:23	12.5	Surface	1.0	0.7	188	29.7	29.7	7.9	7.9	21.9	21.9	100.0	100.0	6.7	6.3	3.8	3.7	4	4	83	86	825683	806922	<0.2	<0.2	2.1	2.0
						1.0	0.7	192	29.7		7.9		21.9		99.9		6.7		3.8		3		83				<0.2		2.1	
					Middle	6.3	0.6	168	29.1	29.1	7.9	7.9	23.4	23.4	85.5	85.5	5.8		3.3		4		86				<0.2		1.9	
						6.3	0.6	179	29.1		7.9		23.4		85.5		5.8		3.4		4		86				<0.2		1.9	
					Bottom	11.5	0.3	127	28.6	28.6	7.8	7.8	25.5	25.5	81.1	81.2	5.5	5.5	4.0		4		87				<0.2		1.9	
						11.5	0.3	128	28.6		7.8		25.5		81.2		5.5		3.9		4		88				<0.2		1.9	
C3	Sunny	Moderate	13:44	11.7	Surface	1.0	0.4	113	28.9	28.9	8.0	8.0	25.0	25.0	104.6	104.5	7.0	6.9	2.3	2.0	6	6	81	84	822137	817821	<0.2	<0.2	1.5	1.6
						1.0	0.4	121	28.9		8.0		25.0		104.4		7.0		2.3		5		82				<0.2		1.6	
					Middle	5.9	0.3	92	28.8	28.8	8.0	8.0	25.6	25.6	100.8	100.8	6.8		2.0		5		83				<0.2		1.6	
						5.9	0.3	96	28.8		8.0		25.6		100.7		6.8		2.0		6		84				<0.2		1.6	
					Bottom	10.7	0.4	55	28.8	28.8	8.0	8.0	25.8	25.8	100.1	100.1	6.7	6.7	1.8		6		86				<0.2		1.5	
						10.7	0.4	59	28.8		8.0		25.8		100.1		6.7		1.8		5		87				<0.2		1.6	
IM1	Sunny	Moderate	13:11	5.4	Surface	1.0	0.1	184	29.9	29.9	8.0	8.0	21.4	21.4	113.0	113.0	7.6	7.6	1.9	3.8	5	4	82	85	817937	807158	<0.2	<0.2	1.9	2.0
						1.0	0.1	195	29.9		8.0		21.5		112.9		7.6		1.9		3		82				<0.2		2.0	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.4	0.2	166	29.3	29.3	8.0	8.0	23.1	23.1	98.9	98.9	6.7	6.7	5.7		4		87				<0.2		2.0	
						4.4	0.2	173	29.3		8.0		23.1		98.9		6.7		5.6		5		87				<0.2		1.9	
IM2	Sunny	Moderate	13:06	8.9	Surface	1.0	0.4	188	29.5	29.5	7.9	7.9	21.9	21.9	101.8	101.8	6.9	6.7	1.8	7.3	5	5	81	84	818173	806164	<0.2	<0.2	1.9	2.0
						1.0	0.4	197	29.5		7.9		21.9		101.8		6.9		1.9		5		82				<0.2		1.9	
					Middle	4.5	0.4	190	29.2	29.2	7.9	7.9	22.3	22.3	94.8	94.8	6.4		2.6		6		85				<0.2		2.0	
						4.5	0.4	198	29.2		7.9		22.3		94.8		6.4		2.6		4		84				<0.2		2.0	
					Bottom	7.9	0.2	161	29.0	29.0	7.9	7.9	23.9	23.8	88.4	88.5	6.0	6.0	17.4		4		86				<0.2		2.0	
						7.9	0.2	162	29.0		7.9		23.8		88.5		6.0		17.5		4		86				<0.2		1.9	
IM3	Sunny	Moderate	13:01	8.5	Surface	1.0	0.3	202	29.6	29.6	7.9	7.9	21.5	21.5	105.8	105.7	7.2	6.5	1.5	6.6	2	3	82	85	818791	805601	<0.2	<0.2	2.0	2.0
						1.0	0.3	208	29.6		7.9		21.5		105.6		7.1		1.6		3		82				<0.2		2.1	
					Middle	4.3	0.3	179	29.0	29.0	7.9	7.9	23.4	23.4	87.0	87.0	5.9		8.0		3		84				<0.2		2.0	
						4.3	0.3	184	29.0		7.9		23.4		87.0		5.9		8.4		2		84				<0.2		2.0	
					Bottom	7.5	0.2	175	29.0	29.0	7.9	7.9	23.4	23.4	88.2	88.4	6.0	6.0	10.1		4		88				<0.2		2.1	
						7.5	0.2	177	29.0		7.9		23.4		88.5		6.0		10.2		4		87				<0.2		1.9	
IM4	Sunny	Moderate	12:55	8.1	Surface	1.0	0.4	217	29.7	29.7	7.9	7.9	21.8	21.8	105.4	105.5	7.1	6.5	2.3	3.8	3	3	83	85	819699	804579	<0.2	<0.2	2.0	2.0
						1.0	0.4	227	29.7		7.9		21.8		105.5		7.1		2.2		2		83				<0.2		2.0	
					Middle	4.1	0.4	206	28.9	28.9	7.9	7.9	23.6	23.6	87.7	87.6	5.9		3.6		3		84				<0.2		1.9	
						4.1	0.5	206	28.9		7.9		23.6		87.5		5.9		3.8		3		84				<0.2		2.1	
					Bottom	7.1	0.4	182	28.7	28.7	7.9	7.9	24.6	24.5	86.0	86.1	5.8	5.8	5.5		5		87				<0.2		1.9	
						7.1	0.4	188	28.7		7.9		24.5		86.1		5.8		5.4		3		87				<0.2		1.9	
IM5	Sunny	Moderate	12:46	7.4	Surface	1.0	0.3	185	29.7	29.7	7.9	7.9	21.6	21.6	106.7	106.5	7.2	6.6	2.2	5.3	3	3	82	84	820709	804862	<0.2	<0.2	1.9	2.0
						1.0	0.3	198	29.6		7.9		21.7		106.3		7.2		2.3		3		82				<0.2		1.9	
					Middle	3.7	0.4	181	28.8	28.8	7.9	7.9	23.9	23.9	87.6	87.6	5.9		3.6		3		84				<0.2		2.0	
						3.7	0.4	181	28.8		7.9		23.9		87.5		5.9		3.7		4		84				<0.2		1.9	
					Bottom	6.4	0.2	179	28.6	28.6	7.9	7.9	24.6	24.6	87.0	87.2	5.9	5.9	9.9		3		86				<0.2		1.9	
						6.4	0.2	181	28.6		7.9		24.6		87.3		5.9		10.1		4		86				<0.2		2.2	
IM6	Sunny	Moderate	12:36	7.3	Surface	1.0	0.2	188	29.2	29.3	7.9	7.9	23.0	23.0	92.2	92.2	6.2	6.2	3.1	3.7	4	5	82	85	821042	805821	<0.2	<0.2	1.9	2.0
						1.0	0.2	203	29.3		7.9		23.0		92.2		6.2		3.1		4		82				<0.2		1.9	
					Middle	3.7	0.3	174	28.9	28.9	7.9	7.9	23.8	23.8	89.6	89.6	6.1		3.4		5		85				<0.2		2.0	
						3.7	0.3	185	28.8		7.9		23.9		89.5		6.1		3.7		4		85				<0.2		1.8	
					Bottom	6.3	0.2	136	28.7	28.7	7.9	7.9	25.2	25.2	81.5	81.7	5.5	5.5	4.5		6		87				<0.2		2.1	
						6.3	0.2	145	28.7		7.9		25.1		81.8		5.5		4.4		4		87				<0.2		2.0	
IM7	Sunny	Moderate	12:25	8.6	Surface	1.0	0.2	110	29.2	29.2	7.9	7.9	23.0	23.0	91.5	91.5	6.2	6.2	3.3	3.6	4	5	81	84	821347	806832	<0.2	<0.2	2.0	2.0
						1.0	0.3	118	29.2		7.9		23.1		91.4		6.2		3.3		5		82				<0.2		2.0	
					Middle	4.3	0.2	67	28.9	28.9	7.9	7.9	23.6	23.6	90.0	90.0	6.1		3.2		5		84				<0.2		2.1	
						4.3	0.2	71	28.9		7.9		23.7		89.9		6.1		3.3		4		84				<0.2		2.0	
					Bottom	7.6	0.2	75	28.6	28.6	7.9	7.9	25.1	25.1	83.5	83.6	5.6	5.6	4.2		6		88				<0.2		1.9	
						7.6	0.2	75	28.6		7.9		25.1		83.7		5.6		4.1		7		87				<0.2		1.8	
IM8	Sunny	Moderate	12:42	8.5	Surface	1.0	0.3	148	29.2	29.2	7.9	7.9	23.1	23.1	91.6	91.5	6.2	6.2	3.3	4.0	3	4	82	84	821846	808157	<0.2	<0.2	1.8	1.8
						1.0	0.3	155	29.2		7.9		23.1		91.3		6.2		3.3		3		82				<0.2		1.7	
					Middle	4.3	0.4	85	29.0	29.0	7.9	7.9	23.6	23.6	89.7	89.7	6.1		3.6		4		84				<0.2		1.7	
						4.3	0.4	85	28.9		7.9		23.7		89.7		6.1		3.7		4		84				<0.2		1.8	
					Bottom	7.5	0.3	67	28.5	28.5	7.9	7.9	25.2	25.2	81.9	82.0	5.5	5.5	5.2		5		86				<0.2		1.8	
						7.5	0.3	69	28.5		7.9		25.1		82.0		5.5		5.0		4		86				<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 31 May 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	12:48	7.6	Surface	1.0	0.3	118	29.9	29.9	7.9	7.9	21.6	21.6	106.8	106.7	7.2	6.6	2.1	4.4	4	5	81	84	822095	808808	<0.2	<0.2	2.0	2.0
						1.0	0.4	129	29.9		7.9		21.6		106.5		7.2		2.2		4		82				<0.2		1.9	
					Middle	3.8	0.4	115	29.0	29.0	7.9	7.9	23.4	23.4	89.1	89.1	6.0		3.6		4		84				<0.2		2.0	
						3.8	0.4	124	29.0		7.9		23.4		89.0		6.0		3.7		4		84				<0.2		2.0	
					Bottom	6.6	0.3	79	28.7	28.7	7.9	7.9	24.6	24.5	88.3	88.5	6.0	6.0	7.5		6		86				<0.2		2.1	
						6.6	0.3	79	28.7		7.9		24.5		88.6		6.0		7.3		5		86				<0.2		2.1	
IM10	Sunny	Moderate	12:56	7.3	Surface	1.0	0.9	108	29.7	29.7	7.9	7.9	21.4	21.5	106.8	106.7	7.2	6.6	2.6	5.4	5	5	82	84	822363	809813	<0.2	<0.2	1.9	2.0
						1.0	1.0	110	29.7		7.9		21.5		106.5		7.2		2.7		4		83				<0.2		2.0	
					Middle	3.7	0.8	112	29.0	29.0	7.9	7.9	23.3	23.3	88.7	88.7	6.0		4.7		4		84				<0.2		2.0	
						3.7	0.9	122	29.0		7.9		23.3		88.7		6.0		4.6		5		84				<0.2		2.1	
					Bottom	6.3	0.6	104	29.0	29.0	7.9	7.9	23.4	23.4	88.7	88.8	6.0	6.0	8.7		5		86				<0.2		1.9	
						6.3	0.6	111	29.0		7.9		23.4		88.9		6.0		9.0		4		86				<0.2		2.0	
IM11	Sunny	Moderate	13:05	8.5	Surface	1.0	0.9	124	29.4	29.4	7.9	7.9	22.1	22.1	97.8	97.8	6.6	6.4	1.9	7.1	4	5	82	84	822040	811444	<0.2	<0.2	2.0	2.0
						1.0	0.9	129	29.4		7.9		22.1		97.7		6.6		1.9		4		82				<0.2		2.0	
					Middle	4.3	0.8	128	29.2	29.2	7.9	7.9	22.9	22.9	90.5	90.4	6.1		5.2		5		84				<0.2		1.8	
						4.3	0.9	136	29.2		7.9		23.0		90.2		6.1		5.0		6		85				<0.2		2.0	
					Bottom	7.5	0.5	96	29.0	29.0	7.9	7.9	23.7	23.7	88.8	88.9	6.0	6.0	14.1		6		86				<0.2		2.1	
						7.5	0.5	98	29.0		7.9		23.7		89.0		6.0		14.5		5		86				<0.2		2.0	
IM12	Sunny	Moderate	13:10	8.7	Surface	1.0	0.6	116	30.0	30.0	8.0	8.0	21.4	21.4	115.7	115.7	7.8	7.4	1.9	6.3	4	5	82	84	821441	812063	<0.2	<0.2	1.8	1.9
						1.0	0.6	127	29.9		8.0		21.4		115.6		7.8		1.9		4		82				<0.2		1.8	
					Middle	4.4	0.6	109	29.5	29.5	8.0	8.0	22.6	22.6	102.9	103.0	6.9		3.7		5		83				<0.2		1.9	
						4.4	0.6	114	29.4		8.0		22.6		103.0		6.9		3.6		4		84				<0.2		2.0	
					Bottom	7.7	0.4	96	29.1	29.2	8.0	8.0	23.5	23.5	96.4	96.6	6.5	6.5	13.8		5		86				<0.2		2.0	
						7.7	0.4	97	29.2		8.0		23.4		96.7		6.5		12.7		6		87				<0.2		2.0	
SR2	Sunny	Moderate	13:26	4.5	Surface	1.0	0.6	87	29.8	29.8	8.0	8.0	22.4	22.4	112.3	112.3	7.5	7.5	3.0	4.6	5	5	83	85	821468	814175	<0.2	<0.2	1.9	1.9
						1.0	0.7	91	29.8		8.0		22.3		112.3		7.5		2.9		4		84				<0.2		2.0	
					Middle	2.3	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.3	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.5	0.4	92	29.3	29.4	8.0	8.0	23.6	23.6	98.1	98.1	6.6	6.6	6.4		6		86				<0.2		1.9	
						3.5	0.5	93	29.4		8.0		23.6		98.1		6.6		6.2		6		87				<0.2		1.8	
SR3	Sunny	Moderate	12:38	8.9	Surface	1.0	0.2	191	29.2	29.2	7.9	7.9	23.1	23.2	90.8	90.8	6.1	6.1	4.3	4.6	6	6	-	-	822153	807566	-	-	-	-
						1.0	0.2	195	29.2		7.9		23.2		90.8		6.1		4.3		5		-				-		-	
					Middle	4.5	0.3	113	28.9	28.9	7.9	7.9	23.6	23.6	90.0	90.0	6.1		3.9		6		-				-		-	
						4.5	0.3	117	28.9		7.9		23.7		90.0		6.1		3.9		7		-				-		-	
					Bottom	7.9	0.2	35	28.5	28.5	7.9	7.9	25.1	25.1	82.8	82.8	5.6	5.6	5.5		6		-				-		-	
						7.9	0.2	37	28.5		7.9		25.1		82.8		5.6		5.5		7		-				-		-	
SR4A	Sunny	Moderate	13:49	8.3	Surface	1.0	0.2	132	30.0	30.0	8.0	8.0	22.2	22.1	114.9	114.9	7.7	7.6	1.6	2.7	5	6	-	-	817192	807787	-	-	-	-
						1.0	0.2	133	30.0		8.0		22.1		114.9		7.7		1.6		6		-				-		-	
					Middle	4.2	0.2	93	29.5	29.5	8.0	8.0	22.7	22.7	111.0	110.9	7.5		3.2		5		-				-		-	
						4.2	0.2	97	29.5		8.0		22.8		110.7		7.5		3.3		7		-				-		-	
					Bottom	7.3	0.1	110	29.3	29.3	8.0	8.0	23.1	23.1	108.7	108.7	7.3	7.3	3.3		6		-				-		-	
						7.3	0.1	110	29.3		8.0		23.1		108.7		7.3		3.3		7		-				-		-	
SR5A	Sunny	Calm	14:04	3.7	Surface	1.0	0.0	233	29.8	29.8	8.0	8.0	22.1	22.1	115.9	115.9	7.8	7.8	2.6	6.4	4	5	-	-	816600	810682	-	-	-	-
						1.0	0.0	247	29.8		8.0		22.1		115.8		7.8		3.0		4		-				-		-	
					Middle	1.9	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						1.9	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.7	0.0	240	29.2	29.3	8.0	8.0	23.8	23.7	96.6	96.8	6.5	6.5	10.3		5		-				-		-	
						2.7	0.0	261	29.3		8.0		23.6		96.9		6.5		9.8		6		-				-		-	
SR6	Sunny	Calm	14:25	3.9	Surface	1.0	0.1	41	29.0	29.0	8.0	8.0	24.9	24.9	105.0	104.9	7.0	7.0	2.2	2.1	7	8	-	-	817886	814648	-	-	-	-
						1.0	0.1	43	28.9		8.0		25.0		104.8		7.0		2.2		6		-				-		-	
					Middle	2.0	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.0	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	2.9	0.1	55	28.9	28.9	8.0	8.0	25.4	25.4	103.2	103.3	6.9	6.9	2.1		8		-				-		-	
						2.9	0.1	58	28.9		8.0		25.4		103.3		6.9		2.2		9		-				-		-	
SR7	Sunny	Moderate	14:09	18.8	Surface	1.0	1.0	83	29.6	29.6	8.1	8.1	24.6	24.5	120.3	120.3	8.0	7.7	2.3	3.3	5	5	-	-	823618	823739	-	-	-	-
						1.0	1.0	91	29.6		8.1		24.5		120.3		8.0		2.3		5		-				-		-	
					Middle	9.4	0.6	79	29.0	29.0	8.0	8.0	25.3	25.3	108.7	108.8	7.3		3.2		5		-				-		-	
						9.4	0.7	82	29.0		8.0		25.3		108.8		7.3		3.2		5		-				-		-	
					Bottom	17.8	0.3	28	28.9	29.0	8.0	8.0	25.5	25.5	108.0	108.0	7.2	7.2	4.4		7		-				-		-	
						17.8	0.3	29	29.0		8.0		25.5		108.0		7.2		4.4		5		-				-		-	
SR8	Sunny	Moderate	13:15	4.1	Surface	1.0	-	-	30.0	30.0	8.0	8.0	22.0	22.0	114.6	114.6	7.7	7.7	1.4	1.7	4	5	-	-	820246	811418	-	-	-	-
						1.0	-	-	30.0		8.0		22.1		114.5		7.7		1.4		5		-				-		-	
					Middle	2.1	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.1	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	-	-	29.8	29.8	8.0	8.0	22.3	22.3	112.3	112.2	7.5	7.5	2.1		5		-				-		-	
						3.1	-	-	29.8		8.0		22.3		112.1		7.5		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 31 May 18 during Mid-Flood Tide

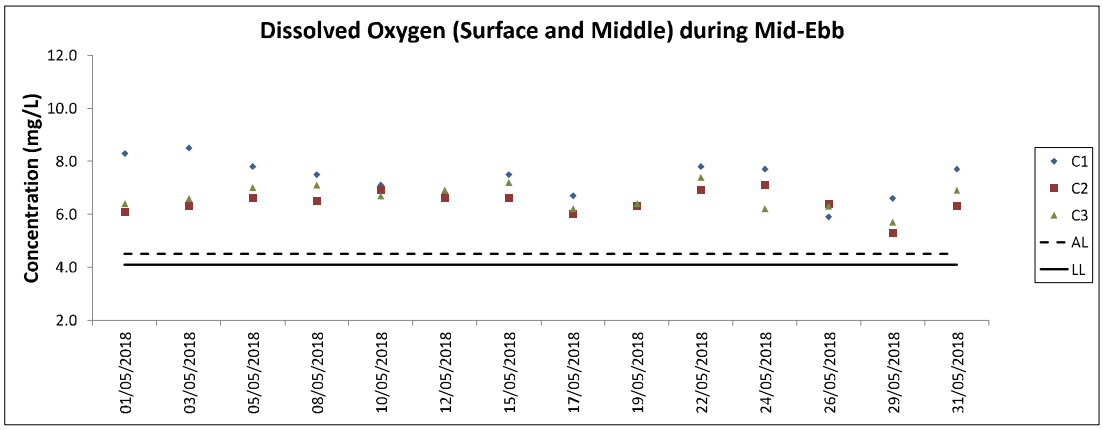
Monitoring Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Sampling Depth (m)		Current Speed (m/s)	Current Direction	Water Temperature (°C)		pH		Salinity (ppt)		DO Saturation (%)		Dissolved Oxygen		Turbidity(NTU)		Suspended Solids (mg/L)		Total Alkalinity (ppm)		Coordinate HK Grid (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	07:29	9.4	Surface	1.0	0.6	14	29.3	29.3	8.0	8.0	22.9	22.9	92.9	92.9	6.3	6.2	2.6	3.6	2	4	84	87	815638	804240	<0.2	<0.2	1.9	1.9
						1.0	0.7	14	29.2		8.0		22.9		92.8		6.3		2.6		3		84				<0.2		1.8	
					Middle	4.7	0.7	17	28.9	28.9	7.9	7.9	24.2	24.2	90.3	90.1	6.1		3.6		3		86				<0.2		2.0	
						4.7	0.7	17	28.9		7.9		24.3		89.9		6.1		3.6		4		86				<0.2		2.0	
					Bottom	8.4	0.4	23	28.6	28.6	7.9	7.9	25.5	25.5	88.8	89.0	6.0	6.0	4.4		4		89				<0.2		2.1	
						8.4	0.4	25	28.6		7.9		25.4		89.1		6.0		4.5		5		90				<0.2		1.8	
C2	Sunny	Moderate	08:25	12.4	Surface	1.0	0.6	338	29.4	29.4	7.9	7.9	20.6	20.6	87.5	87.5	6.0	5.9	4.9	6.8	3	5	83	86	825688	806918	<0.2	<0.2	2.6	2.5
						1.0	0.6	353	29.4		7.9		20.6		87.5		6.0		4.8		4		84				<0.2		2.5	
					Middle	6.2	0.6	357	29.3	29.3	7.9	7.9	23.2	23.2	85.0	85.0	5.7		2.5		5		86				<0.2		2.5	
						6.2	0.7	358	29.3		7.9		23.2		85.0		5.7		2.5		6		86				<0.2		2.6	
					Bottom	11.4	0.4	22	29.0	29.0	7.9	7.9	24.2	24.2	80.9	81.1	5.5	5.5	13.7		6		87				<0.2		2.5	
						11.4	0.4	22	29.0		7.9		24.1		81.3		5.5		12.2		7		87				<0.2		2.4	
C3	Sunny	Moderate	07:00	11.9	Surface	1.0	0.8	248	29.2	29.2	8.0	8.0	23.1	23.1	92.9	92.9	6.3	6.2	1.5	1.5	4	5	81	84	822120	817801	<0.2	<0.2	2.0	2.1
						1.0	0.8	254	29.2		8.0		23.1		92.8		6.3		1.5		4		82				<0.2		2.3	
					Middle	6.0	0.8	268	28.9	28.9	8.0	8.0	24.2	24.3	91.2	91.1	6.1		1.6		4		83				<0.2		2.2	
						6.0	0.8	282	28.9		8.0		24.3		91.0		6.1		1.5		5		84				<0.2		1.9	
					Bottom	10.9	0.7	278	28.7	28.7	8.0	8.0	25.1	25.1	90.8	90.9	6.1	6.1	1.6		6		86				<0.2		1.9	
						10.9	0.7	292	28.7		8.0		25.0		91.0		6.1		1.5		5		86				<0.2		2.0	
IM1	Sunny	Moderate	07:50	5.3	Surface	1.0	0.3	25	29.4	29.4	8.0	8.0	22.3	22.3	95.3	95.3	6.4	6.4	3.5	4.9	5	5	84	86	817958	807155	<0.2	<0.2	2.1	2.1
						1.0	0.3	27	29.3		8.0		22.3		95.3		6.4		3.8		5		84				<0.2		2.0	
					Middle	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						-	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	4.3	0.3	23	29.0	29.0	7.9	7.9	24.5	24.6	88.8	88.7	6.0	6.0	6.2		5		88				<0.2		2.2	
						4.3	0.3	24	29.0		7.9		24.6		88.5		5.9		6.4		5		89				<0.2		2.1	
IM2	Sunny	Moderate	07:56	8.3	Surface	1.0	0.5	7	29.4	29.4	8.0	8.0	22.1	22.1	94.3	94.2	6.4	6.3	3.3	6.4	3	5	83	86	818189	806159	<0.2	<0.2	2.1	2.1
						1.0	0.5	7	29.3		8.0		22.2		94.0		6.4		3.6		5		84				<0.2		2.0	
					Middle	4.2	0.5	10	29.1	29.1	7.9	7.9	24.3	24.3	92.1	92.1	6.2		5.2		4		85				<0.2		1.9	
						4.2	0.6	10	29.1		7.9		24.3		92.1		6.2		5.1		5		86				<0.2		2.1	
					Bottom	7.3	0.5	2	28.8	28.8	7.9	7.9	25.1	25.1	82.6	82.7	5.6	5.6	10.3		5		88				<0.2		2.5	
						7.3	0.5	2	28.8		7.9		25.1		82.7		5.6		10.9		5		88				<0.2		2.1	
IM3	Sunny	Moderate	08:06	8.7	Surface	1.0	0.5	39	29.3	29.3	7.9	7.9	22.0	22.0	92.1	92.0	6.2	6.2	3.4	6.6	4	5	84	86	818770	805578	<0.2	<0.2	2.0	2.1
						1.0	0.5	39	29.3		7.9		22.0		91.9		6.2		3.6		4		84				<0.2		2.2	
					Middle	4.4	0.6	40	28.9	28.9	7.9	7.9	23.7	23.7	90.0	89.9	6.1		7.2		3		85				<0.2		2.1	
						4.4	0.6	43	28.9		7.9		23.7		89.7		6.1		7.7		4		86				<0.2		2.2	
					Bottom	7.7	0.5	37	28.7	28.8	7.9	7.9	25.6	25.6	81.6	81.8	5.5	5.5	9.2		7		89				<0.2		2.0	
						7.7	0.5	38	28.8		7.9		25.6		82.0		5.5		8.4		5		89				<0.2		2.0	
IM4	Sunny	Moderate	08:12	8.2	Surface	1.0	0.8	20	29.4	29.4	7.9	7.9	22.4	22.5	91.8	91.7	6.2	6.1	3.0	7.3	3	4	83	87	819712	804601	<0.2	<0.2	2.0	2.1
						1.0	0.8	21	29.3		7.9		22.5		91.6		6.2		3.1		3		84				<0.2		2.1	
					Middle	4.1	0.8	19	28.9	28.9	7.9	7.9	23.6	23.6	89.0	88.9	6.0		7.7		4		87				<0.2		2.0	
						4.1	0.8	20	28.8		7.9		23.6		88.8		6.0		8.0		3		88				<0.2		2.1	
					Bottom	7.2	0.5	13	28.5	28.5	7.9	7.9	26.0	26.0	79.5	79.6	5.3	5.4	11.3		5		90				<0.2		2.0	
						7.2	0.5	13	28.5		7.9		25.9		79.7		5.4		11.1		4		90				<0.2		2.1	
IM5	Sunny	Moderate	08:25	7.4	Surface	1.0	0.6	11	29.4	29.4	7.9	7.9	21.8	21.8	93.2	93.2	6.3	6.1	2.6	6.4	3	5	84	87	820759	804862	<0.2	<0.2	2.4	2.2
						1.0	0.7	12	29.4		7.9		21.8		93.1		6.3		2.6		4		85				<0.2		1.9	
					Middle	3.7	0.6	23	29.2	29.2	7.9	7.9	22.9	22.9	87.9	87.7	5.9		6.4		4		87				<0.2		2.0	
						3.7	0.7	24	29.2		7.9		23.0		87.5		5.9		6.5		4		88				<0.2		2.2	
					Bottom	6.4	0.4	5	29.1	29.1	7.9	7.9	23.4	23.4	86.6	86.6	5.8	5.8	10.1		7		90				<0.2		2.4	
						6.4	0.4	5	29.1		7.9		23.4		86.6		5.8		10.2		6		90				<0.2		2.2	
IM6	Sunny	Moderate	08:33	7.4	Surface	1.0	0.6	36	29.4	29.4	8.0	8.0	21.3	21.4	91.8	91.7	6.2	6.1	4.0	6.7	5	6	84	86	821063	805847	<0.2	<0.2	2.0	2.1
						1.0	0.6	36	29.4		8.0		21.4		91.6		6.2		4.2		6		84				<0.2		2.2	
					Middle	3.7	0.4	36	29.3	29.3	8.0	8.0	21.9	21.9	88.9	88.9	6.0		6.5		6		86				<0.2		2.0	
						3.7	0.4	36	29.3		8.0		21.9		88.9		6.0		6.6		5		86				<0.2		2.2	
					Bottom	6.4	0.3	26	29.3	29.3	8.0	8.0	22.0	22.0	89.4	89.5	6.1	6.1	9.6		6		89				<0.2		2.1	
						6.4	0.3	26	29.3		8.0		22.0		89.6		6.1		9.5		7		89				<0.2		2.2	
IM7	Sunny	Moderate	08:42	8.7	Surface	1.0	0.7	26	29.5	29.5	7.9	7.9	20.9	20.9	94.6	94.6	6.4	6.3	2.9	7.0	5	7	83	86	821349	806860	<0.2	<0.2	2.2	2.2
						1.0	0.7	27	29.5		7.9		20.9		94.6		6.4		2.9		6		83				<0.2		2.2	
					Middle	4.4	0.6	12	29.3	29.3	7.9	7.9	21.7	21.7	89.7	89.7	6.1		8.8		8		86				<0.2		2.3	
						4.4	0.6	12	29.3		7.9		21.7		89.7		6.1		8.9		6		86				<0.2		2.0	
					Bottom	7.7	0.5	23	29.3	29.3	7.9	7.9	21.8	21.8	89.3	89.4	6.1	6.1	9.3		6		89				<0.2		2.2	
						7.7	0.5	24	29.3		7.9		21.8		89.4		6.1		9.3		8		88				<0.2		2.2	
IM8	Sunny	Moderate	08:03	8.7	Surface	1.0	0.0	185	29.5	29.5	7.9	7.9	20.9	21.0	93.8	93.6	6.4	6.2	3.2	7.0	5	7	82	84	821826	808164	<0.2	<0.2	2.2	2.2
						1.0	0.0	190	29.5		7.9		21.0		93.4		6.3		3.5		6		82				<0.2		2.2	
					Middle	4.4	0.3	52	29.3	29.3	7.9	7.9	21.7	21.7	90.0	90.1	6.1		8.4		8		84				<0.2		2.3	
						4.4	0.3	55	29.3		7.9		21.7		90.1		6.1		8.7		7		84				<0.2		2.2	
					Bottom	7.7	0.6	73	29.3	29.3	7.9	7.9	21.7	21.7	91.0	91.1	6.2	6.2	9.2		8		86				<0.2		2.1	
						7.7	0.6	73	29.3		7.9		21.7		91.1		6.2		9.1		10		86				<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 31 May 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	07:57	7.7	Surface	1.0	0.2	45	29.4	29.4	7.9	7.9	21.4	21.4	92.4	92.3	6.3	6.3	4.0	5.6	6	7	81	84	822106	808832	<0.2	<0.2	2.1	2.1
						1.0	0.2	48	29.4		7.9		21.4		92.2		6.3		4.1		5		82				<0.2		1.9	
					Middle	3.9	0.2	344	29.3	29.3	8.0	8.0	21.6	21.6	90.7	90.7	6.2		4.9		7		83				<0.2		2.2	
						3.9	0.2	356	29.3		8.0		21.6		90.6		6.2		5.1		8		84				<0.2		2.1	
					Bottom	6.7	0.2	336	29.3	29.3	8.0	8.0	22.0	21.9	91.3	91.6	6.2	6.2	7.9		8		87				<0.2		2.1	
						6.7	0.2	338	29.3		8.0		21.9		91.8		6.2		7.8		7		87				<0.2		2.1	
IM10	Sunny	Moderate	07:51	6.9	Surface	1.0	0.6	315	29.4	29.4	7.9	7.9	21.9	21.9	93.4	93.4	6.3	6.3	2.5	5.3	3	5	82	84	822386	809772	<0.2	<0.2	2.2	2.0
						1.0	0.6	343	29.4		7.9		21.9		93.4		6.3		2.5		4		82				<0.2		1.9	
					Middle	3.5	0.5	318	29.3	29.3	7.9	7.9	22.5	22.6	92.9	92.9	6.3		3.9		6		83				<0.2		1.8	
						3.5	0.5	334	29.2		7.9		22.6		92.8		6.3		4.0		5		84				<0.2		2.0	
					Bottom	5.9	0.4	321	29.1	29.2	8.0	8.0	23.5	23.4	88.8	88.9	6.0	6.0	9.8		6		86				<0.2		2.0	
						5.9	0.4	338	29.2		8.0		23.4		88.9		6.0		9.4		6		87				<0.2		2.0	
IM11	Sunny	Moderate	07:41	8.3	Surface	1.0	0.6	322	29.4	29.4	7.9	7.9	22.2	22.2	93.4	93.4	6.3	6.2	3.0	6.6	5	6	82	84	822031	811444	0.5	0.3	22.8	**9.3**
						1.0	0.6	331	29.4		7.9		22.2		93.3		6.3		3.0		4		82				0.5		24.5	
					Middle	4.2	0.5	308	29.0	29.0	7.9	7.9	24.2	24.2	89.0	89.0	6.0		7.2		6		84				<0.2		2.1	
						4.2	0.5	322	28.9		7.9		24.2		88.9		6.0		7.4		6		84				<0.2		2.0	
					Bottom	7.3	0.3	285	28.7	28.7	7.9	7.9	25.5	25.4	82.2	82.3	5.5	5.5	9.7		6		87				<0.2		2.0	
						7.3	0.4	295	28.7		7.9		25.4		82.4		5.5		9.3		7		87				<0.2		2.2	
IM12	Sunny	Moderate	07:35	7.8	Surface	1.0	0.7	288	29.4	29.4	8.0	8.0	22.3	22.3	95.7	95.7	6.5	6.3	2.6	6.8	5	6	81	84	821473	812037	<0.2	<0.2	4.3	**5.6**
						1.0	0.7	294	29.4		8.0		22.3		95.7		6.5		2.8		4		82				<0.2		4.1	
					Middle	3.9	0.6	275	29.1	29.1	7.9	7.9	24.4	24.4	91.3	91.3	6.1		6.3		8		84				<0.2		3.2	
						3.9	0.6	288	29.0		7.9		24.4		91.3		6.1		6.2		6		84				<0.2		3.7	
					Bottom	6.8	0.4	262	28.8	28.8	7.9	7.9	25.0	25.0	85.3	85.4	5.7	5.7	11.6		7		86				<0.2		8.8	
						6.8	0.4	265	28.8		7.9		25.0		85.4		5.7		11.4		7		86				<0.2		9.2	
SR2	Sunny	Moderate	07:20	4.6	Surface	1.0	0.3	312	29.3	29.3	7.9	7.9	22.8	22.8	89.7	89.7	6.1	6.1	3.6	5.6	5	5	82	84	821454	814169	<0.2	<0.2	2.0	2.0
						1.0	0.3	338	29.3		7.9		22.9		89.6		6.0		3.9		5		82				<0.2		2.4	
					Middle	2.3	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.3	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.6	0.4	331	28.9	29.0	7.9	7.9	24.3	24.3	82.8	82.9	5.6	5.6	7.6		6		86				<0.2		2.1	
						3.6	0.4	347	29.0		7.9		24.2		83.0		5.6		7.4		5		86				<0.2		1.6	
SR3	Sunny	Moderate	08:08	9.6	Surface	1.0	0.5	45	29.7	29.7	7.9	7.9	21.0	21.0	92.8	92.7	6.3	6.2	2.7	3.8	6	6	-	-	822152	807543	-	-	-	-
						1.0	0.6	48	29.6		7.9		21.1		92.6		6.3		2.7		5		-				-		-	
					Middle	4.8	0.6	30	29.3	29.3	8.0	8.0	21.8	21.8	90.6	90.6	6.1		3.7		6		-				-		-	
						4.8	0.6	30	29.3		8.0		21.9		90.5		6.1		3.9		5		-				-		-	
					Bottom	8.6	0.6	26	29.3	29.3	7.9	7.9	22.1	22.1	90.9	91.0	6.2	6.2	4.9		6		-				-		-	
						8.6	0.6	26	29.3		7.9		22.1		91.0		6.2		5.0		7		-				-		-	
SR4A	Sunny	Moderate	07:09	9.5	Surface	1.0	0.3	276	29.2	29.2	8.0	8.0	23.2	23.2	92.5	92.4	6.2	6.2	1.5	2.6	3	4	-	-	817172	807822	-	-	-	-
						1.0	0.4	293	29.2		8.0		23.3		92.3		6.2		1.5		2		-				-		-	
					Middle	4.8	0.3	275	28.8	28.8	8.0	8.0	24.5	24.6	90.2	90.1	6.1		2.7		4		-				-		-	
						4.8	0.4	277	28.8		8.0		24.6		89.9		6.1		2.7		4		-				-		-	
					Bottom	8.5	0.0	38	28.6	28.7	8.0	8.0	25.3	25.2	89.7	89.9	6.0	6.1	3.5		5		-				-		-	
						8.5	0.0	38	28.7		8.0		25.2		90.0		6.1		3.6		5		-				-		-	
SR5A	Sunny	Moderate	06:55	4.6	Surface	1.0	0.2	272	29.1	29.1	8.0	8.0	23.5	23.5	94.6	94.6	6.4	6.4	1.7	2.3	4	4	-	-	816605	810677	-	-	-	-
						1.0	0.3	280	29.1		8.0		23.5		94.6		6.4		1.7		2		-				-		-	
					Middle	2.3	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.3	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.6	0.2	269	29.1	29.1	8.0	8.0	23.7	23.7	94.2	94.2	6.4	6.4	3.0		4		-				-		-	
						3.6	0.2	291	29.1		8.0		23.7		94.2		6.4		3.0		4		-				-		-	
SR6	Sunny	Moderate	06:31	4.2	Surface	1.0	0.3	276	29.1	29.1	8.0	8.0	23.5	23.5	94.7	94.7	6.4	6.4	2.9	3.5	3	4	-	-	817923	814650	-	-	-	-
						1.0	0.3	292	29.1		8.0		23.5		94.7		6.4		2.9		4		-				-		-	
					Middle	2.1	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.1	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.2	0.2	288	29.0	29.0	8.0	8.0	24.2	24.2	94.3	94.3	6.3	6.3	4.0		5		-				-		-	
						3.2	0.2	312	29.0		8.0		24.2		94.2		6.3		4.0		3		-				-		-	
SR7	Sunny	Moderate	06:31	18.3	Surface	1.0	0.1	251	29.1	29.1	7.9	7.9	23.4	23.4	93.6	93.6	6.3	5.9	1.2	1.8	3	4	-	-	823653	823747	-	-	-	-
						1.0	0.1	272	29.1		7.9		23.4		93.5		6.3		1.4		4		-				-		-	
					Middle	9.2	0.2	41	28.0	28.0	7.9	7.9	27.2	27.2	82.3	82.4	5.5		1.6		5		-				-		-	
						9.2	0.2	45	28.0		7.9		27.2		82.4		5.6		1.6		4		-				-		-	
					Bottom	17.3	0.2	177	27.6	27.6	7.9	7.9	28.2	28.2	79.6	79.7	5.4	5.4	2.5		5		-				-		-	
						17.3	0.3	187	27.6		7.9		28.2		79.7		5.4		2.6		5		-				-		-	
SR8	Sunny	Moderate	07:30	4.1	Surface	1.0	-	-	29.5	29.5	8.0	8.0	21.7	21.7	96.9	97.0	6.6	6.6	1.6	1.7	4	4	-	-	820246	811418	-	-	-	-
						1.0	-	-	29.5		8.0		21.7		97.0		6.6		1.4		4		-				-		-	
					Middle	2.1	-	-	-	-	-	-	-	-	-	-	-		-		-		-				-		-	
						2.1	-	-	-		-		-		-		-		-		-		-				-		-	
					Bottom	3.1	-	-	29.5	29.5	8.0	8.0	22.0	22.0	95.6	95.6	6.5	6.5	1.8		4		-				-		-	
						3.1	-	-	29.5		8.0		22.0		95.6		6.5		1.8		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**


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
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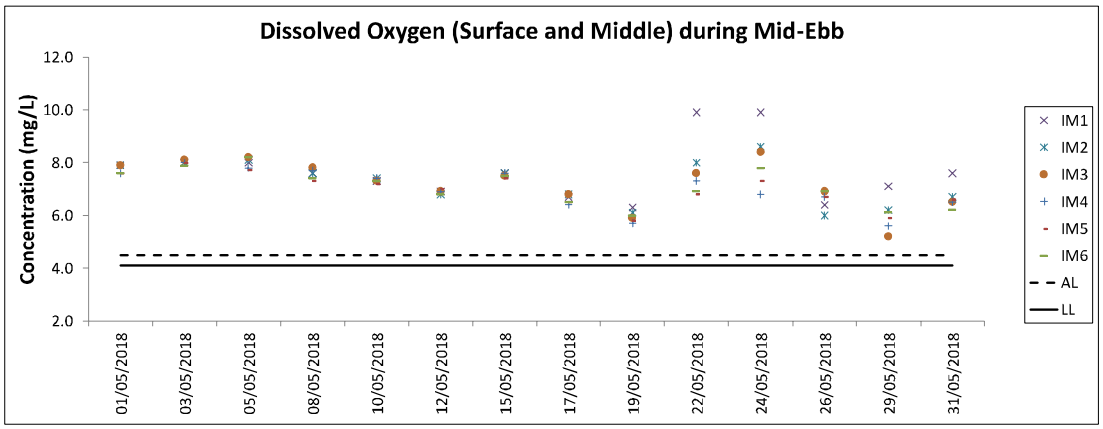
24/05/2018
26/05/2018
29/05/2018
31/05/2018
C1
C2
C3
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
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10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
24/05/2018
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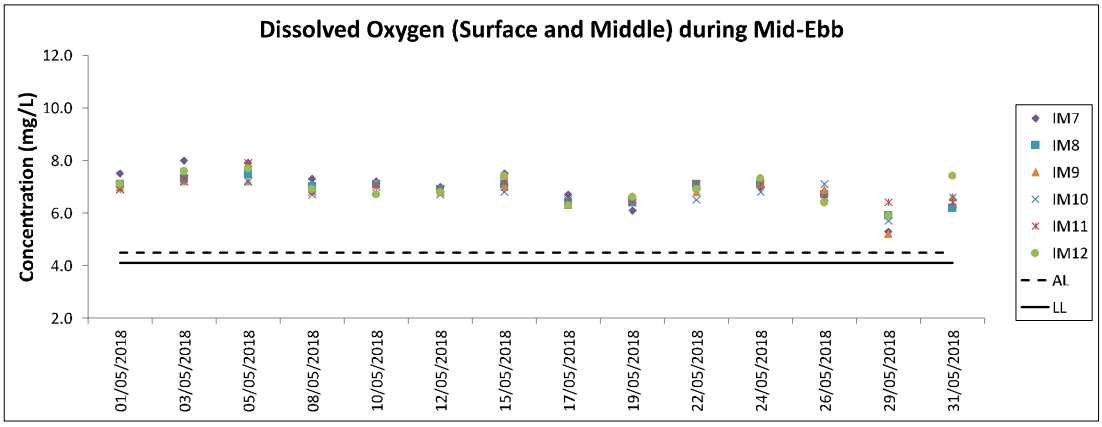
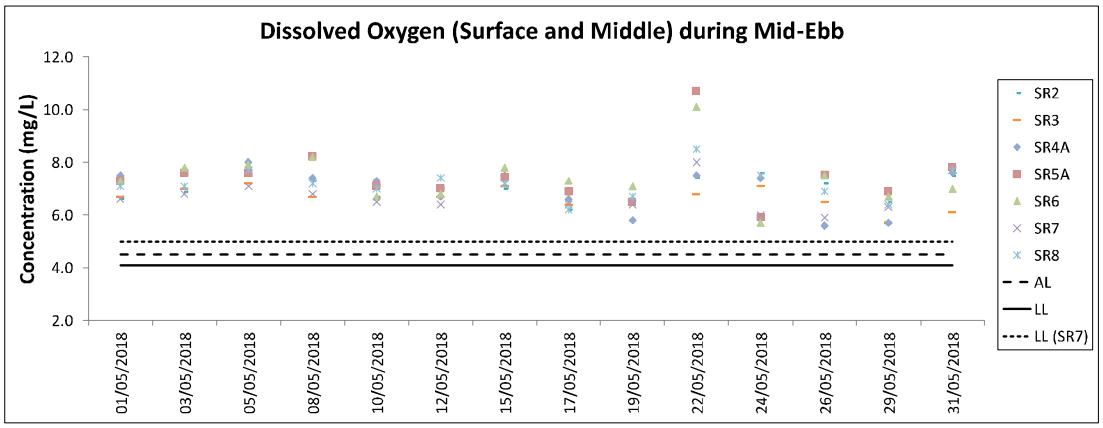
29/05/2018
31/05/2018
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
24/05/2018
26/05/2018
29/05/2018
31/05/2018
IM7
IM8
IM9
IM10
IM11
IM12
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Ebb
Concentration (mg/L)
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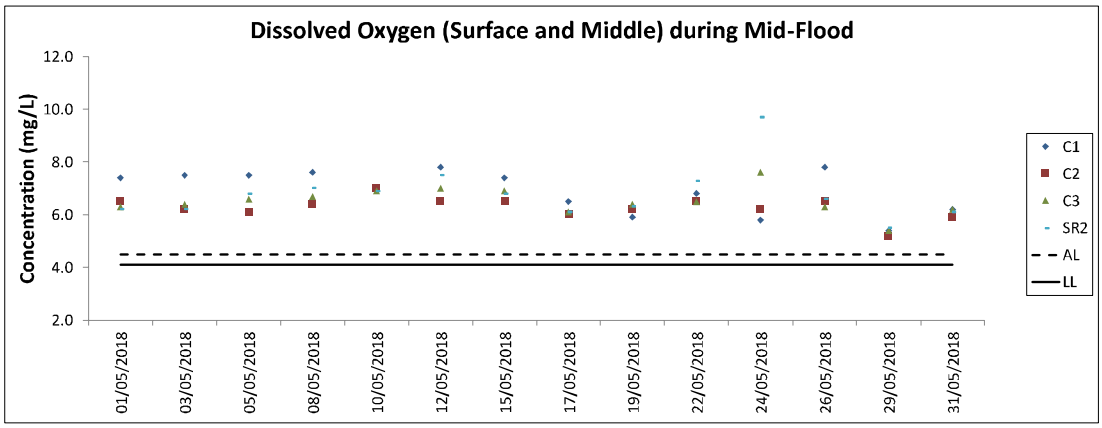
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
24/05/2018
26/05/2018
29/05/2018
31/05/2018
SR2
SR3
SR4A
SR5A
SR6
SR7
SR8
AL
LL
LL (SR7)


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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10.0
8.0
6.0
4.0
2.0
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03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
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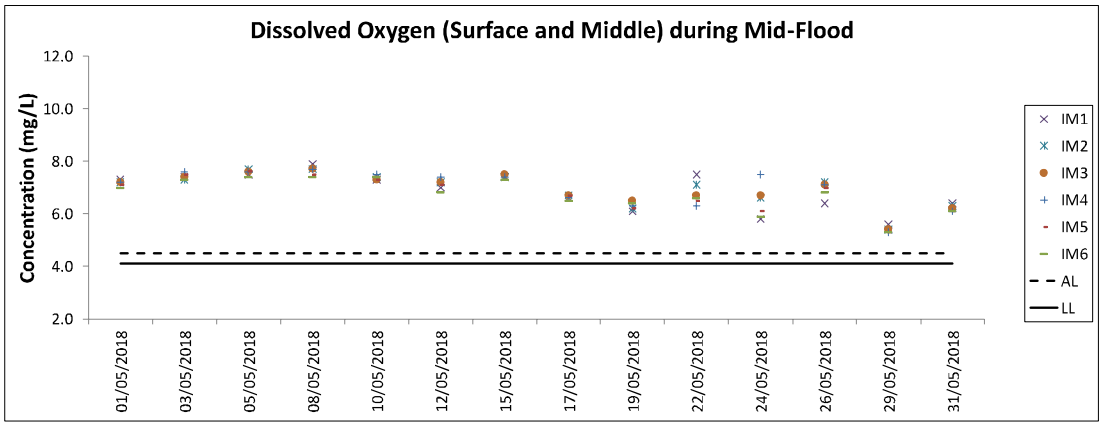
31/05/2018
C1
C2
C3
SR2
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
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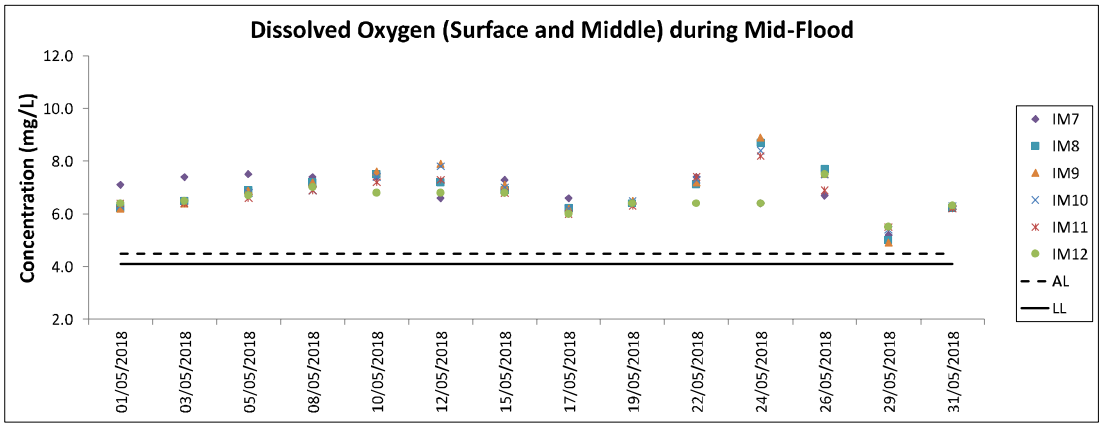
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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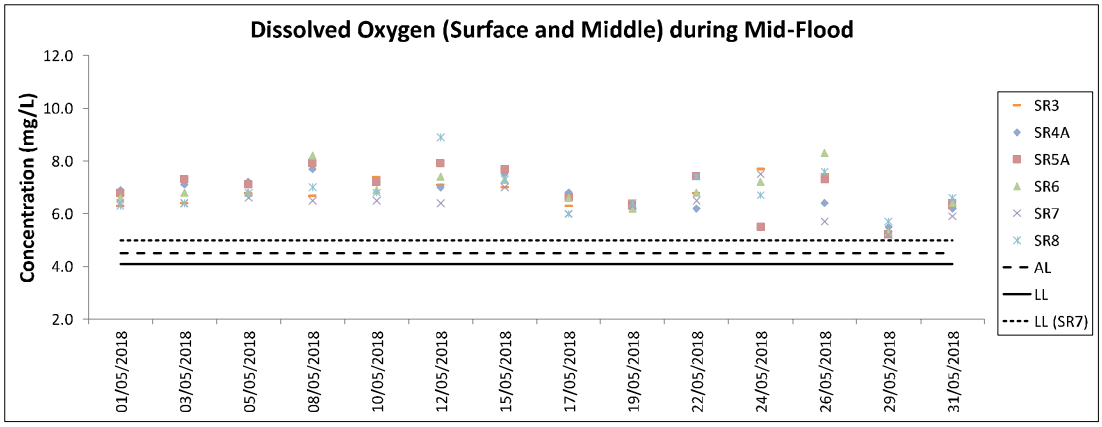
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
24/05/2018
26/05/2018
29/05/2018
31/05/2018
IM7
IM8
IM9
IM10
IM11
IM12
AL
LL


Dissolved Oxygen (Surface and Middle) during Mid-Flood
Concentration (mg/L)
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8.0
6.0
4.0
2.0
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03/05/2018
05/05/2018
08/05/2018
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12/05/2018
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22/05/2018
24/05/2018
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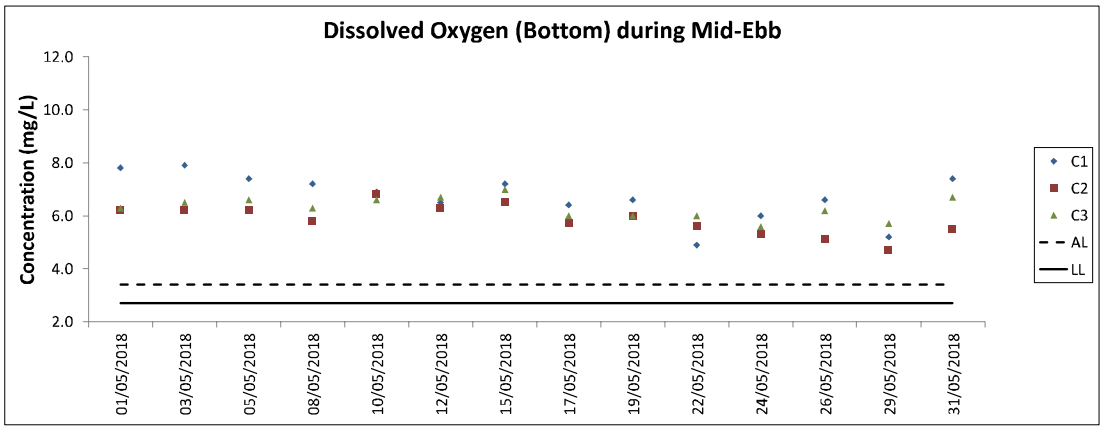
SR5A
SR6
SR7
SR8
AL
LL
LL (SR7)


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
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8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
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12/05/2018
15/05/2018
17/05/2018
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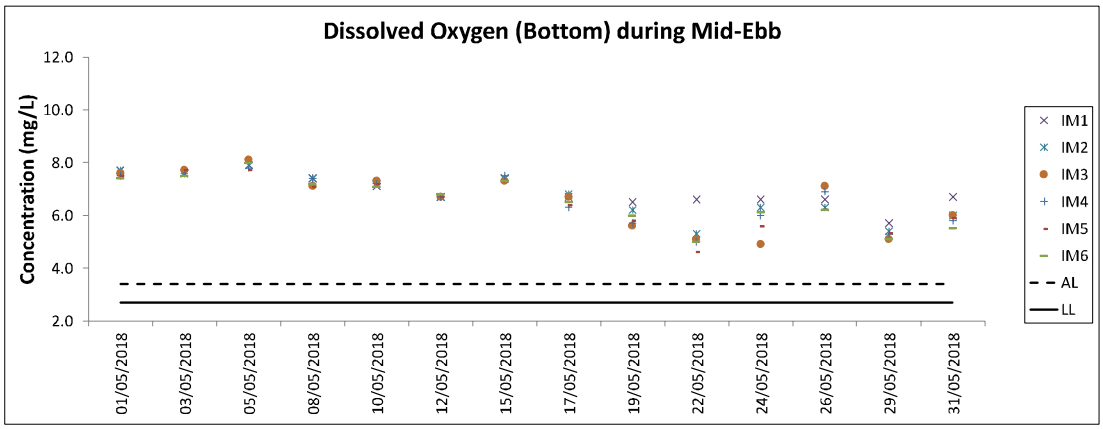
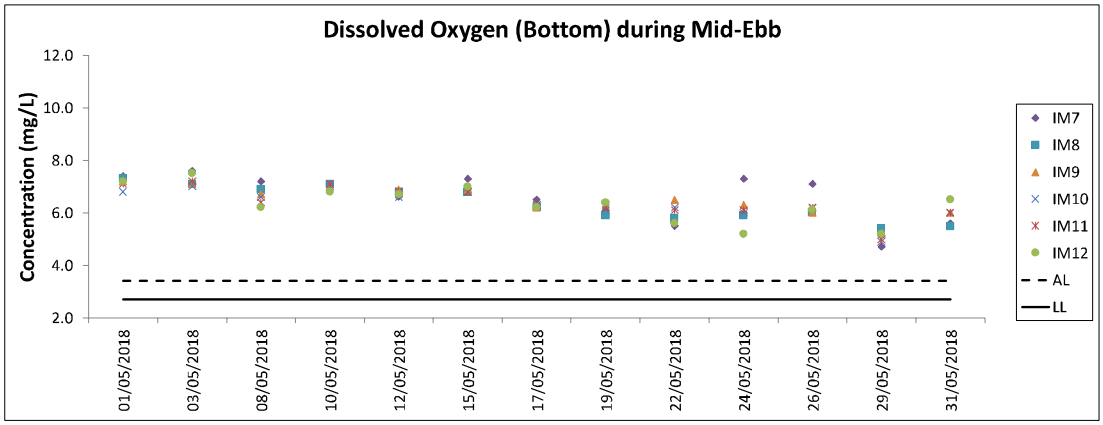
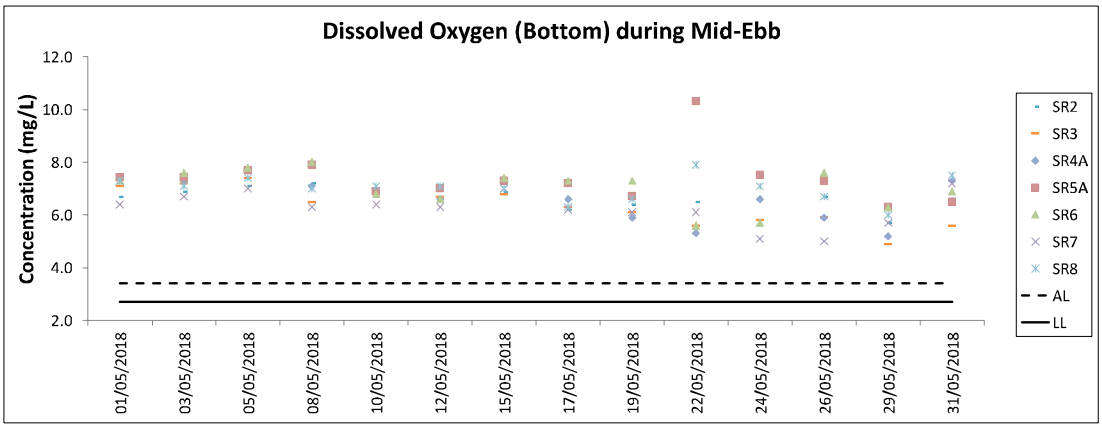
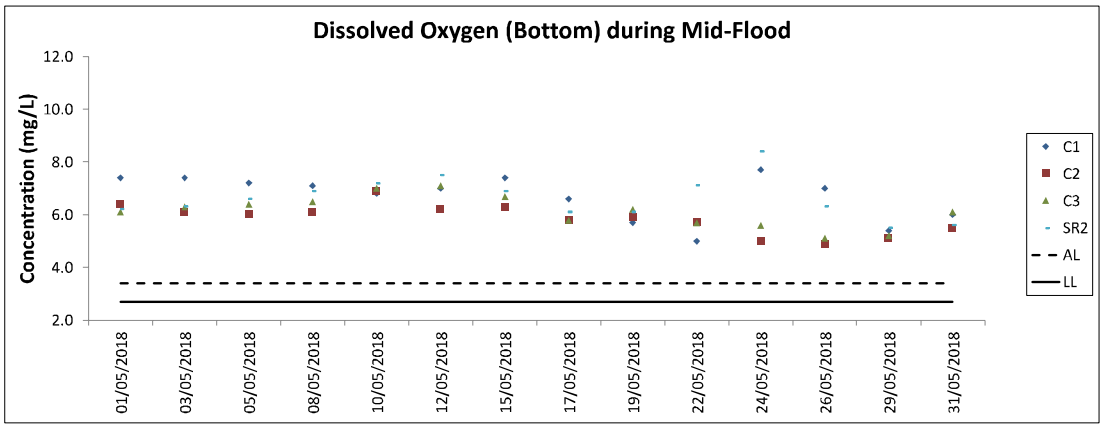
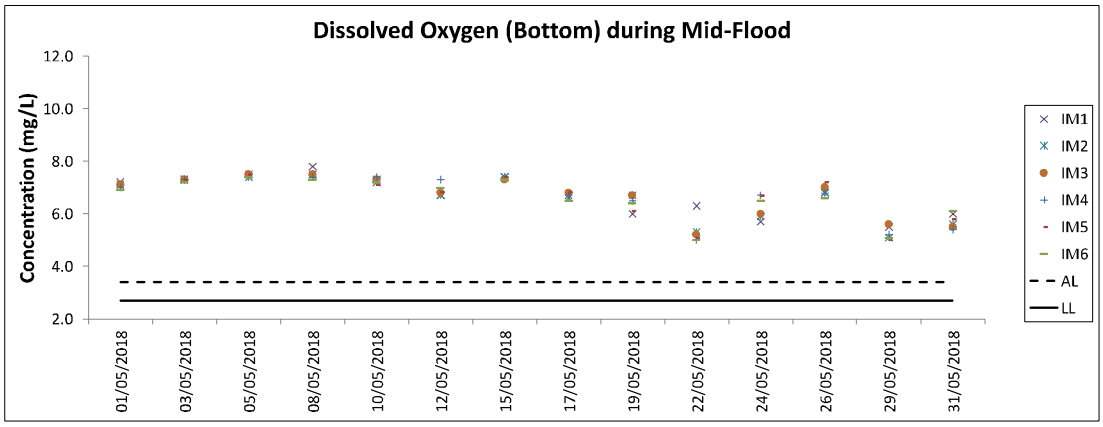
26/05/2018
29/05/2018
31/05/2018
C1
C2
C3
AL
LL

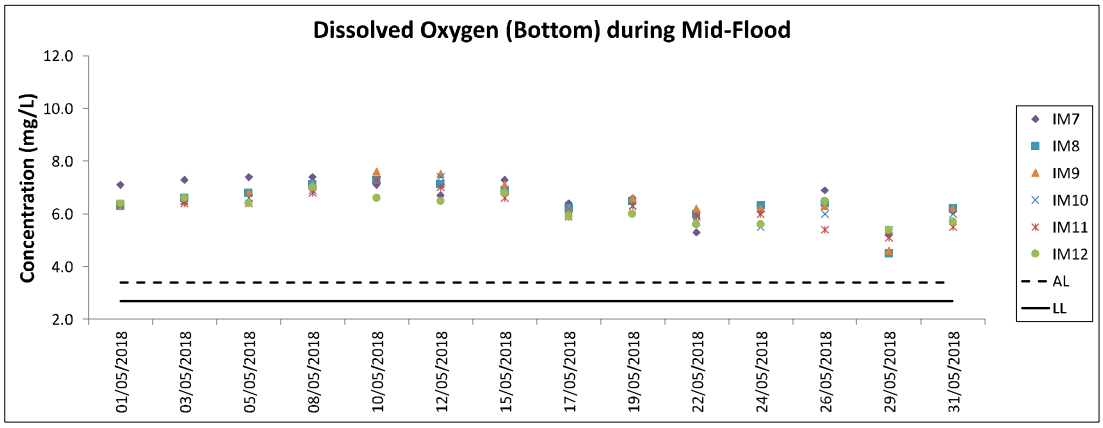

Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
24/05/2018
26/05/2018
29/05/2018
31/05/2018
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
24/05/2018
26/05/2018
29/05/2018
31/05/2018
IM7
IM8
IM9
IM10
IM11
IM12
AL
LL


Dissolved Oxygen (Bottom) during Mid-Ebb
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
24/05/2018
26/05/2018
29/05/2018
31/05/2018
SR2
SR3
SR4A
SR5A
SR6
SR7
SR8
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
24/05/2018
26/05/2018
29/05/2018
31/05/2018
C1
C2
C3
SR2
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
24/05/2018
26/05/2018
29/05/2018
31/05/2018
IM1
IM2
IM3
IM4
IM5
IM6
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
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IM8
IM9
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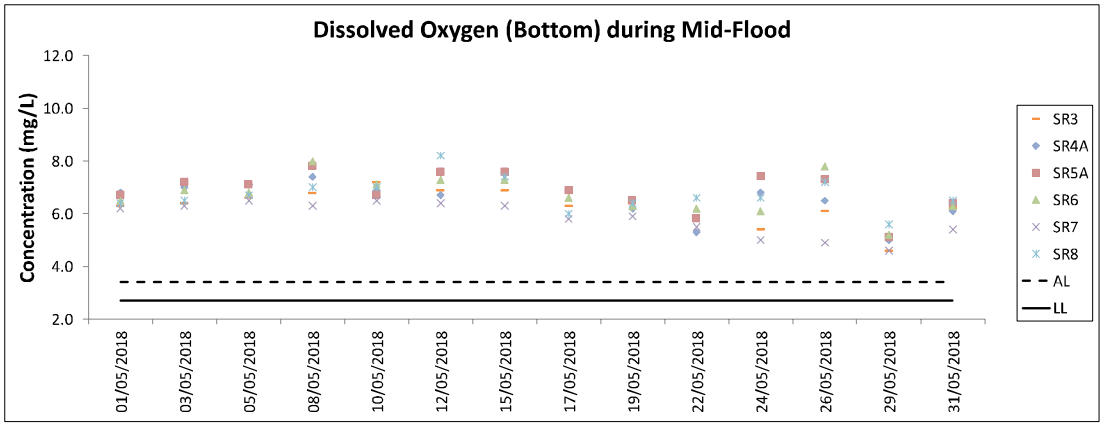
IM11
IM12
AL
LL


Dissolved Oxygen (Bottom) during Mid-Flood
Concentration (mg/L)
12.0
10.0
8.0
6.0
4.0
2.0
01/05/2018
03/05/2018
05/05/2018
08/05/2018
10/05/2018
12/05/2018
15/05/2018
17/05/2018
19/05/2018
22/05/2018
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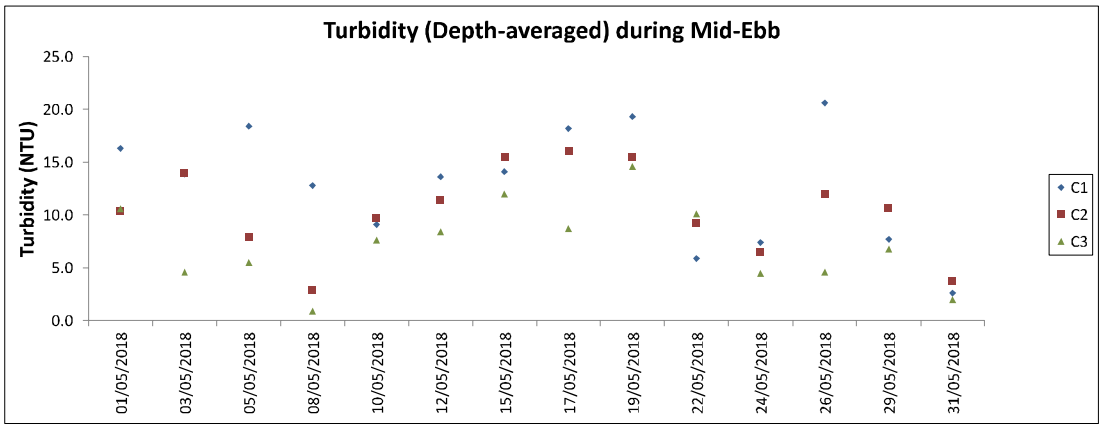
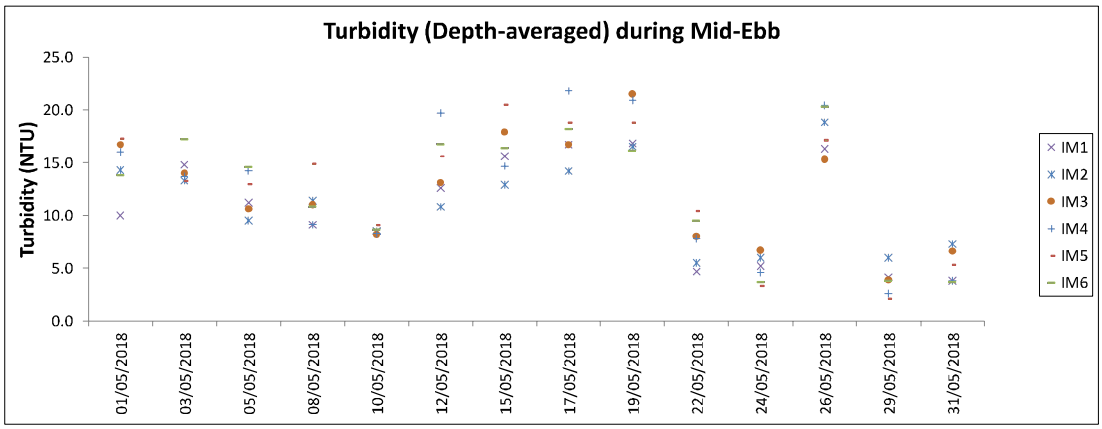
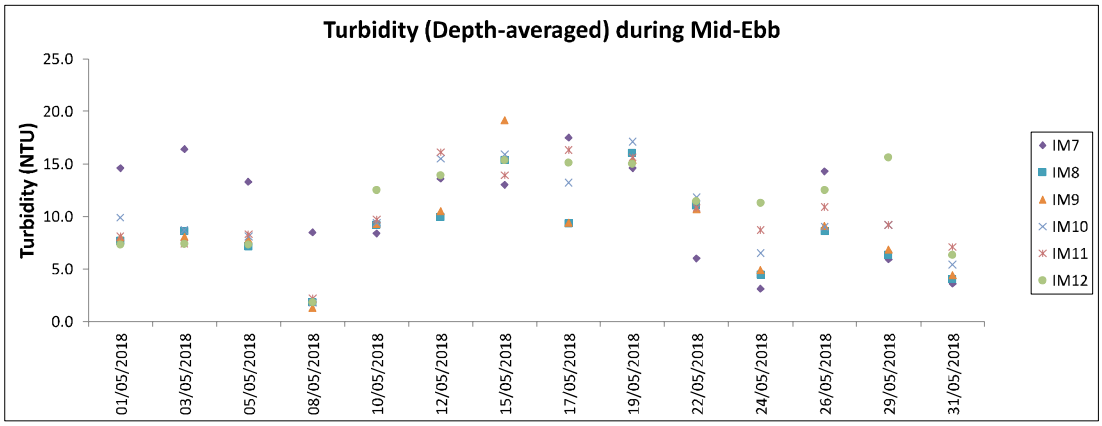
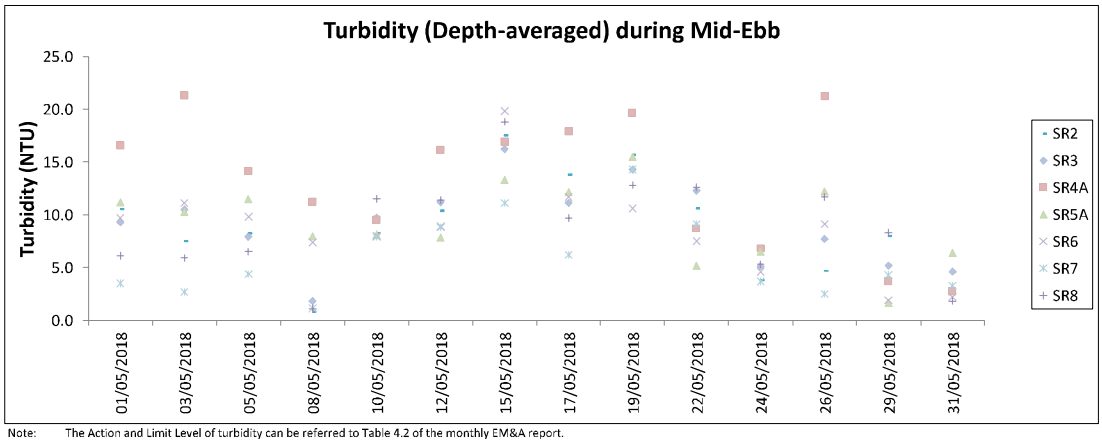
SR5A
SR6
SR7
SR8
AL
LL

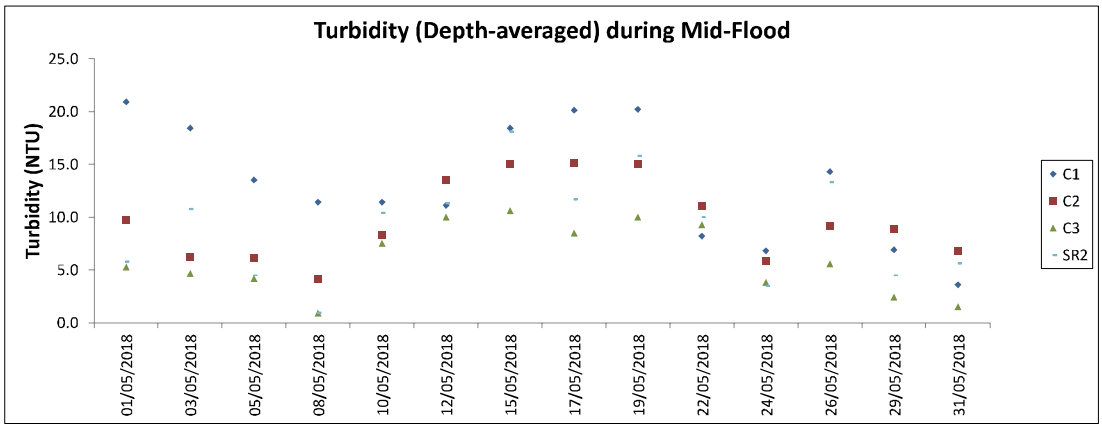


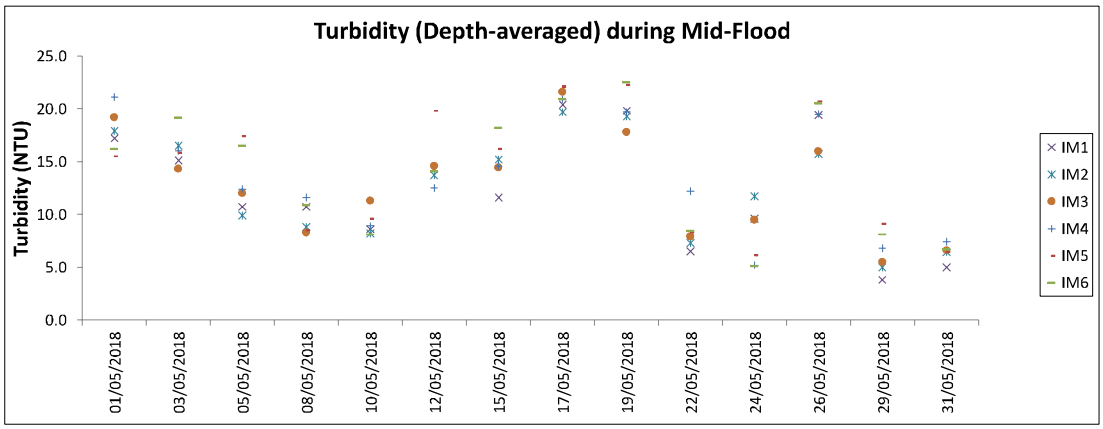


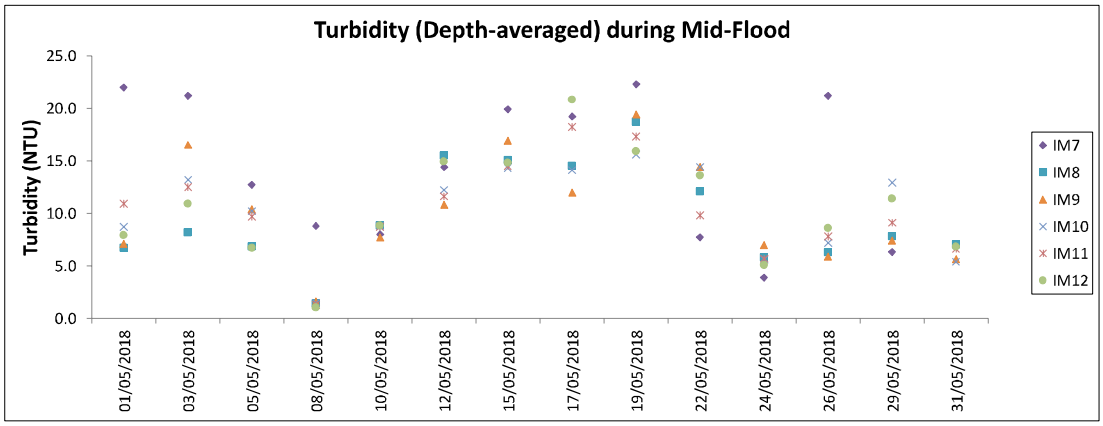


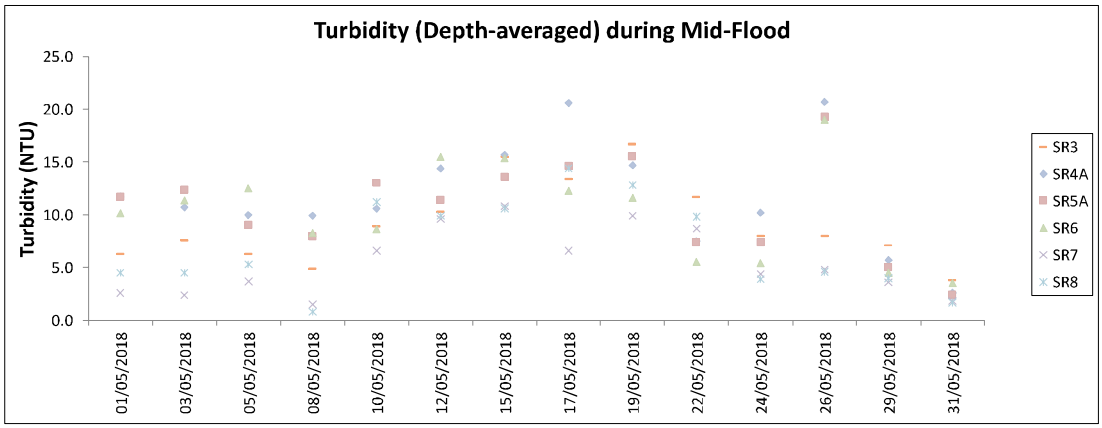


Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.

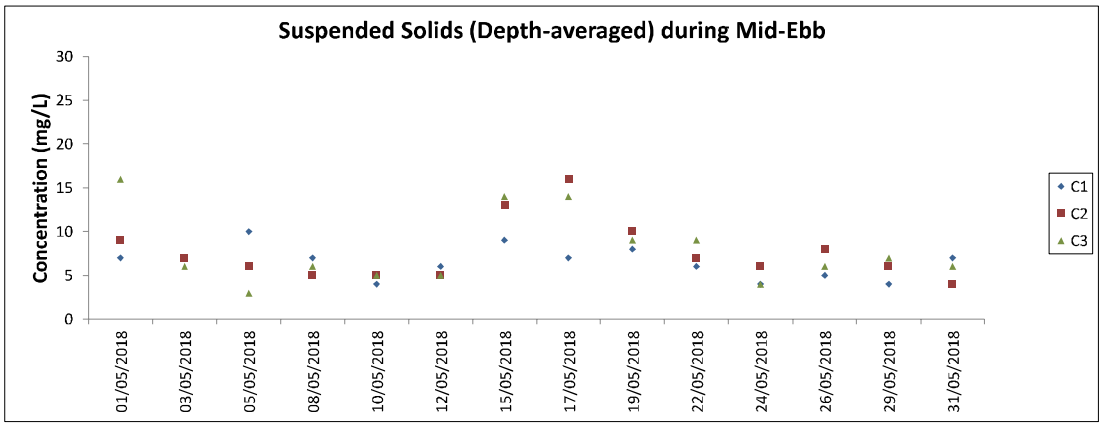


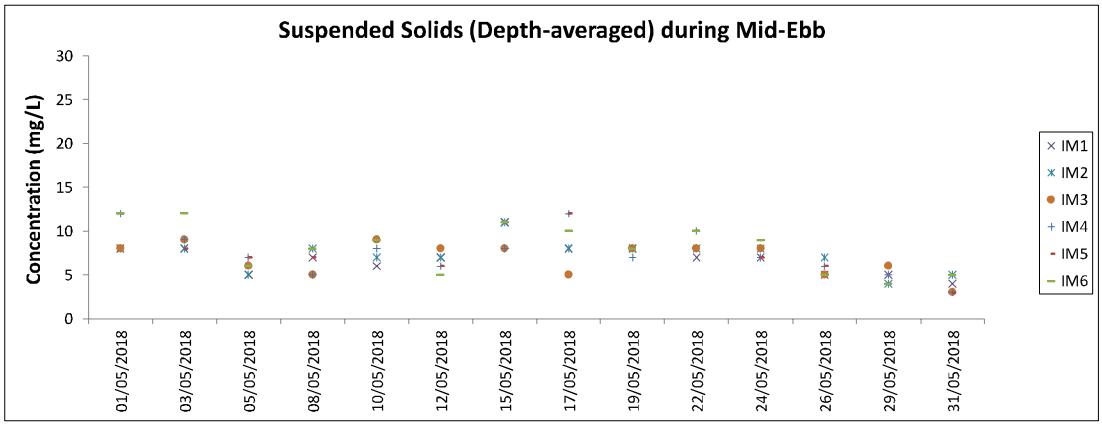


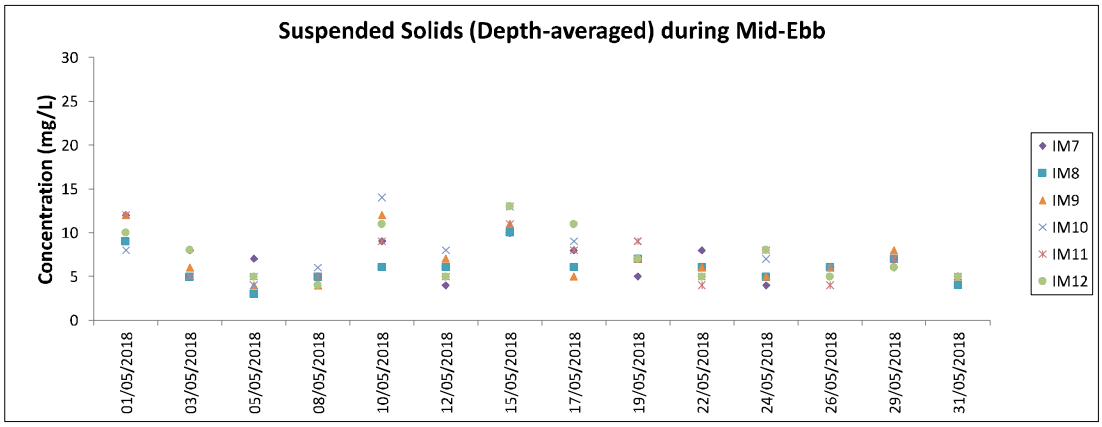


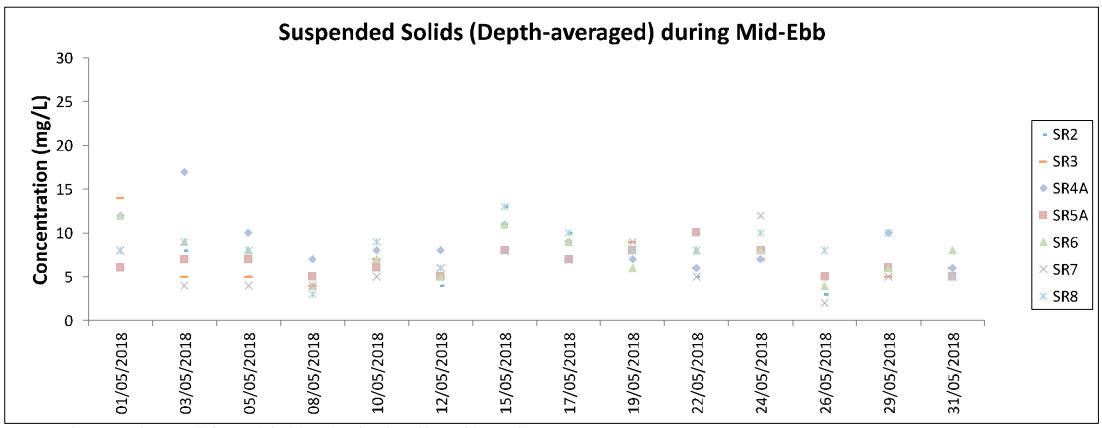


Note: The Action and Limit Level of turbidity can be referred to Table 4.2 of the monthly EM&A report.

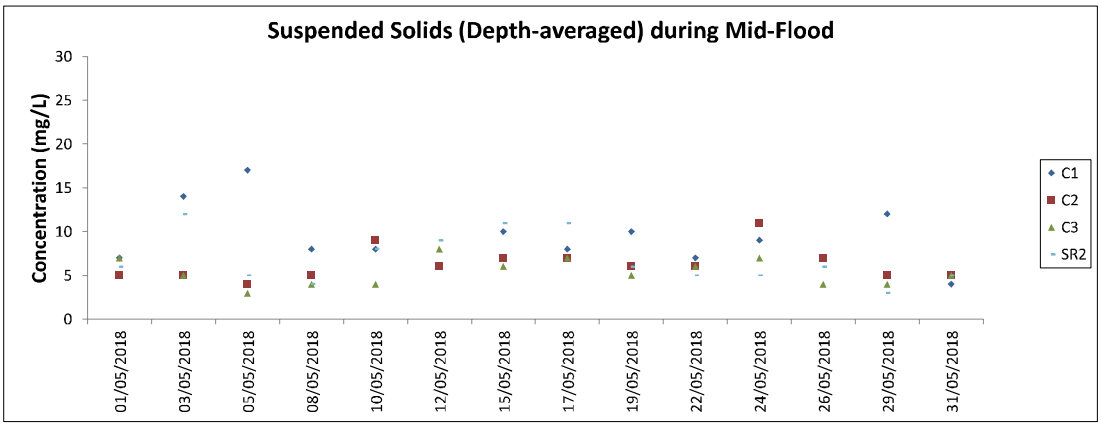


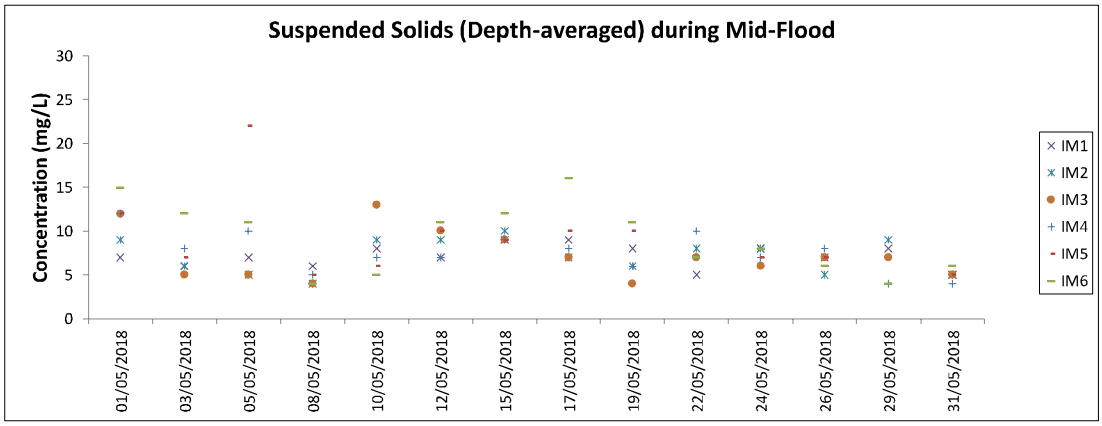


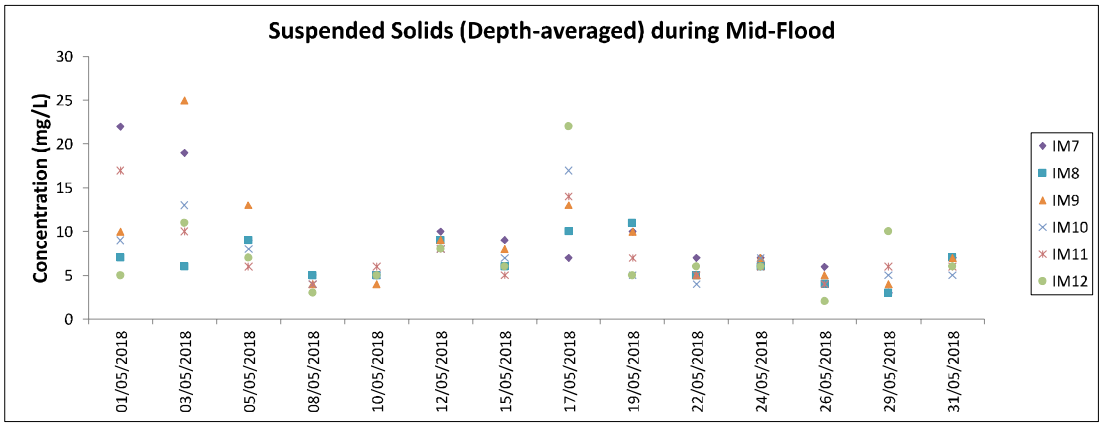


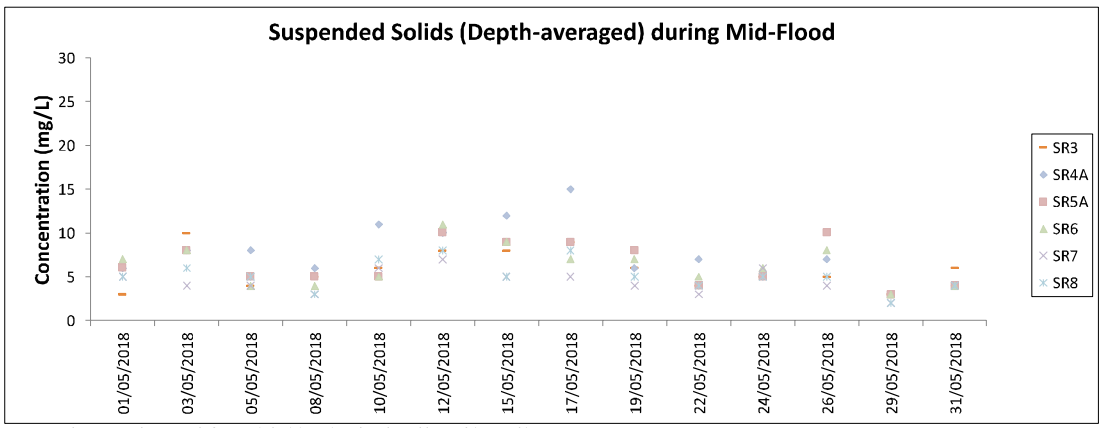


Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.

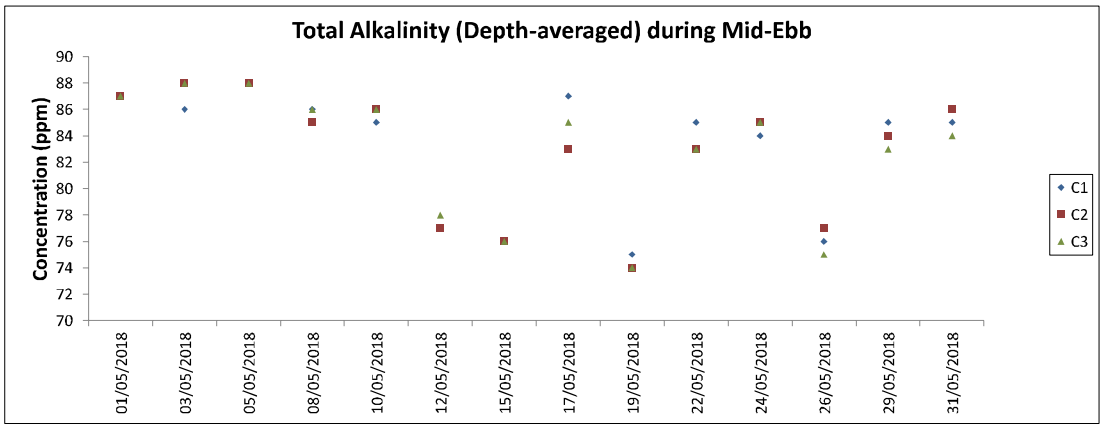


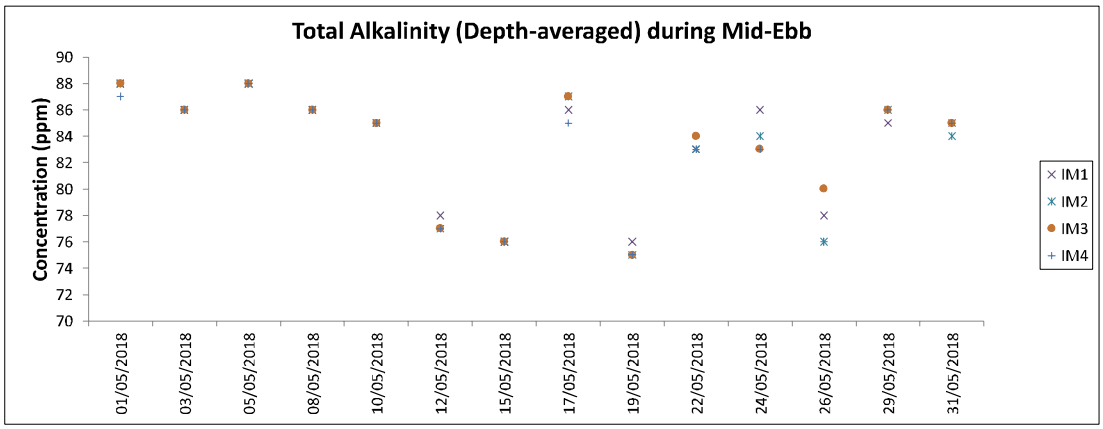


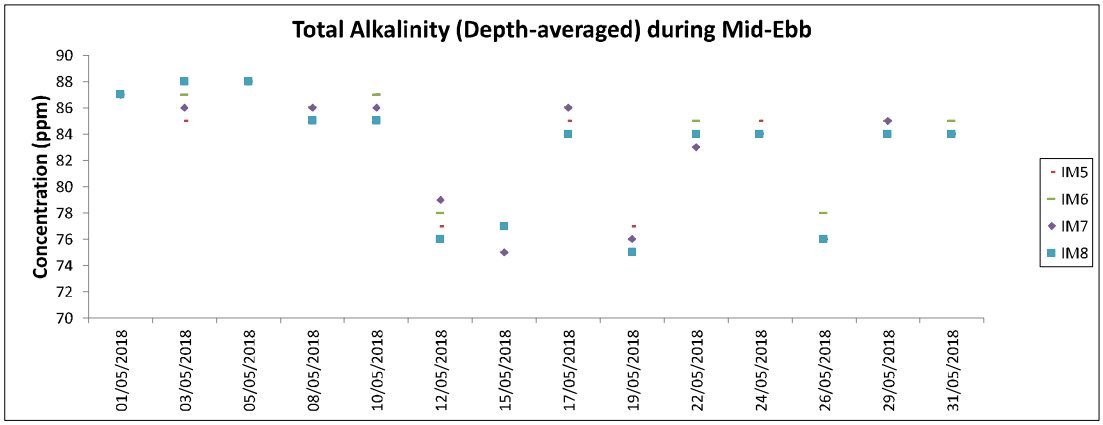


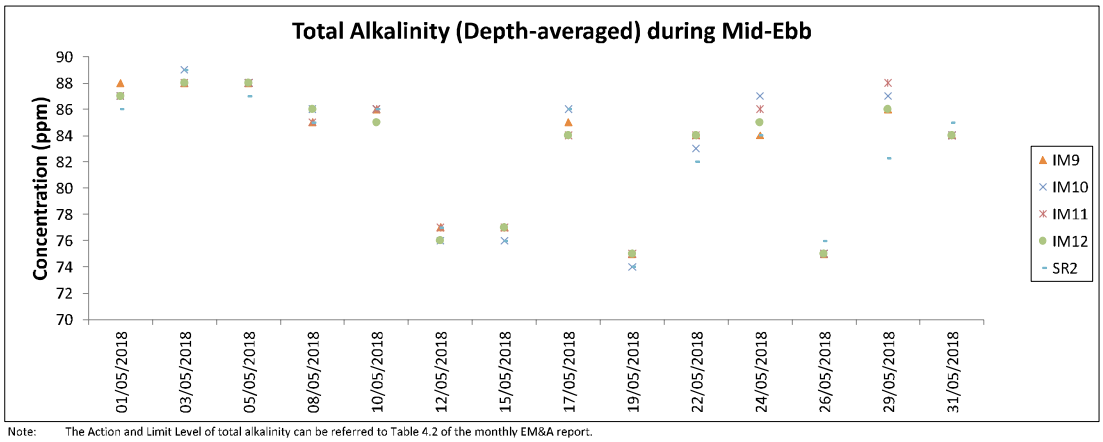


Note: The Action and Limit Level of suspended solids can be referred to Table 4.2 of the monthly EM&A report.

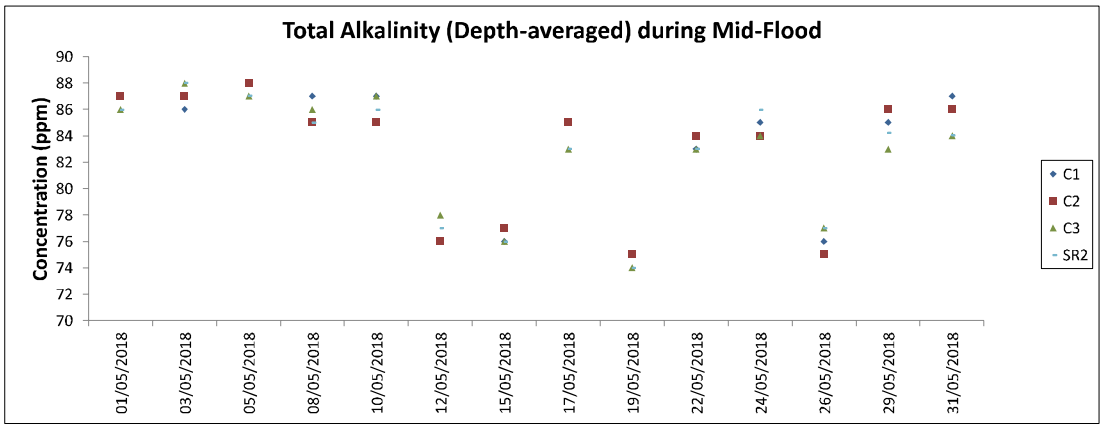


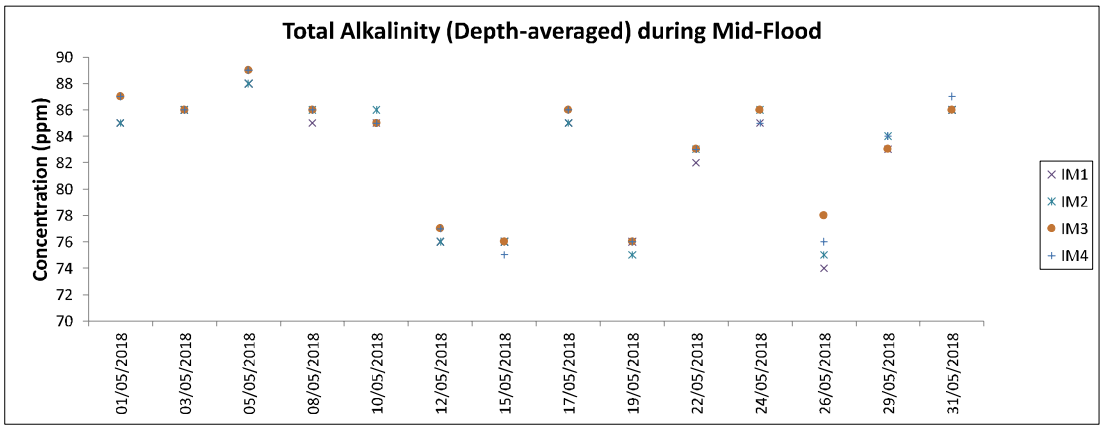


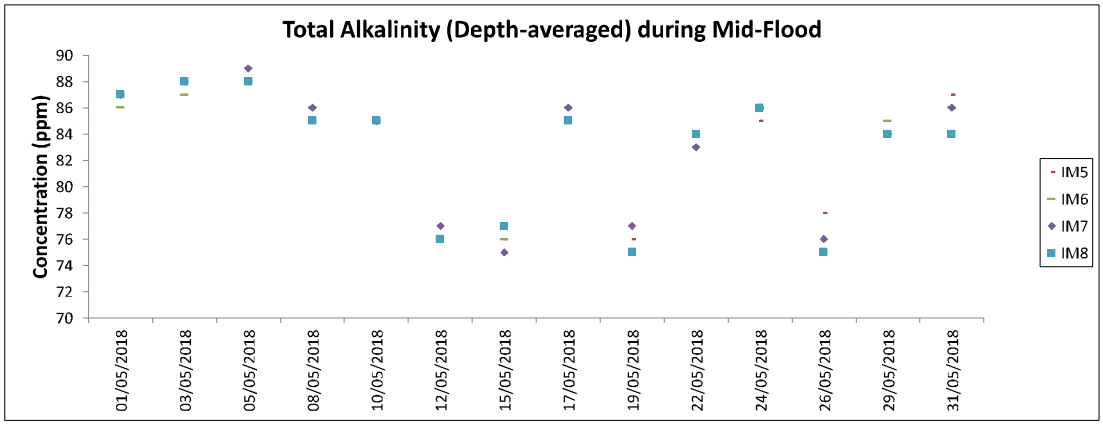


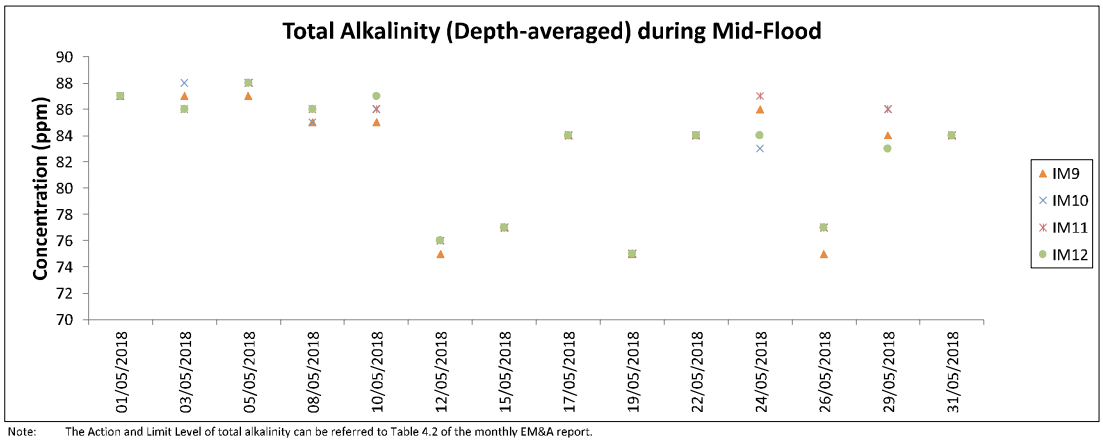


Note: The Action and Limit Level of total alkalinity can be referred to Table 4.2 of the monthly EM&A report.

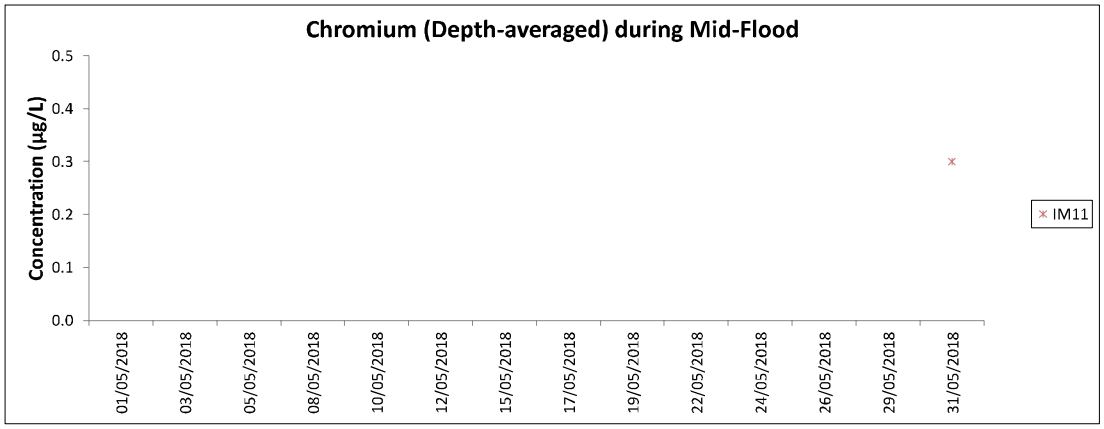




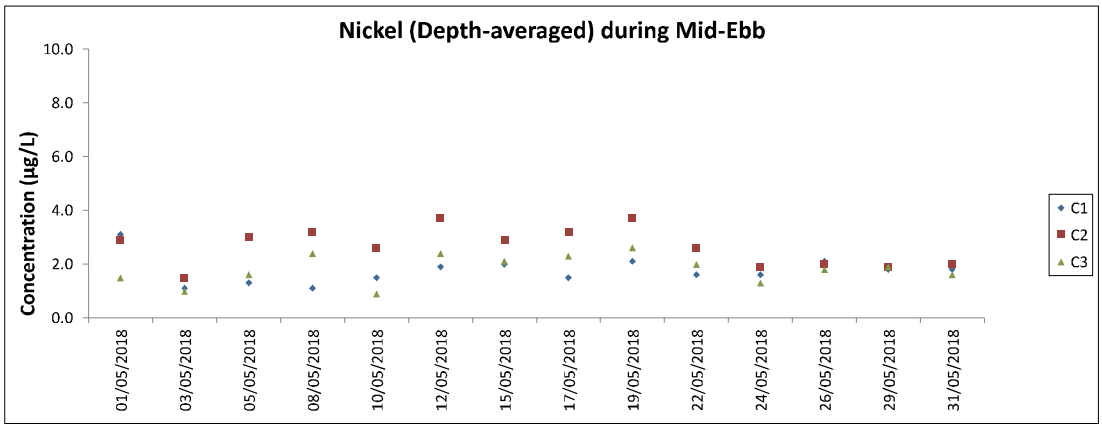


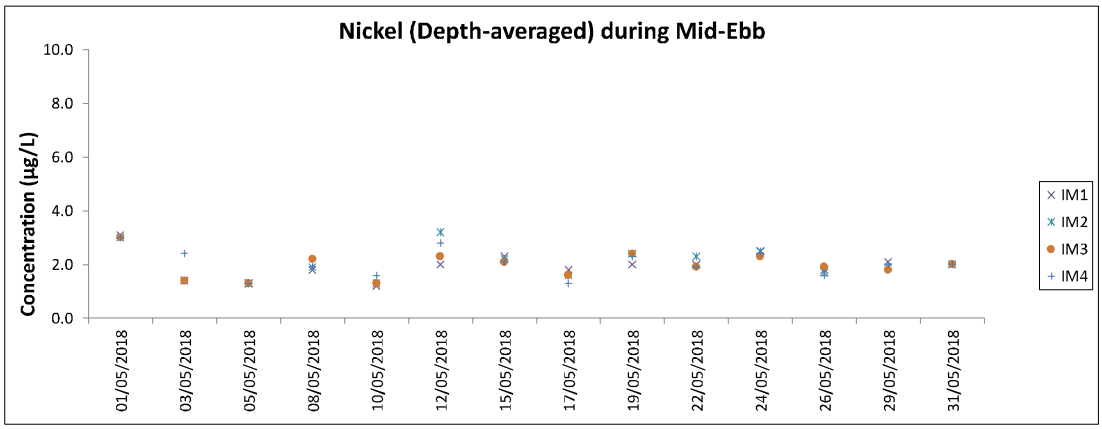


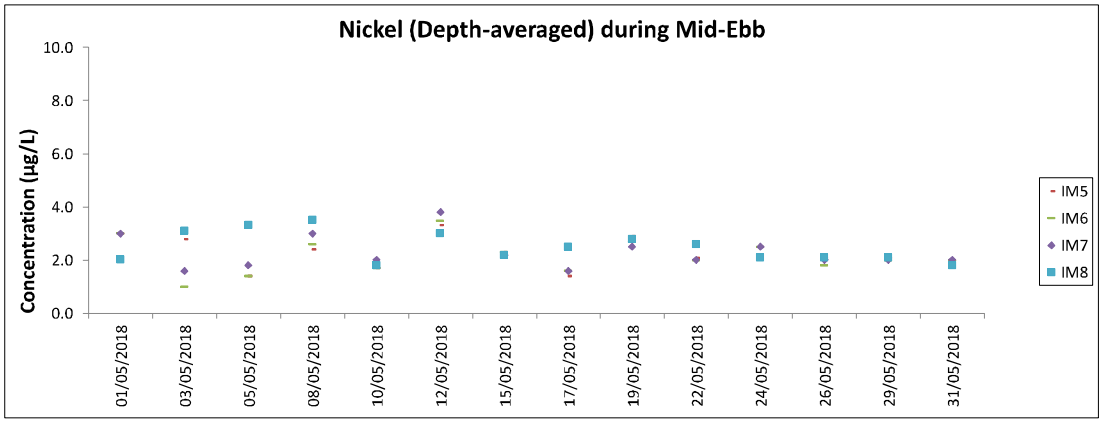
Note: The Action and Limit Level of total alkalinity can be referred to Table 4.2 of the monthly EM&A report.

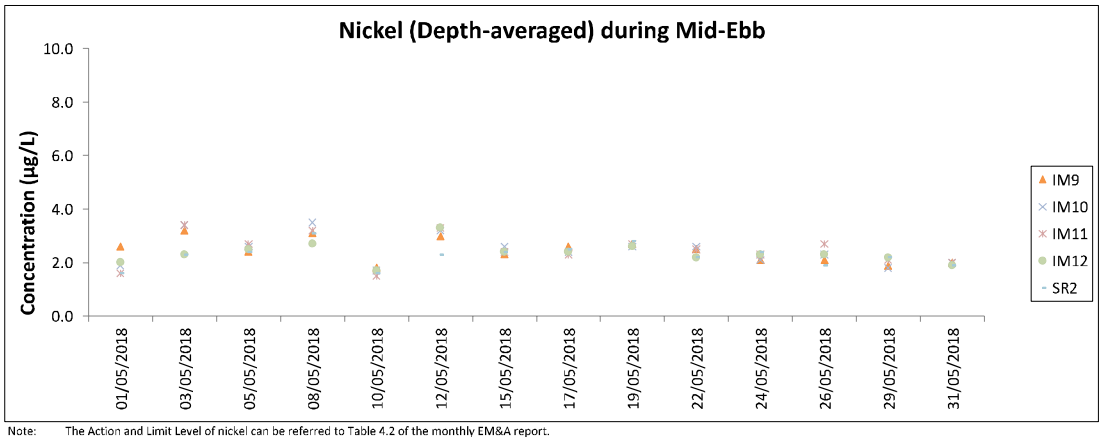


All chromium results at ebb tide and other chromium results at flood tide of the reporting period were below the reporting limit 0.2 µg/L.

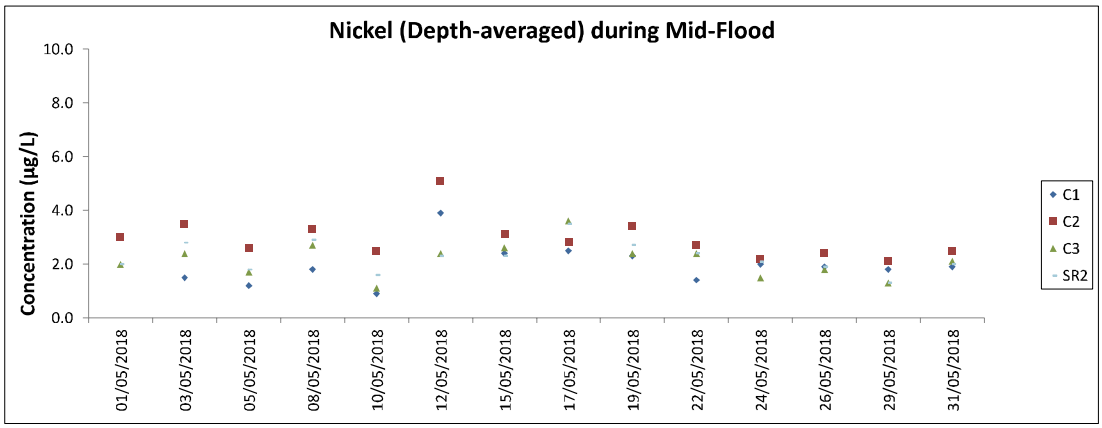


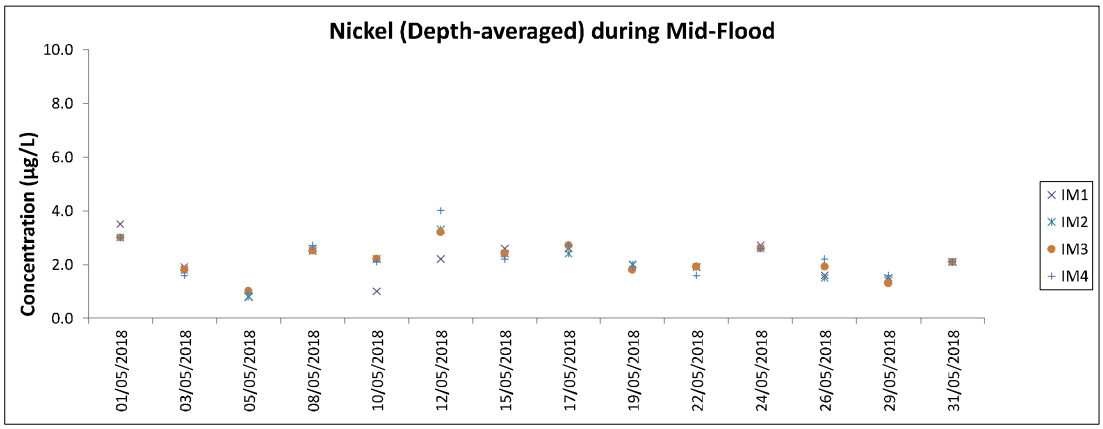


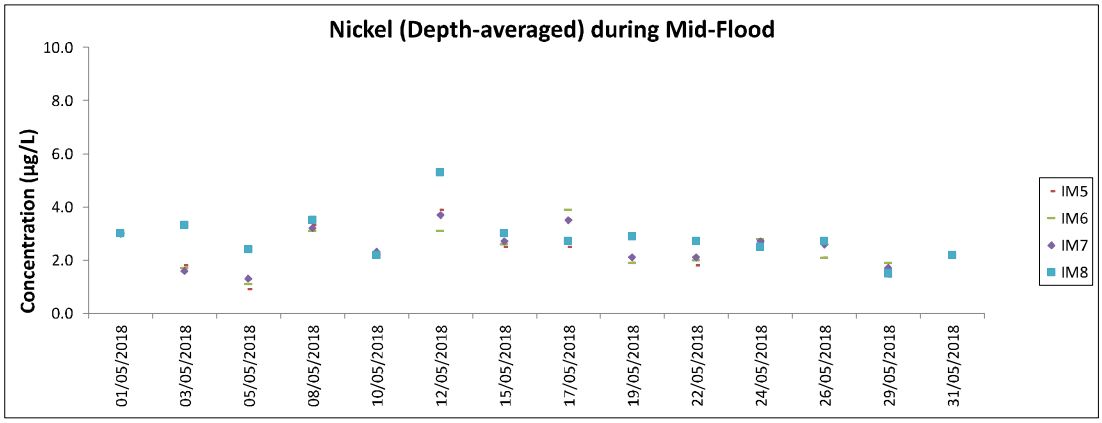


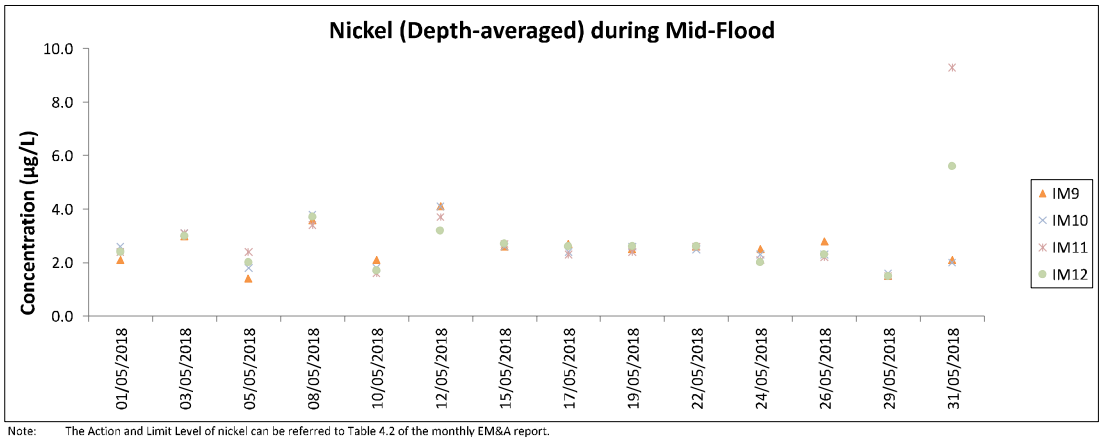


Note: The Action and Limit Level of nickel can be referred to Table 4.2 of the monthly EM&A report.









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

Chinese White Dolphin Monitoring Results

CWD Small Vessel Line-transect Survey Survey Effort Data

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE
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
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

DATE	AREA	BEAU	KM SEARCHED	SEASON	VESSEL	TYPE
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
03-May-18	NWL	2	38.810	SPRING	32166	3RS ET
03-May-18	NWL	3	34.290	SPRING	32166	3RS ET
03-May-18	NWL	4	2.300	SPRING	32166	3RS ET
08-May-18	NWL	2	56.994	SPRING	32166	3RS ET
08-May-18	NWL	3	18.306	SPRING	32166	3RS ET
09-May-18	AW	3	0.851	SPRING	32166	3RS ET
09-May-18	AW	4	3.879	SPRING	32166	3RS ET
09-May-18	WL	2	4.840	SPRING	32166	3RS ET
09-May-18	WL	3	4.940	SPRING	32166	3RS ET
09-May-18	WL	4	14.440	SPRING	32166	3RS ET
09-May-18	WL	5	7.080	SPRING	32166	3RS ET
14-May-18	SWL	2	30.850	SPRING	32166	3RS ET
14-May-18	SWL	3	38.892	SPRING	32166	3RS ET
14-May-18	SWL	4	1.550	SPRING	32166	3RS ET
16-May-18	AW	2	1.060	SPRING	32166	3RS ET
16-May-18	AW	3	3.640	SPRING	32166	3RS ET
16-May-18	WL	2	2.390	SPRING	32166	3RS ET
16-May-18	WL	3	21.580	SPRING	32166	3RS ET
16-May-18	WL	4	7.180	SPRING	32166	3RS ET
23-May-18	SWL	2	37.660	SPRING	32166	3RS ET
23-May-18	SWL	3	32.490	SPRING	32166	3RS ET
24-May-18	NEL	2	31.200	SPRING	32166	3RS ET
24-May-18	NEL	3	15.800	SPRING	32166	3RS ET
25-May-18	NEL	2	27.700	SPRING	32166	3RS ET
25-May-18	NEL	3	18.900	SPRING	32166	3RS ET
25-May-18	NEL	4	1.000	SPRING	32166	3RS ET

Notes:

CWD monitoring survey data of the two preceding survey months (i.e. March and April 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.
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
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 SEINER
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

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.
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 SEINER
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
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
03-May-18	1	1131	CWD	2	NWL	3	35	ON	3RS ET	22.3558	113.8781	SPRING	NONE
14-May-18	1	1057	CWD	2	SWL	2	151	ON	3RS ET	22.1972	113.8588	SPRING	NONE
14-May-18	2	1115	CWD	5	SWL	2	121	ON	3RS ET	22.1994	113.8690	SPRING	NONE
14-May-18	3	1139	CWD	1	SWL	2	4	ON	3RS ET	22.1953	113.8689	SPRING	NONE
14-May-18	4	1250	CWD	1	SWL	3	191	ON	3RS ET	22.1881	113.8882	SPRING	NONE
14-May-18	5	1537	FP	6	SWL	3	21	ON	3RS ET	22.1652	113.9273	SPRING	NONE
14-May-18	6	1602	FP	3	SWL	3	116	ON	3RS ET	22.1439	113.9274	SPRING	NONE
14-May-18	7	1610	FP	1	SWL	3	16	ON	3RS ET	22.1462	113.9327	SPRING	NONE
14-May-18	8	1622	FP	3	SWL	3	509	ON	3RS ET	22.1633	113.9366	SPRING	NONE
16-May-18	1	1036	CWD	1	WL	3	225	ON	3RS ET	22.2655	113.8581	SPRING	NONE
16-May-18	2	1059	CWD	2	WL	3	122	ON	3RS ET	22.2573	113.8370	SPRING	NONE
23-May-18	1	1039	FP	2	SWL	3	15	ON	3RS ET	22.1684	113.9365	SPRING	NONE
23-May-18	2	1046	FP	2	SWL	3	37	ON	3RS ET	22.1651	113.9361	SPRING	NONE

DATE	STG #	TIME	CWD/FP	GP SZ	AREA	BEAU	PSD	EFFORT	TYPE	DEC LAT	DEC LON	SEASON	BOAT ASSOC.
23-May-18	3	1110	FP	3	SWL	3	182	ON	3RS ET	22.1618	113.9279	SPRING	NONE
23-May-18	4	1138	CWD	5	SWL	2	1155	ON	3RS ET	22.1989	113.9180	SPRING	NONE
23-May-18	5	1238	FP	4	SWL	3	17	ON	3RS ET	22.1411	113.9136	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. March and April 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 May 2018 encounter rates STG and ANI in the whole survey area (NEL, NWL, AW, WL, SWL):

A total of 421.193 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 8 on-effort sightings and total number of 19 dolphins from on-effort sightings were collected under such condition. Calculation of the encounter rates in May 2018 are shown as below:

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

$$STG = \frac{8}{421.193}\ x\ 100 = 1.90$$

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

$$ANI = \frac{19}{421.193}\ x\ 100 = 4.51$$

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

A total of 1280.826 km of survey effort was collected under Beaufort Sea State 3 or below with favourable visibility; total no. of 39 on-effort sightings and total number of 112 dolphins from on-effort sightings were collected under such condition. Calculation of the running quarterly encounter rates are shown as below:

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

$$STG = \frac{39}{1280.826}\ x\ 100 = 3.04$$

Running Quarterly Encounter Rate by Number of Dolphins (ANI)

$$ANI = \frac{112}{1280.826}\ x\ 100 = 8.74$$

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

NLMM004_20180503_1_27

NLMM013_20180503_1_10

SLMM065_20180514_2_14

WLMM115_20180516_1_15

WLMM054_20180523_4_11

WLMM076_20180523_4_6

WLMM078_20180523_4_10

CWD Land-based Theodolite Tracking Survey

CWD Groups by Survey Date

Date	Station	Start Time	End Time	Duration	Beaufort Range	Visibility	No. of Focal Follow Dolphin Groups Tracked	Dolphin Group Size Range
3/May/18	Lung Kwu Chau	9:20	15:20	6:00	2-3	3	1	2
14/May/18	Sha Chau	8:50	14:50	6:00	2-3	2	0	N/A
17/May/18	Sha Chau	8:45	14:45	6:00	2-3	2	0	N/A
28/May/18	Lung Kwu Chau	8:54	14:54	6:00	2-3	2-3	7	1-3
29/May/18	Lung Kwu Chau	8:50	14:50	6:00	2	2	4	1-4

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