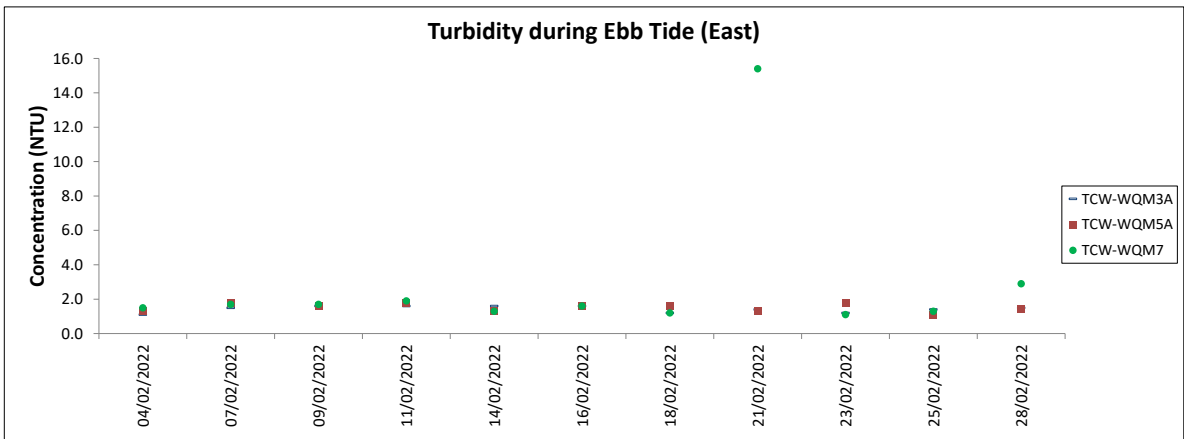
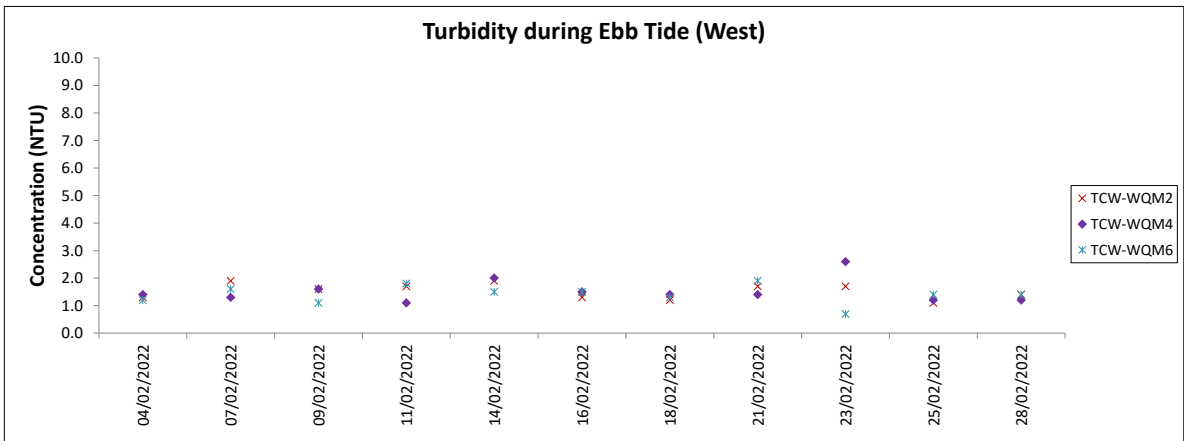
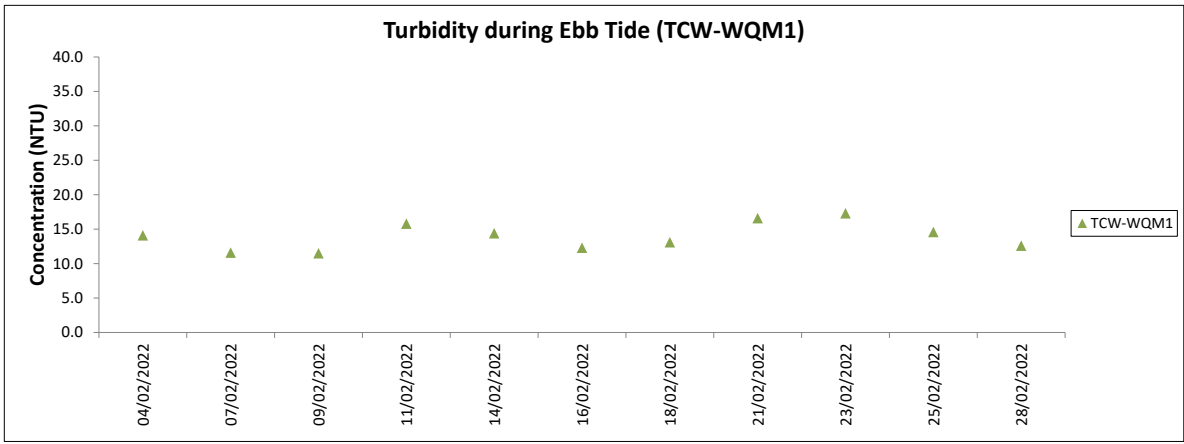
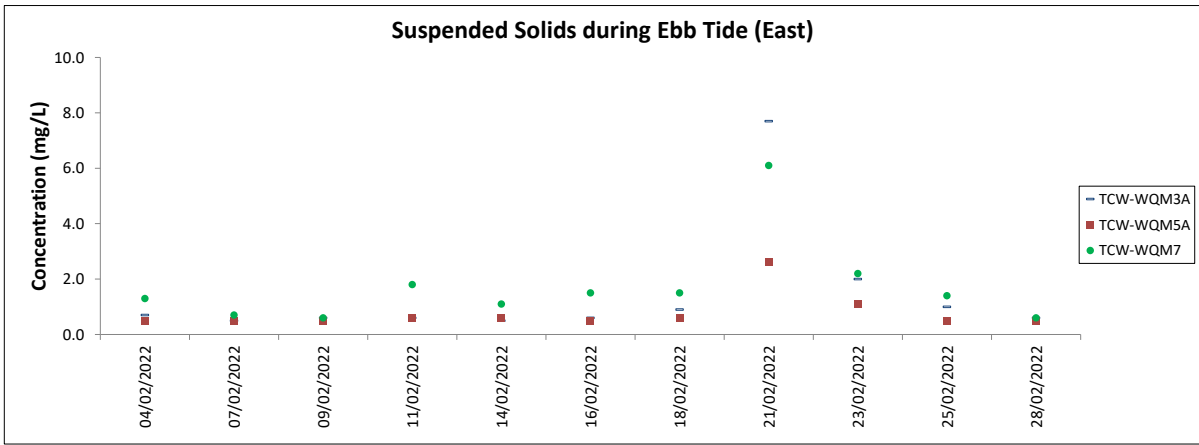
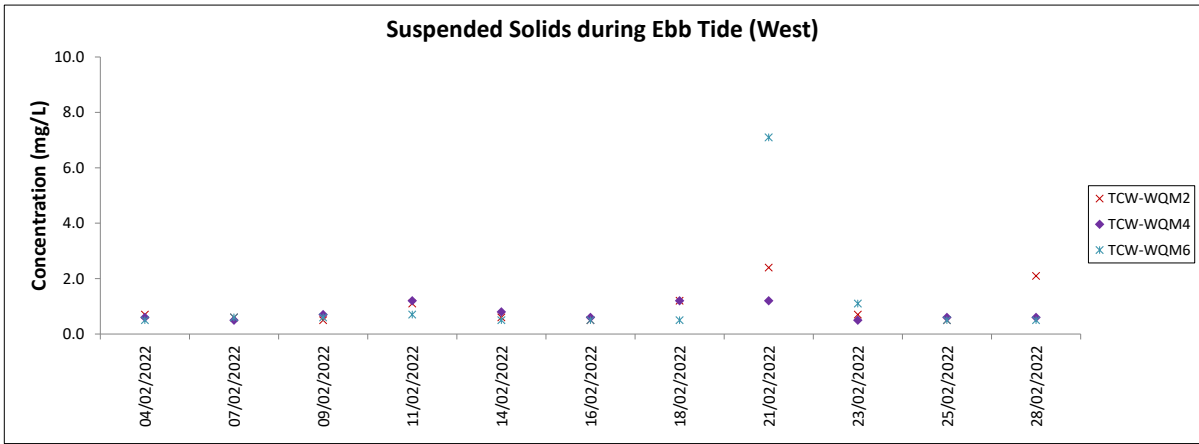
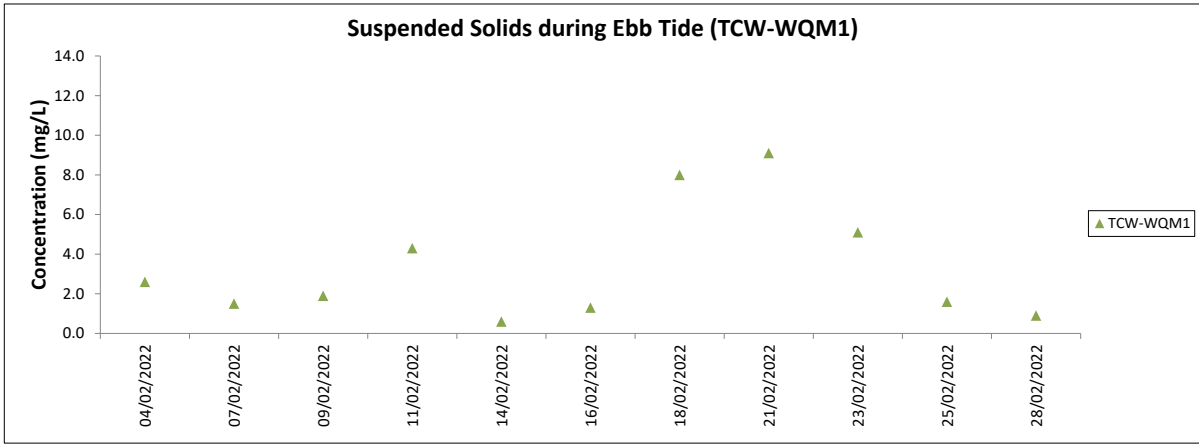


Note: The Action and Limit Level of dissolved oxygen can be referred to Table 4.3 of the monthly EM&A report. Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report. Weather conditions during monitoring are presented in the data tables above. QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.



Note: The Action and Limit Level of turbidity can be referred to Table 4.3 of the monthly EM&A report.  
 Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.  
 Weather conditions during monitoring are presented in the data tables above.  
 QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.



Note: The Action and Limit Level of suspended solids can be referred to Table 4.3 of the monthly EM&A report.  
 Major site activities carried out during the reporting period are summarized in Section 1.4 of the monthly EM&A report.  
 Weather conditions during monitoring are presented in the data tables above.  
 QA/ QC requirements as stipulated in the EM&A Manual were carried out during measurement.

**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 04 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	14:26	1st	20.5	20.5	8.3	8.3	24.46	24.45	38600	38550	115.4	115.8	9.0	9.1	14.0	14.1	2.7	2.6
				2nd	20.5		8.3		24.44		38500		116.1		9.1		14.2		2.5	
TCW-WQM2	Sunny	NA	12:50	1st	17.7	17.7	6.8	6.8	0.01	0.01	33	33	67.6	70.0	6.4	6.7	1.2	1.3	0.8	0.7
				2nd	17.7		6.8		0.01		33		72.3		6.9		1.3		0.6	
TCW-WQM3A	Cloudy	NA	12:06	1st	17.5	17.5	6.9	6.9	0.04	0.04	83	83	73.9	73.1	7.1	7.0	1.1	1.1	0.7	0.7
				2nd	17.6		6.9		0.04		83		72.3		6.9		1.1		0.6	
TCW-WQM4	Cloudy	NA	10:43	1st	16.2	16.2	6.2	6.2	0.02	0.02	38	38	57.0	55.4	5.6	5.5	1.3	1.4	0.6	0.6
				2nd	16.2		6.2		0.02		38		53.8		5.3		1.5		0.6	
TCW-WQM5A	Cloudy	NA	11:29	1st	17.0	17.0	6.9	6.9	0.02	0.02	38	38	93.3	93.3	9.0	9.0	1.4	1.3	<0.5	<0.5
				2nd	17.0		6.9		0.02		38		93.3		9.0		1.1		<0.5	
TCW-WQM6	Sunny	NA	13:19	1st	18.4	18.4	6.7	6.7	0.02	0.02	56	56	66.4	66.0	6.2	6.2	1.1	1.2	<0.5	<0.5
				2nd	18.4		6.7		0.02		55		65.6		6.2		1.3		<0.5	
TCW-WQM7	Sunny	NA	13:49	1st	23.5	23.5	9.2	9.2	0.12	0.12	244	244	77.3	76.9	6.6	6.6	1.3	1.5	1.4	1.3
				2nd	23.5		9.2		0.12		244		76.4		6.5		1.6		1.2	

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

NA: This monitoring location is not subject to tidal effect.

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

**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 07 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Rough	07:20	1st	19.0	19.0	7.3	7.3	18.46	18.66	29900	30200	58.5	57.9	4.9	4.8	11.8	11.6	1.1	1.5
				2nd	19.0		7.3		18.85		30500		57.2		4.7		11.3		1.9	
TCW-WQM2	Cloudy	NA	09:32	1st	18.2	18.2	6.4	6.4	0.01	0.01	34	34	57.4	60.1	5.4	5.7	1.9	1.9	0.6	0.6
				2nd	18.3		6.4		0.01		34		62.8		5.9		1.9		0.5	
TCW-WQM3A	Cloudy	NA	10:05	1st	19.5	19.5	6.9	6.9	0.05	0.05	103	103	55.8	57.1	5.1	5.3	1.5	1.5	0.5	0.5
				2nd	19.5		6.9		0.05		103		58.3		5.4		1.5		0.5	
TCW-WQM4	Cloudy	NA	10:40	1st	17.7	17.7	6.2	6.2	0.02	0.02	40	40	51.5	51.9	4.9	5.0	1.2	1.3	<0.5	<0.5
				2nd	17.7		6.2		0.02		40		52.2		5.0		1.4		<0.5	
TCW-WQM5A	Cloudy	NA	11:14	1st	20.3	20.3	7.4	7.4	0.02	0.02	37	37	91.2	93.0	8.3	8.5	1.8	1.8	<0.5	<0.5
				2nd	20.3		7.4		0.02		37		94.8		8.6		1.8		<0.5	
TCW-WQM6	Cloudy	NA	08:28	1st	18.9	18.9	6.6	6.6	0.02	0.02	53	53	58.5	58.2	5.4	5.4	1.6	1.6	0.5	0.6
				2nd	18.9		6.6		0.02		53		57.9		5.4		1.6		0.6	
TCW-WQM7	Cloudy	NA	08:56	1st	19.0	19.0	7.9	7.9	0.05	0.05	116	116	79.0	79.0	7.3	7.3	1.6	1.7	0.6	0.7
				2nd	19.0		7.9		0.05		116		79.0		7.3		1.7		0.8	

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

NA: This monitoring location is not subject to tidal effect.

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

**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 09 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Rough	07:12	1st	19.3	19.3	7.2	7.2	24.36	24.31	38500	38400	32.4	32.9	2.6	2.7	11.3	11.5	2.1	1.9
				2nd	19.3		7.2		24.26		38300		33.3		2.7		11.6		1.6	
TCW-WQM2	Cloudy	NA	09:04	1st	18.2	18.2	6.4	6.4	0.02	0.02	37	37	54.0	54.1	5.1	5.1	1.5	1.6	0.5	0.5
				2nd	18.2		6.4		0.02		37		54.1		5.1		1.6		0.5	
TCW-WQM3A	Cloudy	NA	09:43	1st	18.4	18.4	6.9	6.9	0.03	0.03	73	73	55.0	55.1	5.2	5.2	1.5	1.6	0.6	0.6
				2nd	18.4		6.9		0.03		73		55.2		5.2		1.6		0.5	
TCW-WQM4	Cloudy	NA	10:18	1st	17.6	17.6	6.3	6.3	0.02	0.02	39	39	37.2	37.3	3.5	3.6	1.6	1.6	0.7	0.7
				2nd	17.6		6.3		0.02		38		37.3		3.6		1.6		0.6	
TCW-WQM5A	Cloudy	NA	10:48	1st	18.1	18.1	7.2	7.2	0.02	0.02	38	38	87.5	87.4	8.3	8.3	1.4	1.6	<0.5	<0.5
				2nd	18.1		7.2		0.02		38		87.2		8.2		1.7		<0.5	
TCW-WQM6	Cloudy	NA	07:58	1st	18.7	18.7	6.8	6.8	0.02	0.02	50	50	52.9	53.4	4.9	5.0	1.1	1.1	0.5	0.6
				2nd	18.7		6.8		0.02		50		53.9		5.0		1.1		0.6	
TCW-WQM7	Cloudy	NA	08:31	1st	18.1	18.1	7.5	7.5	0.04	0.04	86	86	78.7	80.2	7.4	7.6	1.7	1.7	0.6	0.6
				2nd	18.1		7.5		0.04		86		81.6		7.7		1.6		0.6	

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

NA: This monitoring location is not subject to tidal effect.

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

**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 11 February 2022 during Flood Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	13:46	1st	24.5	24.5	8.8	8.8	27.30	27.32	42500	42500	122.1	122.4	8.7	8.8	15.9	15.8	4.6	4.3
				2nd	24.5		8.8		27.33		42500		122.7		8.8		15.6		4.0	
TCW-WQM2	Sunny	NA	12:27	1st	21.0	21.0	7.1	7.1	0.01	0.01	33	33	78.9	78.7	7.0	7.0	1.7	1.7	1.1	1.1
				2nd	21.0		7.1		0.01		33		78.5		7.0		1.7		1.1	
TCW-WQM3A	Sunny	NA	12:02	1st	21.0	21.0	6.8	6.8	0.03	0.03	76	76	65.0	64.7	5.8	5.8	1.5	1.6	0.6	0.6
				2nd	21.0		6.8		0.03		76		64.3		5.7		1.7		0.6	
TCW-WQM4	Sunny	NA	11:17	1st	18.5	18.5	6.2	6.2	0.02	0.02	40	40	51.5	51.5	4.8	4.8	1.1	1.1	1.2	1.2
				2nd	18.5		6.2		0.02		40		51.5		4.8		1.1		1.2	
TCW-WQM5A	Sunny	NA	11:44	1st	21.1	21.1	7.4	7.4	0.02	0.02	38	38	97.6	97.8	8.7	8.7	1.6	1.8	0.5	0.6
				2nd	21.1		7.4		0.02		38		97.9		8.7		1.9		0.6	
TCW-WQM6	Sunny	NA	12:46	1st	21.2	21.2	6.7	6.7	0.02	0.02	50	50	59.2	58.6	5.3	5.2	1.6	1.8	0.6	0.7
				2nd	21.2		6.7		0.02		49		57.9		5.1		1.9		0.7	
TCW-WQM7	Sunny	NA	13:05	1st	27.9	27.9	9.6	9.6	0.04	0.04	81	81	106.1	106.1	8.3	8.3	1.8	1.9	2.0	1.8
				2nd	27.9		9.6		0.04		81		106.0		8.3		2.0		1.6	

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

NA: This monitoring location is not subject to tidal effect.

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

Ebb tide of today was at night time. For the sake of safety and ensure effective observation during monitoring, the monitoring was switched to afternoon time during flood tide.

**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 14 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	12:11	1st	21.6	21.6	7.6	7.6	21.49	21.49	34300	34300	134.9	136.2	10.5	10.6	14.4	14.4	0.6	0.6
				2nd	21.7		7.6		21.49		34300		137.5		10.7		14.4		0.6	
TCW-WQM2	Sunny	NA	10:10	1st	18.1	18.1	6.8	6.8	0.02	0.02	36	36	59.1	58.8	5.6	5.6	1.8	1.9	0.6	0.6
				2nd	18.1		6.8		0.02		36		58.4		5.5		2.0		0.6	
TCW-WQM3A	Cloudy	NA	09:35	1st	18.4	18.4	6.7	6.7	0.04	0.04	91	91	63.0	61.8	5.9	5.8	1.6	1.6	<0.5	<0.5
				2nd	18.4		6.7		0.04		91		60.6		5.7		1.6		<0.5	
TCW-WQM4	Cloudy	NA	08:35	1st	17.7	17.7	6.3	6.3	0.02	0.02	42	42	46.6	46.5	4.4	4.4	1.8	2.0	0.8	0.8
				2nd	17.8		6.3		0.02		42		46.3		4.4		2.1		0.8	
TCW-WQM5A	Cloudy	NA	08:59	1st	17.9	17.9	7.2	7.2	0.02	0.02	40	40	90.7	90.7	8.6	8.6	1.3	1.3	0.6	0.6
				2nd	17.9		7.2		0.02		40		90.7		8.6		1.2		0.5	
TCW-WQM6	Sunny	NA	10:47	1st	19.2	19.2	6.8	6.8	0.02	0.02	52	52	65.0	64.6	6.0	6.0	1.5	1.5	<0.5	<0.5
				2nd	19.2		6.8		0.02		52		64.1		5.9		1.5		<0.5	
TCW-WQM7	Sunny	NA	11:15	1st	22.5	22.5	9.2	9.2	0.04	0.04	79	79	82.2	82.5	7.1	7.2	1.3	1.3	1.0	1.1
				2nd	22.5		9.2		0.04		79		82.7		7.2		1.2		1.1	

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

NA: This monitoring location is not subject to tidal effect.

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



**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 16 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	13:01	1st	21.9	21.9	8.4	8.3	25.18	25.18	39600	39600	110.5	112.0	8.4	8.5	12.1	12.3	1.2	1.3
				2nd	21.9		8.3		25.17		39600		113.5		8.6		12.5		1.3	
TCW-WQM2	Sunny	NA	11:02	1st	18.6	18.6	6.6	6.6	0.01	0.01	34	34	57.5	57.5	5.4	5.4	1.3	1.3	<0.5	<0.5
				2nd	18.6		6.6		0.01		34		57.4		5.4		1.2		<0.5	
TCW-WQM3A	Sunny	NA	10:22	1st	19.2	19.2	7.0	7.0	0.03	0.03	71	71	61.3	61.0	5.7	5.7	1.5	1.6	<0.5	0.6
				2nd	19.2		7.0		0.03		71		60.6		5.6		1.7		0.6	
TCW-WQM4	Sunny	NA	09:04	1st	18.1	18.1	6.3	6.3	0.02	0.02	51	51	42.1	42.1	4.0	4.0	1.5	1.5	0.7	0.6
				2nd	18.1		6.3		0.02		51		42.0		4.0		1.5		<0.5	
TCW-WQM5A	Sunny	NA	09:36	1st	18.1	18.1	7.3	7.3	0.02	0.02	40	40	91.0	92.4	8.6	8.8	1.5	1.6	<0.5	<0.5
				2nd	18.1		7.3		0.02		40		93.7		8.9		1.6		<0.5	
TCW-WQM6	Sunny	NA	11:43	1st	19.5	19.5	6.7	6.7	0.03	0.03	56	56	64.4	64.3	5.9	5.9	1.5	1.5	<0.5	<0.5
				2nd	19.5		6.7		0.03		56		64.1		5.9		1.5		<0.5	
TCW-WQM7	Sunny	NA	12:19	1st	23.0	23.0	9.4	9.4	0.09	0.09	197	198	81.3	80.1	7.0	6.9	1.5	1.6	1.5	1.5
				2nd	23.0		9.4		0.09		198		78.8		6.8		1.7		1.5	

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

NA: This monitoring location is not subject to tidal effect.

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

**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 18 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	13:25	1st	20.6	20.6	8.3	8.3	24.97	24.98	39300	39300	104.9	105.1	8.1	8.2	12.7	13.1	10.3	<u>8.0</u>
				2nd	20.6		8.3		24.98		39300		105.3		8.2		13.4		5.7	
TCW-WQM2	Sunny	NA	11:00	1st	18.8	18.8	6.6	6.6	0.02	0.02	35	35	65.2	65.0	6.1	6.1	1.2	1.2	1.1	1.2
				2nd	18.8		6.6		0.02		35		64.8		6.0		1.2		1.2	
TCW-WQM3A	Cloudy	NA	10:11	1st	19.0	19.0	7.0	7.0	0.03	0.03	71	71	59.8	60.2	5.6	5.6	1.2	1.2	0.8	0.9
				2nd	19.0		7.0		0.03		71		60.5		5.6		1.1		0.9	
TCW-WQM4	Cloudy	NA	09:02	1st	18.4	18.4	6.3	6.3	0.02	0.02	48	48	38.5	38.4	3.6	3.6	1.5	1.4	1.2	1.2
				2nd	18.4		6.3		0.02		48		38.3		3.6		1.3		1.1	
TCW-WQM5A	Cloudy	NA	09:30	1st	18.6	18.6	7.2	7.2	0.02	0.02	40	40	84.0	83.9	7.9	7.9	1.5	1.6	<0.5	0.6
				2nd	18.6		7.2		0.02		40		83.8		7.8		1.6		0.6	
TCW-WQM6	Sunny	NA	11:44	1st	20.4	20.4	6.7	6.7	0.03	0.03	65	65	70.6	72.0	6.4	6.5	1.3	1.3	0.5	0.5
				2nd	20.4		6.7		0.03		65		73.3		6.6		1.2		<0.5	
TCW-WQM7	Sunny	NA	12:20	1st	25.3	25.3	9.4	9.4	0.15	0.15	324	324	75.1	76.5	6.2	6.3	1.2	1.2	1.4	1.5
				2nd	25.3		9.4		0.15		324		77.8		6.4		1.2		1.6	

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

NA: This monitoring location is not subject to tidal effect.

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

**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 21 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Rainy	Rough	14:27	1st	17.1	17.1	8.1	8.1	28.02	28.03	43800	43800	70.2	70.3	5.7	5.7	16.8	16.6	9.4	<u>9.1</u>
				2nd	17.1		8.1		28.04		43800		70.4		5.7		16.4		8.8	
TCW-WQM2	Rainy	NA	12:39	1st	15.5	15.5	6.8	6.8	0.03	0.03	61	61	76.8	77.2	7.7	7.7	1.6	1.7	2.4	2.4
				2nd	15.6		6.8		0.03		61		77.5		7.7		1.7		2.4	
TCW-WQM3A	Rainy	NA	12:12	1st	15.2	15.2	7.0	7.0	0.03	0.03	67	67	84.4	84.5	8.5	8.5	1.4	1.4	7.9	<u>7.7</u>
				2nd	15.2		7.0		0.03		66		84.6		8.5		1.4		7.4	
TCW-WQM4	Rainy	NA	11:03	1st	14.9	14.9	6.6	6.6	0.02	0.02	54	54	68.3	68.1	6.9	6.9	1.3	1.4	1.1	1.2
				2nd	14.9		6.6		0.02		54		67.8		6.9		1.5		1.2	
TCW-WQM5A	Rainy	NA	11:25	1st	14.8	14.8	6.8	6.8	0.01	0.01	31	31	89.5	89.8	9.1	9.1	1.2	1.3	2.7	2.6
				2nd	14.8		6.8		0.01		31		90.1		9.1		1.3		2.4	
TCW-WQM6	Rainy	NA	13:11	1st	15.4	15.4	6.6	6.6	0.02	0.02	45	45	90.9	90.8	9.1	9.1	1.9	1.9	6.8	<u>7.1</u>
				2nd	15.4		6.6		0.02		45		90.6		9.1		1.8		7.3	
TCW-WQM7	Rainy	NA	13:56	1st	15.6	15.5	6.9	6.9	0.13	0.13	272	275	103.1	103.2	10.3	10.3	14.6	<u>15.4</u>	6.1	6.1
				2nd	15.5		6.9		0.13		277		103.2		10.3		16.2		6.0	

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

NA: This monitoring location is not subject to tidal effect.

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

**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 23 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Cloudy	Rough	07:16	1st	15.7	15.7	7.0	7.0	0.27	0.27	553	553	86.7	86.7	8.6	8.6	17.2	17.3	5.5	5.1
				2nd	15.7		7.0		0.27		553		86.7		8.6		17.3		4.6	
TCW-WQM2	Cloudy	NA	09:29	1st	15.4	15.4	6.9	6.9	0.02	0.02	39	38	83.5	83.9	8.4	8.4	1.7	1.7	0.5	0.7
				2nd	15.4		6.8		0.02		37		84.3		8.4		1.6		0.8	
TCW-WQM3A	Cloudy	NA	10:28	1st	15.9	15.9	6.8	6.8	0.03	0.03	57	57	80.4	80.2	8.0	8.0	1.1	1.2	2.1	2.0
				2nd	15.9		6.8		0.03		57		79.9		7.9		1.2		1.8	
TCW-WQM4	Cloudy	NA	11:16	1st	15.8	15.8	6.2	6.2	0.02	0.02	37	37	70.5	76.3	7.0	7.6	2.8	2.6	<0.5	<0.5
				2nd	15.8		6.2		0.02		37		82.1		8.1		2.4		<0.5	
TCW-WQM5A	Cloudy	NA	11:40	1st	15.5	15.5	6.5	6.5	0.01	0.01	30	30	83.0	82.9	8.3	8.3	1.8	1.8	0.9	1.1
				2nd	15.6		6.5		0.01		30		82.8		8.2		1.7		1.3	
TCW-WQM6	Cloudy	NA	08:06	1st	15.8	15.8	6.7	6.7	0.02	0.02	41	41	67.5	67.7	6.7	6.7	0.7	0.7	1.1	1.1
				2nd	15.8		6.7		0.02		41		67.8		6.7		0.7		1.1	
TCW-WQM7	Cloudy	NA	08:45	1st	16.1	16.1	7.1	7.1	0.05	0.05	113	112	92.6	92.9	9.1	9.2	1.1	1.1	2.2	2.2
				2nd	16.1		7.1		0.05		110		93.1		9.2		1.1		2.2	

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

NA: This monitoring location is not subject to tidal effect.

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**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 25 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	16:00	1st	19.8	19.8	8.3	8.3	27.39	27.38	42700	42700	95.1	95.5	7.4	7.4	15.2	14.6	1.3	1.6
				2nd	19.8		8.3		27.37		42700		95.8		7.4		13.9		1.9	
TCW-WQM2	Sunny	NA	14:01	1st	18.4	18.4	6.6	6.6	0.02	0.02	42	42	64.4	65.8	6.0	6.2	1.1	1.1	<0.5	<0.5
				2nd	18.5		6.6		0.02		42		67.1		6.3		1.1		<0.5	
TCW-WQM3A	Sunny	NA	13:18	1st	18.1	18.1	7.0	7.0	0.03	0.03	72	72	68.5	68.1	6.5	6.5	1.4	1.4	1.1	1.0
				2nd	18.1		7.0		0.03		72		67.7		6.4		1.4		0.9	
TCW-WQM4	Sunny	NA	11:58	1st	16.0	16.0	6.2	6.2	0.02	0.02	39	40	64.3	65.0	6.4	6.5	1.1	1.2	0.6	0.6
				2nd	16.0		6.2		0.02		40		65.6		6.5		1.2		<0.5	
TCW-WQM5A	Sunny	NA	12:32	1st	17.5	17.5	6.9	6.9	0.01	0.01	34	34	96.3	96.3	9.2	9.2	1.1	1.1	<0.5	<0.5
				2nd	17.5		6.9		0.01		34		96.2		9.2		1.1		<0.5	
TCW-WQM6	Sunny	NA	14:40	1st	18.6	18.6	6.5	6.5	0.02	0.02	47	47	80.8	78.9	7.6	7.4	1.4	1.4	<0.5	<0.5
				2nd	18.6		6.5		0.02		47		77.0		7.2		1.4		<0.5	
TCW-WQM7	Sunny	NA	15:11	1st	22.2	22.2	7.6	7.6	0.05	0.05	108	109	66.6	67.9	5.8	5.9	1.4	1.3	1.3	1.4
				2nd	22.2		7.6		0.05		109		69.2		6.0		1.2		1.5	

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NA: This monitoring location is not subject to tidal effect.

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**Tung Chung New Town Extension (West)**

**Water Quality Monitoring**

**Water Quality Monitoring Results on 28 February 2022 during Ebb Tide**

Monitoring Station	Weather Condition	Tidal Condition	Sampling Time	Replicate	Water Temperature (°C)		pH		Salinity (ppt)		Conductivity (µS/cm)		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
TCW-WQM1	Sunny	Rough	11:42	1st	22.2	22.2	7.1	7.1	21.57	21.59	34400	34450	70.6	71.1	5.4	5.5	12.5	12.6	0.9	0.9
				2nd	22.2		7.1		21.60		34500		71.5		5.5		12.7		0.9	
TCW-WQM2	Sunny	NA	10:09	1st	18.3	18.3	6.6	6.6	0.02	0.02	37	37	65.1	63.4	6.1	6.0	1.4	1.4	2.0	2.1
				2nd	18.3		6.6		0.02		37		61.6		5.8		1.4		2.1	
TCW-WQM3A	Sunny	NA	09:47	1st	18.9	18.9	6.8	6.8	0.04	0.04	77	77	59.6	60.1	5.5	5.6	1.4	1.5	0.6	0.6
				2nd	18.9		6.8		0.04		77		60.6		5.6		1.6		0.6	
TCW-WQM4	Sunny	NA	08:35	1st	17.5	17.5	6.2	6.2	0.02	0.02	47	47	50.9	50.8	4.9	4.9	1.2	1.2	0.5	0.6
				2nd	17.5		6.2		0.02		47		50.6		4.8		1.2		0.6	
TCW-WQM5A	Sunny	NA	09:26	1st	18.1	18.1	6.9	6.9	0.02	0.02	36	36	92.2	92.2	8.7	8.7	1.3	1.4	<0.5	<0.5
				2nd	18.1		6.9		0.02		36		92.1		8.7		1.4		<0.5	
TCW-WQM6	Sunny	NA	10:33	1st	18.7	18.7	6.5	6.5	0.02	0.02	45	45	74.1	74.6	6.9	7.0	1.3	1.4	<0.5	<0.5
				2nd	18.7		6.5		0.02		45		75.0		7.0		1.4		<0.5	
TCW-WQM7	Sunny	NA	10:49	1st	21.8	21.7	8.4	8.4	0.05	0.05	99	99	76.3	76.1	6.7	6.7	2.9	2.9	0.5	0.6
				2nd	21.7		8.5		0.05		99		75.9		6.7		2.9		0.6	

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