

**Tung Chung New Town Extension (West)**  
**Baseline Water Quality Monitoring**  
**Water Quality Monitoring Results at TCW-WQM1 during Mid-Ebb Tide (Aug-Sep 2021)**

Date	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
9-Aug-21	Cloudy	Moderate	13:41	1st	31.1	31.1	6.5	6.4	11.0	11.5	18600	19350	83.8	82.6	5.9	5.8	3.9	3.8	8.0	6.4
				2nd	31.1		6.3		11.9		20100		81.4		5.7		3.7		4.7	
11-Aug-21	Sunny	Rough	13:00	1st	30.9	30.9	7.0	7.0	22.0	22.2	35100	35300	67.3	66.7	4.4	4.4	6.9	7.2	6.3	6.4
				2nd	30.9		7.0		22.3		35500		66.0		4.4		7.4		6.5	
13-Aug-21	Sunny	Rough	14:00	1st	31.2	31.2	7.2	7.2	22.8	22.5	36100	35800	59.4	60.5	3.9	4.0	13.4	12.8	6.1	5.9
				2nd	31.2		7.2		22.3		35500		61.6		4.0		12.2		5.7	
16-Aug-21	Cloudy	Rough	08:30	1st	29.8	29.8	6.6	6.6	19.7	19.6	31600	31550	31.9	31.2	2.2	2.2	6.3	5.9	2.0	2.1
				2nd	29.8		6.6		19.6		31500		30.5		2.1		5.5		2.2	
18-Aug-21	Sunny	Rough	10:31	1st	31.8	31.9	7.3	7.3	19.7	19.7	31700	31700	65.3	67.8	4.3	4.5	5.0	5.5	2.7	2.6
				2nd	31.9		7.3		19.7		31700		70.2		4.6		5.9		2.5	
20-Aug-21	Sunny	Rough	12:00	1st	31.0	31.1	7.3	7.3	20.7	20.7	33100	33100	55.1	54.7	3.7	3.7	7.1	6.8	3.4	3.2
				2nd	31.1		7.3		20.7		33100		54.2		3.6		6.4		3.0	
23-Aug-21	Sunny	Rough	14:20	1st	31.9	31.9	7.4	7.4	22.1	22.1	35200	35200	60.2	60.4	3.9	3.9	10.0	9.7	4.4	4.6
				2nd	31.9		7.4		22.1		35200		60.6		3.9		9.4		4.8	
25-Aug-21	Cloudy	Rough	15:32	1st	32.7	32.7	7.6	7.6	23.1	23.1	36700	36650	70.2	71.3	4.5	4.6	13.1	13.1	7.2	7.5
				2nd	32.7		7.6		23.1		36600		72.4		4.6		13.0		7.7	
27-Aug-21	Cloudy	Rough	16:19	1st	29.3	29.4	6.8	6.9	19.6	19.6	31500	31550	35.7	35.8	2.5	2.5	10.4	10.3	3.0	3.2
				2nd	29.5		6.9		19.6		31600		35.8		2.5		10.1		3.4	
30-Aug-21	Sunny	Rough	08:29	1st	29.0	29.0	6.8	6.8	22.5	22.5	35700	35750	23.7	24.9	1.6	1.7	13.5	13.4	3.4	3.5
				2nd	29.0		6.8		22.6		35800		26.0		1.8		13.3		3.6	
1-Sep-21	Rainy	Rough	09:38	1st	29.6	29.6	7.2	7.2	21.7	21.7	34600	34600	35.1	36.0	2.4	2.5	9.7	9.9	5.9	5.9
				2nd	29.6		7.2		21.7		34600		36.8		2.5		10.1		5.9	
3-Sep-21	Sunny	Rough	11:48	1st	31.6	31.6	7.5	7.5	24.1	24.1	38000	37950	68.4	70.4	4.4	4.6	11.6	11.5	2.7	2.6
				2nd	31.7		7.5		24.1		37900		72.3		4.7		11.3		2.4	

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

**Tung Chung New Town Extension (West)**  
**Baseline Water Quality Monitoring**  
**Water Quality Monitoring Results at TCW-WQM1 during Mid-Ebb Tide (Oct-Nov 2021)**

Date	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
11-Oct-21	Sunny	Rough	16:50	1st	27.0	27.0	7.1	7.1	0.1	0.1	221	224	83.5	82.7	6.7	6.6	4.8	5.2	1.9	1.8
				2nd	27.0		7.1		0.1		227		81.8		6.5		5.5		1.6	
15-Oct-21	Cloudy	Rough	08:54	1st	27.9	27.9	7.6	7.6	21.6	21.6	34400	34350	49.8	49.1	3.5	3.5	20.9	21.1	1.7	1.9
				2nd	28.0		7.7		21.5		34300		48.4		3.4		21.3		2.1	
18-Oct-21	Sunny	Rough	12:15	1st	27.6	27.7	8.3	8.3	26.4	26.3	41200	41150	51.4	52.6	3.5	3.6	7.0	6.8	3.1	2.9
				2nd	27.8		8.3		26.3		41100		53.7		3.6		6.6		2.6	
20-Oct-21	Sunny	Rough	13:59	1st	29.1	29.2	8.5	8.5	26.3	26.2	41000	40950	81.9	85.4	5.4	5.7	14.8	15.3	4.0	4.2
				2nd	29.3		8.5		26.1		40900		88.8		5.9		15.7		4.3	
22-Oct-21	Cloudy	Rough	14:58	1st	24.7	24.7	7.7	7.8	22.8	22.9	36200	36300	69.1	67.8	5.0	5.0	26.2	25.3	3.5	4.4
				2nd	24.6		7.8		23.0		36400		66.5		4.9		24.3		5.2	
25-Oct-21	Sunny	Rough	16:43	1st	28.1	28.1	8.2	8.2	11.7	11.7	19700	19700	112.8	108.9	8.3	8.0	16.8	16.6	6.2	6.0
				2nd	28.0		8.2		11.7		19700		105.0		7.7		16.4		5.7	
27-Oct-21	Cloudy	Rough	07:57	1st	26.5	26.5	7.9	7.9	27.3	27.4	42500	42550	34.8	34.4	2.4	2.4	7.7	7.5	3.0	3.2
				2nd	26.5		7.9		27.4		42600		33.9		2.3		7.3		3.4	
29-Oct-21	Sunny	Rough	09:03	1st	27.0	27.0	8.0	8.0	27.2	27.2	42300	42300	42.1	41.8	2.9	2.9	5.0	4.7	1.8	2.2
				2nd	27.0		8.0		27.2		42300		41.4		2.8		4.3		2.5	
1-Nov-21	Sunny	Rough	11:22	1st	26.5	26.5	8.1	8.1	26.3	26.3	41100	41100	70.9	70.2	4.9	4.9	12.5	11.8	3.4	3.3
				2nd	26.5		8.1		26.3		41100		69.4		4.8		11.1		3.2	
3-Nov-21	Sunny	Rough	12:46	1st	27.4	27.4	7.9	7.9	41.8	41.9	62100	62150	67.6	70.0	4.2	4.4	19.4	19.2	4.2	3.9
				2nd	27.4		7.9		41.9		62200		72.4		4.5		18.9		3.6	
5-Nov-21	Sunny	Rough	13:10	1st	28.7	28.7	8.0	8.0	40.7	40.8	60700	60700	82.3	79.9	5.1	5.0	22.1	20.1	10.2	10.4
				2nd	28.7		8.0		40.8		60700		77.4		4.8		18.0		10.6	
8-Nov-21	Sunny	Rough	15:42	1st	27.4	27.6	7.7	7.7	24.1	24.3	38000	38250	98.1	98.7	6.8	6.8	38.5	38.3	5.2	5.0
				2nd	27.7		7.8		24.5		38500		99.2		6.8		38.1		4.8	

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

**Tung Chung New Town Extension (West)**  
**Baseline Water Quality Monitoring**  
**Water Quality Monitoring Results at TCW-WQM2 during Mid-Ebb Tide (Aug-Sep 2021)**

Date	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
9-Aug-21	Cloudy	NA	15:55	1st	29.7	29.7	5.4	5.3	0.02	0.02	36	36	73.0	73.3	5.5	5.6	0.4	0.4	1.3	1.0
				2nd	29.7		5.3		0.02		36		73.5		5.6		0.4		0.7	
11-Aug-21	Sunny	NA	12:27	1st	29.7	29.7	5.8	5.7	0.02	0.02	42	42	63.2	64.1	4.8	4.9	1.6	1.5	1.4	1.3
				2nd	29.7		5.6		0.02		41		64.9		4.9		1.4		1.1	
13-Aug-21	Cloudy	NA	12:26	1st	28.4	28.4	6.0	6.0	0.02	0.02	40	40	56.1	54.4	4.4	4.3	3.8	3.5	0.9	1.0
				2nd	28.4		5.9		0.02		39		52.6		4.1		3.2		1.0	
16-Aug-21	Cloudy	NA	09:24	1st	27.8	27.8	5.8	5.7	0.02	0.02	40	40	53.7	53.4	4.2	4.2	0.8	0.8	0.8	0.9
				2nd	27.8		5.7		0.02		40		53.0		4.2		0.8		0.9	
18-Aug-21	Sunny	NA	09:48	1st	28.4	28.4	5.9	5.9	0.02	0.02	39	39	46.3	45.3	3.6	3.5	1.5	1.5	1.4	1.3
				2nd	28.3		5.9		0.02		38		44.2		3.4		1.4		1.1	
20-Aug-21	Sunny	NA	11:24	1st	28.4	28.4	5.7	5.6	0.02	0.02	40	40	41.6	42.0	3.2	3.3	1.6	1.7	0.8	0.8
				2nd	28.4		5.6		0.02		40		42.4		3.3		1.8		0.8	
23-Aug-21	Sunny	NA	13:46	1st	30.8	30.8	6.3	6.3	0.02	0.02	41	41	50.1	50.0	3.7	3.7	1.7	1.7	1.1	1.2
				2nd	30.8		6.3		0.02		41		49.9		3.7		1.7		1.2	
25-Aug-21	Sunny	NA	14:07	1st	31.4	31.4	6.1	6.1	0.02	0.02	36	36	45.9	45.3	3.4	3.4	1.5	1.6	1.1	1.2
				2nd	31.4		6.1		0.02		36		44.6		3.3		1.6		1.3	
27-Aug-21	Cloudy	NA	15:26	1st	27.5	27.5	5.9	5.9	0.02	0.02	42	42	42.7	42.6	3.4	3.4	2.2	2.3	1.9	1.8
				2nd	27.5		5.9		0.02		41		42.4		3.4		2.3		1.7	
30-Aug-21	Sunny	NA	09:39	1st	27.9	27.9	5.8	5.8	0.02	0.02	42	42	49.0	48.3	3.8	3.8	4.3	3.9	2.1	2.2
				2nd	27.9		5.8		0.02		41		47.6		3.7		3.5		2.2	
1-Sep-21	Cloudy	NA	11:03	1st	27.8	27.8	6.0	5.9	0.02	0.02	44	43	57.2	57.0	4.5	4.5	6.8	6.4	4.4	4.2
				2nd	27.7		5.8		0.02		42		56.7		4.5		6.0		4.0	
3-Sep-21	Sunny	NA	11:20	1st	29.1	29.2	6.2	6.2	0.02	0.02	41	41	50.1	50.1	3.9	3.9	3.5	3.4	0.8	0.9
				2nd	29.2		6.1		0.02		41		50.1		3.8		3.3		0.9	

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.

**Tung Chung New Town Extension (West)**  
**Baseline Water Quality Monitoring**  
**Water Quality Monitoring Results at TCW-WQM3A during Mid-Ebb Tide (Aug-Sep 2021)**

Date	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
9-Aug-21	Cloudy	NA	15:19	1st	29.6	29.6	6.1	6.1	0.02	0.02	53	53	85.3	85.5	6.5	6.5	1.7	1.7	1.7	1.3
				2nd	29.6		6.1		0.02		53		85.7		6.5		1.6		0.8	
11-Aug-21	Sunny	NA	12:06	1st	29.7	29.7	6.1	6.1	0.02	0.02	56	56	74.4	74.4	5.7	5.7	1.3	1.2	7.0	6.8
				2nd	29.7		6.1		0.02		56		74.4		5.7		1.0		6.5	
13-Aug-21	Cloudy	NA	12:00	1st	28.1	28.1	6.1	6.1	0.02	0.02	51	51	70.1	69.7	5.5	5.5	2.0	2.1	2.3	2.4
				2nd	28.1		6.1		0.02		51		69.3		5.4		2.2		2.4	
16-Aug-21	Cloudy	NA	09:47	1st	27.6	27.6	5.6	5.6	0.03	0.03	57	57	64.7	64.6	5.1	5.1	1.3	1.4	1.8	1.7
				2nd	27.6		5.6		0.03		57		64.4		5.1		1.5		1.6	
18-Aug-21	Sunny	NA	09:29	1st	28.2	28.2	6.2	6.2	0.02	0.02	56	56	66.0	66.1	5.1	5.2	1.7	1.6	1.1	1.2
				2nd	28.2		6.2		0.02		56		66.1		5.2		1.5		1.2	
20-Aug-21	Sunny	NA	11:00	1st	28.2	28.1	6.2	6.2	0.03	0.03	57	57	68.2	67.4	5.3	5.3	2.1	2.1	1.5	1.7
				2nd	28.1		6.2		0.03		57		66.5		5.2		2.1		1.9	
23-Aug-21	Sunny	NA	13:24	1st	30.3	30.3	6.3	6.3	0.03	0.03	60	60	60.8	59.4	4.6	4.5	2.8	2.8	2.0	2.3
				2nd	30.3		6.3		0.03		60		58.0		4.4		2.8		2.5	
25-Aug-21	Sunny	NA	13:47	1st	30.8	30.8	6.1	6.1	0.03	0.03	57	57	52.0	52.2	3.9	3.9	1.8	1.8	1.7	1.7
				2nd	30.8		6.1		0.03		57		52.3		3.9		1.8		1.6	
27-Aug-21	Cloudy	NA	15:01	1st	27.3	27.3	6.1	6.2	0.03	0.03	60	60	59.6	59.3	4.7	4.7	2.9	2.9	2.1	2.2
				2nd	27.3		6.2		0.03		60		58.9		4.7		2.8		2.3	
30-Aug-21	Sunny	NA	09:56	1st	28.2	28.2	6.3	6.3	0.03	0.03	65	64	53.8	54.0	4.2	4.2	3.4	3.2	1.3	1.4
				2nd	28.2		6.3		0.03		62		54.1		4.2		3.0		1.5	
1-Sep-21	Cloudy	NA	11:23	1st	27.6	27.6	6.1	6.1	0.03	0.03	63	62	59.9	60.1	4.7	4.8	13.6	13.1	10.3	10.6
				2nd	27.5		6.2		0.03		60		60.3		4.8		12.6		10.8	
3-Sep-21	Sunny	NA	10:57	1st	29.0	29.0	6.4	6.4	0.03	0.03	60	60	61.6	61.3	4.7	4.7	4.8	4.4	0.8	0.9
				2nd	29.0		6.4		0.03		59		60.9		4.7		4.0		0.9	

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.

**Tung Chung New Town Extension (West)**  
**Baseline Water Quality Monitoring**  
**Water Quality Monitoring Results at TCW-WQM4 during Mid-Ebb Tide (Aug-Sep 2021)**

Date	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
9-Aug-21	Cloudy	NA	16:52	1st	28.5	28.5	4.0	4.0	0.02	0.02	40	41	30.3	29.5	2.4	2.3	1.3	1.4	<0.5	<0.5
				2nd	28.5		4.1		0.02		41		28.6		2.2		1.5		<0.5	
11-Aug-21	Sunny	NA	11:24	1st	28.6	28.6	4.2	4.2	0.02	0.02	41	41	22.8	22.5	1.8	1.8	1.2	1.3	2.3	2.2
				2nd	28.6		4.2		0.02		41		22.1		1.7		1.3		2.1	
13-Aug-21	Cloudy	NA	11:05	1st	28.4	28.4	5.0	5.0	0.02	0.02	42	42	43.6	43.5	3.4	3.4	1.9	2.0	0.6	0.7
				2nd	28.4		4.9		0.02		42		43.3		3.4		2.0		0.7	
16-Aug-21	Cloudy	NA	10:17	1st	27.9	27.9	5.3	5.4	0.02	0.02	53	50	36.3	37.1	2.9	3.0	1.4	1.5	<0.5	<0.5
				2nd	27.9		5.5		0.02		47		37.8		3.0		1.5		<0.5	
18-Aug-21	Sunny	NA	08:42	1st	28.1	28.1	5.0	5.0	0.02	0.02	43	43	26.4	26.1	2.1	2.1	1.8	1.8	<0.5	<0.5
				2nd	28.1		5.0		0.02		43		25.8		2.0		1.8		<0.5	
20-Aug-21	Sunny	NA	10:09	1st	27.6	27.6	5.5	5.5	0.02	0.02	39	39	38.6	38.0	3.0	3.0	2.3	2.3	0.6	0.7
				2nd	27.6		5.5		0.02		39		37.3		2.9		2.2		0.7	
23-Aug-21	Sunny	NA	12:40	1st	28.6	28.6	5.2	5.2	0.02	0.02	41	41	32.7	32.1	2.5	2.5	1.6	1.6	0.6	0.6
				2nd	28.6		5.2		0.02		41		31.5		2.4		1.6		0.6	
25-Aug-21	Sunny	NA	13:00	1st	28.6	28.6	5.1	5.2	0.02	0.02	41	41	33.2	33.9	2.6	2.7	1.9	2.0	0.7	0.7
				2nd	28.6		5.2		0.02		41		34.5		2.7		2.1		0.6	
27-Aug-21	Cloudy	NA	14:10	1st	28.3	28.3	5.7	5.7	0.03	0.03	65	64	36.3	36.7	2.8	2.9	2.6	2.7	0.9	0.9
				2nd	28.3		5.7		0.03		63		37.0		2.9		2.8		0.9	
30-Aug-21	Sunny	NA	10:22	1st	27.8	27.7	5.1	5.1	0.02	0.02	43	43	36.1	35.6	2.8	2.8	3.1	3.1	0.6	0.7
				2nd	27.7		5.1		0.02		43		35.1		2.8		3.0		0.7	
1-Sep-21	Cloudy	NA	11:53	1st	27.6	27.6	5.4	5.4	0.02	0.02	39	39	34.6	34.1	2.7	2.7	4.8	4.8	1.2	1.3
				2nd	27.6		5.4		0.02		39		33.6		2.7		4.8		1.3	
3-Sep-21	Sunny	NA	09:40	1st	27.7	27.6	5.1	5.1	0.02	0.02	42	42	31.4	30.7	2.5	2.5	3.3	3.4	0.9	0.8
				2nd	27.6		5.1		0.02		42		30.0		2.4		3.5		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.

**Tung Chung New Town Extension (West)**  
**Baseline Water Quality Monitoring**  
**Water Quality Monitoring Results at TCW-WQM5A during Mid-Ebb Tide (Aug-Sep 2021)**

Date	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
9-Aug-21	Cloudy	NA	16:28	1st	29.0	29.0	6.2	6.1	0.02	0.02	36	36	83.7	84.4	6.4	6.5	1.1	1.2	0.7	0.9
				2nd	29.0		6.1		0.02		36		85.1		6.6		1.2		1.0	
11-Aug-21	Sunny	NA	11:43	1st	29.6	29.6	6.1	6.2	0.02	0.02	37	37	80.7	81.2	6.1	6.2	1.1	1.1	0.9	0.8
				2nd	29.6		6.2		0.02		37		81.6		6.2		1.1		0.7	
13-Aug-21	Cloudy	NA	11:35	1st	27.9	27.9	6.1	6.1	0.02	0.02	36	36	76.3	77.5	6.0	6.1	2.5	2.5	1.9	1.8
				2nd	27.9		6.1		0.02		36		78.7		6.2		2.4		1.6	
16-Aug-21	Cloudy	NA	10:40	1st	27.7	27.6	6.0	6.0	0.01	0.01	35	35	75.5	75.8	6.0	6.0	2.1	2.0	0.6	0.7
				2nd	27.6		6.0		0.01		35		76.0		6.0		1.9		0.8	
18-Aug-21	Sunny	NA	09:08	1st	27.8	27.8	6.3	6.3	0.02	0.02	36	36	68.2	69.1	5.4	5.5	1.9	2.0	0.6	0.6
				2nd	27.8		6.3		0.02		36		70.0		5.5		2.0		0.6	
20-Aug-21	Sunny	NA	10:39	1st	27.7	27.8	6.0	6.0	0.02	0.02	36	36	79.8	79.7	6.3	6.3	1.9	1.9	0.7	0.8
				2nd	27.8		6.0		0.02		36		79.6		6.3		1.9		0.8	
23-Aug-21	Sunny	NA	13:07	1st	30.3	30.4	6.5	6.5	0.02	0.02	36	36	77.9	78.2	5.9	5.9	1.7	1.8	0.6	0.7
				2nd	30.4		6.5		0.02		36		78.5		5.9		1.8		0.7	
25-Aug-21	Sunny	NA	13:25	1st	31.1	31.1	6.4	6.5	0.02	0.02	37	37	75.8	75.9	5.6	5.6	1.7	1.7	0.8	0.7
				2nd	31.1		6.6		0.02		37		76.0		5.6		1.7		0.6	
27-Aug-21	Cloudy	NA	14:37	1st	27.2	27.2	6.4	6.4	0.02	0.02	38	38	74.0	74.2	5.9	5.9	2.6	2.6	0.7	0.8
				2nd	27.2		6.4		0.02		38		74.3		5.9		2.5		0.8	
30-Aug-21	Sunny	NA	10:44	1st	28.4	28.5	6.5	6.5	0.02	0.02	37	37	75.0	74.1	5.8	5.8	3.0	3.1	0.6	0.7
				2nd	28.5		6.5		0.02		37		73.2		5.7		3.1		0.7	
1-Sep-21	Cloudy	NA	12:19	1st	27.6	27.6	6.3	6.3	0.02	0.02	36	36	74.0	74.7	5.8	5.9	9.7	10.0	4.3	4.2
				2nd	27.6		6.3		0.02		36		75.4		6.0		10.3		4.0	
3-Sep-21	Sunny	NA	10:31	1st	28.6	28.6	6.5	6.5	0.02	0.02	37	37	72.8	74.4	5.6	5.8	2.5	2.7	0.8	0.7
				2nd	28.6		6.5		0.02		37		76.0		5.9		2.8		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.

**Tung Chung New Town Extension (West)**  
**Baseline Water Quality Monitoring**  
**Water Quality Monitoring Results at TCW-WQM6 during Mid-Ebb Tide (Aug-Sep 2021)**

Date	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
9-Aug-21	Cloudy	Moderate	14:44	1st	29.3	29.3	5.3	5.2	0.02	0.02	55	55	76.9	77.2	5.9	5.9	0.8	0.9	1.1	1.0
				2nd	29.3		5.1		0.02		55		77.4		5.9		0.9			
11-Aug-21	Sunny	Moderate	13:24	1st	29.5	29.5	6.0	5.9	0.05	0.05	102	103	68.6	69.7	5.2	5.3	1.1	1.1	1.2	1.2
				2nd	29.5		5.8		0.05		103		70.7		5.4		1.0			
13-Aug-21	Sunny	Moderate	12:52	1st	28.2	28.2	5.6	5.5	0.02	0.02	55	55	53.9	53.6	4.2	4.2	1.9	1.9	1.2	1.3
				2nd	28.2		5.5		0.02		55		53.3		4.2		1.9		1.4	
16-Aug-21	Cloudy	Moderate	08:50	1st	27.4	27.4	5.8	5.7	0.03	0.03	57	57	69.8	69.2	5.5	5.5	1.2	1.3	0.9	1.0
				2nd	27.4		5.7		0.03		57		68.6		5.4		1.4		1.1	
18-Aug-21	Sunny	Moderate	11:14	1st	28.9	28.9	6.2	6.0	0.02	0.02	55	55	59.4	59.9	4.6	4.7	1.4	1.5	0.8	0.8
				2nd	28.9		5.9		0.02		55		60.3		4.7		1.6		0.7	
20-Aug-21	Sunny	Moderate	12:35	1st	28.6	28.6	6.0	5.7	0.02	0.02	52	52	68.8	68.3	5.3	5.3	1.9	1.9	0.8	0.8
				2nd	28.5		5.4		0.02		52		67.7		5.3		1.8		0.8	
23-Aug-21	Sunny	Moderate	15:20	1st	30.2	30.3	6.1	5.8	0.03	0.03	61	61	58.7	59.5	4.4	4.5	1.6	1.7	1.2	1.2
				2nd	30.3		5.6		0.03		60		60.2		4.5		1.8		1.1	
25-Aug-21	Sunny	Moderate	14:43	1st	30.4	30.4	5.7	5.7	0.02	0.02	54	54	60.4	59.3	4.5	4.5	1.6	1.6	1.2	1.2
				2nd	30.4		5.6		0.02		54		58.2		4.4		1.6		1.2	
27-Aug-21	Cloudy	Moderate	16:02	1st	27.2	27.2	6.0	6.0	0.03	0.03	57	57	61.6	61.3	4.9	4.9	3.3	3.2	1.7	1.7
				2nd	27.2		6.0		0.03		57		61.0		4.9		3.1		1.6	
30-Aug-21	Sunny	Moderate	09:19	1st	27.7	27.7	6.0	6.0	0.02	0.02	54	54	58.7	58.2	4.6	4.6	3.1	3.1	0.8	0.9
				2nd	27.7		5.9		0.02		54		57.7		4.5		3.0		0.9	
1-Sep-21	Rainy	Moderate	10:39	1st	27.5	27.5	6.4	6.3	0.03	0.03	58	58	66.6	66.4	5.3	5.3	29.8	29.9	21.0	20.5
				2nd	27.5		6.2		0.03		58		66.1		5.2		29.9		20.0	
3-Sep-21	Sunny	Moderate	12:30	1st	29.0	29.0	6.4	6.4	0.03	0.03	57	57	62.0	61.2	4.8	4.7	3.4	3.3	0.7	0.8
				2nd	29.0		6.3		0.03		57		60.3		4.6		3.2		0.8	

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

**Tung Chung New Town Extension (West)**  
**Baseline Water Quality Monitoring**  
**Water Quality Monitoring Results at TCW-WQM7 during Mid-Ebb Tide (Aug-Sep 2021)**

Date	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
9-Aug-21	Cloudy	Moderate	14:13	1st	32.5	32.4	6.7	6.7	0.04	0.04	89	89	77.1	75.4	5.6	5.5	1.1	1.0	1.6	2.2
				2nd	32.3		6.7		0.04		88		73.7		5.4		0.9		2.8	
11-Aug-21	Sunny	Moderate	13:37	1st	34.0	34.1	6.4	6.4	0.03	0.03	58	58	58.4	58.9	4.1	4.2	1.7	1.6	1.2	1.2
				2nd	34.1		6.4		0.03		58		59.3		4.2		1.4		1.2	
13-Aug-21	Sunny	Moderate	13:19	1st	29.5	29.5	7.1	7.1	0.03	0.03	63	63	71.3	70.6	5.4	5.4	1.9	1.9	2.3	2.2
				2nd	29.5		7.1		0.03		63		69.8		5.3		1.9		2.1	
16-Aug-21	Cloudy	Moderate	09:04	1st	28.1	28.1	6.5	6.6	0.03	0.03	76	75	72.3	71.8	5.7	5.7	1.7	1.7	0.9	1.0
				2nd	28.2		6.7		0.03		74		71.3		5.6		1.6		1.0	
18-Aug-21	Sunny	Moderate	11:06	1st	31.3	31.3	7.6	7.7	0.03	0.03	75	74	67.6	70.0	5.0	5.2	2.1	2.0	0.6	0.7
				2nd	31.3		7.7		0.03		73		72.4		5.4		1.9		0.7	
20-Aug-21	Sunny	Moderate	12:22	1st	32.7	32.7	7.3	7.3	0.03	0.03	73	73	74.2	74.1	5.4	5.4	1.8	1.8	1.2	1.3
				2nd	32.7		7.3		0.03		73		74.0		5.3		1.8		1.4	
23-Aug-21	Sunny	Moderate	15:07	1st	35.4	35.3	8.3	8.3	0.06	0.06	124	124	63.6	63.2	4.4	4.4	1.8	1.8	1.2	1.2
				2nd	35.2		8.3		0.06		123		62.8		4.4		1.7		1.1	
25-Aug-21	Sunny	Moderate	14:32	1st	34.3	34.4	8.5	8.5	0.03	0.03	74	74	66.0	65.0	4.6	4.6	1.5	1.4	1.6	1.5
				2nd	34.5		8.5		0.03		74		64.0		4.5		1.3		1.4	
27-Aug-21	Cloudy	Moderate	15:49	1st	27.0	27.0	6.6	6.6	0.03	0.03	75	75	59.4	60.0	4.7	4.8	3.0	3.1	1.1	1.1
				2nd	27.0		6.6		0.03		75		60.5		4.8		3.1		1.1	
30-Aug-21	Sunny	Moderate	08:55	1st	29.1	29.2	7.9	7.9	0.04	0.04	97	93	64.1	64.1	4.9	4.9	2.9	2.8	3.9	4.2
				2nd	29.2		7.9		0.04		89		64.1		4.9		2.6		4.4	
1-Sep-21	Rainy	Moderate	10:16	1st	28.2	28.2	6.9	6.9	0.03	0.03	77	77	69.7	69.4	5.4	5.4	21.7	21.7	8.7	8.8
				2nd	28.2		6.9		0.03		76		69.1		5.4		21.7		8.9	
3-Sep-21	Sunny	Moderate	12:18	1st	33.9	33.8	8.4	8.3	0.03	0.03	75	76	66.4	66.5	4.7	4.7	3.0	3.1	1.7	1.8
				2nd	33.8		8.3		0.03		76		66.6		4.7		3.2		1.9	

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