

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-C1
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Rainy	Moderate	11:45	YSI 6920 (S/N: 000109DF;0001C6A7)	8.4	Surface	1.0	1	23.9	8.1	29.8	7.6	106.7	8.2	4.3	7.5	11.2	7.0	
								2	23.9	8.1	29.8	7.6	106.5	8.3	2.9				
							Middle	4.2	1	23.8	8.1	31.8	7.4	105.5	10.7				5.7
									2	23.8	8.1	31.8	7.4	105.2	10.8				6.6
							Bottom	7.4	1	23.6	8.1	32.9	7.3	104.1	14.6				11.4
									2	23.6	8.1	32.9	7.3	103.8	14.7				10.8
27/4/2018	Cloudy	Moderate	12:29	YSI ProDSS (S/N: 16H104233;17E100747)	7.5	Surface	1.0	1	24.2	8.1	27.9	7.5	105.2	4.1	1.2	7.4	7.6	1.3	
								2	24.2	8.1	27.9	7.4	105.3	4.1	1.8				
							Middle	3.8	1	23.7	8.1	29.0	7.3	102.3	5.0				1.8
									2	23.7	8.1	29.0	7.3	102.6	5.0				1.4
							Bottom	6.5	1	23.6	8.1	29.4	7.0	97.6	13.7				0.8
									2	23.6	8.1	29.4	7.0	97.9	13.8				0.8
30/4/2018	Fine	Moderate	11:33	YSI ProDSS (S/N: 16H104233;17E100747)	8.2	Surface	1.0	1	25.3	8.1	27.5	7.7	108.7	3.1	6.4	7.6	4.4	7.7	
								2	25.3	8.1	27.5	7.6	108.5	3.1	7.6				
							Middle	4.1	1	24.7	8.2	29.4	7.5	106.6	5.5				6.9
									2	24.7	8.2	29.4	7.5	107.0	5.5				6.2
							Bottom	7.2	1	24.6	8.2	29.8	7.4	105.0	4.6				9.7
									2	24.6	8.2	29.8	7.3	104.8	4.6				9.1
2/5/2018	Sunny	Moderate	12:41	YSI ProDSS (S/N: 16H104233;17H105557)	7.5	Surface	1.0	1	26.6	8.2	26.0	8.0	114.9	6.3	4.0	7.9	8.0	4.4	
								2	26.6	8.2	26.0	8.1	115.4	6.2	4.6				
							Middle	3.8	1	25.2	8.2	29.4	7.7	109.9	8.3				4.9
									2	25.2	8.2	29.4	7.7	110.4	8.3				3.3
							Bottom	6.5	1	25.2	8.2	29.8	7.4	106.4	9.4				4.5
									2	25.2	8.2	29.8	7.4	106.1	9.4				5.3
4/5/2018	Cloudy	Moderate	13:53	YSI ProDSS (S/N: 16H104233;17H105557)	8.6	Surface	1.0	1	25.7	8.2	30.1	7.5	108.6	4.9	4.1	7.2	5.6	5.8	
								2	25.7	8.2	30.1	7.6	108.9	4.9	4.4				
							Middle	4.3	1	25.4	8.2	30.6	6.8	98.3	6.1				6.2
									2	25.4	8.2	30.6	6.8	97.9	6.1				7.2
							Bottom	7.6	1	25.3	8.2	30.7	6.7	96.8	5.7				6.0
									2	25.3	8.2	30.7	6.8	97.1	5.7				6.7
7/5/2018	Fine	Rough	16:10	YSI ProDSS (S/N: 16H104233;17H105557)	8.5	Surface	1.0	1	27.4	8.0	25.3	9.2	133.2	4.8	3.4	9.2	5.0	4.3	
								2	27.4	8.0	25.3	9.3	133.4	4.8	4.3				
							Middle	4.3	1	27.4	8.0	25.4	9.0	131.4	6.0				4.6
									2	27.4	8.0	25.4	9.1	131.3	5.9				3.3
							Bottom	7.5	1	27.3	8.0	25.7	8.8	128.2	4.1				4.4
									2	27.3	8.0	25.7	8.8	128.3	4.1				5.6
9/5/2018	Rainy	Moderate	11:30	YSI ProDSS (S/N: 16H104233;16H104234)	8.4	Surface	1.0	1	26.3	7.9	26.4	7.2	103.4	6.0	8.2	6.9	7.1	9.2	
								2	26.3	7.9	26.4	7.3	103.9	6.0	7.3				
							Middle	4.2	1	25.5	7.9	31.3	6.5	94.6	7.3				8.0
									2	25.5	7.9	31.3	6.5	94.6	7.3				7.3
							Bottom	7.4	1	25.4	7.9	31.9	6.3	92.6	7.9				12.5
									2	25.4	7.9	31.9	6.4	92.9	7.9				11.6
11/5/2018	Sunny	Moderate	12:06	YSI ProDSS (S/N: 16H104233;17H105557)	7.8	Surface	1.0	1	25.8	7.9	28.1	7.2	104.1	3.5	6.4	7.1	4.0	6.3	
								2	25.8	7.9	28.1	7.2	104.4	3.5	6.2				
							Middle	3.9	1	25.2	7.9	30.0	6.9	99.5	3.3				5.2
									2	25.2	7.9	30.0	6.9	99.1	3.3				5.3
							Bottom	6.8	1	25.2	7.9	30.4	6.7	96.0	5.3				7.2
									2	25.2	7.9	30.4	6.7	96.2	5.3				7.7
13/5/2018	Sunny	Moderate	13:10	YSI 6920 (S/N: 000109DF;0001C6A7)	7.9	Surface	1.0	1	27.9	8.3	18.8	8.0	113.0	10.8	8.5	7.6	16.0	9.3	
								2	27.9	8.3	18.8	8.0	112.9	10.9	8.8				
							Middle	4.0	1	25.8	8.2	27.7	7.1	101.4	13.4				9.7
									2	25.8	8.2	27.7	7.2	101.4	13.5				10.2
							Bottom	6.9	1	25.1	8.2	32.0	6.8	98.8	23.7				9.3
									2	25.1	8.2	32.0	6.9	99.2	23.7				9.4
16/5/2018	Sunny	Moderate	11:50	YSI 6920 (S/N: 00019CB2;000109DF)	7.6	Surface	1.0	1	26.8	8.3	24.4	7.4	105.9	10.6	9.4	7.1	14.0	8.9	
								2	26.8	8.3	24.4	7.5	105.5	10.5	9.2				
							Middle	3.8	1	25.8	8.3	29.6	6.7	96.9	15.4				8.8
									2	25.8	8.3	29.6	6.7	97.4	15.5				8.2
							Bottom	6.6	1	25.5	8.3	30.7	6.7	96.9	16.0				8.8
									2	25.5	8.3	30.7	6.6	96.9	16.0				9.0
18/5/2018	Sunny	Moderate	13:20	YSI 6920 (S/N: 000109DF;0001C6A7)	7.7	Surface	1.0	1	27.1	8.2	25.2	6.6	95.3	10.8	6.5	6.5	12.6	7.1	
								2	27.1	8.2	25.2	6.8	95.4	10.8	5.9				
							Middle	3.9	1	26.4	8.1	28.6	6.2	90.7	13.0				7.4
									2	26.4	8.1	28.6	6.2	90.4	13.1				7.2
							Bottom	6.7	1	26.2	8.1	29.0	6.1	88.3	14.1				7.2
									2	26.2	8.1	29.0	6.1	88.2	14.0				8.1
21/5/2018	Sunny	Moderate	16:00	YSI ProDSS (S/N: 16H104233;17H105557)	7.8	Surface	1.0	1	29.6	8.0	22.6	8.3	121.8	3.9	6.0	6.7	7.9	5.9	
								2	29.6	8.0	22.6	8.4	121.9	3.9	6.0				
							Middle	3.9	1	26.9	7.8	28.6	5.1	73.9	8.2				5.4
									2	26.9	7.8	28.6	5.1	73.9	8.2				5.9
							Bottom	6.8	1	26.6	7.8	29.9	5.0	72.4	11.6				7.0
									2	26.6	7.8	29.9	4.9	72.1	11.5				5.0

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-C1
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Rainy	Moderate	13:39	YSI 6920 (S/N: 000109DF;0001C6A7)	8.6	Surface	1.0	1	24.1	8.1	29.6	7.6	106.8	10.7	3.8	7.5	11.0	6.7	
								2	24.1	8.1	29.6	7.5	106.4	10.6	3.1				
							Middle	4.3	1	23.6	8.1	32.4	7.4	104.7	9.1				8.4
									2	23.6	8.1	32.4	7.4	104.7	9.1				8.9
							Bottom	7.6	1	23.6	8.1	32.9	7.3	103.2	13.3				8.6
									2	23.6	8.1	32.9	7.2	102.8	13.2				7.6
27/4/2018	Cloudy	Calm	15:48	YSI ProDSS (S/N: 16H104233;17E100747)	7.4	Surface	1.0	1	25.1	8.1	27.8	7.6	107.1	6.4	4.5	7.6	7.8	4.4	
								2	25.1	8.1	27.8	7.6	107.5	6.4	3.4				
							Middle	3.7	1	23.9	8.1	29.1	7.5	105.2	7.9				3.3
									2	23.9	8.1	29.1	7.5	105.6	7.9				4.9
							Bottom	6.4	1	23.8	8.1	29.1	7.4	104.0	9.0				4.9
									2	23.8	8.1	29.1	7.4	103.5	9.0				5.2
30/4/2018	Fine	Calm	07:12	YSI ProDSS (S/N: 16H104233;17E100747)	8.4	Surface	1.0	1	24.5	8.2	30.3	7.4	105.1	13.9	11.9	7.4	17.3	25.5	
								2	24.5	8.2	30.3	7.4	105.4	13.8	12.7				
							Middle	4.2	1	24.5	8.2	30.4	7.3	104.4	16.4				29.5
									2	24.5	8.2	30.4	7.3	104.2	16.2				29.8
							Bottom	7.4	1	24.5	8.2	30.5	7.2	102.8	21.9				34.3
									2	24.5	8.2	30.5	7.2	102.8	21.7				34.9
2/5/2018	Sunny	Moderate	09:05	YSI ProDSS (S/N: 16H104233;17H105557)	7.4	Surface	1.0	1	25.5	8.1	27.7	7.5	107.6	2.8	3.7	7.5	6.7	4.7	
								2	25.5	8.1	27.7	7.6	108.0	2.8	3.8				
							Middle	3.7	1	25.2	8.1	28.9	7.4	106.3	7.2				4.5
									2	25.2	8.1	28.9	7.4	106.2	7.3				5.7
							Bottom	6.4	1	25.2	8.1	29.1	7.4	105.9	10.2				4.9
									2	25.2	8.1	29.1	7.4	106.3	10.1				5.7
4/5/2018	Cloudy	Moderate	09:49	YSI ProDSS (S/N: 16H104233;17H105557)	8.3	Surface	1.0	1	25.1	8.2	29.7	7.1	101.8	5.8	3.3	7.1	9.0	3.9	
								2	25.1	8.2	29.7	7.1	102.0	5.8	3.9				
							Middle	4.2	1	25.0	8.2	30.3	7.0	100.4	9.1				2.3
									2	25.0	8.2	30.3	7.0	100.7	9.2				3.0
							Bottom	7.3	1	25.0	8.2	30.3	7.0	100.2	12.0				4.8
									2	25.0	8.2	30.3	7.0	100.2	12.0				5.9
7/5/2018	Cloudy	Moderate	06:50	YSI ProDSS (S/N: 16H104233;17H105557)	8.3	Surface	1.0	1	26.3	7.9	25.1	6.6	94.3	3.0	4.5	6.5	6.6	5.8	
								2	26.3	7.9	25.1	6.6	93.9	3.0	4.3				
							Middle	4.2	1	25.8	7.9	29.2	6.3	91.7	6.4				6.5
									2	25.8	7.9	29.2	6.3	91.4	6.4				5.9
							Bottom	7.3	1	25.8	7.9	29.5	6.2	90.3	10.5				6.3
									2	25.8	7.9	29.5	6.2	90.5	10.5				7.1
9/5/2018	Cloudy	Rough	11:55	YSI ProDSS (S/N: 16H104233;16H104234)	8.2	Surface	1.0	1	26.2	7.9	25.8	7.2	102.9	6.2	5.6	6.8	7.4	7.8	
								2	26.2	7.9	25.8	7.2	102.6	6.2	6.7				
							Middle	4.1	1	25.5	7.9	31.2	6.4	93.2	7.3				7.7
									2	25.5	7.9	31.2	6.4	93.4	7.3				8.8
							Bottom	7.2	1	25.4	7.9	31.9	6.2	90.9	8.7				9.3
									2	25.4	7.9	31.9	6.2	91.2	8.7				8.9
11/5/2018	Sunny	Moderate	14:23	YSI ProDSS (S/N: 16H104233;17H105557)	7.7	Surface	1.0	1	25.8	7.9	28.5	7.0	101.0	1.6	5.2	6.9	2.3	5.7	
								2	25.8	7.9	28.5	7.0	101.3	1.6	4.3				
							Middle	3.9	1	25.5	7.9	29.0	6.9	98.8	1.5				6.3
									2	25.5	7.9	29.0	6.8	98.4	1.5				5.2
							Bottom	6.7	1	25.1	7.9	30.2	6.4	91.7	3.9				6.0
									2	25.1	7.9	30.2	6.4	91.6	3.9				7.4
13/5/2018	Sunny	Moderate	16:07	YSI 6920 (S/N: 000109DF;0001C6A7)	7.7	Surface	1.0	1	28.5	8.2	15.5	8.7	121.7	11.0	7.4	8.6	12.0	9.3	
								2	28.5	8.2	15.5	8.7	122.3	10.9	7.1				
							Middle	3.9	1	27.7	8.3	18.9	8.5	120.3	12.1				7.1
									2	27.7	8.3	18.9	8.5	120.6	12.1				8.9
							Bottom	6.7	1	26.7	8.2	23.9	8.0	113.3	12.9				11.9
									2	26.7	8.2	23.9	8.0	113.6	12.9				13.2
16/5/2018	Cloudy	Calm	08:23	YSI 6920 (S/N: 00019CB2;000109DF)	7.9	Surface	1.0	1	26.8	8.2	21.6	6.8	96.5	13.0	5.2	6.7	16.7	5.9	
								2	26.8	8.2	21.6	6.8	96.1	13.1	6.5				
							Middle	4.0	1	25.8	8.2	29.9	6.5	93.8	17.2				6.1
									2	25.8	8.2	29.9	6.5	93.8	17.4				5.9
							Bottom	6.9	1	25.6	8.2	31.1	6.4	93.9	19.8				5.6
									2	25.6	8.2	31.1	6.4	93.7	19.7				6.3
18/5/2018	Fine	Moderate	09:17	YSI 6920 (S/N: 000109DF;0001C6A7)	7.6	Surface	1.0	1	27.1	8.1	20.5	6.6	93.7	15.7	5.2	6.4	17.8	5.4	
								2	27.1	8.1	20.5	6.7	93.8	15.7	5.0				
							Middle	3.8	1	26.6	8.1	27.2	6.2	89.8	17.1				5.0
									2	26.6	8.1	27.2	6.2	90.0	17.2				5.8
							Bottom	6.6	1	26.4	8.1	27.9	6.1	89.3	20.6				6.2
									2	26.4	8.1	27.9	6.1	89.1	20.5				5.4
21/5/2018	Fine	Moderate	12:01	YSI ProDSS (S/N: 16H104233;17H105557)	7.8	Surface	1.0	1	27.8	8.0	23.5	6.2	90.5	4.9	4.5	5.6	6.1	5.4	
								2	27.8	8.0	23.5	6.2	90.4	4.9	5.4				
							Middle	3.9	1	26.5	7.9	28.4	4.9	71.3	3.5				4.7
									2	26.5	7.9	28.4	4.9	71.2	3.5				5.3
							Bottom	6.8	1	26.3	7.9	29.1	5.0	72.3	10.0				6.8
									2	26.3	7.9	29.1	4.9	72.1	9.9				5.9

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-C2
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Moderate	09:27	YSI ProDSS (S/N: 16H104233;16 H104234)	15	Surface	1.0	1	24.0	8.0	29.1	6.1	85.7	2.4	3.0	6.1	4.0	5.2	
								2	24.0	8.0	29.1	6.1	85.9	2.4	2.3				
							Middle	7.5	1	23.5	8.0	31.9	6.1	85.9	4.3				5.0
									2	23.5	8.0	31.9	6.1	85.9	4.3				6.6
							Bottom	14.0	1	23.5	8.0	31.9	6.1	86.0	5.3				7.3
									2	23.5	8.0	31.9	6.1	86.3	5.3				7.2
27/4/2018	Cloudy	Moderate	10:33	YSI ProDSS (S/N: 17H105557;16 H104234)	15.7	Surface	1.0	1	23.8	8.0	29.6	6.2	86.2	2.5	1.5	6.1	3.3	3.9	
								2	23.8	8.0	29.6	6.1	86.0	2.5	1.6				
							Middle	7.9	1	23.5	8.0	31.3	6.0	85.2	3.1				4.3
									2	23.5	8.0	31.3	6.0	85.2	3.1				3.7
							Bottom	14.7	1	23.5	8.0	31.5	6.1	85.8	4.4				6.8
									2	23.5	8.0	31.5	6.1	85.4	4.4				5.2
30/4/2018	Sunny	Moderate	13:04	YSI ProDSS (S/N: 16H104234;17 H105557)	12.5	Surface	1.0	1	24.8	8.1	28.9	6.4	91.3	5.4	6.1	6.4	6.5	6.4	
								2	24.8	8.1	28.9	6.5	91.7	5.3	6.5				
							Middle	6.3	1	24.7	8.1	29.2	6.4	90.3	8.3				6.3
									2	24.7	8.1	29.2	6.4	90.2	8.3				6.7
							Bottom	11.5	1	24.7	8.1	29.2	6.4	90.4	5.7				6.2
									2	24.7	8.1	29.2	6.4	90.8	5.7				6.3
2/5/2018	Sunny	Calm	14:40	YSI ProDSS (S/N: 16H104234;17 E100747)	13.3	Surface	1.0	1	25.9	7.9	27.0	6.8	97.2	10.5	6.8	6.8	12.7	6.6	
								2	25.9	7.9	27.0	6.9	97.6	10.6	6.9				
							Middle	6.7	1	25.8	8.0	27.3	6.8	97.2	13.6				5.9
									2	25.8	8.0	27.3	6.8	97.2	13.6				6.1
							Bottom	12.3	1	26.0	8.0	27.1	6.8	98.0	14.0				7.7
									2	26.0	8.0	27.1	6.9	97.7	13.9				6.4
4/5/2018	Cloudy	Moderate	15:53	YSI ProDSS (S/N: 16H104234;17 E100747)	12.9	Surface	1.0	1	25.5	8.1	28.7	6.7	95.8	4.3	4.8	6.6	7.4	7.7	
								2	25.5	8.1	28.7	6.7	96.1	4.3	6.4				
							Middle	6.5	1	25.4	8.1	29.2	6.5	93.9	9.4				8.1
									2	25.4	8.1	29.2	6.5	94.0	9.3				7.1
							Bottom	11.9	1	24.9	8.1	31.0	6.5	93.5	8.7				10.3
									2	24.9	8.1	31.0	6.5	93.4	8.6				9.2
7/5/2018	Cloudy	Moderate	17:49	YSI ProDSS (S/N: 16H104234;17 E100747)	14	Surface	1.0	1	27.0	8.0	24.4	7.8	112.0	1.6	2.7	8.0	3.4	2.9	
								2	27.0	8.0	24.4	7.8	112.2	1.6	2.8				
							Middle	7.0	1	27.0	8.0	24.6	8.1	116.5	3.0				2.1
									2	27.0	8.0	24.6	8.1	116.7	3.0				2.9
							Bottom	13.0	1	26.5	8.0	27.0	7.0	100.8	5.5				3.3
									2	26.5	8.0	27.0	7.0	100.9	5.5				3.7
9/5/2018	Rainy	Moderate	08:12	YSI ProDSS (S/N: 17H105557;17 E100747)	11.3	Surface	1.0	1	26.0	7.7	26.0	6.8	96.7	1.1	5.7	6.4	1.7	5.9	
								2	26.0	7.7	26.0	6.8	96.8	1.1	5.5				
							Middle	5.7	1	25.1	7.7	31.3	6.0	87.3	1.9				5.6
									2	25.1	7.7	31.3	6.1	86.9	1.9				6.7
							Bottom	10.3	1	24.9	7.7	32.0	6.0	86.8	2.1				6.4
									2	24.9	7.7	32.0	6.0	86.8	2.1				5.6
11/5/2018	Cloudy	Moderate	09:58	YSI ProDSS (S/N: 16H104234;17 E100747)	13	Surface	1.0	1	24.9	8.0	31.6	6.0	87.3	2.3	5.0	6.0	2.3	6.3	
								2	24.9	8.0	31.6	6.1	87.6	2.3	6.3				
							Middle	6.5	1	24.7	8.0	31.8	5.9	85.8	1.9				7.3
									2	24.7	8.0	31.8	5.9	85.4	1.9				6.5
							Bottom	12.0	1	24.7	8.0	31.8	5.9	85.8	2.7				6.8
									2	24.7	8.0	31.8	6.0	86.0	2.7				5.7
13/5/2018	Fine	Calm	11:05	YSI ProDSS (S/N: 16H104234;17 E100747)	12.8	Surface	1.0	1	26.8	8.2	21.4	7.6	106.4	3.5	10.0	6.9	3.4	11.2	
								2	26.8	8.2	21.4	7.5	106.4	3.5	9.9				
							Middle	6.4	1	25.6	8.2	27.3	6.3	90.1	3.4				11.8
									2	25.6	8.2	27.3	6.3	90.4	3.4				11.6
							Bottom	11.8	1	25.3	8.1	29.4	6.2	88.5	3.3				12.1
									2	25.3	8.1	29.4	6.1	88.4	3.3				11.5
16/5/2018	Fine	Calm	13:40	YSI ProDSS (S/N: 16H104234;17 E100747)	15.6	Surface	1.0	1	27.6	8.0	22.2	6.8	97.5	5.5	9.7	6.6	14.4	15.0	
								2	27.6	8.0	22.2	6.9	97.9	5.5	9.9				
							Middle	7.8	1	26.6	8.0	23.6	6.4	91.5	19.6				11.7
									2	26.6	8.0	23.6	6.3	91.3	19.4				11.0
							Bottom	14.6	1	26.1	8.0	27.7	6.2	89.4	18.2				24.6
									2	26.1	8.0	27.7	6.2	89.5	18.3				23.3
18/5/2018	Fine	Moderate	15:06	YSI ProDSS (S/N: 16H104234;17 E100747)	15	Surface	1.0	1	28.4	8.0	21.5	6.3	90.6	6.1	6.3	6.2	8.8	6.7	
								2	28.4	8.0	21.5	6.4	91.0	6.1	5.5				
							Middle	7.5	1	28.0	8.0	21.9	6.0	87.0	8.3				7.5
									2	28.0	8.0	21.9	6.1	86.8	8.3				6.0
							Bottom	14.0	1	26.4	8.0	27.8	5.6	81.3	11.9				7.1
									2	26.4	8.0	27.8	5.6	81.6	11.8				7.6
21/5/2018	Sunny	Moderate	17:54	YSI ProDSS (S/N: 16H104234;17 E100747)	16.2	Surface	1.0	1	29.8	8.2	19.1	8.3	121.5	2.9	4.0	7.8	5.6	6.2	
								2	29.8	8.2	19.1	8.5	121.3	2.9	4.1				
							Middle	8.1	1	29.0	8.1	21.0	7.2	104.4	4.1				5.9
									2	29.0	8.1	21.0	7.3	104.9	4.1				7.8
							Bottom	15.2	1	26.5	8.0	28.5	5.4	79.0	9.8				7.8
									2	26.5	8.0	28.5	5.4	79.4	9.9				7.8

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Station	TCE-C2
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Rainy	Moderate	15:23	YSI ProDSS (S/N: 16H104233;16 H104234)	14.8	Surface	1.0	1	24.1	8.1	28.1	6.4	89.4	1.6	4.6	6.2	3.6	6.3	
								2	24.1	8.1	28.1	6.4	89.1	1.6	3.8				
							Middle	7.4	1	23.6	8.1	31.4	5.9	83.8	3.2				4.5
									2	23.6	8.1	31.4	5.9	83.6	3.2				5.0
							Bottom	13.8	1	23.6	8.0	31.6	6.0	84.1	5.9				10.5
									2	23.6	8.0	31.6	5.9	83.9	5.9				9.2
27/4/2018	Misty	Moderate	17:45	YSI ProDSS (S/N: 17H105557;16 H104234)	15	Surface	1.0	1	24.0	8.0	29.8	6.2	87.9	2.8	6.1	6.2	9.3	9.2	
								2	24.0	8.0	29.8	6.3	88.2	2.8	6.6				
							Middle	7.5	1	23.8	8.0	30.4	6.1	86.4	11.2				5.8
									2	23.8	8.0	30.4	6.1	86.4	11.3				5.4
							Bottom	14.0	1	23.8	8.0	30.5	6.1	86.4	13.9				15.3
									2	23.8	8.0	30.5	6.1	86.2	13.9				16.2
30/4/2018	Fine	Calm	05:51	YSI ProDSS (S/N: 16H104234;17 H105557)	12	Surface	1.0	1	24.7	8.2	28.4	6.3	89.0	2.8	2.7	6.3	4.4	3.9	
								2	24.7	8.2	28.4	6.3	89.3	2.8	4.2				
							Middle	6.0	1	24.6	8.2	28.6	6.3	88.7	3.6				4.1
									2	24.6	8.2	28.6	6.3	88.5	3.6				3.7
							Bottom	11.0	1	24.5	8.1	29.4	6.2	87.7	6.7				4.6
									2	24.5	8.1	29.4	6.2	88.0	6.7				4.3
2/5/2018	Fine	Moderate	06:50	YSI ProDSS (S/N: 16H104234;17 E100747)	13.1	Surface	1.0	1	25.4	7.9	26.9	6.4	90.5	3.2	3.7	6.3	3.1	5.9	
								2	25.4	7.9	26.9	6.4	90.4	3.2	5.3				
							Middle	6.6	1	25.1	7.9	28.3	6.2	88.3	3.5				5.8
									2	25.1	7.9	28.3	6.2	87.9	3.5				4.9
							Bottom	12.1	1	24.9	7.9	29.2	6.1	87.4	2.7				7.5
									2	24.9	7.9	29.2	6.1	87.7	2.7				8.3
4/5/2018	Cloudy	Moderate	07:33	YSI ProDSS (S/N: 16H104234;17 E100747)	12.9	Surface	1.0	1	25.2	8.1	28.7	6.5	92.7	2.1	4.3	6.5	3.7	4.3	
								2	25.2	8.1	28.7	6.5	93.0	2.1	4.2				
							Middle	6.5	1	25.0	8.1	30.5	6.4	92.4	4.4				4.3
									2	25.0	8.1	30.5	6.4	92.4	4.4				3.4
							Bottom	11.9	1	24.9	8.1	30.9	6.4	92.3	4.7				4.6
									2	24.9	8.1	30.9	6.4	92.5	4.7				4.7
7/5/2018	Cloudy	Moderate	04:39	YSI ProDSS (S/N: 16H104234;17 E100747)	13.1	Surface	1.0	1	26.2	8.0	26.8	6.9	99.0	1.1	4.0	6.8	2.0	5.1	
								2	26.2	8.0	26.8	6.9	98.7	1.1	4.1				
							Middle	6.6	1	25.8	8.0	28.3	6.7	97.1	2.0				4.9
									2	25.8	8.0	28.3	6.7	97.1	2.0				3.4
							Bottom	12.1	1	25.5	8.0	29.6	6.6	94.8	2.9				6.2
									2	25.5	8.0	29.6	6.6	95.2	2.9				7.7
9/5/2018	Cloudy	Moderate	13:56	YSI ProDSS (S/N: 17H105557;17 E100747)	9	Surface	1.0	1	26.0	8.0	26.0	7.3	103.6	0.9	6.2	7.0	1.8	8.0	
								2	26.0	8.0	26.0	7.3	103.7	0.9	7.4				
							Middle	4.5	1	25.5	8.0	28.0	6.6	94.6	1.6				7.9
									2	25.5	8.0	28.0	6.6	95.0	1.6				8.6
							Bottom	8.0	1	25.1	8.0	31.8	6.2	89.9	2.8				8.6
									2	25.1	8.0	31.8	6.2	90.0	2.8				9.2
11/5/2018	Cloudy	Moderate	16:31	YSI ProDSS (S/N: 16H104234;17 E100747)	15.9	Surface	1.0	1	25.3	8.0	29.8	6.8	98.6	1.4	6.9	6.5	3.8	7.3	
								2	25.3	8.0	29.8	6.8	98.4	1.4	7.1				
							Middle	8.0	1	24.9	8.0	31.2	6.1	87.7	2.5				6.3
									2	24.9	8.0	31.2	6.1	87.8	2.5				6.3
							Bottom	14.9	1	24.7	8.0	31.8	5.8	83.8	7.6				8.8
									2	24.7	8.0	31.8	5.8	84.2	7.6				8.5
13/5/2018	Cloudy	Calm	18:20	YSI ProDSS (S/N: 16H104234;17 E100747)	15.9	Surface	1.0	1	26.4	8.0	23.2	7.3	103.3	3.7	12.7	6.6	11.0	18.2	
								2	26.4	8.0	23.2	7.3	103.3	3.7	13.0				
							Middle	8.0	1	25.2	8.0	30.1	5.8	83.9	11.6				17.9
									2	25.2	8.0	30.1	5.8	83.5	11.7				16.8
							Bottom	14.9	1	25.1	7.9	30.4	5.9	84.7	17.6				24.1
									2	25.1	7.9	30.4	5.9	84.5	17.8				24.9
16/5/2018	Fine	Moderate	05:58	YSI ProDSS (S/N: 16H104234;17 E100747)	12.8	Surface	1.0	1	27.0	8.0	21.8	6.3	89.1	4.3	4.6	6.1	5.8	12.6	
								2	27.0	8.0	21.8	6.3	89.0	4.3	6.0				
							Middle	6.4	1	26.1	8.0	27.6	5.8	83.5	7.6				13.9
									2	26.1	8.0	27.6	5.8	83.6	7.6				13.1
							Bottom	11.8	1	26.0	8.0	28.1	5.8	82.9	5.4				19.5
									2	26.0	8.0	28.1	5.8	83.2	5.4				18.7
18/5/2018	Fine	Calm	07:18	YSI ProDSS (S/N: 16H104234;17 E100747)	11.5	Surface	1.0	1	27.5	8.0	21.4	6.0	85.2	4.3	4.1	5.9	4.5	4.3	
								2	27.5	8.0	21.4	5.9	84.8	4.3	4.6				
							Middle	5.8	1	27.0	8.0	23.6	5.8	82.9	4.8				4.0
									2	27.0	8.0	23.6	5.8	82.6	4.8				4.5
							Bottom	10.5	1	26.6	8.0	26.4	5.6	81.1	4.3				4.2
									2	26.6	8.0	26.4	5.6	81.1	4.3				4.5
21/5/2018	Fine	Calm	09:35	YSI ProDSS (S/N: 16H104234;17 E100747)	11.5	Surface	1.0	1	28.2	8.0	19.8	6.2	89.3	4.3	3.7	6.0	4.9	4.0	
								2	28.2	8.0	19.8	6.2	89.2	4.3	4.0				
							Middle	5.8	1	27.7	8.0	23.0	5.8	84.0	4.7				3.3
									2	27.7	8.0	23.0	5.8	83.9	4.7				3.9
							Bottom	10.5	1	26.4	8.0	29.2	5.2	75.3	5.6				3.6
									2	26.4	8.0	29.2	5.2	75.5	5.6				5.3

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM1
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)
25/4/2018	Cloudy	Calm	11:27	YSI ProDSS (S/N: 16H104233;16 H104234)	9	Surface	1.0	1	24.4	8.0	27.3	6.6	92.2	4.6	7.1	6.6	5.7	7.2
								2	24.4	8.0	27.3	6.6	92.3	4.6	5.9			
							4.5	1	24.4	8.0	27.5	6.6	91.8	5.0	7.1			
								2	24.4	8.0	27.5	6.5	91.6	5.0	8.6			
							8.0	1	24.4	8.0	27.6	6.5	91.4	7.4	7.1			
								2	24.4	8.0	27.6	6.5	91.6	7.3	7.5			
27/4/2018	Cloudy	Calm	12:25	YSI ProDSS (S/N: 17H105557;16 H104234)	8.7	Surface	1.0	1	23.9	8.0	29.6	6.6	92.2	4.3	5.2	6.6	5.0	5.3
								2	23.9	8.0	29.6	6.5	92.4	4.3	5.7			
							4.4	1	23.8	8.0	29.7	6.6	92.6	4.9	4.4			
								2	23.8	8.0	29.7	6.6	92.9	4.9	5.2			
							7.7	1	23.8	8.0	29.8	6.6	92.7	5.9	5.7			
								2	23.8	8.0	29.8	6.6	92.6	5.9	5.3			
30/4/2018	Sunny	Calm	11:41	YSI ProDSS (S/N: 16H104234;17 H105557)	9	Surface	1.0	1	24.9	8.1	29.4	6.6	94.3	7.5	10.8	6.6	7.5	11.3
								2	24.9	8.1	29.4	6.6	94.5	7.5	10.5			
							4.5	1	24.9	8.1	29.4	6.6	94.2	7.5	9.1			
								2	24.9	8.1	29.4	6.6	94.1	7.5	10.7			
							8.0	1	24.9	8.1	29.4	6.6	94.2	7.5	12.6			
								2	24.9	8.1	29.4	6.6	94.0	7.5	13.9			
2/5/2018	Sunny	Calm	12:49	YSI ProDSS (S/N: 16H104234;17 E100747)	9.1	Surface	1.0	1	25.9	8.0	27.7	6.9	99.5	5.8	9.4	6.9	6.2	10.7
								2	25.9	8.0	27.7	7.0	99.9	5.7	9.2			
							4.6	1	25.9	8.0	27.7	6.9	99.4	6.5	11.2			
								2	25.9	8.0	27.7	6.9	99.5	6.5	11.9			
							8.1	1	25.9	8.0	27.7	6.9	99.7	6.4	11.0			
								2	25.9	8.0	27.7	6.9	99.3	6.4	11.6			
4/5/2018	Cloudy	Calm	14:11	YSI ProDSS (S/N: 16H104234;17 E100747)	10.1	Surface	1.0	1	26.0	8.1	28.1	7.3	105.8	4.6	5.8	7.3	8.5	7.5
								2	26.0	8.1	28.1	7.3	105.7	4.6	5.7			
							5.1	1	25.9	8.2	28.4	7.3	105.1	5.0	6.8			
								2	25.9	8.2	28.4	7.3	105.2	5.0	7.7			
							9.1	1	25.4	8.2	30.3	7.2	104.0	15.7	9.8			
								2	25.4	8.2	30.3	7.3	104.5	15.8	8.9			
7/5/2018	Cloudy	Calm	16:19	YSI ProDSS (S/N: 16H104234;17 E100747)	9.1	Surface	1.0	1	26.8	8.0	26.2	8.4	121.7	3.9	4.6	7.9	5.7	5.5
								2	26.8	8.0	26.2	8.4	121.7	3.9	4.1			
							4.6	1	26.2	8.0	28.4	7.3	105.8	5.8	6.6			
								2	26.2	8.0	28.4	7.3	105.3	5.8	6.0			
							8.1	1	26.1	8.0	28.7	7.0	101.8	7.3	5.0			
								2	26.1	8.0	28.7	7.1	102.0	7.4	6.5			
9/5/2018	Rainy	Moderate	09:43	YSI ProDSS (S/N: 17H105557;17 E100747)	8.8	Surface	1.0	1	26.3	7.5	23.4	7.0	99.3	2.5	4.0	6.6	7.1	5.5
								2	26.3	7.5	23.4	7.0	99.1	2.5	4.2			
							4.4	1	26.2	7.5	27.1	6.1	88.2	8.2	6.8			
								2	26.2	7.5	27.1	6.2	88.3	8.2	7.0			
							7.8	1	26.1	7.5	27.5	5.9	84.4	10.6	5.1			
								2	26.1	7.5	27.5	5.8	84.0	10.5	5.9			
11/5/2018	Cloudy	Moderate	11:40	YSI ProDSS (S/N: 16H104234;17 E100747)	9.6	Surface	1.0	1	25.0	8.0	27.4	6.6	93.6	2.4	9.5	6.6	4.5	10.0
								2	25.0	8.0	27.4	6.6	93.6	2.4	9.5			
							4.8	1	24.9	8.1	27.9	6.5	92.0	3.3	9.6			
								2	24.9	8.1	27.9	6.5	92.1	3.3	8.9			
							8.6	1	24.8	8.1	29.5	6.4	91.4	7.8	10.7			
								2	24.8	8.1	29.5	6.4	91.2	7.7	11.9			
13/5/2018	Fine	Calm	12:53	YSI ProDSS (S/N: 16H104234;17 E100747)	9.5	Surface	1.0	1	26.4	8.1	23.8	7.0	99.4	7.1	8.2	6.6	12.4	14.3
								2	26.4	8.1	23.8	6.9	99.1	7.1	10.3			
							4.8	1	25.9	8.1	26.5	6.2	88.2	10.5	15.6			
								2	25.9	8.1	26.5	6.2	88.4	10.5	14.2			
							8.5	1	25.7	8.1	27.9	6.0	85.9	19.6	18.8			
								2	25.7	8.1	27.9	6.0	85.5	19.6	18.9			
16/5/2018	Fine	Calm	11:58	YSI ProDSS (S/N: 16H104234;17 E100747)	9.5	Surface	1.0	1	27.5	8.0	22.3	6.7	95.5	8.7	13.6	6.7	12.2	16.7
								2	27.5	8.0	22.3	6.6	95.2	8.6	14.1			
							4.8	1	27.5	8.0	22.3	6.7	95.4	13.2	16.7			
								2	27.5	8.0	22.3	6.7	95.3	13.2	16.4			
							8.5	1	27.4	8.0	22.4	6.6	95.6	14.7	19.9			
								2	27.4	8.0	22.4	6.6	95.6	14.7	19.9			
18/5/2018	Fine	Calm	13:29	YSI ProDSS (S/N: 16H104234;17 E100747)	9.5	Surface	1.0	1	27.8	7.9	21.7	6.0	86.3	9.3	9.4	6.0	9.8	9.7
								2	27.8	7.9	21.7	6.0	86.4	9.3	9.0			
							4.8	1	27.8	7.9	21.8	6.0	86.0	9.9	10.0			
								2	27.8	7.9	21.8	6.0	86.2	9.9	9.1			
							8.5	1	27.8	7.9	21.8	6.0	86.1	10.0	11.0			
								2	27.8	7.9	21.8	6.0	86.4	10.1	9.4			
21/5/2018	Sunny	Calm	16:16	YSI ProDSS (S/N: 16H104234;17 E100747)	8.6	Surface	1.0	1	29.0	8.0	21.8	7.1	104.8	4.6	5.0	7.0	5.4	5.8
								2	29.0	8.0	21.8	7.1	104.7	4.6	5.9			
							4.3	1	28.6	8.0	22.4	6.9	100.2	3.9	6.0			
								2	28.6	8.0	22.4	6.9	99.8	3.9	5.0			
							7.6	1	27.5	7.9	25.0	5.7	82.2	7.7	6.0			
								2	27.5	7.9	25.0	5.6	82.2	7.7	6.7			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM1
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)
25/4/2018	Cloudy	Calm	13:53	YSI ProDSS (S/N: 16H104233;16H104234)	8.9	Surface	1.0	1	24.5	8.0	27.0	6.7	93.2	3.4	4.9	6.6	5.8	4.8
								2	24.5	8.0	27.0	6.6	92.9	3.4	5.8			
							4.5	1	24.4	8.0	27.5	6.5	91.3	6.3	4.7			
								2	24.4	8.0	27.5	6.5	91.3	6.3	4.1			
							7.9	1	24.3	8.0	27.7	6.6	92.5	7.7	4.2			
								2	24.3	8.0	27.7	6.6	92.1	7.7	4.9			
27/4/2018	Misty	Calm	15:54	YSI ProDSS (S/N: 17H105557;16H104234)	8.4	Surface	1.0	1	24.5	7.9	28.8	6.3	88.9	2.7	1.9	6.4	3.0	1.2
								2	24.5	7.9	28.8	6.3	89.1	2.7	1.5			
							4.2	1	24.4	7.9	28.9	6.4	90.3	3.0	0.8			
								2	24.4	7.9	28.9	6.4	90.2	3.0	0.9			
							7.4	1	24.0	7.9	29.5	6.5	90.8	3.2	1.3			
								2	24.0	7.9	29.5	6.5	91.2	3.2	0.9			
30/4/2018	Fine	Calm	07:18	YSI ProDSS (S/N: 16H104234;17H105557)	8.9	Surface	1.0	1	25.0	8.0	29.1	6.4	91.2	3.3	4.9	6.4	4.6	6.9
								2	25.0	8.0	29.1	6.4	90.9	3.3	4.8			
							4.5	1	24.9	8.0	29.4	6.4	92.0	4.8	6.7			
								2	24.9	8.0	29.4	6.4	92.0	4.8	7.1			
							7.9	1	24.9	8.0	29.4	6.5	92.1	5.8	9.6			
								2	24.9	8.0	29.4	6.4	91.7	5.8	8.0			
2/5/2018	Sunny	Calm	08:21	YSI ProDSS (S/N: 16H104234;17E100747)	8.8	Surface	1.0	1	25.6	8.0	27.5	7.0	99.6	2.1	2.9	6.9	3.0	4.8
								2	25.6	8.0	27.5	7.0	99.9	2.1	2.9			
							4.4	1	25.6	8.0	27.9	6.8	97.8	3.2	5.3			
								2	25.6	8.0	27.9	6.8	97.6	3.2	5.0			
							7.8	1	25.7	8.0	28.0	6.8	97.7	3.6	6.3			
								2	25.7	8.0	28.0	6.8	97.9	3.6	6.6			
4/5/2018	Cloudy	Moderate	09:01	YSI ProDSS (S/N: 16H104234;17E100747)	8.7	Surface	1.0	1	26.1	8.1	27.1	6.9	98.5	3.4	5.3	6.8	4.4	4.7
								2	26.1	8.1	27.1	6.8	98.1	3.4	5.5			
							4.4	1	25.8	8.1	27.1	6.8	96.7	4.8	4.4			
								2	25.8	8.1	27.1	6.7	96.6	4.8	4.3			
							7.7	1	25.7	8.1	27.0	6.7	96.3	5.0	4.6			
								2	25.7	8.1	27.0	6.8	96.4	5.0	4.3			
7/5/2018	Cloudy	Moderate	06:15	YSI ProDSS (S/N: 16H104234;17E100747)	8.8	Surface	1.0	1	26.2	8.1	28.1	7.7	111.9	2.7	4.3	7.5	3.3	4.5
								2	26.2	8.1	28.1	7.7	111.9	2.7	4.8			
							4.4	1	26.0	8.0	28.6	7.2	104.7	3.3	4.3			
								2	26.0	8.0	28.6	7.2	104.4	3.3	4.3			
							7.8	1	25.7	8.0	29.1	6.7	96.1	4.0	4.6			
								2	25.7	8.0	29.1	6.7	96.6	4.0	4.6			
9/5/2018	Cloudy	Calm	12:07	YSI ProDSS (S/N: 17H105557;17E100747)	8.9	Surface	1.0	1	26.4	8.1	23.0	7.4	104.4	1.3	3.9	6.8	4.8	6.2
								2	26.4	8.1	23.0	7.4	103.9	1.3	3.4			
							4.5	1	26.1	8.0	26.7	6.2	89.5	5.2	3.1			
								2	26.1	8.0	26.7	6.2	89.4	5.2	3.9			
							7.9	1	25.9	8.0	28.7	6.2	89.4	7.8	10.9			
								2	25.9	8.0	28.7	6.2	89.1	7.8	12.1			
11/5/2018	Cloudy	Calm	14:35	YSI ProDSS (S/N: 16H104234;17E100747)	8.7	Surface	1.0	1	25.4	8.0	27.6	6.7	95.3	1.9	4.4	6.7	5.2	5.2
								2	25.4	8.0	27.6	6.7	94.9	1.9	4.8			
							4.4	1	25.3	8.0	27.7	6.6	93.9	2.6	6.0			
								2	25.3	8.0	27.7	6.6	94.1	2.6	5.0			
							7.7	1	24.9	8.0	29.4	6.1	86.4	11.0	5.2			
								2	24.9	8.0	29.4	6.1	86.5	10.9	5.5			
13/5/2018	Fine	Calm	16:19	YSI ProDSS (S/N: 16H104234;17E100747)	8.4	Surface	1.0	1	27.4	8.2	22.3	9.9	141.1	4.3	12.1	8.6	12.5	12.7
								2	27.4	8.2	22.3	9.8	141.0	4.3	13.1			
							4.2	1	26.2	8.2	24.6	7.3	104.0	10.3	13.0			
								2	26.2	8.2	24.6	7.3	104.4	10.2	11.5			
							7.4	1	25.6	8.0	27.5	6.2	88.2	23.0	13.9			
								2	25.6	8.0	27.5	6.1	87.9	22.8	12.3			
16/5/2018	Fine	Calm	07:33	YSI ProDSS (S/N: 16H104234;17E100747)	9.5	Surface	1.0	1	27.5	8.1	22.1	6.8	97.6	3.9	10.5	6.8	5.9	11.0
								2	27.5	8.1	22.1	6.8	97.4	3.9	10.4			
							4.8	1	27.5	8.0	22.1	6.8	97.2	3.7	9.4			
								2	27.5	8.0	22.1	6.7	96.7	3.7	10.3			
							8.5	1	27.0	8.0	24.3	6.0	86.9	10.1	12.8			
								2	27.0	8.0	24.3	6.0	86.9	10.1	12.8			
18/5/2018	Sunny	Calm	08:45	YSI ProDSS (S/N: 16H104234;17E100747)	8.5	Surface	1.0	1	27.9	8.0	22.1	6.2	89.2	2.5	5.9	6.2	3.0	5.2
								2	27.9	8.0	22.1	6.2	89.1	2.5	4.4			
							4.3	1	27.9	7.9	22.2	6.1	87.7	3.0	5.1			
								2	27.9	7.9	22.2	6.1	87.9	3.0	5.5			
							7.5	1	27.8	7.9	22.5	6.0	86.5	3.6	5.4			
								2	27.8	7.9	22.5	6.0	86.4	3.6	4.9			
21/5/2018	Sunny	Calm	10:59	YSI ProDSS (S/N: 16H104234;17E100747)	8.5	Surface	1.0	1	29.5	8.1	20.9	7.3	107.0	4.2	5.6	6.6	5.7	6.8
								2	29.5	8.1	20.9	7.2	106.5	4.2	5.9			
							4.3	1	27.9	7.9	22.0	6.0	86.6	6.6	6.1			
								2	27.9	7.9	22.0	6.0	87.0	6.6	4.0			
							7.5	1	28.0	7.9	24.1	5.3	78.0	6.4	9.1			
								2	28.0	7.9	24.1	5.3	77.7	6.4	10.2			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM2a
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)
25/4/2018	Cloudy	Moderate	10:16	YSI ProDSS (S/N: 16H104233;16 H104234)	7.6	Surface	1.0	1	24.3	7.9	27.3	6.4	88.9	2.3	3.6	6.2	3.6	4.4
								2	24.3	7.9	27.3	6.4	88.8	2.3	3.8			
							3.8	1	24.0	7.9	29.3	5.9	83.1	2.6	3.8			
								2	24.0	7.9	29.3	5.9	83.3	2.6	3.9			
							6.6	1	23.8	7.9	30.3	5.8	81.8	5.9	5.7			
								2	23.8	7.9	30.3	5.8	81.5	5.9	5.6			
27/4/2018	Cloudy	Moderate	11:18	YSI ProDSS (S/N: 17H105557;16 H104234)	7.6	Surface	1.0	1	24.0	8.0	28.9	6.2	86.7	2.8	2.6	6.1	4.6	2.9
								2	24.0	8.0	28.9	6.1	86.3	2.8	3.0			
							3.8	1	23.9	8.0	29.2	6.1	85.8	5.6	2.2			
								2	23.9	8.0	29.2	6.1	85.5	5.6	3.3			
							6.6	1	23.8	8.0	29.5	6.2	86.3	5.4	3.1			
								2	23.8	8.0	29.5	6.1	86.0	5.4	3.2			
30/4/2018	Cloudy	Moderate	12:36	YSI ProDSS (S/N: 16H104234;17 H105557)	6.6	Surface	1.0	1	25.1	8.1	28.6	6.8	96.8	2.2	3.7	6.8	2.4	5.7
								2	25.1	8.1	28.6	6.9	96.9	2.2	3.6			
							3.3	1	24.9	8.1	28.8	6.7	95.2	2.6	4.3			
								2	24.9	8.1	28.8	6.8	95.6	2.6	4.5			
							5.6	1	25.0	8.1	28.7	6.7	94.9	2.4	9.3			
								2	25.0	8.1	28.7	6.7	94.8	2.4	8.5			
2/5/2018	Sunny	Moderate	13:41	YSI ProDSS (S/N: 16H104234;17 E100747)	7	Surface	1.0	1	26.4	8.0	27.1	7.7	110.5	5.1	4.0	7.5	6.6	5.3
								2	26.4	8.0	27.1	7.7	110.1	5.1	4.6			
							3.5	1	25.5	8.0	28.2	7.2	103.3	7.3	6.7			
								2	25.5	8.0	28.2	7.3	103.4	7.3	5.1			
							6.0	1	25.5	8.0	28.3	7.0	100.3	7.3	5.9			
								2	25.5	8.0	28.3	7.0	100.0	7.2	5.6			
4/5/2018	Cloudy	Moderate	15:16	YSI ProDSS (S/N: 16H104234;17 E100747)	7.9	Surface	1.0	1	25.8	8.1	27.4	7.4	105.9	5.7	5.3	7.1	4.2	5.3
								2	25.8	8.1	27.4	7.4	106.0	5.7	5.5			
							4.0	1	25.4	8.1	28.8	6.7	96.2	4.3	4.5			
								2	25.4	8.1	28.8	6.7	95.8	4.3	4.8			
							6.9	1	25.3	8.1	29.3	6.7	96.9	2.7	6.5			
								2	25.3	8.1	29.3	6.8	97.1	2.7	5.0			
7/5/2018	Cloudy	Moderate	17:16	YSI ProDSS (S/N: 16H104234;17 E100747)	7.8	Surface	1.0	1	26.9	8.2	25.5	9.6	139.0	3.1	4.0	9.3	4.0	5.1
								2	26.9	8.2	25.5	9.6	138.9	3.1	5.6			
							3.9	1	26.7	8.1	26.2	9.0	130.8	4.2	4.1			
								2	26.7	8.1	26.2	9.0	130.4	4.2	5.3			
							6.8	1	26.5	8.1	27.2	8.6	124.6	4.8	5.5			
								2	26.5	8.1	27.2	8.7	125.1	4.8	6.1			
9/5/2018	Rainy	Moderate	08:50	YSI ProDSS (S/N: 17H105557;17 E100747)	7	Surface	1.0	1	26.3	7.6	23.8	7.1	101.0	1.0	4.3	6.9	2.0	5.1
								2	26.3	7.6	23.8	7.1	101.1	1.0	4.5			
							3.5	1	25.8	7.6	26.5	6.7	95.5	1.7	6.1			
								2	25.8	7.6	26.5	6.7	96.0	1.7	4.6			
							6.0	1	25.5	7.6	29.6	6.2	88.7	3.2	5.1			
								2	25.5	7.6	29.6	6.1	88.5	3.2	6.2			
11/5/2018	Cloudy	Moderate	10:42	YSI ProDSS (S/N: 16H104234;17 E100747)	8	Surface	1.0	1	24.9	8.0	28.8	6.5	92.0	2.2	7.3	6.5	2.5	7.0
								2	24.9	8.0	28.8	6.5	91.9	2.2	7.0			
							4.0	1	24.9	8.0	29.7	6.5	91.9	2.1	6.0			
								2	24.9	8.0	29.7	6.5	92.3	2.1	7.0			
							7.0	1	24.8	8.0	30.7	6.4	91.8	3.2	7.3			
								2	24.8	8.0	30.7	6.4	92.1	3.2	7.6			
13/5/2018	Fine	Calm	11:54	YSI ProDSS (S/N: 16H104234;17 E100747)	7.9	Surface	1.0	1	27.3	8.2	21.8	8.7	124.4	2.9	7.0	8.1	3.5	10.4
								2	27.3	8.2	21.8	8.8	125.0	2.9	7.6			
							4.0	1	26.5	8.1	24.1	7.5	106.5	3.5	8.3			
								2	26.5	8.1	24.1	7.5	106.8	3.5	10.3			
							6.9	1	26.1	8.1	25.7	7.0	100.4	4.2	15.2			
								2	26.1	8.1	25.7	7.1	100.8	4.2	14.0			
16/5/2018	Fine	Calm	13:07	YSI ProDSS (S/N: 16H104234;17 E100747)	7.7	Surface	1.0	1	27.8	8.0	22.1	7.1	101.7	9.9	8.3	6.9	11.4	10.1
								2	27.8	8.0	22.1	7.1	101.5	10.0	8.2			
							3.9	1	27.0	8.0	23.3	6.7	95.2	11.8	7.2			
								2	27.0	8.0	23.3	6.7	94.7	11.8	7.4			
							6.7	1	26.8	8.0	23.5	6.6	94.4	12.3	15.3			
								2	26.8	8.0	23.5	6.6	94.7	12.4	14.3			
18/5/2018	Fine	Moderate	14:33	YSI ProDSS (S/N: 16H104234;17 E100747)	7.9	Surface	1.0	1	28.2	7.9	22.1	6.3	91.2	4.6	2.9	6.1	5.7	5.0
								2	28.2	7.9	22.1	6.4	91.3	4.6	4.0			
							4.0	1	27.4	7.9	23.5	5.9	84.2	6.0	7.0			
								2	27.4	7.9	23.5	5.9	84.0	6.0	5.6			
							6.9	1	27.2	7.9	24.1	5.8	83.9	6.6	5.7			
								2	27.2	7.9	24.1	5.8	83.5	6.6	5.0			
21/5/2018	Sunny	Moderate	17:22	YSI ProDSS (S/N: 16H104234;17 E100747)	6.8	Surface	1.0	1	29.5	8.3	20.4	9.7	141.9	3.5	4.4	8.0	4.5	5.8
								2	29.5	8.3	20.4	9.8	142.2	3.5	4.2			
							3.4	1	28.5	8.0	22.2	6.3	91.3	5.8	7.0			
								2	28.5	8.0	22.2	6.3	91.0	5.8	6.2			
							5.8	1	28.5	8.0	22.3	6.7	97.9	4.1	7.3			
								2	28.5	8.0	22.3	6.8	98.2	4.1	5.7			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM2a
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)
25/4/2018	Rainy	Moderate	14:48	YSI ProDSS (S/N: 16H104233;16 H104234)	7.4	Surface	1.0	1	24.4	8.0	26.9	6.6	92.4	2.5	4.4	6.4	3.5	4.2
								2	24.4	8.0	26.9	6.6	92.0	2.5	4.3			
							3.7	1	24.1	8.0	28.5	6.2	86.2	4.2	3.5			
								2	24.1	8.0	28.5	6.1	85.9	4.2	3.8			
							6.4	1	24.1	8.0	28.7	6.2	87.3	3.8	5.3			
								2	24.1	8.0	28.7	6.2	87.1	3.8	4.0			
27/4/2018	Misty	Calm	17:02	YSI ProDSS (S/N: 17H105557;16 H104234)	7.4	Surface	1.0	1	24.5	8.0	28.9	6.5	91.9	2.8	<0.5	6.5	4.6	4.4
								2	24.5	8.0	28.9	6.5	92.2	2.8	0.9			
							3.7	1	24.1	8.0	29.2	6.4	89.4	5.0	<0.5			
								2	24.1	8.0	29.2	6.4	89.8	5.0	<0.5			
							6.4	1	24.1	8.0	29.2	6.4	90.5	5.9	6.2			
								2	24.1	8.0	29.2	6.4	90.5	6.0	6.0			
30/4/2018	Fine	Moderate	06:25	YSI ProDSS (S/N: 16H104234;17 H105557)	6.2	Surface	1.0	1	24.7	8.1	27.9	6.4	90.4	5.2	4.4	6.4	4.0	5.2
								2	24.7	8.1	27.9	6.4	90.4	5.2	3.5			
							3.1	1	24.7	8.1	28.2	6.4	90.6	3.8	5.3			
								2	24.7	8.1	28.2	6.4	90.9	3.8	5.9			
							5.2	1	24.7	8.1	28.4	6.4	90.2	3.0	6.1			
								2	24.7	8.1	28.4	6.4	90.0	3.0	6.2			
2/5/2018	Sunny	Calm	07:27	YSI ProDSS (S/N: 16H104234;17 E100747)	6.8	Surface	1.0	1	25.5	7.9	26.7	6.5	92.0	3.0	5.0	6.5	3.8	5.0
								2	25.5	7.9	26.7	6.5	91.9	3.0	4.9			
							3.4	1	25.5	7.9	27.1	6.5	91.9	3.7	6.0			
								2	25.5	7.9	27.1	6.5	92.3	3.7	5.0			
							5.8	1	25.5	7.9	27.5	6.4	91.8	4.6	4.6			
								2	25.5	7.9	27.5	6.4	91.8	4.6	4.4			
4/5/2018	Cloudy	Moderate	08:05	YSI ProDSS (S/N: 16H104234;17 E100747)	6.8	Surface	1.0	1	25.5	8.1	27.7	6.5	93.4	2.2	4.5	6.5	3.2	4.7
								2	25.5	8.1	27.7	6.6	93.7	2.2	3.9			
							3.4	1	25.5	8.1	27.9	6.4	92.0	2.9	4.8			
								2	25.5	8.1	27.9	6.5	92.4	2.9	5.8			
							5.8	1	25.4	8.1	28.4	6.4	91.0	4.4	4.7			
								2	25.4	8.1	28.4	6.3	90.9	4.4	4.7			
7/5/2018	Cloudy	Moderate	05:19	YSI ProDSS (S/N: 16H104234;17 E100747)	6.9	Surface	1.0	1	26.2	8.0	27.0	7.2	104.3	2.9	4.5	7.0	3.5	5.7
								2	26.2	8.0	27.0	7.3	104.8	2.9	3.0			
							3.5	1	25.9	8.0	28.0	6.8	98.2	2.3	5.1			
								2	25.9	8.0	28.0	6.8	98.0	2.3	5.2			
							5.9	1	25.5	8.0	29.2	6.4	92.0	5.3	7.2			
								2	25.5	8.0	29.2	6.4	91.7	5.3	8.9			
9/5/2018	Rainy	Moderate	13:14	YSI ProDSS (S/N: 17H105557;17 E100747)	8.1	Surface	1.0	1	26.2	8.0	25.0	7.3	103.4	4.9	5.2	7.0	6.3	5.9
								2	26.2	8.0	25.0	7.2	103.0	4.9	5.4			
							4.1	1	26.0	8.0	26.1	6.8	96.4	6.6	4.8			
								2	26.0	8.0	26.1	6.8	96.5	6.6	5.7			
							7.1	1	25.7	8.0	28.8	6.3	90.1	7.4	7.7			
								2	25.7	8.0	28.8	6.3	90.2	7.4	6.5			
11/5/2018	Cloudy	Moderate	15:45	YSI ProDSS (S/N: 16H104234;17 E100747)	8.9	Surface	1.0	1	25.4	8.1	27.0	7.0	100.0	2.1	6.9	6.9	5.6	7.7
								2	25.4	8.1	27.0	7.1	100.4	2.1	6.3			
							4.5	1	25.4	8.0	28.2	6.7	95.1	3.7	7.0			
								2	25.4	8.0	28.2	6.7	95.2	3.7	7.2			
							7.9	1	25.3	8.0	28.5	6.5	93.5	10.9	9.2			
								2	25.3	8.0	28.5	6.5	93.1	10.9	9.5			
13/5/2018	Fine	Calm	17:34	YSI ProDSS (S/N: 16H104234;17 E100747)	7.7	Surface	1.0	1	27.5	8.3	20.6	10.1	143.4	4.4	8.0	8.7	6.8	10.5
								2	27.5	8.3	20.6	10.1	143.5	4.4	7.2			
							3.9	1	26.3	8.0	24.0	7.2	101.8	5.6	9.5			
								2	26.3	8.0	24.0	7.2	102.0	5.6	11.2			
							6.7	1	25.8	8.0	26.1	6.5	92.5	10.4	12.8			
								2	25.8	8.0	26.1	6.5	92.7	10.3	14.1			
16/5/2018	Fine	Calm	06:35	YSI ProDSS (S/N: 16H104234;17 E100747)	7.9	Surface	1.0	1	27.1	8.0	22.0	6.3	89.9	5.1	5.0	6.3	10.0	7.6
								2	27.1	8.0	22.0	6.3	89.7	5.1	5.4			
							4.0	1	27.0	8.0	22.5	6.2	88.8	7.6	7.0			
								2	27.0	8.0	22.5	6.2	88.6	7.7	7.7			
							6.9	1	26.8	8.0	23.8	6.0	85.3	17.1	9.6			
								2	26.8	8.0	23.8	6.0	85.6	17.1	10.6			
18/5/2018	Sunny	Calm	07:51	YSI ProDSS (S/N: 16H104234;17 E100747)	7.5	Surface	1.0	1	27.5	7.9	21.0	6.0	84.6	5.9	4.3	5.9	6.5	3.7
								2	27.5	7.9	21.0	5.9	84.7	6.0	2.4			
							3.8	1	27.4	7.9	22.6	5.9	84.2	6.5	4.3			
								2	27.4	7.9	22.6	5.9	84.2	6.5	3.5			
							6.5	1	27.4	7.9	22.7	5.9	84.2	6.9	4.4			
								2	27.4	7.9	22.7	5.8	83.8	6.9	3.1			
21/5/2018	Sunny	Calm	10:07	YSI ProDSS (S/N: 16H104234;17 E100747)	7.3	Surface	1.0	1	28.7	8.0	20.5	6.5	93.5	4.2	5.7	6.5	6.0	5.3
								2	28.7	8.0	20.5	6.5	93.9	4.2	4.4			
							3.7	1	28.5	8.0	21.4	6.4	92.6	5.6	5.7			
								2	28.5	8.0	21.4	6.4	92.6	5.6	5.8			
							6.3	1	28.2	7.9	22.5	5.9	85.4	8.1	4.7			
								2	28.2	7.9	22.5	5.9	85.5	8.1	5.4			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM2b
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Moderate	09:44	YSI 6920 (S/N: 000109DF;0001C6A7)	11.7	Surface	1.0	1	24.3	8.0	27.7	6.7	93.6	7.8	2.2	6.6	9.1	5.6	
								2	24.3	8.0	27.7	6.7	93.8	7.8	3.7				
							Middle	5.9	1	24.3	8.0	29.0	6.5	91.0	10.7				4.3
									2	24.3	8.0	29.0	6.4	90.6	10.8				4.8
							Bottom	10.7	1	23.7	8.0	32.0	6.4	90.6	8.8				9.0
									2	23.7	8.0	32.0	6.4	90.6	8.8				9.7
27/4/2018	Cloudy	Calm	10:35	YSI ProDSS (S/N: 16H104233;17E100747)	11.1	Surface	1.0	1	24.0	8.0	27.8	6.3	87.8	3.0	4.4	6.2	3.6	6.4	
								2	24.0	8.0	27.8	6.3	87.4	3.0	3.8				
							Middle	5.6	1	23.8	8.0	28.1	6.1	85.4	3.6				6.5
									2	23.8	8.0	28.1	6.1	85.0	3.6				6.6
							Bottom	10.1	1	23.6	8.0	29.6	6.1	85.5	4.1				8.8
									2	23.6	8.0	29.6	6.1	85.3	4.1				8.1
30/4/2018	Fine	Moderate	13:29	YSI ProDSS (S/N: 16H104233;17E100747)	10.3	Surface	1.0	1	25.7	8.0	25.8	6.7	95.0	7.4	7.0	6.7	11.4	6.3	
								2	25.7	8.0	25.8	6.8	95.1	7.5	6.4				
							Middle	5.2	1	25.4	8.0	26.8	6.6	93.7	11.4				6.6
									2	25.4	8.0	26.8	6.6	93.3	11.5				5.5
							Bottom	9.3	1	25.4	8.0	26.9	6.6	93.2	15.4				5.9
									2	25.4	8.0	26.9	6.6	92.8	15.4				6.6
2/5/2018	Sunny	Moderate	14:23	YSI ProDSS (S/N: 16H104233;17H105557)	11.2	Surface	1.0	1	26.9	8.0	24.6	6.9	98.8	4.9	6.4	6.9	7.6	8.1	
								2	26.9	8.0	24.6	7.0	98.8	4.9	6.8				
							Middle	5.6	1	26.4	8.0	25.2	6.8	97.7	7.0				8.1
									2	26.4	8.0	25.2	6.9	97.6	7.1				8.3
							Bottom	10.2	1	26.3	8.0	25.4	6.8	97.3	10.7				9.0
									2	26.3	8.0	25.4	6.8	97.2	10.8				9.9
4/5/2018	Cloudy	Moderate	15:45	YSI ProDSS (S/N: 16H104233;17H105557)	10.5	Surface	1.0	1	26.3	8.1	26.0	6.8	97.2	2.6	4.8	6.7	7.4	4.8	
								2	26.3	8.1	26.0	6.9	97.0	2.6	4.7				
							Middle	5.3	1	26.0	8.1	26.6	6.6	94.4	8.4				3.4
									2	26.0	8.1	26.6	6.6	94.5	8.5				3.3
							Bottom	9.5	1	26.0	8.1	26.7	6.6	95.2	11.3				6.8
									2	26.0	8.1	26.7	6.7	95.2	11.2				5.7
7/5/2018	Cloudy	Moderate	17:56	YSI ProDSS (S/N: 16H104233;17H105557)	10.4	Surface	1.0	1	27.7	7.8	22.5	7.4	107.1	3.9	3.0	7.3	7.9	6.5	
								2	27.7	7.8	22.5	7.4	106.8	3.9	3.6				
							Middle	5.2	1	27.3	7.8	24.1	7.2	104.0	9.1				7.5
									2	27.3	7.8	24.1	7.2	104.3	9.1				6.5
							Bottom	9.4	1	27.1	7.8	24.7	7.0	100.7	10.6				8.7
									2	27.1	7.8	24.7	7.0	101.2	10.7				9.7
9/5/2018	Rainy	Moderate	08:15	YSI ProDSS (S/N: 16H104233;16H104234)	10.9	Surface	1.0	1	26.8	7.8	23.4	6.6	94.3	4.5	3.7	6.2	6.0	5.1	
								2	26.8	7.8	23.4	6.6	93.9	4.5	4.4				
							Middle	5.5	1	25.8	7.8	29.7	5.7	83.3	6.7				4.4
									2	25.8	7.8	29.7	5.7	83.1	6.7				5.2
							Bottom	9.9	1	25.3	7.8	31.4	5.7	82.2	6.8				6.3
									2	25.3	7.8	31.4	5.6	82.2	6.7				6.3
11/5/2018	Cloudy	Moderate	10:25	YSI ProDSS (S/N: 16H104233;17H105557)	10.9	Surface	1.0	1	25.1	7.8	28.1	6.7	95.0	2.1	4.0	6.6	1.8	6.1	
								2	25.1	7.8	28.1	6.7	95.0	2.1	3.6				
							Middle	5.5	1	25.0	7.8	29.3	6.4	91.5	1.5				5.1
									2	25.0	7.8	29.3	6.4	91.9	1.5				5.9
							Bottom	9.9	1	25.0	7.7	29.7	6.3	90.3	1.9				8.6
									2	25.0	7.7	29.7	6.3	90.2	1.9				9.2
13/5/2018	Sunny	Moderate	11:15	YSI 6920 (S/N: 000109DF;0001C6A7)	10.8	Surface	1.0	1	26.9	8.2	18.0	7.5	104.3	10.8	9.3	7.1	14.3	9.1	
								2	26.9	8.2	18.0	7.3	104.1	10.8	9.6				
							Middle	5.4	1	26.2	8.1	23.1	6.8	95.1	15.2				9.4
									2	26.2	8.1	23.1	6.7	94.7	15.2				7.1
							Bottom	9.8	1	26.1	8.1	23.7	6.8	95.5	16.8				9.9
									2	26.1	8.1	23.7	6.6	95.2	16.9				9.0
16/5/2018	Sunny	Moderate	13:36	YSI 6920 (S/N: 00019CB2;000109DF)	10.2	Surface	1.0	1	27.8	8.2	21.3	6.9	99.4	15.2	8.8	6.8	19.2	9.3	
								2	27.8	8.2	21.3	7.0	99.1	15.1	8.7				
							Middle	5.1	1	27.2	8.2	22.9	6.7	96.2	19.5				8.0
									2	27.2	8.2	22.9	6.7	96.3	19.6				8.7
							Bottom	9.2	1	27.1	8.2	23.1	6.7	96.2	22.8				10.8
									2	27.1	8.2	23.1	6.7	96.3	22.8				10.7
18/5/2018	Sunny	Moderate	15:02	YSI 6920 (S/N: 000109DF;0001C6A7)	11.2	Surface	1.0	1	28.5	8.1	20.8	6.7	97.4	16.0	9.5	6.6	24.8	8.8	
								2	28.5	8.1	20.8	6.8	97.1	16.1	9.6				
							Middle	5.6	1	27.8	8.1	22.1	6.4	92.5	28.0				7.6
									2	27.8	8.1	22.1	6.4	92.3	28.2				7.5
							Bottom	10.2	1	27.8	8.1	22.2	6.5	93.3	30.2				10.1
									2	27.8	8.1	22.2	6.5	93.6	30.4				8.7
21/5/2018	Sunny	Moderate	17:45	YSI ProDSS (S/N: 16H104233;17H105557)	11.4	Surface	1.0	1	29.4	8.0	19.2	7.4	107.5	4.4	4.7	6.6	8.5	4.2	
								2	29.4	8.0	19.2	7.5	107.6	4.4	3.2				
							Middle	5.7	1	28.1	7.9	22.2	5.7	82.6	9.9				4.6
									2	28.1	7.9	22.2	5.7	82.4	9.8				4.5
							Bottom	10.4	1	28.0	7.9	22.4	5.7	82.9	11.1				3.7
									2	28.0	7.9	22.4	5.7	82.8	11.1				4.3

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM2b
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Moderate	15:35	YSI 6920 (S/N: 000109DF;0001C6A7)	11.2	Surface	1.0	1	24.2	8.0	28.2	6.9	96.7	7.5	4.4	6.8	8.8	12.0	
								2	24.2	8.0	28.2	6.9	96.4	7.5	4.1				
							Middle	5.6	1	24.1	8.0	29.3	6.7	94.1	8.6				8.3
									2	24.1	8.0	29.3	6.7	93.6	8.6				9.5
							Bottom	10.2	1	23.7	8.0	32.0	6.6	93.6	10.3				22.3
									2	23.7	8.0	32.0	6.6	93.3	10.4				23.5
27/4/2018	Cloudy	Moderate	17:44	YSI ProDSS (S/N: 16H104233;17E100747)	11.2	Surface	1.0	1	24.2	8.1	27.7	6.5	90.8	5.2	11.2	6.5	7.7	11.8	
								2	24.2	8.1	27.7	6.5	91.2	5.2	11.3				
							Middle	5.6	1	24.1	8.1	27.8	6.4	89.6	9.4				10.4
									2	24.1	8.1	27.8	6.4	89.2	9.4				9.7
							Bottom	10.2	1	24.1	8.1	27.8	6.5	90.3	8.6				14.7
									2	24.1	8.1	27.8	6.4	90.0	8.5				13.6
30/4/2018	Cloudy	Moderate	06:16	YSI ProDSS (S/N: 16H104233;17E100747)	10.5	Surface	1.0	1	25.2	8.0	26.0	6.3	88.4	4.7	5.2	6.3	10.9	7.7	
								2	25.2	8.0	26.0	6.3	88.3	4.7	4.8				
							Middle	5.3	1	25.1	8.0	26.3	6.3	88.5	5.6				8.9
									2	25.1	8.0	26.3	6.3	88.9	5.6				9.2
							Bottom	9.5	1	25.1	8.0	26.9	6.2	87.6	22.4				8.3
									2	25.1	8.0	26.9	6.2	87.3	22.2				9.6
2/5/2018	Sunny	Moderate	07:12	YSI ProDSS (S/N: 16H104233;17H105557)	11	Surface	1.0	1	26.0	7.9	24.7	6.3	88.9	2.8	5.2	6.3	7.5	5.5	
								2	26.0	7.9	24.7	6.3	89.1	2.8	4.0				
							Middle	5.5	1	25.9	8.0	25.4	6.2	88.4	8.5				6.3
									2	25.9	8.0	25.4	6.2	88.2	8.5				4.9
							Bottom	10.0	1	25.7	8.0	26.7	6.2	88.0	11.2				6.4
									2	25.7	8.0	26.7	6.2	88.2	11.2				6.1
4/5/2018	Cloudy	Moderate	07:57	YSI ProDSS (S/N: 16H104233;17H105557)	10.6	Surface	1.0	1	25.6	8.0	25.7	7.5	105.7	2.1	3.8	7.3	3.3	5.3	
								2	25.6	8.0	25.7	7.5	105.9	2.1	5.0				
							Middle	5.3	1	25.6	8.0	26.5	7.1	100.9	3.2				6.6
									2	25.6	8.0	26.5	7.1	101.3	3.2				4.9
							Bottom	9.6	1	25.5	8.0	27.1	6.9	98.8	4.5				5.5
									2	25.5	8.0	27.1	6.9	98.6	4.5				5.7
7/5/2018	Rainy	Moderate	04:50	YSI ProDSS (S/N: 16H104233;17H105557)	10.7	Surface	1.0	1	26.7	7.9	25.0	6.6	96.1	7.0	2.2	6.8	6.9	4.1	
								2	26.7	7.9	25.0	6.7	95.9	7.1	2.7				
							Middle	5.4	1	26.7	7.9	25.6	7.0	99.4	6.3				5.8
									2	26.7	7.9	25.6	6.9	99.3	6.3				4.4
							Bottom	9.7	1	26.7	7.9	25.9	7.0	101.1	7.2				4.8
									2	26.7	7.9	25.9	7.0	101.6	7.3				4.7
9/5/2018	Rainy	Moderate	14:02	YSI ProDSS (S/N: 16H104233;16H104234)	11.2	Surface	1.0	1	26.6	7.8	24.2	6.8	97.6	7.0	4.3	6.4	6.6	5.0	
								2	26.6	7.8	24.2	6.9	97.8	6.9	4.4				
							Middle	5.6	1	25.9	7.8	28.8	6.0	86.4	7.9				4.8
									2	25.9	7.8	28.8	6.0	86.7	7.9				4.7
							Bottom	10.2	1	25.4	7.9	31.2	6.0	87.1	4.9				6.1
									2	25.4	7.9	31.2	6.0	87.4	4.9				5.6
11/5/2018	Sunny	Moderate	16:30	YSI ProDSS (S/N: 16H104233;17H105557)	11.3	Surface	1.0	1	25.6	7.8	27.3	6.9	97.8	3.6	9.9	6.7	5.1	9.2	
								2	25.6	7.8	27.3	6.9	98.2	3.6	9.0				
							Middle	5.7	1	25.2	7.8	28.8	6.4	92.0	5.5				8.7
									2	25.2	7.8	28.8	6.4	92.0	5.5				9.7
							Bottom	10.3	1	25.1	7.8	29.6	6.1	87.8	6.1				8.8
									2	25.1	7.8	29.6	6.1	87.6	6.1				9.3
13/5/2018	Sunny	Moderate	18:08	YSI 6920 (S/N: 000109DF;0001C6A7)	11.2	Surface	1.0	1	26.7	8.2	22.6	7.5	105.6	13.0	6.6	7.1	19.9	9.5	
								2	26.7	8.2	22.6	7.4	105.4	13.0	7.9				
							Middle	5.6	1	26.0	8.2	24.9	6.7	95.6	23.2				9.7
									2	26.0	8.2	24.9	6.7	95.3	23.3				8.2
							Bottom	10.2	1	25.8	8.1	27.4	6.9	99.3	23.6				11.6
									2	25.8	8.1	27.4	6.9	99.4	23.5				12.9
16/5/2018	Cloudy	Calm	06:26	YSI 6920 (S/N: 00019CB2;000109DF)	10.8	Surface	1.0	1	27.1	8.1	22.1	6.6	93.5	13.0	7.8	6.5	18.4	7.5	
								2	27.1	8.1	22.1	6.6	93.8	13.0	6.9				
							Middle	5.4	1	26.9	8.1	24.0	6.5	92.5	20.2				7.2
									2	26.9	8.1	24.0	6.4	92.4	20.1				7.7
							Bottom	9.8	1	26.8	8.1	24.4	6.5	92.6	22.1				8.2
									2	26.8	8.1	24.4	6.5	92.5	22.1				7.0
18/5/2018	Fine	Moderate	07:32	YSI 6920 (S/N: 000109DF;0001C6A7)	10.6	Surface	1.0	1	27.5	8.1	22.2	6.3	90.2	16.9	3.6	6.3	20.7	4.2	
								2	27.5	8.1	22.2	6.3	90.4	17.1	3.9				
							Middle	5.3	1	27.3	8.1	23.6	6.2	88.6	17.4				3.2
									2	27.3	8.1	23.6	6.2	88.8	17.5				4.7
							Bottom	9.6	1	27.2	8.1	24.5	6.1	88.5	27.5				5.8
									2	27.2	8.1	24.5	6.1	88.4	27.5				4.0
21/5/2018	Fine	Moderate	10:10	YSI ProDSS (S/N: 16H104233;17H105557)	10.7	Surface	1.0	1	28.4	8.0	20.1	5.9	84.7	4.5	5.9	5.6	9.9	5.8	
								2	28.4	8.0	20.1	5.9	84.4	4.5	5.6				
							Middle	5.4	1	27.2	8.0	25.5	5.2	75.5	9.7				5.9
									2	27.2	8.0	25.5	5.2	75.4	9.8				4.4
							Bottom	9.7	1	26.5	8.0	28.4	5.1	74.2	15.3				6.0
									2	26.5	8.0	28.4	5.1	74.0	15.3				7.0

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM3A
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Calm	10:44	YSI ProDSS (S/N: 16H104233;16H104234)	3.7	Surface	1.0	1	24.6	7.9	26.4	6.3	87.3	4.8	4.8	6.3	5.2	5.9	
								2	24.6	7.9	26.4	6.2	87.6	4.8	4.2				
							Bottom	2.7	1	24.6	7.9	26.6	6.3	88.7	5.5				6.8
									2	24.6	7.9	26.6	6.3	88.5	5.5				7.7
27/4/2018	Cloudy	Calm	11:43	YSI ProDSS (S/N: 17H105557;16H104234)	3.4	Surface	1.0	1	24.0	7.9	28.6	5.9	82.1	4.1	4.0	5.9	4.3	3.7	
								2	24.0	7.9	28.6	5.8	82.3	4.1	3.6				
							Bottom	2.4	1	24.0	7.9	28.7	6.0	83.6	4.4				3.6
									2	24.0	7.9	28.7	5.9	83.6	4.4				3.7
30/4/2018	Cloudy	Calm	12:18	YSI ProDSS (S/N: 16H104234;17H105557)	4.2	Surface	1.0	1	25.2	8.1	28.5	6.6	94.5	3.4	4.6	6.7	3.2	4.5	
								2	25.2	8.1	28.5	6.7	94.3	3.4	3.2				
							Bottom	3.2	1	25.3	8.1	28.5	6.6	95.0	2.9				5.0
									2	25.3	8.1	28.5	6.7	95.2	2.9				5.1
2/5/2018	Sunny	Calm	13:24	YSI ProDSS (S/N: 16H104234;17E100747)	4	Surface	1.0	1	26.4	8.0	27.3	7.4	107.1	4.0	6.4	7.5	4.0	7.2	
								2	26.4	8.0	27.3	7.5	106.9	4.0	6.6				
							Bottom	3.0	1	26.4	8.0	27.4	7.4	106.9	4.0				7.8
									2	26.4	8.0	27.4	7.6	107.1	4.0				8.0
4/5/2018	Cloudy	Calm	14:55	YSI ProDSS (S/N: 16H104234;17E100747)	5	Surface	1.0	1	26.3	8.1	27.2	7.2	104.3	3.1	4.1	7.3	3.2	4.1	
								2	26.3	8.1	27.2	7.3	103.8	3.1	4.7				
							Bottom	4.0	1	26.3	8.1	27.3	7.2	104.2	3.2				3.7
									2	26.3	8.1	27.3	7.3	104.6	3.2				3.7
7/5/2018	Cloudy	Calm	16:55	YSI ProDSS (S/N: 16H104234;17E100747)	3.4	Surface	1.0	1	27.0	8.2	26.7	10.4	151.7	5.5	5.1	10.5	5.8	6.2	
								2	27.0	8.2	26.7	10.5	152.2	5.5	5.9				
							Bottom	2.4	1	27.0	8.2	26.9	9.9	145.0	6.0				6.0
									2	27.0	8.2	26.9	10.1	145.7	6.0				7.6
9/5/2018	Rainy	Moderate	09:11	YSI ProDSS (S/N: 17H105557;17E100747)	3.6	Surface	1.0	1	26.6	7.5	23.8	7.1	100.7	2.8	6.0	7.1	3.2	8.8	
								2	26.6	7.5	23.8	7.0	100.2	2.8	6.9				
							Bottom	2.6	1	26.6	7.5	23.9	7.0	100.1	3.6				10.8
									2	26.6	7.5	23.9	7.0	99.7	3.6				11.3
11/5/2018	Cloudy	Calm	11:08	YSI ProDSS (S/N: 16H104234;17E100747)	4.2	Surface	1.0	1	24.9	7.9	27.6	6.3	88.6	3.1	4.1	6.3	3.2	6.2	
								2	24.9	7.9	27.6	6.2	88.6	3.1	6.0				
							Bottom	3.2	1	24.9	8.0	27.8	6.3	89.6	3.3				7.8
									2	24.9	8.0	27.8	6.2	89.2	3.3				6.8
13/5/2018	Fine	Calm	12:19	YSI ProDSS (S/N: 16H104234;17E100747)	4.2	Surface	1.0	1	26.9	8.1	23.4	8.2	116.6	5.1	7.8	8.2	6.0	8.1	
								2	26.9	8.1	23.4	8.2	116.6	5.1	7.8				
							Bottom	3.2	1	26.7	8.1	24.0	7.9	112.4	7.0				8.8
									2	26.7	8.1	24.0	7.9	112.4	6.9				8.1
16/5/2018	Fine	Calm	12:42	YSI ProDSS (S/N: 16H104234;17E100747)	4.2	Surface	1.0	1	27.9	8.0	21.0	7.0	100.4	5.9	7.2	7.1	8.8	8.6	
								2	27.9	8.0	21.0	7.1	100.2	5.9	7.0				
							Bottom	3.2	1	27.8	8.0	21.0	6.8	97.0	11.7				10.6
									2	27.8	8.0	21.0	6.9	96.9	11.8				9.7
18/5/2018	Fine	Calm	14:11	YSI ProDSS (S/N: 16H104234;17E100747)	4.4	Surface	1.0	1	28.4	7.9	21.1	6.1	88.4	9.5	7.5	6.2	10.8	8.8	
								2	28.4	7.9	21.1	6.2	88.8	9.5	8.6				
							Bottom	3.4	1	28.4	7.9	21.2	6.2	89.5	12.1				9.4
									2	28.4	7.9	21.2	6.3	89.3	12.1				9.5
21/5/2018	Sunny	Calm	17:03	YSI ProDSS (S/N: 16H104234;17E100747)	3.3	Surface	1.0	1	29.9	8.1	19.8	8.2	120.5	4.5	3.8	8.3	4.6	6.2	
								2	29.9	8.1	19.8	8.4	120.8	4.5	5.6				
							Bottom	2.3	1	29.8	8.1	19.9	8.2	120.6	4.7				8.0
									2	29.8	8.1	19.9	8.4	120.9	4.7				7.4

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM3A
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Rainy	Calm	14:31	YSI ProDSS (S/N: 16H104233;16H104234)	3.7	Surface	1.0	1	24.4	8.0	27.9	5.9	82.9	7.2	11.4	5.9	7.0	11.9	
								2	24.4	8.0	27.9	5.9	83.0	7.2	12.6				
							Bottom	2.7	1	24.4	8.0	27.7	6.0	83.7	6.7	11.5			6.0
									2	24.4	8.0	27.7	5.9	83.3	6.7	12.1			
27/4/2018	Misty	Calm	16:37	YSI ProDSS (S/N: 17H105557;16H104234)	3.5	Surface	1.0	1	24.5	7.9	28.7	6.1	86.3	9.6	13.7	6.1	9.6	14.2	
								2	24.5	7.9	28.7	6.1	86.3	9.6	14.3				
							Bottom	2.5	1	24.5	7.9	28.7	6.3	88.1	9.6	13.7			6.3
									2	24.5	7.9	28.7	6.2	87.9	9.7	15.1			
30/4/2018	Fine	Calm	06:49	YSI ProDSS (S/N: 16H104234;17H105557)	3.5	Surface	1.0	1	24.6	8.1	28.9	6.2	88.2	4.2	7.8	6.2	4.2	9.2	
								2	24.6	8.1	28.9	6.2	88.0	4.2	6.5				
							Bottom	2.5	1	24.6	8.1	28.9	6.3	89.1	4.1	11.2			6.3
									2	24.6	8.1	28.9	6.3	89.5	4.1	11.1			
2/5/2018	Sunny	Calm	07:50	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	25.5	7.9	26.3	6.4	91.2	5.0	7.6	6.4	5.1	8.7	
								2	25.5	7.9	26.3	6.4	91.4	5.0	7.4				
							Bottom	2.9	1	25.5	7.9	26.4	6.4	91.2	5.1	10.1			6.4
									2	25.5	7.9	26.4	6.4	91.2	5.1	9.7			
4/5/2018	Cloudy	Moderate	08:29	YSI ProDSS (S/N: 16H104234;17E100747)	3.8	Surface	1.0	1	25.6	8.1	27.7	6.5	92.4	2.9	5.8	6.5	3.2	5.8	
								2	25.6	8.1	27.7	6.4	92.0	2.9	5.3				
							Bottom	2.8	1	25.7	8.1	27.8	6.2	89.0	3.4	6.1			6.2
									2	25.7	8.1	27.8	6.2	89.2	3.4	5.9			
7/5/2018	Cloudy	Moderate	05:11	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	26.4	8.1	26.9	7.8	112.8	3.4	6.7	7.8	3.7	6.3	
								2	26.4	8.1	26.9	7.8	112.8	3.4	5.1				
							Bottom	2.9	1	26.4	8.1	27.1	7.8	112.0	3.9	6.2			7.8
									2	26.4	8.1	27.1	7.7	111.8	3.9	7.1			
9/5/2018	Rainy	Moderate	12:53	YSI ProDSS (S/N: 17H105557;17E100747)	4	Surface	1.0	1	26.5	8.0	24.5	6.9	98.1	5.9	9.0	6.9	6.7	9.8	
								2	26.5	8.0	24.5	6.8	97.7	5.9	10.6				
							Bottom	3.0	1	26.5	8.0	25.2	6.4	92.2	7.5	9.8			6.4
									2	26.5	8.0	25.2	6.4	92.4	7.4	9.8			
11/5/2018	Cloudy	Moderate	15:22	YSI ProDSS (S/N: 16H104234;17E100747)	3.5	Surface	1.0	1	25.6	8.0	27.7	6.7	96.4	3.7	8.9	6.7	3.7	8.3	
								2	25.6	8.0	27.7	6.7	96.5	3.7	7.5				
							Bottom	2.5	1	25.6	8.0	27.8	6.8	96.8	3.7	8.4			6.8
									2	25.6	8.0	27.8	6.7	96.3	3.7	8.5			
13/5/2018	Fine	Calm	17:11	YSI ProDSS (S/N: 16H104234;17E100747)	3.4	Surface	1.0	1	27.4	8.2	20.4	9.0	127.1	10.8	17.1	9.0	10.7	24.0	
								2	27.4	8.2	20.4	9.0	127.7	10.7	18.4				
							Bottom	2.4	1	27.4	8.2	20.4	9.0	127.2	10.7	29.3			9.0
									2	27.4	8.2	20.4	9.0	127.0	10.6	31.0			
16/5/2018	Fine	Calm	07:00	YSI ProDSS (S/N: 16H104234;17E100747)	4.2	Surface	1.0	1	27.1	8.0	20.7	6.5	91.5	6.0	12.4	6.5	6.1	12.4	
								2	27.1	8.0	20.7	6.5	91.3	5.9	12.5				
							Bottom	3.2	1	27.1	8.0	20.7	6.5	91.9	6.3	12.6			6.5
									2	27.1	8.0	20.7	6.5	91.6	6.2	12.2			
18/5/2018	Sunny	Calm	08:15	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	27.7	7.9	20.5	6.1	86.8	8.3	9.1	6.1	8.4	10.6	
								2	27.7	7.9	20.5	6.1	87.0	8.4	9.3				
							Bottom	2.9	1	27.7	7.9	20.6	6.1	86.7	8.5	12.2			6.1
									2	27.7	7.9	20.6	6.1	86.7	8.5	11.6			
21/5/2018	Sunny	Calm	10:27	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	28.6	7.9	19.2	6.3	89.8	7.3	7.9	6.3	7.2	7.6	
								2	28.6	7.9	19.2	6.3	89.9	7.2	6.1				
							Bottom	2.9	1	28.6	7.9	19.2	6.3	89.9	7.2	7.2			6.3
									2	28.6	7.9	19.2	6.2	89.5	7.2	9.3			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM4
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Calm	11:00	YSI ProDSS (S/N: 16H104233;16H104234)	4	Surface	1.0	1	24.5	8.0	26.3	6.6	92.1	2.9	4.3	6.6	4.5	4.6	
								2	24.5	8.0	26.3	6.6	91.8	2.9	3.2				
							Bottom	3.0	1	24.6	7.9	26.6	6.4	88.7	6.1	5.6	6.4	4.5	4.6
									2	24.6	7.9	26.6	6.3	88.4	6.1	5.3			
27/4/2018	Cloudy	Calm	11:59	YSI ProDSS (S/N: 17H105557;16H104234)	3.9	Surface	1.0	1	24.2	7.9	28.5	6.2	87.2	1.9	<0.5	6.2	5.3	0.9	
								2	24.2	7.9	28.5	6.2	86.8	1.9	<0.5				
							Bottom	2.9	1	24.0	7.9	29.0	5.9	83.3	8.6	0.8	6.0	5.3	0.9
									2	24.0	7.9	29.0	6.0	83.5	8.6	1.0			
30/4/2018	Cloudy	Calm	12:03	YSI ProDSS (S/N: 16H104234;17H105557)	3.2	Surface	1.0	1	25.2	8.1	28.8	6.9	98.4	2.0	6.8	6.9	2.0	6.9	
								2	25.2	8.1	28.8	6.9	98.1	2.0	7.1				
							Bottom	2.2	1	25.2	8.1	28.8	6.9	98.4	2.0	7.4	6.9	2.0	6.9
									2	25.2	8.1	28.8	6.9	98.3	2.0	6.3			
2/5/2018	Sunny	Calm	13:10	YSI ProDSS (S/N: 16H104234;17E100747)	3.5	Surface	1.0	1	26.8	8.0	26.7	7.7	112.1	2.4	4.7	7.8	2.3	5.0	
								2	26.8	8.0	26.7	7.8	111.7	2.4	4.7				
							Bottom	2.5	1	26.2	8.0	27.3	8.3	119.9	2.2	5.9	8.4	2.3	5.0
									2	26.2	8.0	27.3	8.4	119.5	2.2	4.6			
4/5/2018	Cloudy	Moderate	14:36	YSI ProDSS (S/N: 16H104234;17E100747)	4.4	Surface	1.0	1	26.0	8.1	27.0	7.4	106.9	3.2	2.2	7.5	3.1	4.5	
								2	26.0	8.1	27.0	7.5	106.5	3.2	3.5				
							Bottom	3.4	1	26.0	8.2	27.1	7.5	107.5	3.0	6.1	7.5	3.1	4.5
									2	26.0	8.2	27.1	7.5	107.7	3.0	6.2			
7/5/2018	Cloudy	Calm	16:39	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	27.0	8.2	26.1	10.2	148.3	2.4	2.9	10.3	2.4	3.0	
								2	27.0	8.2	26.1	10.3	148.3	2.4	2.9				
							Bottom	2.9	1	27.0	8.2	26.1	10.1	146.1	2.4	3.3	10.1	2.4	3.0
									2	27.0	8.2	26.1	10.1	146.3	2.4	2.9			
9/5/2018	Rainy	Moderate	09:23	YSI ProDSS (S/N: 17H105557;17E100747)	3.7	Surface	1.0	1	26.5	7.5	23.4	7.0	99.9	5.9	6.5	7.0	7.0	5.7	
								2	26.5	7.5	23.4	7.0	99.5	5.9	5.0				
							Bottom	2.7	1	26.5	7.5	23.7	6.6	94.0	8.1	5.4	6.6	7.0	5.7
									2	26.5	7.5	23.7	6.6	93.6	8.0	5.7			
11/5/2018	Cloudy	Calm	11:19	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	24.8	8.0	27.2	6.7	93.6	1.8	1.6	6.7	7.0	2.9	
								2	24.8	8.0	27.2	6.6	93.5	1.8	1.5				
							Bottom	2.9	1	25.0	8.0	28.6	5.9	84.1	12.2	3.7	5.9	7.0	2.9
									2	25.0	8.0	28.6	5.9	83.7	12.1	4.9			
13/5/2018	Fine	Calm	12:30	YSI ProDSS (S/N: 16H104234;17E100747)	3.8	Surface	1.0	1	26.8	8.2	22.1	8.6	121.6	4.7	7.7	8.6	6.4	13.1	
								2	26.8	8.2	22.1	8.6	121.2	4.7	7.0				
							Bottom	2.8	1	26.2	8.1	24.7	6.9	97.5	8.0	17.8	6.9	6.4	13.1
									2	26.2	8.1	24.7	6.9	97.6	8.0	19.8			
16/5/2018	Fine	Calm	12:21	YSI ProDSS (S/N: 16H104234;17E100747)	4.4	Surface	1.0	1	27.7	8.0	21.6	7.5	107.2	3.9	9.3	7.6	4.2	9.5	
								2	27.7	8.0	21.6	7.6	107.1	3.9	8.1				
							Bottom	3.4	1	27.6	8.0	21.6	7.2	103.0	4.4	9.6	7.2	4.2	9.5
									2	27.6	8.0	21.6	7.2	103.0	4.4	10.9			
18/5/2018	Fine	Calm	13:53	YSI ProDSS (S/N: 16H104234;17E100747)	4.7	Surface	1.0	1	28.2	7.9	21.4	6.5	93.4	4.0	4.1	6.5	10.2	5.4	
								2	28.2	7.9	21.4	6.5	93.4	4.0	4.8				
							Bottom	3.7	1	28.0	7.9	22.1	5.9	85.3	16.5	6.6	6.0	10.2	5.4
									2	28.0	7.9	22.1	6.0	85.5	16.4	6.0			
21/5/2018	Sunny	Moderate	16:43	YSI ProDSS (S/N: 16H104234;17E100747)	3.7	Surface	1.0	1	29.4	8.3	20.0	10.6	155.0	3.9	6.7	10.7	4.8	7.0	
								2	29.4	8.3	20.0	10.8	155.7	3.9	7.4				
							Bottom	2.7	1	29.1	8.0	20.8	7.2	105.4	5.6	7.0	7.3	4.8	7.0
									2	29.1	8.0	20.8	7.3	105.8	5.6	6.9			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Station	TCE-WQM4
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged					
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)			
25/4/2018	Cloudy	Calm	14:15	YSI ProDSS (S/N: 16H104233;16H104234)	3.7	Surface	1.0	1	24.5	8.0	26.4	6.8	95.1	2.9	5.2	6.8	3.3	4.8			
								2	24.5	8.0	26.4	6.8	95.4	2.9	4.2						
								Bottom	2.7	1	24.5	8.1	26.5	7.0	96.9				3.7	5.4	7.0
										2	24.5	8.1	26.5	7.0	97.4				3.7	4.5	
27/4/2018	Misty	Calm	16:19	YSI ProDSS (S/N: 17H105557;16H104234)	3.6	Surface	1.0	1	24.1	7.9	29.0	6.1	85.3	8.5	3.7	6.1	8.5	4.8			
								2	24.1	7.9	29.0	6.1	85.5	8.6	3.1						
								Bottom	2.6	1	24.0	7.9	29.1	6.2	86.6				8.4	6.9	6.2
										2	24.0	7.9	29.1	6.1	86.2				8.5	5.5	
30/4/2018	Fine	Calm	06:59	YSI ProDSS (S/N: 16H104234;17H105557)	3.5	Surface	1.0	1	24.7	8.1	28.9	6.4	90.2	3.0	7.4	6.4	3.2	7.9			
								2	24.7	8.1	28.9	6.3	90.1	3.0	7.0						
								Bottom	2.5	1	24.7	8.0	28.9	6.4	90.4				3.3	9.1	6.4
										2	24.7	8.0	28.9	6.3	90.0				3.3	8.2	
2/5/2018	Sunny	Calm	08:02	YSI ProDSS (S/N: 16H104234;17E100747)	3.4	Surface	1.0	1	25.6	8.0	27.5	6.6	94.0	3.5	5.5	6.6	3.5	5.1			
								2	25.6	8.0	27.5	6.6	94.3	3.5	5.2						
								Bottom	2.4	1	25.6	7.9	27.6	6.6	94.0				3.4	4.8	6.6
										2	25.6	7.9	27.6	6.6	93.8				3.4	4.7	
4/5/2018	Cloudy	Moderate	08:38	YSI ProDSS (S/N: 16H104234;17E100747)	3.4	Surface	1.0	1	25.7	8.1	27.0	6.7	95.6	2.4	2.6	6.7	2.4	3.7			
								2	25.7	8.1	27.0	6.7	95.7	2.4	3.8						
								Bottom	2.4	1	25.7	8.1	27.0	6.7	95.7				2.3	4.3	6.7
										2	25.7	8.1	27.0	6.7	96.1				2.3	4.2	
7/5/2018	Cloudy	Moderate	05:56	YSI ProDSS (S/N: 16H104234;17E100747)	3.4	Surface	1.0	1	26.4	8.1	26.7	7.8	113.0	2.4	5.7	7.8	3.4	5.7			
								2	26.4	8.1	26.7	7.8	113.0	2.4	5.1						
								Bottom	2.4	1	26.3	8.1	27.4	7.7	111.8				4.4	5.4	7.8
										2	26.3	8.1	27.4	7.8	112.3				4.4	6.5	
9/5/2018	Cloudy	Moderate	12:33	YSI ProDSS (S/N: 17H105557;17E100747)	3.9	Surface	1.0	1	26.4	8.1	23.1	7.4	105.1	1.9	4.0	7.5	2.1	3.7			
								2	26.4	8.1	23.1	7.5	105.5	1.9	3.4						
								Bottom	2.9	1	26.4	8.0	23.1	7.3	103.3				2.3	3.8	7.3
										2	26.4	8.0	23.1	7.3	103.1				2.3	3.7	
11/5/2018	Cloudy	Moderate	14:57	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	25.2	8.0	27.7	6.6	94.4	3.4	7.8	6.6	4.3	8.5			
								2	25.2	8.0	27.7	6.6	94.0	3.4	7.4						
								Bottom	2.9	1	25.1	8.0	28.1	6.5	92.5				5.1	9.4	6.5
										2	25.1	8.0	28.1	6.5	92.3				5.1	9.3	
13/5/2018	Fine	Calm	16:51	YSI ProDSS (S/N: 16H104234;17E100747)	3.2	Surface	1.0	1	27.3	8.3	20.7	9.7	137.8	4.7	11.2	9.7	5.3	11.8			
								2	27.3	8.3	20.7	9.7	137.3	4.7	11.3						
								Bottom	2.2	1	26.8	8.4	22.8	8.7	123.3				5.9	11.8	8.7
										2	26.8	8.4	22.8	8.7	123.8				5.9	12.9	
16/5/2018	Fine	Calm	07:13	YSI ProDSS (S/N: 16H104234;17E100747)	4	Surface	1.0	1	27.1	8.0	21.5	6.5	92.2	3.1	3.7	6.5	4.7	5.6			
								2	27.1	8.0	21.5	6.5	92.6	3.1	3.7						
								Bottom	3.0	1	27.0	8.0	22.5	6.4	90.4				6.3	6.9	6.4
										2	27.0	8.0	22.5	6.4	90.7				6.3	7.9	
18/5/2018	Sunny	Calm	08:25	YSI ProDSS (S/N: 16H104234;17E100747)	3.8	Surface	1.0	1	27.7	7.9	21.6	6.1	87.0	3.2	4.6	6.1	3.3	5.1			
								2	27.7	7.9	21.6	6.1	87.4	3.2	4.6						
								Bottom	2.8	1	27.7	7.9	21.6	6.1	87.5				3.3	5.3	6.1
										2	27.7	7.9	21.6	6.1	87.8				3.3	5.9	
21/5/2018	Sunny	Calm	10:36	YSI ProDSS (S/N: 16H104234;17E100747)	3.8	Surface	1.0	1	28.6	8.0	19.9	6.4	91.7	5.3	5.9	6.4	5.3	5.7			
								2	28.6	8.0	19.9	6.4	91.9	5.3	5.7						
								Bottom	2.8	1	28.6	8.0	19.9	6.4	91.5				5.3	6.4	6.4
										2	28.6	8.0	19.9	6.3	91.2				5.3	4.9	

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height