

Annex G3

Monitoring Results for Water Quality

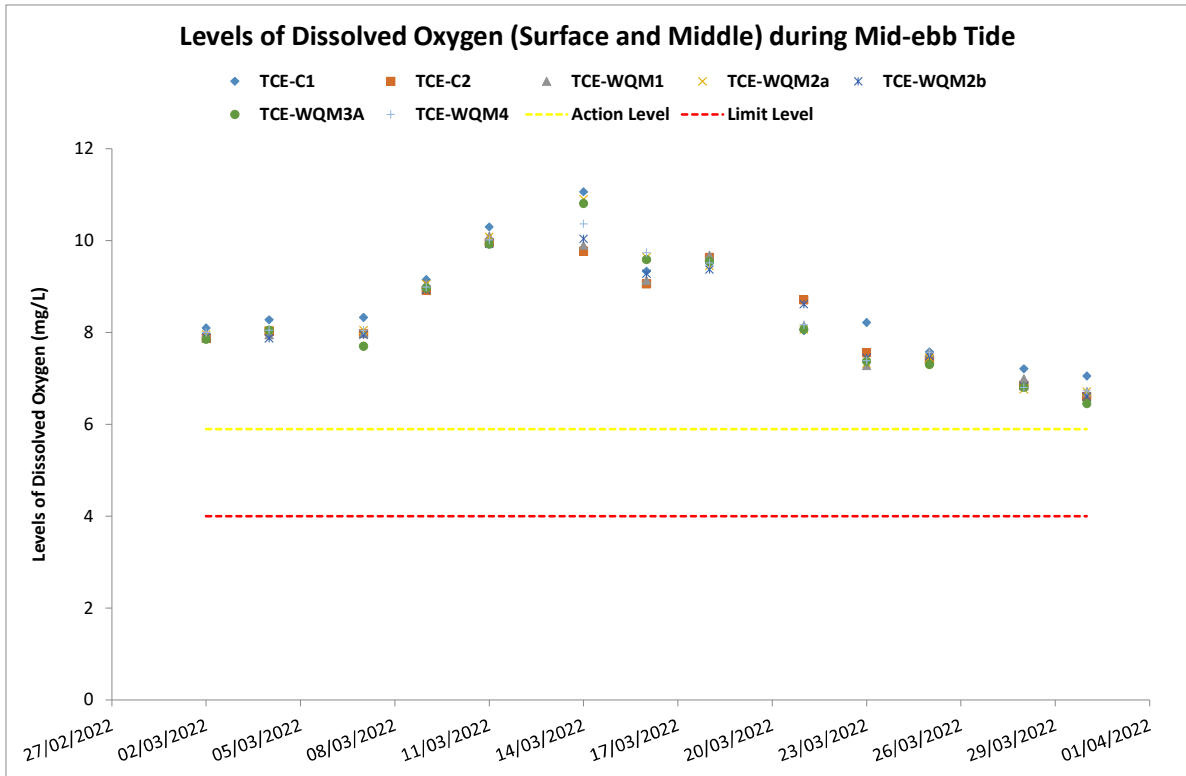


Figure 1: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 31 March 2022

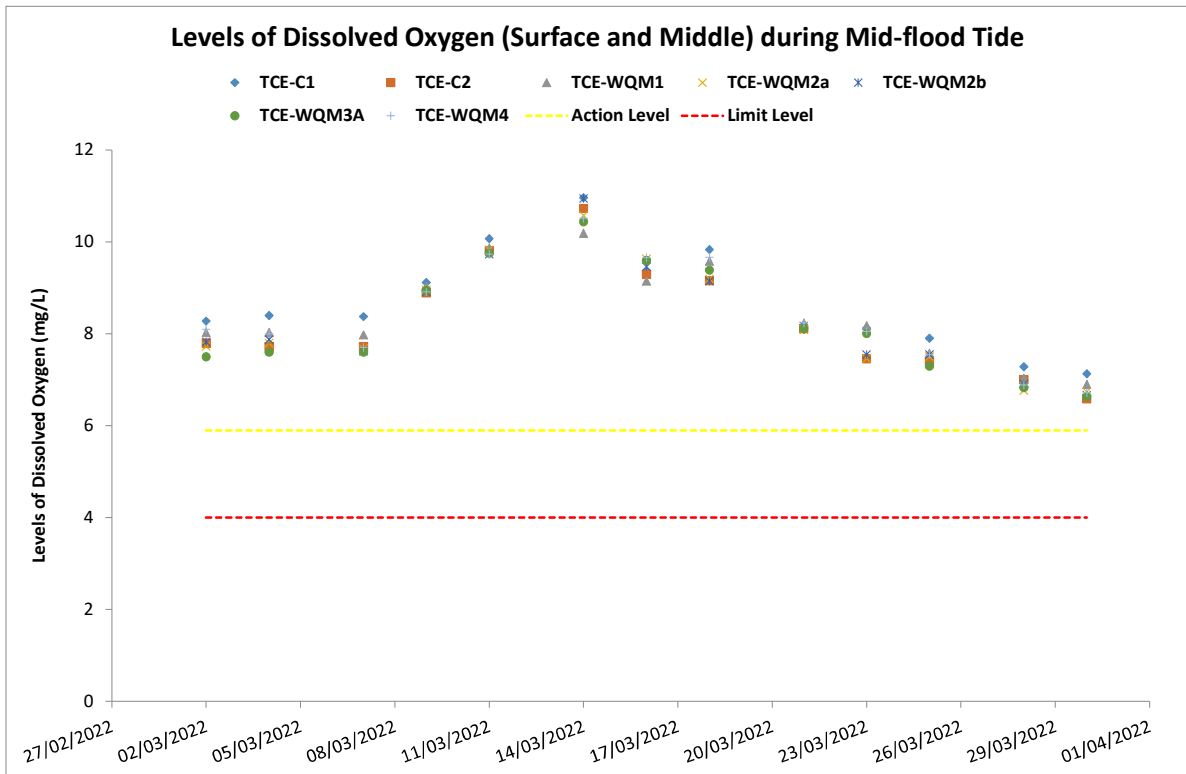


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 March 2022

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02_Deliverable\10 Monthly EM&A Report\
 Date: March 2022

**Environmental
 Resources
 Management**



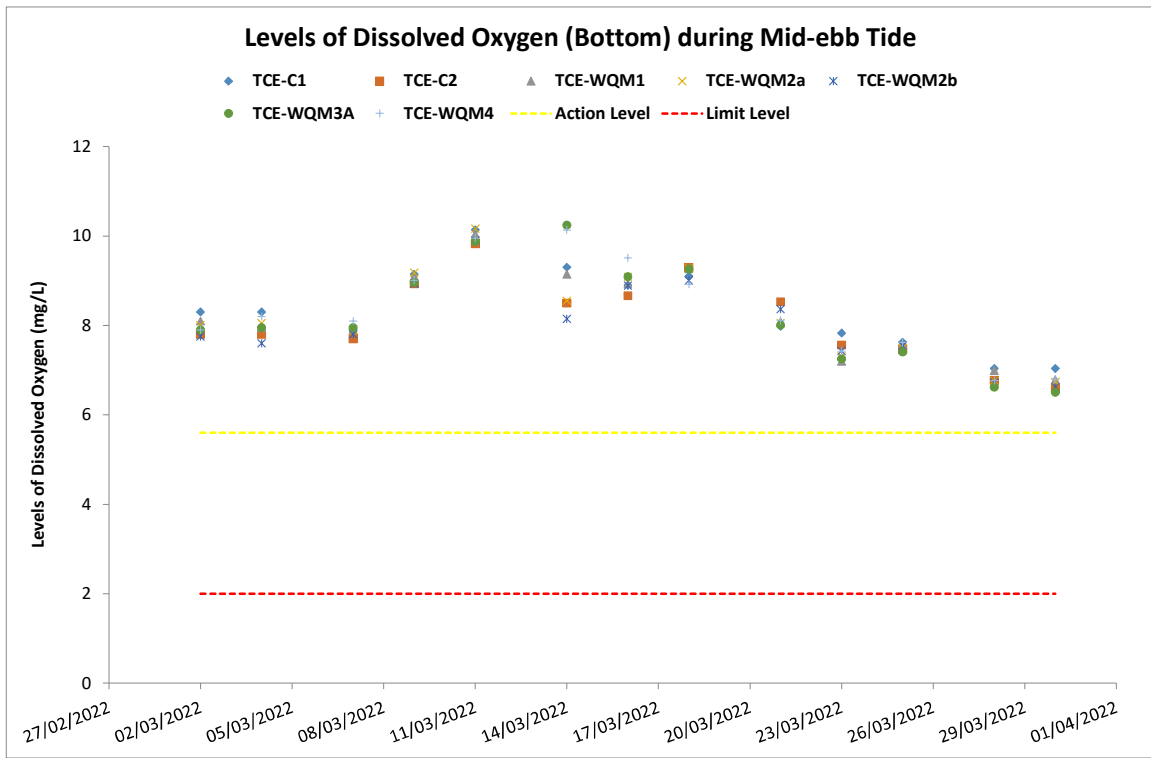


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 31 March 2022

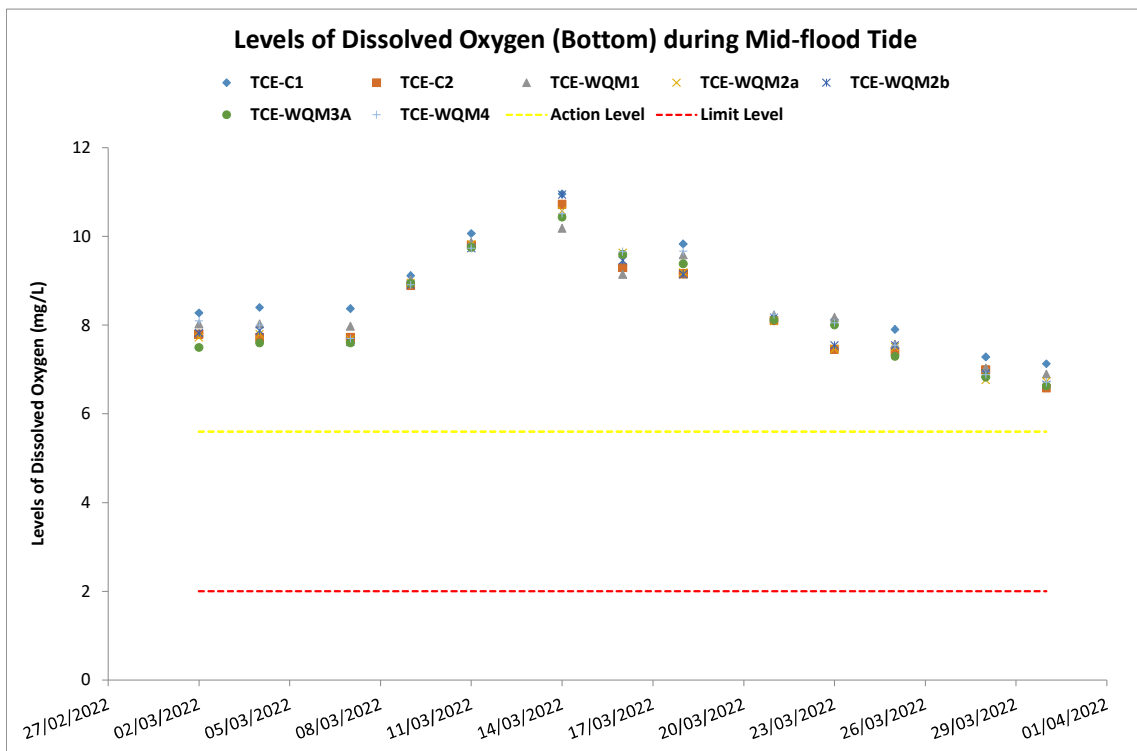


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 March 2022

Source: P:\Projects\0445700 CEDD ET for Tung Chung\JT\02_Deliverable\10 Monthly EM&A Report\
 Date: March 2022

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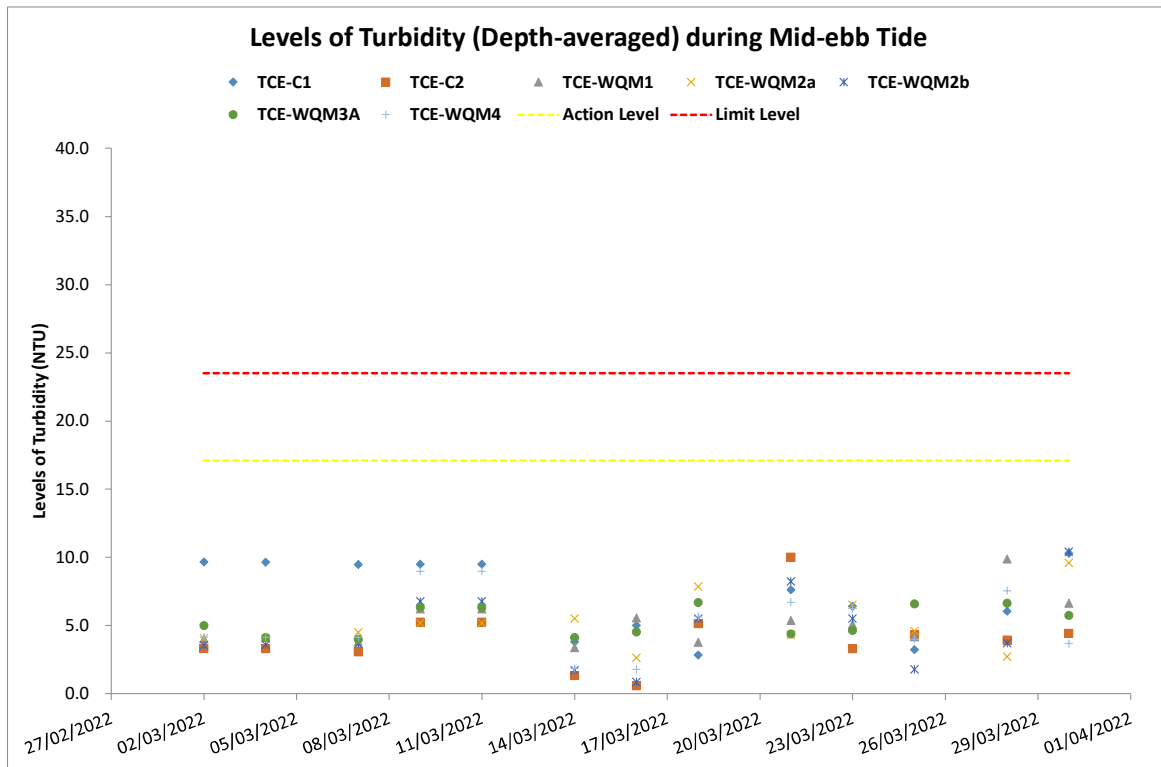


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 31 March 2022

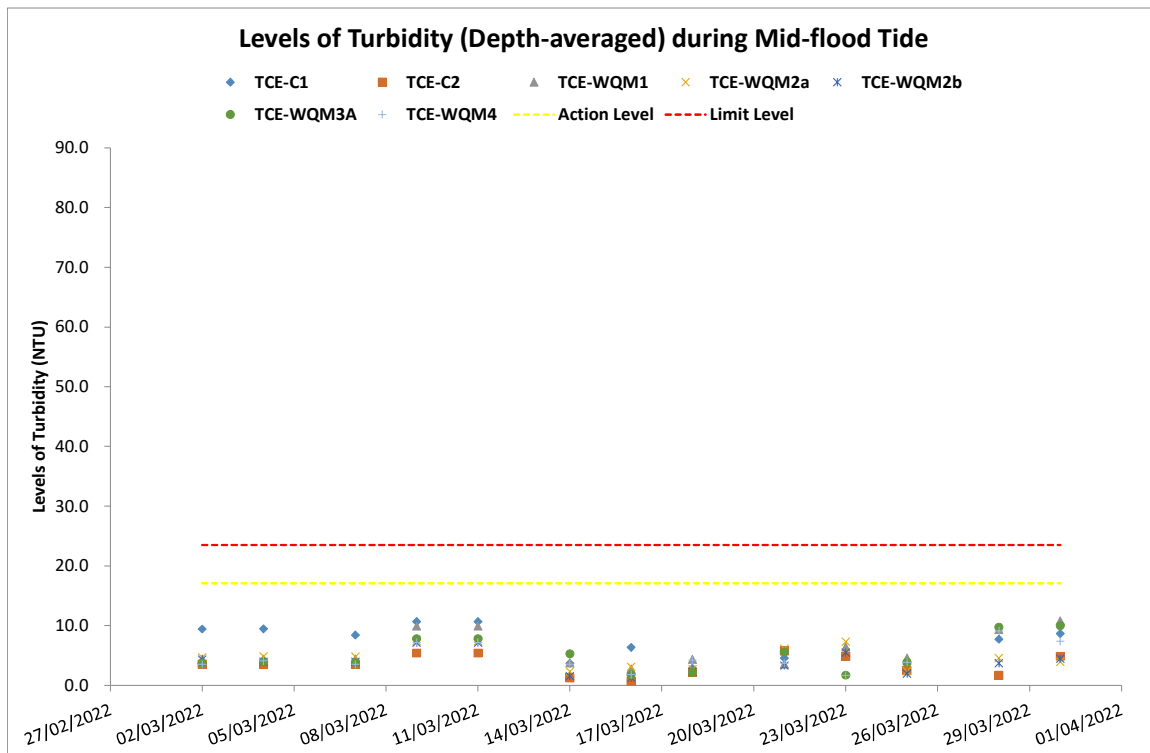


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 March 2022

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02_Deliverable\10 Monthly EM&A Report\
 Date: March 2022

**Environmental
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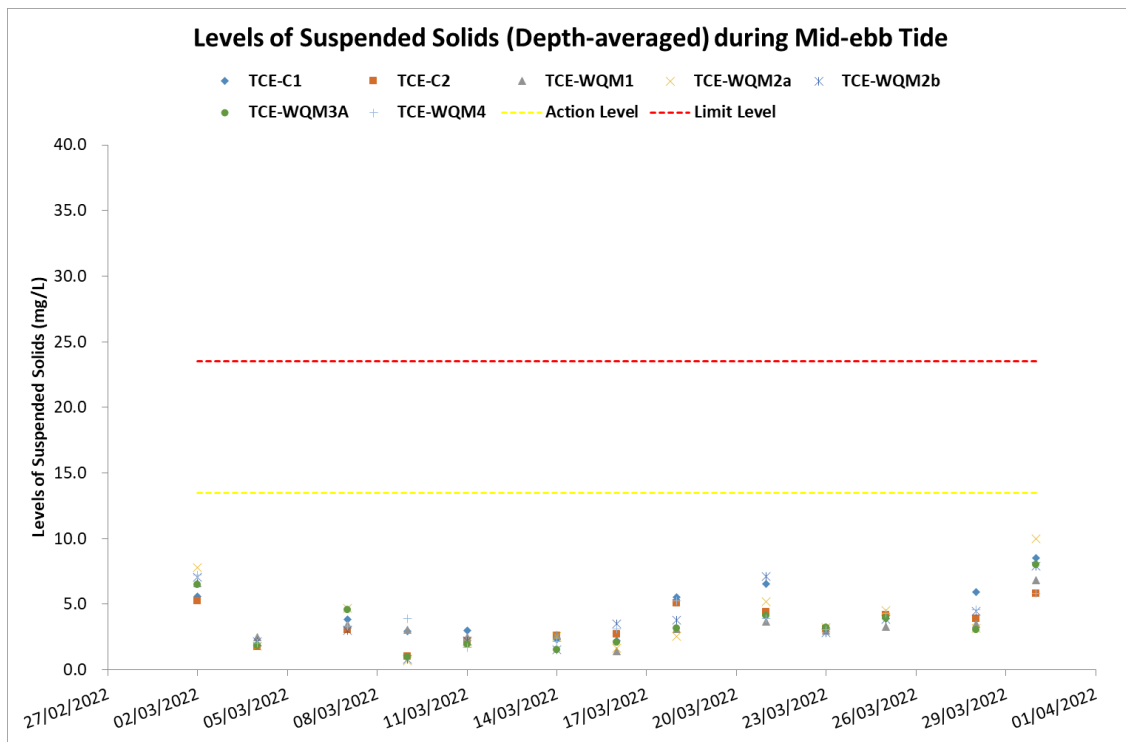


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 31 March 2022

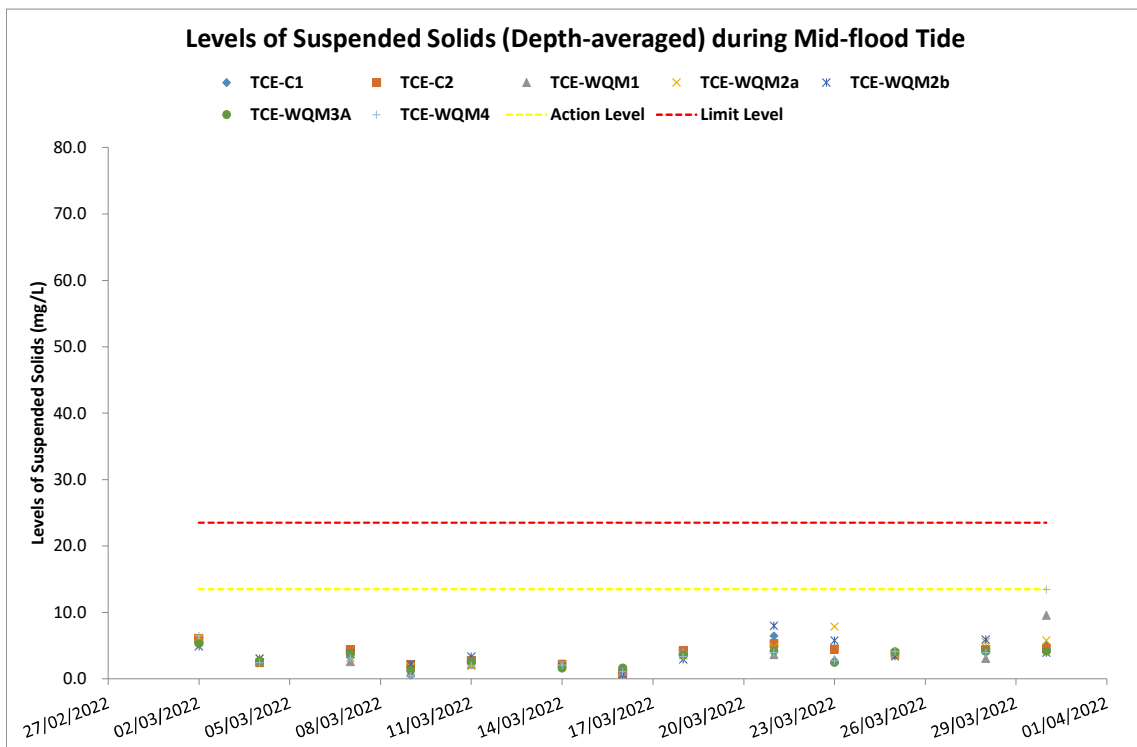


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 March 2022

Source: P:\Projects\0445700 CEDD ET for Tung Chung\JT\02_Deliverable\10 Monthly EM&A Report\

Date: March 2022

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)	
2022-03-02	Mid-Ebb	TCE-C1	Misty	Moderate	12:06	8.0	Surface	1.0	1	16.8	8.3	33.0	8.2	102.8	10.8	7.4	8.1	9.7	5.6	
									2	16.5	8.2	32.7	8.0	99.7	11.1	7.1				
							Middle	4.0	1	16.5	8.2	32.8	8.0	99.7	9.2	5.7				
									2	16.7	8.0	32.8	8.2	103.4	7.6	5.3				
							Bottom	7.0	1	16.7	8.0	32.8	8.3	103.8	9.6	4.0				
									2	16.7	8.0	32.8	8.3	103.8	9.7	3.9				
		TCE-C2	Misty	Moderate	13:51	12.4	Surface	1.0	1	17.4	8.1	32.5	7.8	99.0	3.3	4.2	7.9	3.3	5.3	
									2	17.5	8.2	32.3	8.0	101.8	3.3	4.4				
							Middle	6.2	1	17.5	8.3	32.4	8.0	101.9	3.8	5.1				
									2	17.6	8.2	32.3	7.7	98.0	4.0	5.0				
							Bottom	11.4	1	17.6	8.3	32.2	7.7	98.1	2.7	6.4				
									2	17.3	8.4	32.4	7.9	99.5	2.9	6.4				
		TCE-WQM1	Misty	Moderate	12:44	8.0	Surface	1.0	1	16.7	8.0	31.1	7.8	97.2	4.6	7.9	8.0	4.0	6.6	
									2	16.6	8.0	31.0	8.0	99.5	4.5	7.8				
							Middle	4.0	1	16.6	8.0	31.1	8.1	99.9	3.6	7.3				
									2	16.8	8.0	31.1	8.0	99.5	3.5	7.5				
							Bottom	7.0	1	16.8	8.3	31.2	8.0	99.7	4.0	4.6				
									2	16.8	8.3	30.9	8.2	102.4	4.0	4.4				
		TCE-WQM2a	Misty	Moderate	13:16	7.2	Surface	1.0	1	17.3	8.1	32.4	7.7	97.1	3.7	9.9	8.0	4.1	7.8	
									2	17.3	8.1	32.4	7.7	97.1	3.7	9.8				
							Middle	3.6	1	17.7	8.2	32.4	8.3	105.6	4.4	7.8				
									2	17.4	8.2	32.5	8.1	102.4	4.3	8.0				
							Bottom	6.2	1	17.4	8.2	32.5	8.1	102.4	4.0	5.6				
									2	17.2	8.2	32.3	7.9	99.8	4.2	5.5				
		TCE-WQM2b	Misty	Moderate	13:28	10.2	Surface	1.0	1	17.3	8.3	32.4	7.9	99.5	3.2	9.1	7.9	3.6	7.0	
									2	17.2	8.2	32.3	8.0	100.8	3.6	9.3				
							Middle	5.1	1	17.2	8.2	32.5	7.9	100.4	3.7	7.0				
									2	17.6	8.3	32.5	7.8	99.0	3.7	6.8				
							Bottom	9.2	1	17.6	8.3	32.5	7.8	99.0	3.7	5.0				
									2	17.3	8.2	32.4	7.7	97.0	3.5	5.0				
		TCE-WQM3A	Misty	Moderate	13:05	4.2	Surface	1.0	1	17.2	8.2	31.3	7.9	99.6	5.0	7.7	7.9	5.0	6.5	
									2	17.3	8.2	31.3	7.8	98.0	4.8	7.3				
							Bottom	3.2	1	17.3	8.2	31.7	7.8	98.4	5.0	5.5				
									2	17.0	8.1	31.6	8.0	103.1	5.2	5.4				
							Surface	1.0	1	17.0	8.1	31.8	8.0	103.5	4.2	8.5				
									2	17.3	8.1	31.8	8.0	100.7	4.3	8.1				
		TCE-WQM4	Misty	Moderate	12:55	3.6	Surface	1.0	1	17.3	8.1	31.8	8.0	100.6	4.1	6.3	8.0	4.2	7.2	
									2	17.3	8.1	31.8	8.0	100.6	4.1	6.3				
							Bottom	2.6	1	17.3	8.1	31.8	8.0	100.6	4.1	6.3				
									2	16.7	8.0	31.8	7.8	97.4	4.0	6.0				
							Surface	1.0	1	16.5	8.1	33.0	8.3	104.1	12.0	6.2				
									2	16.5	8.1	32.9	8.4	103.6	12.0	6.6				
		TCE-C1	Misty	Moderate	9:08	8.0	Surface	1.0	1	16.5	8.1	33.0	8.3	104.1	12.0	6.2	8.3	9.4	5.5	
									2	16.5	8.1	32.9	8.4	103.6	12.0	6.6				
							Middle	4.0	1	16.8	8.0	32.7	8.2	103.1	8.3	5.6				
									2	16.8	8.0	32.8	8.2	103.3	8.2	5.7				
							Bottom	7.0	1	16.5	8.3	32.7	8.3	103.1	7.9	4.4				
									2	16.5	8.3	32.6	8.3	103.4	8.2	4.5				
TCE-C2	Misty	Moderate	7:01	12.8	Surface	1.0	1	17.7	8.2	32.4	7.7	97.8	3.8	7.0	7.8	3.6	6.0			
							2	17.7	8.2	32.3	7.6	97.3	4.0	7.2						
					Middle	6.4	1	17.7	8.1	32.4	7.9	101.1	2.7	6.2						
							2	17.7	8.1	32.2	8.0	101.1	2.9	6.2						
					Bottom	11.8	1	17.7	7.8	32.5	8.0	102.5	4.0	4.8						
							2	17.7	7.8	32.4	8.0	102.6	3.9	4.5						
TCE-WQM1	Misty	Moderate	8:19	8.2	Surface	1.0	1	16.9	8.2	31.1	7.9	98.9	3.4	6.2	8.0	4.4	5.7			
							2	16.9	8.2	31.3	7.9	98.5	3.6	6.6						
					Middle	4.1	1	16.3	8.3	31.1	8.2	100.5	5.0	5.6						
							2	16.3	8.3	31.3	8.1	100.2	5.0	5.7						
					Bottom	7.2	1	16.2	8.2	31.2	7.9	97.3	4.8	5.0						
							2	16.2	8.2	31.1	8.0	97.3	4.8	5.3						
TCE-WQM2a	Misty	Moderate	7:40	7.0	Surface	1.0	1	17.1	8.4	32.2	7.9	99.8	5.8	8.1	7.7	4.7	6.2			
							2	17.1	8.4	32.2	7.9	99.8	5.8	8.3						
					Middle	3.5	1	17.6	8.2	32.2	7.5	95.7	4.5	6.2						
							2	17.6	8.2	32.0	7.6	96.1	4.6	6.1						
					Bottom	6.0	1	17.3	8.1	32.1	7.9	100.0	3.9	4.6						
							2	17.3	8.1	32.1	8.1	100.0	3.6	4.1						
TCE-WQM2b	Misty	Moderate	7:25	10.6	Surface	1.0	1	17.4	8.0	32.1	7.9	100.5	2.9	6.0	7.8	4.3	4.9			
							2	17.4	8.0	32.3	7.9	100.2	2.6	6.2						
					Middle	5.3	1	17.3	8.1	32.2	7.8	98.1	4.4	4.6						
							2	17.3	8.1	32.0	7.7	97.6	4.4	4.8						
					Bottom	9.6	1	17.2	8.1	32.0	7.8	98.1	5.8	3.8						
							2	17.2	8.1	32.3	7.8	98.4	5.8	4.0						
TCE-WQM3A	Misty	Moderate	7:54	4.0	Surface	1.0	1	17.3	8.1	31.1	7.5	94.6	3.9	4.2	7.5	3.7	5.3			
							2	17.3	8.1	31.4	7.5	94.9	3.8	4.4						
					Bottom	3.0	1	17.2	8.0	31.5	7.9	99.7	3.5	6.3						
							2	17.2	8.0	31.3	7.9	99.7	3.7	6.4						
					Surface	1.0	1	17.0	8.3	31.4	8.1	101.2	3.5	6.0				8.1	3.5	6.5
							2	17.0	8.3	31.5	8.1	101.5	3.2	5.5						
Bottom	2.6	1	17.2	8.1	31.6	7.8	97.6	3.6	7.3											
		2	17.2	8.1	31.2	7.8	97.3	3.8	7.1											

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)
2022-03-04	Mid-Ebb	TCE-C1	Fine	Rough	13:14	8.0	Surface	1.0	1	16.5	8.4	30.9	8.6	105.8	10.8	2.0	8.3	9.7	1.8
									2	16.5	8.4	33.0	8.5	105.7	11.1	1.9			
							Middle	4.0	1	16.7	8.3	32.7	8.0	100.4	9.1	1.7			
									2	16.7	8.3	32.9	8.0	100.6	7.6	1.8			
							Bottom	7.0	1	16.8	8.2	32.9	8.3	103.9	9.6	1.8			
									2	16.8	8.2	32.9	8.3	104.0	9.7	1.7			
		TCE-C2	Fine	Rough	15:07	12.4	Surface	1.0	1	17.4	8.1	32.4	8.1	103.2	3.3	1.6	8.0	3.3	1.8
									2	17.4	8.2	32.5	8.1	103.1	3.3	1.5			
							Middle	6.2	1	17.3	8.3	32.5	7.9	100.6	3.6	1.8			
									2	17.3	8.3	32.4	8.0	101.0	4.0	1.8			
							Bottom	11.4	1	17.5	8.3	32.4	7.8	99.4	2.7	1.7			
									2	17.5	8.3	32.4	7.8	99.2	2.9	2.2			
		TCE-WQM1	Fine	Rough	13:52	8.0	Surface	1.0	1	17.0	8.0	31.8	8.0	100.6	5.1	2.3	8.0	4.2	2.5
									2	17.0	8.2	31.0	8.0	100.3	4.8	2.6			
							Middle	4.0	1	16.6	8.0	31.1	7.9	97.6	3.5	2.7			
									2	16.6	8.0	31.1	7.9	97.6	3.5	2.7			
							Bottom	7.0	1	16.8	8.4	31.3	7.9	98.9	4.0	2.9			
									2	16.8	8.4	31.0	8.0	98.9	4.0	2.3			
		TCE-WQM2a	Fine	Rough	14:31	7.2	Surface	1.0	1	17.1	8.3	32.6	7.9	100.0	3.6	2.6	8.1	4.1	1.8
									2	17.1	8.3	32.6	7.9	100.0	3.6	2.3			
							Middle	3.6	1	17.7	8.1	32.4	8.2	104.8	4.4	1.7			
									2	17.7	8.1	32.6	8.2	104.6	4.3	1.6			
							Bottom	6.2	1	17.5	8.4	32.6	8.1	102.7	4.3	1.6			
									2	17.5	8.4	32.4	8.0	102.2	4.2	1.2			
		TCE-WQM2b	Fine	Rough	14:44	10.2	Surface	1.0	1	17.4	8.3	32.2	7.8	99.2	3.3	2.6	7.9	3.6	2.2
									2	17.4	8.2	32.4	7.8	99.5	3.6	2.1			
							Middle	5.1	1	17.3	8.0	32.2	8.0	100.5	3.7	2.2			
									2	17.3	8.0	32.4	7.9	100.5	3.7	2.4			
							Bottom	9.2	1	17.6	8.2	32.4	7.6	96.5	3.7	1.9			
									2	17.6	8.2	32.6	7.6	96.3	3.5	1.8			
		TCE-WQM3A	Fine	Rough	14:15	4.2	Surface	1.0	1	17.2	8.0	32.3	8.0	101.1	3.0	1.8	8.1	4.1	1.9
									2	17.2	8.0	31.3	8.1	101.2	3.3	1.9			
							Bottom	3.2	1	17.2	8.1	31.2	7.9	98.6	5.0	1.8			
									2	17.2	8.1	31.7	8.0	98.3	5.2	1.9			
							Surface	1.0	1	17.1	8.3	31.8	8.0	101.3	4.2	1.5			
									2	17.1	8.3	31.7	8.1	101.1	4.3	2.2			
		TCE-WQM4	Fine	Rough	14:03	3.6	Surface	1.0	1	17.1	8.0	31.7	8.2	102.5	4.1	2.0	8.2	4.2	2.0
									2	17.1	8.0	32.0	8.2	103.0	4.0	2.4			
							Bottom	2.6	1	17.1	8.0	31.7	8.2	102.5	4.1	2.0			
									2	17.1	8.0	32.0	8.2	103.0	4.0	2.4			
							Surface	1.0	1	16.4	8.1	33.0	8.4	104.9	11.7	2.6			
									2	16.4	8.1	32.8	8.4	105.4	11.6	2.4			
		TCE-C2	Cloudy	Rough	7:07	12.8	Surface	1.0	1	17.7	8.1	32.2	7.8	99.4	3.8	2.2	7.7	3.6	2.5
									2	17.7	8.1	32.2	7.8	99.2	4.0	2.5			
							Middle	6.4	1	17.7	8.1	32.4	7.6	97.3	2.7	2.5			
									2	17.7	8.1	32.4	7.7	96.9	2.9	2.5			
							Bottom	11.8	1	17.8	7.9	32.6	7.8	100.2	4.0	2.5			
									2	17.8	7.9	32.4	7.8	99.8	3.9	2.5			
TCE-WQM1	Cloudy	Rough	8:24	8.2	Surface	1.0	1	16.7	8.3	31.0	8.0	99.7	3.4	2.7	8.0	4.4	2.7		
							2	16.7	8.3	31.2	8.0	99.9	3.6	2.3					
					Middle	4.1	1	16.4	8.3	30.9	8.1	99.5	5.0	2.8					
							2	16.4	8.3	31.2	8.0	99.2	5.0	2.1					
					Bottom	7.2	1	16.5	8.2	31.2	8.0	98.4	4.8	3.2					
							2	16.5	8.2	31.2	8.0	98.9	4.8	3.0					
TCE-WQM2a	Cloudy	Rough	7:43	7.0	Surface	1.0	1	17.1	8.4	32.2	7.9	99.4	5.3	3.5	7.8	4.9	3.1		
							2	17.1	8.4	32.2	7.9	99.4	5.3	3.3					
					Middle	3.5	1	17.5	8.4	32.2	7.7	97.5	5.5	3.4					
							2	17.5	8.4	32.1	7.7	97.3	5.7	2.7					
					Bottom	6.0	1	17.2	8.1	32.2	8.0	100.7	3.9	2.7					
							2	17.2	8.1	32.3	8.1	100.3	3.6	2.8					
TCE-WQM2b	Cloudy	Rough	7:28	10.6	Surface	1.0	1	17.4	8.1	32.3	7.9	100.2	2.9	2.8	7.9	4.0	3.0		
							2	17.4	8.1	32.2	7.9	100.0	2.6	3.1					
					Middle	5.3	1	17.4	8.3	32.1	7.8	99.3	3.2	3.2					
							2	17.4	8.3	32.0	7.9	99.6	3.4	2.8					
					Bottom	9.6	1	17.0	8.1	32.1	7.9	99.6	5.8	3.2					
							2	17.0	8.1	32.1	7.9	99.1	5.8	3.1					
TCE-WQM3A	Cloudy	Rough	7:56	4.0	Surface	1.0	1	17.1	8.1	31.0	7.6	94.9	3.9	2.2	7.6	4.0	2.7		
							2	17.1	8.1	31.3	7.6	95.0	3.8	1.9					
					Bottom	3.0	1	17.2	8.1	31.5	7.9	99.7	4.6	3.3					
							2	17.2	8.1	31.5	7.9	99.7	3.7	3.4					
					Surface	1.0	1	17.0	8.4	31.4	8.0	100.2	4.8	2.3					
							2	17.0	8.4	31.5	8.0	100.2	4.4	2.1					
TCE-WQM4	Cloudy	Rough	8:09	3.6	Surface	1.0	1	17.0	8.0	31.7	7.8	98.1	3.6	2.5	7.9	4.1	2.4		
							2	17.0	8.0	31.2	7.9	98.4	3.6	2.8					
					Bottom	2.6	1	17.0	8.0	31.7	7.8	98.1	3.6	2.5					
							2	17.0	8.0	31.2	7.9	98.4	3.6	2.8					
					Surface	1.0	1	16.4	8.1	33.0	8.4	104.9	11.7	2.6					
							2	16.4	8.1	32.8	8.4	105.4	11.6	2.4					

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)		
2022-03-07	Mid-Ebb	TCE-C1	Fine	Rough	15:04	8.0	Surface	1.0	1	16.9	8.4	30.9	8.5	106.3	10.8	4.6	8.3	9.5	3.8		
									2	16.9	8.4	32.9	8.4	105.9	11.1	4.6					
							Middle	4.0	1	16.8	8.4	32.7	8.2	103.4	8.0	3.5					
									2	16.8	8.4	32.8	8.2	103.6	7.6	3.6					
							Bottom	7.0	1	17.0	8.0	32.9	7.9	99.7	9.6	3.2					
									2	17.0	8.0	33.0	7.9	100.1	9.7	3.4					
		TCE-C2	Fine	Rough	17:00	12.4	Surface	1.0	1	17.4	8.1	32.6	7.9	100.6	3.3	2.7	8.0	3.1	3.1		
									2	17.4	8.2	32.6	8.0	101.0	3.3	2.7					
							Middle	6.2	1	17.8	8.3	32.5	8.0	101.9	3.3	3.0					
									2	17.8	8.3	32.4	8.0	102.1	3.0	2.8					
							Bottom	11.4	1	17.8	8.3	32.2	7.7	98.7	2.7	3.7					
									2	17.8	8.2	32.3	7.7	98.8	2.9	3.5					
		TCE-WQM1	Fine	Rough	15:42	8.0	Surface	1.0	1	17.4	8.0	31.7	7.9	99.4	3.9	5.3	8.0	3.8	3.5		
									2	17.4	8.2	31.2	7.9	99.2	3.9	5.3					
							Middle	4.0	1	16.9	8.2	30.9	8.1	100.3	3.6	3.0					
									2	16.9	8.0	31.2	8.0	99.8	3.5	3.0					
							Bottom	7.0	1	17.1	8.4	31.2	7.9	98.6	4.0	2.2					
									2	17.1	8.4	31.2	7.9	98.8	4.0	2.0					
		TCE-WQM2a	Fine	Rough	16:21	7.2	Surface	1.0	1	17.4	8.1	32.4	7.9	99.7	5.2	3.4	8.1	4.5	4.7		
									2	17.4	8.1	32.4	7.9	99.7	5.2	3.2					
							Middle	3.6	1	18.1	8.1	32.4	8.2	105.4	4.4	4.3					
									2	18.1	8.1	32.6	8.2	104.9	4.3	4.4					
							Bottom	6.2	1	17.8	8.2	32.6	7.9	100.7	3.8	6.5					
									2	17.8	8.2	32.3	7.9	100.3	4.2	6.2					
		TCE-WQM2b	Fine	Rough	16:34	10.2	Surface	1.0	1	17.8	8.3	32.4	7.9	101.3	3.8	3.6	8.0	3.7	3.0		
									2	17.8	8.4	32.2	7.9	101.1	3.6	4.0					
							Middle	5.1	1	17.7	8.1	32.4	8.0	101.7	3.7	3.3					
									2	17.7	8.1	32.5	8.0	101.6	3.7	3.0					
							Bottom	9.2	1	17.8	8.1	32.6	7.8	100.0	3.7	2.0					
									2	17.8	8.2	32.5	7.8	99.7	3.5	2.1					
		TCE-WQM3A	Fine	Rough	16:05	4.2	Surface	1.0	1	17.3	8.0	32.5	7.7	97.0	3.0	3.2	7.7	4.0	4.6		
									2	17.3	8.0	31.1	7.7	96.6	2.8	3.5					
							Bottom	3.2	1	17.6	8.1	31.3	7.9	100.3	5.0	6.0					
									2	17.6	8.1	31.6	8.0	100.6	5.2	5.6					
		TCE-WQM4	Fine	Rough	15:53	3.6	Surface	1.0	1	17.1	8.1	31.8	8.0	101.3	4.2	3.9	8.1	4.2	3.3		
									2	17.1	8.1	31.8	8.1	101.4	4.3	3.8					
							Bottom	2.6	1	17.2	8.0	31.9	8.1	102.3	4.1	3.0					
									2	17.2	8.0	31.8	8.1	102.0	4.0	2.6					
									1	16.6	8.1	33.0	8.3	103.7	9.6	2.4					
									2	16.6	8.1	32.9	8.4	103.2	9.8	2.4					
		2022-03-07	Mid-Flood	TCE-C1	Fine	Rough	10:27	8.0	Surface	1.0	1	16.6	8.1	33.0	8.3	103.7	9.6	2.4	8.4	8.4	3.2
											2	16.6	8.1	32.9	8.4	103.2	9.8	2.4			
									Middle	4.0	1	16.9	8.1	32.5	8.4	105.5	7.5	2.7			
											2	16.9	8.1	33.0	8.4	105.9	7.2	3.0			
									Bottom	7.0	1	16.4	8.4	32.6	8.4	104.2	8.2	4.7			
											2	16.4	8.4	32.6	8.3	103.8	8.2	4.2			
				TCE-C2	Fine	Moderate	8:17	12.8	Surface	1.0	1	18.1	8.3	32.3	7.8	100.5	3.8	6.7	7.7	3.6	4.4
											2	18.1	8.3	32.3	7.8	100.4	4.0	6.5			
Middle	6.4								1	18.0	8.1	32.4	7.6	97.0	2.7	3.5					
									2	18.0	8.1	32.4	7.7	97.2	2.9	3.6					
Bottom	11.8								1	17.8	8.0	32.5	7.9	101.1	4.0	3.0					
									2	17.8	8.0	32.4	7.9	100.9	3.9	2.8					
TCE-WQM1	Fine			Rough	9:34	8.2	Surface	1.0	1	17.1	8.4	31.1	8.1	100.7	3.4	1.8	8.0	4.4	2.6		
									2	17.1	8.4	31.3	8.1	101.1	3.6	1.6					
							Middle	4.1	1	16.8	8.4	30.9	7.8	97.5	5.0	2.7					
									2	16.8	8.4	31.2	7.9	97.9	5.0	2.9					
							Bottom	7.2	1	16.8	8.2	31.4	8.0	99.6	4.8	3.1					
									2	16.8	8.2	31.2	8.0	99.9	4.8	3.4					
TCE-WQM2a	Fine			Moderate	8:53	7.0	Surface	1.0	1	17.5	8.4	32.2	7.6	95.9	5.4	2.6	7.7	4.8	3.2		
									2	17.5	8.4	32.2	7.6	95.9	5.4	2.8					
							Middle	3.5	1	17.8	8.3	32.1	7.8	98.9	5.4	3.1					
									2	17.8	8.3	32.0	7.7	98.6	5.2	3.1					
							Bottom	6.0	1	17.3	8.0	32.2	8.1	102.1	3.9	3.5					
									2	17.3	8.0	32.2	8.1	102.4	3.6	3.8					
TCE-WQM2b	Fine			Moderate	8:38	10.6	Surface	1.0	1	17.7	8.0	32.1	7.5	95.9	2.9	4.9	7.6	4.0	3.8		
									2	17.7	8.0	32.4	7.5	96.2	2.6	4.8					
							Middle	5.3	1	17.7	8.2	32.1	7.7	98.6	3.3	3.7					
									2	17.7	8.2	32.2	7.8	98.9	3.4	3.5					
							Bottom	9.6	1	17.3	8.2	32.1	8.1	101.8	5.8	2.8					
									2	17.3	8.2	32.3	8.0	101.7	5.8	2.8					
TCE-WQM3A	Fine			Moderate	9:06	4.0	Surface	1.0	1	17.6	7.9	31.0	7.6	95.4	3.9	4.4	7.6	3.8	3.8		
									2	17.6	7.9	31.4	7.6	95.6	3.8	4.0					
							Bottom	3.0	1	17.4	8.1	31.3	7.9	99.9	3.9	3.3					
									2	17.4	8.1	31.4	8.0	100.2	3.7	3.3					
TCE-WQM4	Fine			Moderate	9:19	3.6	Surface	1.0	1	17.6	8.3	31.5	7.7	97.8	4.4	3.5	7.7	3.5	3.2		
									2	17.6	8.3	31.5	7.7	97.4	4.4	3.4					
							Bottom	2.6	1	17.5	8.0	31.6	7.5	94.5	2.6	2.9					
									2	17.5	8.0	31.4	7.5	94.7	2.6	2.8					

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)
2022-03-09	Mid-Ebb	TCE-C1	Cloudy	Moderate	15:46	8.3	Surface	1.0	1	17.6	8.2	32.0	9.2	114.6	8.5	2.4	9.2	9.5	2.9
									2	17.6	8.2	32.0	9.2	114.6	8.9	2.6			
							Middle	4.2	1	17.6	8.2	32.0	9.1	114.4	9.4	3.0			
									2	17.6	8.2	32.0	9.1	114.4	9.4	3.1			
							Bottom	7.3	1	17.6	8.2	32.0	9.1	114.4	10.1	3.5			
									2	17.6	8.2	32.0	9.1	114.4	10.8	3.0			
		TCE-C2	Cloudy	Moderate	17:50	13.1	Surface	1.0	1	17.5	8.1	31.6	8.9	111.5	5.1	1.6	8.9	5.3	1.0
									2	17.5	8.1	31.6	8.9	111.5	5.1	2.2			
							Middle	6.6	1	17.6	8.1	31.7	8.9	111.2	5.2	0.9			
									2	17.6	8.1	31.7	8.9	111.3	5.2	0.8			
							Bottom	12.1	1	17.6	8.1	31.6	8.9	111.5	5.5	0.3			
									2	17.6	8.1	31.6	8.9	111.6	5.5	0.3			
		TCE-WQM1	Cloudy	Moderate	16:31	8.1	Surface	1.0	1	17.6	8.1	30.3	9.1	112.2	6.0	2.9	9.1	6.2	3.1
									2	17.6	8.1	30.3	9.1	112.1	6.1	2.9			
							Middle	4.1	1	17.6	8.1	30.4	9.1	112.3	6.3	3.2			
									2	17.6	8.2	30.4	9.1	112.4	6.4	3.0			
							Bottom	7.1	1	17.6	8.2	30.4	9.1	112.7	6.3	3.0			
									2	17.6	8.2	30.4	9.1	112.8	6.3	3.4			
		TCE-WQM2a	Cloudy	Moderate	17:05	6.9	Surface	1.0	1	17.5	8.1	31.7	9.0	112.5	5.2	0.9	9.1	5.2	0.7
									2	17.5	8.1	31.7	9.0	112.5	5.2	0.8			
							Middle	3.5	1	17.5	8.1	31.7	9.1	113.1	5.2	0.8			
									2	17.5	8.1	31.7	9.1	113.2	5.1	0.3			
							Bottom	5.9	1	17.4	8.2	31.6	9.2	114.0	5.1	0.7			
									2	17.4	8.2	31.6	9.2	114.1	5.2	0.8			
		TCE-WQM2b	Cloudy	Moderate	17:14	12.0	Surface	1.0	1	17.5	8.1	31.6	9.0	111.6	5.2	0.8	8.9	6.8	0.8
									2	17.5	8.1	31.7	9.0	111.6	5.3	1.0			
							Middle	6.0	1	17.6	8.1	31.7	8.9	111.4	6.2	0.7			
									2	17.6	8.1	31.7	8.9	111.3	6.8	0.8			
							Bottom	11.0	1	17.6	8.1	31.7	8.9	111.5	8.6	0.8			
									2	17.6	8.1	31.6	8.9	111.5	8.6	0.6			
		TCE-WQM3A	Cloudy	Moderate	16:54	4.6	Surface	1.0	1	17.2	8.1	30.6	9.0	110.5	5.9	1.3	9.0	6.3	1.0
									2	17.2	8.1	30.6	9.0	110.5	5.9	1.5			
							Bottom	3.6	1	17.2	8.1	30.8	9.0	110.5	6.6	0.8			
									2	17.2	8.1	30.8	9.0	110.5	6.9	0.3			
							Surface	1.0	1	17.3	8.1	31.0	9.0	111.1	8.2	3.1			
									2	17.3	8.1	31.0	9.0	111.2	8.3	4.4			
TCE-WQM4	Cloudy	Moderate	16:42	3.5	Bottom	2.5	1	17.4	8.1	31.1	9.0	111.7	9.5	3.8	9.0	9.0	3.9		
							2	17.4	8.1	31.1	9.0	111.8	9.9	4.3					
					Surface	1.0	1	17.6	8.2	32.0	9.1	114.4	12.2	0.3					
							2	17.6	8.2	32.0	9.1	114.3	12.1	0.3					
					Middle	4.2	1	17.6	8.2	32.0	9.1	114.0	9.7	0.7					
							2	17.6	8.2	32.0	9.1	114.0	9.6	0.6					
2022-03-09	Mid-Flood	TCE-C1	Cloudy	Moderate	10:44	8.4	Surface	1.0	1	17.6	8.2	32.0	9.1	114.4	12.2	0.3	9.1	10.7	0.6
									2	17.6	8.2	32.0	9.1	114.3	12.1	0.3			
							Middle	4.2	1	17.6	8.2	32.0	9.1	114.0	9.7	0.7			
									2	17.6	8.2	32.0	9.1	114.0	9.6	0.6			
							Bottom	7.4	1	17.6	8.2	32.0	9.1	113.9	10.0	0.9			
									2	17.6	8.2	32.0	9.1	113.9	10.4	0.7			
		TCE-C2	Cloudy	Moderate	8:55	13.4	Surface	1.0	1	17.6	8.1	31.6	8.9	111.2	4.9	0.8	8.9	5.4	2.2
									2	17.6	8.1	31.6	8.9	111.2	5.3	1.1			
							Middle	6.7	1	17.6	8.1	31.6	8.9	110.9	5.7	1.8			
									2	17.6	8.1	31.6	8.9	110.9	5.7	2.7			
							Bottom	12.4	1	17.5	8.1	31.7	8.9	111.4	5.5	2.9			
									2	17.5	8.1	31.7	9.0	111.6	5.4	3.6			
		TCE-WQM1	Cloudy	Moderate	10:02	7.8	Surface	1.0	1	17.5	8.1	30.3	9.1	111.8	7.0	1.4	9.0	9.9	0.9
									2	17.5	8.1	30.3	9.0	111.8	7.3	1.2			
							Middle	3.9	1	17.5	8.1	30.4	9.0	111.4	10.1	0.8			
									2	17.5	8.1	30.4	9.0	111.4	10.3	0.3			
							Bottom	6.8	1	17.5	8.1	30.5	9.0	111.2	12.1	0.6			
									2	17.5	8.1	30.5	9.0	111.2	12.6	1.0			
		TCE-WQM2a	Cloudy	Moderate	9:32	7.2	Surface	1.0	1	17.4	8.1	31.4	9.0	111.5	7.2	0.9	9.0	7.4	1.8
									2	17.4	8.1	31.4	9.0	111.5	7.2	0.6			
							Middle	3.6	1	17.4	8.1	31.4	9.0	111.2	7.5	1.8			
									2	17.5	8.1	31.4	8.9	111.2	7.6	1.8			
							Bottom	6.2	1	17.5	8.1	31.4	8.9	111.3	7.4	2.8			
									2	17.4	8.1	31.4	9.0	111.2	7.4	3.1			
		TCE-WQM2b	Cloudy	Moderate	9:21	11.2	Surface	1.0	1	17.4	8.1	31.5	8.9	111.0	5.9	0.5	8.9	7.1	2.2
									2	17.4	8.1	31.5	8.9	111.0	5.9	0.9			
							Middle	5.6	1	17.4	8.1	31.5	8.9	110.6	6.5	1.6			
									2	17.4	8.1	31.5	8.9	110.5	6.6	2.5			
							Bottom	10.2	1	17.4	8.1	31.4	8.9	110.0	8.9	4.1			
									2	17.4	8.1	31.4	8.9	110.0	8.9	3.7			
		TCE-WQM3A	Cloudy	Moderate	9:42	4.2	Surface	1.0	1	17.1	8.1	30.4	8.9	109.7	7.7	1.5	8.9	7.8	1.3
									2	17.1	8.1	30.5	8.9	109.8	7.7	1.0			
							Bottom	3.2	1	17.2	8.1	30.8	9.0	110.4	8.0	1.2			
									2	17.2	8.1	30.8	9.0	110.4	8.0	1.3			
							Surface	1.0	1	17.3	8.1	30.7	8.9	110.0	7.2	0.6			
									2	17.3	8.1	30.7	8.9	110.0	7.2	0.3			
TCE-WQM4	Cloudy	Moderate	9:53	3.2	Bottom	2.2	1	17.2	8.1	30.7	8.9	110.1	7.2	0.3	8.9	7.2	0.5		
							2	17.2	8.1	30.7	8.9	110.1	7.2	0.7					

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)		
2022-03-11	Mid-Ebb	TCE-C1	Sunny	Moderate	18:16	8.7	Surface	1.0	1	17.9	8.1	25.4	10.4	125.8	8.5	1.8	10.3	9.5	3.0		
									2	17.9	8.1	25.4	10.4	125.8	8.9	1.8					
							Middle	4.4	1	17.9	8.1	28.2	10.2	125.6	9.4	3.4					
									2	17.9	8.1	28.2	10.2	125.6	9.4	3.1					
							Bottom	7.7	1	17.9	8.1	29.2	10.1	125.6	10.1	4.0					
									2	17.9	8.1	29.2	10.1	125.6	10.8	3.9					
		TCE-C2	Sunny	Moderate	20:20	12.9	Surface	1.0	1	18.2	8.1	25.8	10.0	122.7	5.1	1.9	10.0	5.3	2.2		
									2	18.2	8.1	25.8	10.0	122.7	5.1	2.0					
							Middle	6.5	1	18.2	8.1	28.5	9.9	122.4	5.2	2.0					
									2	18.2	8.1	28.5	9.9	122.5	5.2	2.2					
							Bottom	11.9	1	18.1	8.1	29.8	9.8	122.7	5.5	2.5					
									2	18.1	8.1	29.8	9.8	122.8	5.5	2.8					
		TCE-WQM1	Sunny	Moderate	19:00	8.2	Surface	1.0	1	17.9	8.1	26.4	10.1	123.4	6.0	3.2	10.1	6.2	2.5		
									2	17.9	8.1	26.5	10.1	123.3	6.1	3.4					
							Middle	4.1	1	17.9	8.1	27.6	10.1	123.5	6.3	2.3					
									2	17.9	8.1	27.6	10.1	123.6	6.4	2.6					
							Bottom	7.2	1	17.9	8.1	28.6	10.0	123.9	6.3	2.0					
									2	17.9	8.1	28.6	10.1	124.0	6.3	1.6					
		TCE-WQM2a	Sunny	Moderate	19:36	7.2	Surface	1.0	1	18.1	8.1	26.7	10.1	123.7	5.2	3.0	10.1	5.2	2.1		
									2	18.1	8.1	26.7	10.1	123.7	5.2	2.6					
							Middle	3.6	1	18.0	8.1	28.2	10.1	124.3	5.2	1.9					
									2	18.0	8.1	28.6	10.1	124.4	5.1	2.0					
							Bottom	6.2	1	17.8	8.1	28.6	10.2	125.2	5.1	1.8					
									2	17.8	8.1	28.6	10.2	125.3	5.2	1.4					
		TCE-WQM2b	Sunny	Moderate	19:44	11.4	Surface	1.0	1	18.2	8.1	27.2	10.0	122.8	5.2	2.0	9.9	6.8	2.2		
									2	18.2	8.1	27.2	10.0	122.8	5.3	2.2					
							Middle	5.7	1	18.2	8.1	28.3	9.9	122.6	6.2	2.2					
									2	18.2	8.1	28.3	9.9	122.5	6.8	2.3					
							Bottom	10.4	1	18.1	8.1	28.6	9.9	122.7	8.6	2.4					
									2	18.1	8.1	28.6	9.9	122.7	8.6	2.3					
		TCE-WQM3A	Sunny	Moderate	19:25	4.1	Surface	1.0	1	17.8	8.1	27.9	9.9	121.7	5.9	1.4	9.9	6.3	2.0		
									2	17.8	8.1	27.9	9.9	121.7	5.9	1.1					
							Bottom	3.1	1	17.9	8.1	28.8	9.9	121.7	6.6	2.7					
									2	17.6	8.1	28.8	9.9	121.7	6.9	2.6					
		TCE-WQM4	Sunny	Moderate	19:11	3.2	Surface	1.0	1	17.6	8.1	27.6	10.0	122.3	8.2	2.3	10.0	9.0	1.7		
									2	17.7	8.1	27.7	10.0	122.4	8.3	2.1					
							Bottom	2.2	1	17.7	8.1	29.0	10.0	122.9	9.5	1.2					
									2	17.9	8.1	29.0	9.9	123.0	9.9	1.3					
		2022-03-11	Mid-Flood	TCE-C1	Cloudy	Moderate	8:36	8.6	Surface	1.0	1	17.9	8.1	25.2	10.2	123.0	12.2	2.0	10.1	10.7	2.3
											2	17.9	8.1	25.2	10.2	122.9	12.1	1.9			
									Middle	4.3	1	17.9	8.1	28.0	10.0	122.6	9.7	2.3			
											2	17.9	8.1	28.0	10.0	122.6	9.6	2.3			
									Bottom	7.6	1	17.9	8.1	29.0	9.9	122.5	10.0	2.7			
											2	17.8	8.1	29.0	9.9	122.5	10.4	2.6			
				TCE-C2	Cloudy	Moderate	6:49	13.2	Surface	1.0	1	17.9	8.1	25.7	9.9	119.8	4.9	3.5	9.8	5.4	2.8
											2	17.9	8.1	25.7	9.9	119.8	5.3	3.5			
									Middle	6.6	1	17.9	8.1	28.3	9.7	119.5	5.7	2.8			
											2	17.8	8.1	28.3	9.7	119.5	5.7	2.8			
Bottom	12.2								1	17.8	8.0	29.6	9.7	120.0	5.5	2.1					
									2	17.5	8.0	29.7	9.8	120.2	5.4	2.2					
TCE-WQM1	Cloudy			Moderate	7:54	7.9	Surface	1.0	1	17.8	8.1	26.3	9.9	120.4	7.0	1.3	9.9	9.9	2.2		
									2	17.8	8.1	26.3	9.9	120.4	7.3	1.8					
							Middle	4.0	1	17.8	8.1	27.4	9.8	120.0	10.1	2.4					
									2	17.8	8.1	27.4	9.8	120.0	10.3	2.4					
							Bottom	6.9	1	17.8	8.1	28.5	9.7	119.8	12.1	2.5					
									2	17.6	8.1	28.5	9.8	119.8	12.6	2.6					
TCE-WQM2a	Cloudy			Moderate	7:24	6.9	Surface	1.0	1	17.7	8.1	26.6	9.9	120.1	7.2	2.8	9.8	7.4	2.0		
									2	17.7	8.1	26.6	9.9	120.1	7.2	2.4					
							Middle	3.5	1	17.8	8.1	28.0	9.8	119.8	7.5	1.8					
									2	17.8	8.1	28.4	9.7	119.8	7.6	1.9					
							Bottom	5.9	1	17.7	8.1	28.4	9.8	119.9	7.4	1.4					
									2	17.7	8.1	28.5	9.8	119.8	7.4	1.5					
TCE-WQM2b	Cloudy			Moderate	7:13	11.4	Surface	1.0	1	17.7	8.1	28.5	9.7	119.6	5.9	5.0	9.7	7.1	3.3		
									2	17.7	8.1	28.5	9.7	119.6	5.9	4.7					
							Middle	5.7	1	17.7	8.1	28.2	9.7	119.2	6.5	2.8					
									2	17.7	8.1	28.1	9.7	119.1	6.6	2.6					
							Bottom	10.4	1	17.7	8.1	28.4	9.7	118.6	8.9	2.4					
									2	17.9	8.1	28.4	9.6	118.6	8.9	2.5					
TCE-WQM3A	Cloudy			Moderate	7:35	4.5	Surface	1.0	1	17.4	8.1	27.4	9.8	118.3	7.7	2.9	9.8	7.8	2.6		
									2	17.5	8.1	27.5	9.7	118.4	7.7	3.0					
							Bottom	3.5	1	17.5	8.1	28.8	9.7	119.0	8.0	2.3					
									2	17.7	8.1	28.8	9.7	119.0	8.0	2.3					
TCE-WQM4	Cloudy			Moderate	7:44	3.2	Surface	1.0	1	17.6	8.1	27.7	9.7	118.6	7.2	2.6	9.7	7.2	2.0		
									2	17.5	8.1	27.7	9.7	118.6	7.2	2.5					
							Bottom	2.2	1	17.5	8.1	28.7	9.7	118.7	7.2	1.5					
									2	17.4	8.1	28.7	9.7	118.7	7.2	1.5					

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)		
2022-03-14	Mid-Ebb	TCE-C1	Sunny	Moderate	12:20	8.4	Surface	1.0	1	20.7	8.4	21.7	12.4	157.6	1.6	2.2	11.1	3.8	2.3		
									2	20.7	8.4	21.7	12.4	157.5	1.6	2.3					
							Middle	4.2	1	17.9	8.1	29.6	9.7	122.1	3.7	2.4					
									2	17.9	8.1	29.6	9.7	121.9	3.6	2.0					
							Bottom	7.4	1	17.6	8.1	30.3	9.3	116.8	6.3	2.2					
									2	17.6	8.1	30.3	9.3	117.1	6.3	2.9					
		TCE-C2	Fine	Moderate	10:22	13.8	Surface	1.0	1	20.1	8.3	24.3	10.6	135.2	1.2	2.4	9.8	1.3	2.6		
									2	20.1	8.3	24.3	10.6	135.1	1.2	2.9					
							Middle	6.9	1	18.0	8.1	29.5	8.9	112.4	1.4	2.8					
									2	17.9	8.1	29.6	8.9	112.1	1.4	2.5					
							Bottom	12.8	1	17.8	8.1	30.0	8.5	107.0	1.4	2.0					
									2	17.8	8.1	30.0	8.5	107.0	1.4	2.9					
		TCE-WQM1	Sunny	Moderate	11:37	7.8	Surface	1.0	1	20.0	8.3	24.9	10.2	130.4	2.5	3.2	9.9	3.4	2.7		
									2	20.0	8.3	24.9	10.2	130.3	2.5	3.5					
							Middle	3.9	1	19.5	8.2	26.2	9.6	121.8	2.9	3.4					
									2	19.5	8.2	26.3	9.6	121.7	2.9	2.6					
							Bottom	6.8	1	19.2	8.2	27.0	9.2	116.4	4.6	1.8					
									2	19.2	8.2	27.0	9.2	116.2	4.9	1.5					
		TCE-WQM2a	Fine	Moderate	11:03	7.3	Surface	1.0	1	19.8	8.3	25.6	11.6	147.8	2.1	1.9	10.9	5.5	2.6		
									2	19.8	8.3	25.6	11.6	147.8	2.1	2.4					
							Middle	3.7	1	18.9	8.2	27.0	10.2	128.7	6.5	2.0					
									2	19.0	8.2	26.9	10.2	128.9	6.1	2.8					
							Bottom	6.3	1	18.1	8.1	29.2	8.6	107.7	7.6	3.4					
									2	18.1	8.1	29.2	8.6	107.7	8.6	2.8					
		TCE-WQM2b	Fine	Moderate	10:51	12.1	Surface	1.0	1	20.2	8.4	23.1	11.3	143.3	1.5	2.0	10.0	1.7	1.5		
									2	20.2	8.4	23.1	11.3	143.1	1.5	1.3					
							Middle	6.1	1	18.2	8.1	28.8	8.8	110.4	1.8	1.4					
									2	18.1	8.1	28.9	8.8	110.2	1.8	1.5					
							Bottom	11.1	1	17.7	8.0	29.9	8.1	102.3	2.0	1.6					
									2	17.7	8.0	29.9	8.2	102.4	2.0	1.3					
		TCE-WQM3A	Fine	Moderate	11:15	4.1	Surface	1.0	1	20.4	8.3	24.1	10.8	138.0	3.1	1.6	10.8	4.1	1.6		
									2	20.4	8.3	24.1	10.8	138.0	3.1	1.2					
							Bottom	3.1	1	19.8	8.3	25.7	10.2	130.6	5.1	1.6					
		TCE-WQM4	Fine	Moderate	11:26	3.1	Surface	1.0	1	20.5	8.3	24.6	10.4	133.2	1.7	1.3	10.4	1.8	2.1		
									2	20.5	8.3	24.6	10.4	133.1	1.7	1.5					
							Bottom	2.1	1	20.2	8.3	25.3	10.1	129.9	2.0	3.1					
		2022-03-14	Mid-Flood	TCE-C1	Sunny	Moderate	14:16	8.2	Surface	1.0	1	20.3	8.4	22.7	12.2	153.8	1.6	2.5	11.0	3.7	2.2
											2	20.3	8.4	22.6	12.2	153.6	1.6	2.6			
									Middle	4.1	1	17.9	8.1	29.6	9.8	123.0	3.4	2.4			
											2	17.9	8.1	29.6	9.8	122.9	3.3	2.1			
									Bottom	7.2	1	17.6	8.1	30.3	9.3	116.8	6.1	1.5			
											2	17.6	8.1	30.3	9.3	116.9	6.2	1.9			
				TCE-C2	Sunny	Moderate	15:58	13.6	Surface	1.0	1	20.9	8.4	23.3	11.8	151.3	1.3	2.4	10.7	1.2	2.2
											2	20.9	8.4	23.3	11.8	151.3	1.3	2.5			
									Middle	6.8	1	18.6	8.1	28.3	9.7	122.2	1.2	1.7			
											2	18.6	8.1	28.3	9.7	122.0	1.2	1.8			
									Bottom	12.6	1	17.8	8.1	29.9	8.6	108.3	1.1	2.2			
											2	17.9	8.1	29.9	8.6	108.4	1.1	2.7			
TCE-WQM1	Sunny			Calm	14:52	7.8	Surface	1.0	1	19.9	8.3	25.3	10.3	131.8	3.0	3.0	10.2	3.8	2.3		
									2	19.9	8.3	25.2	10.3	131.7	3.0	2.5					
							Middle	3.9	1	19.7	8.2	25.9	10.1	128.3	3.5	2.5					
									2	19.6	8.2	26.0	10.0	127.2	3.6	2.0					
							Bottom	6.8	1	19.3	8.2	26.9	9.2	116.9	4.7	1.9					
									2	19.3	8.2	26.9	9.2	116.8	4.7	1.8					
TCE-WQM2a	Sunny			Moderate	15:24	7.1	Surface	1.0	1	20.6	8.3	24.7	10.8	139.6	1.7	2.1	10.6	2.3	2.1		
									2	20.6	8.3	24.7	10.8	139.6	1.7	1.8					
							Middle	3.6	1	19.3	8.2	26.6	10.3	131.2	1.6	2.6					
									2	19.3	8.2	26.6	10.3	130.6	1.6	2.2					
							Bottom	6.1	1	18.2	8.1	29.0	9.1	114.6	3.7	1.8					
									2	18.2	8.1	29.0	9.1	114.5	3.9	2.0					
TCE-WQM2b	Sunny			Moderate	15:35	11.2	Surface	1.0	1	21.3	8.5	21.0	12.7	162.5	1.2	3.0	10.9	1.5	1.9		
									2	21.3	8.5	21.0	12.7	162.4	1.2	2.3					
							Middle	5.6	1	18.3	8.1	28.6	9.2	115.3	1.8	1.5					
									2	18.3	8.1	28.6	9.2	115.3	1.7	1.7					
							Bottom	10.2	1	17.8	8.0	29.8	8.1	101.6	1.6	1.4					
									2	17.8	8.0	29.8	8.1	101.6	1.7	1.3					
TCE-WQM3A	Sunny			Calm	15:12	4.1	Surface	1.0	1	19.9	8.3	25.9	10.4	133.5	3.6	1.6	10.4	5.3	1.6		
									2	19.9	8.3	25.9	10.4	133.5	3.6	1.3					
							Bottom	3.1	1	19.6	8.2	26.5	9.8	125.0	7.0	1.8					
TCE-WQM4	Sunny			Calm	15:03	3.5	Surface	1.0	1	20.5	8.3	24.9	10.5	135.2	1.6	2.4	10.5	3.6	2.1		
									2	20.5	8.3	24.9	10.5	135.2	1.6	2.1					
							Bottom	2.5	1	20.2	8.3	25.6	11.0	141.1	5.5	2.0					
				2	20.2	8.3	25.6	11.0	141.2	5.5	1.8										

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)		
2022-03-16	Mid-Ebb	TCE-C1	Cloudy	Moderate	10:38	8.2	Surface	1.0	1	19.2	8.1	25.6	9.5	119.6	1.6	2.6	9.3	5.0	2.2		
									2	19.1	8.1	25.6	9.5	119.2	1.9	2.6					
							Middle	4.1	1	18.6	8.1	28.1	9.2	116.1	4.8	2.4					
									2	18.6	8.1	28.1	9.2	115.9	4.8	2.4					
							Bottom	7.2	1	18.4	8.1	28.7	8.9	112.6	8.5	1.7					
									2	18.4	8.1	28.7	8.9	112.5	8.6	1.4					
		TCE-C2	Cloudy	Moderate	12:23	14.4	Surface	1.0	1	18.7	8.1	28.3	9.3	118.1	0.7	1.8	9.1	0.6	2.7		
									2	18.6	8.1	28.5	9.3	117.8	0.7	2.1					
							Middle	7.2	1	18.4	8.1	29.1	8.8	111.8	0.5	2.9					
									2	18.4	8.1	29.2	8.8	111.6	0.5	3.1					
							Bottom	13.4	1	18.4	8.0	29.2	8.7	109.9	0.6	3.2					
									2	18.4	8.0	29.1	8.7	109.7	0.6	3.3					
		TCE-WQM1	Cloudy	Moderate	11:17	8.0	Surface	1.0	1	20.4	8.2	25.4	9.2	118.0	3.4	2.7	9.1	5.6	1.4		
									2	20.4	8.2	25.4	9.2	117.9	3.3	2.6					
							Middle	4.0	1	20.4	8.2	25.4	9.1	117.2	4.2	0.9					
									2	20.3	8.2	25.5	9.1	117.0	4.5	0.9					
							Bottom	7.0	1	20.3	8.2	25.6	8.9	114.8	8.7	0.6					
									2	20.3	8.2	25.6	8.9	114.6	9.3	0.7					
		TCE-WQM2a	Cloudy	Moderate	11:48	7.5	Surface	1.0	1	19.7	8.2	25.5	9.7	123.1	0.8	1.1	9.6	2.6	1.7		
									2	19.7	8.2	25.5	9.7	123.1	0.8	0.9					
							Middle	3.8	1	19.1	8.1	27.0	9.6	121.8	2.7	1.8					
									2	19.1	8.1	27.1	9.6	121.7	3.0	1.7					
							Bottom	6.5	1	18.8	8.1	27.9	9.1	115.2	4.0	2.2					
									2	18.8	8.1	27.9	9.1	115.2	4.3	2.2					
		TCE-WQM2b	Cloudy	Moderate	11:59	11.4	Surface	1.0	1	19.8	8.1	25.6	9.5	121.4	1.0	2.7	9.3	0.9	3.5		
									2	19.8	8.1	25.6	9.5	121.4	0.9	2.9					
							Middle	5.7	1	18.5	8.1	28.9	9.0	114.6	0.8	3.0					
									2	18.5	8.1	28.9	9.0	114.4	0.9	3.2					
							Bottom	10.4	1	18.5	8.1	28.9	8.9	112.8	0.8	4.5					
									2	18.5	8.1	28.9	8.9	112.7	0.8	4.8					
		TCE-WQM3A	Cloudy	Moderate	11:38	4.9	Surface	1.0	1	20.0	8.2	24.6	9.6	122.0	1.7	1.5	9.6	4.5	2.1		
									2	20.0	8.2	24.6	9.6	121.9	1.8	1.5					
							Bottom	3.9	1	19.8	8.1	25.2	9.1	115.8	7.4	2.6					
									2	19.8	8.1	25.2	9.1	115.5	7.3	2.7					
		TCE-WQM4	Cloudy	Moderate	11:28	3.4	Surface	1.0	1	20.0	8.2	25.4	9.7	124.3	1.8	4.0	9.7	1.8	3.1		
									2	20.0	8.2	25.4	9.7	124.2	1.8	3.6					
							Bottom	2.4	1	20.0	8.2	25.4	9.5	121.7	1.8	2.6					
									2	20.0	8.2	25.4	9.5	121.2	1.8	2.2					
									2	20.0	8.2	25.4	9.5	121.2	1.8	2.2					
									2	20.0	8.2	25.4	9.5	121.2	1.8	2.2					
		2022-03-16	Mid-Flood	TCE-C1	Cloudy	Moderate	8:37	8.5	Surface	1.0	1	19.4	8.1	25.3	9.5	120.4	0.7	1.5	9.4	6.4	1.3
											2	19.4	8.1	25.3	9.5	120.4	0.7	1.7			
									Middle	4.3	1	18.6	8.1	28.2	9.2	116.0	5.9	1.1			
											2	18.6	8.1	28.2	9.2	115.9	6.6	1.2			
									Bottom	7.5	1	18.4	8.1	28.9	8.9	113.1	12.1	1.0			
											2	18.4	8.1	28.9	8.9	112.9	12.0	1.0			
				TCE-C2	Cloudy	Moderate	6:45	13.3	Surface	1.0	1	19.0	8.0	27.8	9.5	120.2	0.5	0.3	9.3	0.7	0.8
											2	19.0	8.0	27.7	9.5	120.1	0.5	0.3			
Middle	6.7								1	18.5	8.0	29.0	9.1	115.9	0.9	0.6					
									2	18.5	8.0	29.0	9.1	115.8	0.9	0.7					
Bottom	12.3								1	18.5	8.0	29.0	9.0	114.1	0.5	1.6					
									2	18.5	7.9	29.0	9.0	113.8	0.6	1.6					
TCE-WQM1	Cloudy			Moderate	7:53	8.2	Surface	1.0	1	20.3	8.2	25.4	9.2	118.5	2.3	1.4	9.1	2.8	1.1		
									2	20.3	8.2	25.4	9.2	118.3	2.3	1.3					
							Middle	4.1	1	20.2	8.1	25.4	9.1	116.6	2.7	1.1					
									2	20.2	8.1	25.5	9.1	116.3	2.8	1.1					
							Bottom	7.2	1	20.1	8.1	25.7	8.9	113.4	3.3	0.9					
									2	20.1	8.1	25.6	8.8	113.2	3.3	0.8					
TCE-WQM2a	Cloudy			Moderate	7:19	7.7	Surface	1.0	1	19.7	8.2	25.5	9.8	124.1	0.5	0.9	9.6	3.1	0.6		
									2	19.7	8.2	25.5	9.8	124.1	0.5	1.0					
							Middle	3.9	1	19.2	8.1	26.8	9.5	120.5	3.1	0.7					
									2	19.2	8.1	26.8	9.5	120.4	3.0	0.7					
							Bottom	6.7	1	19.1	8.1	27.1	9.2	117.1	5.8	0.3					
									2	19.1	8.1	27.1	9.2	117.0	5.8	0.3					
TCE-WQM2b	Cloudy			Moderate	7:08	11.4	Surface	1.0	1	19.5	8.1	25.9	9.6	121.6	0.9	0.9	9.5	1.2	0.7		
									2	19.5	8.1	25.9	9.6	121.5	0.9	0.8					
							Middle	5.7	1	19.3	8.1	26.6	9.4	118.6	1.0	0.6					
									2	19.3	8.1	26.6	9.3	118.5	1.0	0.6					
							Bottom	10.4	1	18.8	8.0	27.7	8.8	111.7	1.8	0.5					
									2	18.8	8.0	27.7	8.8	111.4	1.9	0.6					
TCE-WQM3A	Cloudy			Moderate	7:30	4.3	Surface	1.0	1	20.0	8.2	24.6	9.6	122.0	0.7	0.7	9.6	1.8	1.7		
									2	20.0	8.2	24.6	9.6	121.9	0.8	0.9					
							Bottom	3.3	1	19.9	8.1	25.0	9.3	117.5	2.9	2.5					
									2	19.9	8.1	25.0	9.2	117.4	2.8	2.5					
TCE-WQM4	Cloudy			Moderate	7:40	3.5	Surface	1.0	1	19.9	8.2	25.1	9.7	123.1	0.9	0.8	9.7	1.8	1.1		
									2	19.9	8.2	25.2	9.7	123.1	0.9	0.7					
							Bottom	2.5	1	19.8	8.1	25.8	9.4	119.9	2.7	1.6					
									2	19.8	8.1	25.8	9.4	119.8	2.8	1.2					

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)		
2022-03-18	Mid-Ebb	TCE-C1	Foggy	Rough	11:42	7.7	Surface	1.0	1	20.5	8.2	27.3	9.9	128.5	3.4	5.8	9.5	2.8	5.5		
									2	20.5	8.2	27.3	9.9	128.4	3.4	5.9					
							Middle	3.9	1	19.4	8.1	29.8	9.2	118.9	2.1	5.5					
									2	19.4	8.1	29.8	9.2	118.9	2.1	5.5					
							Bottom	6.7	1	19.4	8.1	30.0	9.1	118.1	3.0	5.2					
									2	19.4	8.1	30.0	9.1	118.1	3.0	5.3					
		TCE-C2	Foggy	Moderate	13:42	13.1	Surface	1.0	1	21.4	8.2	26.1	9.6	126.0	2.4	6.2	9.6	5.1	5.1		
									2	21.4	8.2	26.1	9.6	126.0	2.4	5.8					
							Middle	6.6	1	20.5	8.2	27.0	9.7	126.3	7.0	4.7					
									2	20.6	8.2	27.0	9.7	126.2	7.0	4.7					
							Bottom	12.1	1	20.2	8.2	27.3	9.3	120.5	6.0	4.5					
									2	20.2	8.2	27.3	9.3	120.5	6.0	4.5					
		TCE-WQM1	Foggy	Moderate	12:25	10.6	Surface	1.0	1	20.8	8.2	27.1	9.9	129.0	3.4	2.8	9.7	3.8	3.1		
									2	20.8	8.2	27.1	9.8	129.0	3.4	2.8					
							Middle	5.3	1	20.4	8.2	27.3	9.5	124.1	4.0	3.3					
									2	20.4	8.2	27.3	9.5	123.9	4.0	3.0					
							Bottom	9.6	1	20.3	8.2	27.6	9.3	120.7	4.0	3.4					
									2	20.3	8.2	27.6	9.3	120.4	4.0	3.4					
		TCE-WQM2a	Foggy	Moderate	13:04	7.6	Surface	1.0	1	20.4	8.2	26.9	9.5	123.5	7.0	2.1	9.5	7.9	2.6		
									2	20.4	8.2	26.9	9.5	123.5	7.0	2.3					
							Middle	3.8	1	20.4	8.2	27.1	9.4	122.1	8.4	2.5					
									2	20.4	8.2	27.1	9.4	122.1	8.4	2.6					
							Bottom	6.6	1	20.2	8.2	27.3	9.3	120.4	8.1	2.9					
									2	20.2	8.2	27.3	9.3	120.4	8.2	2.9					
		TCE-WQM2b	Foggy	Moderate	13:17	10.4	Surface	1.0	1	21.3	8.2	26.1	9.5	125.1	2.6	4.4	9.4	5.5	3.8		
									2	21.3	8.2	26.1	9.5	125.1	2.7	4.4					
							Middle	5.2	1	20.3	8.2	27.3	9.2	119.7	7.4	3.5					
									2	20.3	8.2	27.3	9.2	119.6	7.3	3.6					
							Bottom	9.4	1	20.0	8.2	28.0	9.0	116.9	6.6	3.4					
									2	20.0	8.2	28.0	9.0	116.8	6.6	3.4					
		TCE-WQM3A	Foggy	Calm	12:52	4.8	Surface	1.0	1	20.4	8.2	26.8	9.6	123.9	6.9	3.3	9.6	6.7	3.2		
									2	20.4	8.2	26.8	9.6	123.9	6.8	3.6					
							Bottom	3.8	1	20.1	8.2	27.5	9.3	120.1	6.5	3.0					
									2	20.1	8.2	27.5	9.3	120.1	6.6	2.8					
		TCE-WQM4	Foggy	Calm	12:39	4.1	Surface	1.0	1	20.4	8.2	26.8	9.5	123.5	6.6	6.0	9.5	5.6	5.2		
									2	20.4	8.2	26.8	9.5	123.5	6.6	6.2					
							Bottom	3.1	1	19.6	8.1	29.3	8.9	115.8	4.6	4.3					
									2	19.6	8.1	29.3	8.9	115.6	4.7	4.4					
		2022-03-18	Mid-Flood	TCE-C1	Foggy	Moderate	8:02	8.4	Surface	1.0	1	20.5	8.2	27.3	9.9	128.8	2.5	3.4	9.8	2.8	3.3
											2	20.5	8.2	27.3	9.9	128.7	2.6	3.5			
									Middle	4.2	1	20.4	8.2	27.4	9.8	127.3	3.5	3.4			
											2	20.4	8.2	27.4	9.8	127.3	3.5	3.4			
									Bottom	7.4	1	19.8	8.2	28.7	9.4	122.6	2.5	3.1			
											2	19.8	8.2	28.7	9.4	122.6	2.5	3.2			
				TCE-C2	Foggy	Moderate	5:58	15.5	Surface	1.0	1	19.8	8.1	28.9	9.3	120.4	2.2	3.5	9.2	2.1	4.2
											2	19.8	8.1	29.0	9.2	120.0	2.2	3.8			
									Middle	7.8	1	19.3	8.1	29.9	9.1	117.3	2.2	4.3			
											2	19.3	8.1	29.9	9.1	117.3	2.2	4.1			
Bottom	14.5								1	19.2	8.1	30.3	9.0	116.5	2.0	4.7					
									2	19.2	8.1	30.3	9.0	116.5	2.0	5.0					
TCE-WQM1	Foggy			Calm	7:16	11.6	Surface	1.0	1	20.4	8.2	27.4	9.8	127.6	4.3	4.4	9.6	4.4	4.2		
									2	20.4	8.2	27.4	9.8	127.6	4.4	4.7					
							Middle	5.8	1	19.9	8.1	28.5	9.4	121.6	5.9	4.2					
									2	19.9	8.1	28.5	9.4	121.5	5.7	4.1					
							Bottom	10.6	1	19.4	8.1	29.9	9.0	117.2	3.0	3.7					
									2	19.4	8.1	29.9	9.0	117.2	2.9	3.9					
TCE-WQM2a	Foggy			Moderate	6:38	7.9	Surface	1.0	1	19.7	8.1	29.2	9.3	121.1	2.4	4.7	9.2	2.7	3.6		
									2	19.7	8.1	29.2	9.3	121.1	2.4	4.7					
							Middle	4.0	1	19.3	8.1	30.1	9.1	117.8	2.6	3.3					
									2	19.3	8.1	30.1	9.1	117.8	2.7	3.2					
							Bottom	6.9	1	19.2	8.1	30.6	9.0	117.2	3.2	2.8					
									2	19.2	8.1	30.6	9.0	117.2	3.2	2.6					
TCE-WQM2b	Foggy			Moderate	6:28	11.2	Surface	1.0	1	19.9	8.1	28.9	9.4	121.7	2.1	2.6	9.1	2.3	2.9		
									2	19.8	8.1	29.0	9.4	121.6	2.1	2.8					
							Middle	5.6	1	19.2	8.1	30.5	8.9	115.9	2.2	2.9					
									2	19.2	8.1	30.6	8.9	115.9	2.2	2.9					
							Bottom	10.2	1	19.1	8.1	30.7	8.9	115.4	2.6	3.2					
									2	19.1	8.1	30.7	8.9	115.3	2.6	3.2					
TCE-WQM3A	Foggy			Calm	6:54	4.9	Surface	1.0	1	19.8	8.1	29.1	9.4	122.1	2.2	3.9	9.4	2.2	3.6		
									2	19.8	8.1	29.1	9.4	122.2	2.1	4.0					
							Bottom	3.9	1	19.5	8.1	29.8	9.2	119.9	2.2	3.4					
									2	19.5	8.1	29.8	9.2	119.9	2.1	3.0					
TCE-WQM4	Foggy			Calm	7:06	5.8	Surface	1.0	1	20.4	8.2	27.4	9.7	125.8	3.5	3.6	9.7	4.2	3.3		
									2	20.4	8.2	27.4	9.7	125.8	3.5	3.4					
							Bottom	4.8	1	19.4	8.1	30.0	8.9	115.4	4.9	3.1					
									2	19.4	8.1	30.0	8.9	115.3	5.0	3.2					

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)
2022-03-21	Mid-Ebb	TCE-C1	Fine	Rough	13:19	8.1	Surface	1.0	1	20.2	8.1	26.7	8.1	104.2	3.4	4.5	8.0	7.6	6.6
									2	20.2	8.1	26.7	8.1	104.0	3.3	4.6			
							Middle	4.1	1	20.1	8.1	26.7	8.0	103.5	9.3	7.2			
									2	20.1	8.1	26.7	8.0	103.4	9.4	6.2			
							Bottom	7.1	1	20.1	8.1	26.8	8.0	103.0	10.2	8.5			
									2	20.1	8.1	26.8	8.0	103.0	10.1	8.3			
		TCE-C2	Fine	Rough	15:03	15.4	Surface	1.0	1	20.0	8.1	27.7	8.7	113.0	6.8	4.8	8.7	10.0	4.4
									2	20.0	8.1	27.7	8.7	113.0	6.8	4.2			
							Middle	7.7	1	20.0	8.2	27.7	8.7	112.4	9.2	4.4			
									2	20.0	8.2	27.7	8.7	112.4	9.2	4.4			
							Bottom	14.4	1	19.9	8.1	27.9	8.5	110.3	14.1	4.2			
									2	19.9	8.1	27.9	8.5	110.3	14.1	4.3			
		TCE-WQM1	Fine	Moderate	13:50	9.9	Surface	1.0	1	20.1	8.1	26.8	8.2	105.4	3.5	3.6	8.1	5.4	3.7
									2	20.1	8.1	26.8	8.2	105.4	3.6	3.8			
							Middle	5.0	1	20.1	8.1	26.9	8.1	105.0	4.4	3.4			
									2	20.1	8.1	26.9	8.1	104.9	4.5	4.0			
							Bottom	8.9	1	20.0	8.1	26.9	8.1	104.2	8.1	3.6			
									2	20.0	8.1	26.9	8.1	104.2	8.2	3.6			
		TCE-WQM2a	Fine	Moderate	14:20	7.8	Surface	1.0	1	20.5	8.1	26.5	8.1	104.8	3.0	5.3	8.1	4.3	5.2
									2	20.5	8.1	26.5	8.1	104.8	3.0	5.1			
							Middle	3.9	1	20.4	8.1	26.7	8.1	104.5	3.9	5.1			
									2	20.4	8.1	26.7	8.1	104.5	3.9	4.8			
							Bottom	6.8	1	20.4	8.1	26.7	8.1	104.3	6.2	5.2			
									2	20.4	8.1	26.7	8.1	104.3	6.2	5.6			
		TCE-WQM2b	Fine	Rough	14:34	10.3	Surface	1.0	1	20.0	8.2	27.6	8.7	112.9	6.4	6.7	8.6	8.2	7.1
									2	20.0	8.2	27.6	8.7	112.6	6.5	7.5			
							Middle	5.2	1	19.9	8.2	27.8	8.5	110.3	8.7	7.4			
									2	19.9	8.2	27.8	8.5	110.3	8.7	7.0			
							Bottom	9.3	1	19.9	8.2	27.9	8.4	108.3	9.6	6.6			
									2	19.9	8.2	27.9	8.4	108.2	9.6	7.6			
		TCE-WQM3A	Fine	Moderate	14:12	5.2	Surface	1.0	1	20.4	8.1	26.6	8.1	104.6	3.6	4.2	8.1	4.4	4.1
									2	20.4	8.1	26.6	8.1	104.6	3.6	4.0			
							Bottom	4.2	1	20.3	8.1	26.8	8.0	103.8	5.1	4.2			
									2	20.3	8.1	26.8	8.0	103.8	5.2	4.0			
		TCE-WQM4	Fine	Moderate	14:01	4.9	Surface	1.0	1	20.1	8.1	26.8	8.2	105.4	6.1	4.1	8.2	6.7	3.9
									2	20.1	8.1	26.8	8.2	105.4	6.1	3.7			
							Bottom	3.9	1	20.0	8.1	26.9	8.1	104.7	7.4	4.0			
									2	20.0	8.1	26.9	8.1	104.7	7.4	3.8			
									1	20.2	8.1	26.6	8.1	105.2	3.2	5.6			
									2	20.2	8.1	26.6	8.1	105.1	3.2	6.4			
		TCE-C2	Fine	Moderate	7:12	13.6	Surface	1.0	1	19.9	8.0	27.0	8.2	105.4	2.8	5.9	8.1	5.8	5.3
									2	19.9	8.0	27.0	8.2	105.4	2.8	5.2			
							Middle	6.8	1	19.6	8.0	28.0	8.0	103.4	6.0	5.3			
									2	19.6	8.0	28.1	8.0	103.4	6.8	4.7			
							Bottom	12.6	1	19.5	8.0	28.3	8.0	102.8	8.1	5.6			
									2	19.5	8.0	28.3	8.0	102.8	8.1	5.0			
		TCE-WQM1	Fine	Calm	8:35	9.1	Surface	1.0	1	20.1	8.1	26.6	8.3	106.6	2.8	4.1	8.2	3.5	3.7
									2	20.1	8.1	26.6	8.3	106.6	2.8	3.7			
Middle	4.6						1	20.1	8.1	26.6	8.2	105.7	3.4	3.4					
							2	20.1	8.1	26.6	8.2	105.6	3.5	3.8					
Bottom	8.1						1	20.1	8.1	26.7	8.2	105.4	4.4	3.3					
							2	20.1	8.1	26.7	8.2	105.5	4.3	3.6					
TCE-WQM2a	Fine	Moderate	7:58	6.8	Surface	1.0	1	20.0	8.1	26.9	8.1	104.4	5.9	5.6	8.1	6.2	4.8		
							2	20.0	8.1	26.9	8.1	104.4	5.9	5.4					
					Middle	3.4	1	20.0	8.1	26.9	8.1	104.1	5.6	3.9					
							2	20.0	8.1	26.9	8.1	104.0	5.6	4.6					
					Bottom	5.8	1	20.0	8.1	26.9	8.0	103.4	7.0	4.5					
							2	20.0	8.1	26.9	8.0	103.3	7.0	4.6					
TCE-WQM2b	Fine	Moderate	7:43	8.7	Surface	1.0	1	19.9	8.0	27.0	8.2	105.6	2.8	7.5	8.2	3.3	8.0		
							2	19.9	8.0	27.0	8.2	105.5	2.8	7.4					
					Middle	4.4	1	19.9	8.0	27.2	8.1	104.8	3.2	8.0					
							2	19.9	8.0	27.2	8.1	104.8	3.3	8.5					
					Bottom	7.7	1	19.6	8.0	28.0	8.1	104.0	3.9	8.8					
							2	19.6	8.0	28.0	8.1	104.0	4.0	7.8					
TCE-WQM3A	Fine	Calm	8:08	4.1	Surface	1.0	1	20.0	8.1	26.9	8.1	104.6	4.9	3.6	8.1	5.6	4.2		
							2	20.0	8.1	26.9	8.1	104.6	5.0	4.1					
					Bottom	3.1	1	20.0	8.1	26.9	8.1	104.1	6.2	4.3					
							2	20.0	8.1	26.9	8.1	104.1	6.2	4.9					
TCE-WQM4	Fine	Calm	8:23	3.9	Surface	1.0	1	20.1	8.1	26.6	8.2	106.3	3.2	3.5	8.2	3.7	4.0		
							2	20.1	8.1	26.6	8.2	106.2	3.2	4.1					
					Bottom	2.9	1	20.1	8.1	26.7	8.1	104.7	4.3	4.0					
							2	20.1	8.1	26.7	8.1	104.7	4.2	4.3					

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)
2022-03-23	Mid-Ebb	TCE-C1	Rainy	Moderate	14:48	8.0	Surface	1.0	1	20.5	8.0	27.7	8.3	108.1	5.1	3.4	8.2	6.4	3.2
									2	20.5	8.0	27.8	8.3	108.3	5.1	2.8			
							Middle	4.0	1	20.5	8.0	29.5	8.2	107.7	6.1	3.4			
									2	20.5	8.0	29.4	8.2	107.6	6.2	3.8			
							Bottom	7.0	1	20.6	8.0	29.1	7.8	103.5	8.0	3.3			
									2	20.6	8.0	29.0	7.8	103.1	8.0	2.7			
		TCE-C2	Rainy	Moderate	16:36	12.4	Surface	1.0	1	21.2	7.9	26.4	7.6	99.8	2.1	3.9	7.6	3.3	3.1
									2	21.2	7.9	26.4	7.6	99.8	2.2	3.8			
							Middle	6.2	1	21.1	7.9	26.4	7.6	99.7	3.5	2.3			
									2	21.1	7.9	26.4	7.6	99.7	3.4	3.1			
							Bottom	11.4	1	21.1	7.9	26.4	7.6	99.7	4.3	2.6			
									2	21.1	7.9	26.4	7.6	99.7	4.4	2.8			
		TCE-WQM1	Rainy	Moderate	15:26	8.6	Surface	1.0	1	20.9	7.9	27.5	7.4	96.7	4.1	3.5	7.3	5.1	3.0
									2	20.9	7.9	27.5	7.3	96.7	4.1	3.0			
							Middle	4.3	1	21.6	7.9	27.6	7.2	96.2	5.0	3.5			
									2	21.6	7.9	27.6	7.2	96.2	5.1	2.7			
							Bottom	7.6	1	21.6	7.9	27.5	7.2	96.0	6.1	2.6			
									2	21.6	7.9	27.5	7.2	95.9	6.2	2.7			
		TCE-WQM2a	Rainy	Moderate	15:59	8.2	Surface	1.0	1	21.3	7.9	26.9	7.3	97.0	5.1	2.5	7.3	6.5	3.2
									2	21.3	7.9	26.9	7.3	97.0	5.1	2.6			
							Middle	4.1	1	21.3	7.9	27.1	7.3	96.8	6.7	3.7			
									2	21.3	7.9	27.1	7.3	96.7	6.7	3.4			
							Bottom	7.2	1	21.2	7.9	27.1	7.3	96.5	7.8	3.7			
									2	21.2	7.9	27.1	7.3	96.4	7.9	3.3			
		TCE-WQM2b	Rainy	Moderate	16:11	10.2	Surface	1.0	1	21.3	7.9	26.5	7.5	98.4	4.0	3.0	7.4	5.5	2.8
									2	21.3	7.9	26.5	7.5	98.3	4.0	2.1			
							Middle	5.1	1	21.2	7.9	26.6	7.4	98.1	5.9	2.4			
									2	21.2	7.9	26.6	7.4	98.0	6.0	3.0			
							Bottom	9.2	1	21.0	7.9	26.6	7.4	97.9	6.6	2.9			
									2	21.0	7.9	26.6	7.4	97.9	6.5	3.6			
		TCE-WQM3A	Rainy	Moderate	15:49	4.0	Surface	1.0	1	20.7	7.9	27.0	7.4	95.9	4.2	2.7	7.4	4.6	3.2
									2	20.7	7.9	27.1	7.4	95.9	4.1	2.4			
							Bottom	3.0	1	20.9	7.9	27.1	7.3	95.9	5.2	3.6			
									2	20.9	7.9	27.1	7.3	96.0	5.1	4.2			
							Surface	1.0	1	20.9	7.9	27.0	7.4	97.0	5.9	3.2			
									2	20.9	7.9	27.0	7.4	97.0	5.8	4.0			
		TCE-WQM4	Rainy	Moderate	15:38	4.0	Surface	1.0	1	20.7	7.9	27.0	7.4	96.8	6.7	2.8	7.4	6.3	3.1
									2	20.7	7.9	27.0	7.4	96.8	6.7	2.2			
							Bottom	3.0	1	20.7	7.9	27.0	7.4	96.8	6.7	2.2			
									2	20.7	7.9	27.0	7.4	96.8	6.7	2.2			
							Surface	1.0	1	20.9	8.1	28.0	8.1	107.2	3.4	2.4			
									2	20.9	8.1	28.0	8.1	107.2	3.5	2.7			
		TCE-C2	Rainy	Moderate	8:37	12.8	Surface	1.0	1	21.4	8.0	26.8	7.5	98.9	3.9	4.3	7.5	4.9	4.5
									2	21.4	8.0	26.8	7.5	98.8	3.9	4.6			
							Middle	6.4	1	21.4	8.0	26.9	7.4	98.5	4.3	5.6			
									2	21.4	7.9	26.9	7.4	98.5	4.4	5.0			
							Bottom	11.8	1	21.4	7.9	26.9	7.5	98.7	6.5	3.5			
									2	21.4	7.9	26.9	7.5	98.7	6.5	3.9			
TCE-WQM1	Rainy	Moderate	9:46	8.2	Surface	1.0	1	20.7	8.1	28.8	8.2	108.4	5.4	3.4	8.2	6.5	2.9		
							2	20.7	8.1	28.8	8.2	108.4	5.3	3.1					
					Middle	4.1	1	20.7	8.1	29.1	8.2	107.9	6.6	3.0					
							2	20.7	8.1	29.1	8.1	107.7	6.7	2.5					
					Bottom	7.2	1	20.7	8.0	29.2	8.1	106.7	7.4	2.7					
							2	20.7	8.0	29.1	8.1	106.6	7.4	2.6					
TCE-WQM2a	Rainy	Moderate	9:14	7.3	Surface	1.0	1	21.5	8.0	26.7	7.5	99.0	6.8	7.4	7.5	7.3	7.9		
							2	21.5	8.0	26.7	7.5	99.0	6.8	7.4					
					Middle	3.7	1	21.5	8.0	26.9	7.5	98.7	7.2	7.3					
							2	21.5	8.0	27.0	7.5	98.7	7.1	8.2					
					Bottom	6.3	1	21.3	8.0	27.0	7.5	99.2	8.1	8.2					
							2	21.3	8.0	27.0	7.5	99.3	8.0	8.6					
TCE-WQM2b	Rainy	Moderate	9:00	10.6	Surface	1.0	1	21.5	8.0	26.6	7.6	99.8	4.3	7.9	7.5	5.5	5.8		
							2	21.5	8.0	26.6	7.5	99.7	4.3	7.3					
					Middle	5.3	1	21.5	8.0	26.7	7.6	99.8	5.2	6.0					
							2	21.5	8.0	26.7	7.6	99.9	5.3	5.1					
					Bottom	9.6	1	21.4	8.0	26.7	7.6	99.8	7.0	4.1					
							2	21.4	8.0	26.7	7.6	99.8	6.9	4.2					
TCE-WQM3A	Rainy	Moderate	9:25	4.0	Surface	1.0	1	20.9	8.0	27.7	8.0	105.4	1.2	2.4	8.0	1.7	2.5		
							2	20.9	8.0	27.7	8.0	105.2	1.2	2.0					
					Bottom	3.0	1	20.8	8.0	27.7	7.9	103.9	2.3	3.0					
							2	20.8	8.0	27.7	7.9	103.6	2.3	2.5					
					Surface	1.0	1	20.9	8.0	27.7	8.1	106.0	1.1	2.9					
							2	20.9	8.0	27.7	8.1	106.0	1.2	2.3					
TCE-WQM4	Rainy	Moderate	9:35	3.6	Surface	1.0	1	20.9	8.0	27.7	8.1	105.5	2.2	2.9	8.0	1.6	2.7		
							2	20.9	8.0	27.8	8.0	105.4	2.2	2.8					
					Bottom	2.6	1	20.9	8.0	27.8	8.0	105.5	2.2	2.9					
							2	20.9	8.0	27.8	8.0	105.4	2.2	2.8					

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)		
2022-03-25	Mid-Ebb	TCE-C1	Misty	Moderate	16:57	8.2	Surface	1.0	1	20.4	8.1	29.4	7.6	99.8	2.5	3.1	7.6	3.2	3.9		
									2	20.4	8.1	29.4	7.6	99.8	2.5	3.9					
							Middle	4.1	1	20.4	8.1	29.4	7.6	99.7	3.1	4.3					
									2	20.3	8.1	29.5	7.6	99.7	3.1	3.4					
							Bottom	7.2	1	20.3	8.1	29.6	7.6	100.3	4.1	3.9					
									2	20.3	8.1	29.6	7.6	100.5	4.1	4.7					
		TCE-C2	Misty	Moderate	18:29	12.2	Surface	1.0	1	19.7	8.1	31.6	7.4	19.7	7.4	97.5	3.2	3.5	7.4	4.3	4.2
									2	19.7	8.1	31.6	7.4	97.5	3.1	4.1					
							Middle	6.1	1	19.7	8.1	31.8	7.4	98.0	4.1	4.0					
									2	19.7	8.1	31.8	7.4	98.1	4.1	4.8					
							Bottom	11.2	1	19.7	8.1	31.8	7.5	98.6	5.6	4.0					
									2	19.7	8.1	31.8	7.5	98.7	5.8	4.8					
		TCE-WQM1	Misty	Moderate	17:20	8.4	Surface	1.0	1	20.4	8.1	28.9	7.6	19.7	7.6	99.5	3.1	2.8	7.6	4.2	3.3
									2	20.4	8.1	29.0	7.6	99.4	3.1	3.2					
							Middle	4.2	1	20.3	8.1	29.1	7.6	99.1	4.3	3.1					
									2	20.3	8.1	29.2	7.6	99.1	4.3	3.1					
							Bottom	7.4	1	20.3	8.1	29.2	7.6	99.6	5.1	4.0					
									2	20.3	8.1	29.2	7.6	99.7	5.1	3.6					
		TCE-WQM2a	Misty	Moderate	17:51	8.0	Surface	1.0	1	20.1	8.0	29.9	7.5	19.7	7.5	97.9	3.7	4.7	7.4	4.6	4.5
									2	20.1	8.0	29.9	7.5	97.9	3.7	4.4					
							Middle	4.0	1	20.1	8.0	30.1	7.4	97.8	4.8	4.2					
									2	20.1	8.0	30.1	7.5	97.9	4.8	3.9					
							Bottom	7.0	1	20.1	8.0	30.1	7.5	98.5	5.5	5.0					
									2	20.1	8.0	30.1	7.5	98.7	5.2	4.9					
		TCE-WQM2b	Misty	Moderate	18:01	10.4	Surface	1.0	1	20.1	8.0	30.0	7.5	19.7	7.5	98.6	1.0	3.8	7.5	1.8	3.8
									2	20.1	8.0	30.1	7.5	98.5	1.1	4.5					
							Middle	5.2	1	20.0	8.0	30.2	7.5	98.5	1.7	3.8					
									2	20.0	8.0	30.3	7.5	98.6	1.7	3.2					
							Bottom	9.4	1	20.0	8.0	30.3	7.5	99.2	2.7	4.0					
									2	20.0	8.0	30.3	7.6	99.4	2.7	3.7					
		TCE-WQM3A	Misty	Moderate	17:41	4.0	Surface	1.0	1	20.2	8.1	29.5	7.3	19.7	7.3	95.8	6.0	3.6	7.3	6.6	4.0
									2	20.2	8.1	29.5	7.3	96.0	6.1	4.3					
							Bottom	3.0	1	20.2	8.1	29.6	7.4	97.0	7.1	3.7					
									2	20.2	8.1	29.6	7.4	97.4	7.1	4.2					
							Surface	1.0	1	20.3	8.0	29.4	7.6	99.5	3.2	5.0					
									2	20.3	8.0	29.4	7.6	99.5	3.2	4.5					
		TCE-WQM4	Misty	Moderate	17:31	4.2	Surface	1.0	1	20.3	8.0	29.4	7.6	19.7	7.6	99.5	3.2	4.5	7.6	4.0	4.3
									2	20.3	8.0	29.4	7.6	99.5	3.2	4.5					
							Bottom	3.2	1	20.3	8.0	29.5	7.6	100.1	4.8	3.9					
									2	20.3	8.0	29.5	7.6	100.3	4.8	3.8					
							Surface	1.0	1	20.0	8.1	31.8	8.0	105.6	2.2	3.8					
									2	20.0	8.1	31.8	7.9	105.4	2.1	3.6					
		TCE-C1	Misty	Moderate	9:02	8.4	Surface	1.0	1	20.0	8.1	31.8	8.0	19.7	7.9	104.4	3.6	4.3	7.9	3.5	3.7
									2	20.0	8.1	31.8	7.9	105.4	2.1	3.6					
							Middle	4.2	1	19.9	8.1	32.1	7.9	104.2	3.5	3.6					
									2	19.9	8.1	32.1	7.9	104.2	3.5	3.6					
							Bottom	7.4	1	19.8	8.1	32.4	7.8	103.6	4.9	3.5					
									2	19.8	8.1	32.4	7.8	103.5	4.8	3.5					
TCE-C2	Misty	Moderate	7:13	12.4	Surface	1.0	1	19.9	8.0	30.8	7.4	19.7	7.4	97.7	1.9	3.7	7.4	2.5	3.8		
							2	19.9	8.0	30.9	7.4	97.7	1.9	3.3							
					Middle	6.2	1	19.8	8.0	31.3	7.4	97.7	2.0	3.9							
							2	19.8	8.0	31.3	7.4	97.7	2.1	4.4							
					Bottom	11.4	1	19.8	8.0	31.2	7.4	97.8	3.4	3.5							
							2	19.8	8.0	31.2	7.4	97.8	3.5	4.2							
TCE-WQM1	Misty	Moderate	8:22	8.0	Surface	1.0	1	20.4	8.1	29.0	7.6	19.7	7.6	99.5	3.8	4.4	7.6	4.6	3.6		
							2	20.4	8.1	29.0	7.6	99.6	3.9	3.7							
					Middle	4.0	1	20.2	8.1	29.9	7.6	99.8	4.4	4.0							
							2	20.2	8.1	30.0	7.6	99.7	4.4	3.0							
					Bottom	7.0	1	20.2	8.1	29.9	7.6	99.9	5.4	3.0							
							2	20.3	8.1	29.8	7.6	99.9	5.5	3.6							
TCE-WQM2a	Misty	Moderate	7:50	6.8	Surface	1.0	1	20.1	8.1	29.8	7.5	19.7	7.5	98.5	1.0	4.2	7.5	2.4	3.7		
							2	20.1	8.1	29.8	7.5	98.5	1.0	4.0							
					Middle	3.4	1	20.1	8.1	30.0	7.5	98.7	2.4	4.2							
							2	20.1	8.1	30.0	7.5	98.7	2.5	3.4							
					Bottom	5.8	1	20.1	8.0	30.0	7.6	99.5	3.7	3.1							
							2	20.2	8.0	29.9	7.6	99.5	3.6	3.0							
TCE-WQM2b	Misty	Moderate	7:39	10.4	Surface	1.0	1	20.1	8.1	29.8	7.6	19.7	7.6	99.4	1.1	3.2	7.5	1.9	3.4		
							2	20.1	8.1	29.8	7.6	99.3	1.1	2.7							
					Middle	5.2	1	20.0	8.0	30.3	7.5	99.1	1.8	3.9							
							2	20.0	8.0	30.3	7.5	99.1	1.8	3.0							
					Bottom	9.4	1	20.2	8.0	30.3	7.6	99.5	3.0	3.6							
							2	20.2	8.0	30.2	7.6	99.7	3.0	3.8							
TCE-WQM3A	Misty	Moderate	8:02	4.2	Surface	1.0	1	20.2	8.0	29.4	7.3	19.7	7.3	95.7	3.7	3.9	7.3	3.9	4.1		
							2	20.2	8.0	29.4	7.3	95.8	3.8	4.1							
					Bottom	3.2	1	20.7	8.0	29.2	7.3	96.9	4.0	4.2							
							2	20.9	8.0	29.1	7.3	97.2	4.0	4.1							
					Surface	1.0	1	20.2	8.0	28.7	7.5	98.6	3.2	4.5							
							2	20.2	8.0	28.7	7.6	98.8	3.1	4.1							
TCE-WQM4	Misty	Moderate	8:11	3.8	Surface	1.0	1	20.2	8.0	28.7	7.5	19.7	7.5	98.6	3.2	4.5	7.6	3.8	4.1		
							2	20.2	8.0	28.7	7.6	98.8	3.1	4.1							
					Bottom	2.8	1	20.2	8.0	28.7	7.7	100.2	4.6	4.3							
							2	20.2	8.0	28.7	7.7	100.5	4.5	3.5							
					Surface	1.0	1	20.0	8.1	31.8	8.0	105.6	2.2	3.8							
							2	20.0	8.1	31.8	7.9	105.4	2.1	3.6							

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)			
2022-03-28	Mid-Ebb	TCE-C1	Rainy	Moderate	11:24	8.2	Surface	1.0	1	19.5	8.0	26.9	7.3	93.7	2.9	5.3	7.2	6.0	5.9			
									2	19.5	8.0	26.9	7.3	93.7	2.9	5.0						
							Middle	4.1	1	19.4	8.0	29.8	7.1	91.9	2.7	5.5						
									2	19.3	8.0	29.9	7.1	91.8	2.7	6.0						
							Bottom	7.2	1	19.3	7.9	30.2	7.0	91.3	12.6	7.0						
									2	19.3	7.9	30.2	7.0	91.3	12.6	6.8						
		TCE-C2	Rainy	Moderate	9:25	14.0	Surface	1.0	1	19.8	7.9	26.8	6.9	88.8	3.0	3.3	6.9	3.9	3.9			
									2	19.8	7.9	26.8	6.9	88.8	3.0	3.7						
							Middle	7.0	1	19.6	7.9	29.9	6.8	88.4	3.8	3.8						
									2	19.6	7.9	29.9	6.8	88.4	3.9	4.1						
							Bottom	13.0	1	19.6	7.9	29.9	6.8	88.2	5.1	4.2						
									2	19.6	7.9	29.9	6.8	88.2	5.0	4.4						
		TCE-WQM1	Rainy	Moderate	10:43	8.6	Surface	1.0	1	20.3	7.9	25.6	7.0	89.8	5.9	3.8	7.0	9.9	3.5			
									2	20.3	7.9	25.6	7.0	89.9	5.9	4.2						
							Middle	4.3	1	20.1	7.9	26.0	7.0	89.9	9.4	3.5						
									2	20.1	7.9	26.0	7.0	89.9	9.7	3.3						
							Bottom	7.6	1	20.1	7.9	26.0	7.0	89.8	14.2	3.0						
									2	20.1	7.9	26.0	7.0	89.8	14.2	3.2						
		TCE-WQM2a	Rainy	Moderate	10:12	7.0	Surface	1.0	1	19.8	7.9	26.5	6.8	87.5	2.2	3.5	6.8	2.7	3.2			
									2	19.8	7.9	26.5	6.8	87.5	2.2	3.8						
							Middle	3.5	1	19.7	7.9	29.0	6.7	87.1	2.7	3.4						
									2	19.7	7.9	29.0	6.7	87.1	2.8	3.0						
							Bottom	6.0	1	19.7	7.9	29.0	6.8	87.6	3.2	2.8						
									2	19.7	7.9	29.0	6.8	87.7	3.3	2.6						
		TCE-WQM2b	Rainy	Moderate	10:01	12.7	Surface	1.0	1	19.8	7.9	26.8	6.9	88.6	3.3	3.8	6.8	3.7	4.5			
									2	19.8	7.9	26.8	6.9	88.6	3.1	3.5						
							Middle	6.4	1	19.6	7.9	29.9	6.8	88.1	4.1	4.0						
									2	19.6	7.9	29.9	6.8	88.0	4.1	4.4						
							Bottom	11.7	1	19.7	7.9	29.9	6.7	87.7	3.9	5.3						
									2	19.7	7.9	29.9	6.7	87.8	3.8	5.7						
		TCE-WQM3A	Rainy	Moderate	10:22	4.9	Surface	1.0	1	20.5	7.9	24.0	6.8	87.1	4.4	2.4	6.8	6.6	3.1			
									2	20.5	7.9	24.1	6.8	87.0	5.0	2.7						
							Bottom	3.9	1	20.6	7.9	24.7	6.6	85.1	8.9	3.4						
									2	20.6	7.9	24.7	6.6	85.0	8.3	3.8						
		TCE-WQM4	Rainy	Moderate	10:32	4.0	Surface	1.0	1	20.6	7.9	24.8	6.8	87.6	5.2	4.4	6.8	7.6	4.6			
									2	20.6	7.9	24.8	6.8	87.5	5.3	4.1						
							Bottom	3.0	1	20.6	7.9	24.9	6.8	87.2	9.8	5.0						
									2	20.6	7.9	24.9	6.8	87.3	10.0	4.8						
							Surface	1.0	1	19.6	8.0	27.6	7.4	94.7	2.7	3.6				7.3	7.7	4.5
									2	19.6	8.0	27.6	7.4	94.7	2.7	3.9						
		Middle	4.0	1	19.4	8.0	29.2	7.2	93.0	7.1	4.4											
				2	19.4	8.0	29.2	7.2	92.9	7.8	4.6											
		Bottom	7.0	1	19.3	8.0	30.5	7.1	92.4	13.1	5.1											
				2	19.3	8.0	30.5	7.1	92.5	13.1	5.5											
		2022-03-28	Mid-Flood	TCE-C2	Rainy	Moderate	16:02	12.4	Surface	1.0	1	19.9	8.0	27.4	7.1	91.0	1.6	3.7	7.0	1.7	4.5	
											2	19.9	8.0	27.5	7.1	90.9	1.6	4.1				
									Middle	6.2	1	19.7	7.9	28.1	7.0	89.8	1.6	4.6				
											2	19.7	7.9	28.2	6.9	89.7	1.6	4.2				
Bottom	11.4								1	19.7	7.9	28.5	7.1	91.6	1.9	5.2						
									2	19.8	7.9	28.5	7.1	91.8	1.8	4.9						
TCE-WQM1	Rainy			Moderate	14:57	8.6	Surface	1.0	1	20.2	7.9	25.8	7.0	90.5	7.1	2.6	7.0	9.3	3.0			
									2	20.2	7.9	25.8	7.0	90.5	7.4	2.4						
							Middle	4.3	1	20.1	7.9	26.1	7.0	90.3	9.8	3.1						
									2	20.1	7.9	26.1	7.0	90.3	9.9	2.8						
							Bottom	7.6	1	20.0	7.9	26.0	7.0	90.0	11.0	3.5						
									2	20.0	7.9	26.0	7.0	90.0	10.8	3.8						
TCE-WQM2a	Rainy			Moderate	15:28	7.4	Surface	1.0	1	20.2	7.9	27.1	6.8	87.8	4.3	6.6	6.8	4.6	5.5			
									2	20.2	7.9	27.1	6.8	87.8	4.3	6.1						
							Middle	3.7	1	20.1	7.9	27.3	6.8	87.5	5.3	5.2						
									2	20.1	7.9	27.3	6.8	87.4	5.4	5.6						
							Bottom	6.4	1	19.9	7.9	28.3	6.7	86.8	4.6	5.0						
									2	19.9	7.9	28.4	6.7	86.9	3.8	4.7						
TCE-WQM2b	Rainy	Moderate	15:39	11.3	Surface	1.0	1	20.3	7.9	26.2	6.9	89.3	3.2	6.2	6.9	3.7	5.9					
							2	20.3	7.9	26.2	6.9	89.2	3.2	6.4								
					Middle	5.7	1	20.0	7.9	26.5	6.9	88.6	3.8	5.9								
							2	20.0	7.9	26.5	6.9	88.8	3.8	6.0								
					Bottom	10.3	1	19.8	7.9	28.8	6.9	89.2	4.1	5.3								
							2	19.8	7.9	28.8	6.9	89.4	4.2	5.7								
TCE-WQM3A	Rainy	Moderate	15:18	4.4	Surface	1.0	1	20.5	7.9	25.5	6.8	88.1	10.2	4.7	6.8	9.7	4.1					
							2	20.5	7.9	25.5	6.8	88.1	10.2	5.0								
					Bottom	3.4	1	20.4	7.9	25.6	6.9	88.5	9.2	3.2								
							2	20.4	7.9	25.7	6.9	88.6	9.5	3.6								
TCE-WQM4	Rainy	Moderate	15:08	3.5	Surface	1.0	1	20.5	7.9	24.8	6.9	88.5	7.8	3.8	6.9	9.1	4.0					
							2	20.5	7.9	24.8	6.9	88.4	7.9	3.5								
					Bottom	2.5	1	20.5	7.9	24.8	6.9	88.7	10.4	4.1								
							2	20.5	7.9	24.8	6.9	88.8	10.4	4.4								

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	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)			
2022-03-30	Mid-Ebb	TCE-C1	Cloudy	Moderate	12:33	8.4	Surface	1.0	1	19.8	8.0	26.9	7.2	92.2	4.2	9.6	7.1	10.3	8.5			
									2	19.8	8.0	26.9	7.2	92.2	4.7	10.1						
							Middle	4.2	1	19.6	8.0	29.0	6.9	89.8	11.8	8.7						
									2	19.6	8.0	29.0	6.9	89.8	12.0	9.1						
							Bottom	7.4	1	19.6	8.0	30.1	7.0	91.7	14.5	7.0						
									2	19.6	8.0	30.1	7.0	91.7	14.6	6.7						
		TCE-C2	Cloudy	Moderate	10:41	13.4	Surface	1.0	1	19.7	7.9	29.2	6.6	85.9	3.9	5.4	6.6	4.4	5.8			
									2	19.7	7.9	29.2	6.6	85.9	3.8	5.6						
							Middle	6.7	1	19.6	7.9	29.8	6.6	85.7	4.4	5.7						
									2	19.6	7.9	29.8	6.6	85.7	4.5	6.0						
							Bottom	12.4	1	19.6	7.9	29.8	6.6	85.9	5.1	5.9						
									2	19.6	7.9	29.8	6.6	85.9	5.0	6.2						
		TCE-WQM1	Cloudy	Moderate	11:50	8.8	Surface	1.0	1	19.6	7.9	27.9	6.7	86.3	6.1	5.2	6.7	6.6	6.9			
									2	19.6	7.9	27.9	6.7	86.3	6.1	5.4						
							Middle	4.4	1	19.6	7.9	27.9	6.7	86.4	6.3	6.8						
									2	19.6	7.9	27.9	6.7	86.4	6.3	7.1						
							Bottom	7.8	1	19.6	7.9	27.9	6.8	87.3	7.5	8.3						
									2	19.6	7.9	27.9	6.8	87.3	7.6	8.3						
		TCE-WQM2a	Cloudy	Moderate	11:17	7.5	Surface	1.0	1	19.7	8.0	28.3	6.7	86.8	7.3	11.1	6.7	9.6	10.0			
									2	19.7	8.0	28.3	6.7	86.8	7.3	11.2						
							Middle	3.8	1	19.7	7.9	28.3	6.7	86.5	8.9	9.9						
									2	19.7	7.9	28.3	6.7	86.5	9.9	10.0						
							Bottom	6.5	1	19.7	7.9	28.4	6.7	87.0	11.9	8.7						
									2	19.7	7.9	28.3	6.8	87.1	12.3	8.9						
		TCE-WQM2b	Cloudy	Moderate	11:05	12.4	Surface	1.0	1	19.7	7.9	28.8	6.6	85.7	8.1	5.5	6.6	10.4	7.9			
									2	19.7	7.9	28.8	6.6	85.7	8.4	5.1						
							Middle	6.2	1	19.7	7.9	28.9	6.6	85.5	9.9	7.8						
									2	19.7	7.9	28.9	6.6	85.5	10.4	8.1						
							Bottom	11.4	1	19.7	7.9	28.9	6.6	85.8	12.9	10.2						
									2	19.7	7.9	28.9	6.6	85.9	12.8	10.8						
		TCE-WQM3A	Cloudy	Moderate	11:28	4.8	Surface	1.0	1	19.8	7.9	28.2	6.5	83.5	4.9	7.7	6.5	5.7	8.0			
									2	19.8	7.9	28.2	6.5	83.4	5.1	7.3						
							Bottom	3.8	1	19.8	7.9	28.3	6.5	84.1	6.4	8.6						
									2	19.8	7.9	28.3	6.5	84.2	6.6	8.4						
							Surface	1.0	1	19.7	7.9	27.9	6.7	86.7	3.5	6.2				6.7	3.7	5.8
									2	19.7	7.9	27.9	6.7	86.9	3.5	6.0						
Bottom	2.5	1	19.7	7.9	28.0	6.8	87.6	3.9	5.7													
		2	19.7	7.9	28.0	6.8	87.7	3.9	5.4													
Surface	1.0	1	19.8	8.0	27.0	7.2	92.6	3.0	4.3	7.1	8.7	5.1										
		2	19.8	8.0	27.0	7.2	92.6	2.9	4.7													
Middle	4.1	1	19.6	8.0	29.2	7.1	91.4	7.5	5.4													
		2	19.6	8.0	29.2	7.1	91.4	7.6	5.1													
Bottom	7.2	1	19.5	8.0	29.7	7.0	90.9	15.9	5.3													
		2	19.5	8.0	29.7	7.0	91.0	15.3	5.6													
2022-03-30	Mid-Flood	TCE-C1	Cloudy	Moderate	16:03	8.2	Surface	1.0	1	19.8	8.0	27.0	7.2	92.6	3.0	4.3	7.1	8.7	5.1			
									2	19.8	8.0	27.0	7.2	92.6	2.9	4.7						
							Middle	4.1	1	19.6	8.0	29.2	7.1	91.4	7.5	5.4						
									2	19.6	8.0	29.2	7.1	91.4	7.6	5.1						
							Bottom	7.2	1	19.5	8.0	29.7	7.0	90.9	15.9	5.3						
									2	19.5	8.0	29.7	7.0	91.0	15.3	5.6						
		TCE-C2	Cloudy	Moderate	17:44	13.6	Surface	1.0	1	19.9	8.0	29.2	6.6	86.0	4.1	5.1	6.6	4.9	4.6			
									2	19.8	8.0	29.2	6.6	86.0	4.0	5.3						
							Middle	6.8	1	19.6	8.0	29.7	6.6	85.4	4.5	4.8						
									2	19.6	8.0	29.7	6.6	85.4	4.6	4.7						
							Bottom	12.6	1	19.6	8.0	29.7	6.6	85.9	6.1	3.8						
									2	19.6	8.0	29.7	6.6	86.0	6.0	3.6						
		TCE-WQM1	Cloudy	Moderate	16:40	8.4	Surface	1.0	1	19.7	8.0	28.0	6.9	88.9	9.9	5.8	6.9	10.8	9.6			
									2	19.7	8.0	28.0	6.9	89.0	9.9	6.0						
							Middle	4.2	1	19.6	8.0	28.0	6.9	88.8	11.4	9.4						
									2	19.6	8.0	27.9	6.9	88.9	11.4	10.0						
							Bottom	7.4	1	19.7	7.9	27.9	6.9	89.4	11.3	13.0						
									2	19.7	7.9	27.9	7.0	89.5	11.2	13.3						
		TCE-WQM2a	Cloudy	Moderate	17:10	7.0	Surface	1.0	1	19.8	8.0	28.4	6.8	87.6	3.4	6.5	6.7	3.9	5.8			
									2	19.8	8.0	28.4	6.8	87.6	3.4	6.2						
							Middle	3.5	1	19.7	8.0	28.9	6.7	86.9	4.0	5.8						
									2	19.7	7.9	28.9	6.7	87.1	4.1	5.7						
							Bottom	6.0	1	19.7	7.9	28.9	6.8	88.0	4.4	5.1						
									2	19.7	7.9	28.9	6.8	88.1	4.4	5.4						
		TCE-WQM2b	Cloudy	Moderate	17:21	11.1	Surface	1.0	1	19.9	8.0	28.4	6.8	87.6	3.7	3.5	6.7	4.5	3.9			
									2	19.9	8.0	28.5	6.7	87.3	3.7	3.1						
							Middle	5.6	1	19.7	8.0	29.4	6.6	85.7	4.2	4.2						
									2	19.6	8.0	29.5	6.6	85.7	4.3	4.0						
							Bottom	10.1	1	19.6	8.0	29.7	6.7	86.5	5.5	4.2						
									2	19.6	8.0	29.7	6.7	86.9	5.4	4.6						
		TCE-WQM3A	Cloudy	Moderate	16:59	4.5	Surface	1.0	1	19.9	8.1	28.1	6.6	85.7	8.1	5.2	6.6	10.0	4.2			
									2	19.9	8.1	28.1	6.6	86.0	8.5	4.8						
							Bottom	3.5	1	19.9	8.1	28.0	6.7	86.9	11.7	3.4						
									2	19.9	8.1	28.0	6.7	87.2	11.7	3.3						
							Surface	1.0	1	20.0	8.0	27.9	6.7	87.0	5.1	14.8				6.7	7.4	13.5
									2	20.0	8.0	27.9	6.7	87.0	5.5	14.5						
Bottom	2.5	1	19.9	7.9	28.0	6.7	86.7	9.2	12.5													
		2	19.9	7.9	28.0	6.7	86.8	9.8	12.1													