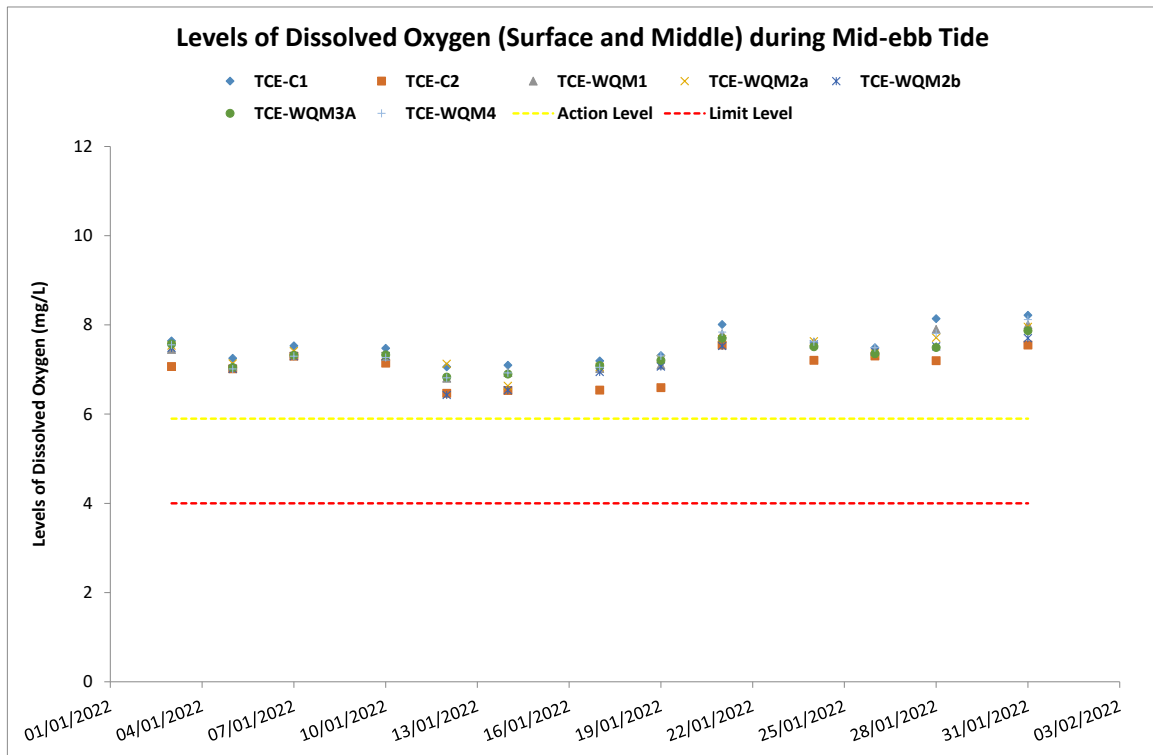Annex G3

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 January 2022
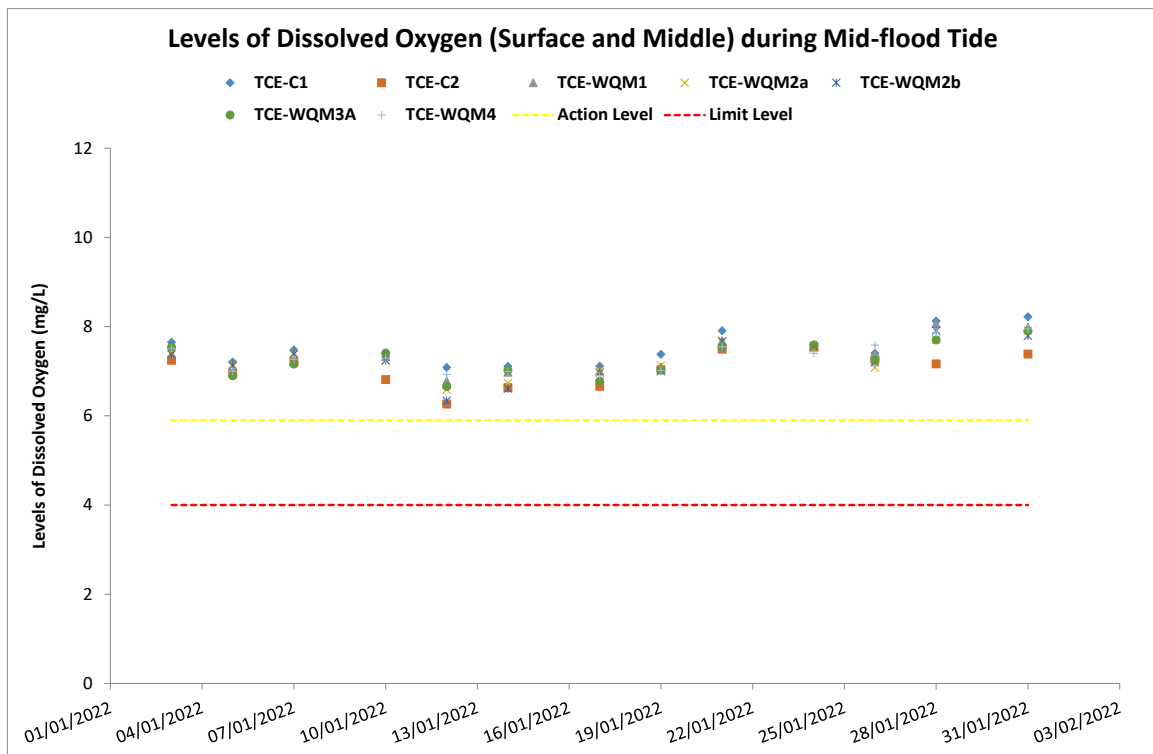

Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 January 2022

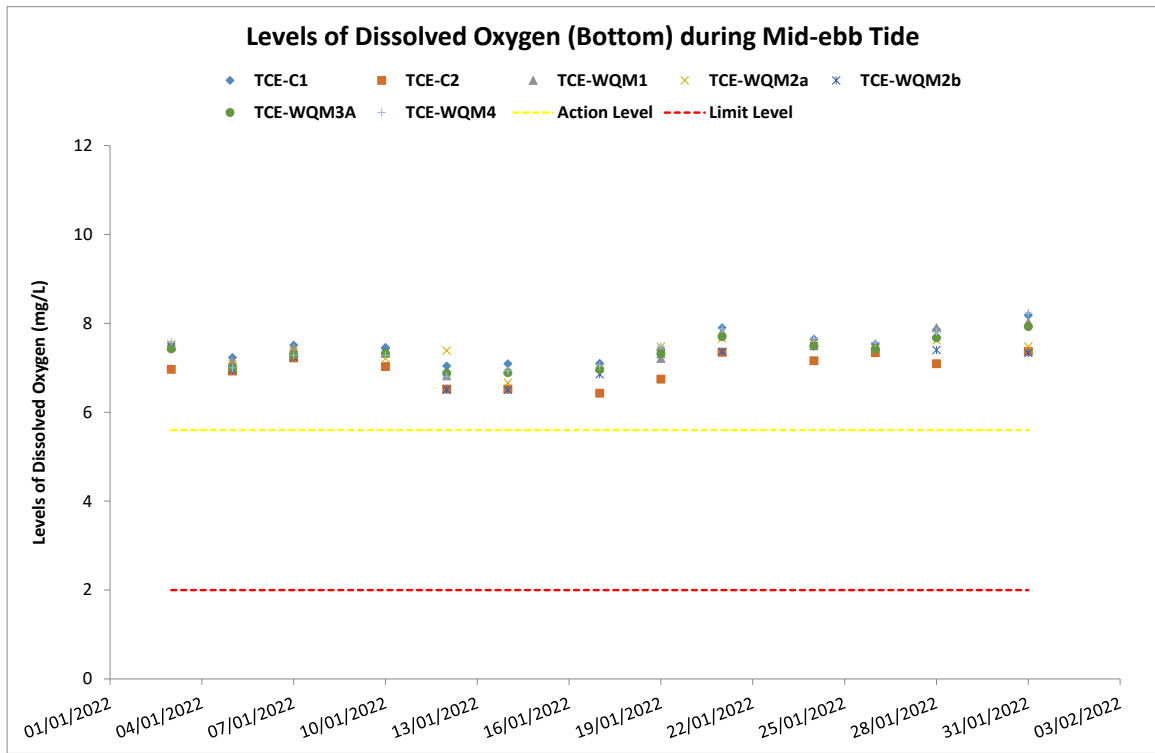**Environmental Resources Management**

ERM

Figure 3:   Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 31 January 2022
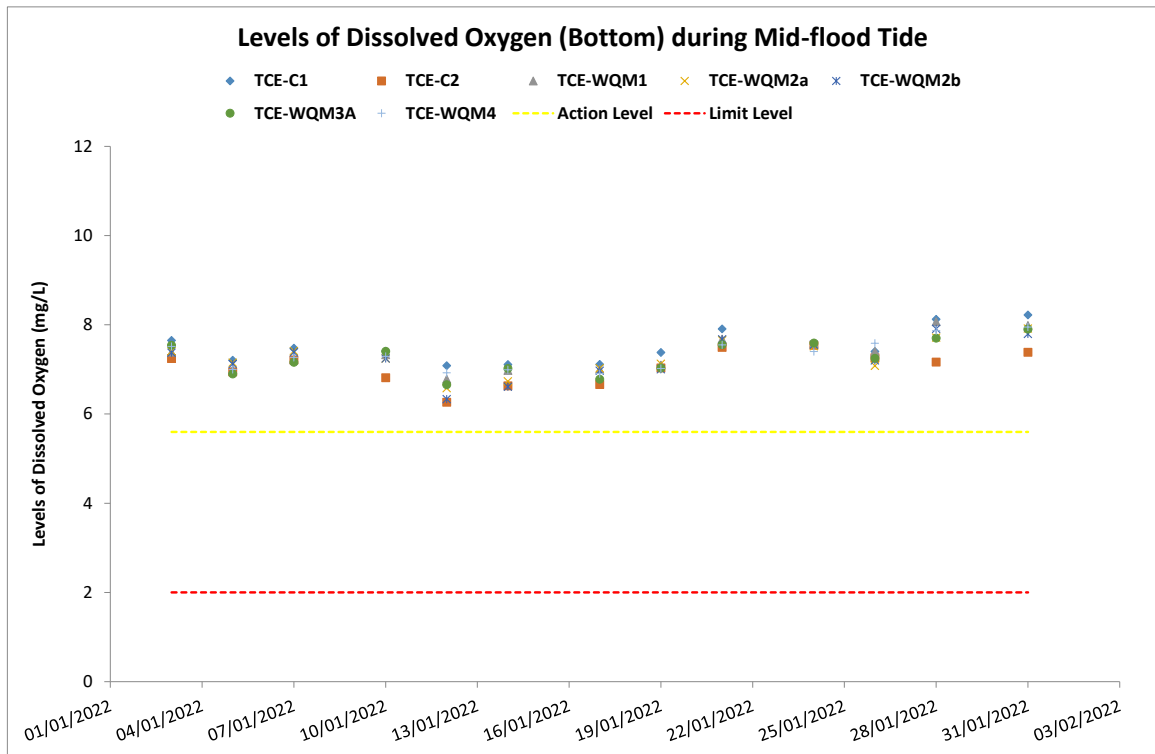
Figure 4:   Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 January 2022

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

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

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02_Deliverable\10 Monthly EM&A Report\	**Environmental Resources Management**
Date: January 2022	

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

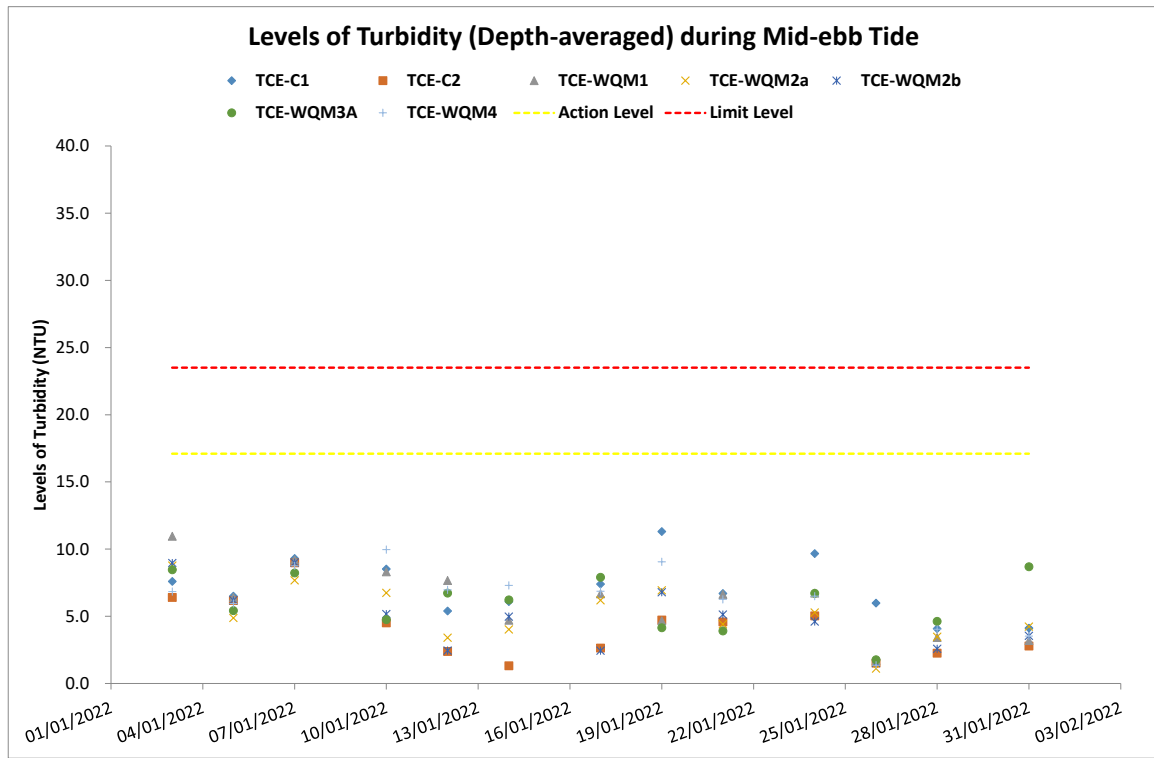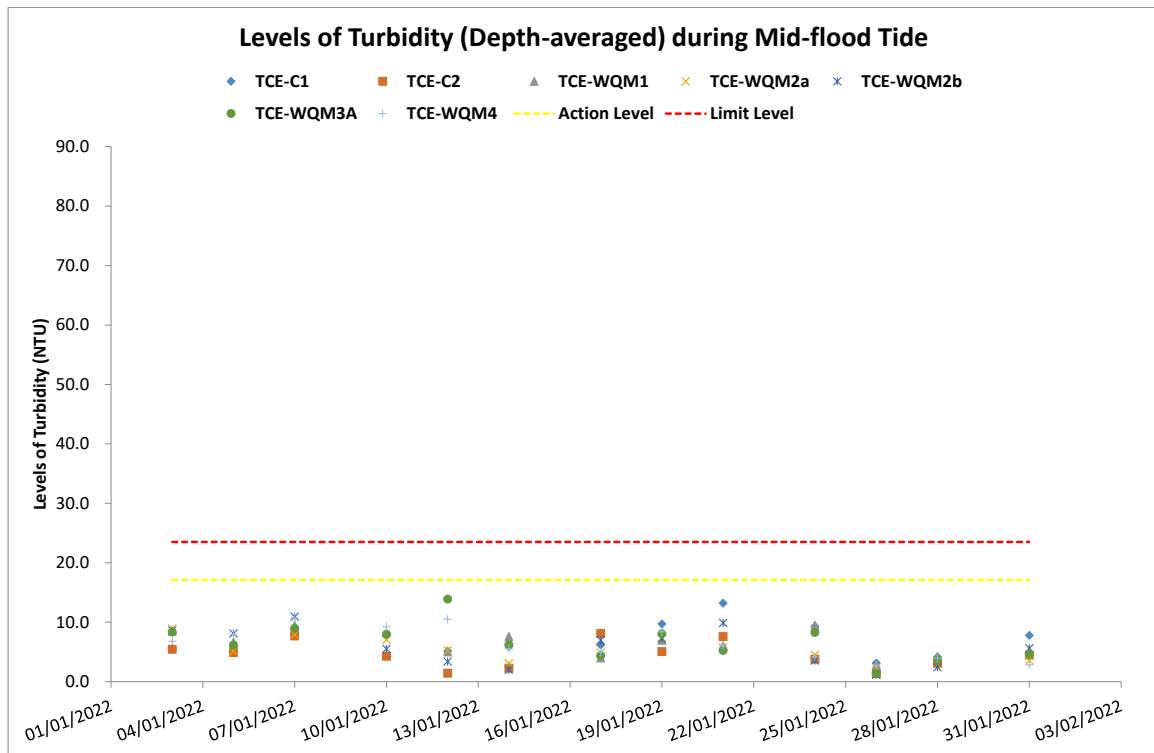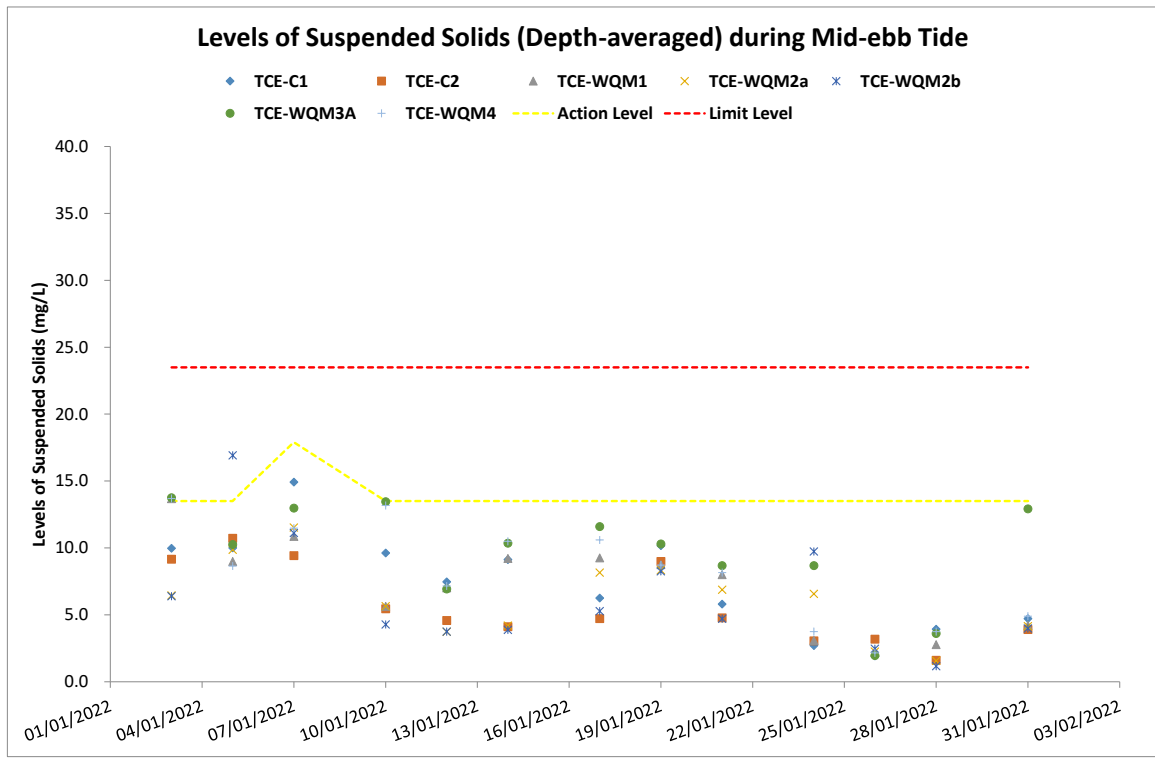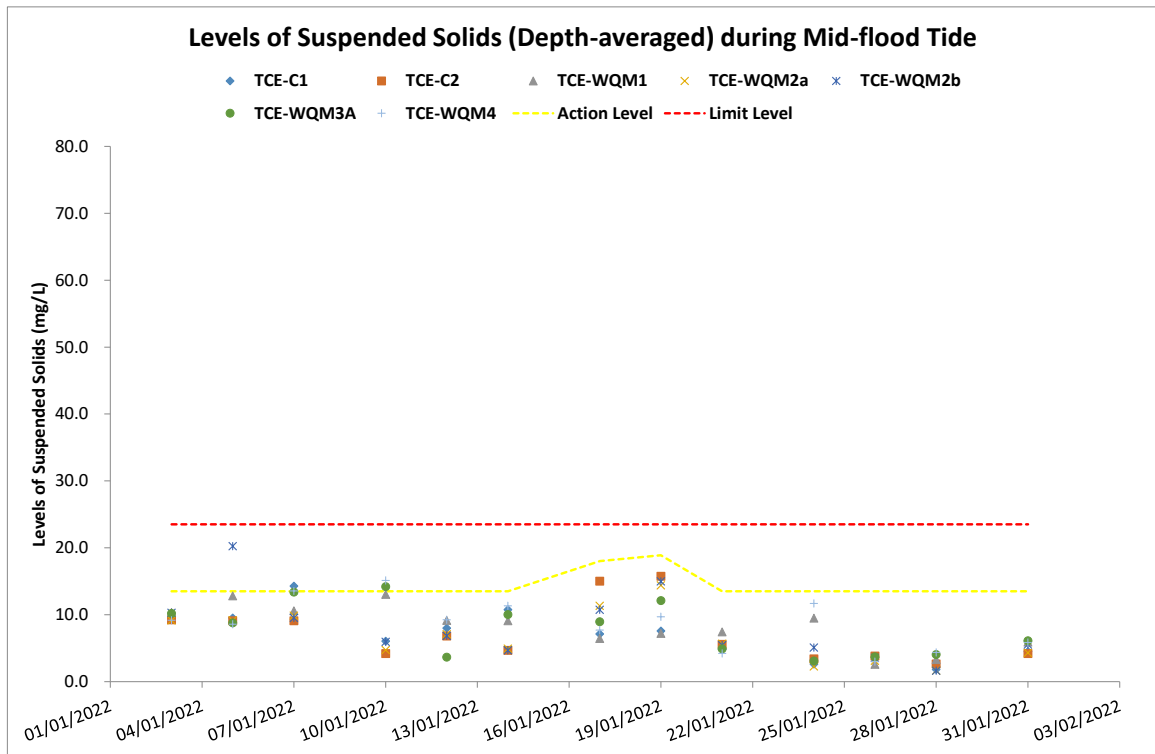| Source:	P:\Projects\0445700 CEDD ET for Tung Chung.JT\02_Deliverable\10 Monthly EM&A Report\	**Environmental Resources Management**
Date:	January 2022	

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-03	Mid-Ebb	TCE-C1	Sunny	Moderate	11:57	8.3	Surface	1.0	1	19.6	8.2	32.3	7.7	101.9	6.4	10.6			
									2	19.6	8.2	32.3	7.7	101.9	6.4	10.2			
							Middle	4.2	1	19.5	8.2	32.9	7.6	99.9	6.5	10.0			
									2	19.5	8.2	32.9	7.6	99.9	6.6	10.2	7.6	7.6	10.0
							Bottom	7.3	1	19.6	8.2	33.3	7.5	99.7	9.8	9.0			
									2	19.6	8.2	33.3	7.5	99.7	9.9	9.8	7.5		
		TCE-C2	Sunny	Moderate	13:39	14.6	Surface	1.0	1	19.9	8.1	33.6	7.2	96.2	5.0	9.8			
									2	19.9	8.1	33.6	7.2	96.1	4.9	10.2			
							Middle	7.3	1	19.7	8.1	33.8	7.0	92.7	5.9	9.3			
									2	19.7	8.1	33.8	7.0	92.7	5.9	10.0	7.1	6.4	9.2
							Bottom	13.6	1	19.6	8.1	33.9	7.0	92.9	8.4	8.2			
									2	19.6	8.1	33.9	7.0	92.9	8.4	7.4	7.0		
		TCE-WQM1	Sunny	Calm	12:32	10.1	Surface	1.0	1	19.4	8.1	33.3	7.5	98.6	10.3	11.1			
									2	19.4	8.1	33.3	7.5	98.6	10.3	10.7			
							Middle	5.1	1	19.4	8.1	33.3	7.5	98.6	10.6	14.6			
									2	19.4	8.1	33.3	7.5	98.6	10.7	15.1	7.5	11.0	13.7
							Bottom	9.1	1	19.4	8.1	33.3	7.5	99.0	12.0	15.6			
									2	19.4	8.1	33.3	7.5	99.1	12.0	15.0	7.5		
		TCE-WQM2a	Sunny	Moderate	13:04	7.9	Surface	1.0	1	19.8	8.1	33.3	7.6	100.9	5.8	7.6			
									2	19.8	8.1	33.3	7.6	100.9	5.8	6.6			
							Middle	4.0	1	19.5	8.1	33.3	7.5	99.5	9.8	6.8			
									2	19.5	8.1	33.3	7.5	99.5	9.8	7.3	7.5	8.8	6.5
							Bottom	6.9	1	19.4	8.1	33.3	7.5	99.6	10.8	5.4			
									2	19.4	8.1	33.3	7.5	99.7	10.8	5.0	7.5		
		TCE-WQM2b	Sunny	Moderate	13:17	11.2	Surface	1.0	1	19.5	8.1	33.3	7.5	99.5	7.6	5.6			
									2	19.5	8.1	33.3	7.5	99.5	7.6	6.1			
							Middle	5.6	1	19.5	8.1	33.3	7.5	99.0	9.4	6.3			
									2	19.5	8.1	33.3	7.5	99.0	9.4	6.7	7.5	9.0	6.4
							Bottom	10.2	1	19.4	8.1	33.3	7.5	99.1	9.9	6.8			
									2	19.4	8.1	33.3	7.5	99.1	9.9	6.9	7.5		
		TCE-WQM3A	Sunny	Calm	12:53	4.5	Surface	1.0	1	20.0	8.1	33.3	7.6	101.3	6.1	12.3			
									2	20.0	8.1	33.3	7.6	101.2	6.1	13.0	7.6	8.5	13.8
							Bottom	3.5	1	19.4	8.1	33.5	7.4	98.5	10.8	14.4			
									2	19.4	8.1	33.5	7.4	98.5	10.8	15.3	7.4		
		TCE-WQM4	Sunny	Calm	12:43	4.2	Surface	1.0	1	19.8	8.1	33.6	7.6	100.9	5.7	12.1			
									2	19.8	8.1	33.6	7.6	100.9	5.7	12.2	7.6	6.8	13.7
							Bottom	3.2	1	19.4	8.1	33.7	7.6	100.5	8.0	14.7			
									2	19.4	8.1	33.7	7.6	100.5	8.0	15.8	7.6		
2022-01-03	Mid-Flood	TCE-C1	Sunny	Rough	9:18	7.3	Surface	1.0	1	19.6	8.2	32.4	7.7	101.6	4.4	9.7			
									2	19.6	8.2	32.5	7.7	101.4	4.5	10.6			
							Middle	3.7	1	19.5	8.2	32.9	7.6	100.8	5.1	10.5			
									2	19.5	8.2	32.9	7.6	100.8	5.1	9.4	7.7	5.6	9.5
							Bottom	6.3	1	19.6	8.2	33.2	7.6	101.2	7.1	8.7			
									2	19.6	8.2	33.2	7.6	101.2	7.1	8.3	7.6		
		TCE-C2	Sunny	Moderate	7:24	13.7	Surface	1.0	1	19.4	8.1	33.4	7.3	95.9	4.7	10.9			
									2	19.4	8.1	33.4	7.3	96.0	4.7	10.3			
							Middle	6.9	1	19.4	8.1	33.5	7.2	95.8	5.4	9.5			
									2	19.4	8.1	33.5	7.2	95.8	5.5	8.8	7.2	5.5	9.3
							Bottom	12.7	1	19.4	8.1	33.5	7.2	95.8	6.2	8.4			
									2	19.4	8.1	33.5	7.2	95.8	6.2	7.6	7.2		
		TCE-WQM1	Sunny	Calm	8:36	9.5	Surface	1.0	1	19.3	8.1	33.6	7.4	97.6	7.5	10.2			
									2	19.3	8.1	33.6	7.4	97.6	7.5	9.4			
							Middle	4.8	1	19.3	8.1	33.6	7.4	97.9	7.3	10.6			
									2	19.3	8.1	33.6	7.4	97.9	7.4	10.0	7.4	8.5	10.4
							Bottom	8.5	1	19.3	8.1	33.6	7.5	99.0	10.6	10.4			
									2	19.3	8.1	33.6	7.5	99.1	10.6	11.5	7.5		
		TCE-WQM2a	Sunny	Moderate	8:02	7.3	Surface	1.0	1	19.2	8.1	33.2	7.4	97.6	7.8	7.4			
									2	19.2	8.1	33.2	7.4	97.6	7.8	8.0			
							Middle	3.7	1	19.2	8.1	33.2	7.4	97.6	8.6	9.4			
									2	19.2	8.1	33.2	7.4	97.6	8.6	10.0	7.4	9.0	9.2
							Bottom	6.3	1	19.2	8.1	33.3	7.4	97.8	10.6	9.5			
									2	19.2	8.1	33.3	7.4	97.8	10.6	10.7	7.4		
		TCE-WQM2b	Sunny	Moderate	7:47	9.2	Surface	1.0	1	19.3	8.1	33.2	7.4	97.5	7.8	9.2			
									2	19.3	8.1	33.2	7.4	97.5	7.8	9.5			
							Middle	4.6	1	19.3	8.1	33.2	7.4	97.3	8.5	10.8			
									2	19.3	8.1	33.3	7.4	97.3	8.5	10.0	7.4	8.6	10.3
							Bottom	8.2	1	19.3	8.1	33.3	7.4	97.7	9.5	11.4			
									2	19.3	8.1	33.3	7.4	97.7	9.6	10.8	7.4		
		TCE-WQM3A	Sunny	Calm	8:14	4.2	Surface	1.0	1	19.3	8.1	33.5	7.5	99.6	6.3	11.2			
									2	19.3	8.1	33.5	7.6	99.8	6.3	10.5	7.5	8.4	10.2
							Bottom	3.2	1	19.3	8.1	33.5	7.7	101.0	10.4	10.1			
									2	19.3	8.1	33.5	7.7	101.1	10.5	9.0	7.7		
		TCE-WQM4	Sunny	Calm	8:24	4.1	Surface	1.0	1	19.3	8.1	33.5	7.5	99.0	5.9	9.8			
									2	19.3	8.1	33.5	7.5	99.1	5.9	10.6	7.5	6.8	9.2
							Bottom	3.1	1	19.3	8.1	33.5	7.7	101.2	7.7	7.8			
									2	19.3	8.1	33.5	7.7	101.2	7.7	8.5	7.7		

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-05	Mid-Ebb	TCE-C1	Cloudy	Moderate	13:33	8.8	Surface	1.0	1	19.7	8.1	32.2	7.3	95.7	5.1	10.1		6.5	10.0
									2	19.7	8.1	32.2	7.3	95.7	5.2	10.8	7.3		
							Middle	4.4	1	19.7	8.1	32.7	7.2	95.1	6.6	10.0			
									2	19.7	8.1	32.7	7.2	95.1	6.7	10.5			
							Bottom	7.8	1	19.7	8.1	32.9	7.2	95.4	7.7	9.5			
									2	19.7	8.1	32.9	7.2	95.4	7.8	9.1	7.2		
		TCE-C2	Cloudy	Moderate	15:29	14.8	Surface	1.0	1	19.8	8.1	31.9	7.1	93.0	4.1	17.1		6.2	10.7
									2	19.8	8.1	31.9	7.1	93.0	4.1	10.9	7.0		
							Middle	7.4	1	19.8	8.1	32.0	7.0	91.6	6.2	9.5			
									2	19.8	8.1	32.0	7.0	91.6	6.1	10.4			
							Bottom	13.8	1	19.8	8.1	32.0	6.9	91.1	8.3	8.8			
									2	19.8	8.1	32.0	6.9	91.2	8.4	7.6	6.9		
		TCE-WQM1	Cloudy	Moderate	14:14	9.4	Surface	1.0	1	19.9	8.1	32.0	7.1	93.2	5.8	8.6		6.4	9.0
									2	19.9	8.1	32.0	7.1	93.2	5.8	8.1	7.1		
							Middle	4.7	1	19.9	8.1	32.0	7.1	93.2	6.3	8.2			
									2	19.9	8.1	32.0	7.1	93.3	6.3	9.0			
							Bottom	8.4	1	19.9	8.1	32.0	7.2	94.3	7.0	9.6			
									2	19.9	8.1	32.0	7.2	94.5	7.1	10.4	7.2		
		TCE-WQM2a	Cloudy	Moderate	14:50	7.1	Surface	1.0	1	20.0	8.1	31.8	7.2	94.9	3.7	7.9		4.9	9.9
									2	20.0	8.1	31.8	7.2	94.9	3.7	8.5	7.1		
							Middle	3.6	1	19.8	8.1	31.9	7.1	92.9	4.9	10.9			
									2	19.8	8.1	31.9	7.1	92.9	4.9	10.2			
							Bottom	6.1	1	19.8	8.1	32.0	7.1	93.1	6.1	11.2			
									2	19.8	8.1	32.0	7.1	93.1	6.1	10.5	7.1		
		TCE-WQM2b	Cloudy	Moderate	15:02	10.8	Surface	1.0	1	19.8	8.1	31.8	7.1	92.8	4.4	18.5		6.2	16.9
									2	19.8	8.1	31.8	7.1	92.7	4.4	17.2	7.0		
							Middle	5.4	1	19.8	8.1	31.9	7.0	91.7	6.1	16.4			
									2	19.8	8.1	31.9	7.0	91.7	6.2	17.1			
							Bottom	9.8	1	19.8	8.1	32.0	7.0	91.4	8.1	16.4			
									2	19.8	8.1	32.0	7.0	91.4	8.1	15.9	7.0		
		TCE-WQM3A	Cloudy	Moderate	14:40	4.6	Surface	1.0	1	19.8	8.1	32.0	7.0	92.6	4.3	9.9		5.4	10.3
									2	19.8	8.1	32.0	7.1	92.7	4.3	9.2	7.0		
							Bottom	3.6	1	19.8	8.1	32.0	7.0	92.1	6.6	10.7			
									2	19.8	8.1	32.0	7.0	92.2	6.6	11.2	7.0		
		TCE-WQM4	Cloudy	Moderate	14:28	3.9	Surface	1.0	1	19.9	8.1	32.0	7.0	92.4	5.7	8.3		6.0	8.7
									2	19.9	8.1	32.0	7.0	92.4	5.7	9.2	7.0		
							Bottom	2.9	1	19.9	8.1	32.0	7.0	92.2	6.2	8.6			
									2	19.9	8.1	32.0	7.0	92.2	6.2	8.5	7.0		
2022-01-05	Mid-Flood	TCE-C1	Cloudy	Moderate	10:26	8.4	Surface	1.0	1	19.7	8.1	32.3	7.2	95.0	5.2	10.3		5.8	9.5
									2	19.7	8.1	32.3	7.2	94.9	5.2	9.4	7.2		
							Middle	4.2	1	19.7	8.1	32.7	7.2	94.5	5.6	10.3			
									2	19.7	8.1	32.7	7.2	94.5	5.6	9.4			
							Bottom	7.4	1	19.7	8.1	32.7	7.2	94.5	6.7	9.0			
									2	19.7	8.1	32.7	7.2	94.7	6.8	8.7	7.2		
		TCE-C2	Cloudy	Moderate	8:28	14.2	Surface	1.0	1	19.7	8.0	31.9	7.0	90.9	4.1	9.4		4.9	9.1
									2	19.7	8.0	31.9	7.0	90.9	4.1	8.9	6.9		
							Middle	7.1	1	19.7	8.0	31.9	6.9	90.7	5.2	9.3			
									2	19.7	8.0	31.9	6.9	90.8	5.2	8.5			
							Bottom	13.2	1	19.7	8.0	31.9	6.9	90.8	5.4	11.4			
									2	19.7	8.0	31.9	7.0	90.9	5.4	7.0	6.9		
		TCE-WQM1	Cloudy	Moderate	9:42	8.8	Surface	1.0	1	19.5	8.0	32.1	7.0	91.3	5.4	17.8		6.7	12.8
									2	19.5	8.0	32.1	7.0	91.3	5.4	16.7	7.0		
							Middle	4.4	1	19.5	8.0	32.1	7.0	91.1	6.8	11.2			
									2	19.5	8.0	32.1	7.0	91.1	6.8	10.0			
							Bottom	7.8	1	19.5	8.0	32.1	6.9	90.6	7.8	11.0			
									2	19.5	8.0	32.1	6.9	90.6	7.8	10.2	6.9		
		TCE-WQM2a	Cloudy	Moderate	9:05	6.8	Surface	1.0	1	19.7	8.1	31.7	7.2	93.6	5.3	8.6		5.1	9.2
									2	19.7	8.1	31.7	7.2	93.6	5.3	8.9	7.2		
							Middle	3.4	1	19.7	8.1	31.8	7.1	93.2	4.7	9.2			
									2	19.7	8.1	31.8	7.1	93.2	4.8	9.4			
							Bottom	5.8	1	19.7	8.0	31.9	7.1	93.3	5.3	9.1			
									2	19.7	8.0	31.9	7.1	93.4	5.3	9.8	7.1		
		TCE-WQM2b	Cloudy	Moderate	8:53	10.7	Surface	1.0	1	19.7	8.0	31.7	7.1	92.9	6.5	17.1		8.1	20.3
									2	19.7	8.0	31.7	7.1	93.0	6.5	20.2	7.1		
							Middle	5.4	1	19.7	8.1	31.8	7.1	93.0	8.6	23.0			
									2	19.7	8.1	31.8	7.1	93.1	8.6	25.7			
							Bottom	9.7	1	19.6	8.1	31.8	7.2	93.8	9.3	17.1			
									2	19.6	8.1	31.8	7.2	93.9	9.3	18.4	7.2		
		TCE-WQM3A	Cloudy	Moderate	9:19	4.2	Surface	1.0	1	19.7	8.1	32.0	6.9	90.3	5.4	7.4		6.2	8.8
									2	19.7	8.1	32.0	6.9	90.3	5.4	8.2	6.9		
							Bottom	3.2	1	19.7	8.1	32.1	6.9	90.3	6.9	10.0			
									2	19.7	8.0	32.1	6.9	90.4	7.0	9.6	6.9		
		TCE-WQM4	Cloudy	Moderate	9:30	3.1	Surface	1.0	1	19.7	8.0	32.1	7.0	91.7	7.5	9.0		7.9	8.6
									2	19.7	8.0	32.0	7.0	91.7	7.5	8.7	7.0		
							Bottom	2.1	1	19.7	8.1	32.1	7.1	92.3	8.4	8.3			
									2	19.7	8.1	32.1	7.1	92.3	8.3	8.4	7.1		

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-07	Mid-Ebb	TCE-C1	Fine	Rough	15:18	8.1	Surface	1.0	1	19.9	8.1	32.8	7.6	100.7	7.9	12.0			
									2	19.9	8.1	32.7	7.6	100.7	8.0	11.7			
							Middle	4.1	1	19.9	8.1	33.3	7.5	100.1	9.4	15.4	7.5	9.3	14.9
									2	19.9	8.1	33.3	7.5	100.1	9.5	15.9			
							Bottom	7.1	1	19.9	8.2	33.4	7.5	100.4	10.5	17.3	7.5		
									2	19.9	8.2	33.4	7.5	100.4	10.6	17.2			
		TCE-C2	Fine	Moderate	17:14	15.6	Surface	1.0	1	20.0	8.1	32.4	7.4	98.0	6.9	8.5			
									2	20.0	8.1	32.4	7.4	98.0	6.9	8.9			
							Middle	7.8	1	20.0	8.1	32.5	7.3	96.6	9.0	9.3	7.3	9.0	9.4
									2	20.0	8.1	32.5	7.3	96.6	8.9	9.2			
							Bottom	14.6	1	20.0	8.1	32.6	7.2	96.1	11.1	10.5	7.2		
									2	20.0	8.1	32.6	7.2	96.2	11.2	10.1			
		TCE-WQM1	Fine	Moderate	15:59	10.3	Surface	1.0	1	20.1	8.1	32.6	7.4	98.2	8.6	13.2			
									2	20.1	8.1	32.6	7.4	98.2	8.6	13.0			
							Middle	5.2	1	20.1	8.1	32.6	7.4	98.2	9.1	10.1	7.4	9.2	10.9
									2	20.1	8.1	32.6	7.4	98.3	9.1	9.8			
							Bottom	9.3	1	20.1	8.1	32.6	7.4	99.3	9.8	9.5	7.5		
									2	20.1	8.1	32.6	7.5	99.5	9.9	9.6			
		TCE-WQM2a	Fine	Calm	16:35	7.8	Surface	1.0	1	20.2	8.1	32.4	7.5	99.9	6.5	10.1			
									2	20.2	8.1	32.4	7.5	99.9	6.5	10.4			
							Middle	3.9	1	20.0	8.1	32.4	7.4	97.9	7.7	11.4	7.4	7.7	11.5
									2	20.0	8.1	32.4	7.4	97.9	7.7	11.3			
							Bottom	6.8	1	20.0	8.1	32.5	7.4	98.1	8.9	13.0	7.4		
									2	20.0	8.1	32.5	7.4	98.1	8.9	12.9			
		TCE-WQM2b	Fine	Moderate	16:47	11.2	Surface	1.0	1	20.0	8.1	32.4	7.3	97.8	7.2	10.0			
									2	20.0	8.1	32.4	7.3	97.7	7.2	9.9			
							Middle	5.6	1	20.0	8.1	32.5	7.3	96.7	8.9	11.2	7.3	9.0	11.1
									2	20.0	8.1	32.5	7.3	96.7	9.0	11.6			
							Bottom	10.2	1	20.0	8.1	32.6	7.2	96.4	10.9	12.0	7.2		
									2	20.0	8.1	32.6	7.2	96.4	10.9	12.0			
		TCE-WQM3A	Fine	Calm	16:25	5.1	Surface	1.0	1	20.0	8.1	32.6	7.3	97.6	7.1	11.8	7.3	8.2	13.0
									2	20.0	8.1	32.6	7.3	97.7	7.1	11.3			
							Bottom	4.1	1	20.0	8.1	32.6	7.3	97.1	9.4	14.5	7.3		
									2	20.0	8.1	32.6	7.3	97.2	9.4	14.3			
		TCE-WQM4	Fine	Calm	16:13	4.7	Surface	1.0	1	20.1	8.1	32.6	7.3	97.4	8.5	10.9	7.3	8.8	11.5
									2	20.1	8.1	32.6	7.3	97.4	8.5	10.8			
							Bottom	3.7	1	20.1	8.1	32.6	7.3	97.2	9.0	11.9	7.3		
									2	20.1	8.1	32.6	7.3	97.2	9.0	12.3			
2022-01-07	Mid-Flood	TCE-C1	Cloudy	Rough	12:26	7.1	Surface	1.0	1	19.9	8.1	32.8	7.5	100.0	8.0	15.2			
									2	19.9	8.1	32.8	7.5	99.9	8.0	15.7			
							Middle	3.6	1	19.9	8.1	33.3	7.5	99.5	8.4	14.2	7.5	8.6	14.3
									2	19.9	8.1	33.3	7.5	99.5	8.4	14.2			
							Bottom	6.1	1	19.9	8.1	33.2	7.5	99.5	9.5	13.2	7.5		
									2	19.9	8.1	33.3	7.5	99.7	9.6	13.2			
		TCE-C2	Cloudy	Rough	10:28	14.2	Surface	1.0	1	19.9	8.0	32.5	7.2	95.9	6.9	8.1			
									2	19.9	8.0	32.5	7.2	95.9	6.9	7.9			
							Middle	7.1	1	19.9	8.0	32.5	7.2	95.7	8.0	9.5	7.2	7.7	9.1
									2	19.9	8.0	32.5	7.2	95.8	8.0	9.3			
							Bottom	13.2	1	19.9	8.0	32.5	7.2	95.8	8.2	10.0	7.2		
									2	19.9	8.0	32.5	7.2	95.9	8.2	9.8			
		TCE-WQM1	Cloudy	Moderate	11:42	9.4	Surface	1.0	1	20.0	8.0	32.6	7.2	96.3	8.2	11.9			
									2	20.0	8.0	32.6	7.2	96.3	8.2	11.4			
							Middle	4.7	1	20.0	8.0	32.6	7.2	96.1	9.6	10.4	7.2	9.5	10.6
									2	20.0	8.0	32.6	7.2	96.1	9.6	10.5			
							Bottom	8.4	1	20.0	8.0	32.6	7.2	95.6	10.6	9.8	7.2		
									2	20.0	8.0	32.6	7.2	95.6	10.6	9.6			
		TCE-WQM2a	Cloudy	Moderate	11:05	6.6	Surface	1.0	1	19.9	8.1	32.3	7.4	98.6	8.1	8.4			
									2	19.9	8.1	32.3	7.4	98.6	8.1	8.4			
							Middle	3.3	1	19.9	8.1	32.4	7.4	98.2	7.5	9.7	7.4	7.9	9.9
									2	19.9	8.1	32.4	7.4	98.2	7.6	9.9			
							Bottom	5.6	1	19.9	8.1	32.4	7.4	98.3	8.1	11.2	7.4		
									2	19.9	8.1	32.4	7.4	98.4	8.1	11.6			
		TCE-WQM2b	Cloudy	Rough	10:53	10.2	Surface	1.0	1	19.9	8.1	32.3	7.4	97.9	9.3	10.2			
									2	19.9	8.1	32.3	7.4	98.0	9.3	9.9			
							Middle	5.1	1	19.9	8.1	32.3	7.4	98.0	11.4	9.6	7.4	10.9	9.5
									2	19.9	8.1	32.3	7.4	98.1	11.4	9.8			
							Bottom	9.2	1	19.8	8.1	32.3	7.4	98.8	12.1	8.8	7.4		
									2	19.8	8.1	32.3	7.5	98.9	12.1	8.8			
		TCE-WQM3A	Cloudy	Moderate	11:19	4.4	Surface	1.0	1	19.9	8.1	32.6	7.2	95.3	8.2	12.2	7.2	9.0	13.4
									2	19.9	8.1	32.6	7.2	95.3	8.2	12.1			
							Bottom	3.4	1	19.9	8.1	32.6	7.2	95.3	9.7	14.8	7.2		
									2	19.9	8.1	32.6	7.2	95.4	9.8	14.4			
		TCE-WQM4	Cloudy	Moderate	11:30	3.7	Surface	1.0	1	19.9	8.1	32.6	7.3	96.7	10.3	12.1	7.3	10.7	13.6
									2	19.9	8.1	32.6	7.3	96.7	10.3	11.6			
							Bottom	2.7	1	19.9	8.1	32.6	7.3	97.3	11.2	15.5	7.3		
									2	19.9	8.1	32.6	7.3	97.3	11.1	15.0			

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-10	Mid-Ebb	TCE-C1	Fine	Rough	6:45	7.7	Surface	1.0	1	19.9	8.1	32.8	7.5	100.0	7.3	10.5	7.5	8.5	9.6
									2	19.9	8.1	32.8	7.5	99.9	7.4	10.0			
							Middle	3.9	1	19.9	8.1	33.3	7.5	99.5	8.3	10.0			
									2	19.9	8.1	33.3	7.5	99.5	8.4	9.6			
							Bottom	6.7	1	19.9	8.1	33.2	7.5	99.5	9.8	8.2	7.5		
									2	19.9	8.1	33.3	7.5	99.7	9.9	9.4			
		TCE-C2	Fine	Rough	4:41	13.6	Surface	1.0	1	19.7	8.0	32.3	7.2	95.2	4.2	6.2	7.1	4.5	5.5
									2	19.7	8.0	32.3	7.2	95.2	4.2	5.7			
							Middle	6.8	1	19.7	8.0	32.4	7.1	94.0	4.5	6.0			
									2	19.7	8.0	32.4	7.1	94.0	4.5	5.1			
							Bottom	12.6	1	19.8	8.0	32.5	7.0	93.3	4.8	5.0	7.0		
									2	19.8	8.0	32.5	7.0	93.3	4.8	4.7			
		TCE-WQM1	Fine	Moderate	5:59	8.8	Surface	1.0	1	19.7	8.1	32.7	7.3	96.6	7.9	6.0	7.3	8.3	5.6
									2	19.7	8.1	32.7	7.3	96.6	7.9	6.2			
							Middle	4.4	1	19.7	8.1	32.8	7.3	96.7	7.6	5.0			
									2	19.7	8.1	32.8	7.3	96.7	7.6	5.8			
							Bottom	7.8	1	19.7	8.1	32.8	7.3	97.2	9.4	5.4	7.3		
									2	19.7	8.1	32.8	7.3	97.3	9.5	5.4			
		TCE-WQM2a	Fine	Moderate	5:22	7.5	Surface	1.0	1	19.6	8.1	32.3	7.3	96.6	4.3	5.2	7.3	6.7	5.7
									2	19.6	8.1	32.3	7.3	96.6	4.3	5.0			
							Middle	3.8	1	19.6	8.1	32.3	7.3	96.5	4.3	5.7			
									2	19.6	8.1	32.3	7.3	96.5	4.3	5.0			
							Bottom	6.5	1	19.7	8.0	32.6	7.2	95.5	11.6	6.9	7.2		
									2	19.7	8.0	32.6	7.2	95.5	11.6	6.1			
		TCE-WQM2b	Fine	Rough	5:09	9.3	Surface	1.0	1	19.7	8.0	32.2	7.3	96.6	5.0	4.4	7.3	5.2	4.3
									2	19.7	8.0	32.2	7.3	96.6	5.0	5.0			
							Middle	4.7	1	19.7	8.0	32.2	7.3	96.7	5.3	4.8			
									2	19.7	8.0	32.2	7.3	96.7	5.2	4.5			
							Bottom	8.3	1	19.7	8.0	32.2	7.4	97.2	5.3	3.8	7.4		
									2	19.7	8.0	32.2	7.4	97.3	5.3	3.2			
		TCE-WQM3A	Fine	Moderate	5:38	4.5	Surface	1.0	1	19.6	8.1	32.3	7.3	96.9	5.3	13.4	7.3	4.8	13.5
									2	19.6	8.1	32.3	7.3	96.8	5.3	14.6			
							Bottom	3.5	1	19.6	8.1	32.3	7.3	96.8	4.2	12.3	7.3		
									2	19.6	8.1	32.3	7.3	96.8	4.2	13.5			
		TCE-WQM4	Fine	Moderate	5:48	4.1	Surface	1.0	1	19.5	8.1	32.5	7.3	95.9	7.6	13.8	7.3	10.0	13.2
									2	19.5	8.1	32.5	7.3	96.0	7.6	12.8			
							Bottom	3.1	1	19.5	8.1	32.6	7.3	96.2	12.3	13.3	7.3		
									2	19.5	8.1	32.6	7.3	96.2	12.4	12.8			
2022-01-10	Mid-Flood	TCE-C1	Cloudy	Rough	12:01	8.6	Surface	1.0	1	19.7	8.2	33.0	7.5	99.4	4.7	5.5	7.4	8.0	6.1
									2	19.7	8.2	33.0	7.5	99.4	4.7	5.9			
							Middle	4.3	1	19.7	8.2	33.2	7.4	97.8	7.8	6.4			
									2	19.7	8.2	33.2	7.3	97.8	7.8	5.9			
							Bottom	7.6	1	19.8	8.2	33.4	7.3	97.7	11.5	6.6	7.3		
									2	19.8	8.2	33.4	7.3	97.7	11.5	6.0			
		TCE-C2	Cloudy	Rough	14:08	14.6	Surface	1.0	1	19.9	8.1	32.9	6.9	91.6	3.9	4.0	6.8	4.3	4.2
									2	19.9	8.1	33.0	6.9	91.6	3.9	3.5			
							Middle	7.3	1	19.9	8.1	33.2	6.8	90.2	4.5	3.7			
									2	19.9	8.1	33.2	6.8	90.3	4.6	4.8			
							Bottom	13.6	1	19.9	8.1	33.2	6.8	90.7	4.4	4.4	6.8		
									2	19.9	8.1	33.2	6.8	90.7	4.5	4.8			
		TCE-WQM1	Cloudy	Moderate	12:54	10.1	Surface	1.0	1	19.8	8.1	32.4	7.3	96.9	6.3	13.2	7.3	8.2	13.0
									2	19.8	8.1	32.4	7.3	96.9	6.3	14.0			
							Middle	5.1	1	19.7	8.1	32.6	7.4	97.6	8.5	13.4			
									2	19.7	8.1	32.6	7.4	97.6	8.6	12.6			
							Bottom	9.1	1	19.7	8.1	32.7	7.4	98.0	9.8	12.3	7.4		
									2	19.7	8.1	32.6	7.4	98.1	9.8	12.7			
		TCE-WQM2a	Cloudy	Moderate	13:29	7.9	Surface	1.0	1	19.8	8.1	32.3	7.2	95.2	9.2	5.1	7.2	7.0	4.7
									2	19.8	8.1	32.3	7.2	95.2	9.2	4.8			
							Middle	4.0	1	19.9	8.1	32.1	7.3	97.0	5.3	4.5			
									2	19.9	8.1	32.1	7.3	97.0	5.3	4.9			
							Bottom	6.9	1	19.8	8.1	32.2	7.3	96.6	6.5	4.2	7.3		
									2	19.8	8.1	32.2	7.3	96.6	6.6	4.8			
		TCE-WQM2b	Cloudy	Rough	13:47	10.5	Surface	1.0	1	19.8	8.1	32.2	7.2	95.4	3.8	4.8	7.2	5.5	6.0
									2	19.8	8.1	32.2	7.2	95.4	3.9	5.2			
							Middle	5.3	1	20.0	8.1	32.1	7.3	96.9	4.5	4.8			
									2	20.0	8.1	32.1	7.3	96.8	4.6	8.0			
							Bottom	9.5	1	19.8	8.1	32.2	7.2	95.2	8.1	6.3	7.2		
									2	19.8	8.1	32.2	7.2	95.2	8.2	6.6			
		TCE-WQM3A	Cloudy	Moderate	13:18	4.4	Surface	1.0	1	19.9	8.1	32.3	7.4	98.2	8.4	12.9	7.4	8.0	14.2
									2	19.9	8.1	32.3	7.4	98.4	8.5	13.7			
							Bottom	3.4	1	19.8	8.1	32.3	7.6	100.3	7.5	15.6	7.6		
									2	19.8	8.1	32.3	7.6	100.5	7.5	14.6			
		TCE-WQM4	Cloudy	Moderate	13:06	4.5	Surface	1.0	1	19.8	8.1	32.4	7.3	96.7	8.5	15.2	7.3	9.2	15.1
									2	19.8	8.1	32.4	7.3	96.7	8.4	16.0			
							Bottom	3.5	1	19.7	8.1	32.6	7.3	97.1	10.0	14.3	7.3		
									2	19.7	8.1	32.6	7.3	97.1	10.1	15.0			

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-12	Mid-Ebb	TCE-C1	Cloudy	Moderate	9:49	8.2	Surface	1.0	1	19.0	8.1	32.8	7.1	92.6	5.2	8.0			
									2	19.0	8.1	32.8	7.1	92.6	5.3	7.2			
							Middle	4.1	1	18.9	8.1	32.8	7.1	92.2	5.4	7.0	7.1	5.4	7.5
									2	18.9	8.1	32.8	7.1	92.1	5.4	7.9			
							Bottom	7.2	1	18.9	8.0	32.8	7.0	92.0	5.6	7.6	7.0		
									2	18.9	8.0	32.8	7.0	92.0	5.5	7.1			
		TCE-C2	Cloudy	Moderate	7:42	13.3	Surface	1.0	1	19.5	8.1	32.6	6.5	85.9	2.4	4.9			
									2	19.6	8.1	32.6	6.5	85.7	2.4	5.2			
							Middle	6.7	1	19.8	8.1	33.0	6.4	85.7	2.4	4.8	6.5	2.4	4.6
									2	19.8	8.1	33.0	6.5	85.9	2.4	5.0			
							Bottom	12.3	1	19.7	8.1	33.1	6.5	86.6	2.4	4.2	6.5		
									2	19.7	8.1	33.1	6.5	86.7	2.4	3.4			
		TCE-WQM1	Cloudy	Moderate	9:04	8.0	Surface	1.0	1	19.3	8.0	32.4	6.8	89.5	4.9	7.7			
									2	19.3	8.0	32.4	6.8	89.5	5.0	7.0			
							Middle	4.0	1	19.3	8.0	32.4	6.8	89.4	6.6	6.7	6.8	7.7	7.0
									2	19.3	8.0	32.5	6.8	89.3	7.6	7.5			
							Bottom	7.0	1	19.2	8.0	32.5	6.8	89.4	10.9	6.2	6.8		
									2	19.2	8.0	32.5	6.8	89.4	10.9	7.0			
		TCE-WQM2a	Cloudy	Moderate	8:27	7.1	Surface	1.0	1	19.2	8.0	32.5	7.1	92.9	2.9	2.7			
									2	19.2	8.0	32.5	7.1	92.9	2.9	3.2			
							Middle	3.6	1	19.2	8.0	32.5	7.2	94.1	3.3	2.8	7.1	3.4	3.7
									2	19.2	8.0	32.5	7.2	94.4	3.4	3.5			
							Bottom	6.1	1	19.2	8.0	32.6	7.4	96.8	4.0	4.8	7.4		
									2	19.2	8.0	32.6	7.4	96.9	4.0	5.4			
		TCE-WQM2b	Cloudy	Moderate	8:12	10.8	Surface	1.0	1	19.5	8.1	32.6	6.5	85.6	2.4	3.4			
									2	19.5	8.1	32.6	6.5	85.5	2.4	3.7			
							Middle	5.4	1	19.8	8.1	32.9	6.4	84.9	2.0	4.0	6.4	2.5	3.8
									2	19.8	8.1	32.9	6.4	85.0	2.0	3.5			
							Bottom	9.8	1	19.7	8.1	32.9	6.5	86.2	3.0	4.0	6.5		
									2	19.7	8.1	32.8	6.5	86.4	2.9	3.9			
		TCE-WQM3A	Cloudy	Moderate	8:38	4.4	Surface	1.0	1	19.2	8.0	32.1	6.8	89.4	5.7	6.6	6.8		
									2	19.2	8.0	32.2	6.8	89.4	5.7	6.0			
							Bottom	3.4	1	19.0	8.0	32.2	6.9	89.6	7.6	7.6	6.9	6.7	6.9
									2	19.0	8.0	32.2	6.9	89.8	7.9	7.5			
		TCE-WQM4	Cloudy	Moderate	8:50	3.4	Surface	1.0	1	19.3	8.0	32.1	6.8	89.3	6.6	7.0	6.8		
									2	19.3	8.0	32.1	6.8	89.3	7.4	6.8			
							Bottom	2.4	1	19.2	8.0	32.1	6.8	89.2	7.2	7.7	6.8	7.0	7.2
									2	19.2	8.0	32.1	6.8	89.3	6.7	7.1			
2022-01-12	Mid-Flood	TCE-C1	Cloudy	Moderate	13:05	8.2	Surface	1.0	1	19.1	8.1	32.7	7.1	93.0	5.2	7.0			
									2	19.1	8.1	32.7	7.1	93.0	5.2	7.9			
							Middle	4.1	1	19.1	8.1	32.7	7.1	92.8	5.1	8.4	7.1	5.1	8.0
									2	19.1	8.1	32.7	7.1	92.7	5.1	8.0			
							Bottom	7.2	1	19.0	8.1	32.7	7.1	92.6	5.1	8.5	7.1		
									2	19.0	8.1	32.7	7.1	92.6	5.1	8.2			
		TCE-C2	Cloudy	Moderate	15:07	14.4	Surface	1.0	1	19.8	8.1	33.1	6.3	83.7	1.4	7.3			
									2	19.8	8.1	33.1	6.3	83.6	1.4	7.5			
							Middle	7.2	1	19.9	8.1	33.2	6.3	83.4	1.6	6.7	6.3	1.4	6.8
									2	19.9	8.1	33.2	6.3	83.5	1.6	7.0			
							Bottom	13.4	1	19.8	8.0	33.2	6.3	83.9	1.3	6.4	6.3		
									2	19.8	8.0	33.2	6.3	83.9	1.3	6.0			
		TCE-WQM1	Cloudy	Moderate	13:48	8.0	Surface	1.0	1	19.3	8.0	32.4	6.8	89.2	5.0	9.6			
									2	19.3	8.0	32.4	6.8	89.2	5.0	9.8			
							Middle	4.0	1	19.2	8.0	32.4	6.8	89.2	5.0	8.8	6.8	5.0	9.2
									2	19.2	8.0	32.4	6.8	89.2	5.0	9.4			
							Bottom	7.0	1	19.2	8.0	32.5	6.8	89.1	5.0	8.5	6.8		
									2	19.2	8.0	32.5	6.8	89.1	5.0	8.9			
		TCE-WQM2a	Cloudy	Moderate	14:43	6.8	Surface	1.0	1	19.5	8.0	32.5	6.6	87.0	2.6	6.5			
									2	19.5	8.0	32.5	6.6	87.0	2.6	7.2			
							Middle	3.4	1	19.4	8.0	32.5	6.6	86.5	4.8	6.8	6.6	5.3	7.1
									2	19.4	8.0	32.5	6.6	86.4	5.0	7.4			
							Bottom	5.8	1	19.4	8.0	32.6	6.6	86.9	8.1	7.5	6.6		
									2	19.4	8.0	32.6	6.6	87.0	8.7	7.2			
		TCE-WQM2b	Cloudy	Moderate	14:54	11.3	Surface	1.0	1	19.6	8.0	32.7	6.4	84.7	2.2	7.6			
									2	19.6	8.0	32.8	6.4	84.5	2.2	8.0			
							Middle	5.7	1	19.7	8.0	33.1	6.3	83.6	2.2	6.9	6.3	3.4	6.8
									2	19.7	8.0	33.1	6.3	83.7	2.3	6.0			
							Bottom	10.3	1	19.7	8.0	33.1	6.4	85.4	5.7	6.6	6.4		
									2	19.7	8.0	33.1	6.4	85.7	5.7	5.9			
		TCE-WQM3A	Cloudy	Moderate	14:32	3.9	Surface	1.0	1	19.2	8.0	32.0	6.7	87.0	12.4	3.8	6.7		
									2	19.2	8.0	32.1	6.7	87.2	12.2	2.8			
							Bottom	2.9	1	19.2	8.0	32.1	6.7	87.6	15.8	4.3	6.7	13.9	3.7
									2	19.2	8.0	32.1	6.7	87.8	15.2	3.7			
		TCE-WQM4	Cloudy	Moderate	14:21	3.5	Surface	1.0	1	19.1	8.0	32.2	6.9	90.5	7.4	10.3	6.9		
									2	19.1	8.0	32.2	6.9	90.5	7.8	11.0			
							Bottom	2.5	1	19.0	8.0	32.2	6.9	90.5	13.3	7.6	6.9	10.5	9.2
									2	19.0	8.0	32.2	6.9	90.5	13.6	8.0			

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-14	Mid-Ebb	TCE-C1	Cloudy	Rough	11:48	7.4	Surface	1.0	1	19.5	8.2	33.8	7.1	94.4	6.2	8.1			
									2	19.5	8.2	33.8	7.1	94.4	6.3	8.3			
							Middle	3.7	1	19.5	8.2	33.8	7.1	94.3	6.1	8.7	7.1	6.1	9.1
									2	19.5	8.2	33.8	7.1	94.3	6.1	9.7			
							Bottom	6.4	1	19.5	8.2	33.8	7.1	94.3	5.9	10.1			
									2	19.5	8.2	33.8	7.1	94.3	6.0	9.9	7.1		
		TCE-C2	Cloudy	Rough	9:53	14.5	Surface	1.0	1	19.5	8.2	33.3	6.5	86.7	1.2	4.4			
									2	19.5	8.2	33.3	6.5	86.7	1.2	5.2			
							Middle	7.3	1	19.5	8.2	33.3	6.5	86.5	1.3	3.6	6.5	1.3	4.1
									2	19.5	8.2	33.3	6.5	86.5	1.3	4.0			
							Bottom	13.5	1	19.5	8.2	33.3	6.5	86.5	1.5	3.6			
									2	19.5	8.2	33.3	6.5	86.5	1.5	3.9	6.5		
		TCE-WQM1	Cloudy	Moderate	11:04	8.3	Surface	1.0	1	18.8	8.1	32.6	6.9	90.3	4.4	9.9			
									2	18.8	8.1	32.6	6.9	90.3	4.4	10.2			
							Middle	4.2	1	18.8	8.1	32.7	6.9	90.3	4.5	9.1	6.9	4.7	9.2
									2	18.8	8.1	32.7	6.9	90.3	4.5	8.7			
							Bottom	7.3	1	18.8	8.1	32.7	6.9	90.4	5.2	9.0			
									2	18.8	8.1	32.7	6.9	90.4	5.2	8.4	6.9		
		TCE-WQM2a	Cloudy	Rough	10:29	7.6	Surface	1.0	1	19.2	8.1	32.9	6.6	87.2	3.6	3.8			
									2	19.2	8.1	32.9	6.6	87.2	3.6	4.0			
							Middle	3.8	1	19.2	8.1	32.9	6.6	87.2	4.1	4.2	6.6	4.0	4.2
									2	19.2	8.1	32.9	6.6	87.3	4.1	3.6			
							Bottom	6.6	1	19.2	8.1	32.9	6.7	87.5	4.4	5.0			
									2	19.2	8.1	32.9	6.7	87.5	4.4	4.6	6.7		
		TCE-WQM2b	Cloudy	Rough	10:19	9.5	Surface	1.0	1	19.5	8.2	33.3	6.6	87.1	3.2	3.9			
									2	19.5	8.2	33.3	6.6	87.1	3.2	3.5			
							Middle	4.8	1	19.5	8.2	33.3	6.5	86.3	5.2	3.4	6.5	5.0	3.9
									2	19.5	8.2	33.3	6.5	86.3	5.2	4.3			
							Bottom	8.5	1	19.5	8.2	33.3	6.5	86.3	6.5	4.5			
									2	19.5	8.2	33.3	6.5	86.3	6.6	3.6	6.5		
		TCE-WQM3A	Cloudy	Moderate	10:41	4.1	Surface	1.0	1	18.9	8.1	32.5	6.9	90.0	5.9	10.1			
									2	18.9	8.1	32.5	6.9	90.0	5.9	10.3	6.9	6.2	10.4
							Bottom	3.1	1	18.9	8.1	32.5	6.9	89.9	6.5	10.0			
									2	18.9	8.1	32.5	6.9	89.9	6.6	11.0	6.9		
		TCE-WQM4	Cloudy	Moderate	10:51	3.8	Surface	1.0	1	18.9	8.1	32.5	6.9	90.4	7.2	10.5			
									2	18.9	8.1	32.5	6.9	90.4	7.1	11.3	6.9	7.3	10.5
							Bottom	2.8	1	18.9	8.1	32.5	6.9	90.4	7.5	10.0			
									2	18.9	8.1	32.5	6.9	90.4	7.4	10.2	6.9		
2022-01-14	Mid-Flood	TCE-C1	Cloudy	Rough	14:13	8.2	Surface	1.0	1	19.5	8.2	33.8	7.1	94.6	5.6	11.2			
									2	19.5	8.2	33.8	7.1	94.6	5.5	11.7			
							Middle	4.1	1	19.5	8.3	33.8	7.1	94.5	5.8	11.4	7.1	5.9	10.8
									2	19.5	8.3	33.8	7.1	94.5	5.8	10.8			
							Bottom	7.2	1	19.5	8.3	33.8	7.1	94.5	6.3	10.2			
									2	19.5	8.3	33.8	7.1	94.5	6.4	9.3	7.1		
		TCE-C2	Fine	Rough	16:12	15.1	Surface	1.0	1	19.3	8.1	33.0	6.7	87.9	2.2	5.8			
									2	19.3	8.1	33.0	6.7	87.9	2.2	6.9			
							Middle	7.6	1	19.3	8.1	33.0	6.6	87.1	2.2	4.4	6.6	2.3	4.7
									2	19.3	8.1	33.0	6.6	87.0	2.2	3.7			
							Bottom	14.1	1	19.3	8.1	33.1	6.6	86.7	2.4	3.8			
									2	19.3	8.1	33.1	6.6	86.7	2.4	3.4	6.6		
		TCE-WQM1	Fine	Moderate	14:55	9.5	Surface	1.0	1	18.7	8.1	32.5	7.0	91.1	6.6	9.3			
									2	18.7	8.1	32.5	7.0	91.1	6.6	9.4			
							Middle	4.8	1	18.8	8.1	32.7	7.0	90.7	6.3	8.9	7.0	7.6	9.1
									2	18.8	8.1	32.7	7.0	90.7	6.9	9.5			
							Bottom	8.5	1	18.7	8.1	32.8	6.9	90.1	9.5	8.4			
									2	18.7	8.1	32.8	6.9	90.1	9.6	9.0	6.9		
		TCE-WQM2a	Fine	Rough	15:32	7.8	Surface	1.0	1	19.2	8.1	32.9	6.7	88.6	3.0	7.0			
									2	19.2	8.1	32.9	6.7	88.6	3.0	6.1			
							Middle	3.9	1	19.2	8.1	32.9	6.7	88.4	3.1	4.0	6.7	3.1	4.9
									2	19.2	8.1	32.9	6.7	88.5	3.1	4.5			
							Bottom	6.8	1	19.1	8.1	32.9	6.8	88.7	3.2	3.8			
									2	19.1	8.1	32.9	6.8	88.7	3.2	4.2	6.8		
		TCE-WQM2b	Fine	Rough	15:45	10.4	Surface	1.0	1	19.3	8.1	33.1	6.6	87.5	2.1	4.9			
									2	19.3	8.1	33.1	6.6	87.5	2.1	5.6			
							Middle	5.2	1	19.3	8.1	33.1	6.6	87.0	1.9	4.7	6.6	2.0	4.7
									2	19.3	8.1	33.1	6.6	87.0	2.0	5.2			
							Bottom	9.4	1	19.3	8.1	33.1	6.6	87.1	1.9	4.0			
									2	19.3	8.1	33.1	6.6	87.1	1.9	3.8	6.6		
		TCE-WQM3A	Fine	Moderate	15:21	4.9	Surface	1.0	1	18.8	8.1	32.4	7.0	91.4	7.4	8.7	7.0	6.2	10.0
									2	18.8	8.1	32.4	7.0	91.5	7.4	8.8			
							Bottom	3.9	1	18.8	8.1	32.5	7.0	90.9	5.1	10.8			
									2	18.8	8.1	32.5	7.0	90.9	5.2	11.8	7.0		
		TCE-WQM4	Fine	Moderate	15:08	4.3	Surface	1.0	1	18.8	8.1	32.5	7.0	91.1	5.4	10.8	7.0	5.6	11.3
									2	18.8	8.1	32.5	7.0	91.1	5.4	11.4			
							Bottom	3.3	1	18.8	8.1	32.5	7.0	91.5	5.7	11.0			
									2	18.8	8.1	32.5	7.0	91.5	5.7	12.1	7.0		

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-17	Mid-Ebb	TCE-C1	Fine	Rough	11:22	8.1	Surface	1.0	1	19.5	8.2	32.2	7.3	95.7	3.6	5.8	7.2	7.4	6.3
									2	19.5	8.2	32.2	7.3	95.7	3.6	5.9			
							Middle	4.1	1	19.5	8.2	33.0	7.1	94.5	8.1	6.3			
									2	19.5	8.2	33.0	7.1	94.4	8.2	6.4			
							Bottom	7.1	1	19.5	8.2	33.3	7.1	94.2	10.4	6.3	7.1		
									2	19.5	8.2	33.3	7.1	94.2	10.4	6.8			
		TCE-C2	Fine	Rough	13:32	14.2	Surface	1.0	1	19.5	8.2	33.2	6.6	88.0	1.8	4.4	6.5	2.6	4.7
									2	19.5	8.2	33.2	6.6	88.0	1.8	4.6			
							Middle	7.1	1	19.5	8.2	33.3	6.4	85.4	2.2	4.6			
									2	19.5	8.2	33.3	6.4	85.4	2.1	4.6			
							Bottom	13.2	1	19.5	8.1	33.3	6.4	85.2	4.0	5.4	6.4		
									2	19.5	8.1	33.3	6.4	85.2	3.9	4.7			
		TCE-WQM1	Fine	Moderate	12:13	9.6	Surface	1.0	1	19.7	8.1	33.3	7.0	93.6	5.0	8.9	7.0	6.7	9.3
									2	19.7	8.1	33.3	7.0	93.5	5.0	9.4			
							Middle	4.8	1	19.7	8.1	33.3	7.0	93.4	5.2	8.9			
									2	19.7	8.1	33.3	7.0	93.4	5.3	9.7			
							Bottom	8.6	1	19.7	8.1	33.3	7.0	93.3	9.8	9.7	7.0		
									2	19.7	8.1	33.3	7.0	93.3	9.8	8.9			
		TCE-WQM2a	Fine	Rough	12:56	7.9	Surface	1.0	1	19.5	8.2	33.1	7.1	93.9	3.9	8.4	7.1	6.2	8.2
									2	19.5	8.2	33.1	7.1	93.9	3.9	8.5			
							Middle	4.0	1	19.5	8.2	33.1	7.0	93.1	5.7	8.2			
									2	19.5	8.2	33.1	7.0	93.1	6.0	8.5			
							Bottom	6.9	1	19.4	8.1	33.1	7.0	92.7	8.8	7.8	7.0		
									2	19.4	8.1	33.1	7.0	92.7	8.9	7.5			
		TCE-WQM2b	Fine	Rough	13:08	10.1	Surface	1.0	1	19.6	8.2	33.1	7.0	92.4	2.5	6.0	6.9	2.4	5.3
									2	19.6	8.2	33.1	7.0	92.4	2.5	5.4			
							Middle	5.1	1	19.6	8.2	33.1	6.9	91.7	2.5	5.4			
									2	19.6	8.2	33.1	6.9	91.6	2.4	5.0			
							Bottom	9.1	1	19.5	8.1	33.1	6.9	90.8	2.4	5.0	6.9		
									2	19.5	8.1	33.1	6.9	90.8	2.4	4.9			
		TCE-WQM3A	Fine	Moderate	12:36	4.6	Surface	1.0	1	19.4	8.2	33.1	7.1	93.8	6.7	10.8	7.1	7.9	11.6
									2	19.4	8.2	33.1	7.1	93.8	6.8	11.6			
							Bottom	3.6	1	19.3	8.1	33.1	7.0	91.9	9.0	12.4	7.0		
									2	19.3	8.1	33.2	7.0	91.9	9.1	11.6			
		TCE-WQM4	Fine	Moderate	12:25	4.1	Surface	1.0	1	19.7	8.2	33.3	7.1	93.8	4.4	10.6	7.1	6.9	10.6
									2	19.7	8.2	33.3	7.1	93.8	4.3	11.5			
							Bottom	3.1	1	19.7	8.2	33.3	7.1	93.8	9.4	10.5	7.0		
									2	19.7	8.2	33.3	7.0	93.7	9.4	9.8			
2022-01-17	Mid-Flood	TCE-C1	Cloudy	Rough	9:21	7.9	Surface	1.0	1	19.6	8.2	33.0	7.1	94.4	5.5	7.6	7.1	6.2	7.1
									2	19.6	8.2	33.0	7.1	94.4	5.5	8.4			
							Middle	4.0	1	19.5	8.2	33.1	7.1	94.2	6.1	6.9			
									2	19.5	8.2	33.1	7.1	94.2	6.1	6.8			
							Bottom	6.9	1	19.5	8.2	33.1	7.1	94.0	7.0	6.2	7.1		
									2	19.5	8.2	33.1	7.1	94.0	7.0	6.8			
		TCE-C2	Cloudy	Moderate	7:23	13.3	Surface	1.0	1	19.5	8.2	33.2	6.7	88.3	6.6	15.0	6.7	8.1	15.0
									2	19.5	8.2	33.2	6.7	88.3	6.7	14.2			
							Middle	6.7	1	19.5	8.2	33.2	6.7	88.2	9.6	15.5			
									2	19.5	8.2	33.2	6.7	88.2	9.6	15.0			
							Bottom	12.3	1	19.5	8.2	33.2	6.7	88.5	8.0	15.4	6.7		
									2	19.5	8.2	33.2	6.7	88.5	8.1	15.0			
		TCE-WQM1	Cloudy	Calm	8:35	8.7	Surface	1.0	1	19.5	8.2	33.3	7.0	93.0	3.6	5.5	7.0	4.0	6.5
									2	19.5	8.2	33.3	7.0	93.0	3.6	6.4			
							Middle	4.4	1	19.5	8.2	33.3	7.0	92.8	4.2	6.2			
									2	19.5	8.2	33.3	7.0	92.8	4.1	7.1			
							Bottom	7.7	1	19.5	8.1	33.3	7.0	92.8	4.3	6.4	7.0		
									2	19.5	8.1	33.3	7.0	92.8	4.2	7.1			
		TCE-WQM2a	Cloudy	Moderate	7:59	7.4	Surface	1.0	1	19.5	8.2	33.1	7.0	93.0	4.4	8.3	7.0	4.9	11.3
									2	19.5	8.2	33.1	7.0	93.0	4.4	9.2			
							Middle	3.7	1	19.5	8.2	33.1	7.0	92.9	5.0	12.3			
									2	19.5	8.2	33.1	7.0	92.9	5.0	12.9			
							Bottom	6.4	1	19.4	8.2	33.1	7.0	92.7	5.2	12.9	7.0		
									2	19.4	8.2	33.1	7.0	92.7	5.3	12.4			
		TCE-WQM2b	Cloudy	Moderate	7:46	9.1	Surface	1.0	1	19.5	8.2	33.0	7.0	92.4	6.6	9.6	7.0	7.0	10.7
									2	19.5	8.2	33.0	7.0	92.4	6.6	9.0			
							Middle	4.6	1	19.5	8.1	33.0	7.0	92.2	6.9	10.4			
									2	19.5	8.1	33.0	7.0	92.2	7.0	11.2			
							Bottom	8.1	1	19.5	8.1	33.1	7.0	92.2	7.4	11.7	7.0		
									2	19.5	8.1	33.1	7.0	92.2	7.5	12.5			
		TCE-WQM3A	Cloudy	Calm	8:10	3.7	Surface	1.0	1	19.3	8.1	33.1	6.8	89.5	4.2	9.2	6.8	4.4	9.0
									2	19.3	8.1	33.1	6.8	89.5	4.2	8.4			
							Bottom	2.7	1	19.2	8.1	33.2	6.8	89.6	4.5	8.7	6.8		
									2	19.2	8.1	33.2	6.8	89.6	4.5	9.5			
		TCE-WQM4	Cloudy	Calm	8:20	3.5	Surface	1.0	1	19.3	8.1	33.2	6.9	91.2	4.3	8.5	6.9	4.9	7.7
									2	19.3	8.1	33.2	6.9	91.1	4.4	8.1			
							Bottom	2.5	1	19.3	8.1	33.2	6.9	90.6	5.5	6.9	6.9		
									2	19.3	8.1	33.2	6.9	90.6	5.6	7.4			

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-19	Mid-Ebb	TCE-C1	Cloudy	Moderate	12:30	8.4	Surface	1.0	1	18.9	8.2	31.8	7.3	95.3	7.6	9.2			
									2	18.9	8.2	31.8	7.3	95.3	7.5	9.0			
							Middle	4.2	1	18.9	8.2	32.5	7.3	95.2	12.8	9.7	7.3		
									2	18.9	8.2	32.5	7.3	95.3	12.7	9.9		11.3	10.2
							Bottom	7.4	1	18.9	8.2	32.5	7.4	96.8	15.1	12.0			
									2	18.9	8.2	32.5	7.4	97.0	12.1	11.2	7.4		
		TCE-C2	Cloudy	Moderate	14:22	13.2	Surface	1.0	1	19.3	8.2	33.2	6.6	87.0	3.1	8.2			
									2	19.3	8.2	33.2	6.6	87.0	3.2	8.0			
							Middle	6.6	1	19.3	8.2	33.2	6.6	87.1	4.5	8.5	6.6		
									2	19.3	8.2	33.2	6.6	87.2	4.7	8.9		4.7	9.0
							Bottom	12.2	1	19.2	8.2	33.2	6.7	88.9	6.5	10.4			
									2	19.2	8.2	33.2	6.8	89.0	6.5	9.9	6.7		
		TCE-WQM1	Cloudy	Moderate	13:16	8.2	Surface	1.0	1	19.1	8.2	32.9	7.1	93.0	4.5	7.2			
									2	19.1	8.2	32.9	7.1	93.0	4.6	7.6			
							Middle	4.1	1	19.0	8.2	33.0	7.1	93.2	4.7	9.3	7.1		
									2	19.0	8.2	33.0	7.1	93.2	4.7	9.0		4.7	8.8
							Bottom	7.2	1	18.9	8.2	33.0	7.2	94.4	4.7	9.8			
									2	18.9	8.2	33.0	7.2	94.6	4.7	9.6	7.2		
		TCE-WQM2a	Cloudy	Moderate	13:46	7.0	Surface	1.0	1	19.2	8.2	32.6	7.2	94.1	4.2	7.8			
									2	19.2	8.2	32.6	7.2	94.1	4.2	7.5			
							Middle	3.5	1	19.0	8.2	32.7	7.3	95.5	7.2	8.1	7.2		
									2	19.0	8.2	32.7	7.3	95.9	7.4	8.0		6.9	8.3
							Bottom	6.0	1	19.0	8.2	32.7	7.5	97.7	9.3	9.4			
									2	19.0	8.2	32.7	7.5	98.0	9.4	9.2	7.5		
		TCE-WQM2b	Cloudy	Moderate	13:56	10.4	Surface	1.0	1	19.3	8.2	32.7	7.0	92.1	5.7	7.4			
									2	19.3	8.2	32.7	7.0	92.1	5.8	7.6			
							Middle	5.2	1	19.2	8.2	32.8	7.1	93.8	7.3	8.2	7.1		
									2	19.2	8.2	32.8	7.2	94.0	7.3	8.5		6.8	8.3
							Bottom	9.4	1	19.2	8.1	32.8	7.3	96.0	7.4	8.8			
									2	19.2	8.1	32.8	7.3	96.2	7.3	9.0	7.3		
		TCE-WQM3A	Cloudy	Moderate	13:36	3.7	Surface	1.0	1	19.1	8.2	32.7	7.2	94.5	4.2	8.8	7.2		
									2	19.1	8.2	32.7	7.2	94.6	4.2	8.6		4.2	10.3
							Bottom	2.7	1	19.1	8.2	32.7	7.3	95.8	4.2	12.2			
									2	19.1	8.2	32.7	7.3	96.2	4.1	11.6	7.3		
		TCE-WQM4	Cloudy	Moderate	13:27	3.1	Surface	1.0	1	19.1	8.2	32.8	7.3	95.7	6.2	7.2	7.3		
									2	19.1	8.2	32.8	7.3	96.1	6.3	7.9		9.1	8.7
							Bottom	2.1	1	19.0	8.2	32.9	7.5	97.9	11.8	10.3			
									2	19.0	8.2	32.9	7.5	98.4	11.9	9.5	7.5		
2022-01-19	Mid-Flood	TCE-C1	Cloudy	Moderate	10:07	8.1	Surface	1.0	1	18.9	8.2	31.8	7.4	95.9	7.9	6.4			
									2	18.9	8.2	31.8	7.4	95.9	8.0	6.8			
							Middle	4.1	1	18.9	8.2	32.6	7.4	96.3	9.8	7.7	7.4		
									2	18.9	8.2	32.6	7.4	96.4	8.9	7.6		9.7	7.6
							Bottom	7.1	1	18.9	8.2	32.6	7.5	97.5	11.7	8.5			
									2	18.9	8.2	32.6	7.5	97.8	12.0	8.4	7.5		
		TCE-C2	Cloudy	Moderate	7:48	12.5	Surface	1.0	1	19.1	8.2	32.6	7.0	92.1	2.8	16.7			
									2	19.1	8.2	32.6	7.0	92.1	2.9	16.7			
							Middle	6.3	1	19.1	8.2	32.6	7.0	92.2	5.5	15.6	7.0		
									2	19.1	8.2	32.6	7.0	92.2	5.8	15.4		5.1	15.7
							Bottom	11.5	1	19.0	8.2	32.6	7.1	92.9	6.7	15.1			
									2	19.0	8.2	32.6	7.1	93.2	6.7	14.9	7.1		
		TCE-WQM1	Cloudy	Moderate	9:06	8.0	Surface	1.0	1	19.0	8.2	33.0	7.1	92.8	6.3	8.1			
									2	19.0	8.2	33.0	7.1	92.8	6.3	7.6			
							Middle	4.0	1	19.0	8.2	33.0	7.1	93.1	6.8	7.0	7.1		
									2	18.9	8.2	33.0	7.1	93.2	6.9	7.3		7.0	7.2
							Bottom	7.0	1	18.9	8.2	33.0	7.2	93.8	7.5	6.5			
									2	18.9	8.2	33.0	7.2	93.9	8.0	6.8	7.2		
		TCE-WQM2a	Cloudy	Moderate	8:30	6.5	Surface	1.0	1	19.0	8.2	32.6	7.1	93.2	5.4	15.7			
									2	19.0	8.2	32.6	7.1	93.2	5.4	15.5			
							Middle	3.3	1	19.0	8.2	32.6	7.1	93.4	8.4	14.9	7.1		
									2	19.0	8.2	32.6	7.1	93.4	8.6	15.1		7.4	14.4
							Bottom	5.5	1	19.0	8.2	32.6	7.3	94.9	8.1	12.5			
									2	19.0	8.2	32.6	7.3	95.2	8.4	12.6	7.3		
		TCE-WQM2b	Cloudy	Moderate	8:01	10.8	Surface	1.0	1	19.1	8.2	32.5	7.0	91.9	3.4	14.0			
									2	19.1	8.2	32.5	7.0	91.9	3.2	14.5			
							Middle	5.4	1	19.1	8.2	32.5	7.0	91.7	6.5	15.3	7.0		
									2	19.1	8.2	32.5	7.0	91.7	6.9	15.1		7.3	15.0
							Bottom	9.8	1	19.1	8.2	32.5	7.0	91.8	12.0	15.6			
									2	19.1	8.2	32.5	7.0	91.8	11.6	15.4	7.0		
		TCE-WQM3A	Cloudy	Moderate	8:42	3.7	Surface	1.0	1	19.0	8.2	32.8	7.0	92.1	7.3	15.2	7.0		
									2	19.0	8.2	32.8	7.0	92.2	7.5	15.0		8.1	12.1
							Bottom	2.7	1	18.9	8.2	32.9	7.2	93.5	8.9	9.3			
									2	18.9	8.2	32.9	7.2	93.6	8.5	9.0	7.2		
		TCE-WQM4	Cloudy	Moderate	8:52	3.0	Surface	1.0	1	19.1	8.2	32.9	7.0	92.1	8.7	7.6	7.0		
									2	19.1	8.2	32.9	7.0	92.2	8.5	8.1		8.4	9.7
							Bottom	2.0	1	19.0	8.2	32.9	7.2	93.9	8.3	11.8			
									2	19.0	8.2	32.9	7.2	94.2	8.3	11.3	7.2		

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-21	Mid-Ebb	TCE-C1	Fine	Rough	13:30	8.1	Surface	1.0	1	18.8	8.2	32.3	8.1	105.0	5.7	5.0			
									2	18.8	8.2	32.3	8.1	105.0	5.7	4.9	8.0		
							Middle	4.1	1	18.8	8.2	32.7	8.0	103.9	6.1	5.6			
									2	18.8	8.2	32.7	8.0	103.8	6.1	5.8		6.7	5.8
							Bottom	7.1	1	18.8	8.2	33.3	7.9	103.4	8.3	6.7			
									2	18.8	8.2	33.3	7.9	103.5	8.3	6.8	7.9		
		TCE-C2	Cloudy	Rough	15:13	14.6	Surface	1.0	1	19.2	8.1	32.9	7.6	99.6	4.8	5.4			
									2	19.2	8.1	32.9	7.6	99.6	4.8	5.1	7.5		
							Middle	7.3	1	19.2	8.1	32.9	7.5	98.9	4.4	4.9			
									2	19.2	8.1	32.9	7.5	98.9	4.4	4.5		4.6	4.8
							Bottom	13.6	1	19.2	8.1	33.1	7.4	96.7	4.6	4.3			
									2	19.2	8.1	33.1	7.4	96.7	4.6	4.4	7.4		
		TCE-WQM1	Fine	Moderate	14:04	9.6	Surface	1.0	1	19.2	8.2	32.8	7.8	102.6	6.3	7.2			
									2	19.2	8.2	32.8	7.8	102.6	6.3	7.1	7.8		
							Middle	4.8	1	19.2	8.2	32.9	7.8	102.5	7.3	8.3			
									2	19.2	8.2	32.9	7.8	102.5	7.3	8.2		6.6	8.0
							Bottom	8.6	1	19.2	8.2	32.9	7.8	102.7	6.3	8.6			
									2	19.2	8.2	32.9	7.8	102.7	6.4	8.6	7.8		
		TCE-WQM2a	Cloudy	Rough	14:36	8.4	Surface	1.0	1	19.1	8.1	32.9	7.7	101.1	3.3	7.7			
									2	19.1	8.1	32.9	7.7	101.1	3.3	8.0	7.7		
							Middle	4.2	1	19.1	8.1	32.9	7.7	100.7	4.4	7.0			
									2	19.1	8.1	32.9	7.7	100.7	4.3	6.7		4.4	6.9
							Bottom	7.4	1	19.1	8.1	32.9	7.7	100.6	5.5	5.8			
									2	19.1	8.1	32.9	7.7	100.6	5.6	6.0	7.7		
		TCE-WQM2b	Cloudy	Rough	14:49	11.2	Surface	1.0	1	19.2	8.1	32.9	7.6	99.3	4.5	4.4			
									2	19.2	8.1	32.9	7.5	99.3	4.5	4.4	7.5		
							Middle	5.6	1	19.2	8.1	32.9	7.5	98.8	4.4	4.8			
									2	19.2	8.1	32.9	7.5	98.8	4.4	4.7		5.1	4.7
							Bottom	10.2	1	19.1	8.1	33.1	7.4	96.8	6.5	4.9			
									2	19.1	8.1	33.1	7.4	96.9	6.6	5.0	7.4		
		TCE-WQM3A	Fine	Moderate	14:24	5.4	Surface	1.0	1	19.1	8.1	32.9	7.7	101.1	3.4	8.3			
									2	19.1	8.1	32.9	7.7	101.1	3.4	8.0	7.7		
							Bottom	4.4	1	19.1	8.1	32.8	7.7	101.1	4.4	9.2		3.9	8.7
									2	19.1	8.1	32.8	7.7	101.1	4.4	9.2	7.7		
		TCE-WQM4	Fine	Moderate	14:15	4.1	Surface	1.0	1	19.3	8.1	33.0	7.8	103.5	5.7	8.3			
									2	19.3	8.1	33.0	7.8	103.5	5.6	8.5	7.8		
							Bottom	3.1	1	19.3	8.2	32.9	7.9	103.8	6.8	7.9		6.3	8.2
									2	19.3	8.2	32.9	7.9	103.9	6.9	7.9	7.9		
2022-01-21	Mid-Flood	TCE-C1	Cloudy	Moderate	11:15	7.6	Surface	1.0	1	18.8	8.2	33.1	7.9	103.6	11.7	4.3			
									2	18.8	8.2	33.1	7.9	103.6	11.8	4.4	7.9		
							Middle	3.8	1	18.7	8.2	33.1	7.9	103.2	13.3	4.9			
									2	18.7	8.2	33.1	7.9	103.2	13.3	4.7		13.2	4.8
							Bottom	6.6	1	18.7	8.2	33.2	7.9	103.4	14.6	5.4			
									2	18.7	8.2	33.2	7.9	103.4	14.6	5.3	7.9		
		TCE-C2	Cloudy	Moderate	8:58	13.7	Surface	1.0	1	19.1	8.0	32.9	7.5	98.5	4.9	6.4			
									2	19.1	8.0	32.9	7.5	98.5	4.9	6.5	7.5		
							Middle	6.9	1	19.1	8.0	32.9	7.5	98.2	6.6	5.6			
									2	19.1	8.0	32.9	7.5	98.2	6.6	5.4		7.6	5.6
							Bottom	12.7	1	19.1	8.0	32.9	7.5	98.1	11.3	4.8			
									2	19.1	8.0	32.9	7.5	98.1	11.3	4.8	7.5		
		TCE-WQM1	Cloudy	Moderate	10:09	8.2	Surface	1.0	1	19.1	8.1	33.0	7.7	101.4	5.9	6.9			
									2	19.1	8.1	33.0	7.7	101.4	6.0	7.1	7.7		
							Middle	4.1	1	19.0	8.1	33.0	7.6	100.2	6.2	7.6			
									2	19.0	8.1	33.0	7.6	100.2	6.2	7.6		6.1	7.4
							Bottom	7.2	1	19.0	8.1	33.0	7.7	100.2	6.0	7.7			
									2	19.0	8.1	33.0	7.7	100.3	6.1	7.7	7.7		
		TCE-WQM2a	Cloudy	Moderate	9:34	7.1	Surface	1.0	1	19.0	8.1	32.7	7.7	100.7	4.9	5.2			
									2	19.0	8.1	32.7	7.7	100.7	4.9	5.0	7.7		
							Middle	3.6	1	19.0	8.1	32.9	7.6	99.8	5.4	5.5			
									2	19.0	8.1	32.9	7.6	99.8	5.4	5.5		5.7	5.7
							Bottom	6.1	1	19.0	8.1	33.0	7.6	99.4	6.9	6.4			
									2	19.0	8.1	33.0	7.6	99.5	6.9	6.3	7.6		
		TCE-WQM2b	Cloudy	Moderate	9:21	10.1	Surface	1.0	1	19.0	8.1	32.8	7.7	100.3	8.5	5.1			
									2	19.0	8.1	32.8	7.7	100.3	8.6	4.8	7.7		
							Middle	5.1	1	18.9	8.1	32.8	7.7	100.5	9.9	5.4			
									2	18.9	8.1	32.8	7.7	100.5	10.0	5.6		9.9	5.5
							Bottom	9.1	1	18.9	8.1	32.8	7.8	101.5	11.1	5.8			
									2	18.9	8.1	32.8	7.8	101.7	11.2	6.0	7.8		
		TCE-WQM3A	Cloudy	Calm	9:46	4.5	Surface	1.0	1	19.0	8.1	33.0	7.6	99.1	4.9	5.4			
									2	19.0	8.1	32.9	7.6	99.1	5.0	5.4	7.6		
							Bottom	3.5	1	19.0	8.1	33.0	7.6	99.3	5.6	4.6		5.3	4.9
									2	19.0	8.1	33.0	7.6	99.3	5.6	4.2	7.6		
		TCE-WQM4	Cloudy	Calm	9:57	3.4	Surface	1.0	1	19.0	8.1	33.0	7.6	99.1	6.6	4.5			
									2	19.0	8.1	33.0	7.6	99.1	5.6	4.7	7.6		
							Bottom	2.4	1	19.0	8.1	33.0	7.6	99.3	5.9	3.9		6.0	4.2
									2	19.0	8.1	33.0	7.6	99.4	5.9	3.8	7.6		

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-24	Mid-Ebb	TCE-C1	Fine	Rough	15:52	8.1	Surface	1.0	1	19.4	8.1	32.5	7.6	99.6	7.8	2.7			
									2	19.4	8.1	32.5	7.6	99.7	7.9	2.3	7.6		
							Middle	4.1	1	19.3	8.1	32.5	7.6	100.3	10.0	3.1			
									2	19.3	8.1	32.6	7.6	100.4	10.1	2.3		9.7	2.7
							Bottom	7.1	1	19.3	8.1	32.6	7.7	100.6	11.1	3.2			
									2	19.3	8.1	32.6	7.6	100.6	11.1	2.6	7.6		
		TCE-C2	Fine	Rough	17:41	14.6	Surface	1.0	1	19.2	8.1	32.7	7.3	95.7	3.6	1.9			
									2	19.2	8.1	32.7	7.3	95.7	3.6	1.7	7.2		
							Middle	7.3	1	19.2	8.1	33.0	7.2	94.1	5.3	3.0			
									2	19.2	8.1	33.0	7.1	94.0	5.3	4.0		5.0	3.1
							Bottom	13.6	1	19.2	8.1	33.0	7.2	94.2	6.2	4.3			
									2	19.2	8.1	33.0	7.2	94.2	6.2	3.4	7.2		
		TCE-WQM1	Fine	Rough	16:28	10.2	Surface	1.0	1	19.3	8.1	32.4	7.6	100.4	7.0	3.3			
									2	19.3	8.1	32.3	7.6	100.3	7.1	3.5	7.6		
							Middle	5.1	1	19.3	8.1	32.4	7.6	99.9	6.5	3.5			
									2	19.3	8.1	32.4	7.6	99.9	6.5	2.7		6.7	3.1
							Bottom	9.2	1	19.3	8.1	32.5	7.6	99.9	6.7	2.7			
									2	19.3	8.1	32.5	7.6	99.9	6.7	2.8	7.6		
		TCE-WQM2a	Fine	Moderate	17:07	8.2	Surface	1.0	1	19.4	8.1	31.7	7.7	100.5	3.3	7.2			
									2	19.4	8.1	31.7	7.7	100.5	3.3	8.0	7.6		
							Middle	4.1	1	19.2	8.1	32.0	7.6	99.5	3.9	2.5			
									2	19.2	8.1	32.0	7.6	99.5	4.0	5.0		5.3	6.6
							Bottom	7.2	1	19.3	8.1	32.3	7.5	99.1	8.6	8.2			
									2	19.3	8.1	32.3	7.6	99.1	8.7	8.5	7.5		
		TCE-WQM2b	Fine	Rough	17:16	10.5	Surface	1.0	1	19.3	8.1	32.1	7.6	99.6	4.2	9.1			
									2	19.3	8.1	32.1	7.6	99.7	4.3	9.8	7.6		
							Middle	5.3	1	19.3	8.1	32.1	7.5	98.8	4.3	9.9			
									2	19.3	8.1	32.1	7.5	98.8	4.3	9.6		4.6	9.7
							Bottom	9.5	1	19.3	8.1	32.2	7.5	98.3	5.3	9.8			
									2	19.3	8.1	32.2	7.5	98.3	5.3	10.2	7.5		
		TCE-WQM3A	Fine	Moderate	16:55	4.3	Surface	1.0	1	19.4	8.1	32.5	7.5	98.8	6.4	8.0			
									2	19.4	8.1	32.5	7.5	98.8	6.5	8.9	7.5		
							Bottom	3.3	1	19.4	8.1	32.4	7.5	98.6	7.0	9.3		6.7	8.7
									2	19.4	8.1	32.4	7.5	98.6	7.0	8.5	7.5		
		TCE-WQM4	Fine	Moderate	16:43	4.7	Surface	1.0	1	19.3	8.1	32.4	7.6	100.2	6.1	4.1			
									2	19.3	8.1	32.4	7.6	100.2	6.2	3.3	7.6		
							Bottom	3.7	1	19.3	8.1	32.4	7.7	100.7	6.8	3.8		6.5	3.8
									2	19.3	8.1	32.4	7.7	100.9	6.9	3.8	7.7		
2022-01-24	Mid-Flood	TCE-C1	Cloudy	Rough	12:17	7.9	Surface	1.0	1	19.4	8.1	32.5	7.5	99.1	7.2	2.5			
									2	19.4	8.1	32.5	7.5	99.2	7.3	2.5	7.6		
							Middle	4.0	1	19.3	8.1	32.5	7.6	100.1	8.6	2.6			
									2	19.3	8.1	32.5	7.6	100.1	8.7	2.5		9.3	2.6
							Bottom	6.9	1	19.3	8.1	32.6	7.6	100.4	12.1	3.2			
									2	19.3	8.1	32.6	7.6	100.4	12.1	2.4	7.6		
		TCE-C2	Cloudy	Rough	10:08	14.1	Surface	1.0	1	19.2	8.1	32.1	7.6	99.0	3.6	2.6			
									2	19.2	8.1	32.1	7.6	99.0	3.6	3.2	7.5		
							Middle	7.1	1	19.2	8.1	32.2	7.5	98.6	3.4	2.9			
									2	19.2	8.1	32.2	7.5	98.6	3.4	3.8		3.8	3.4
							Bottom	13.1	1	19.2	8.1	32.2	7.5	98.5	4.4	3.5			
									2	19.2	8.1	32.2	7.5	98.5	4.4	4.4	7.5		
		TCE-WQM1	Cloudy	Moderate	11:31	9.1	Surface	1.0	1	19.3	8.1	32.5	7.6	99.9	8.5	9.2			
									2	19.3	8.1	32.5	7.6	99.9	8.6	10.3	7.6		
							Middle	4.6	1	19.3	8.1	32.5	7.6	99.5	9.4	10.1			
									2	19.3	8.1	32.5	7.6	99.5	9.4	9.2		9.5	9.5
							Bottom	8.1	1	19.3	8.1	32.5	7.6	99.4	10.5	8.9			
									2	19.3	8.1	32.5	7.6	99.3	10.5	9.2	7.6		
		TCE-WQM2a	Cloudy	Moderate	10:50	7.4	Surface	1.0	1	19.2	8.1	31.9	7.5	98.5	4.3	1.8			
									2	19.2	8.1	31.9	7.5	98.5	4.3	1.5	7.5		
							Middle	3.7	1	19.2	8.1	32.0	7.5	98.3	4.5	2.1			
									2	19.2	8.1	32.0	7.5	98.2	4.5	2.6		4.5	2.3
							Bottom	6.4	1	19.2	8.1	31.9	7.5	98.2	4.7	3.0			
									2	19.2	8.1	31.9	7.5	98.2	4.8	2.7	7.5		
		TCE-WQM2b	Cloudy	Rough	10:36	9.3	Surface	1.0	1	19.2	8.1	32.1	7.6	99.4	3.2	5.0			
									2	19.2	8.1	32.1	7.6	99.4	3.3	4.3	7.6		
							Middle	4.7	1	19.2	8.1	32.2	7.5	98.5	3.4	5.1			
									2	19.2	8.1	32.2	7.5	98.5	3.4	4.5		3.5	5.1
							Bottom	8.3	1	19.2	8.1	32.2	7.5	98.4	4.0	5.6			
									2	19.2	8.1	32.2	7.5	98.4	4.0	6.0	7.5		
		TCE-WQM3A	Cloudy	Moderate	11:06	4.8	Surface	1.0	1	19.2	8.1	32.0	7.6	99.4	7.0	3.5			
									2	19.2	8.1	32.0	7.6	99.4	7.0	2.4	7.6		
							Bottom	3.8	1	19.2	8.1	32.1	7.6	99.2	9.6	3.4		8.3	3.1
									2	19.2	8.1	32.1	7.6	99.2	9.6	3.1	7.6		
		TCE-WQM4	Cloudy	Moderate	11:18	3.7	Surface	1.0	1	19.4	8.1	32.5	7.4	97.5	3.2	13.2			
									2	19.4	8.1	32.5	7.4	97.5	3.2	13.0	7.4		
							Bottom	2.7	1	19.3	8.1	32.5	7.4	97.7	5.1	10.7		4.2	11.7
									2	19.3	8.1	32.4	7.5	97.9	5.1	9.9	7.4		

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-26	Mid-Ebb	TCE-C1	Misty	Calm	12:27	8.0	Surface	1.0	1	18.4	8.2	31.8	7.5	96.7	4.1	2.0	7.5	6.0	1.9
									2	18.4	8.2	31.8	7.5	96.5	4.1	2.4			
							Middle	4.0	1	18.3	8.2	32.1	7.5	96.2	6.7	2.0			
									2	18.2	8.2	32.2	7.5	96.2	6.9	1.8			
							Bottom	7.0	1	18.2	8.2	32.3	7.5	96.7	7.1	1.8	7.5		
									2	18.2	8.2	32.3	7.5	96.9	7.1	1.6			
		TCE-C2	Misty	Calm	14:42	12.4	Surface	1.0	1	18.8	8.2	31.5	7.3	94.2	1.1	2.0	7.3	1.5	3.2
									2	18.8	8.2	31.5	7.3	94.3	1.1	2.7			
							Middle	6.2	1	18.8	8.2	31.5	7.3	94.8	1.3	3.2			
									2	18.8	8.2	31.4	7.3	94.9	1.3	3.8			
							Bottom	11.4	1	18.8	8.2	31.4	7.3	95.0	2.1	4.0	7.3		
									2	18.8	8.2	31.4	7.3	95.1	2.1	3.4			
		TCE-WQM1	Misty	Calm	13:28	8.6	Surface	1.0	1	18.8	8.2	31.3	7.4	96.2	1.0	2.4	7.4	1.7	2.2
									2	18.8	8.2	31.3	7.4	96.2	1.1	3.0			
							Middle	4.3	1	18.8	8.2	31.3	7.4	96.2	1.4	2.4			
									2	18.8	8.2	31.3	7.4	96.2	1.5	2.1			
							Bottom	7.6	1	18.8	8.2	31.3	7.5	96.7	2.6	1.3	7.5		
									2	18.8	8.2	31.3	7.5	96.8	2.6	1.8			
		TCE-WQM2a	Misty	Calm	13:59	8.0	Surface	1.0	1	18.9	8.2	31.3	7.4	95.1	1.1	1.8	7.4	1.1	2.3
									2	18.9	8.2	31.3	7.4	95.1	1.1	2.1			
							Middle	4.0	1	18.8	8.2	31.3	7.4	95.4	1.1	2.3			
									2	18.8	8.2	31.3	7.4	95.5	1.1	2.3			
							Bottom	7.0	1	18.8	8.2	31.3	7.5	96.3	1.2	2.4	7.5		
									2	18.8	8.2	31.3	7.5	96.5	1.2	2.6			
		TCE-WQM2b	Misty	Calm	14:09	10.8	Surface	1.0	1	18.8	8.2	31.4	7.4	95.5	1.0	2.3	7.4	1.5	2.5
									2	18.8	8.2	31.4	7.4	95.5	1.1	1.6			
							Middle	5.4	1	18.8	8.2	31.4	7.4	96.0	1.4	2.2			
									2	18.8	8.2	31.4	7.4	96.1	1.3	3.0			
							Bottom	9.8	1	18.8	8.2	31.4	7.5	96.8	2.2	2.5	7.5		
									2	18.8	8.2	31.4	7.5	97.0	2.3	3.2			
		TCE-WQM3A	Misty	Calm	13:49	4.2	Surface	1.0	1	19.0	8.2	31.2	7.4	95.3	1.3	2.1	7.4	1.8	2.0
									2	19.0	8.2	31.2	7.4	95.4	1.3	2.5			
							Bottom	3.2	1	19.0	8.2	31.2	7.4	96.2	2.2	1.7	7.4		
									2	19.0	8.2	31.2	7.4	96.4	2.2	1.5			
		TCE-WQM4	Misty	Calm	13:39	4.0	Surface	1.0	1	19.0	8.2	31.2	7.5	97.1	1.2	2.0	7.5	1.4	2.2
									2	19.0	8.2	31.2	7.5	97.2	1.2	2.4			
							Bottom	3.0	1	19.0	8.2	31.3	7.6	97.9	1.5	1.7	7.6		
									2	19.0	8.2	31.3	7.6	98.2	1.5	2.5			
2022-01-26	Mid-Flood	TCE-C1	Misty	Calm	20:00	8.0	Surface	1.0	1	18.4	8.2	31.3	7.4	95.4	1.5	4.0	7.4	3.1	3.6
									2	18.4	8.2	31.4	7.4	95.2	1.5	4.2			
							Middle	4.0	1	18.3	8.2	31.7	7.4	94.6	3.5	4.2			
									2	18.3	8.2	31.7	7.4	94.9	3.7	3.5			
							Bottom	7.0	1	18.2	8.2	31.8	7.5	96.4	4.4	2.8	7.5		
									2	18.2	8.2	31.8	7.5	96.6	4.3	3.1			
		TCE-C2	Misty	Calm	18:05	12.8	Surface	1.0	1	18.5	8.1	30.9	7.3	93.2	1.1	4.2	7.3	1.4	3.8
									2	18.5	8.1	30.9	7.3	93.2	1.1	4.5			
							Middle	6.4	1	18.5	8.1	30.9	7.3	93.3	1.3	3.4			
									2	18.5	8.1	30.9	7.3	93.3	1.3	4.0			
							Bottom	11.8	1	18.5	8.1	30.9	7.3	93.5	1.6	3.8	7.3		
									2	18.5	8.1	30.9	7.3	93.6	1.7	3.1			
		TCE-WQM1	Misty	Calm	19:20	8.2	Surface	1.0	1	18.6	8.2	31.3	7.3	94.5	1.8	2.7	7.4	2.8	2.6
									2	18.6	8.1	31.3	7.3	94.6	1.9	3.6			
							Middle	4.1	1	18.5	8.1	31.4	7.5	96.1	2.9	2.7			
									2	18.5	8.1	31.5	7.5	96.3	3.0	2.5			
							Bottom	7.2	1	18.2	8.1	31.7	7.6	96.7	3.7	1.9	7.6		
									2	18.1	8.1	31.8	7.6	96.7	3.7	2.1			
		TCE-WQM2a	Misty	Calm	18:48	7.0	Surface	1.0	1	18.7	8.1	31.4	7.1	91.6	1.5	2.7	7.1	2.4	3.1
									2	18.7	8.1	31.4	7.1	91.6	1.5	2.3			
							Middle	3.5	1	18.7	8.1	31.4	7.1	91.3	2.5	3.7			
									2	18.7	8.1	31.4	7.1	91.2	2.5	2.9			
							Bottom	6.0	1	18.7	8.1	31.4	7.0	90.7	3.2	3.0	7.0		
									2	18.7	8.1	31.3	7.1	91.1	3.1	4.1			
		TCE-WQM2b	Misty	Calm	18:36	10.4	Surface	1.0	1	18.6	8.1	31.0	7.2	92.3	1.1	2.8	7.2	1.1	3.5
									2	18.6	8.1	31.0	7.2	92.3	1.0	2.9			
							Middle	5.2	1	18.6	8.1	31.1	7.2	92.9	1.1	3.0			
									2	18.6	8.1	31.1	7.2	93.0	1.1	3.6			
							Bottom	9.4	1	18.5	8.1	31.1	7.3	93.5	1.2	4.0	7.3		
									2	18.5	8.1	31.1	7.3	93.5	1.2	4.9			
		TCE-WQM3A	Misty	Calm	18:59	4.0	Surface	1.0	1	18.7	8.1	31.2	7.2	93.5	1.2	4.3	7.3	1.5	3.7
									2	18.7	8.1	31.2	7.3	93.7	1.1	4.4			
							Bottom	3.0	1	18.7	8.1	31.2	7.3	94.7	1.8	3.5	7.4		
									2	18.7	8.1	31.2	7.4	95.0	1.9	2.6			
		TCE-WQM4	Misty	Calm	19:09	3.6	Surface	1.0	1	18.4	8.1	31.5	7.6	97.3	2.4	2.4	7.6	2.8	3.0
									2	18.3	8.1	31.6	7.6	97.3	2.5	2.2			
							Bottom	2.6	1	18.0	8.1	31.8	7.6	97.0	3.1	4.2	7.6		
									2	17.8	8.1	31.9	7.6	96.7	3.1	3.1			

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-28	Mid-Ebb	TCE-C1	Fine	Rough	10:57	8.3	Surface	1.0	1	19.3	8.1	32.1	8.2	107.2	3.4	3.0	8.1	4.1	3.9
									2	19.3	8.1	32.1	8.2	107.1	3.4	3.2			
							Middle	4.2	1	19.2	8.1	32.1	8.1	106.3	3.6	3.2			
									2	19.2	8.1	32.1	8.1	106.3	3.5	4.0			
							Bottom	7.3	1	19.1	8.1	32.6	7.9	103.1	5.3	4.7	7.9		
									2	19.1	8.1	32.6	7.9	103.1	5.3	5.5			
		TCE-C2	Fine	Rough	8:44	13.5	Surface	1.0	1	19.4	8.0	32.6	7.3	96.5	2.2	1.8	7.2	2.3	1.6
									2	19.4	8.0	32.6	7.3	96.4	2.2	2.0			
							Middle	6.8	1	19.3	8.0	33.0	7.1	93.3	2.3	1.6			
									2	19.3	8.0	33.0	7.1	93.3	2.3	1.4			
							Bottom	12.5	1	19.3	7.9	33.0	7.1	93.4	2.2	1.6	7.1		
									2	19.3	7.9	33.0	7.1	93.4	2.2	1.2			
		TCE-WQM1	Fine	Moderate	9:58	8.2	Surface	1.0	1	19.6	8.1	32.2	7.9	104.3	3.2	2.2	7.9	3.4	2.8
									2	19.6	8.1	32.2	7.9	104.3	3.2	2.8			
							Middle	4.1	1	19.6	8.1	32.1	7.9	104.2	3.1	2.9			
									2	19.6	8.1	32.1	7.9	104.2	3.1	2.8			
							Bottom	7.2	1	19.6	8.1	32.1	7.9	104.2	3.9	2.5	7.9		
									2	19.6	8.1	32.2	7.9	104.2	4.0	3.4			
		TCE-WQM2a	Fine	Moderate	9:23	7.2	Surface	1.0	1	19.4	8.1	32.1	7.7	101.7	2.3	1.4	7.7	3.5	1.6
									2	19.4	8.1	32.1	7.7	101.7	2.3	1.4			
							Middle	3.6	1	19.4	8.1	32.1	7.7	101.3	2.4	1.7			
									2	19.4	8.1	32.1	7.7	101.2	2.4	1.5			
							Bottom	6.2	1	19.4	8.1	32.2	7.6	100.3	5.7	1.6	7.6		
									2	19.4	8.1	32.2	7.6	100.3	5.7	1.8			
		TCE-WQM2b	Fine	Rough	9:11	9.8	Surface	1.0	1	19.4	8.1	32.2	7.7	101.2	2.3	1.7	7.5	2.6	1.2
									2	19.4	8.1	32.2	7.7	101.2	2.3	1.3			
							Middle	4.9	1	19.4	8.0	32.6	7.4	96.8	2.6	0.9			
									2	19.4	8.0	32.6	7.3	96.7	2.7	1.2			
							Bottom	8.8	1	19.4	8.1	32.7	7.4	97.4	2.8	0.7	7.4		
									2	19.4	8.1	32.7	7.4	97.7	2.8	1.2			
		TCE-WQM3A	Fine	Moderate	9:35	4.1	Surface	1.0	1	19.5	8.1	32.1	7.5	98.7	3.2	3.8	7.5	4.6	3.6
									2	19.5	8.1	32.1	7.5	98.8	3.2	3.8			
							Bottom	3.1	1	19.5	8.1	32.1	7.7	101.0	6.1	2.9	7.7		
									2	19.5	8.1	32.1	7.7	101.2	6.1	3.9			
		TCE-WQM4	Fine	Moderate	9:45	3.7	Surface	1.0	1	19.7	8.1	32.1	7.8	103.1	4.1	3.3	7.8	4.0	3.8
									2	19.6	8.1	32.1	7.8	103.1	4.1	4.2			
							Bottom	2.7	1	19.6	8.1	32.1	7.8	103.0	4.0	3.8	7.8		
									2	19.6	8.1	32.1	7.8	103.1	4.0	3.7			
2022-01-28	Mid-Flood	TCE-C1	Cloudy	Rough	13:05	7.6	Surface	1.0	1	19.3	8.2	31.9	8.3	108.9	3.1	2.1	8.1	4.2	1.8
									2	19.3	8.2	31.9	8.3	108.9	3.1	2.7			
							Middle	3.8	1	19.1	8.2	32.5	7.9	104.1	3.8	1.3			
									2	19.1	8.2	32.5	7.9	104.1	3.8	1.8			
							Bottom	6.6	1	18.9	8.2	32.9	7.9	102.7	5.6	1.4	7.9		
									2	18.9	8.2	32.9	7.9	102.8	5.6	1.6			
		TCE-C2	Cloudy	Rough	15:16	16.1	Surface	1.0	1	19.4	8.0	32.7	7.4	96.9	2.1	1.8	7.2	3.1	2.7
									2	19.4	8.0	32.7	7.4	96.9	2.1	1.1			
							Middle	8.1	1	19.3	8.0	32.9	7.0	92.0	3.1	2.0			
									2	19.3	8.0	32.9	7.0	92.0	3.1	1.7			
							Bottom	15.1	1	19.3	8.0	33.0	7.0	92.2	4.1	5.1	7.0		
									2	19.3	8.0	33.0	7.0	92.2	4.1	4.2			
		TCE-WQM1	Cloudy	Moderate	13:51	10.2	Surface	1.0	1	19.7	8.1	32.1	8.1	106.8	4.0	3.8	8.1	4.2	3.3
									2	19.7	8.1	32.1	8.1	106.8	4.0	4.2			
							Middle	5.1	1	19.7	8.1	32.1	8.1	106.5	3.7	3.5			
									2	19.7	8.1	32.1	8.1	106.5	3.7	2.6			
							Bottom	9.2	1	19.7	8.1	32.1	8.0	105.8	4.9	3.0	8.0		
									2	19.7	8.1	32.1	8.0	105.8	5.0	2.7			
		TCE-WQM2a	Cloudy	Rough	14:30	8.2	Surface	1.0	1	19.5	8.1	32.2	7.7	101.9	2.3	1.2	7.7	3.0	1.7
									2	19.5	8.1	32.2	7.7	101.9	2.3	1.3			
							Middle	4.1	1	19.5	8.0	32.2	7.7	101.5	2.9	1.1			
									2	19.5	8.0	32.2	7.7	101.5	2.9	1.8			
							Bottom	7.2	1	19.5	8.0	32.2	7.7	101.3	3.6	2.2	7.7		
									2	19.5	8.0	32.2	7.7	101.3	3.6	2.3			
		TCE-WQM2b	Cloudy	Rough	14:44	12.6	Surface	1.0	1	19.5	8.1	32.2	8.0	104.8	2.4	1.6	7.9	2.4	1.6
									2	19.5	8.1	32.2	8.0	104.7	2.4	1.4			
							Middle	6.3	1	19.5	8.1	32.3	7.9	103.7	2.4	1.6			
									2	19.5	8.1	32.3	7.9	103.7	2.3	1.3			
							Bottom	11.6	1	19.5	8.0	32.4	7.6	99.7	2.6	1.7	7.6		
									2	19.5	8.0	32.4	7.6	99.8	2.6	2.1			
		TCE-WQM3A	Cloudy	Moderate	14:19	4.7	Surface	1.0	1	19.6	8.1	32.1	7.7	101.6	3.9	4.3	7.7	3.7	4.1
									2	19.6	8.1	32.2	7.7	101.6	3.8	3.5			
							Bottom	3.7	1	19.6	8.1	32.2	7.7	101.7	3.7	4.2	7.7		
									2	19.6	8.1	32.2	7.7	101.8	3.6	4.2			
		TCE-WQM4	Cloudy	Moderate	14:06	4.2	Surface	1.0	1	19.7	8.1	32.2	7.9	104.0	4.0	4.4	7.9	4.0	4.4
									2	19.7	8.1	32.2	7.9	103.9	4.0	4.9			
							Bottom	3.2	1	19.6	8.1	32.1	7.9	103.9	4.0	4.2	7.9		
									2	19.7	8.1	32.1	7.9	103.9	4.0	3.9			

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)	Depth-averaged Turbidity (NTU)	Depth-averaged SS (mg/L)
2022-01-31	Mid-Ebb	TCE-C1	Cloudy	Rough	11:05	8.1	Surface	1.0	1	18.2	8.2	31.9	8.3	105.4	3.8	5.4			
									2	18.2	8.2	31.8	8.3	105.5	3.7	5.1	8.2		
							Middle	4.1	1	18.2	8.2	31.9	8.2	104.9	4.3	4.9			
									2	18.2	8.2	31.8	8.2	104.9	4.4	4.5		4.1	4.7
							Bottom	7.1	1	18.2	8.2	31.9	8.2	104.9	4.3	4.1			
									2	18.2	8.2	31.9	8.2	104.9	4.3	4.3	8.2		
		TCE-C2	Cloudy	Rough	12:56	14.5	Surface	1.0	1	18.6	8.1	32.4	7.7	100.5	2.6	4.4			
									2	18.6	8.1	32.4	7.7	100.4	2.6	4.7	7.6		
							Middle	7.3	1	18.8	8.1	33.0	7.4	96.1	2.6	4.0			
									2	18.8	8.1	33.0	7.4	96.2	2.6	3.8		2.8	3.9
							Bottom	13.5	1	18.7	8.1	33.0	7.4	96.3	3.2	3.1			
									2	18.7	8.1	33.1	7.4	96.3	3.2	3.4	7.4		
		TCE-WQM1	Cloudy	Rough	11:45	9.5	Surface	1.0	1	18.6	8.1	31.7	8.0	103.4	3.5	3.4			
									2	18.6	8.1	31.7	8.0	103.4	3.5	3.5	8.0		
							Middle	4.8	1	18.6	8.1	31.7	8.0	103.5	2.6	3.9			
									2	18.6	8.1	31.8	8.0	103.5	2.7	4.2		3.2	4.2
							Bottom	8.5	1	18.6	8.1	31.7	8.0	103.7	3.5	5.0			
									2	18.6	8.1	31.7	8.0	103.7	3.5	5.3	8.0		
		TCE-WQM2a	Cloudy	Rough	12:20	8.2	Surface	1.0	1	18.6	8.1	31.8	8.0	103.0	3.2	4.4			
									2	18.6	8.1	31.8	8.0	103.0	3.2	4.7	8.0		
							Middle	4.1	1	18.6	8.1	31.9	7.9	102.7	3.6	4.2			
									2	18.6	8.1	31.9	7.9	102.6	3.6	4.1		4.2	4.2
							Bottom	7.2	1	18.8	8.1	32.7	7.5	97.5	5.9	3.9			
									2	18.8	8.1	32.7	7.5	97.5	6.0	3.6	7.5		
		TCE-WQM2b	Cloudy	Rough	12:32	12.3	Surface	1.0	1	18.6	8.1	32.0	7.9	101.8	2.6	4.8			
									2	18.6	8.1	32.0	7.9	101.7	2.6	4.6	7.7		
							Middle	6.2	1	18.9	8.1	32.4	7.6	98.4	3.4	4.4			
									2	18.9	8.1	32.4	7.6	98.4	3.4	4.0		3.5	4.0
							Bottom	11.3	1	18.9	8.1	32.9	7.3	95.8	4.6	2.9			
									2	18.9	8.1	32.9	7.3	95.9	4.7	3.2	7.3		
		TCE-WQM3A	Cloudy	Moderate	12:09	4.6	Surface	1.0	1	18.6	8.1	31.8	7.9	101.6	8.4	13.6			
									2	18.6	8.1	31.8	7.9	101.7	8.5	13.7	7.9	8.7	12.9
							Bottom	3.6	1	18.5	8.1	31.8	7.9	102.2	8.9	12.2			
									2	18.5	8.1	31.9	7.9	102.3	8.9	12.2	7.9		
		TCE-WQM4	Cloudy	Moderate	11:57	4.3	Surface	1.0	1	18.5	8.1	31.8	8.1	104.7	3.6	4.4			
									2	18.5	8.1	31.8	8.1	104.8	3.6	4.2	8.1	3.5	4.9
							Bottom	3.3	1	18.5	8.1	31.8	8.2	106.1	3.5	5.6			
									2	18.5	8.1	31.8	8.2	106.3	3.5	5.4	8.2		
2022-01-31	Mid-Flood	TCE-C1	Cloudy	Rough	8:52	7.1	Surface	1.0	1	18.2	8.2	31.8	8.2	105.3	6.4	2.9			
									2	18.2	8.2	31.9	8.2	105.4	6.4	2.7	8.2		
							Middle	3.6	1	18.2	8.2	31.9	8.2	105.5	8.0	4.6			
									2	18.2	8.2	31.9	8.2	105.5	8.0	5.0		7.8	4.5
							Bottom	6.1	1	18.2	8.2	31.9	8.3	105.6	8.9	5.8			
									2	18.2	8.2	31.9	8.3	105.8	9.0	6.1	8.3		
		TCE-C2	Cloudy	Rough	7:01	11.9	Surface	1.0	1	18.8	8.0	32.5	7.4	96.9	3.0	3.6			
									2	18.8	8.0	32.5	7.4	96.8	3.1	3.8	7.4		
							Middle	6.0	1	18.9	8.0	32.6	7.3	95.9	3.5	3.7			
									2	18.9	8.0	32.6	7.3	95.8	3.6	3.6		4.5	4.2
							Bottom	10.9	1	18.9	7.9	32.7	7.3	95.2	6.7	5.4			
									2	18.9	7.9	32.7	7.3	95.2	6.8	5.0	7.3		
		TCE-WQM1	Cloudy	Calm	8:11	8.1	Surface	1.0	1	18.6	8.1	31.9	8.0	103.2	3.4	8.1			
									2	18.6	8.1	31.9	8.0	103.2	3.4	8.0	8.0		
							Middle	4.1	1	18.6	8.1	31.9	8.0	103.4	4.2	6.5			
									2	18.6	8.1	31.9	8.0	103.4	4.2	6.8		4.9	5.9
							Bottom	7.1	1	18.6	8.1	31.9	8.1	104.3	7.1	3.2			
									2	18.6	8.1	31.9	8.1	104.4	7.2	2.8	8.1		
		TCE-WQM2a	Cloudy	Rough	7:36	7.6	Surface	1.0	1	18.7	8.1	31.8	7.9	102.3	3.4	5.2			
									2	18.7	8.1	31.8	7.9	102.3	3.4	5.6	7.9		
							Middle	3.8	1	18.7	8.1	31.8	7.9	102.4	3.6	3.9			
									2	18.7	8.1	31.7	7.9	102.4	3.6	4.2		3.6	4.3
							Bottom	6.6	1	18.6	8.1	31.8	7.9	102.6	3.8	3.4			
									2	18.6	8.1	31.8	7.9	102.6	3.8	3.6	7.9		
		TCE-WQM2b	Cloudy	Rough	7:24	11.2	Surface	1.0	1	18.8	8.1	32.0	7.8	101.2	4.1	6.2			
									2	18.8	8.1	32.0	7.8	101.2	4.1	6.2	7.8		
							Middle	5.6	1	18.8	8.1	32.1	7.8	101.2	5.7	5.9			
									2	18.8	8.1	32.1	7.8	101.3	5.7	5.6		5.6	5.6
							Bottom	10.2	1	18.8	8.1	32.1	7.8	101.8	7.1	4.8			
									2	18.8	8.1	32.1	7.9	102.0	7.1	4.6	7.8		
		TCE-WQM3A	Cloudy	Moderate	7:50	4.2	Surface	1.0	1	18.6	8.1	31.8	7.9	102.1	4.4	5.0			
									2	18.6	8.1	31.8	7.9	102.2	4.5	5.4	7.9	4.7	6.1
							Bottom	3.2	1	18.6	8.1	31.8	8.0	102.9	4.9	6.9			
									2	18.6	8.1	31.8	8.0	103.0	4.9	7.1	8.0		
		TCE-WQM4	Cloudy	Calm	7:59	3.8	Surface	1.0	1	18.6	8.1	31.8	8.0	102.8	2.6	6.8			
									2	18.6	8.1	31.9	8.0	102.8	2.6	6.5	8.0	2.8	5.9
							Bottom	2.8	1	18.6	8.1	31.8	8.1	104.2	3.1	5.2			
									2	18.6	8.1	31.8	8.1	104.3	3.1	4.9	8.1		