

Figure 1: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 March 2020

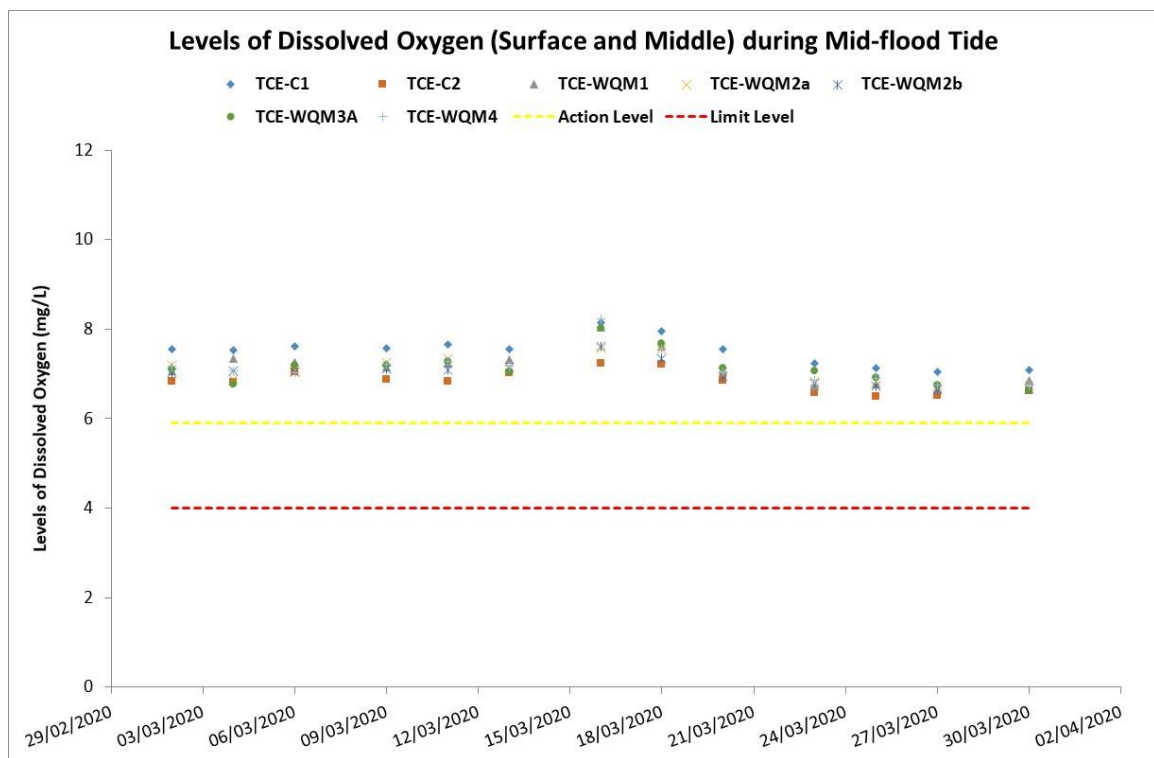


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 March 2020

Source: P:\Projects\0445700 CEDD ET for Tung Chung, JT\02_Deliverable\10 Monthly EM&A Report\
 Date: March 2020

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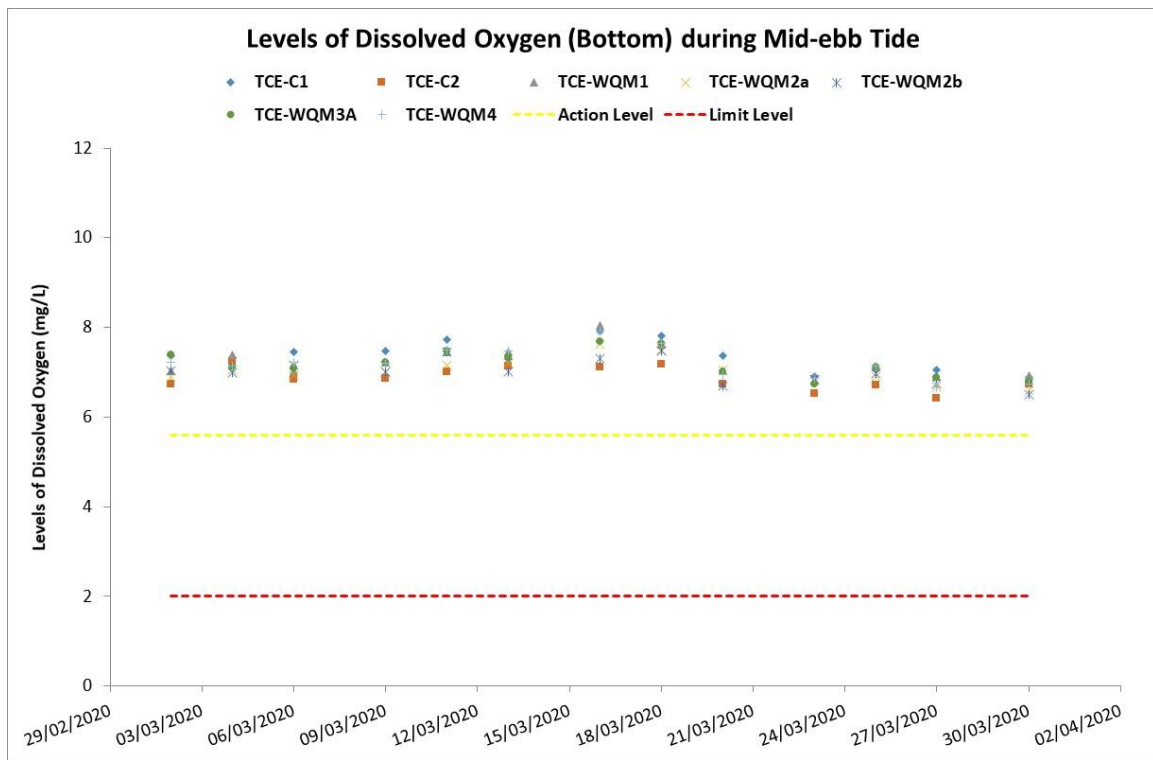


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 March 2020

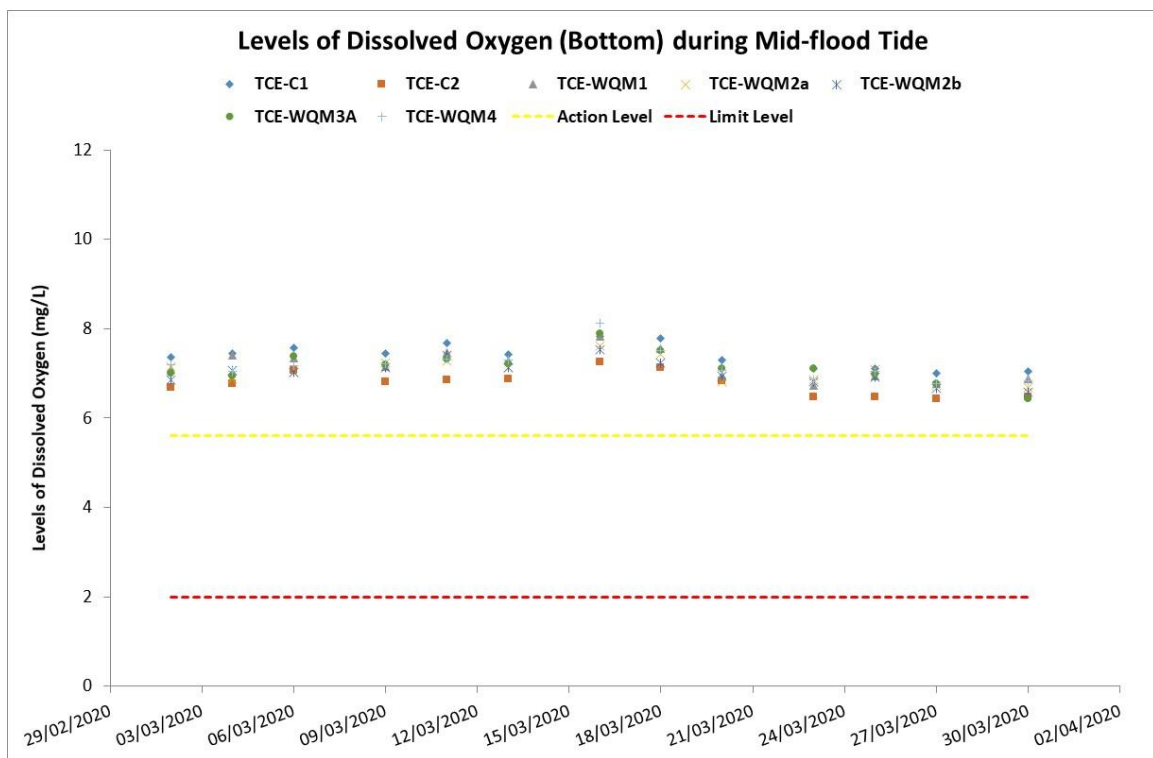


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 March 2020

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02_Deliverable\10 Monthly EM&A Report\
 Date: March 2020

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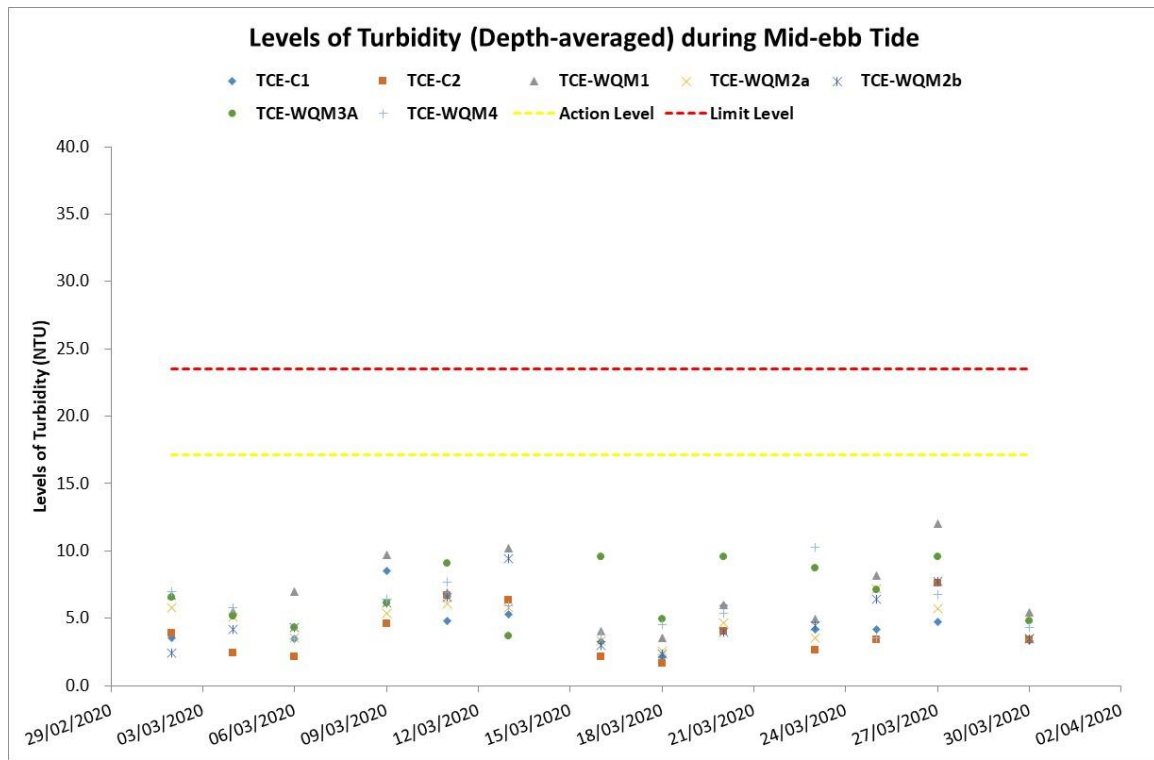


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 March 2020

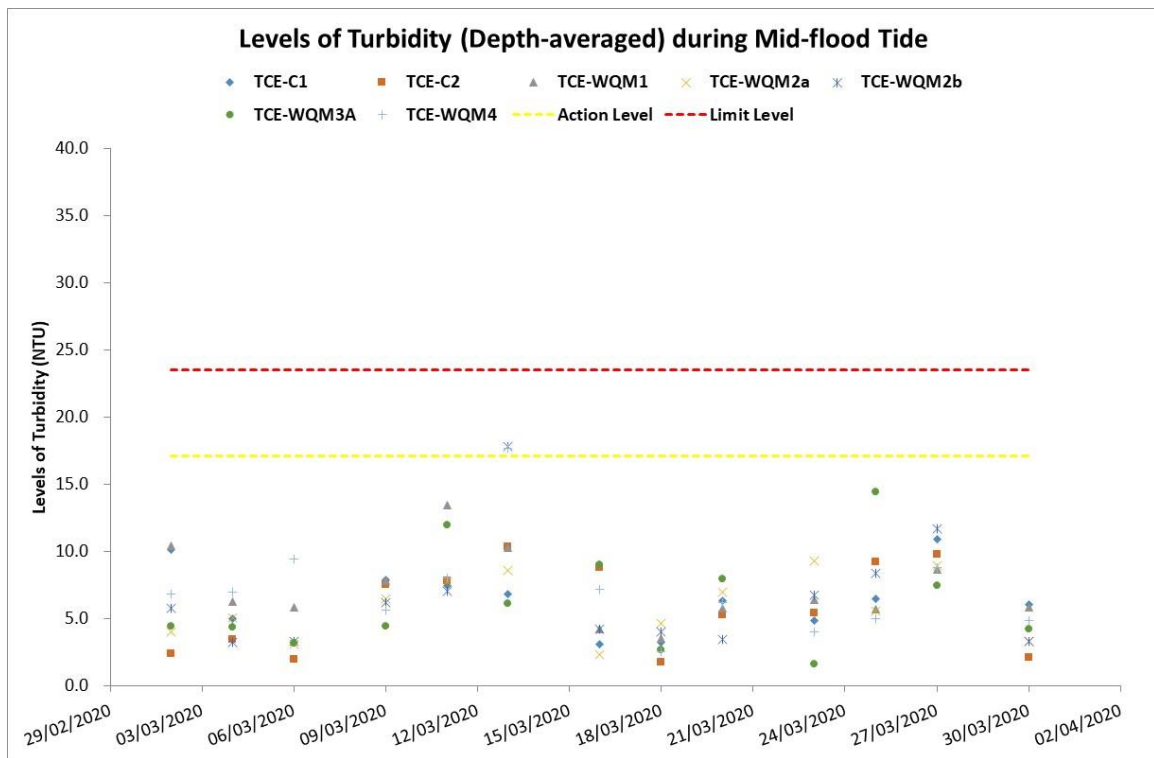


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 March 2020

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

Date: March 2020

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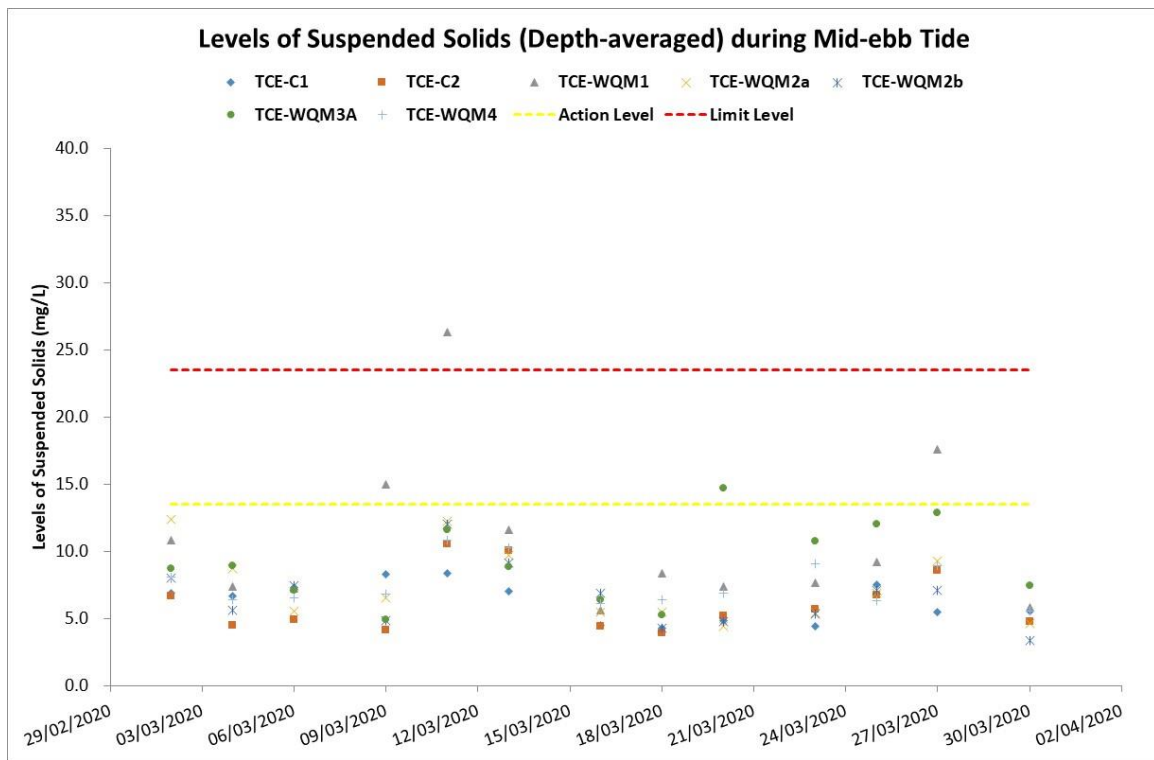


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 March 2020

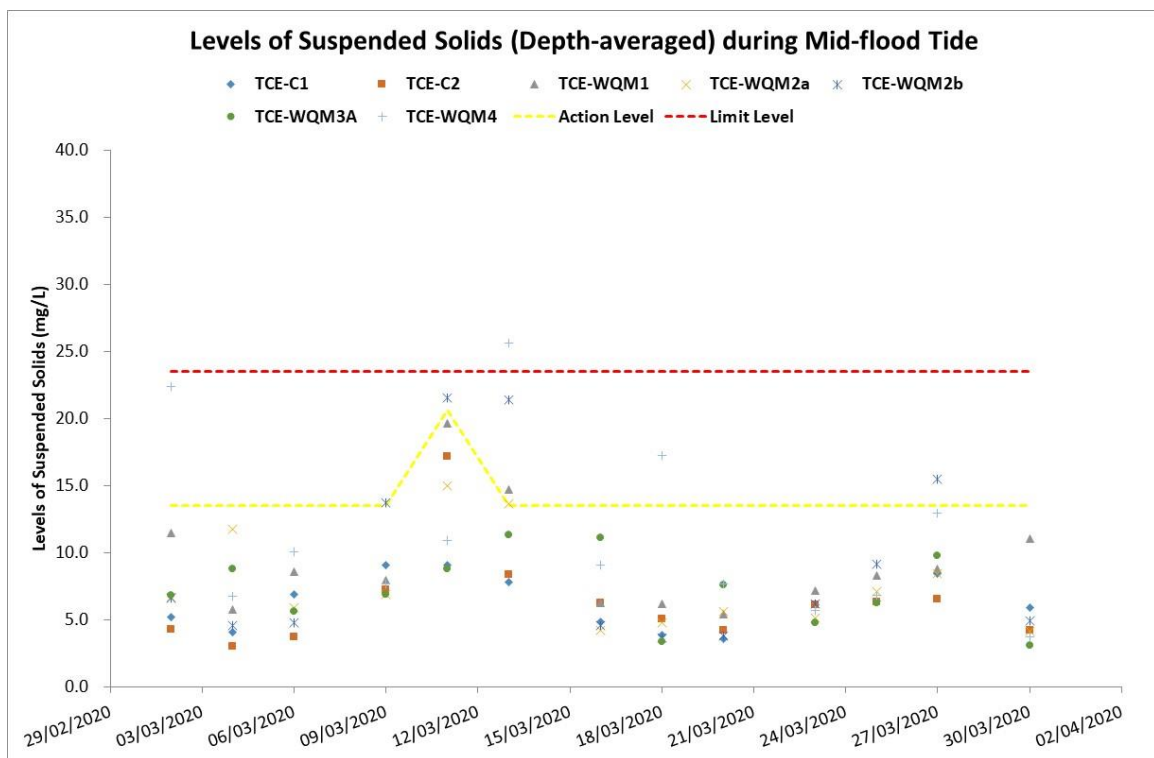


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 March 2020

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02_Deliverable\10 Monthly EM&A Report\
 Date: March 2020

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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)			
04-03-20	Mid-Ebb	TCE-C1	Cloudy	Rough	19:05	7.8	Surface	1.0	1	19.9	8.4	32.9	7.6	100.9	2.8	5.3	7.5	5.2	6.7			
									2	19.9	8.4	32.9	7.6	100.8	2.8	4.8						
							Middle	3.9	1	19.8	8.4	33.2	7.4	98.2	5.1	6.4						
								2	19.8	8.4	33.2	7.4	98.0	5.5	6.8							
							Bottom	6.8	1	19.8	8.4	33.4	7.3	97.7	7.4	8.1						
								2	19.8	8.4	33.5	7.3	97.8	7.6	8.7							
		TCE-C2	Cloudy	Moderate	20:58	13.0	Surface	1.0	1	20.0	8.3	31.4	7.1	94.1	2.1	3.3	7.1	2.4	4.5			
									2	20.0	8.3	31.4	7.1	93.9	2.2	3.7						
							Middle	6.5	1	20.0	8.3	31.7	7.1	93.7	2.6	4.6						
								2	20.0	8.3	31.8	7.1	93.7	2.6	4.8							
							Bottom	12.0	1	19.9	8.3	32.1	7.2	96.0	2.5	5.3						
								2	19.9	8.3	32.0	7.3	96.5	2.5	5.5							
		TCE-WQM1	Cloudy	Moderate	19:46	8.0	Surface	1.0	1	20.2	8.4	31.3	7.3	96.9	4.3	6.9	7.3	5.5	7.4			
									2	20.1	8.4	31.4	7.3	96.9	4.4	7.1						
							Middle	4.0	1	20.0	8.4	32.3	7.3	97.2	5.3	7.1						
								2	20.0	8.4	32.3	7.3	97.2	5.3	7.4							
							Bottom	7.0	1	19.9	8.4	32.7	7.4	98.4	6.9	8.1						
								2	19.9	8.4	32.7	7.4	98.5	6.8	7.8							
		TCE-WQM2a	Cloudy	Moderate	20:22	7.9	Surface	1.0	1	20.1	8.3	31.1	6.9	91.5	5.2	7.3	6.9	5.1	8.7			
									2	20.1	8.3	31.1	6.9	91.5	5.2	6.9						
							Middle	4.0	1	20.0	8.3	31.5	7.0	92.1	5.0	9.3						
								2	20.0	8.3	31.5	7.0	92.2	4.9	9.0							
							Bottom	6.9	1	20.0	8.3	31.7	7.1	93.5	5.2	9.8						
								2	20.0	8.3	31.7	7.1	93.7	5.2	10.1							
		TCE-WQM2b	Cloudy	Moderate	20:35	11.4	Surface	1.0	1	20.2	8.3	30.5	7.1	93.4	3.0	4.7	7.0	4.2	5.6			
									2	20.2	8.3	30.5	7.1	93.4	3.0	4.5						
							Middle	5.7	1	20.2	8.3	30.6	7.0	92.8	3.4	5.6						
								2	20.2	8.3	30.6	7.0	92.7	3.5	5.9							
							Bottom	10.4	1	20.0	8.3	31.8	7.0	92.4	6.0	6.6						
								2	19.9	8.3	31.9	7.0	92.8	6.0	6.4							
		TCE-WQM3A	Cloudy	Calm	20:10	4.0	Surface	1.0	1	20.2	8.3	30.8	6.8	89.8	5.4	8.2	6.8	5.2	8.9			
									2	20.2	8.3	30.8	6.8	89.9	5.4	8.4						
							Bottom	3.0	1	20.2	8.3	30.9	7.1	93.9	4.9	9.6						
								2	20.2	8.3	30.9	7.1	94.2	5.0	9.5							
							Surface	1.0	1	20.3	8.4	30.7	7.1	93.9	5.1	5.3						
								2	20.3	8.4	30.7	7.1	93.9	5.3	5.5							
		TCE-WQM4	Cloudy	Moderate	20:00	3.6	Surface	1.0	1	20.3	8.3	30.8	7.1	94.5	6.5	7.4	7.1	5.8	6.4			
									2	20.3	8.3	30.8	7.1	94.5	6.4	7.3						
							Bottom	2.6	1	20.3	8.3	30.9	7.1	94.7	6.4	7.3						
								2	20.3	8.3	30.9	7.1	94.7	6.4	7.3							
							Surface	1.0	1	19.9	8.4	32.9	7.6	100.7	3.1	2.8				7.5	5.0	4.1
									2	19.9	8.4	32.9	7.6	100.6	3.2	2.9						
		Middle	4.0	1	19.9	8.4	33.0	7.5	99.9	4.3	4.3											
			2	19.9	8.4	33.0	7.5	99.9	3.6	3.9												
		Bottom	7.0	1	19.8	8.4	33.4	7.4	99.2	7.9	5.2											
			2	19.8	8.4	33.4	7.5	99.4	8.1	5.6												
		TCE-C2	Cloudy	Moderate	7:07	12.8	Surface	1.0	1	19.9	8.2	32.4	6.9	91.8	1.9	3.8	6.8	3.5	3.1			
									2	19.9	8.2	32.4	6.9	91.5	1.9	3.7						
Middle	6.4						1	19.7	8.2	33.4	6.7	89.5	2.9	3.2								
	2						19.7	8.2	33.4	6.7	89.5	2.9	2.8									
Bottom	11.8						1	19.6	8.2	33.5	6.8	90.1	5.7	2.6								
	2						19.6	8.2	33.5	6.8	90.2	5.6	2.3									
TCE-WQM1	Cloudy	Calm	8:16	8.1	Surface	1.0	1	20.2	8.3	31.2	7.3	97.2	4.7	6.6	7.3	6.3	5.8					
							2	20.2	8.3	31.3	7.3	97.2	4.9	7.0								
					Middle	4.1	1	20.0	8.3	32.0	7.3	97.6	6.5	5.2								
						2	20.0	8.3	32.1	7.4	97.7	6.6	5.6									
					Bottom	7.1	1	19.9	8.3	32.4	7.4	98.3	7.5	5.3								
						2	19.9	8.3	32.4	7.4	98.4	7.5	4.9									
TCE-WQM2a	Cloudy	Moderate	7:44	7.8	Surface	1.0	1	20.1	8.3	31.3	6.9	91.5	6.6	12.6	6.9	5.0	11.8					
							2	20.1	8.3	31.3	6.9	91.5	6.6	12.4								
					Middle	3.9	1	19.9	8.3	32.0	6.8	90.6	2.9	11.6								
						2	19.9	8.3	32.1	6.8	90.5	3.2	11.4									
					Bottom	6.8	1	19.8	8.3	32.8	6.9	91.1	5.5	11.3								
						2	19.8	8.3	32.8	6.9	91.3	5.5	11.3									
TCE-WQM2b	Cloudy	Moderate	7:33	11.2	Surface	1.0	1	20.3	8.3	30.7	7.2	95.3	2.7	4.0	7.1	3.3	4.6					
							2	20.2	8.3	30.7	7.2	95.4	2.7	3.7								
					Middle	5.6	1	19.9	8.3	32.4	6.9	91.7	3.4	4.6								
						2	19.8	8.3	32.5	6.9	91.9	3.4	4.8									
					Bottom	10.2	1	19.8	8.3	32.6	7.0	93.5	3.7	5.2								
						2	19.8	8.3	32.6	7.1	93.8	3.7	5.0									
TCE-WQM3A	Cloudy	Calm	7:55	4.1	Surface	1.0	1	20.2	8.3	31.0	6.8	89.5	4.7	8.3	6.8	4.4	8.8					
							2	20.2	8.3	31.0	6.8	89.5	4.7	7.8								
					Bottom	3.1	1	20.2	8.3	31.0	6.9	91.8	4.0	9.7								
						2	20.2	8.3	31.0	7.0	92.0	4.0	9.4									
					Surface	1.0	1	20.3	8.3	30.8	7.1	93.8	5.6	5.8				7.1	7.0	6.8		
							2	20.3	8.3	30.8	7.1	93.8	6.0	5.3								
Bottom	2.8	1	20.3	8.3	30.8	7.0	93.3	8.0	8.1													
	2	20.3	8.3	30.8	7.0	93.3	8.2	7.9														

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)		
06-03-20	Mid-Ebb	TCE-C1	Sunny	Rough	12:06	8.1	Surface	1.0	1	19.8	8.2	33.9	7.7	102.5	3.1	8.4	7.6	3.5	7.3		
									2	19.8	8.2	33.9	7.7	102.4	3.2	8.6					
							Middle	4.1	1	19.6	8.2	34.0	7.5	99.6	3.4	7.7					
									2	19.6	8.2	34.0	7.5	99.7	3.4	7.8					
							Bottom	7.1	1	19.5	8.2	34.0	7.4	99.0	3.8	5.9					
									2	19.5	8.2	34.0	7.5	99.1	3.8	5.4					
		TCE-C2	Sunny	Rough	9:43	14.7	Surface	1.0	1	19.6	7.9	33.2	6.9	91.8	2.1	3.8	6.8	2.1	4.9		
									2	19.6	7.9	33.2	6.9	91.8	2.1	4.2					
							Middle	7.4	1	19.6	8.0	33.4	6.8	90.0	1.7	5.0					
									2	19.6	8.0	33.4	6.8	90.0	1.6	4.8					
							Bottom	13.7	1	19.6	8.0	33.4	6.8	90.9	2.6	5.6					
									2	19.6	8.0	33.4	6.8	90.8	2.6	6.0					
		TCE-WQM1	Sunny	Rough	11:00	9.0	Surface	1.0	1	19.9	8.0	31.7	7.1	93.9	4.7	6.2	7.1	7.0	7.3		
									2	19.9	8.0	31.7	7.1	93.9	4.7	5.9					
							Middle	4.5	1	19.9	8.0	31.9	7.1	93.6	7.4	6.9					
									2	19.9	8.0	31.9	7.1	93.6	7.4	6.6					
							Bottom	8.0	1	19.8	8.1	32.5	7.1	93.5	8.9	8.9					
									2	19.8	8.1	32.5	7.0	93.2	8.9	9.1					
		TCE-WQM2a	Sunny	Rough	10:23	7.4	Surface	1.0	1	19.7	8.0	32.3	7.0	92.8	3.0	4.1	6.9	3.6	5.6		
									2	19.7	8.0	32.3	7.0	92.8	3.0	4.7					
							Middle	3.7	1	19.7	8.0	32.4	6.9	90.7	3.4	5.4					
									2	19.7	8.0	32.4	6.9	90.7	3.5	5.9					
							Bottom	6.4	1	19.7	8.0	32.7	6.9	91.9	4.2	6.8					
									2	19.7	8.0	32.7	6.9	92.0	4.2	6.6					
		TCE-WQM2b	Sunny	Rough	10:09	7.2	Surface	1.0	1	19.7	7.9	32.6	7.0	92.2	4.5	7.0	7.0	4.3	7.5		
									2	19.7	7.9	32.6	7.0	92.2	4.6	6.8					
							Middle	3.6	1	19.7	7.9	32.7	7.0	92.1	4.3	7.4					
									2	19.7	7.9	32.7	7.0	92.1	4.3	7.2					
							Bottom	6.2	1	19.7	7.9	32.7	7.2	94.8	4.0	8.1					
									2	19.7	7.9	32.7	7.2	95.0	4.0	8.3					
		TCE-WQM3A	Sunny	Rough	10:35	4.0	Surface	1.0	1	19.6	8.0	32.1	7.0	92.0	4.9	7.3	7.0	4.3	7.1		
									2	19.6	8.0	32.1	7.0	92.1	4.9	7.5					
							Bottom	3.0	1	19.6	8.0	32.1	7.1	93.6	3.7	6.8					
									2	19.6	8.0	32.1	7.1	93.6	3.7	6.9					
							Surface	1.0	1	19.6	8.0	31.7	7.2	94.2	3.5	7.3					
									2	19.6	8.0	31.7	7.2	94.2	3.5	6.9					
		TCE-WQM4	Sunny	Rough	10:46	4.5	Surface	1.0	1	19.6	8.0	31.8	7.2	95.0	3.4	5.8	7.2	3.5	6.6		
									2	19.6	8.0	31.8	7.2	95.0	3.4	5.8					
							Bottom	3.5	1	19.6	8.0	31.8	7.2	95.0	3.4	5.8					
									2	19.6	8.0	31.8	7.2	95.1	3.4	5.8					
							Surface	1.0	1	19.8	8.1	33.9	7.7	103.0	2.8	6.7					
									2	19.8	8.1	33.9	7.7	103.0	2.9	6.7					
		06-03-20	Mid-Flood	TCE-C1	Fine	Rough	13:57	7.6	Surface	1.0	1	19.8	8.1	33.9	7.7	103.0	2.8	6.7	7.6	3.2	6.9
											2	19.8	8.1	33.9	7.7	103.0	2.9	6.7			
									Middle	3.8	1	19.6	8.2	33.9	7.6	100.8	3.2	7.1			
											2	19.6	8.2	33.9	7.6	100.8	3.2	6.6			
									Bottom	6.6	1	19.5	8.2	34.0	7.6	100.9	3.6	7.4			
											2	19.5	8.2	34.0	7.6	100.8	3.6	7.0			
TCE-C2	Fine			Rough	15:54	15.1	Surface	1.0	1	19.9	8.1	33.2	7.1	94.4	0.8	3.4	7.0	2.0	3.8		
									2	19.9	8.1	33.2	7.1	94.4	0.9	3.3					
							Middle	7.6	1	19.7	8.1	33.3	7.0	93.1	1.6	3.7					
									2	19.7	8.1	33.3	7.0	93.2	1.6	3.8					
							Bottom	14.1	1	19.8	8.2	33.4	7.1	94.2	3.4	4.3					
									2	19.8	8.2	33.4	7.1	94.2	3.4	4.0					
TCE-WQM1	Fine			Rough	14:39	9.6	Surface	1.0	1	20.1	8.1	31.7	7.3	97.1	9.2	7.9	7.2	5.9	8.6		
									2	20.1	8.1	31.7	7.3	97.1	9.1	7.7					
							Middle	4.8	1	20.1	8.2	31.8	7.2	95.5	4.0	8.2					
									2	20.1	8.2	31.8	7.2	95.5	4.0	8.7					
							Bottom	8.6	1	19.9	8.3	32.5	7.3	97.5	4.4	9.7					
									2	19.9	8.3	32.5	7.4	97.6	4.4	9.5					
TCE-WQM2a	Fine			Rough	15:14	8.1	Surface	1.0	1	19.8	8.0	32.5	7.1	94.1	2.4	5.5	7.0	3.1	5.9		
									2	19.8	8.0	32.5	7.1	94.1	2.4	5.4					
							Middle	4.1	1	19.7	8.1	32.5	7.0	92.5	3.4	6.0					
									2	19.7	8.1	32.5	7.0	92.5	3.4	6.2					
							Bottom	7.1	1	19.7	8.1	32.5	7.0	92.6	3.5	6.1					
									2	19.7	8.1	32.5	7.1	93.8	3.5	6.4					
TCE-WQM2b	Fine			Rough	15:26	11.2	Surface	1.0	1	20.1	8.0	32.5	7.1	94.3	2.0	4.4	7.0	3.3	4.8		
									2	20.1	8.0	32.5	7.1	94.3	2.1	4.7					
							Middle	5.6	1	19.9	8.1	32.7	7.0	93.3	3.2	4.6					
									2	19.9	8.1	32.7	7.0	93.3	3.2	5.0					
							Bottom	10.2	1	19.8	8.1	33.0	7.0	93.6	4.6	5.1					
									2	19.8	8.1	33.0	7.0	93.6	4.6	4.8					
TCE-WQM3A	Fine			Rough	15:03	3.4	Surface	1.0	1	19.8	8.1	32.1	7.2	95.1	3.0	5.2	7.2	3.2	5.6		
									2	19.8	8.1	32.1	7.2	95.1	3.0	4.9					
							Bottom	2.4	1	19.7	8.2	32.1	7.4	97.6	3.3	6.4					
									2	19.7	8.2	32.1	7.4	97.7	3.3	6.0					
							Surface	1.0	1	19.7	8.1	31.9	7.0	92.7	7.2	9.5					
									2	19.7	8.1	31.9	7.0	92.7	7.2	9.7					
TCE-WQM4	Fine			Rough	14:52	3.6	Surface	1.0	1	19.7	8.1	31.9	7.0	92.7	7.2	9.5	7.0	9.5	10.1		
									2	19.7	8.1	31.9	7.0	92.7	7.2	9.7					
							Bottom	2.6	1	19.7	8.1	31.9	7.2	94.7	11.7	10.7					
									2	19.7	8.1	31.9	7.2	94.8	11.7	10.3					

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)			
09-03-20	Mid-Ebb	TCE-C1	Fine	Rough	11:24	8.4	Surface	1.0	1	20.4	8.1	31.2	7.7	102.5	5.7	6.7	7.6	8.5	8.3			
									2	20.4	8.1	31.2	7.7	102.4	5.8	7.1						
							Middle	4.2	1	20.1	8.1	31.8	7.6	100.7	7.6	8.5						
								2	20.1	8.1	31.8	7.6	100.7	7.8	8.1							
							Bottom	7.4	1	19.8	8.1	33.1	7.5	99.3	12.0	9.8						
								2	19.8	8.1	33.0	7.5	99.4	12.0	9.5							
		TCE-C2	Fine	Rough	13:13	14.7	Surface	1.0	1	20.5	8.1	31.7	7.2	96.9	3.3	3.8	7.0	4.6	4.2			
									2	20.5	8.1	31.8	7.2	96.8	3.4	3.9						
							Middle	7.4	1	20.0	8.1	32.5	6.8	91.0	4.4	4.1						
								2	20.0	8.1	32.5	6.8	91.0	4.4	4.2							
							Bottom	13.7	1	20.0	8.1	32.6	6.9	91.4	6.0	4.4						
								2	20.0	8.1	32.6	6.9	91.5	6.2	4.6							
		TCE-WQM1	Fine	Rough	12:05	9.9	Surface	1.0	1	20.7	8.1	31.4	7.3	97.4	6.6	13.2	7.3	9.7	15.0			
									2	20.7	8.1	31.4	7.3	97.4	6.5	13.8						
							Middle	5.0	1	20.6	8.1	31.5	7.3	97.2	9.8	14.0						
								2	20.6	8.1	31.5	7.3	97.2	9.8	14.5							
							Bottom	8.9	1	20.7	8.2	31.4	7.2	96.7	12.8	17.4						
								2	20.7	8.2	31.4	7.2	96.6	12.8	17.0							
		TCE-WQM2a	Fine	Rough	12:39	7.8	Surface	1.0	1	20.6	8.1	31.4	7.2	96.8	4.2	5.6	7.2	5.4	6.6			
									2	20.6	8.1	31.4	7.2	96.8	4.2	5.9						
							Middle	3.9	1	20.5	8.1	31.5	7.1	95.5	4.4	6.8						
								2	20.5	8.1	31.5	7.1	95.5	4.4	6.7							
							Bottom	6.8	1	20.4	8.1	31.7	7.0	93.5	7.4	7.0						
								2	20.4	8.1	31.7	7.0	93.4	7.6	7.3							
		TCE-WQM2b	Fine	Rough	12:50	11.3	Surface	1.0	1	20.8	8.1	31.2	7.3	98.2	3.6	3.2	7.1	6.2	4.9			
									2	20.8	8.1	31.2	7.3	98.2	3.6	3.5						
							Middle	5.7	1	20.2	8.1	32.2	6.9	92.4	6.0	4.5						
								2	20.2	8.1	32.3	6.9	92.4	6.3	4.9							
							Bottom	10.3	1	20.1	8.1	32.6	7.0	93.5	8.7	6.7						
								2	20.1	8.1	32.6	7.0	93.6	8.8	6.5							
		TCE-WQM3A	Fine	Rough	12:28	4.6	Surface	1.0	1	20.8	8.1	31.2	7.5	101.1	3.1	4.4	7.5	6.1	5.0			
									2	20.8	8.1	31.2	7.5	101.0	3.1	4.7						
							Bottom	3.6	1	20.6	8.1	31.5	7.2	96.7	9.1	5.2						
								2	20.6	8.1	31.5	7.2	96.7	9.1	5.5							
							Surface	1.0	1	20.8	8.1	31.7	7.2	96.8	4.7	6.7				7.2	6.4	6.8
									2	20.8	8.1	31.7	7.2	96.8	4.8	6.4						
		Middle	3.2	1	20.7	8.1	31.8	7.2	96.5	8.2	7.0											
			2	20.7	8.1	31.8	7.2	96.5	8.1	7.2												
		Bottom	10.3	1	20.1	8.1	32.6	7.0	93.5	8.7	6.7											
			2	20.1	8.1	32.6	7.0	93.6	8.8	6.5												
		09-03-20	Mid-Flood	TCE-C1	Rainy	Rough	7:32	7.1	Surface	1.0	1	20.3	8.1	31.3	7.6	101.6	6.1	7.7	7.6	7.9	9.1	
											2	20.3	8.1	31.4	7.6	101.5	6.1	7.3				
									Middle	3.6	1	20.0	8.2	32.1	7.5	99.8	8.1	9.3				
										2	20.0	8.2	32.2	7.5	99.7	8.3	9.1					
									Bottom	6.1	1	19.9	8.2	32.6	7.5	99.1	9.3	10.2				
										2	19.9	8.2	32.6	7.5	99.1	9.4	10.7					
				TCE-C2	Rainy	Moderate	5:48	15.5	Surface	1.0	1	20.2	8.0	32.1	6.9	92.4	5.0	6.6	6.9	7.5	7.3	
											2	20.2	8.0	32.1	6.9	92.4	5.0	6.9				
Middle	7.8								1	20.1	8.0	32.5	6.8	91.2	9.0	7.4						
	2								20.1	8.0	32.5	6.8	91.2	9.0	7.0							
Bottom	14.5								1	20.1	8.0	32.5	6.8	91.0	8.6	8.0						
	2								20.1	8.0	32.5	6.8	91.0	8.7	7.6							
TCE-WQM1	Rainy			Moderate	6:58	9.2	Surface	1.0	1	20.7	8.1	31.7	7.1	96.1	6.6	7.8	7.1	7.8	7.9			
									2	20.7	8.1	31.7	7.2	96.1	6.6	7.7						
							Middle	4.6	1	20.7	8.1	31.7	7.1	96.0	7.6	7.8						
								2	20.7	8.1	31.7	7.1	96.0	7.7	8.0							
							Bottom	8.2	1	20.7	8.1	31.8	7.2	96.1	9.1	8.0						
								2	20.7	8.1	31.8	7.2	96.1	9.1	8.3							
TCE-WQM2a	Rainy			Moderate	6:23	7.4	Surface	1.0	1	20.6	8.1	30.9	7.3	96.8	6.3	5.8	7.2	6.4	6.9			
									2	20.6	8.1	30.9	7.3	96.8	6.3	6.2						
							Middle	3.7	1	20.6	8.1	31.0	7.2	96.7	7.0	7.0						
								2	20.6	8.1	31.0	7.2	96.7	7.1	7.3							
							Bottom	6.4	1	20.6	8.1	31.0	7.2	96.6	6.0	7.7						
								2	20.6	8.1	31.0	7.2	96.6	6.0	7.5							
TCE-WQM2b	Rainy			Moderate	6:10	10.5	Surface	1.0	1	20.5	8.1	31.4	7.1	95.2	8.6	12.4	7.1	6.2	13.7			
									2	20.5	8.1	31.4	7.1	95.2	8.7	12.6						
							Middle	5.3	1	20.4	8.1	31.5	7.1	94.8	5.0	13.6						
								2	20.4	8.1	31.5	7.1	94.8	5.1	13.2							
							Bottom	9.5	1	20.4	8.1	31.5	7.1	95.0	4.8	15.0						
								2	20.4	8.1	31.5	7.1	95.0	4.8	15.4							
TCE-WQM3A	Rainy			Moderate	6:35	4.5	Surface	1.0	1	20.6	8.1	31.3	7.2	96.2	4.2	5.8	7.2	4.4	6.9			
									2	20.6	8.1	31.3	7.2	96.2	4.2	5.6						
							Middle	3.5	1	20.5	8.1	31.5	7.2	96.2	4.7	8.1						
								2	20.5	8.1	31.5	7.2	96.2	4.6	8.2							
							Bottom	2.9	1	20.6	8.1	31.6	7.2	96.6	6.0	6.6						
								2	20.6	8.1	31.6	7.2	96.6	6.0	6.9							

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)			
11-03-20	Mid-Ebb	TCE-C1	Cloudy	Rough	12:34	7.8	Surface	1.0	1	20.0	8.1	30.6	7.9	103.6	4.0	6.9	7.8	4.8	8.4			
									2	20.0	8.1	30.6	7.9	103.6	4.0	7.0						
							Middle	3.9	1	20.0	8.1	31.4	7.7	102.1	4.9	8.5						
								2	20.0	8.1	31.4	7.7	102.2	4.9	8.6							
							Bottom	6.8	1	19.9	8.1	32.6	7.7	102.7	5.5	9.4						
								2	19.9	8.1	32.5	7.7	102.9	5.4	10.0							
		TCE-C2	Cloudy	Rough	14:33	16.1	Surface	1.0	1	20.7	8.1	30.5	7.2	96.4	4.5	12.1	7.1	6.7	10.5			
									2	20.7	8.1	30.5	7.2	96.3	4.5	11.6						
							Middle	8.1	1	20.4	8.1	31.7	6.9	92.2	6.9	10.4						
								2	20.4	8.1	31.7	6.9	92.1	6.9	10.8							
							Bottom	15.1	1	20.4	8.2	31.8	7.0	93.6	8.6	9.0						
								2	20.4	8.2	31.8	7.0	93.8	8.7	9.3							
		TCE-WQM1	Cloudy	Rough	13:21	8.5	Surface	1.0	1	20.5	8.1	30.6	7.4	98.5	6.4	23.7	7.4	6.9	26.4			
									2	20.5	8.1	30.6	7.4	98.4	6.4	24.5						
							Middle	4.3	1	20.5	8.3	30.6	7.4	98.6	5.6	25.7						
								2	20.5	8.3	30.6	7.4	98.7	5.6	26.2							
							Bottom	7.5	1	20.5	8.4	30.6	7.5	99.0	8.7	28.8						
								2	20.5	8.4	30.6	7.5	99.1	8.9	29.2							
		TCE-WQM2a	Cloudy	Rough	13:58	9.5	Surface	1.0	1	20.8	8.2	30.4	7.4	98.8	6.0	11.1	7.3	6.1	12.2			
									2	20.8	8.2	30.4	7.4	98.8	6.0	11.1						
							Middle	4.8	1	20.7	8.2	30.6	7.2	96.0	5.5	12.3						
								2	20.7	8.2	30.6	7.2	96.1	5.6	12.5							
							Bottom	8.5	1	20.6	8.2	31.0	7.2	95.5	6.6	13.7						
								2	20.6	8.2	31.0	7.2	95.6	6.7	13.4							
		TCE-WQM2b	Cloudy	Rough	14:10	10.6	Surface	1.0	1	20.7	8.2	30.4	7.4	98.7	4.3	13.1	7.4	6.6	12.0			
									2	20.7	8.2	30.4	7.4	98.6	4.3	13.2						
							Middle	5.3	1	20.7	8.2	30.5	7.3	97.4	7.0	12.2						
								2	20.7	8.2	30.5	7.3	97.4	7.1	12.9							
							Bottom	9.6	1	20.6	8.2	31.1	7.4	99.4	8.6	10.1						
								2	20.6	8.2	31.1	7.5	99.6	8.2	10.7							
		TCE-WQM3A	Cloudy	Rough	13:46	4.0	Surface	1.0	1	20.7	8.0	30.1	7.5	99.2	5.9	12.8	7.5	9.1	11.6			
									2	20.7	8.0	30.1	7.5	99.3	5.9	12.0						
							Bottom	3.0	1	20.7	8.0	30.1	7.5	99.6	12.1	10.7						
								2	20.7	8.0	30.1	7.5	99.6	12.1	10.9							
							Surface	1.0	1	20.8	8.0	30.3	7.4	99.2	6.1	12.1				7.4	7.7	10.9
									2	20.8	8.0	30.3	7.4	99.1	6.2	11.8						
		Middle	3.4	1	20.8	8.1	30.4	7.5	99.8	9.2	9.8											
			2	20.8	8.1	30.4	7.5	99.8	9.2	9.7												
		Bottom	3.4	1	20.8	8.1	30.4	7.5	100.0	9.2	9.7											
			2	20.8	8.1	30.4	7.5	100.0	9.2	9.7												
		11-03-20	Mid-Flood	TCE-C1	Fine	Rough	9:07	8.4	Surface	1.0	1	20.0	8.3	31.1	7.7	101.9	4.8	7.2	7.7	7.4	9.1	
											2	20.0	8.3	31.2	7.7	102.0	4.9	7.3				
									Middle	4.2	1	19.9	8.3	32.0	7.6	100.7	7.1	8.6				
										2	19.9	8.3	32.0	7.6	100.8	7.1	8.6					
									Bottom	7.4	1	19.9	8.4	33.0	7.7	102.4	10.2	11.0				
										2	19.9	8.4	33.0	7.7	102.4	10.5	11.6					
				TCE-C2	Rainy	Rough	6:55	14.2	Surface	1.0	1	20.5	7.9	31.4	6.9	92.4	7.9	18.8	6.8	7.8	17.2	
											2	20.5	7.9	31.4	6.9	92.4	7.9	18.0				
Middle	7.1								1	20.4	7.9	31.8	6.7	90.0	6.8	17.5						
	2								20.4	7.9	31.7	6.7	90.1	6.8	17.9							
Bottom	13.2								1	20.4	7.8	31.9	6.9	91.5	8.7	15.2						
	2								20.4	7.8	31.9	6.9	91.5	8.6	15.8							
TCE-WQM1	Fine			Rough	8:25	9.3	Surface	1.0	1	20.8	8.2	30.4	7.2	96.7	12.3	22.0	7.2	13.5	19.6			
									2	20.8	8.2	30.4	7.2	96.7	12.3	21.4						
							Middle	4.7	1	20.8	8.2	30.4	7.2	96.5	13.5	19.8						
								2	20.8	8.2	30.4	7.2	96.6	13.7	18.3							
							Bottom	8.3	1	20.8	8.3	30.4	7.5	99.8	14.6	18.3						
								2	20.8	8.3	30.4	7.5	99.9	14.4	18.0							
TCE-WQM2a	Rainy			Rough	7:44	8.4	Surface	1.0	1	20.7	8.3	30.1	7.4	98.7	5.8	14.0	7.4	7.7	15.0			
									2	20.7	8.3	30.1	7.4	98.7	5.8	13.5						
							Middle	4.2	1	20.7	8.1	30.2	7.3	97.0	8.8	14.2						
								2	20.7	8.1	30.2	7.3	96.9	8.8	14.4							
							Bottom	7.4	1	20.7	8.1	30.2	7.3	96.9	8.6	17.5						
								2	20.7	8.1	30.2	7.3	97.1	8.6	16.4							
TCE-WQM2b	Rainy			Rough	7:18	8.6	Surface	1.0	1	20.7	8.0	30.5	7.1	95.1	4.2	20.2	7.1	7.0	21.5			
									2	20.7	8.0	30.5	7.1	95.1	4.5	20.6						
							Middle	4.3	1	20.7	8.0	30.5	7.0	93.5	7.1	21.5						
								2	20.7	8.0	30.5	7.0	93.5	7.1	21.8							
							Bottom	7.6	1	20.6	8.1	30.8	7.4	98.7	9.6	22.7						
								2	20.6	8.1	30.8	7.4	98.8	9.5	22.3							
TCE-WQM3A	Rainy			Moderate	7:55	3.9	Surface	1.0	1	20.7	8.3	30.1	7.3	96.7	10.5	8.6	7.3	12.0	8.8			
									2	20.7	8.3	30.1	7.3	96.7	10.5	8.5						
							Bottom	2.9	1	20.7	8.3	30.2	7.3	97.4	13.4	8.8						
								2	20.7	8.3	30.2	7.3	97.4	13.7	9.4							
							Surface	1.0	1	20.8	8.1	30.3	7.3	97.1	7.3	11.4				7.3	8.0	10.9
									2	20.8	8.1	30.3	7.3	97.1	7.3	11.0						
Bottom	3.6			1	20.8	8.1	30.3	7.3	97.7	8.8	10.7											
	2			20.8	8.1	30.3	7.3	97.7	8.7	10.6												

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)
16-03-20	Mid-Ebb	TCE-C1	Cloudy	Moderate	7:43	8.0	Surface	1.0	1	20.2	8.3	31.7	8.2	109.0	2.6	4.4	8.1	3.3	4.5
									2	20.2	8.3	31.7	8.3	106.6	2.7	4.0			
							Middle	4.0	1	20.2	8.3	31.7	8.0	106.5	3.2	4.1			
									2	20.3	8.3	31.8	8.0	106.6	3.4	4.5			
							Bottom	7.0	1	20.3	8.4	32.5	7.9	106.0	3.9	5.3			
									2	20.3	8.4	32.4	7.9	106.1	3.9	4.8			
		TCE-C2	Cloudy	Moderate	5:50	12.8	Surface	1.0	1	20.4	8.2	31.9	7.1	95.2	2.1	3.3	7.1	2.2	4.4
									2	20.4	8.2	31.9	7.1	95.2	2.2	3.7			
							Middle	6.4	1	20.3	8.2	32.1	7.1	94.4	2.0	4.4			
									2	20.3	8.2	32.1	7.1	94.4	2.1	4.2			
							Bottom	11.8	1	20.3	8.2	32.1	7.1	95.1	2.3	5.6			
									2	20.3	8.2	32.1	7.1	95.1	2.2	5.3			
		TCE-WQM1	Cloudy	Moderate	7:06	8.1	Surface	1.0	1	20.7	8.4	30.9	8.1	108.4	3.8	5.6	8.1	4.0	5.7
									2	20.7	8.4	30.9	8.1	108.5	3.8	5.4			
							Middle	4.1	1	20.7	8.4	30.9	8.1	108.3	4.0	5.7			
									2	20.7	8.4	31.0	8.1	108.1	4.0	5.8			
							Bottom	7.1	1	20.7	8.4	31.1	8.1	107.7	4.2	5.8			
									2	20.7	8.4	31.1	8.0	107.6	4.2	5.6			
		TCE-WQM2a	Cloudy	Moderate	6:32	7.5	Surface	1.0	1	20.6	8.3	30.5	7.6	101.4	2.3	5.9	7.6	3.3	5.5
									2	20.6	8.3	30.5	7.6	101.4	2.3	6.2			
							Middle	3.8	1	20.6	8.3	30.5	7.6	100.5	2.5	5.5			
									2	20.6	8.3	30.5	7.6	100.8	2.6	5.1			
							Bottom	6.5	1	20.7	8.3	31.0	7.6	101.6	4.9	5.2			
									2	20.6	8.3	31.0	7.6	101.8	5.2	5.0			
		TCE-WQM2b	Cloudy	Moderate	6:20	11.3	Surface	1.0	1	20.6	8.3	30.5	7.3	97.8	2.6	7.8	7.3	3.0	6.9
									2	20.6	8.3	30.5	7.3	97.7	2.6	7.5			
							Middle	5.7	1	20.6	8.3	30.9	7.2	95.7	2.9	6.8			
									2	20.6	8.3	30.9	7.2	96.1	2.9	6.6			
							Bottom	10.3	1	20.5	8.3	31.8	7.3	97.4	3.4	6.3			
									2	20.5	8.3	31.8	7.3	98.0	3.6	6.3			
		TCE-WQM3A	Cloudy	Calm	6:40	3.8	Surface	1.0	1	20.7	8.3	30.4	7.6	101.6	8.0	6.6	7.6	9.6	6.4
									2	20.7	8.3	30.4	7.6	101.5	8.8	6.5			
							Bottom	2.8	1	20.7	8.3	30.4	7.7	102.3	10.6	6.0			
									2	20.7	8.3	30.4	7.7	102.4	10.9	6.4			
							Surface	1.0	1	20.7	8.4	30.5	8.0	106.5	3.8	6.6			
									2	20.7	8.4	30.5	8.0	106.4	3.8	6.8			
		TCE-WQM4	Cloudy	Calm	6:54	3.4	Surface	1.0	1	20.7	8.4	30.5	7.9	105.6	3.7	5.7	8.0	3.8	6.2
									2	20.7	8.4	30.5	7.9	105.6	3.7	5.7			
							Bottom	2.4	1	20.7	8.4	30.5	7.9	105.6	3.7	5.5			
									2	20.7	8.4	30.5	7.9	105.7	3.8	5.5			
							Surface	1.0	1	20.2	8.4	31.7	8.3	109.8	2.4	3.3			
									2	20.2	8.4	31.7	8.2	109.6	2.5	3.5			
		TCE-C1	Cloudy	Moderate	9:30	8.3	Surface	1.0	1	20.2	8.4	31.7	8.3	109.8	2.4	3.3	8.1	3.1	4.9
									2	20.2	8.4	31.7	8.2	109.6	2.5	3.5			
							Middle	4.2	1	20.3	8.4	32.6	8.1	107.9	3.1	4.7			
									2	20.3	8.4	32.6	8.0	107.6	3.2	4.9			
							Bottom	7.3	1	20.3	8.4	32.7	7.8	105.0	3.7	6.4			
									2	20.3	8.4	32.7	7.8	105.0	3.7	6.3			
TCE-C2	Cloudy	Moderate	11:38	12.7	Surface	1.0	1	20.4	8.4	31.5	7.3	97.5	3.9	4.8	7.2	8.8	6.2		
							2	20.4	8.4	31.6	7.3	97.3	4.2	5.2					
					Middle	6.4	1	20.3	8.4	32.2	7.2	95.8	9.3	5.5					
							2	20.3	8.4	32.2	7.2	95.8	9.4	5.1					
					Bottom	11.7	1	20.3	8.4	32.2	7.3	96.9	13.1	8.6					
							2	20.3	8.4	32.2	7.3	96.9	13.0	8.2					
TCE-WQM1	Cloudy	Moderate	10:16	8.0	Surface	1.0	1	20.8	8.2	30.8	8.3	110.8	3.4	4.7	8.0	4.2	6.3		
							2	20.8	8.2	30.8	8.2	110.3	3.5	4.2					
					Middle	4.0	1	20.7	8.2	31.0	7.8	104.8	4.4	6.4					
							2	20.7	8.2	31.0	7.8	104.6	4.5	6.7					
					Bottom	7.0	1	20.7	8.2	31.1	7.8	104.8	4.9	7.9					
							2	20.7	8.2	31.1	7.8	104.6	4.7	7.7					
TCE-WQM2a	Cloudy	Moderate	10:54	7.4	Surface	1.0	1	20.8	8.3	30.8	7.7	102.4	2.3	3.0	7.6	2.3	4.2		
							2	20.8	8.3	30.8	7.7	102.4	2.3	3.4					
					Middle	3.7	1	20.7	8.3	30.8	7.5	100.2	2.3	4.5					
							2	20.7	8.3	30.8	7.5	100.5	2.3	4.0					
					Bottom	6.4	1	20.7	8.3	30.8	7.6	101.7	2.3	5.0					
							2	20.7	8.3	30.8	7.6	101.8	2.3	5.3					
TCE-WQM2b	Cloudy	Moderate	11:06	10.1	Surface	1.0	1	20.8	8.5	30.8	7.8	103.8	2.8	3.2	7.6	4.3	4.6		
							2	20.8	8.5	30.8	7.8	103.8	2.8	3.7					
					Middle	5.1	1	20.7	8.5	31.1	7.5	100.2	4.3	4.8					
							2	20.7	8.5	31.0	7.5	100.1	4.4	5.1					
					Bottom	9.1	1	20.6	8.5	31.1	7.5	100.6	5.6	5.0					
							2	20.6	8.5	31.1	7.5	100.8	5.6	5.5					
TCE-WQM3A	Cloudy	Calm	10:42	3.9	Surface	1.0	1	20.7	8.4	30.4	8.0	106.8	6.5	5.7	8.0	9.0	11.1		
							2	20.7	8.4	30.4	8.0	106.8	6.5	5.9					
					Bottom	2.9	1	20.7	8.4	30.4	7.9	105.2	11.5	22.2					
							2	20.7	8.4	30.4	7.9	105.1	11.5	10.6					
					Surface	1.0	1	20.8	8.3	30.6	8.2	110.2	6.9	8.2					
							2	20.8	8.3	30.6	8.2	110.1	7.0	8.6					
TCE-WQM4	Cloudy	Calm	10:30	3.5	Surface	1.0	1	20.8	8.3	30.6	8.1	108.5	7.5	9.9	8.2	7.2	9.1		
							2	20.8	8.3	30.6	8.1	108.5	7.5	9.9					
					Bottom	2.5	1	20.8	8.3	30.6	8.1	108.5	7.5	9.9					
							2	20.8	8.3	30.6	8.1	108.5	7.4	9.5					

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)			
18-03-20	Mid-Ebb	TCE-C1	Cloudy	Moderate	19:43	8.3		Surface	1	1	20.4	8.0	31.4	8.1	108.5	1.6	3.4	8.0	2.2	4.3		
								2	2	20.4	8.0	31.5	8.1	108.2	1.6	3.0						
								Middle	4.2	1	20.3	8.0	32.3	7.8	104.4	2.3	3.9					
								2	2	20.3	8.0	32.3	7.8	104.7	2.4	4.2						
								Bottom	7.3	1	20.2	7.9	32.8	7.8	104.8	2.5	5.4					
								2	2	20.2	7.9	32.7	7.8	104.4	2.5	5.7						
		TCE-C2	Cloudy	Moderate	21:46	12.9		Surface	1	1	20.5	7.9	31.2	7.4	98.3	1.5	3.2	7.3	1.6	4.0		
								2	2	20.5	7.9	31.3	7.3	97.6	1.5	3.4						
								Middle	6.5	1	20.3	7.9	32.4	7.2	96.0	1.5	3.6					
								2	2	20.2	7.9	32.5	7.2	96.0	1.6	4.0						
								Bottom	11.9	1	20.2	7.9	32.6	7.2	96.1	1.8	4.6					
								2	2	20.2	7.9	32.6	7.2	96.1	1.8	4.9						
		TCE-WQM1	Cloudy	Calm	20:29	8.0		Surface	1	1	20.6	7.9	31.4	7.7	103.3	3.2	9.4	7.6	3.5	8.4		
								2	2	20.6	7.9	31.4	7.7	103.2	3.2	9.2						
								Middle	4.0	1	20.6	7.9	31.4	7.6	101.4	3.6	8.3					
								2	2	20.6	7.9	31.4	7.6	101.5	3.5	8.4						
								Bottom	7.0	1	20.6	7.9	31.5	7.6	101.9	3.8	7.3					
								2	2	20.6	7.9	31.5	7.6	101.9	3.8	7.5						
		TCE-WQM2a	Cloudy	Moderate	21:08	7.3		Surface	1	1	20.6	7.9	30.8	7.6	100.6	2.5	4.9	7.5	2.6	5.5		
								2	2	20.6	7.9	30.8	7.6	100.6	2.5	4.8						
								Middle	3.7	1	20.6	7.9	31.1	7.5	100.1	2.5	5.3					
								2	2	20.6	7.9	31.1	7.5	100.1	2.5	5.6						
								Bottom	6.3	1	20.5	7.9	31.5	7.5	100.3	2.7	6.1					
								2	2	20.5	7.9	31.5	7.5	100.3	2.6	6.2						
		TCE-WQM2b	Cloudy	Moderate	21:20	11.0		Surface	1	1	20.7	7.9	29.2	7.7	101.1	2.2	3.4	7.5	2.3	4.3		
								2	2	20.7	7.9	29.2	7.6	101.0	2.2	3.2						
								Middle	5.5	1	20.5	7.9	30.9	7.3	97.0	2.2	4.4					
								2	2	20.5	7.9	31.0	7.3	96.9	2.3	4.6						
								Bottom	10.0	1	20.5	7.9	31.8	7.5	100.0	2.5	5.0					
								2	2	20.5	7.9	31.8	7.5	100.0	2.5	5.2						
		TCE-WQM3A	Cloudy	Calm	20:55	3.9		Surface	1	1	20.6	7.9	30.6	7.5	100.1	4.4	4.7	7.5	4.9	5.3		
								2	2	20.6	7.9	30.6	7.6	100.6	4.7	4.8						
								Bottom	2.9	1	20.6	7.9	30.6	7.6	101.7	5.3	5.8					
								2	2	20.6	7.9	30.6	7.6	101.8	5.3	5.7						
								Middle	1.0	1	20.6	7.9	30.7	7.7	103.1	4.4	5.9					
								2	2	20.6	7.9	30.8	7.7	102.0	4.6	6.1						
		TCE-WQM4	Cloudy	Calm	20:44	3.6		Surface	1	1	20.6	7.9	30.9	7.6	101.8	4.6	7.0	7.6	4.5	6.4		
								2	2	20.6	7.9	30.9	7.6	101.8	4.6	7.0						
								Middle	2.6	1	20.6	7.9	30.9	7.6	102.1	4.5	6.7					
								2	2	20.6	7.9	30.9	7.7	102.1	4.5	6.7						
								Bottom	1.0	1	20.4	7.9	31.5	8.1	107.5	2.1	2.9					
								2	2	20.4	7.9	31.6	8.0	107.1	2.2	3.2						
		18-03-20	Mid-Flood	TCE-C1	Cloudy	Moderate	9:35	8.2		Surface	1	1	20.4	7.9	31.5	8.1	107.5	2.1	2.9	8.0	3.2	3.9
										2	2	20.4	7.9	31.6	8.0	107.1	2.2	3.2				
										Middle	4.1	1	20.2	7.9	32.4	7.9	105.5	3.2	3.5			
										2	2	20.2	7.9	32.5	7.9	105.2	3.5	3.3				
										Bottom	7.2	1	20.2	7.9	33.0	7.8	104.3	4.2	5.0			
										2	2	20.2	7.9	33.0	7.8	104.2	4.2	5.3				
TCE-C2	Cloudy			Moderate	7:40	12.7		Surface	1	1	20.3	8.0	31.9	7.3	96.8	1.5	4.3	7.2	1.8	5.1		
								2	2	20.3	8.0	32.0	7.3	96.8	1.5	4.2						
								Middle	6.4	1	20.2	8.0	32.6	7.2	95.8	1.9	4.4					
								2	2	20.2	8.0	32.6	7.2	95.6	1.8	4.6						
								Bottom	11.7	1	20.2	8.0	32.6	7.1	95.3	2.0	6.3					
								2	2	20.2	8.0	32.6	7.1	95.4	2.0	6.8						
TCE-WQM1	Cloudy			Calm	8:54	7.8		Surface	1	1	20.6	7.9	31.1	7.6	101.4	3.6	5.2	7.6	3.5	6.2		
								2	2	20.6	7.9	31.1	7.6	101.8	3.5	5.9						
								Middle	3.9	1	20.6	7.9	31.1	7.6	102.1	3.5	6.4					
								2	2	20.6	7.9	31.1	7.6	102.1	3.5	6.4						
								Bottom	6.8	1	20.6	7.9	31.2	7.6	101.0	3.5	7.4					
								2	2	20.6	7.9	31.2	7.6	101.1	3.5	7.2						
TCE-WQM2a	Cloudy			Moderate	8:18	7.2		Surface	1	1	20.6	7.9	30.8	7.6	101.6	2.9	3.9	7.5	4.6	4.8		
								2	2	20.6	7.9	30.8	7.6	101.6	2.9	3.9						
								Middle	3.6	1	20.6	7.9	30.9	7.5	99.7	4.2	5.1					
								2	2	20.6	7.9	30.9	7.5	99.6	4.2	4.8						
								Bottom	6.2	1	20.6	7.9	31.4	7.4	99.1	6.7	5.4					
								2	2	20.6	7.9	31.4	7.4	99.0	6.8	5.6						
TCE-WQM2b	Cloudy			Moderate	8:06	11.1		Surface	1	1	20.6	7.9	31.0	7.4	98.8	2.8	3.0	7.4	4.0	3.6		
								2	2	20.6	7.9	31.0	7.4	98.7	2.9	3.4						
								Middle	5.6	1	20.5	7.9	31.2	7.3	97.5	3.6	3.7					
								2	2	20.5	7.9	31.2	7.3	97.3	3.8	3.4						
								Bottom	10.1	1	20.4	7.9	32.0	7.2	96.7	5.4	4.1					
								2	2	20.4	7.9	32.0	7.2	96.8	5.6	4.2						
TCE-WQM3A	Cloudy			Calm	8:31	3.8		Surface	1	1	20.6	7.9	30.6	7.7	102.1	2.4	3.0	7.7	2.7	3.4		
								2	2	20.6	7.9	30.6	7.7	102.1	2.4	3.0						
								Middle	2.8	1	20.5	7.9	30.6	7.5	100.0	3.0	3.7					
								2	2	20.5	7.9	30.6	7.5	99.9	3.0	3.4						
								Bottom	1.0	1	20.6	7.9	30.9	7.6	100.8	2.5	29.7					
								2	2	20.6	7.9	30.9	7.6	100.8	2.3	31.0						
TCE-WQM4	Cloudy			Calm	8:41	3.5		Surface	1	1	20.6	7.9	30.9	7.6	100.8	2.5	29.7	7.6	2.5	17.3		
								2	2	20.6	7.9	30.9	7.6	100.8	2.3	31.0						
								Middle	2.5	1	20.5	7.9	30.9	7.5	100.2	2.7	4.3					
								2	2	20.5	7.9	30.9	7.5	100.1	2.6	4.0						

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)	Turbidity (NTU)	SS (mg/L)				
20-03-20	Mid-Ebb	TCE-C1	Cloudy	Rough	12:50	8.7	Surface	1.0	1	20.5	8.1	30.6	7.7	101.6	2.9	6.0	7.6	5.9	4.9				
							Middle	4.4	1	20.3	8.1	31.4	7.5	99.9	5.4	4.9							
							Bottom	7.7	1	20.0	8.2	32.7	7.4	98.4	9.5	4.6							
		TCE-C2	Cloudy	Moderate	10:46	14.2	Surface	1.0	1	20.7	8.0	30.3	7.1	94.7	3.3	3.8	6.9	4.0	5.2				
							Middle	7.1	1	20.1	8.0	32.5	6.8	90.1	3.7	4.8							
							Bottom	13.2	1	20.1	8.0	32.6	6.7	89.8	5.2	8.1							
		TCE-WQM1	Cloudy	Moderate	12:05	9.6	Surface	1.0	1	20.6	8.1	30.7	7.1	94.8	5.5	8.1	7.1	6.0	7.4				
							Middle	4.8	1	20.6	8.1	30.7	7.1	94.8	5.6	7.9							
							Bottom	8.6	1	20.6	8.1	30.7	7.0	93.7	6.4	7.4							
		TCE-WQM2a	Cloudy	Moderate	11:27	7.1	Surface	1.0	1	20.7	8.1	30.2	7.1	95.0	3.4	4.1	7.1	4.6	4.4				
							Middle	3.6	1	20.5	8.1	31.1	7.0	93.3	3.4	4.6							
							Bottom	6.1	1	20.4	8.0	31.3	7.1	93.9	7.2	4.4							
TCE-WQM2b	Cloudy	Moderate	11:14	12.3	Surface	1.0	1	20.7	8.0	30.2	7.1	94.3	3.2	3.7	6.9	4.0	4.8						
					Middle	6.2	1	20.3	8.0	31.7	6.8	91.0	3.0	4.7									
					Bottom	11.3	1	20.1	8.0	32.5	6.7	89.4	5.7	6.4									
TCE-WQM3A	Cloudy	Moderate	11:40	4.1	Surface	1.0	1	20.7	8.1	30.1	7.0	93.5	8.7	18.1	7.0	9.6	14.7						
					Bottom	3.1	1	20.7	8.1	30.1	7.0	93.5	8.7	19.2									
TCE-WQM4	Cloudy	Moderate	11:50	4.3	Surface	1.0	1	20.7	8.1	30.6	6.9	92.6	4.1	6.1	6.9	5.3	6.9						
					Bottom	3.3	1	20.7	8.1	30.6	6.9	92.6	4.4	7.9									
20-03-20	Mid-Flood	TCE-C1	Cloudy	Rough	14:44	9.5	Surface	1.0	1	20.6	8.1	30.3	7.6	101.6	3.6	3.7	7.6	6.3	3.6				
							Middle	4.8	1	20.1	8.1	32.2	7.5	99.6	3.3	4.3							
							Bottom	8.5	1	20.1	8.1	32.6	7.3	97.5	12.1	3.0							
		TCE-C2	Cloudy	Rough	16:51	14.6	Surface	1.0	1	20.5	8.1	31.8	7.0	93.4	1.9	5.5	6.9	5.3	4.3				
							Middle	7.3	1	20.1	8.1	32.7	6.8	90.3	4.4	3.0							
							Bottom	13.6	1	20.1	8.1	32.7	6.8	90.3	4.9	4.6							
		TCE-WQM1	Cloudy	Rough	15:26	10.5	Surface	1.0	1	20.7	8.1	30.6	7.1	94.5	4.5	5.5	7.0	5.7	5.4				
							Middle	5.3	1	20.7	8.1	30.6	7.0	93.4	5.4	4.8							
							Bottom	9.5	1	20.7	8.1	30.7	7.0	92.9	7.3	5.6							
		TCE-WQM2a	Cloudy	Rough	16:05	7.5	Surface	1.0	1	20.9	8.0	29.7	7.2	95.3	3.7	4.8	7.1	7.0	5.6				
							Middle	3.8	1	20.9	8.0	30.5	7.0	93.0	5.8	6.1							
							Bottom	6.5	1	20.6	8.0	31.1	6.8	90.9	11.4	6.3							
TCE-WQM2b	Cloudy	Rough	16:18	11.2	Surface	1.0	1	20.7	8.0	30.0	7.0	93.1	2.8	4.4	6.9	3.4	3.8						
					Middle	5.6	1	20.5	8.0	31.0	6.9	91.9	3.3	3.0									
					Bottom	10.2	1	20.5	8.0	31.0	6.9	91.9	3.3	4.5									
TCE-WQM3A	Cloudy	Rough	15:53	4.5	Surface	1.0	1	20.9	8.1	30.2	7.1	95.2	6.2	7.3	7.1	8.0	7.6						
					Bottom	3.5	1	20.8	8.1	30.2	7.1	94.9	9.8	7.8									
TCE-WQM4	Cloudy	Rough	15:41	4.1	Surface	1.0	1	20.9	8.1	30.5	7.1	94.4	5.9	7.2	7.1	6.2	7.7						
					Bottom	3.1	1	20.9	8.1	30.7	7.1	94.7	6.5	7.7									

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)			
23-03-20	Mid-Ebb	TCE-C1	Fine	Moderate	11:20	8.0	Surface	1.0	1	21.3	7.7	27.9	7.2	95.7	3.3	5.2	7.2	4.2	4.4			
									2	21.3	7.7	27.9	7.2	95.7	3.3	5.1						
							Middle	4.0	1	20.8	7.8	30.4	7.2	95.5	3.9	4.6						
									2	20.8	7.8	30.3	7.2	95.5	3.9	4.3						
							Bottom	7.0	1	20.5	7.8	31.4	6.9	92.4	5.3	3.6						
									2	20.5	7.8	31.4	6.9	92.2	5.2	3.7						
		TCE-C2	Fine	Moderate	13:37	12.7	Surface	1.0	1	23.0	7.5	27.4	6.9	94.1	2.0	6.1	6.7	2.6	5.7			
									2	23.0	7.6	27.4	6.9	94.2	2.0	6.3						
							Middle	6.4	1	21.8	7.8	28.5	6.6	88.7	2.5	5.5						
									2	21.8	7.8	28.5	6.6	88.8	2.6	5.8						
							Bottom	11.7	1	20.9	7.8	30.8	6.5	87.3	3.3	5.2						
									2	20.9	7.8	30.8	6.5	87.4	3.3	5.5						
		TCE-WQM1	Fine	Calm	12:22	8.0	Surface	1.0	1	22.1	8.0	28.4	6.9	93.5	4.7	8.0	6.9	4.9	7.7			
									2	22.1	8.0	28.4	6.9	93.4	4.7	8.0						
							Middle	4.0	1	22.1	8.0	28.6	6.8	92.6	4.9	7.7						
									2	22.1	8.0	28.6	6.8	92.5	4.9	7.7						
							Bottom	7.0	1	22.1	8.1	28.7	6.8	92.2	5.2	7.4						
									2	22.1	8.1	28.7	6.8	92.1	5.2	7.2						
		TCE-WQM2a	Fine	Moderate	12:57	7.3	Surface	1.0	1	22.2	8.0	28.3	6.8	91.2	3.2	6.0	6.7	3.5	5.4			
									2	22.2	8.0	28.3	6.8	91.2	3.2	6.0						
							Middle	3.7	1	21.3	8.1	29.5	6.7	89.2	3.5	5.3						
									2	21.3	8.1	29.5	6.7	89.2	3.5	5.3						
							Bottom	6.3	1	21.2	8.2	29.8	6.8	91.7	3.9	4.7						
									2	21.3	8.2	29.7	6.9	91.8	3.9	5.1						
		TCE-WQM2b	Fine	Moderate	13:11	11.0	Surface	1.0	1	22.2	7.6	25.4	6.9	92.2	3.7	6.1	6.8	4.4	5.4			
									2	22.2	7.6	25.6	6.9	92.1	3.7	6.0						
							Middle	5.5	1	21.8	7.7	26.7	6.7	89.3	4.8	5.7						
									2	21.8	7.7	26.7	6.7	89.3	4.8	5.3						
							Bottom	10.0	1	21.8	7.7	26.8	6.8	91.0	4.8	4.6						
									2	21.8	7.7	26.8	6.8	91.0	4.8	4.6						
		TCE-WQM3A	Fine	Calm	12:46	3.6	Surface	1.0	1	22.0	7.9	27.5	6.7	90.4	8.3	11.5	6.7	8.7	10.8			
									2	22.1	7.9	27.5	6.7	90.0	8.5	11.2						
							Bottom	2.6	1	22.2	7.9	28.2	6.7	91.0	9.1	10.1						
									2	22.2	7.9	28.2	6.7	91.0	9.0	10.2						
							Surface	1.0	1	22.4	8.0	28.9	6.8	93.1	7.6	10.0				6.8	10.3	9.1
									2	22.4	8.0	28.8	6.9	93.3	7.7	10.4						
		Middle	2.5	1	22.4	8.0	28.7	6.9	93.2	12.8	8.2											
				2	22.4	8.1	28.7	6.9	93.4	12.9	7.8											
		Bottom	10.0	1	21.2	7.7	29.7	6.7	89.0	3.1	7.4											
				2	21.2	7.7	29.7	6.7	89.1	3.0	7.5											
		23-03-20	Mid-Flood	TCE-C1	Cloudy	Moderate	8:51	8.4	Surface	1.0	1	21.3	8.0	27.6	7.3	96.6	3.7	4.8	7.2	4.9	6.2	
											2	21.3	8.0	27.6	7.3	96.7	3.8	4.7				
									Middle	4.2	1	20.8	8.0	30.2	7.2	95.7	5.0	5.7				
											2	20.8	8.0	30.2	7.2	95.6	5.0	5.7				
									Bottom	7.4	1	20.5	8.0	31.6	7.1	94.9	5.8	7.9				
											2	20.5	8.0	31.6	7.1	94.8	5.8	8.0				
				TCE-C2	Cloudy	Moderate	6:24	12.8	Surface	1.0	1	21.2	7.7	29.7	6.7	89.0	3.1	7.4	6.6	5.4	6.2	
											2	21.2	7.7	29.7	6.7	89.1	3.0	7.5				
Middle	6.4								1	20.8	7.7	31.2	6.5	87.2	5.1	5.8						
									2	20.8	7.7	31.2	6.5	87.2	5.1	6.1						
Bottom	11.8								1	20.8	7.7	31.3	6.5	86.9	8.0	5.1						
									2	20.8	7.7	31.3	6.5	86.8	8.1	5.0						
TCE-WQM1	Cloudy			Calm	7:42	8.0	Surface	1.0	1	21.9	7.7	29.0	6.7	90.9	4.7	6.4	6.7	6.4	7.2			
									2	21.9	7.7	29.0	6.7	90.9	4.7	6.9						
							Middle	4.0	1	21.9	7.7	29.1	6.7	90.9	6.3	7.1						
									2	21.9	7.7	29.1	6.7	91.0	6.4	7.4						
							Bottom	7.0	1	21.9	7.8	29.1	6.7	91.0	8.2	7.7						
									2	21.9	7.8	29.1	6.7	91.0	8.2	7.6						
TCE-WQM2a	Cloudy			Moderate	7:06	7.5	Surface	1.0	1	21.8	7.9	27.2	6.9	92.0	4.3	6.0	6.8	9.3	5.1			
									2	21.8	7.9	27.2	6.9	92.0	4.3	6.0						
							Middle	3.8	1	21.5	7.9	28.6	6.8	90.6	9.9	5.0						
									2	21.5	7.9	28.6	6.8	90.6	10.1	5.4						
							Bottom	6.5	1	21.2	7.9	29.6	6.9	91.7	13.6	4.0						
									2	21.2	7.9	29.5	6.9	91.8	13.5	4.3						
TCE-WQM2b	Cloudy			Moderate	6:52	11.3	Surface	1.0	1	21.6	7.9	28.1	6.8	91.1	4.4	7.2	6.8	6.8	6.2			
									2	21.6	7.9	28.1	6.8	90.9	4.6	7.5						
							Middle	5.7	1	21.5	7.9	28.5	6.8	90.6	6.6	6.1						
									2	21.5	7.9	28.5	6.8	90.6	6.7	5.6						
							Bottom	10.3	1	21.2	7.9	29.8	6.8	91.3	9.2	5.2						
									2	21.2	7.9	29.7	6.8	91.3	9.1	5.4						
TCE-WQM3A	Cloudy			Calm	7:18	3.9	Surface	1.0	1	22.0	8.0	26.4	7.1	94.1	1.6	4.0	7.1	1.6	4.8			
									2	22.0	8.0	26.4	7.1	94.1	1.6	3.7						
							Middle	2.9	1	21.9	8.0	26.6	7.1	94.2	1.7	5.5						
									2	21.9	8.0	26.5	7.1	94.9	1.6	5.9						
							Bottom	2.4	1	21.8	7.9	29.0	6.8	92.2	4.5	6.6						
									2	21.8	7.9	29.0	6.9	92.3	4.5	7.1						
TCE-WQM4	Cloudy			Calm	7:29	3.4	Surface	1.0	1	21.8	7.9	28.6	6.9	92.2	3.5	4.5	6.9	4.0	5.7			
									2	21.8	7.9	28.6	6.9	92.3	3.5	4.7						
							Middle	2.4	1	21.8	7.9	29.0	6.8	92.2	4.5	6.6						
									2	21.8	7.9	29.0	6.9	92.3	4.5	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)	Turbidity (NTU)	SS (mg/L)								
25-03-20	Mid-Ebb	TCE-C1	Fine	Moderate	12:09	7.7	Surface	1.0	1	21.8	8.0	28.2	7.2	97.1	3.8	6.2	7.1	4.2	7.5								
									2	21.8	8.0	28.2	7.2	97.1	3.7	6.3											
							Middle	3.9	1	21.2	8.0	30.5	7.0	94.4	4.1	7.7											
								2	21.2	8.0	30.5	7.0	94.5	4.1	7.9												
							Bottom	6.7	1	21.1	8.0	31.3	7.1	95.4	4.8	8.5											
								2	21.1	8.0	31.2	7.1	95.4	4.7	8.6												
		TCE-C2	Fine	Moderate	13:59	12.9	Surface	1.0	1	22.0	8.0	28.9	6.7	90.3	3.2	7.6	6.6	3.4	6.7								
									2	21.9	8.0	29.0	6.7	89.9	3.1	7.5											
							Middle	6.5	1	21.5	8.0	30.0	6.6	89.0	3.7	7.2											
								2	21.5	8.0	30.0	6.6	89.0	3.7	7.2												
							Bottom	11.9	1	21.5	8.1	30.1	6.7	90.4	3.4	5.4											
								2	21.5	8.1	30.1	6.7	90.6	3.4	5.5												
		TCE-WQM1	Fine	Calm	12:49	8.0	Surface	1.0	1	22.5	8.0	28.5	7.0	95.5	7.4	7.4	7.0	8.2	9.3								
									2	22.5	8.0	28.5	7.0	95.6	7.5	7.2											
							Middle	4.0	1	22.3	8.0	28.6	7.0	94.5	8.5	9.5											
								2	22.3	8.0	28.6	7.0	94.7	8.5	9.5												
							Bottom	7.0	1	22.2	8.0	28.7	7.1	96.5	8.5	10.6											
								2	22.2	8.0	28.7	7.1	96.5	8.5	11.3												
		TCE-WQM2a	Fine	Moderate	13:24	7.6	Surface	1.0	1	22.6	7.9	28.1	6.8	92.9	4.4	6.2	6.8	7.2	6.9								
									2	22.6	7.9	28.1	6.8	92.9	4.4	6.1											
							Middle	3.8	1	22.0	8.0	28.3	6.8	91.7	6.6	6.8											
								2	22.0	8.0	28.3	6.8	91.9	6.7	6.9												
							Bottom	6.6	1	21.9	8.0	28.8	6.9	93.1	10.4	7.7											
								2	21.9	8.0	28.8	6.9	93.2	10.4	7.5												
		TCE-WQM2b	Fine	Moderate	13:37	11.2	Surface	1.0	1	22.7	8.0	26.1	7.0	94.3	4.5	8.1	6.9	6.4	7.1								
									2	22.7	8.0	26.2	7.0	94.0	4.7	8.3											
							Middle	5.6	1	22.1	8.0	27.9	6.9	92.6	7.4	7.2											
								2	22.1	8.0	27.9	6.9	92.6	7.4	7.7												
							Bottom	10.2	1	22.1	8.0	28.0	7.0	93.7	7.3	5.7											
								2	22.1	8.0	28.0	7.0	93.8	7.3	5.8												
		TCE-WQM3A	Fine	Calm	13:13	3.8	Surface	1.0	1	22.6	8.0	27.9	7.0	95.4	7.2	13.3	7.0	7.1	12.0								
									2	22.6	8.0	27.9	7.0	95.5	7.3	12.6											
							Bottom	2.8	1	22.6	8.0	27.9	7.1	96.5	7.0	11.3											
								2	22.6	8.0	27.9	7.1	96.6	7.0	10.9												
							TCE-WQM4	Fine	Calm	13:02	3.7	Surface	1.0	1	22.9	7.9				28.1	7.1	96.5	3.5	7.4	7.1	3.5	6.3
													2	22.9	7.9	28.1				7.1	96.8	3.5	7.0				
		Bottom	2.7	1	22.8	7.9	28.1					7.1	97.6	3.5	5.4												
			2	22.8	8.0	28.1	7.2					97.7	3.6	5.5													
		TCE-C1	Cloudy	Moderate	9:32	8.2	Surface					1.0	1	21.7	8.1	28.0	7.2	96.7	4.9	6.0	7.1	6.5	6.4				
												2	21.7	8.1	28.0	7.2	96.7	5.0	5.8								
		Middle					4.1	1	21.2	8.0	30.6	7.0	94.8	6.8	6.5												
							2	21.2	8.0	30.6	7.0	94.8	6.9	6.5													
		Bottom					7.2	1	21.2	8.0	31.2	7.1	96.0	7.6	6.8												
							2	21.2	8.0	31.2	7.1	96.0	7.5	6.8													
		TCE-C2	Cloudy	Moderate	7:38	12.8	Surface	1.0	1	21.5	8.0	29.7	6.5	87.9	6.7	7.9	6.5	9.2	6.3								
									2	21.5	8.0	29.8	6.5	87.8	7.2	8.1											
							Middle	6.4	1	21.2	8.0	30.8	6.5	87.1	11.1	6.3											
								2	21.2	8.0	30.8	6.5	87.1	11.1	6.6												
Bottom	11.8						1	21.2	8.0	30.8	6.5	87.3	9.8	4.9													
	2						21.2	8.0	30.8	6.5	87.4	9.4	4.2														
TCE-WQM1	Cloudy	Calm	8:48	8.0	Surface	1.0	1	22.4	8.0	28.2	6.8	91.8	5.5	9.7	6.8	5.7	8.3										
							2	22.4	8.0	28.2	6.8	91.7	5.5	9.3													
					Middle	4.0	1	22.4	8.0	28.2	6.8	91.8	5.7	8.8													
						2	22.4	8.0	28.2	6.8	91.9	5.7	8.8														
					Bottom	7.0	1	22.3	8.0	28.2	6.9	94.0	6.0	6.5													
						2	22.3	8.0	28.2	7.0	94.2	5.9	6.8														
TCE-WQM2a	Cloudy	Moderate	8:14	7.5	Surface	1.0	1	22.0	8.0	27.8	6.9	92.2	4.7	6.7	6.8	5.6	7.1										
							2	22.0	8.0	27.8	6.9	92.2	4.7	6.3													
					Middle	3.8	1	21.9	8.0	28.0	6.8	90.6	5.3	7.0													
						2	21.9	8.0	27.9	6.8	90.6	5.3	6.9														
					Bottom	6.5	1	21.8	7.9	28.7	7.1	95.1	6.7	7.9													
						2	21.8	7.9	28.7	7.1	95.3	6.7	8.0														
TCE-WQM2b	Cloudy	Moderate	8:02	11.3	Surface	1.0	1	21.8	8.0	28.2	6.7	89.3	7.7	9.4	6.7	8.3	9.2										
							2	21.8	8.0	28.2	6.7	89.4	7.7	9.5													
					Middle	5.7	1	21.8	7.9	28.4	6.8	91.3	8.8	9.1													
						2	21.8	7.9	28.4	6.8	91.4	8.9	9.1														
					Bottom	10.3	1	21.7	8.0	28.8	6.9	92.7	8.4	9.0													
						2	21.7	8.0	28.7	6.9	93.3	8.5	9.0														
TCE-WQM3A	Cloudy	Calm	8:25	3.5	Surface	1.0	1	22.1	8.0	27.9	6.9	93.1	27.3	6.9	6.9	49.0	6.3										
							2	22.1	8.0	27.9	6.9	93.1	30.0	7.2													
					Bottom	2.5	1	22.1	8.0	28.0	7.0	94.2	69.1	5.5													
						2	22.1	8.0	28.0	7.0	94.3	69.5	5.4														
					TCE-WQM4	Cloudy	Calm	8:36	3.4	Surface	1.0	1	22.1	8.0				28.0	6.9	93.1	4.5	6.4	6.9	5.0	6.8		
											2	22.1	8.0	28.0				6.9	93.3	4.6	6.1						
Bottom	2.4	1	22.1	8.0	28.1					7.0	94.5	5.5	7.3														
	2	22.1	8.0	28.1	7.1					95.4	5.5	7.5															

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)		
27-03-20	Mid-Ebb	TCE-C1	Fine	Moderate	13:02	8.2	Surface	1.0	1	22.4	8.1	24.8	7.4	97.7	3.2	4.8	7.2	4.7	5.5		
									2	22.2	8.1	24.9	7.4	97.6	3.3	4.6					
							Middle	4.1	1	21.4	8.1	30.5	7.1	95.2	5.0	5.3					
								2	21.3	8.1	30.5	7.1	95.2	5.1	5.5						
							Bottom	7.2	1	21.3	8.1	30.8	7.0	95.1	6.0	6.4					
								2	21.3	8.1	30.8	7.1	95.2	5.9	6.2						
		TCE-C2	Fine	Moderate	15:14	13.5	Surface	1.0	1	22.9	8.1	26.5	6.9	93.0	4.0	7.5	6.7	7.6	8.6		
									2	22.9	8.1	26.6	6.9	93.0	4.0	7.7					
							Middle	6.8	1	22.0	8.1	28.0	6.5	87.7	8.9	8.9					
								2	21.9	8.1	28.1	6.5	87.6	9.0	8.4						
							Bottom	12.5	1	21.4	8.1	29.9	6.4	86.4	9.7	9.6					
								2	21.4	8.1	29.9	6.4	86.4	9.9	9.6						
		TCE-WQM1	Fine	Moderate	13:53	8.6	Surface	1.0	1	22.5	8.3	27.3	6.9	93.2	11.7	15.0	6.9	12.0	17.6		
									2	22.5	8.3	27.3	6.9	93.1	11.7	14.9					
							Middle	4.3	1	22.5	8.3	27.4	6.9	93.1	12.3	18.0					
								2	22.5	8.3	27.4	6.9	93.1	12.3	17.2						
							Bottom	7.6	1	22.5	8.3	27.4	6.9	93.4	12.0	20.6					
								2	22.5	8.3	27.4	6.9	93.4	12.2	20.0						
		TCE-WQM2a	Cloudy	Moderate	14:34	7.7	Surface	1.0	1	22.6	8.2	27.1	6.7	91.1	5.9	8.4	6.7	5.7	9.3		
									2	22.6	8.2	27.1	6.7	91.1	5.9	7.9					
							Middle	3.9	1	22.1	8.2	27.8	6.6	89.0	5.8	9.0					
								2	22.1	8.2	27.8	6.6	88.9	5.8	9.4						
							Bottom	6.7	1	21.9	8.1	28.3	6.7	89.6	5.6	10.3					
								2	21.9	8.1	28.3	6.7	89.7	5.5	10.6						
		TCE-WQM2b	Fine	Moderate	14:48	11.2	Surface	1.0	1	22.9	8.1	25.1	7.0	93.5	3.9	5.4	6.8	7.7	7.1		
									2	22.9	8.1	25.1	7.0	93.5	3.9	5.8					
							Middle	5.6	1	22.2	8.1	26.6	6.7	89.6	7.7	7.3					
								2	22.2	8.1	26.6	6.7	89.6	7.7	7.2						
							Bottom	10.2	1	22.2	8.1	26.7	6.7	90.3	11.5	8.4					
								2	22.2	8.1	26.7	6.7	90.4	11.5	8.5						
		TCE-WQM3A	Cloudy	Calm	14:21	4.6	Surface	1.0	1	22.6	8.2	26.6	6.8	92.2	9.2	11.6	6.8	9.5	12.9		
									2	22.6	8.2	26.6	6.8	92.2	9.3	11.9					
							Bottom	3.6	1	22.7	8.1	26.7	6.9	93.0	9.9	14.2					
								2	22.7	8.1	26.7	6.9	93.1	9.8	13.8						
							Surface	1.0	1	23.1	8.2	27.1	6.7	92.3	9.7	7.6					
								2	23.0	8.2	27.1	6.7	91.8	5.9	8.0						
		TCE-WQM4	Fine	Calm	14:08	4.1	Surface	1.0	1	22.6	8.2	27.3	6.7	90.1	7.8	10.0	6.7	6.8	9.0		
									2	22.6	8.2	27.3	6.7	90.5	7.7	10.2					
							Bottom	3.1	1	22.6	8.2	27.3	6.7	90.1	7.8	10.0					
								2	22.6	8.2	27.3	6.7	90.5	7.7	10.2						
							Surface	1.0	1	22.0	8.2	26.0	7.1	94.0	5.7	10.5					
								2	22.0	8.2	25.9	7.1	94.2	5.8	10.0						
		27-03-20	Mid-Flood	TCE-C1	Cloudy	Moderate	10:07	7.7	Surface	1.0	1	22.0	8.2	26.0	7.1	94.0	5.7	10.5	7.0	10.9	8.5
											2	22.0	8.2	25.9	7.1	94.2	5.8	10.0			
									Middle	3.9	1	21.3	8.2	31.0	7.0	94.7	12.2	9.0			
										2	21.3	8.2	31.0	7.0	94.7	11.9	8.4				
									Bottom	6.7	1	21.2	8.2	31.3	7.0	94.8	14.7	6.7			
										2	21.2	8.2	31.3	7.0	94.8	15.0	6.1				
TCE-C2	Cloudy			Moderate	8:04	12.9	Surface	1.0	1	22.0	7.9	27.3	6.6	88.4	3.8	7.4	6.5	9.8	6.5		
									2	22.0	7.9	27.4	6.6	88.4	3.8	7.7					
							Middle	6.5	1	21.6	7.9	28.9	6.4	86.6	13.1	6.1					
								2	21.6	7.9	29.0	6.4	86.6	13.1	6.5						
							Bottom	11.9	1	21.5	7.9	29.4	6.4	86.5	12.3	5.7					
								2	21.5	7.9	29.4	6.4	86.6	12.4	5.8						
TCE-WQM1	Cloudy			Moderate	9:21	8.2	Surface	1.0	1	22.4	8.1	27.2	6.6	89.4	6.5	10.1	6.7	8.7	8.8		
									2	22.4	8.1	27.2	6.6	89.5	6.4	10.2					
							Middle	4.1	1	22.4	8.1	27.4	6.7	90.4	7.3	9.6					
								2	22.4	8.1	27.4	6.7	90.4	7.8	9.0						
							Bottom	7.2	1	22.4	8.1	27.6	6.8	91.4	11.9	7.2					
								2	22.5	8.1	27.5	6.8	91.5	12.0	6.8						
TCE-WQM2a	Cloudy			Moderate	8:43	7.5	Surface	1.0	1	22.2	8.0	26.0	6.8	90.5	5.8	7.4	6.7	8.9	8.5		
									2	22.2	8.0	26.0	6.8	90.5	5.8	7.3					
							Middle	3.8	1	22.2	8.0	26.6	6.7	89.1	8.7	8.2					
								2	22.2	8.0	26.6	6.7	89.2	9.1	8.4						
							Bottom	6.5	1	22.2	8.0	26.8	6.7	90.0	12.1	10.0					
								2	22.2	8.0	26.8	6.7	90.1	12.0	9.5						
TCE-WQM2b	Cloudy	Moderate	8:28	11.4	Surface	1.0	1	22.1	8.0	26.8	6.7	89.1	9.9	16.1	6.7	11.7	15.5				
							2	22.1	8.0	26.7	6.7	89.1	9.7	16.1							
					Middle	5.7	1	22.1	8.0	26.8	6.7	88.9	10.3	15.7							
						2	22.1	8.0	26.8	6.6	88.9	10.3	15.2								
					Bottom	10.4	1	22.0	8.0	27.2	6.7	89.1	15.1	14.7							
						2	22.0	8.0	27.1	6.7	89.3	14.8	14.9								
TCE-WQM3A	Cloudy	Moderate	8:56	4.8	Surface	1.0	1	22.2	8.1	26.6	6.8	90.4	7.4	8.6	6.8	7.5	9.8				
							2	22.2	8.1	26.6	6.8	90.4	7.4	8.6							
					Bottom	3.8	1	22.2	8.1	26.7	6.8	90.7	7.4	10.6							
						2	22.2	8.1	26.7	6.8	90.7	7.7	10.9								
					Surface	1.0	1	22.2	8.1	26.5	6.7	90.3	8.5	13.8							
						2	22.2	8.1	26.5	6.7	90.4	8.6	13.2								
TCE-WQM4	Cloudy	Moderate	9:09	3.6	Surface	1.0	1	22.2	8.1	26.6	6.8	90.5	8.9	12.6	6.8	8.8	13.0				
							2	22.2	8.1	26.6	6.8	90.5	8.9	12.6							
					Bottom	2.6	1	22.2	8.1	26.6	6.8	90.5	8.9	12.6							
						2	22.2	8.1	26.6	6.8	90.5	9.0	12.3								

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)
30-03-20	Mid-Ebb	TCE-C1	Cloudy	Rough	14:50	8.3	Surface	1.0	1	21.9	8.0	28.7	7.1	95.7	2.0	5.5	7.1	3.3	5.6
								2	2	21.9	8.0	28.7	7.1	95.6	2.1	6.5			
								4.2	1	21.9	8.0	30.1	7.1	95.9	3.8	6.4			
								2	2	21.9	8.0	30.1	7.1	95.8	3.8	5.8			
								7.3	1	21.8	8.0	32.7	6.9	94.9	4.0	4.7			
								2	2	21.8	8.0	32.7	6.9	94.9	4.1	4.6			
		TCE-C2	Cloudy	Moderate	16:42	13.4	Surface	1.0	1	22.1	8.0	25.7	6.9	92.1	1.7	4.0	6.9	3.4	4.8
								2	2	22.1	8.0	25.7	6.9	92.1	1.8	4.3			
								6.7	1	22.0	8.0	26.7	6.9	91.4	3.0	4.9			
								2	2	22.0	8.0	26.7	6.9	91.4	3.0	5.2			
								12.4	1	21.8	8.0	29.1	6.7	91.1	5.4	5.6			
								2	2	21.8	8.0	29.1	6.8	91.1	5.5	4.6			
		TCE-WQM1	Cloudy	Calm	15:33	9.0	Surface	1.0	1	21.9	8.0	28.8	6.9	93.4	4.0	5.5	6.9	5.5	5.9
								2	2	21.9	8.0	28.8	6.9	93.5	4.1	4.5			
								4.5	1	21.9	8.0	29.5	6.9	93.4	5.0	5.1			
								2	2	21.9	8.0	29.5	6.9	93.4	5.0	5.9			
								8.0	1	21.9	8.0	29.8	6.9	94.1	7.3	7.3			
								2	2	21.9	8.0	29.8	6.9	94.1	7.3	6.9			
		TCE-WQM2a	Cloudy	Moderate	16:07	7.4	Surface	1.0	1	21.9	8.0	28.6	6.7	89.6	2.4	5.0	6.6	3.5	4.7
								2	2	21.9	8.0	28.6	6.7	89.6	2.4	4.8			
								3.7	1	21.9	8.0	29.1	6.6	89.4	3.8	5.0			
								2	2	21.9	8.0	29.1	6.6	89.3	3.8	5.4			
								6.4	1	21.9	8.0	29.2	6.6	89.1	4.4	3.8			
								2	2	21.9	8.0	29.2	6.6	89.0	4.4	4.0			
TCE-WQM2b	Cloudy	Moderate	16:21	11.7	Surface	1.0	1	22.3	8.0	23.6	6.9	91.2	1.8	3.5	6.9	3.5	3.4		
						2	2	22.3	8.0	23.6	6.9	91.4	1.8	3.4					
						5.9	1	22.2	8.0	24.1	6.9	90.6	2.7	3.1					
						2	2	22.2	8.0	24.1	6.9	90.4	2.8	3.6					
						10.7	1	21.7	8.0	30.2	6.5	88.2	5.9	2.9					
						2	2	21.7	8.0	30.1	6.5	88.1	5.9	3.8					
TCE-WQM3A	Cloudy	Calm	15:56	4.3	Surface	1.0	1	21.9	8.0	28.4	6.7	89.8	4.6	8.2	6.7	4.8	7.5		
						2	2	21.9	8.0	28.4	6.7	89.9	4.5	8.0					
						3.3	1	21.9	8.0	28.5	6.8	91.2	5.0	6.4					
						2	2	21.9	8.0	28.5	6.8	91.3	5.0	7.3					
						1.0	1	21.9	8.0	28.1	6.8	90.9	3.0	4.5					
						2	2	21.9	8.0	28.1	6.8	90.8	3.0	5.3					
TCE-WQM4	Cloudy	Calm	15:45	3.5	Surface	1.0	1	22.0	8.0	28.5	6.7	90.9	5.5	6.3	6.7	4.3	5.6		
						2	2	22.0	8.0	28.5	6.8	91.0	5.6	6.2					
						2.5	1	22.0	8.0	28.5	6.7	90.9	5.5	6.3					
						2	2	22.0	8.0	28.5	6.8	91.0	5.6	6.2					
						1.0	1	21.9	8.1	28.8	7.1	95.4	2.9	4.8					
						2	2	21.9	8.1	28.8	7.1	95.6	3.0	5.2					
30-03-20	Mid-Flood	TCE-C1	Rainy	Moderate	10:11	7.9	Surface	1.0	1	21.9	8.1	28.8	7.1	96.1	6.0	6.3	7.1	6.1	5.9
								2	2	21.9	8.1	28.8	7.1	96.2	6.4	6.7			
								4.0	1	21.9	8.1	29.7	7.1	96.2	6.0	6.3			
								2	2	21.9	8.1	29.7	7.1	96.2	6.4	6.7			
								6.9	1	21.8	8.1	31.4	7.0	96.3	9.0	6.5			
								2	2	21.8	8.1	31.4	7.0	96.1	9.1	6.1			
		TCE-C2	Rainy	Moderate	8:16	13.8	Surface	1.0	1	21.8	7.9	29.0	6.7	90.1	1.0	5.1	6.6	2.1	4.2
								2	2	21.8	7.9	29.0	6.7	90.1	1.0	4.1			
								6.9	1	21.8	7.9	29.7	6.6	88.9	1.5	3.8			
								2	2	21.8	7.9	29.7	6.6	88.9	1.5	4.5			
								12.8	1	21.6	7.9	31.8	6.5	88.3	3.9	3.5			
								2	2	21.6	7.9	31.8	6.5	88.3	3.9	4.4			
		TCE-WQM1	Rainy	Calm	9:30	9.2	Surface	1.0	1	21.8	8.0	27.8	6.8	91.5	4.8	11.3	6.8	5.9	11.0
								2	2	21.8	8.0	27.8	6.8	91.4	4.8	11.8			
								4.6	1	22.0	8.0	28.1	6.9	92.2	6.1	10.9			
								2	2	22.0	8.0	28.1	6.9	92.3	6.2	11.2			
								8.2	1	22.1	8.1	28.5	6.9	93.0	6.6	11.0			
								2	2	22.1	8.1	28.5	6.9	92.9	6.7	10.0			
		TCE-WQM2a	Rainy	Rough	8:55	7.4	Surface	1.0	1	21.9	8.0	28.3	6.8	91.1	1.2	4.1	6.7	3.3	4.2
								2	2	21.9	8.0	28.3	6.8	91.1	1.2	4.6			
								3.7	1	21.9	8.0	28.6	6.7	89.9	2.5	4.6			
								2	2	21.9	8.0	28.6	6.7	90.0	2.6	4.1			
								6.4	1	21.9	8.0	29.1	6.7	90.4	6.2	3.9			
								2	2	21.9	8.0	29.1	6.7	90.4	6.2	3.7			
TCE-WQM2b	Rainy	Moderate	8:41	11.5	Surface	1.0	1	22.0	8.0	28.2	6.7	90.2	2.0	5.5	6.7	3.3	4.9		
						2	2	22.0	8.0	28.2	6.7	90.2	2.0	4.5					
						5.8	1	21.9	8.0	28.9	6.6	89.5	3.0	4.4					
						2	2	21.9	8.0	28.9	6.6	89.5	3.0	5.3					
						10.5	1	21.9	8.0	29.3	6.6	88.9	4.9	4.7					
						2	2	21.9	8.0	29.3	6.6	88.9	5.0	5.2					
TCE-WQM3A	Rainy	Calm	9:07	4.1	Surface	1.0	1	21.8	8.0	28.3	6.6	89.1	1.5	3.5	6.6	4.2	3.1		
						2	2	21.8	8.0	28.3	6.6	89.0	1.6	3.8					
						3.1	1	21.9	8.0	28.8	6.4	86.9	6.9	2.6					
						2	2	21.9	8.0	28.8	6.4	86.9	6.9	2.6					
						1.0	1	21.9	8.0	28.4	6.7	90.7	3.7	3.6					
						2	2	21.9	8.0	28.4	6.7	90.7	3.8	4.2					
TCE-WQM4	Rainy	Calm	9:18	3.3	Surface	1.0	1	21.9	8.0	28.4	6.7	90.7	3.7	3.6	6.7	4.9	3.8		
						2	2	21.9	8.0	28.4	6.7	90.7	3.8	4.2					
						2.3	1	21.9	8.1	28.6	6.8	92.0	6.0	3.5					
						2	2	21.9	8.1	28.6	6.8	92.0	5.9	3.7					