

Annex G3

## Monitoring Results for Water Quality

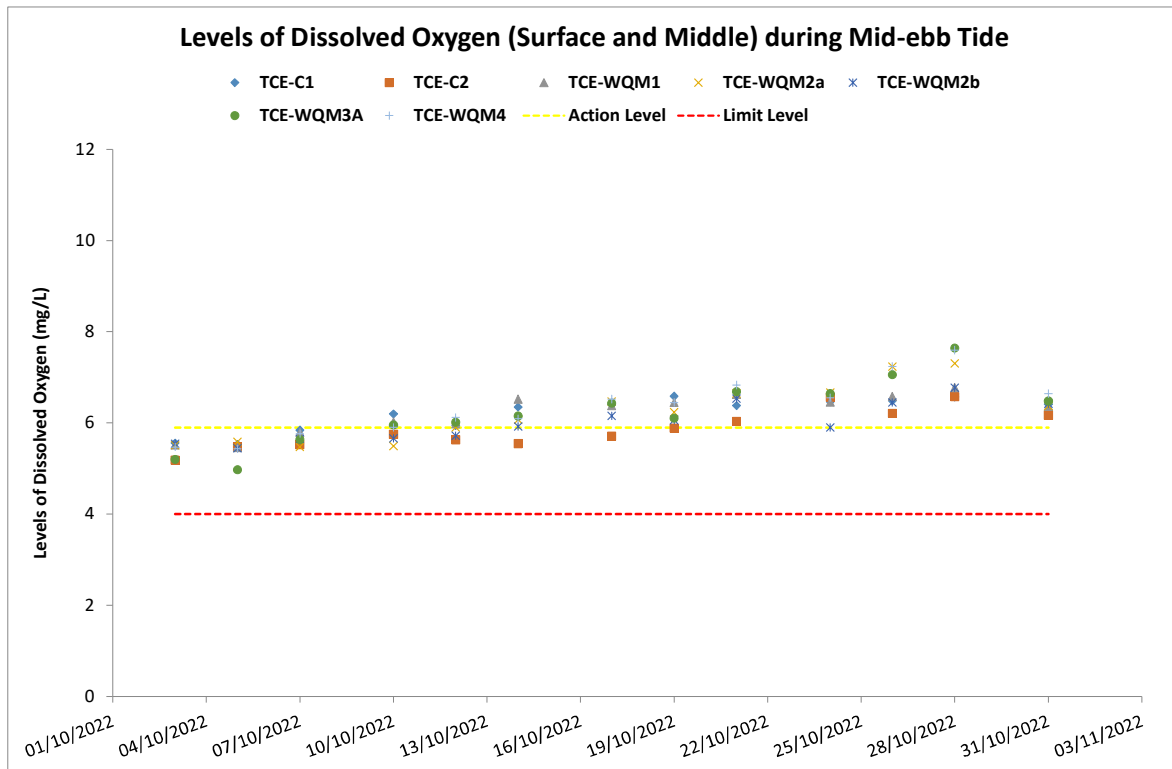


Figure 1: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 31 October 2022

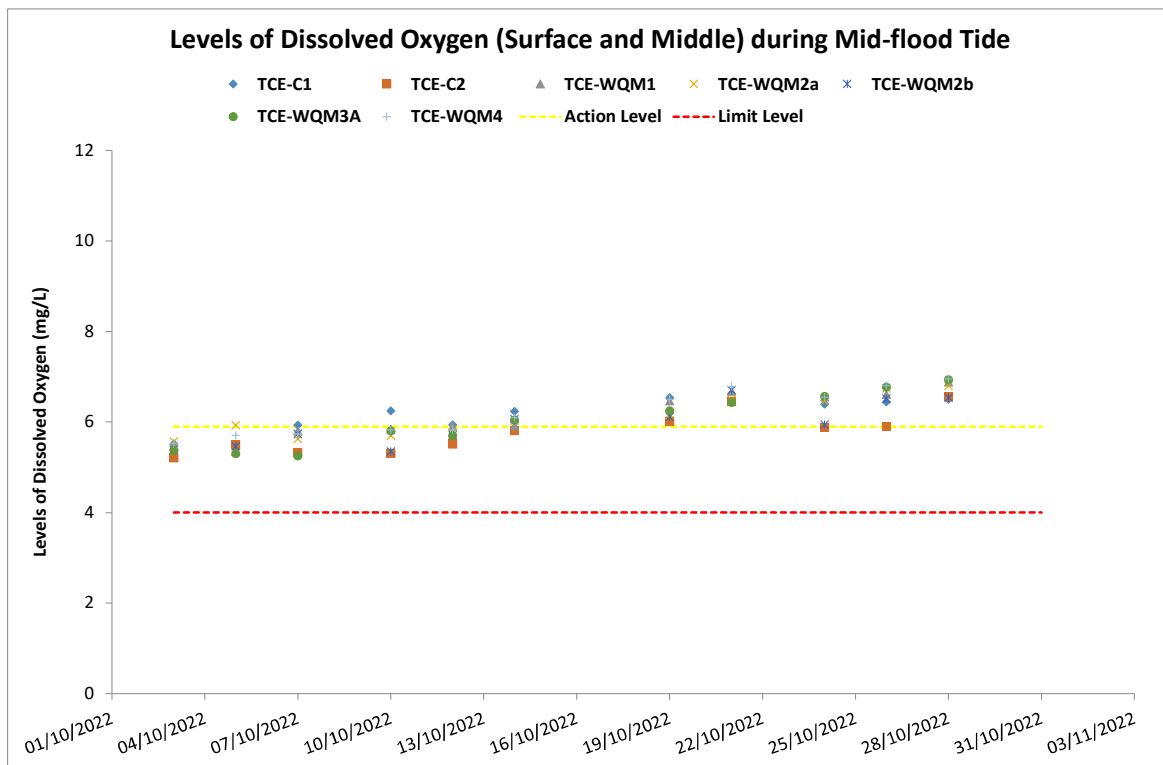


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 October 2022

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

**Environmental Resources Management**



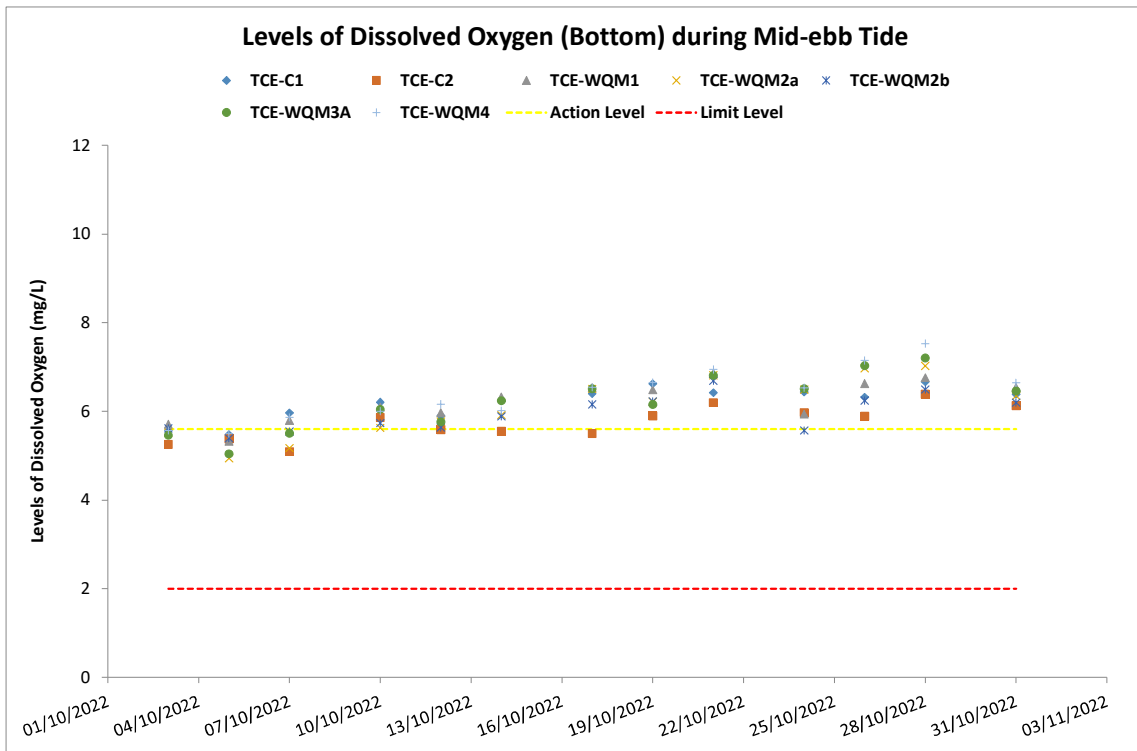


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 31 October 2022

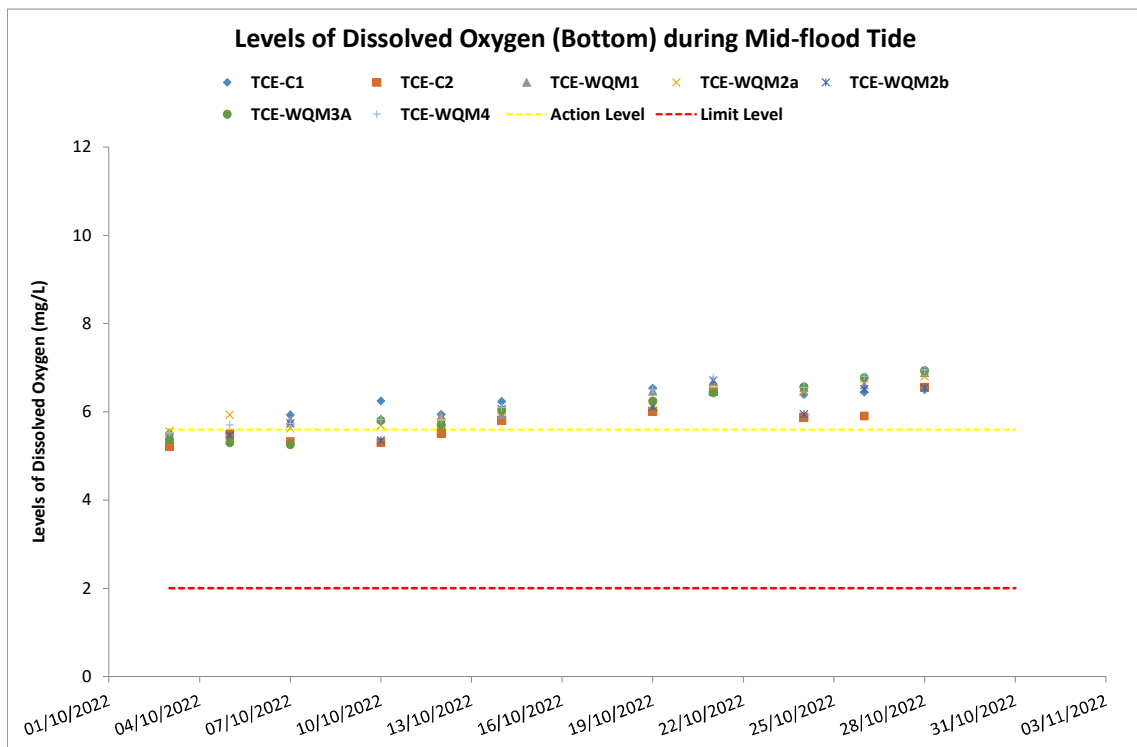


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 October 2022

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

**Environmental  
 Resources  
 Management**



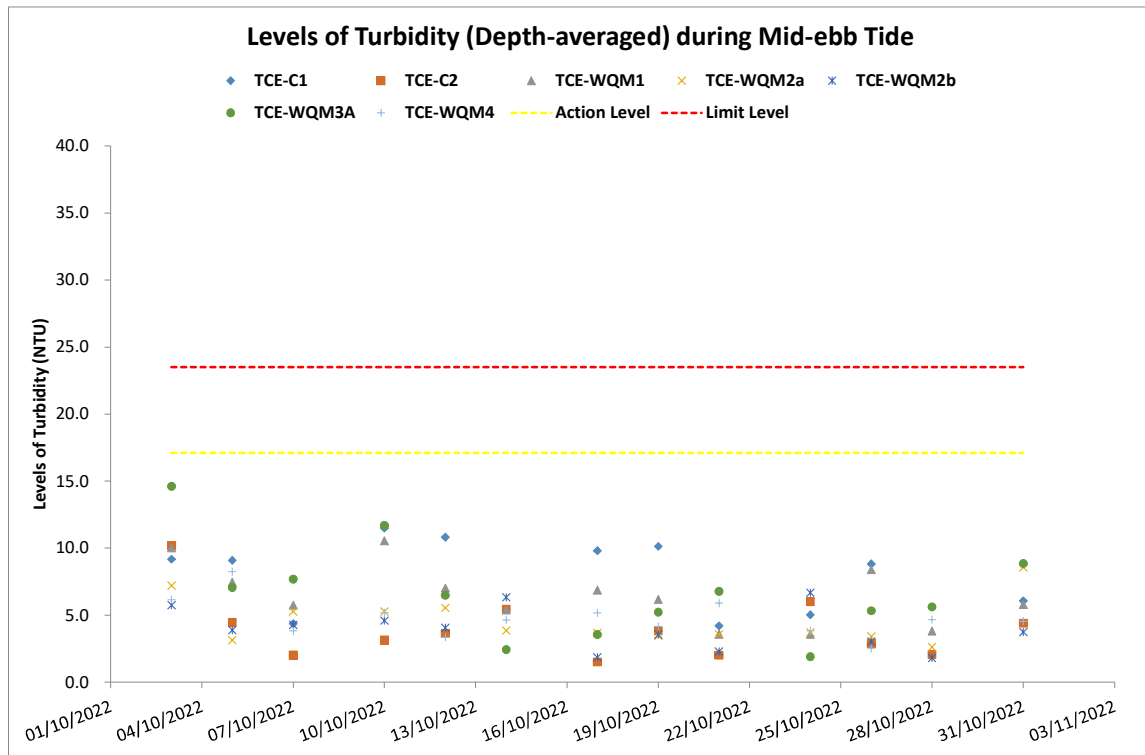


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 31 October 2022

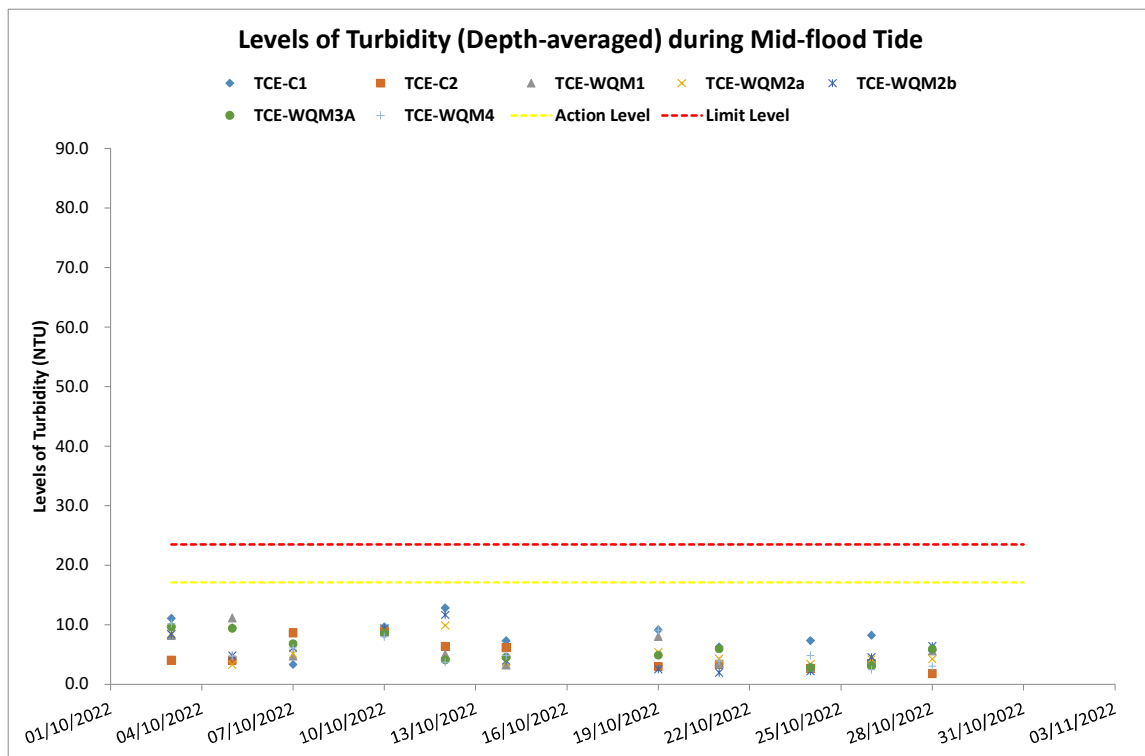


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 October 2022

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

**Environmental  
 Resources  
 Management**



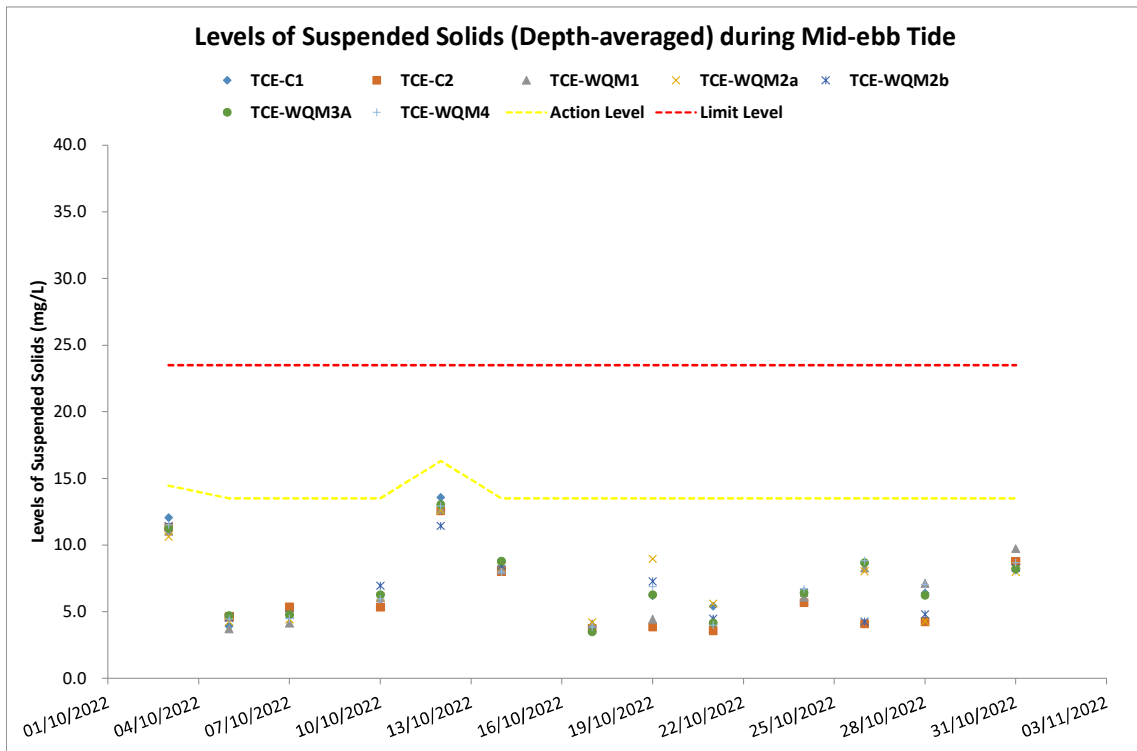


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 31 October 2022

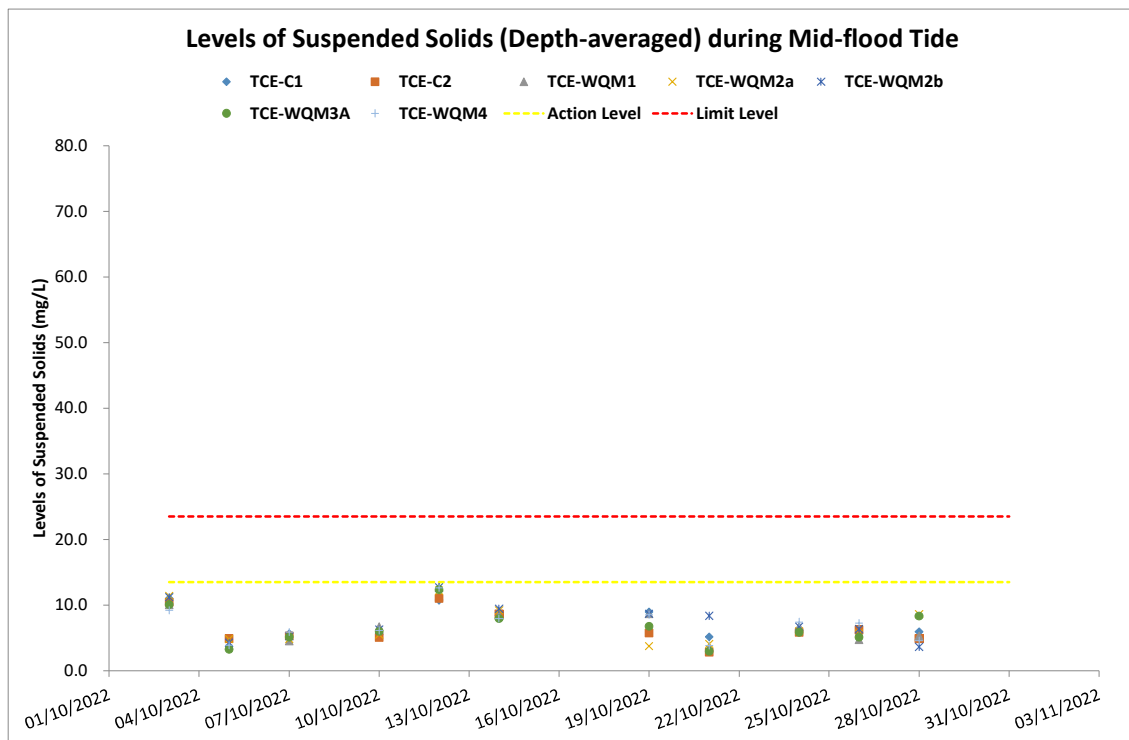


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 31 October 2022

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

**Environmental  
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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)		
2022-10-03	Mid-Ebb	TCE-C1	Cloudy	Moderate	7:36	8.5	Surface	1.0	1	28.2	8.2	30.8	5.6	85.2	8.6	13.4	5.6	9.2	12.1		
									2	28.2	8.2	30.8	5.6	85.1	8.6	12.0					
							Middle	4.3	1	28.0	8.2	31.5	5.5	84.0	10.1	12.4					
									2	28.0	8.2	31.5	5.5	84.0	10.2	11.6					
							Bottom	7.5	1	28.0	8.2	31.5	5.6	84.7	8.6	11.8					
									2	28.0	8.2	31.5	5.6	84.8	8.8	11.1					
		TCE-C2	Cloudy	Moderate	5:53	13.6	Surface	1.0	1	28.1	8.1	31.1	5.2	79.1	8.1	10.8	5.2	10.2	11.3		
									2	28.1	8.1	31.1	5.2	79.0	8.3	11.3					
							Middle	6.8	1	28.0	8.1	31.2	5.2	78.8	11.6	11.4					
									2	28.0	8.1	31.2	5.2	78.8	11.7	11.2					
							Bottom	12.6	1	28.0	8.1	31.3	5.3	79.9	10.6	11.1					
									2	28.0	8.1	31.3	5.3	80.0	10.7	12.1					
		TCE-WQM1	Cloudy	Moderate	7:02	8.1	Surface	1.0	1	28.1	8.1	31.5	5.5	83.8	6.1	9.7	5.5	10.0	11.0		
									2	28.1	8.1	31.5	5.5	83.7	6.4	10.9					
							Middle	4.1	1	27.9	8.1	31.7	5.5	84.2	10.9	10.9					
									2	27.9	8.1	31.7	5.6	84.5	11.3	11.1					
							Bottom	7.1	1	27.9	8.1	31.8	5.7	86.6	12.7	11.6					
									2	27.9	8.1	31.8	5.7	87.2	12.8	12.0					
		TCE-WQM2a	Cloudy	Moderate	6:32	6.7	Surface	1.0	1	28.3	8.1	31.0	5.5	84.5	3.3	11.0	5.5	7.2	10.6		
									2	28.3	8.1	31.0	5.5	84.5	3.3	10.8					
							Middle	3.4	1	28.1	8.1	31.2	5.5	83.3	8.6	10.6					
									2	28.1	8.1	31.2	5.5	83.5	8.8	11.0					
							Bottom	5.7	1	28.1	8.1	31.3	5.5	83.9	10.2	9.6					
									2	28.1	8.1	31.3	5.5	84.0	9.1	10.7					
	TCE-WQM2b	Cloudy	Moderate	6:21	11.2	Surface	1.0	1	28.4	8.1	30.0	5.6	84.4	3.7	11.3	5.5	5.8	11.4			
								2	28.4	8.1	30.0	5.6	84.4	3.7	11.3						
						Middle	5.6	1	28.4	8.1	30.3	5.5	84.2	5.1	11.9						
								2	28.4	8.1	30.3	5.5	84.2	5.3	11.2						
						Bottom	10.2	1	28.3	8.1	30.6	5.6	85.4	8.5	11.4						
								2	28.3	8.1	30.6	5.6	85.5	8.3	11.4						
	TCE-WQM3A	Cloudy	Moderate	6:43	4.2	Surface	1.0	1	28.2	8.1	30.6	5.2	78.9	12.4	11.5	5.2	14.6	11.3			
								2	28.2	8.1	30.6	5.2	79.1	12.4	11.4						
						Bottom	3.2	1	28.1	8.1	30.8	5.5	82.8	17.0	11.2						
								2	28.1	8.1	30.8	5.5	83.2	16.7	10.9						
						Surface	1.0	1	28.1	8.1	31.0	5.5	83.2	5.0	11.6				5.5	6.1	11.5
								2	28.1	8.1	31.0	5.5	83.3	5.3	11.4						
	Bottom	2.2	1	28.1	8.1	31.1	5.6	84.5	7.2	11.7											
			2	28.1	8.1	31.1	5.6	84.8	7.1	11.3											
	Surface	1.0	1	28.2	8.2	30.8	5.6	84.7	8.4	10.8	5.5	11.1	11.0								
			2	28.1	8.2	30.9	5.6	84.5	8.5	10.4											
	Middle	4.3	1	28.0	8.2	31.5	5.5	83.2	10.5	11.0											
			2	28.0	8.2	31.5	5.5	83.2	10.6	11.5											
	Bottom	7.6	1	28.0	8.2	31.5	5.5	83.2	14.1	11.6											
			2	28.0	8.2	31.5	5.5	83.2	14.4	10.8											
	TCE-C2	Cloudy	Moderate	19:06	13.6	Surface	1.0	1	28.3	8.1	31.1	5.3	80.8	2.7	10.0	5.2	4.0	10.5			
								2	28.3	8.1	31.2	5.3	80.6	2.8	10.8						
						Middle	6.8	1	28.1	8.1	31.7	5.1	78.5	3.9	10.8						
								2	28.1	8.1	31.8	5.1	78.5	4.0	10.6						
Bottom						12.6	1	28.0	8.1	32.1	5.3	80.2	5.6	10.4							
							2	28.0	8.1	32.1	5.3	80.4	5.4	10.1							
TCE-WQM1	Cloudy	Moderate	17:53	8.2	Surface	1.0	1	28.6	8.2	31.1	5.4	82.9	7.6	11.0	5.5	8.2	10.1				
							2	28.6	8.2	31.1	5.4	83.2	7.8	10.6							
					Middle	4.1	1	28.4	8.2	31.2	5.5	84.4	8.4	10.2							
							2	28.4	8.2	31.2	5.5	84.6	8.5	10.7							
					Bottom	7.2	1	28.3	8.2	31.2	5.6	84.9	8.4	9.3							
							2	28.3	8.2	31.2	5.6	84.9	8.4	8.5							
TCE-WQM2a	Cloudy	Moderate	18:26	7.2	Surface	1.0	1	28.7	8.1	30.6	5.7	87.5	3.8	11.0	5.6	8.5	11.4				
							2	28.7	8.1	30.6	5.7	87.5	3.8	11.5							
					Middle	3.6	1	28.2	8.1	30.8	5.4	82.5	10.5	11.6							
							2	28.2	8.1	30.8	5.4	82.6	11.1	11.5							
					Bottom	6.2	1	28.1	8.1	31.0	5.5	83.7	10.9	11.3							
							2	28.1	8.1	31.0	5.5	83.9	10.8	11.6							
TCE-WQM2b	Cloudy	Moderate	18:38	11.2	Surface	1.0	1	28.5	8.1	30.9	5.4	82.4	5.9	10.4	5.4	8.4	11.2				
							2	28.5	8.1	30.9	5.4	82.4	5.9	10.8							
					Middle	5.6	1	28.2	8.1	30.9	5.4	81.8	9.8	11.6							
							2	28.2	8.1	30.9	5.4	81.8	9.1	11.4							
					Bottom	10.2	1	28.2	8.1	30.9	5.5	83.2	9.9	11.2							
							2	28.2	8.1	30.9	5.5	83.3	9.8	11.9							
TCE-WQM3A	Cloudy	Moderate	18:16	4.3	Surface	1.0	1	28.4	8.1	30.8	5.4	81.8	8.3	9.6	5.4	9.6	10.1				
							2	28.4	8.1	30.7	5.4	82.0	8.9	9.8							
					Bottom	3.3	1	28.4	8.1	30.7	5.6	85.1	10.6	10.7							
							2	28.4	8.1	30.7	5.6	85.2	10.7	10.2							
					Surface	1.0	1	28.3	8.1	31.0	5.5	84.2	9.4	9.4				5.5	10.1	9.2	
							2	28.3	8.1	31.0	5.5	84.5	9.6	9.3							
Bottom	2.4	1	28.2	8.1	31.0	5.6	85.9	10.7	9.6												
		2	28.2	8.1	31.0	5.6	86.0	10.9	8.6												

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)	Turbidity (NTU)	SS (mg/L)		
2022-10-05	Mid-Ebb	TCE-C1	Cloudy	Moderate	10:12	8.7	Surface	1.0	1	28.7	8.2	31.1	5.7	87.2	3.5	4.3	5.5	9.1	3.9		
									2	28.7	8.2	31.1	5.7	87.1	3.5	4.8					
							Middle	4.4	1	28.2	8.2	32.6	5.4	82.7	9.4	3.7					
									2	28.2	8.2	32.6	5.4	82.9	9.6	4.0					
							Bottom	7.7	1	28.2	8.2	32.6	5.5	84.1	14.2	3.6					
									2	28.2	8.2	32.6	5.5	84.2	14.5	3.1					
		TCE-C2	Cloudy	Moderate	8:24	13.1	Surface	1.0	1	28.8	8.0	29.2	5.6	84.8	2.4	4.2	5.5	4.5	4.6		
									2	28.8	8.0	29.2	5.6	84.5	2.6	4.0					
							Middle	6.6	1	28.7	8.0	29.8	5.4	82.0	5.1	4.6					
									2	28.7	8.0	29.8	5.4	82.0	5.2	4.4					
							Bottom	12.1	1	28.7	8.0	29.9	5.4	82.1	5.7	5.0					
									2	28.7	8.0	29.9	5.4	82.1	5.7	5.4					
		TCE-WQM1	Cloudy	Moderate	9:44	7.6	Surface	1.0	1	29.0	8.1	30.4	5.6	85.9	2.1	3.2	5.5	7.5	3.7		
									2	29.0	8.1	30.4	5.6	85.8	2.1	3.0					
							Middle	3.8	1	28.8	8.1	30.7	5.3	82.0	5.8	3.8					
									2	28.8	8.1	30.8	5.3	81.7	6.0	3.6					
							Bottom	6.6	1	28.6	8.1	30.9	5.3	81.5	14.4	4.5					
									2	28.6	8.1	30.9	5.3	81.8	14.3	4.1					
		TCE-WQM2a	Cloudy	Moderate	9:14	6.7	Surface	1.0	1	28.6	8.1	29.9	5.6	85.8	1.2	3.2	5.6	3.1	4.3		
									2	28.6	8.1	29.9	5.6	85.8	1.2	3.7					
							Middle	3.4	1	28.6	8.1	30.0	5.5	84.5	1.5	4.5					
									2	28.6	8.1	30.0	5.5	84.4	1.4	4.2					
							Bottom	5.7	1	28.6	8.0	31.0	5.0	75.9	6.5	4.8					
									2	28.6	8.0	31.0	4.9	75.6	7.1	5.1					
		TCE-WQM2b	Cloudy	Moderate	9:02	11.0	Surface	1.0	1	28.8	8.0	29.2	5.5	84.2	2.4	5.0	5.4	3.9	4.5		
									2	28.7	8.0	29.3	5.5	83.9	2.5	5.4					
							Middle	5.5	1	28.7	8.0	29.8	5.4	81.9	4.1	4.7					
									2	28.7	8.0	29.8	5.4	81.9	4.2	4.4					
							Bottom	10.0	1	28.7	8.0	29.8	5.4	82.2	5.1	3.7					
									2	28.7	8.0	29.8	5.4	82.4	5.0	4.0					
		TCE-WQM3A	Cloudy	Moderate	9:24	4.2	Surface	1.0	1	28.5	8.0	30.3	5.0	75.7	7.1	5.0	5.0	7.1	4.7		
									2	28.5	8.0	30.3	5.0	75.8	7.1	5.2					
							Bottom	3.2	1	28.5	8.0	30.3	5.0	76.9	7.0	4.5					
		TCE-WQM4	Cloudy	Moderate	9:33	3.2	Surface	1.0	1	29.0	8.0	30.6	5.4	83.7	6.4	4.6	5.4	8.2	4.5		
									2	29.0	8.0	30.6	5.4	83.7	6.2	4.7					
							Bottom	2.2	1	29.0	8.1	30.5	5.5	84.5	10.2	4.2					
		2022-10-05	Mid-Flood	TCE-C1	Cloudy	Moderate	15:25	8.5	Surface	1.0	1	28.4	8.2	31.9	5.6	85.7	8.2	4.5	5.4	9.5	3.7
											2	28.4	8.2	32.0	5.6	85.5	8.5	4.2			
									Middle	4.3	1	28.2	8.2	32.6	5.3	81.2	9.3	3.8			
											2	28.2	8.2	32.6	5.3	81.2	9.4	3.5			
									Bottom	7.5	1	28.2	8.2	32.7	5.3	81.6	10.7	3.0			
											2	28.2	8.2	32.7	5.3	81.6	10.9	3.3			
				TCE-C2	Cloudy	Moderate	17:21	13.7	Surface	1.0	1	29.0	8.1	29.3	5.8	88.1	1.6	4.0	5.5	4.1	4.9
											2	28.9	8.1	29.4	5.8	87.8	2.0	4.4			
									Middle	6.9	1	28.6	8.1	30.0	5.2	79.8	3.7	5.0			
											2	28.6	8.1	30.0	5.2	79.8	3.7	4.7			
									Bottom	12.7	1	28.4	8.1	31.2	5.0	76.7	6.8	5.4			
											2	28.4	8.1	31.2	5.0	77.2	6.7	5.8			
TCE-WQM1	Cloudy			Moderate	16:18	8.4	Surface	1.0	1	29.0	8.1	30.4	5.4	83.2	9.5	3.1	5.3	11.2	3.9		
									2	29.0	8.1	30.5	5.4	82.9	9.5	3.5					
							Middle	4.2	1	28.8	8.1	30.6	5.3	81.2	13.4	3.8					
									2	28.8	8.1	30.6	5.3	81.1	13.2	4.1					
							Bottom	7.4	1	28.6	8.2	30.7	5.3	80.9	10.6	4.3					
									2	28.6	8.2	30.7	5.3	81.0	10.8	4.4					
TCE-WQM2a	Cloudy			Moderate	16:48	7.7	Surface	1.0	1	29.0	8.1	29.3	6.0	91.5	1.3	4.5	5.9	3.3	4.9		
									2	29.0	8.1	29.3	6.0	91.5	1.3	4.3					
							Middle	3.9	1	29.0	8.1	29.4	5.9	90.2	1.3	4.7					
									2	28.9	8.1	29.5	5.9	89.6	1.4	4.9					
							Bottom	6.7	1	28.9	8.1	30.1	5.7	87.5	7.1	5.2					
									2	28.9	8.1	30.1	5.7	87.4	7.5	5.5					
TCE-WQM2b	Cloudy			Moderate	16:59	10.9	Surface	1.0	1	29.2	8.1	28.9	5.5	84.0	2.3	3.6	5.5	4.8	4.3		
									2	29.2	8.1	28.9	5.5	84.0	2.3	3.8					
							Middle	5.5	1	28.9	8.1	29.4	5.4	82.9	5.0	4.4					
									2	28.9	8.1	29.4	5.4	82.9	5.1	4.0					
							Bottom	9.9	1	28.8	8.1	29.5	5.5	83.6	6.4	5.2					
									2	28.8	8.1	29.5	5.5	83.9	7.8	4.8					
TCE-WQM3A	Cloudy			Moderate	16:38	4.4	Surface	1.0	1	28.9	8.0	30.0	5.3	81.2	7.1	3.8	5.3	9.4	3.3		
									2	28.9	8.0	30.1	5.3	81.2	7.0	3.4					
							Bottom	3.4	1	28.5	8.0	30.8	4.8	74.0	12.0	2.8					
TCE-WQM4	Cloudy			Moderate	16:27	3.6	Surface	1.0	1	29.0	8.1	30.2	5.7	87.8	3.0	4.7	5.7	4.7	3.9		
									2	29.0	8.1	30.3	5.7	87.6	3.2	4.3					
							Bottom	2.6	1	29.0	8.1	30.6	5.7	88.3	6.3	3.1					
				2	29.0	8.1	30.6	5.8	88.9	6.3	3.5										

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)		
2022-10-07	Mid-Ebb	TCE-C1	Sunny	Rough	12:13	8.6	Surface	1.0	1	28.8	8.1	30.9	5.8	86.9	3.1	5.8	5.8	4.4	4.8		
									2	28.8	8.1	30.9	5.8	86.9	3.1	5.4					
							Middle	4.3	1	28.6	8.1	31.5	5.9	87.4	3.7	4.9					
							Bottom	7.6	1	28.6	8.1	31.5	5.9	87.4	3.7	4.6					
						2	28.5	8.2	32.6	6.0	88.5	6.4	4.1	6.0							
				2	28.5	8.2	32.6	6.0	88.5	6.4	3.8										
		Surface	1.0	1	28.4	8.0	31.1	5.8	86.8	1.3	5.8										
				2	28.4	8.0	31.1	5.8	86.7	1.3	6.2										
				Middle	7.6	1	28.4	8.0	32.2	5.3	80.8	1.5	5.5	5.5	2.0	5.4					
				2	28.4	8.0	32.2	5.3	80.9	1.4	5.1										
		Bottom	14.1	1	28.3	7.9	32.9	5.1	78.5	3.4	4.9										
				2	28.3	7.9	32.9	5.1	78.6	3.4	4.6										
				TCE-WQM1	Sunny	Moderate	11:27	10.6	Surface	1.0	1	29.0	8.1	31.0	5.8	86.0	3.2	3.1	5.8	5.8	4.1
						2	29.0	8.1	31.0	5.8	86.1	3.2	3.4								
				Middle	5.3	1	28.6	8.1	31.5	5.8	85.1	4.7	3.9								
				2	28.6	8.1	31.5	5.8	85.1	4.7	4.2										
				Bottom	9.6	1	28.5	8.2	32.1	5.8	85.6	9.4	4.9	5.8							
						2	28.5	8.2	32.1	5.8	85.7	9.4	5.3								
				Surface	1.0	1	28.7	8.1	30.7	5.5	82.7	4.1	5.9								
						2	28.7	8.1	30.7	5.5	82.7	4.1	5.4								
				Middle	3.8	1	28.6	8.1	30.8	5.5	81.1	4.0	4.0	5.5	5.3	4.4					
				2	28.6	8.1	30.8	5.4	80.9	3.9	4.4										
		Bottom	6.6	1	28.4	8.1	32.0	5.2	77.0	7.8	3.6										
				2	28.4	8.1	32.0	5.2	77.3	7.9	3.3										
			TCE-WQM2b	Sunny	Rough	10:28	11.6	Surface	1.0	1	28.6	8.1	30.5	5.7	83.8	3.6	4.4	5.6	4.3	4.8	
					2	28.6	8.1	30.5	5.7	83.8	3.6	4.1									
	Middle	5.8	1	28.6	8.1	30.5	5.6	83.3	3.9	4.8											
			2	28.6	8.1	30.5	5.6	83.3	3.9	4.6											
			Bottom	10.6	1	28.6	8.1	30.8	5.5	82.9	5.4	5.2	5.5								
					2	28.6	8.1	30.9	5.6	83.0	5.4	5.6									
	Surface	1.0	1	28.6	8.1	30.5	5.6	83.5	5.9	5.3											
			2	28.6	8.1	30.5	5.6	83.5	5.9	5.0											
			Bottom	4.2	1	28.6	8.1	30.7	5.5	82.0	9.4	4.2	5.5	7.7	4.8						
					2	28.6	8.1	30.7	5.5	82.1	9.5	4.6									
	Surface	1.0	1	28.9	8.1	30.7	5.8	86.7	3.8	4.1											
			2	28.9	8.1	30.7	5.8	86.7	3.9	4.3											
			Bottom	3.7	1	29.0	8.1	30.7	5.9	87.4	3.8	4.9	5.9	3.8	4.5						
					2	29.0	8.1	30.7	5.9	87.4	3.8	4.6									
	Surface	1.0	1	29.1	8.1	30.9	5.9	88.0	3.3	5.1											
			2	29.1	8.1	30.9	5.9	88.0	3.4	5.4											
			Middle	4.0	1	29.0	8.1	31.0	5.9	88.1	3.5	5.5	5.9	3.3	5.7						
			2	28.9	8.2	31.0	6.0	88.1	3.5	5.8											
	Bottom	6.9	1	28.7	8.2	31.3	5.9	87.9	3.1	6.2											
			2	28.7	8.2	31.3	5.9	87.9	3.1	6.0											
			TCE-C2	Fine	Rough	18:46	14.3	Surface	1.0	1	28.7	8.1	30.9	5.4	82.5	6.6	6.2	5.3	8.6	5.3	
					2	28.7	8.1	30.9	5.4	82.3	6.6	5.8									
	Middle	7.2	1	28.5	8.1	31.1	5.3	81.1	8.6	5.5											
			2	28.5	8.1	31.1	5.3	81.1	8.6	5.2											
		Bottom	13.3	1	28.5	8.1	31.1	5.3	81.8	10.6	4.8	5.3									
				2	28.5	8.1	31.1	5.4	81.9	10.6	4.5										
Surface	1.0	1	29.0	8.1	31.0	5.8	86.4	2.6	3.9												
		2	29.0	8.1	31.0	5.8	86.4	2.6	3.6												
		Middle	4.8	1	28.9	8.1	31.1	5.8	86.2	3.4	4.4	5.8	4.7	4.6							
		2	29.0	8.1	31.1	5.8	86.3	3.4	4.1												
Bottom	8.6	1	28.5	8.2	32.1	5.7	85.2	8.2	5.8												
		2	28.5	8.2	32.1	5.7	85.2	8.2	5.5												
		TCE-WQM2a	Fine	Moderate	18:03	6.9	Surface	1.0	1	28.9	8.1	30.7	5.7	85.5	3.1	5.3	5.6	5.1	4.8		
				2	28.9	8.1	30.7	5.7	85.5	3.1	5.7										
Middle	3.5	1	28.8	8.1	30.7	5.6	83.9	3.8	4.8												
		2	28.8	8.0	30.7	5.5	83.7	3.9	5.1												
		Bottom	5.9	1	28.5	8.0	31.5	5.2	78.1	8.5	3.9	5.2									
				2	28.5	8.0	31.4	5.2	78.1	8.5	4.2										
Surface	1.0	1	29.0	8.1	30.3	5.8	87.2	2.1	6.1												
		2	29.0	8.1	30.3	5.8	87.1	2.1	5.8												
		Middle	5.4	1	28.7	8.1	30.6	5.7	84.4	6.5	5.3	5.7	6.1	5.3							
		2	28.7	8.1	30.6	5.7	84.4	6.5	5.0												
Bottom	9.8	1	28.6	8.1	30.8	5.6	83.6	9.8	4.5												
		2	28.6	8.1	30.8	5.6	83.6	9.8	4.8												
		TCE-WQM3A	Fine	Moderate	17:51	4.2	Surface	1.0	1	28.9	8.1	30.7	5.3	78.5	5.7	5.8	5.3	6.8	5.2		
				2	28.9	8.1	30.7	5.3	78.5	5.8	5.4										
Bottom	3.2	1	28.7	8.1	30.8	4.8	71.5	7.9	4.9												
		2	28.7	8.1	30.8	4.8	71.5	7.9	4.5												
		TCE-WQM4	Fine	Moderate	17:40	4.9	Surface	1.0	1	28.9	8.1	30.7	5.7	85.6	5.4	6.9	5.7	6.1	5.9		
				2	28.9	8.1	30.7	5.8	85.7	5.5	7.2										
Bottom	3.9	1	28.9	8.1	30.7	5.8	87.4	6.7	5.6												
		2	28.9	8.1	30.7	5.8	87.5	6.8	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)							
2022-10-10	Mid-Ebb	TCE-C1	Cloudy	Moderate	11:29	8.2	Surface	1.0	1	27.5	8.2	34.2	6.2	95.1	12.6	5.2	6.2	11.5	5.5							
									2	27.5	8.2	34.2	6.2	95.0	12.6	4.6										
							Middle	4.1	1	27.5	8.2	34.2	6.2	94.9	11.0	5.7										
									2	27.5	8.2	34.2	6.2	94.9	11.4	5.6										
							Bottom	7.2	1	27.5	8.2	34.2	6.2	95.1	10.9	6.0										
									2	27.5	8.2	34.2	6.2	95.2	10.5	5.6										
		TCE-C2	Cloudy	Moderate	13:08	14.2	Surface	1.0	1	27.7	8.1	32.3	5.8	88.3	3.6	5.3	5.8	3.2	5.3							
									2	27.7	8.1	32.3	5.8	88.3	3.6	5.6										
							Middle	7.1	1	27.9	8.1	33.1	5.7	87.2	2.8	4.8										
									2	27.9	8.1	33.1	5.7	87.6	2.9	4.9										
							Bottom	13.2	1	27.9	8.2	33.2	5.9	89.8	3.0	5.4										
									2	27.9	8.2	33.2	5.9	90.1	3.0	6.0										
		TCE-WQM1	Cloudy	Moderate	12:05	8.4	Surface	1.0	1	27.6	8.2	32.1	6.0	91.1	11.0	6.7	6.0	10.5	6.1							
									2	27.6	8.2	32.1	6.0	91.2	11.0	6.3										
							Middle	4.2	1	27.6	8.2	32.1	6.0	91.4	9.7	6.3										
									2	27.6	8.2	32.1	6.0	91.5	9.3	4.8										
							Bottom	7.4	1	27.6	8.2	32.1	6.1	92.4	11.2	5.8										
									2	27.6	8.2	32.1	6.1	92.5	11.1	6.4										
		TCE-WQM2a	Cloudy	Moderate	12:35	7.7	Surface	1.0	1	28.0	8.1	32.4	5.5	83.7	4.8	7.0	5.5	5.3	6.1							
									2	28.0	8.1	32.4	5.5	83.7	4.8	5.5										
							Middle	3.9	1	28.0	8.1	32.4	5.5	84.2	5.1	5.7										
									2	28.0	8.1	32.4	5.5	84.3	5.2	5.6										
							Bottom	6.7	1	28.0	8.1	32.8	5.6	86.1	5.9	6.8										
									2	28.0	8.1	32.8	5.6	86.5	5.9	6.2										
	TCE-WQM2b	Cloudy	Moderate	12:46	10.9	Surface	1.0	1	27.9	8.1	32.4	5.7	86.4	3.7	7.2	5.7	4.6	7.0								
								2	27.9	8.1	32.4	5.7	86.3	3.7	8.7											
						Middle	5.5	1	27.9	8.1	33.0	5.7	86.8	4.8	6.3											
								2	28.0	8.1	33.1	5.7	86.9	4.9	7.0											
						Bottom	9.9	1	28.0	8.1	33.3	5.7	88.0	5.3	6.1											
								2	28.0	8.1	33.3	5.8	88.4	5.3	6.4											
	TCE-WQM3A	Cloudy	Moderate	12:25	4.9	Surface	1.0	1	27.6	8.1	31.6	6.0	90.0	11.0	5.6	6.0	11.7	6.3								
								2	27.6	8.1	31.6	6.0	90.2	11.1	6.2											
						Bottom	3.9	1	27.6	8.1	31.6	6.0	91.4	12.3	7.1											
								2	27.6	8.1	31.6	6.1	91.5	12.4	6.2											
	TCE-WQM4	Cloudy	Moderate	12:15	3.9	Surface	1.0	1	27.7	8.1	31.6	5.9	89.2	5.2	6.1	5.9	5.2	6.0								
								2	27.7	8.1	31.6	5.9	89.5	5.1	6.0											
						Bottom	2.9	1	27.6	8.1	31.6	6.0	90.8	5.3	6.2											
								2	27.6	8.1	31.6	6.0	91.0	5.2	5.5											
	2022-10-10	Mid-Flood	TCE-C1	Cloudy	Moderate	8:39	8.2	Surface	1.0	1	27.5	8.2	34.2	6.2	95.5	7.2	5.4	6.2	9.6	5.5						
										2	27.5	8.2	34.2	6.2	95.6	7.2	5.8									
								Middle	4.1	1	27.5	8.2	34.2	6.3	96.0	8.1	5.3									
										2	27.5	8.2	34.2	6.3	96.1	8.2	5.3									
								Bottom	7.2	1	27.5	8.3	34.2	6.4	97.2	13.5	6.1									
										2	27.5	8.3	34.2	6.4	97.3	13.5	5.1									
TCE-C2			Cloudy	Moderate	6:45	13.1	Surface	1.0	1	28.0	8.0	32.3	5.3	81.3	9.9	5.9	5.3	8.9	5.1							
									2	28.0	8.0	32.3	5.3	81.2	9.9	5.1										
							Middle	6.6	1	28.0	8.0	32.4	5.3	81.0	10.5	4.9										
									2	28.0	8.0	32.4	5.3	81.2	10.3	4.9										
							Bottom	12.1	1	28.0	8.0	32.4	5.3	81.3	6.2	4.9										
									2	28.0	8.0	32.4	5.3	81.4	6.5	4.7										
TCE-WQM1			Cloudy	Moderate	7:59	8.2	Surface	1.0	1	27.8	8.1	32.0	5.8	88.2	5.3	6.5	5.8	8.9	6.7							
									2	27.8	8.1	32.0	5.8	88.2	5.3	8.1										
							Middle	4.1	1	27.8	8.1	32.0	5.9	89.3	10.1	5.8										
									2	27.8	8.1	32.0	5.9	89.7	10.5	6.6										
							Bottom	7.2	1	27.8	8.1	31.9	6.1	91.9	11.1	7.3										
									2	27.8	8.1	31.9	6.1	92.2	11.0	6.0										
TCE-WQM2a			Cloudy	Moderate	7:29	7.6	Surface	1.0	1	27.9	8.1	31.6	5.7	86.7	7.5	6.4	5.7	9.3	5.5							
									2	27.9	8.1	31.6	5.7	86.7	7.5	5.4										
							Middle	3.8	1	27.8	8.1	31.7	5.7	86.4	10.0	5.0										
									2	27.9	8.1	31.7	5.7	86.5	10.0	6.3										
							Bottom	6.6	1	27.9	8.1	31.7	5.7	86.7	10.4	4.8										
									2	27.9	8.1	31.7	5.7	86.7	10.6	5.2										
TCE-WQM2b		Cloudy	Moderate	7:20	11.3	Surface	1.0	1	27.9	8.1	32.2	5.4	82.4	9.6	4.8	5.4	9.4	6.3								
								2	27.9	8.1	32.2	5.4	82.4	9.9	5.4											
						Middle	5.7	1	28.0	8.0	32.3	5.3	81.1	8.0	8.3											
								2	28.0	8.0	32.3	5.3	81.2	7.7	6.3											
						Bottom	10.3	1	28.0	8.0	32.3	5.3	81.4	10.4	6.2											
								2	28.0	8.0	32.3	5.3	81.6	10.8	6.9											
TCE-WQM3A		Cloudy	Moderate	7:39	5.0	Surface	1.0	1	27.6	8.1	31.6	5.8	87.8	7.2	5.7	5.8	8.6	6.0								
								2	27.6	8.1	31.6	5.8	87.9	8.0	7.0											
						Bottom	4.0	1	27.6	8.1	31.6	5.9	89.1	9.5	4.7											
								2	27.6	8.1	31.6	5.9	89.6	9.6	6.6											
TCE-WQM4		Cloudy	Moderate	7:48	3.9	Surface	1.0	1	27.6	8.1	31.6	5.8	88.1	7.4	5.0	5.8	8.0	6.2								
								2	27.6	8.1	31.6	5.8	88.2	7.3	6.6											
						Bottom	2.9	1	27.7	8.1	31.6	6.0	90.5	8.5	6.1											
								2	27.7	8.1	31.6	6.0	90.8	8.8	7.0											

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)
2022-10-12	Mid-Ebb	TCE-C1	Cloudy	Moderate	12:38	8.4	Surface	1.0	1	26.7	8.2	34.6	6.0	90.7	9.5	13.0	5.9	10.8	13.6
									2	26.7	8.2	34.6	6.0	90.6	9.5	13.1			
							Middle	4.2	1	26.7	8.2	34.6	5.9	89.5	9.1	13.7			
							Bottom	7.4	1	26.7	8.2	34.6	5.9	89.5	9.3	13.2			
				2	26.7	8.2	34.6	5.9	89.5	13.6	14.5								
				2	26.7	8.2	34.6	5.9	89.5	13.9	14.0								
		TCE-C2	Cloudy	Moderate	14:37	13.2	Surface	1.0	1	27.5	8.2	33.8	5.7	87.4	2.5	11.6	5.6	3.6	12.6
				2	27.5	8.2	33.8	5.7	87.5	2.5	11.5								
		Middle	6.6	1	27.4	8.2	34.0	5.5	84.7	3.6	12.1								
		Bottom	12.2	1	27.4	8.2	34.0	5.5	84.7	3.7	12.5								
				2	27.4	8.2	34.1	5.6	85.4	4.8	13.6								
				2	27.4	8.2	34.1	5.6	85.5	4.8	14.1								
	TCE-WQM1	Cloudy	Moderate	13:28	8.6	Surface	1.0	1	26.4	8.1	32.9	6.0	89.4	6.3	12.2	6.0	7.0	12.7	
			2	26.4	8.1	32.9	6.0	89.4	6.3	11.8									
	Middle	4.3	1	26.4	8.1	33.0	6.0	89.3	6.1	12.6									
	Bottom	7.6	1	26.4	8.1	33.0	6.0	89.3	6.4	12.9									
			2	26.4	8.1	33.0	6.0	89.2	8.6	13.1									
			2	26.4	8.1	33.0	6.0	89.2	8.6	13.4									
	TCE-WQM2a	Cloudy	Moderate	14:00	7.2	Surface	1.0	1	27.1	8.1	33.0	6.0	90.7	3.7	13.6	5.9	5.6	12.6	
			2	27.1	8.1	33.0	6.0	90.7	3.7	13.2									
	Middle	3.6	1	27.0	8.1	33.1	5.8	87.7	5.0	12.8									
	Bottom	6.2	1	27.0	8.1	33.1	5.8	87.5	5.3	12.4									
			2	27.0	8.0	33.1	5.8	87.1	7.7	11.6									
			2	27.0	8.0	33.1	5.8	87.2	7.9	12.0									
TCE-WQM2b	Cloudy	Moderate	14:11	11.2	Surface	1.0	1	27.5	8.1	33.4	5.8	88.0	3.0	10.7	5.7	4.1	11.4		
		2	27.4	8.1	33.4	5.8	87.9	2.9	10.3										
Middle	5.6	1	27.3	8.1	33.4	5.7	86.2	3.7	11.2										
Bottom	10.2	1	27.3	8.1	33.4	5.7	86.2	3.7	11.6										
		2	27.4	8.1	33.9	5.6	86.0	5.6	12.2										
		2	27.4	8.1	33.9	5.6	86.2	5.6	12.6										
TCE-WQM3A	Cloudy	Moderate	13:49	5.1	Surface	1.0	1	27.1	8.0	32.9	6.0	91.1	5.2	11.9	6.0	6.5	13.0		
		2	27.0	8.0	32.9	6.0	90.6	5.6	11.7										
Bottom	4.1	1	26.9	8.0	33.0	5.8	86.8	7.6	14.4										
		2	26.9	8.0	33.0	5.8	87.0	7.6	14.1										
TCE-WQM4	Cloudy	Moderate	13:39	3.5	Surface	1.0	1	26.9	8.1	32.6	6.1	92.1	2.1	12.8	6.1	3.4	12.9		
		2	26.9	8.1	32.6	6.1	92.1	2.2	12.4										
Bottom	2.5	1	26.9	8.0	32.7	6.2	92.5	4.7	13.3										
		2	26.9	8.0	32.7	6.2	92.7	4.5	13.2										
2022-10-12	Mid-Flood	TCE-C1	Cloudy	Moderate	9:47	8.5	Surface	1.0	1	26.7	8.2	34.6	6.0	90.5	12.2	12.0	5.9	12.8	10.8
									2	26.7	8.2	34.6	6.0	90.5	12.7	11.6			
							Middle	4.3	1	26.7	8.1	34.6	5.9	89.6	12.7	10.5			
							Bottom	7.5	1	26.7	8.1	34.6	5.9	89.6	12.3	10.8			
				2	26.7	8.1	34.7	5.9	90.0	13.7	9.6								
				2	26.7	8.1	34.7	6.0	90.1	13.4	10.0								
		TCE-C2	Cloudy	Moderate	7:56	13.8	Surface	1.0	1	27.3	8.1	33.9	5.6	84.6	4.0	10.0	5.5	6.4	11.0
				2	27.2	8.1	33.9	5.6	84.6	5.4	10.4								
		Middle	6.9	1	27.3	8.0	33.9	5.5	83.7	5.8	11.1								
		Bottom	12.8	1	27.3	8.0	33.9	5.5	83.7	6.0	10.7								
				2	27.4	8.0	33.9	5.5	83.6	8.5	12.0								
				2	27.4	8.0	33.9	5.5	83.6	8.7	11.8								
	TCE-WQM1	Cloudy	Moderate	9:04	8.9	Surface	1.0	1	26.4	8.1	32.8	5.9	88.5	4.6	13.2	5.9	5.0	12.7	
			2	26.4	8.1	32.8	5.9	88.5	4.6	13.0									
	Middle	4.5	1	26.4	8.1	32.9	5.9	88.1	5.5	12.6									
	Bottom	7.9	1	26.4	8.1	32.9	5.9	88.1	5.5	12.9									
			2	26.4	8.0	32.9	5.9	88.1	5.0	12.4									
			2	26.4	8.0	32.9	5.9	88.1	5.0	12.1									
	TCE-WQM2a	Cloudy	Moderate	8:31	7.9	Surface	1.0	1	26.9	8.1	33.0	5.8	87.3	6.2	11.6	5.8	9.9	12.2	
			2	26.9	8.1	33.0	5.8	87.3	6.2	11.1									
	Middle	4.0	1	26.9	8.1	33.0	5.7	86.5	10.4	12.5									
	Bottom	6.9	1	26.9	8.1	33.0	5.7	86.5	10.3	12.1									
			2	26.8	8.0	33.0	5.8	86.7	13.1	12.8									
			2	26.8	8.0	33.0	5.8	86.8	13.0	13.2									
TCE-WQM2b	Cloudy	Moderate	8:19	11.5	Surface	1.0	1	27.0	8.1	33.2	5.7	86.5	10.9	14.1	5.7	11.6	12.7		
		2	27.0	8.1	33.2	5.7	86.5	10.6	13.6										
Middle	5.8	1	27.0	8.1	33.2	5.7	86.2	13.2	12.7										
Bottom	10.5	1	27.0	8.1	33.2	5.7	86.2	14.0	12.4										
		2	27.0	8.1	33.2	5.7	86.2	10.5	11.5										
		2	27.0	8.1	33.2	5.7	86.2	10.8	12.0										
TCE-WQM3A	Cloudy	Moderate	8:42	4.5	Surface	1.0	1	26.8	8.0	32.7	5.7	85.6	3.7	12.6	5.7	4.1	12.4		
		2	26.8	8.0	32.7	5.7	85.5	3.7	13.0										
Bottom	3.5	1	26.8	8.0	32.9	5.6	84.6	4.5	12.1										
		2	26.8	8.0	32.9	5.6	84.6	4.5	11.8										
TCE-WQM4	Cloudy	Moderate	8:52	3.4	Surface	1.0	1	26.6	8.0	32.7	5.8	87.3	3.6	14.0	5.8	3.7	12.7		
		2	26.6	8.0	32.7	5.8	87.3	3.6	13.6										
Bottom	2.4	1	26.6	8.0	32.7	5.9	87.9	3.8	11.8										
		2	26.6	8.0	32.7	5.9	88.1	3.8	11.2										

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)	Turbidity (NTU)	SS (mg/L)
2022-10-14	Mid-Ebb	TCE-C1	Sunny	Rough	13:44	7.7	Surface	1.0	1	26.4	8.2	33.5	6.3	92.8	5.3	7.3	6.3	5.4	8.4
									2	26.4	8.2	33.5	6.3	92.9	5.3	7.7			
							Middle	3.9	1	26.5	8.2	32.9	6.4	94.2	5.7	8.2			
							Bottom	6.7	1	26.4	8.2	33.8	6.2	92.2	5.3	9.5			
				2	26.4	8.2	33.8	6.2	92.2	5.3	9.1								
		TCE-C2	Sunny	Moderate	15:53	14.4	Surface	1.0	1	27.4	8.2	34.1	5.6	82.9	1.6	9.0	5.5	5.5	8.0
									2	27.4	8.2	34.1	5.6	82.9	1.6	8.6			
							Middle	7.2	1	27.2	8.2	34.1	5.5	82.0	5.7	8.1			
							Bottom	13.4	1	27.2	8.2	34.1	5.5	82.0	5.6	7.8			
				2	27.2	8.2	34.1	5.5	82.2	9.1	7.5								
				2	27.2	8.2	34.1	5.6	82.2	9.1	7.2								
		TCE-WQM1	Sunny	Moderate	14:33	10.6	Surface	1.0	1	26.8	8.2	33.1	6.6	97.3	3.1	7.2	6.5	5.4	8.1
								2	26.8	8.2	33.1	6.6	97.4	3.1	6.9				
	Middle						5.3	1	26.6	8.3	33.3	6.4	94.1	5.5	8.1				
	Bottom						9.6	1	26.5	8.3	33.5	6.3	93.4	7.5	9.2				
			2	26.5	8.3	33.4	6.3	93.5	7.6	8.9									
	TCE-WQM2a	Sunny	Calm	15:07	7.9	Surface	1.0	1	26.9	8.2	33.4	6.1	89.7	2.7	9.0	6.1	3.9	8.4	
								2	26.9	8.2	33.4	6.1	89.7	2.7	8.8				
						Middle	4.0	1	26.9	8.2	33.5	6.1	88.3	4.0	8.5				
						Bottom	6.9	1	26.9	8.2	33.5	6.1	88.4	3.9	8.2				
			2	26.9	8.2	33.5	5.9	87.3	4.9	8.0									
			2	26.9	8.2	33.5	5.9	87.3	4.9	7.8									
	TCE-WQM2b	Sunny	Moderate	15:17	10.4	Surface	1.0	1	26.9	8.2	33.5	5.9	88.0	5.6	7.8	5.9	6.3	8.4	
								2	26.9	8.2	33.5	5.9	88.1	5.7	7.5				
Middle						5.2	1	26.9	8.2	33.5	5.9	87.9	5.2	8.2					
Bottom						9.4	1	26.9	8.2	33.5	5.9	87.9	5.3	8.5					
		2	26.9	8.1	33.5	5.9	87.5	8.1	9.6										
		2	26.9	8.1	33.5	5.9	87.5	8.1	9.0										
TCE-WQM3A	Sunny	Calm	14:54	4.9	Surface	1.0	1	27.5	8.2	34.1	6.2	92.3	1.3	8.5	6.2	2.4	8.8		
							2	27.5	8.2	34.1	6.2	92.3	1.3	8.6					
					Bottom	3.9	1	27.2	8.2	34.1	6.2	93.1	3.6	8.9					
							2	27.2	8.2	34.1	6.2	93.0	3.6	9.2					
TCE-WQM4	Sunny	Moderate	14:44	4.3	Surface	1.0	1	26.9	8.2	33.3	6.1	89.8	4.5	8.8	6.1	4.7	8.0		
							2	26.9	8.2	33.3	6.1	89.8	4.6	8.4					
					Bottom	3.3	1	26.8	8.2	33.4	6.0	88.2	4.7	7.6					
							2	26.8	8.2	33.4	6.0	88.2	4.7	7.1					
		2	26.8	8.2	33.4	6.0	88.2	4.7	7.1										
2022-10-14	Mid-Flood	TCE-C1	Sunny	Moderate	11:03	6.9	Surface	1.0	1	26.4	8.2	32.9	6.4	94.1	6.1	7.6	6.2	7.3	8.4
									2	26.4	8.2	32.9	6.4	94.1	6.1	7.1			
							Middle	3.5	1	26.4	8.2	33.9	6.1	91.4	6.4	8.2			
							Bottom	5.9	1	26.4	8.2	34.1	6.0	90.4	9.4	9.4			
				2	26.4	8.2	34.1	6.0	90.4	9.5	9.7								
		TCE-C2	Sunny	Moderate	9:02	13.9	Surface	1.0	1	26.9	8.1	33.7	5.9	86.6	3.2	8.2	5.8	6.1	8.7
									2	26.9	8.1	33.7	5.9	86.6	3.2	8.0			
							Middle	7.0	1	27.0	8.1	33.7	5.7	85.6	6.7	8.9			
							Bottom	12.9	1	27.0	8.1	33.8	5.8	85.6	6.8	8.5			
				2	27.0	8.0	33.8	5.7	85.3	8.4	9.4								
				2	27.0	8.0	33.8	5.7	85.3	8.5	9.1								
		TCE-WQM1	Sunny	Calm	10:16	8.8	Surface	1.0	1	26.6	8.1	33.3	5.8	87.6	2.3	7.6	5.9	3.2	8.5
								2	26.6	8.1	33.3	5.8	87.6	2.3	7.9				
	Middle						4.4	1	26.5	8.2	33.4	6.0	90.4	3.3	8.2				
	Bottom						7.8	1	26.5	8.2	33.4	6.0	90.4	3.3	8.6				
			2	26.5	8.2	33.5	6.2	92.4	4.1	9.1									
			2	26.5	8.2	33.6	6.2	92.4	4.2	9.6									
	TCE-WQM2a	Sunny	Moderate	9:37	6.6	Surface	1.0	1	26.7	8.1	33.2	6.0	90.7	2.6	10.2	6.0	3.7	9.2	
								2	26.7	8.1	33.2	6.0	90.7	2.6	9.8				
						Middle	3.3	1	26.7	8.1	33.2	6.0	90.3	3.4	9.3				
						Bottom	5.6	1	26.7	8.1	33.2	6.0	90.3	3.3	9.0				
			2	26.7	8.1	33.3	5.8	87.8	5.1	8.4									
			2	26.7	8.1	33.3	5.8	87.9	5.2	8.7									
	TCE-WQM2b	Sunny	Moderate	9:22	9.3	Surface	1.0	1	26.7	8.1	33.2	6.1	91.7	2.8	8.5	6.1	4.0	9.4	
							2	26.7	8.1	33.2	6.1	91.8	2.8	8.9					
Middle						4.7	1	26.7	8.1	33.3	6.0	90.6	3.9	9.1					
Bottom						8.3	1	26.7	8.1	33.3	6.0	90.7	4.0	9.5					
		2	26.7	8.1	33.3	6.1	91.6	5.2	10.5										
		2	26.7	8.1	33.3	6.1	91.9	5.2	10.1										
TCE-WQM3A	Sunny	Calm	9:49	4.2	Surface	1.0	1	26.6	8.1	33.4	6.0	90.9	4.4	8.3	6.0	4.5	8.0		
							2	26.6	8.1	33.4	6.0	90.9	4.4	8.5					
					Bottom	3.2	1	26.6	8.1	33.4	6.1	91.5	4.6	7.4					
							2	26.6	8.1	33.4	6.1	91.5	4.7	7.7					
TCE-WQM4	Sunny	Calm	10:02	3.9	Surface	1.0	1	26.5	8.2	33.6	6.1	91.6	4.9	8.8	6.1	4.8	8.0		
							2	26.5	8.2	33.6	6.1	91.7	4.9	8.4					
					Bottom	2.9	1	26.4	8.2	33.6	6.2	93.2	4.8	7.6					
							2	26.4	8.2	33.6	6.2	93.2	4.8	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)	
2022-10-17	Mid-Ebb	TCE-C1	Cloudy	Rough	6:27	8.8	Surface	1.0	1	26.4	8.2	35.2	6.4	97.7	10.2	3.4	6.4	9.8	3.8	
									2	26.4	8.2	35.2	6.4	97.7	10.7	4.1				
							Middle	4.4	1	26.4	8.2	35.3	6.4	96.8	8.7	3.8				
									2	26.4	8.2	35.3	6.4	96.8	8.3	3.6				
							Bottom	7.8	1	26.4	8.2	35.3	6.4	97.2	10.7	3.8				
									2	26.4	8.2	35.3	6.4	97.3	10.3	4.0				
		TCE-C2	Cloudy	Rough	4:11	13.7	Surface	1.0	1	26.4	8.0	33.6	5.9	89.0	0.6	3.4	5.7	1.5	3.7	
									2	26.4	8.0	33.6	5.9	88.9	0.7	3.7				
							Middle	6.9	1	26.8	8.0	34.2	5.5	83.2	1.5	3.5				
									2	26.8	8.0	34.2	5.5	83.1	1.6	4.6				
							Bottom	12.7	1	26.9	8.0	34.5	5.5	83.5	2.4	3.6				
									2	26.9	8.0	34.5	5.5	83.8	2.3	3.6				
		TCE-WQM1	Cloudy	Moderate	5:42	8.8	Surface	1.0	1	26.1	8.3	33.5	6.4	95.7	5.5	5.0	6.4	6.9	4.1	
									2	26.1	8.3	33.5	6.4	95.7	5.4	6.7				
							Middle	4.4	1	26.1	8.2	33.5	6.4	95.3	6.5	3.3				
									2	26.1	8.2	33.5	6.4	95.3	6.5	3.3				
							Bottom	7.8	1	26.1	8.2	33.5	6.5	95.3	8.4	3.0				
									2	26.1	8.2	33.5	6.5	95.3	9.0	3.2				
		TCE-WQM2a	Cloudy	Moderate	5:10	7.0	Surface	1.0	1	26.2	8.2	33.5	6.5	96.4	3.3	3.3	6.5	3.7	4.2	
									2	26.2	8.2	33.5	6.5	96.4	3.3	3.2				
							Middle	3.5	1	26.2	8.2	33.5	6.5	96.7	3.7	4.2				
									2	26.2	8.3	33.5	6.5	96.7	3.8	5.8				
							Bottom	6.0	1	26.2	8.3	33.5	6.5	97.1	4.0	5.3				
									2	26.2	8.3	33.5	6.5	97.2	4.1	3.4				
		TCE-WQM2b	Cloudy	Moderate	4:54	10.8	Surface	1.0	1	26.1	8.2	33.0	6.2	92.1	1.5	5.2	6.2	1.9	3.6	
									2	26.1	8.2	33.0	6.2	92.0	1.5	3.8				
							Middle	5.4	1	26.2	8.2	33.2	6.1	91.3	1.4	3.2				
									2	26.2	8.2	33.2	6.1	91.3	1.4	3.7				
							Bottom	9.8	1	26.3	8.2	33.4	6.2	92.0	2.7	2.8				
									2	26.3	8.2	33.5	6.2	92.2	2.8	3.1				
TCE-WQM3A	Cloudy	Moderate	5:20	4.2	Surface	1.0	1	26.1	8.2	33.3	6.4	95.7	3.4	3.4	6.4	3.6	3.5			
							2	26.1	8.2	33.3	6.4	95.8	3.5	2.6						
					Bottom	3.2	1	26.1	8.3	33.2	6.5	96.7	3.6	3.7						
							2	26.1	8.3	33.2	6.5	97.1	3.7	4.2						
					Surface	1.0	1	26.3	8.3	33.5	6.5	97.5	5.4	4.6				6.5	5.2	3.9
							2	26.3	8.3	33.5	6.5	97.5	5.3	3.6						
TCE-WQM4	Cloudy	Moderate	5:29	3.7	Surface	1.0	1	26.3	8.3	33.5	6.5	97.7	5.0	3.8	6.5	5.2	3.9			
							2	26.2	8.3	33.5	6.6	98.0	5.0	3.4						

Remarks: WQM during mid-flood tide was cancelled due to Strong Wind Signal No.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)		
2022-10-19	Mid-Ebb	TCE-C1	Cloudy	Moderate	9:18	8.2	Surface	1.0	1	23.9	8.2	31.9	6.6	93.5	7.4	6.0	6.6	10.1	6.2		
									2	23.9	8.2	31.9	6.6	93.5	7.5	5.5					
							Middle	4.1	1	23.9	8.2	31.9	6.6	93.7	9.4	5.5					
							Bottom	7.2	1	23.8	8.2	32.0	6.6	94.2	13.1	7.2					
				2	23.8	8.2	32.0	6.6	94.4	13.9	5.8										
		TCE-C2	Cloudy	Moderate	7:27	13.4	Surface	1.0	1	25.6	8.1	32.1	5.9	86.4	3.7	5.6	5.9	3.8	3.9		
									2	25.6	8.1	32.1	5.9	86.4	3.8	3.8					
							Middle	6.7	1	25.6	8.1	32.0	5.9	86.2	3.7	2.8					
							Bottom	12.4	1	25.5	8.1	32.0	5.9	86.2	3.7	2.8					
				2	25.5	8.1	32.0	5.9	86.4	4.1	4.2										
		TCE-WQM1	Cloudy	Moderate	8:42	8.0	Surface	1.0	1	23.8	8.2	30.9	6.5	91.0	3.3	4.4	6.4	6.2	4.4		
									2	23.8	8.2	30.9	6.5	91.0	3.3	4.6					
	Middle						4.0	1	23.5	8.2	31.0	6.4	90.6	3.9	4.6						
	Bottom						7.0	1	23.5	8.2	31.0	6.4	90.6	4.3	3.8						
			2	23.5	8.2	31.3	6.5	91.3	11.1	5.0											
	TCE-WQM2a	Cloudy	Moderate	8:10	7.0	Surface	1.0	1	24.5	8.2	31.5	6.3	90.1	2.3	12.7	6.2	3.5	9.0			
								2	24.5	8.2	31.5	6.3	90.1	2.3	6.5						
						Middle	3.5	1	24.6	8.2	31.6	6.2	89.1	3.0	6.8						
						Bottom	6.0	1	24.9	8.2	31.9	6.2	90.0	5.0	7.3						
			2	24.9	8.2	32.0	6.2	90.2	5.0	10.9											
	TCE-WQM2b	Cloudy	Moderate	7:58	11.2	Surface	1.0	1	25.2	8.2	32.1	6.1	88.2	3.4	12.4	6.1	3.5	7.3			
								2	25.2	8.2	32.1	6.1	88.2	3.4	7.7						
						Middle	5.6	1	25.2	8.2	32.1	6.1	88.6	3.3	6.3						
						Bottom	10.2	1	25.2	8.2	32.1	6.1	88.7	3.3	6.1						
			2	25.2	8.2	32.1	6.2	90.7	4.0	6.4											
	TCE-WQM3A	Cloudy	Moderate	8:21	3.8	Surface	1.0	1	24.4	8.2	31.3	6.1	87.4	4.8	5.6	6.1	5.2	6.3			
								2	24.4	8.2	31.3	6.1	87.5	5.0	3.2						
						Bottom	2.8	1	24.6	8.2	31.5	6.2	88.3	5.4	5.6						
								2	24.6	8.2	31.5	6.2	88.5	5.7	10.7						
	TCE-WQM4	Cloudy	Moderate	8:31	3.3	Surface	1.0	1	23.9	8.2	30.9	6.4	91.2	3.4	6.4	6.4	4.2	6.9			
								2	23.9	8.2	30.9	6.5	91.4	3.5	7.4						
						Bottom	2.3	1	24.0	8.2	31.0	6.6	94.1	4.9	6.4						
								2	24.0	8.2	31.0	6.7	94.4	4.9	7.3						
	2022-10-19	Mid-Flood	TCE-C1	Cloudy	Moderate	19:09	8.0	Surface	1.0	1	23.9	8.2	31.9	6.5	93.1	7.6	8.1	6.5	9.2	9.0	
										2	23.9	8.2	31.9	6.5	93.1	7.6	8.3				
								Middle	4.0	1	23.9	8.2	31.9	6.5	92.9	7.3	7.7				
								Bottom	7.0	1	23.9	8.2	32.0	6.5	92.9	7.4	8.7				
						2	23.9	8.2	32.0	6.5	92.8	12.1	10.4								
				TCE-C2	Cloudy	Moderate	21:17	13.9	Surface	1.0	1	25.2	8.2	32.1	6.1	88.6	2.1	5.6	6.0	3.0	5.8
											2	25.2	8.2	32.2	6.1	88.5	2.1	5.3			
									Middle	7.0	1	25.2	8.2	32.2	6.0	86.9	2.7	5.4			
									Bottom	12.9	1	25.2	8.2	32.2	6.0	87.0	2.7	5.6			
						2	25.5	8.2	32.4	5.9	86.9	4.1	5.8								
				TCE-WQM1	Cloudy	Moderate	20:06	8.0	Surface	1.0	1	23.9	8.2	31.1	6.5	91.6	5.6	10.4	6.5	8.0	8.7
											2	23.9	8.2	31.1	6.5	91.6	5.7	11.2			
			Middle						4.0	1	23.9	8.2	31.1	6.5	91.5	7.7	7.8				
			Bottom						7.0	1	23.9	8.2	31.1	6.5	91.5	7.9	7.6				
					2	23.9	8.3	31.2	6.6	92.8	10.5	7.7									
TCE-WQM2a			Cloudy	Moderate	20:39	7.6	Surface	1.0	1	24.6	8.2	31.5	6.2	88.8	4.6	3.2	6.2	5.4	3.7		
									2	24.6	8.2	31.5	6.2	88.8	4.6	3.2					
							Middle	3.8	1	24.8	8.2	31.7	6.1	88.7	4.7	3.4					
							Bottom	6.6	1	24.8	8.2	31.7	6.1	88.7	4.9	3.6					
				2	24.8	8.2	31.7	6.2	89.2	6.7	4.8										
TCE-WQM2b			Cloudy	Moderate	20:50	11.5	Surface	1.0	1	25.2	8.2	32.0	6.1	89.1	2.8	9.4	6.1	2.5	8.7		
									2	25.2	8.2	32.0	6.1	89.1	2.2	8.6					
							Middle	5.8	1	25.1	8.2	32.0	6.1	88.7	2.3	7.3					
							Bottom	10.5	1	25.1	8.2	32.0	6.1	88.7	2.4	8.4					
				2	25.1	8.2	32.0	6.2	89.7	2.8	8.6										
TCE-WQM3A			Cloudy	Moderate	20:29	3.9	Surface	1.0	1	24.2	8.2	30.4	6.3	88.7	3.4	6.9	6.2	4.9	6.8		
									2	24.3	8.2	30.4	6.2	88.7	4.7	5.6					
							Bottom	2.9	1	24.4	8.2	30.8	6.2	88.9	5.6	7.4					
									2	24.4	8.2	30.9	6.2	89.1	5.8	7.2					
TCE-WQM4			Cloudy	Moderate	20:18	3.4	Surface	1.0	1	24.2	8.2	31.2	6.5	92.6	5.6	11.2	6.5	9.1	8.6		
									2	24.2	8.2	31.2	6.5	92.8	5.7	9.2					
							Bottom	2.4	1	24.1	8.2	31.1	6.7	95.0	12.9	7.6					
									2	24.1	8.2	31.1	6.7	95.3	12.0	6.3					

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)
2022-10-21	Mid-Ebb	TCE-C1	Fine	Moderate	11:31	7.0	Surface	1.0	1	24.6	8.3	32.6	6.4	91.9	3.2	4.8	6.4	4.2	5.4
									2	24.6	8.3	32.6	6.4	92.0	3.3	5.0			
							Middle	3.5	1	24.6	8.3	32.5	6.4	92.5	4.4	5.4			
							Bottom	6.0	1	24.6	8.3	32.5	6.4	92.6	5.0	6.2			
				2	24.6	8.2	32.5	6.4	92.9	5.1	5.7								
		TCE-C2	Fine	Moderate	9:48	8.6	Surface	1.0	1	25.2	8.2	32.0	6.0	88.0	1.9	4.7	6.0	2.0	3.6
									2	25.2	8.2	32.0	6.0	87.9	2.0	4.2			
							Middle	4.3	1	25.2	8.2	32.0	6.0	88.0	2.0	3.8			
							Bottom	7.6	1	25.2	8.2	32.0	6.1	88.1	2.1	3.4			
				2	25.2	8.1	31.9	6.2	90.1	2.1	2.5								
				2	25.2	8.1	31.9	6.2	90.3	2.1	2.8								
		TCE-WQM1	Fine	Moderate	11:00	7.2	Surface	1.0	1	24.0	8.2	32.0	6.6	94.2	2.3	4.7	6.6	3.6	4.3
								2	23.9	8.2	32.0	6.6	94.2	2.3	5.3				
	Middle						3.6	1	23.9	8.2	32.0	6.6	94.3	3.4	4.1				
	Bottom						6.2	1	23.9	8.2	32.0	6.6	94.5	3.5	4.4				
			2	23.8	8.2	32.1	6.7	95.6	5.0	3.6									
			2	23.7	8.2	32.1	7.0	99.3	5.0	3.9									
	TCE-WQM2a	Fine	Moderate	10:31	7.2	Surface	1.0	1	24.2	8.2	31.7	6.6	94.4	2.6	6.8	6.6	3.6	5.6	
								2	24.2	8.2	31.7	6.6	94.4	2.6	6.4				
						Middle	3.6	1	24.4	8.3	32.0	6.7	96.1	3.6	5.6				
						Bottom	6.2	1	24.5	8.3	32.0	6.7	96.5	3.5	6.0				
			2	24.5	8.3	32.1	6.8	97.6	4.7	4.6									
			2	24.5	8.3	32.1	6.9	98.5	4.6	4.2									
	TCE-WQM2b	Fine	Moderate	10:18	10.0	Surface	1.0	1	24.6	8.3	32.1	6.5	93.8	1.0	5.1	6.5	2.3	4.5	
							2	24.6	8.3	32.1	6.5	93.9	1.1	5.3					
Middle						5.0	1	24.6	8.3	32.1	6.6	94.4	2.2	4.7					
Bottom						9.0	1	24.6	8.3	32.1	6.6	94.7	2.3	4.2					
		2	24.4	8.3	32.0	6.7	96.1	3.6	3.6										
		2	24.4	8.3	32.1	6.7	96.5	3.6	3.9										
TCE-WQM3A	Fine	Moderate	10:40	4.0	Surface	1.0	1	24.3	8.2	31.4	6.7	95.3	6.2	3.8	6.7	6.8	4.2		
							2	24.3	8.2	31.4	6.7	95.9	6.3	3.3					
					Bottom	3.0	1	24.3	8.2	31.7	6.8	97.1	7.3	5.0					
		2	24.3	8.2	31.6	6.8	97.7	7.3	4.5										
TCE-WQM4	Fine	Moderate	10:49	5.0	Surface	1.0	1	23.6	8.2	31.5	6.8	96.4	5.4	4.1	6.8	5.9	4.0		
							2	23.6	8.2	31.6	6.8	96.5	5.3	4.6					
					Bottom	4.0	1	23.4	8.2	31.7	6.9	97.6	6.5	3.5					
							2	23.4	8.2	31.7	7.0	98.1	6.4	3.8					
2022-10-21	Mid-Flood	TCE-C1	Fine	Moderate	15:39	8.4	Surface	1.0	1	24.6	8.3	32.5	6.4	93.1	5.6	5.5	6.4	6.3	5.2
									2	24.6	8.3	32.5	6.4	93.2	5.7	5.9			
							Middle	4.2	1	24.6	8.2	32.5	6.5	93.3	6.2	5.3			
							Bottom	7.4	1	24.6	8.2	32.5	6.5	93.4	6.1	5.0			
				2	24.6	7.6	32.4	6.5	93.5	7.0	4.8								
				2	24.6	7.7	32.3	6.5	93.4	7.1	4.6								
		TCE-C2	Fine	Moderate	17:33	8.4	Surface	1.0	1	25.0	8.3	32.2	6.5	93.7	2.1	2.1	6.5	3.4	2.8
									2	25.0	8.3	32.2	6.5	93.7	2.2	2.4			
							Middle	4.2	1	24.9	8.3	32.2	6.5	93.7	3.9	3.0			
							Bottom	7.4	1	24.9	8.3	32.2	6.5	93.8	3.9	2.6			
				2	24.9	8.4	32.2	6.5	94.5	4.0	3.6								
				2	24.9	8.4	32.2	6.5	94.8	4.0	3.2								
	TCE-WQM1	Fine	Moderate	16:31	6.2	Surface	1.0	1	24.2	8.5	31.8	6.7	95.3	2.2	4.4	6.7	3.4	3.6	
								2	24.1	8.5	31.9	6.7	95.2	2.1	4.1				
						Middle	3.1	1	24.1	8.5	31.9	6.7	95.6	3.0	3.4				
						Bottom	5.2	1	24.2	8.5	31.9	6.7	95.9	3.1	3.7				
			2	24.2	8.5	31.8	6.8	96.8	5.0	3.0									
			2	24.2	8.5	31.8	6.8	97.0	4.9	2.7									
	TCE-WQM2a	Fine	Moderate	17:01	6.6	Surface	1.0	1	24.5	8.3	31.9	6.5	94.0	3.2	3.2	6.5	4.3	4.1	
								2	24.5	8.3	31.9	6.5	94.0	3.2	2.9				
						Middle	3.3	1	24.5	8.3	31.9	6.5	93.1	4.5	4.2				
						Bottom	5.6	1	24.6	8.3	32.0	6.4	92.8	4.4	3.8				
			2	24.7	8.3	32.0	6.5	94.1	5.1	5.5									
			2	24.7	8.3	31.9	6.6	95.1	5.2	5.1									
TCE-WQM2b	Fine	Moderate	17:12	8.8	Surface	1.0	1	24.5	8.3	32.0	6.7	95.8	1.7	11.3	6.7	2.0	8.4		
							2	24.5	8.3	32.0	6.7	96.0	1.7	10.8					
					Middle	4.4	1	24.4	8.3	32.0	6.7	96.9	1.6	9.6					
					Bottom	7.8	1	24.4	8.3	32.0	6.8	97.1	1.6	9.3					
		2	24.3	8.3	32.1	6.8	97.6	2.6	4.3										
		2	24.2	8.3	32.2	6.9	98.0	2.6	4.8										
TCE-WQM3A	Fine	Moderate	16:52	4.2	Surface	1.0	1	24.6	8.3	31.6	6.4	92.4	5.3	3.6	6.4	6.0	3.0		
							2	24.5	8.3	31.6	6.4	92.5	5.4	3.5					
					Bottom	3.2	1	24.5	8.3	31.8	6.5	94.0	6.6	2.3					
		2	24.5	8.3	31.8	6.6	94.4	6.5	2.5										
TCE-WQM4	Fine	Moderate	16:42	3.6	Surface	1.0	1	24.0	8.3	31.5	6.8	96.4	3.8	3.4	6.8	3.9	3.9		
							2	24.0	8.3	31.5	6.8	96.8	3.8	3.6					
					Bottom	2.6	1	24.0	8.3	31.7	6.9	97.8	4.0	4.0					
		2	24.0	8.3	31.8	6.9	98.2	4.0	4.4										

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)	Turbidity (NTU)	SS (mg/L)
2022-10-24	Mid-Ebb	TCE-C1	Sunny	Rough	10:36	8.9	Surface	1.0	1	24.8	8.2	31.8	6.5	93.5	3.5	6.1	6.5	5.0	6.5
								2	24.8	8.2	31.8	6.5	93.5	3.5	5.8				
							Middle	4.5	1	24.8	8.2	31.8	6.5	93.2	4.4	6.3			
							Bottom	7.9	1	24.7	8.3	31.8	6.4	93.0	7.2	7.3			
				2	24.7	8.3	31.8	6.4	93.0	7.3	6.9								
		TCE-C2	Sunny	Rough	12:46	14.7	Surface	1.0	1	24.8	8.3	31.8	7.0	98.8	4.4	6.2	6.6	6.0	5.7
								2	24.8	8.3	31.8	7.0	98.8	4.4	6.5				
							Middle	7.4	1	25.6	8.2	34.5	6.2	91.7	5.0	5.8			
							Bottom	13.7	1	25.6	8.2	34.5	6.2	91.6	5.0	5.4			
				2	25.6	8.2	34.6	6.0	88.9	8.6	4.9								
		TCE-WQM1	Sunny	Moderate	11:20	10.2	Surface	1.0	1	25.4	8.2	33.9	6.6	97.8	2.5	7.4	6.5	3.6	6.1
								2	25.4	8.2	33.9	6.6	97.8	2.5	6.9				
	Middle						5.1	1	25.4	8.2	34.1	6.3	93.0	3.3	5.8				
	Bottom						9.2	1	25.5	8.2	34.5	5.9	88.1	5.0	5.3				
			2	25.5	8.2	34.5	5.9	88.1	5.0	4.9									
	TCE-WQM2a	Sunny	Rough	11:57	7.9	Surface	1.0	1	25.4	8.2	33.9	6.7	98.6	2.7	5.8	6.7	3.7	6.4	
							2	25.4	8.2	33.9	6.7	98.6	2.7	6.0					
						Middle	4.0	1	25.4	8.2	33.9	6.7	98.2	3.7	6.6				
						Bottom	6.9	1	25.4	8.2	34.0	6.5	95.8	4.8	7.2				
			2	25.4	8.2	34.0	6.5	95.9	4.8	6.7									
	TCE-WQM2b	Sunny	Rough	12:12	11.8	Surface	1.0	1	25.6	8.2	34.4	6.2	92.5	4.9	5.4	5.9	6.7	6.4	
							2	25.6	8.2	34.4	6.2	92.5	4.9	5.0					
						Middle	5.9	1	25.6	8.2	34.9	5.6	83.2	5.8	6.9				
						Bottom	10.8	1	25.6	8.2	34.9	5.6	83.2	5.9	6.6				
		2	25.6	8.2	34.9	5.6	83.1	9.3	7.5										
TCE-WQM3A	Sunny	Moderate	11:44	5.8	Surface	1.0	1	25.3	8.2	33.9	6.6	97.9	1.2	6.2	6.6	1.9	6.4		
						2	25.3	8.2	33.9	6.6	97.9	1.2	5.8						
					Bottom	4.8	1	25.3	8.2	33.9	6.5	96.0	2.6	7.0					
						2	25.3	8.2	33.9	6.5	96.0	2.7	6.6						
TCE-WQM4	Sunny	Moderate	11:33	4.4	Surface	1.0	1	25.4	8.1	34.1	6.6	96.8	2.9	6.8	6.6	3.8	6.7		
						2	25.4	8.1	34.1	6.6	96.8	2.9	7.1						
					Bottom	3.4	1	25.3	8.1	34.1	6.5	96.5	4.8	6.3					
						2	25.3	8.1	34.1	6.5	96.5	4.8	6.6						
2022-10-24	Mid-Flood	TCE-C1	Fine	Rough	6:55	7.9	Surface	1.0	1	24.9	8.2	31.8	6.4	92.7	6.5	7.1	6.4	7.3	6.2
								2	24.9	8.2	31.8	6.4	92.7	6.4	6.8				
							Middle	4.0	1	24.9	8.2	31.8	6.4	92.3	6.8	6.3			
							Bottom	6.9	1	24.9	8.2	31.7	6.4	92.3	8.9	5.5			
				2	24.9	8.2	31.7	6.4	92.4	8.9	5.2								
		TCE-C2	Fine	Moderate	4:47	13.2	Surface	1.0	1	25.0	8.2	31.9	6.0	87.1	2.0	5.0	5.9	2.7	5.9
								2	25.0	8.2	31.9	6.0	87.1	2.0	5.4				
							Middle	6.6	1	25.1	8.2	32.0	5.8	83.7	2.3	5.6			
							Bottom	12.2	1	25.2	8.1	32.0	5.7	83.5	2.3	5.9			
				2	25.2	8.1	32.0	5.7	82.6	3.8	6.8								
		TCE-WQM1	Fine	Calm	6:08	8.8	Surface	1.0	1	24.8	8.2	31.6	6.6	94.8	2.5	6.2	6.6	2.8	6.8
								2	24.8	8.2	31.6	6.6	94.8	2.5	6.0				
	Middle						4.4	1	24.8	8.2	31.6	6.5	94.5	2.4	6.6				
	Bottom						7.8	1	24.8	8.2	31.7	6.2	90.1	3.5	7.3				
			2	24.8	8.2	31.7	6.2	90.2	3.5	7.8									
	TCE-WQM2a	Fine	Moderate	5:30	6.7	Surface	1.0	1	24.9	8.2	31.4	6.6	94.5	2.4	5.7	6.5	3.4	6.1	
							2	24.9	8.2	31.4	6.6	94.5	2.4	5.7					
						Middle	3.4	1	24.9	8.2	31.5	6.4	92.0	4.1	6.0				
						Bottom	5.7	1	24.9	8.2	31.5	6.4	92.0	4.0	6.1				
			2	24.9	8.2	31.7	6.2	89.9	3.8	6.3									
	TCE-WQM2b	Fine	Moderate	5:15	9.5	Surface	1.0	1	25.0	8.2	32.0	6.0	86.7	2.0	7.7	5.9	2.2	6.7	
							2	25.0	8.2	32.0	6.0	86.7	2.0	7.4					
						Middle	4.8	1	25.0	8.2	32.0	5.9	85.9	2.2	6.8				
						Bottom	8.5	1	25.1	8.2	32.1	5.7	83.5	2.4	6.2				
		2	25.1	8.2	32.1	5.7	83.6	2.4	5.9										
TCE-WQM3A	Fine	Calm	5:43	4.4	Surface	1.0	1	24.9	8.2	31.4	6.6	94.8	2.4	5.2	6.6	2.8	5.9		
						2	24.9	8.2	31.4	6.6	94.8	2.5	5.1						
					Bottom	3.4	1	24.9	8.2	31.5	6.4	92.4	3.2	6.8					
						2	24.9	8.2	31.5	6.4	92.4	3.2	6.4						
TCE-WQM4	Fine	Calm	5:56	3.9	Surface	1.0	1	24.8	8.2	31.6	6.6	94.6	2.5	8.3	6.6	4.8	7.4		
						2	24.8	8.2	31.6	6.6	94.6	2.5	7.9						
					Bottom	2.9	1	24.8	8.2	31.7	6.3	91.0	7.2	6.9					
						2	24.8	8.2	31.7	6.3	91.0	7.2	6.6						

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)	Turbidity (NTU)	SS (mg/L)
2022-10-26	Mid-Ebb	TCE-C1	Fine	Rough	11:47	8.2	Surface	1.0	1	24.9	8.3	34.5	6.7	97.8	4.6	8.0	6.5	8.8	8.6
									2	24.9	8.3	34.5	6.7	97.7	4.6	8.2			
							Middle	4.1	1	24.7	8.2	35.1	6.3	92.8	10.8	8.5			
							Bottom	7.2	1	24.6	8.2	35.2	6.3	92.7	11.2	9.2			
				2	24.6	8.2	35.2	6.3	93.0	11.1	9.0								
		TCE-C2	Fine	Rough	13:36	13.7	Surface	1.0	1	25.3	8.2	34.4	6.5	95.8	1.6	3.4	6.2	2.9	4.1
									2	25.3	8.2	34.5	6.5	95.6	1.6	3.3			
							Middle	6.9	1	25.3	8.2	34.7	6.0	88.4	2.0	4.3			
							Bottom	12.7	1	25.3	8.2	34.7	6.0	88.2	2.3	4.0			
				2	25.3	8.2	34.7	5.9	87.3	5.0	4.6								
		TCE-WQM1	Fine	Moderate	12:30	8.2	Surface	1.0	1	24.6	8.3	34.6	6.6	96.4	6.1	9.0	6.6	8.4	8.3
									2	24.6	8.3	34.6	6.6	96.4	6.2	8.8			
	Middle						4.1	1	24.6	8.3	34.6	6.6	96.4	7.1	8.2				
	Bottom						7.2	1	24.6	8.3	34.6	6.6	96.4	7.2	8.5				
			2	24.6	8.3	34.6	6.6	97.0	11.9	7.8									
	TCE-WQM2a	Fine	Moderate	13:00	7.0	Surface	1.0	1	25.1	8.3	34.1	7.3	107.3	1.7	10.4	7.2	3.4	8.0	
								2	25.1	8.3	34.1	7.3	107.3	1.7	10.0				
						Middle	3.5	1	25.0	8.3	34.1	7.2	105.6	1.9	8.2				
						Bottom	6.0	1	24.7	8.3	34.1	7.2	105.4	1.9	8.4				
			2	24.7	8.3	34.1	7.0	102.0	6.5	5.8									
	TCE-WQM2b	Fine	Moderate	13:14	12.4	Surface	1.0	1	25.2	8.2	34.2	6.7	98.5	1.7	3.8	6.5	3.0	4.3	
								2	25.2	8.2	34.3	6.7	98.3	1.9	3.4				
						Middle	6.2	1	25.2	8.2	34.4	6.2	91.9	2.4	4.6				
						Bottom	11.4	1	25.2	8.2	34.4	6.2	91.9	2.5	4.0				
		2	25.2	8.2	34.4	6.3	92.1	4.9	5.0										
TCE-WQM3A	Fine	Moderate	12:50	4.3	Surface	1.0	1	24.8	8.3	34.1	7.1	103.3	5.0	8.3	7.1	5.3	8.7		
							2	24.8	8.3	34.1	7.1	103.3	5.0	8.0					
					Bottom	3.3	1	24.8	8.3	34.1	7.0	102.9	5.6	9.4					
							2	24.8	8.3	34.1	7.0	102.9	5.8	9.0					
TCE-WQM4	Fine	Moderate	12:40	3.7	Surface	1.0	1	24.8	8.3	34.1	7.2	106.0	2.6	8.2	7.2	2.5	8.8		
							2	24.8	8.3	34.1	7.2	105.9	2.5	7.9					
					Bottom	2.7	1	24.7	8.3	34.1	7.2	104.5	2.4	9.4					
							2	24.7	8.3	34.1	7.2	104.4	2.6	9.8					
2022-10-26	Mid-Flood	TCE-C1	Fine	Rough	9:15	8.0	Surface	1.0	1	24.9	8.3	34.6	6.6	96.4	5.6	6.4	6.4	8.2	5.8
									2	24.8	8.3	34.6	6.6	96.2	5.8	7.0			
							Middle	4.0	1	24.7	8.2	35.1	6.3	93.2	8.6	5.5			
							Bottom	7.0	1	24.6	8.3	35.2	6.3	92.8	10.9	4.9			
				2	24.6	8.3	35.2	6.3	92.8	10.0	5.1								
		TCE-C2	Fine	Rough	7:10	13.4	Surface	1.0	1	25.2	8.1	34.7	6.0	88.3	2.6	7.1	5.9	3.4	6.2
									2	25.2	8.1	34.7	5.9	87.8	2.6	6.8			
							Middle	6.7	1	25.3	8.1	34.8	5.9	86.7	2.9	6.2			
							Bottom	12.4	1	25.3	8.1	34.8	5.9	86.6	2.9	6.5			
				2	25.3	8.1	34.8	5.8	86.2	4.9	5.2								
		TCE-WQM1	Fine	Moderate	8:16	8.8	Surface	1.0	1	24.5	8.2	34.4	6.6	96.7	3.3	4.2	6.6	4.3	4.7
									2	24.5	8.2	34.4	6.6	96.3	3.7	4.9			
	Middle						4.4	1	24.5	8.2	34.4	6.6	96.3	3.6	4.6				
	Bottom						7.8	1	24.5	8.2	34.4	6.6	96.3	5.8	5.2				
			2	24.5	8.2	34.4	6.6	96.4	6.1	5.6									
	TCE-WQM2a	Fine	Moderate	7:46	7.2	Surface	1.0	1	24.7	8.2	34.1	6.8	98.6	2.7	6.1	6.7	4.2	5.7	
								2	24.7	8.2	34.1	6.8	98.6	2.7	6.6				
						Middle	3.6	1	24.7	8.2	34.1	6.7	98.3	3.9	5.5				
						Bottom	6.2	1	24.7	8.2	34.1	6.7	98.3	4.1	5.9				
			2	24.7	8.2	34.1	6.7	98.2	5.6	4.9									
	TCE-WQM2b	Fine	Rough	7:35	11.0	Surface	1.0	1	24.9	8.2	34.2	6.5	95.8	3.5	6.0	6.5	4.5	6.4	
								2	24.9	8.2	34.2	6.5	95.8	3.5	5.6				
						Middle	5.5	1	24.9	8.2	34.2	6.5	95.3	4.8	6.2				
						Bottom	10.0	1	24.9	8.2	34.2	6.5	95.3	4.7	6.5				
		2	24.9	8.2	34.2	6.6	96.4	5.6	7.1										
TCE-WQM3A	Fine	Moderate	7:56	4.2	Surface	1.0	1	24.6	8.2	34.1	6.8	98.9	2.8	4.4	6.8	3.1	5.1		
							2	24.6	8.2	34.1	6.8	98.9	2.8	4.8					
					Bottom	3.2	1	24.6	8.2	34.1	6.8	98.7	3.4	5.4					
							2	24.6	8.2	34.1	6.8	98.8	3.4	5.9					
TCE-WQM4	Fine	Moderate	8:05	3.5	Surface	1.0	1	24.6	8.2	34.1	6.8	99.3	2.3	6.6	6.8	2.4	7.3		
							2	24.6	8.2	34.1	6.8	99.2	2.3	7.1					
					Bottom	2.5	1	24.5	8.2	34.1	6.8	98.9	2.5	7.8					
							2	24.5	8.2	34.1	6.8	98.9	2.5	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)	Turbidity (NTU)	SS (mg/L)
2022-10-28	Mid-Ebb	TCE-C1	Fine	Moderate	13:18	7.2	Surface	1.0	1	24.8	8.3	34.0	6.6	96.4	4.2	6.9	6.6	5.6	6.4
									2	24.8	8.3	34.2	6.6	96.2	4.3	7.2			
							Middle	3.6	1	24.7	8.3	34.5	6.6	96.0	5.6	6.6			
							Bottom	6.2	1	24.6	8.3	34.7	6.6	96.1	5.6	6.3			
						2	24.5	8.3	34.8	6.6	97.0	7.0	5.5	6.7					
				2	24.5	8.3	34.8	6.7	97.7	7.0	5.8								
		Surface	1.0	1	25.2	8.2	34.2	6.8	100.5	1.9	3.8								
				2	25.2	8.2	34.2	6.8	100.1	1.9	3.4								
						1	25.1	8.2	34.4	6.4	93.7	1.9	4.2	6.6	2.1	4.2			
		Middle	4.7	1	25.1	8.2	34.4	6.4	93.7	2.0	4.4								
		Bottom	8.4	1	25.4	8.2	34.2	6.4	94.3	2.3	5.0								
				2	25.5	8.2	34.1	6.4	95.1	2.5	4.6								
					1	25.0	8.4	34.0	6.8	99.5	2.8	6.7	6.8	3.8	7.1				
			2	25.0	8.4	34.0	6.8	99.5	2.9	6.4									
	Middle	3.0	1	25.0	8.4	34.0	6.8	99.4	3.7	6.9									
	Bottom	5.0	1	25.0	8.4	34.0	6.8	99.3	4.8	7.6									
					2	25.0	8.4	34.0	6.8	99.3	4.9	8.0	6.8						
			2	25.0	8.4	34.0	6.8	99.3	4.9	8.0									
	Surface	1.0	1	25.7	8.3	33.9	7.4	107.3	1.9	3.5									
			2	25.7	8.3	33.9	7.4	107.3	1.9	3.1									
					1	25.2	8.3	33.8	7.2	104.5	2.6	4.6	7.3	2.6	4.3				
	Middle	3.3	1	25.2	8.3	33.8	7.2	104.0	2.5	4.3									
	Bottom	5.6	1	25.3	8.2	33.7	7.0	101.5	3.5	5.4									
			2	25.4	8.2	33.6	7.0	101.3	3.4	4.8									
				1	25.1	8.3	33.9	7.0	101.2	1.0	3.6	6.8	1.8	4.8					
		2	25.0	8.3	33.9	7.0	100.1	1.0	3.1										
Middle	4.4	1	25.1	8.2	34.1	6.5	94.9	1.8	5.2										
Bottom	7.8	1	25.1	8.2	34.1	6.6	94.6	1.8	4.8										
				2	25.2	8.2	34.1	6.5	94.1	2.6	5.9	6.5							
		2	25.3	8.2	34.0	6.5	94.6	2.7	6.2										
Surface	1.0	1	25.7	8.3	33.9	7.6	111.8	5.1	5.3										
		2	25.7	8.3	33.9	7.7	111.8	5.1	5.8										
				1	25.8	8.3	33.6	7.2	105.8	6.1	6.7	7.2	5.6	6.2					
Bottom	2.9	1	25.9	8.3	33.5	7.2	105.4	6.2	7.1										
Surface	1.0	1	25.1	8.3	34.0	7.6	110.2	4.2	5.0										
		2	25.1	8.3	34.0	7.6	109.8	4.2	4.5										
				1	25.1	8.3	34.0	7.5	109.0	5.1	9.2	7.6	4.7	7.0					
Bottom	3.0	1	25.1	8.3	34.0	7.5	108.8	5.1	9.4										
Surface	1.0	1	24.7	8.2	34.3	6.5	94.6	4.9	5.6										
		2	24.6	8.2	34.4	6.6	94.4	4.9	5.3										
				1	24.6	8.2	34.6	6.5	94.3	5.3	6.0	6.5	5.6	6.0					
Middle	4.1	1	24.6	8.2	34.6	6.4	94.3	5.3	5.8										
Bottom	7.2	1	24.6	8.3	34.6	6.6	94.4	6.7	6.7										
		2	24.6	8.3	34.6	6.5	94.5	6.7	6.3										
				1	25.0	8.0	34.1	6.6	96.4	1.0	4.3	6.6	1.8	4.9					
		2	25.0	8.0	34.1	6.6	96.3	1.0	4.2										
Middle	5.6	1	25.0	8.0	34.1	6.5	96.2	1.7	4.7										
Bottom	10.2	1	25.0	8.0	34.1	6.6	96.2	1.7	5.0										
				2	25.0	7.9	34.1	6.6	97.3	2.7	5.4	6.6							
		2	25.0	7.9	34.1	6.6	97.6	2.7	5.8										
Surface	1.0	1	24.7	8.2	34.1	6.9	98.5	3.9	4.6										
		2	24.7	8.2	34.1	6.9	98.5	3.9	5.0										
				1	24.7	8.2	34.1	6.9	98.5	6.4	5.1	6.9	5.6	5.3					
Middle	3.6	1	24.7	8.2	34.1	6.9	98.5	6.4	5.3										
Bottom	6.2	1	24.6	8.2	34.1	6.9	98.6	6.6	5.8										
		2	24.7	8.2	34.1	6.9	98.7	6.6	5.9										
				1	24.9	8.2	33.8	6.8	97.8	3.2	8.0	6.8	4.3	8.6					
		2	24.9	8.2	33.8	6.8	97.8	3.2	7.6										
Middle	3.5	1	24.8	8.2	33.8	6.8	97.8	4.5	8.9										
Bottom	6.0	1	24.8	8.2	33.8	6.8	97.9	4.4	8.4										
				2	24.8	8.2	33.8	6.8	98.0	5.1	9.2	6.8							
		2	24.8	8.2	33.8	6.8	98.3	5.1	9.6										
Surface	1.0	1	25.0	8.2	33.7	6.5	95.8	5.0	3.4										
		2	25.0	8.2	33.7	6.5	95.8	5.1	3.1										
				1	25.0	8.2	33.7	6.5	95.8	6.5	3.5	6.5	6.4	3.6					
Middle	5.0	1	25.0	8.2	33.7	6.5	95.8	6.5	3.6										
Bottom	9.0	1	25.0	8.2	33.7	6.5	95.8	7.6	4.3										
		2	25.0	8.2	33.7	6.6	95.9	7.7	3.9										
				1	24.8	8.2	33.9	6.9	99.2	5.0	7.2	6.9	5.9	8.3					
		2	24.8	8.2	33.9	6.9	99.1	5.1	7.7										
Bottom	4.6	1	24.8	8.2	33.9	6.9	98.8	6.8	9.0										
		2	24.8	8.2	33.8	6.9	98.7	6.8	9.4										
				1	24.8	8.2	33.9	7.0	99.7	2.5	3.8	6.9	3.0	4.6					
		2	24.8	8.2	33.9	6.9	99.7	2.6	4.1										
Bottom	3.2	1	24.8	8.2	33.9	6.9	99.7	3.6	5.5										
		2	24.8	8.2	33.9	7.0	99.7	3.5	5.0										

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)	
2022-10-31	Mid-Ebb	TCE-C1	Cloudy	Rough	5:18	8.1	Surface	1.0	1	24.6	8.2	33.8	6.4	93.6	5.5	8.6	6.4	6.1	8.1	
									2	24.6	8.2	33.8	6.4	93.7	5.6	8.4				
							Middle	4.1	1	24.6	8.2	33.8	6.4	93.0	6.1	8.0				
									2	24.6	8.2	33.8	6.4	93.0	6.2	8.3				
							Bottom	7.1	1	24.6	8.2	33.8	6.4	92.9	6.5	7.6				
									2	24.6	8.2	33.8	6.4	92.9	6.5	7.8				
		TCE-C2	Cloudy	Rough	3:11	13.6	Surface	1.0	1	24.7	8.1	34.1	6.2	90.9	3.6	8.1	6.2	4.4	8.8	
									2	24.7	8.1	34.1	6.2	90.8	3.5	8.3				
							Middle	6.8	1	24.8	8.1	34.2	6.1	89.8	5.0	8.6				
									2	24.8	8.1	34.2	6.1	89.8	5.0	8.8				
							Bottom	12.6	1	24.8	8.1	34.2	6.1	89.8	4.6	9.2				
									2	24.8	8.1	34.2	6.1	89.8	4.7	9.6				
		TCE-WQM1	Cloudy	Rough	4:37	10.8	Surface	1.0	1	24.7	8.2	33.8	6.2	91.0	4.8	10.7	6.4	5.8	9.7	
									2	24.7	8.2	33.8	6.2	91.1	4.8	10.4				
							Middle	5.4	1	24.5	8.2	33.8	6.5	94.3	5.1	10.0				
									2	24.5	8.2	33.8	6.5	94.3	5.1	9.4				
							Bottom	9.8	1	24.5	8.2	33.8	6.5	95.1	7.4	9.2				
									2	24.5	8.2	33.8	6.5	95.1	7.4	8.7				
		TCE-WQM2a	Cloudy	Rough	3:57	7.7	Surface	1.0	1	24.7	8.2	33.9	6.4	93.2	5.0	9.1	6.4	8.6	8.0	
									2	24.7	8.2	33.9	6.4	93.2	5.0	9.4				
							Middle	3.9	1	24.7	8.2	33.9	6.4	92.8	11.9	8.1				
									2	24.7	8.2	33.9	6.4	92.8	11.9	7.7				
							Bottom	6.7	1	24.7	8.2	33.9	6.4	92.7	8.7	6.6				
									2	24.7	8.2	33.9	6.4	92.7	8.7	7.0				
TCE-WQM2b	Cloudy	Rough	3:42	9.5	Surface	1.0	1	24.6	8.2	33.8	6.5	94.2	2.1	9.2	6.4	3.7	8.3			
							2	24.6	8.2	33.8	6.5	94.2	2.1	8.8						
					Middle	4.8	1	24.7	8.2	33.9	6.4	93.0	2.8	8.3						
							2	24.7	8.2	33.9	6.4	93.0	2.8	8.0						
					Bottom	8.5	1	24.8	8.2	34.0	6.2	90.7	6.3	7.8						
							2	24.8	8.2	34.0	6.2	90.7	6.3	7.5						
TCE-WQM3A	Cloudy	Rough	4:11	4.2	Surface	1.0	1	24.7	8.2	33.6	6.5	94.4	8.1	7.6	6.5	8.9	8.2			
							2	24.7	8.2	33.6	6.5	94.4	8.2	7.9						
					Bottom	3.2	1	24.7	8.2	33.6	6.5	94.2	9.6	8.6						
							2	24.7	8.2	33.6	6.5	94.2	9.6	8.8						
					Surface	1.0	1	24.6	8.2	33.7	6.6	96.7	3.7	9.4				6.6	4.6	8.7
							2	24.6	8.2	33.7	6.6	96.7	3.8	9.8						
Bottom	2.8	1	24.6	8.2	33.7	6.6	96.7	5.4	8.0											
		2	24.6	8.2	33.7	6.6	96.7	5.4	7.5											

Remarks: WQM during mid-flood tide was cancelled due to Strong Wind Signal No.3