

Figure 1: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 29 February 2020

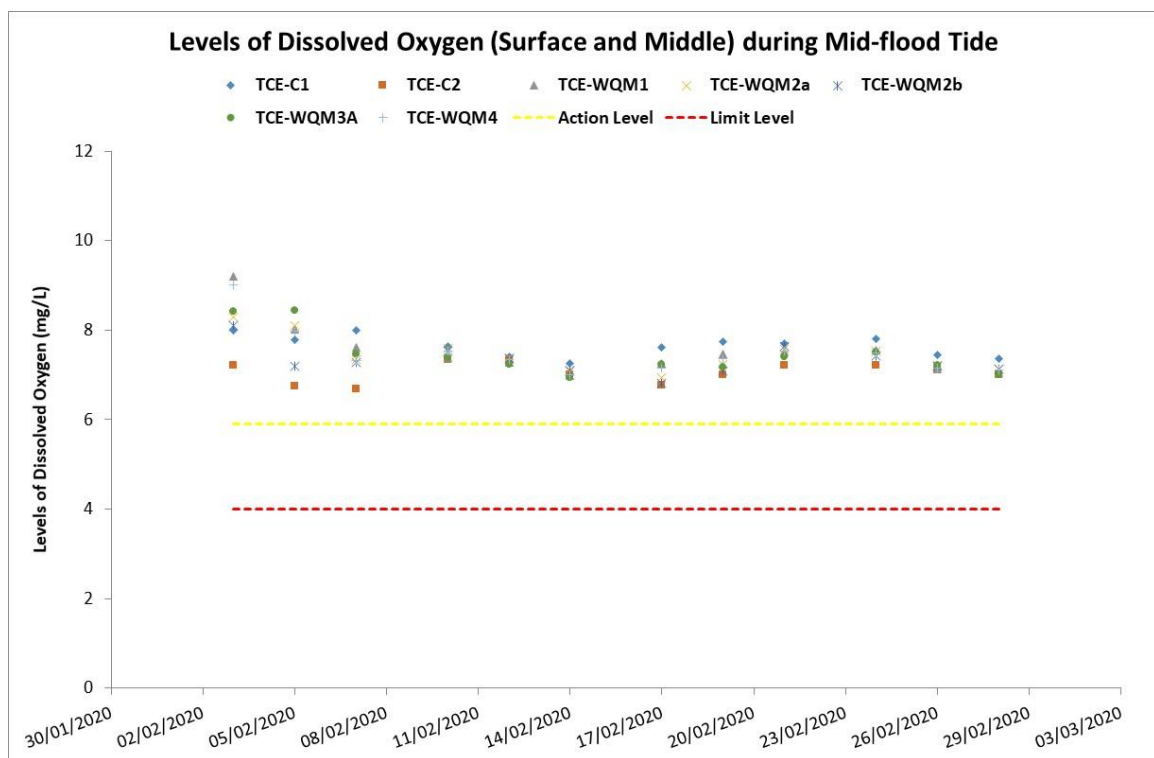


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 29 February 2020

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

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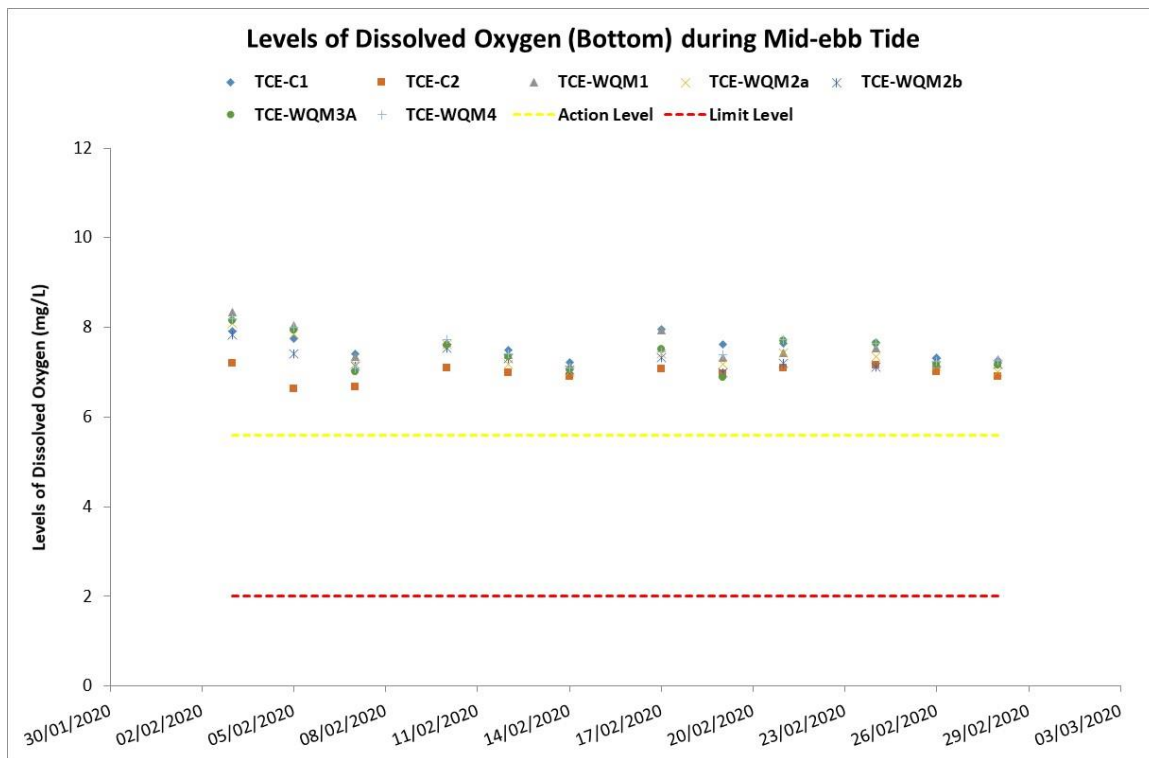


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 29 February 2020

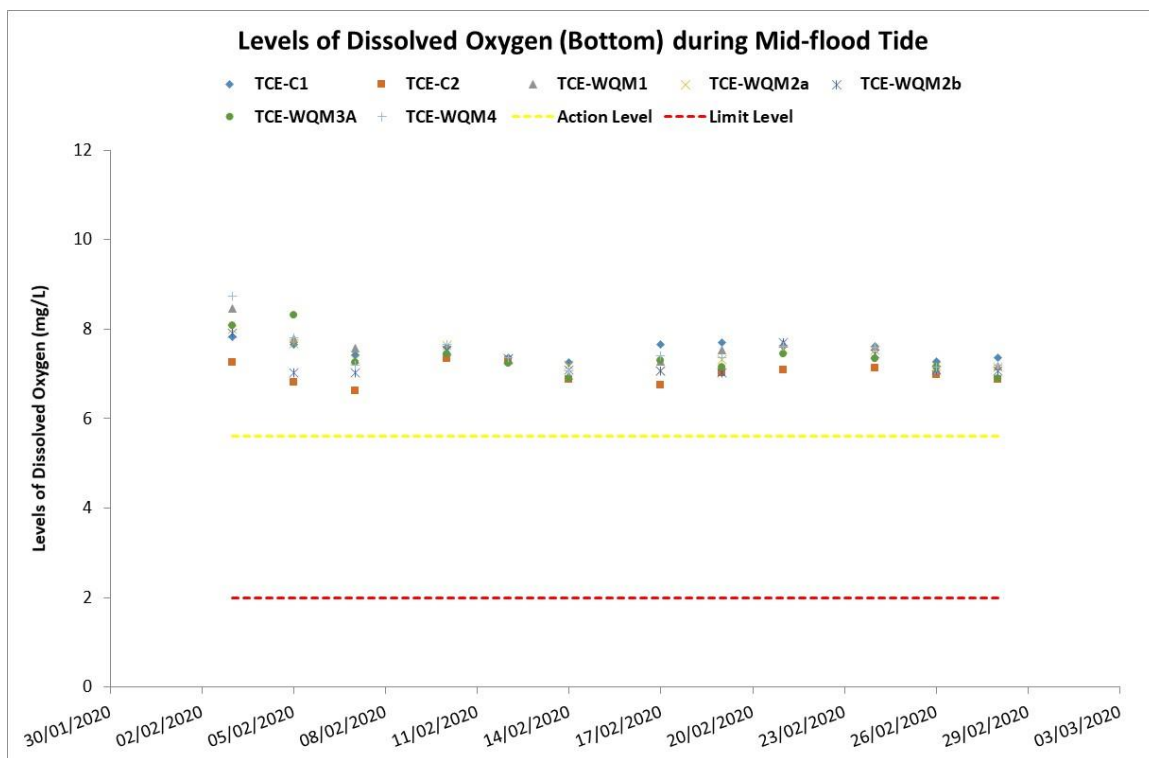


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 29 February 2020

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

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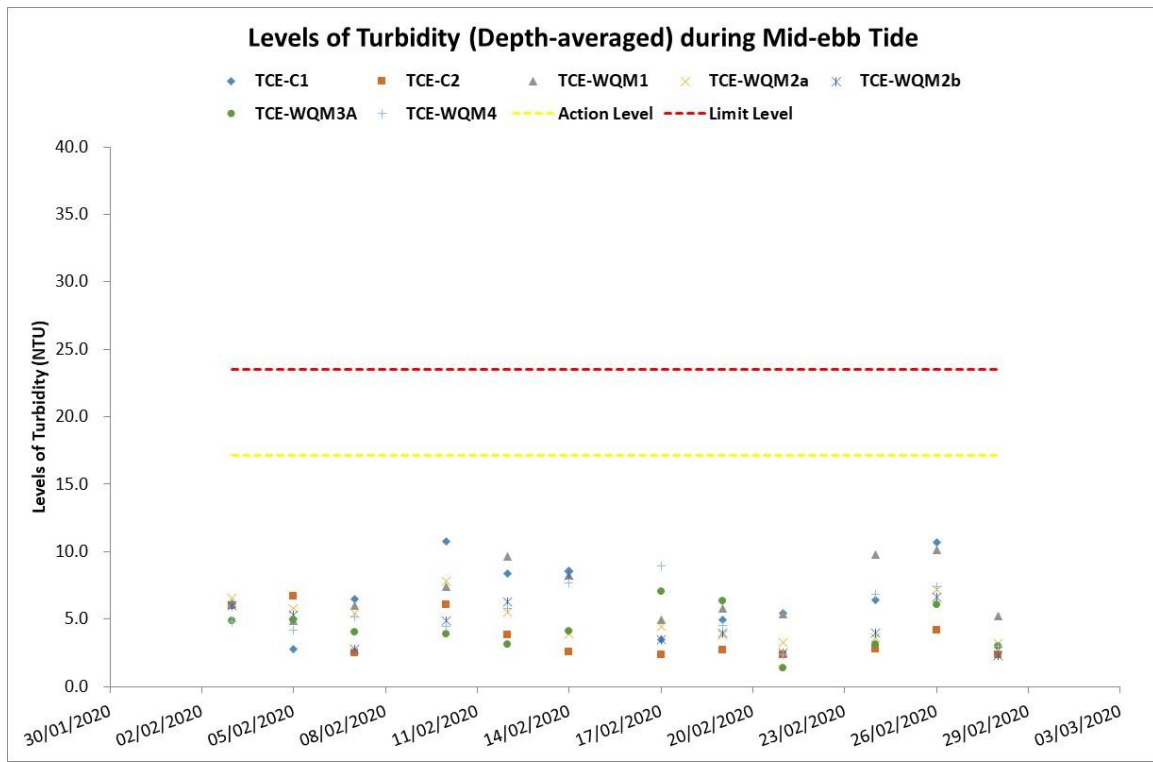


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 29 February 2020

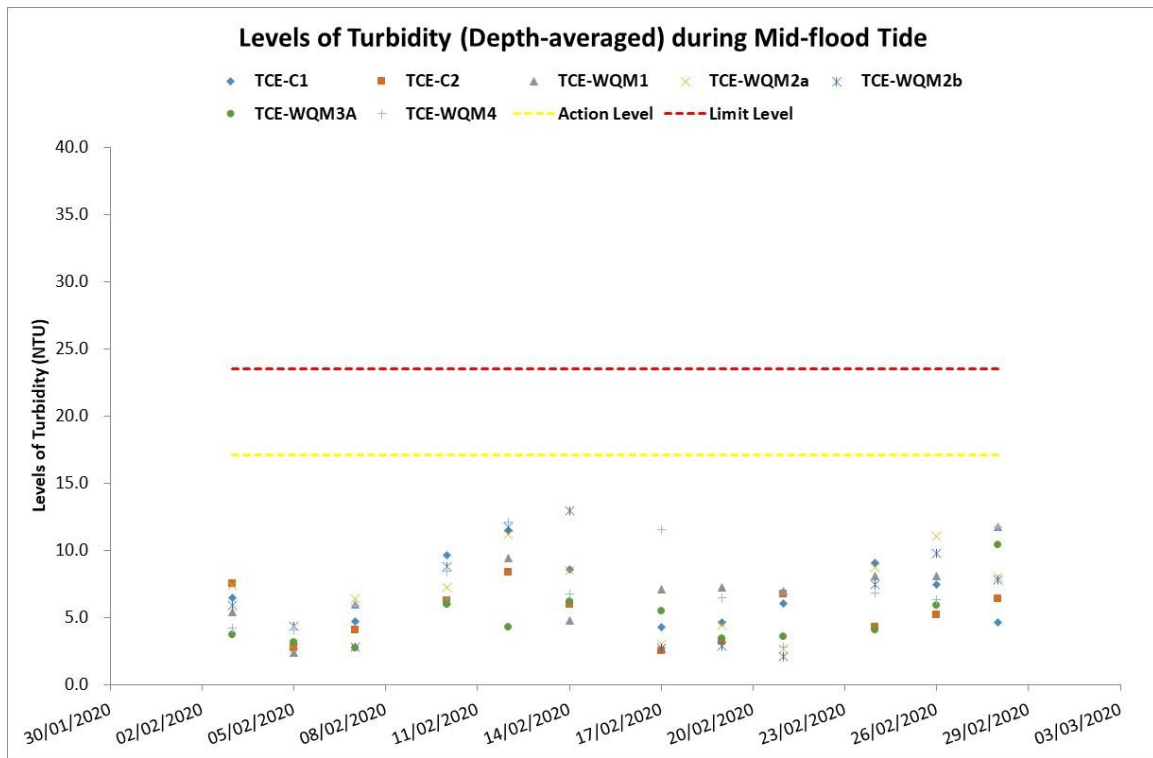


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 29 February 2020

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

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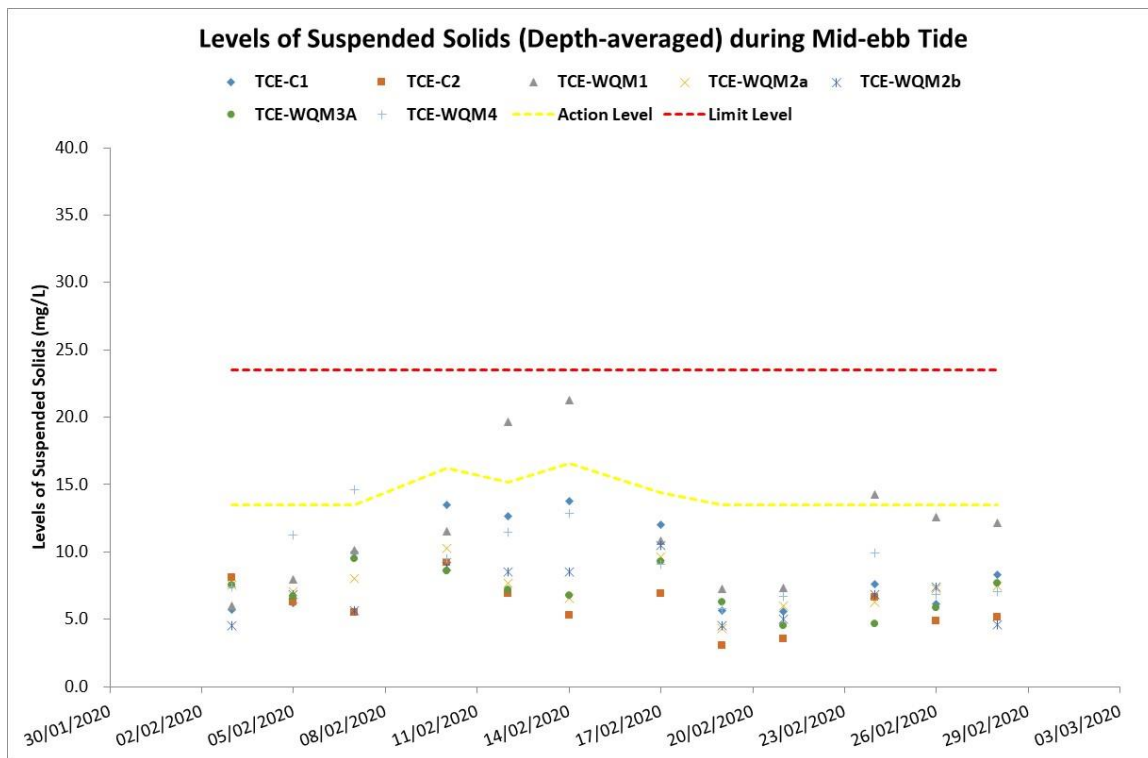


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 29 February 2020

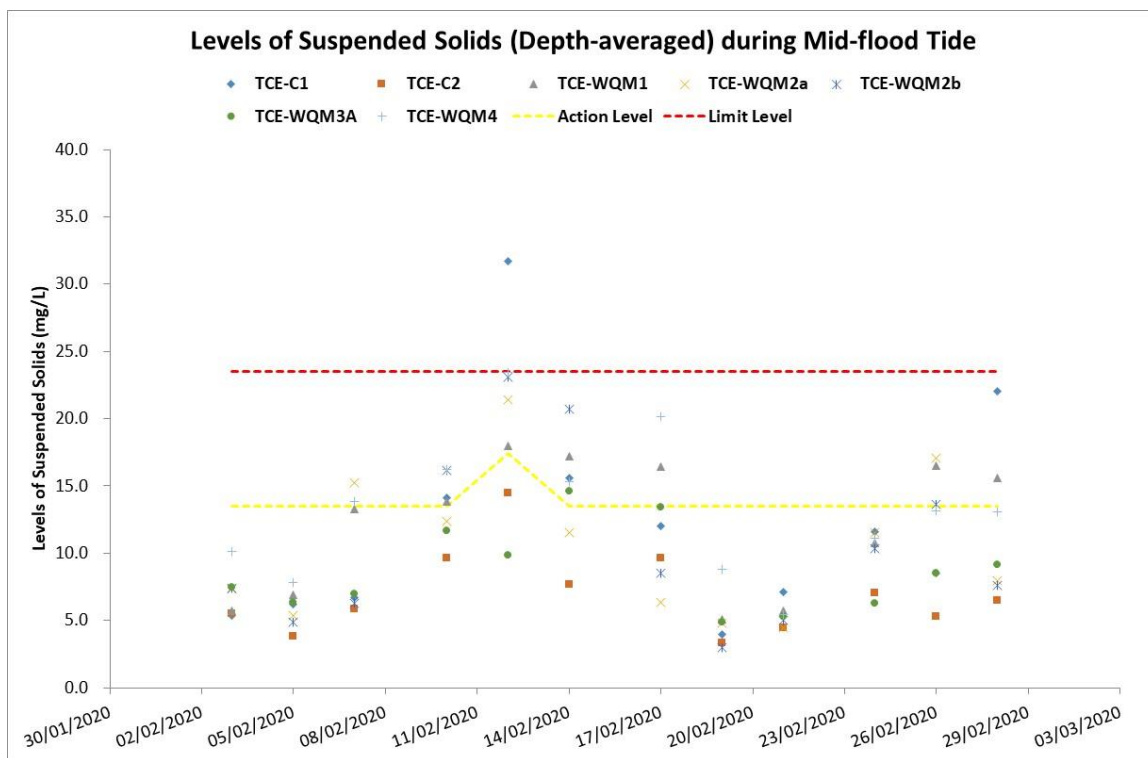


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 29 February 2020

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

Date: February 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)								
03-02-20	Mid-Ebb	TCE-C1	Cloudy	Moderate	6:59	8.3	Surface	1.0	1	18.7	8.0	34.7	8.0	105.3	5.4	5.9	8.0	6.1	5.7								
									2	18.7	8.0	34.7	8.0	105.1	5.4	6.5											
							Middle	4.2	1	18.7	8.0	34.7	7.9	104.3	5.6	6.3											
									2	18.7	8.0	34.7	7.9	104.3	5.6	5.0											
							Bottom	7.3	1	18.7	7.9	34.7	7.9	104.4	7.4	4.7											
									2	18.7	7.9	34.7	7.9	104.2	7.2	5.7											
		TCE-C2	Cloudy	Moderate	5:00	12.9	Surface	1.0	1	19.2	7.9	34.4	7.4	97.6	5.7	16.0	7.3	6.0	8.1								
									2	19.2	7.9	34.4	7.4	97.5	5.6	8.2											
							Middle	6.5	1	19.2	7.9	34.4	7.3	96.4	5.7	7.9											
									2	19.2	7.9	34.4	7.3	96.6	5.8	6.9											
							Bottom	11.9	1	19.3	7.9	34.4	7.2	95.5	6.6	4.7											
									2	19.3	7.9	34.4	7.2	95.7	6.5	4.9											
		TCE-WQM1	Cloudy	Calm	6:17	8.2	Surface	1.0	1	18.1	8.0	33.9	8.7	112.4	5.8	5.0	8.6	6.1	6.0								
									2	18.1	8.0	33.9	8.7	112.4	5.7	4.9											
							Middle	4.1	1	18.3	8.0	34.1	8.5	110.5	6.1	6.2											
									2	18.3	8.0	34.1	8.5	110.4	6.1	6.7											
							Bottom	7.2	1	18.4	8.0	34.3	8.4	109.2	6.5	6.7											
									2	18.4	8.0	34.3	8.3	109.1	6.6	6.3											
		TCE-WQM2a	Cloudy	Moderate	5:43	7.8	Surface	1.0	1	18.5	7.9	33.8	8.6	112.7	4.4	8.3	8.4	6.6	7.6								
									2	18.5	7.9	33.8	8.6	112.7	4.4	8.7											
							Middle	3.9	1	18.5	7.9	33.8	8.2	106.9	7.2	7.3											
									2	18.5	7.9	33.8	8.2	106.8	7.1	7.9											
							Bottom	6.8	1	18.6	7.8	33.9	8.1	105.8	8.1	6.4											
									2	18.6	7.8	33.9	8.1	105.8	8.1	6.8											
		TCE-WQM2b	Cloudy	Moderate	5:32	11.3	Surface	1.0	1	18.6	7.9	33.8	8.0	104.5	5.5	3.8	7.9	6.0	4.5								
									2	18.6	7.9	33.8	8.0	104.1	5.5	3.6											
							Middle	5.7	1	18.6	7.9	33.9	7.9	102.8	5.3	3.9											
									2	18.6	7.9	33.9	7.9	102.8	5.3	4.7											
							Bottom	10.3	1	18.7	7.9	34.0	7.8	102.5	7.2	5.3											
									2	18.7	7.9	34.0	7.9	102.9	7.1	5.9											
		TCE-WQM3A	Cloudy	Calm	5:55	4.1	Surface	1.0	1	18.6	7.9	33.7	8.4	109.1	3.5	7.6	8.3	4.9	7.5								
									2	18.6	7.9	33.7	8.3	109.0	3.1	7.3											
							Bottom	3.1	1	18.6	7.9	33.8	8.1	106.4	6.4	7.1											
									2	18.6	7.9	33.8	8.1	106.4	6.4	8.0											
							TCE-WQM4	Cloudy	Calm	6:06	3.6	Surface	1.0	1	18.2	8.0				33.7	8.7	113.2	4.5	7.0	8.7	4.8	7.4
													2	18.2	8.0	33.7				8.7	113.0	4.5	7.8				
		Bottom	2.6	1	18.2	8.0	33.7					8.2	106.3	5.1	6.9												
				2	18.2	8.0	33.7					8.2	105.9	5.2	7.9												
		TCE-WQM3A	Cloudy	Calm	12:23	8.4	Surface					1.0	1	18.9	7.8	34.7	8.1	106.6	6.2	5.2	8.0	6.5	5.4				
												2	18.9	7.8	34.7	8.1	106.6	6.2	5.7								
		Middle					4.1	1	18.9	7.8	34.7	7.9	104.8	6.4	5.4												
								2	18.9	7.8	34.7	7.9	104.9	6.4	5.8												
		Bottom					7.2	1	18.9	7.8	34.7	7.8	103.3	6.8	5.5												
								2	18.9	7.8	34.7	7.8	103.4	6.8	4.7												
		TCE-C2	Cloudy	Moderate	13:40	12.7	Surface	1.0	1	19.4	7.9	34.4	7.3	96.8	6.4	4.0	7.2	7.6	5.5								
									2	19.4	7.9	34.4	7.2	96.4	6.3	4.5											
							Middle	6.4	1	19.4	7.9	34.5	7.2	95.8	7.4	4.9											
									2	19.4	7.9	34.5	7.2	95.8	7.4	5.3											
Bottom	11.7						1	19.4	7.9	34.5	7.3	96.7	8.9	7.2													
							2	19.4	7.9	34.5	7.3	96.9	8.9	7.2													
TCE-WQM1	Cloudy	Calm	12:23	8.4	Surface	1.0	1	18.2	8.0	33.7	9.5	122.7	4.6	7.0	9.2	5.4	5.7										
							2	18.2	8.0	33.7	9.4	121.6	4.6	7.9													
					Middle	4.2	1	18.2	7.9	33.7	9.0	116.7	5.2	4.7													
							2	18.2	7.9	33.7	8.9	115.8	5.1	5.2													
					Bottom	7.4	1	18.3	7.9	34.0	8.5	110.2	6.5	4.5													
							2	18.3	7.9	34.0	8.5	110.2	6.5	4.9													
TCE-WQM2a	Cloudy	Moderate	12:59	7.6	Surface	1.0	1	18.8	8.0	33.9	8.4	110.4	6.1	8.8	8.3	7.4	7.3										
							2	18.8	8.0	33.9	8.4	110.4	6.1	7.9													
					Middle	3.8	1	18.8	8.0	33.9	8.2	107.4	7.8	6.9													
							2	18.8	8.0	33.9	8.2	107.4	7.8	7.3													
					Bottom	6.6	1	18.8	8.0	33.9	8.0	104.8	8.2	6.7													
							2	18.8	8.0	33.9	8.0	104.8	8.2	6.4													
TCE-WQM2b	Cloudy	Moderate	13:13	11.2	Surface	1.0	1	19.0	8.0	34.0	8.1	107.5	4.1	7.5	8.1	5.9	7.4										
							2	19.0	8.0	34.0	8.1	107.3	4.2	8.5													
					Middle	5.6	1	19.0	8.0	34.0	8.1	106.6	6.7	7.7													
							2	19.0	8.0	34.0	8.1	106.3	6.6	7.1													
					Bottom	10.2	1	19.0	8.0	34.0	7.9	104.5	6.9	6.9													
							2	19.0	8.0	34.0	7.9	104.4	6.9	6.6													
TCE-WQM3A	Cloudy	Calm	12:48	4.0	Surface	1.0	1	18.7	8.0	33.8	8.4	110.5	3.4	7.3	8.4	3.7	7.5										
							2	18.7	8.0	33.8	8.4	110.3	3.4	6.9													
					Bottom	3.0	1	18.7	8.0	33.8	8.1	106.3	4.0	7.4													
							2	18.7	8.0	33.8	8.1	105.7	4.1	8.2													
					TCE-WQM4	Cloudy	Calm	12:37	3.4	Surface	1.0	1	18.2	8.0				33.7	9.0	117.0	3.8	9.4	9.0	4.2	10.2		
											2	18.2	8.0	33.7				9.0	116.9	4.0	9.4						
Bottom	2.4	1	18.2	8.0	33.7					8.8	113.5	4.5	10.2														
		2	18.2	8.0	33.7					8.7	113.4	4.6	11.6														

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)								
05-02-20	Mid-Ebb	TCE-C1	Cloudy	Moderate	10:47	8.2	Surface	1.0	1	18.9	7.9	34.6	7.9	103.8	2.5	5.4	7.8	2.8	6.2								
									2	18.9	7.9	34.6	7.8	103.6	2.5	6.0											
							Middle	4.1	1	18.8	7.9	34.6	7.8	102.6	2.8	5.9											
									2	18.8	7.9	34.6	7.8	102.7	2.9	6.8											
							Bottom	7.2	1	18.8	7.9	34.6	7.7	102.2	3.0	6.3											
									2	18.8	7.9	34.6	7.7	102.2	3.1	6.9											
		TCE-C2	Rainy	Moderate	8:49	12.8	Surface	1.0	1	19.3	7.8	34.4	6.8	90.4	6.5	6.5	6.7	6.7	6.3								
									2	19.3	7.8	34.4	6.8	90.1	6.4	7.3											
							Middle	6.4	1	19.5	7.8	34.7	6.6	88.7	6.2	6.3											
									2	19.5	7.8	34.7	6.6	88.7	6.2	5.8											
							Bottom	11.8	1	19.5	7.8	34.7	6.6	88.5	7.5	5.8											
									2	19.5	7.8	34.7	6.6	88.5	7.5	6.0											
		TCE-WQM1	Cloudy	Calm	10:03	7.7	Surface	1.0	1	18.6	8.0	33.9	8.2	105.8	2.9	6.3	8.2	4.9	7.9								
									2	18.6	8.0	33.9	8.2	105.4	3.0	5.9											
							Middle	3.9	1	18.6	8.0	33.9	8.2	105.7	3.1	8.4											
									2	18.6	8.0	33.9	8.2	105.7	3.2	9.0											
							Bottom	6.7	1	18.6	8.0	33.9	8.1	103.7	8.4	8.5											
									2	18.6	8.0	33.9	8.0	103.8	8.5	9.5											
		TCE-WQM2a	Rainy	Moderate	9:28	7.7	Surface	1.0	1	18.7	7.9	33.5	8.1	105.7	5.0	6.4	8.0	5.8	7.0								
									2	18.7	7.9	33.5	8.1	105.7	5.0	6.9											
							Middle	3.9	1	18.8	7.9	33.5	8.0	104.5	5.1	6.8											
									2	18.8	7.9	33.5	8.0	104.1	5.2	7.3											
							Bottom	6.7	1	18.8	7.9	33.6	7.9	103.1	7.1	6.9											
									2	18.8	7.9	33.6	7.8	102.6	7.1	7.8											
		TCE-WQM2b	Rainy	Moderate	9:17	11.2	Surface	1.0	1	19.0	7.9	33.9	7.6	99.6	4.1	6.4	7.5	5.3	6.9								
									2	19.0	7.9	33.9	7.5	99.2	4.1	5.6											
							Middle	5.6	1	19.1	7.8	34.0	7.4	98.1	5.3	6.9											
									2	19.1	7.8	34.0	7.4	97.9	5.3	6.6											
							Bottom	10.2	1	19.1	7.8	34.1	7.4	97.9	6.4	7.5											
									2	19.1	7.8	34.1	7.4	98.0	6.4	8.1											
		TCE-WQM3A	Cloudy	Calm	9:40	4.3	Surface	1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4	8.1	4.9	6.7								
									2	18.7	8.0	33.4	8.1	105.6	4.1	6.8											
							Bottom	3.3	1	18.7	7.9	33.5	7.9	103.0	5.7	6.9											
									2	18.7	7.9	33.5	8.0	102.8	5.8	5.7											
							TCE-WQM4	Cloudy	Calm	9:50	3.7	Surface	1.0	1	18.7	8.0				33.8	8.1	105.3	3.2	12.2	8.1	4.2	11.3
													2	18.7	8.0	33.8				8.1	105.2	3.3	10.9				
		Bottom	2.7	1	18.6	8.0	33.9					8.0	103.9	5.1	11.5												
				2	18.6	8.0	33.9					8.0	103.7	5.1	10.4												
		TCE-WQM3A	Cloudy	Calm	9:40	4.3	Surface					1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4	8.1	4.9	6.7				
												2	18.7	8.0	33.4	8.1	105.6	4.1	6.8								
		Bottom					3.3	1	18.7	7.9	33.5	7.9	103.0	5.7	6.9												
								2	18.7	7.9	33.5	8.0	102.8	5.8	5.7												
		TCE-WQM4					Cloudy	Calm	9:50	3.7	Surface	1.0	1	18.7	8.0	33.8	8.1	105.3	3.2	12.2				8.1	4.2	11.3	
												2	18.7	8.0	33.8	8.1	105.2	3.3	10.9								
		Bottom	2.7	1	18.6	8.0					33.9	8.0	103.9	5.1	11.5												
				2	18.6	8.0					33.9	8.0	103.7	5.1	10.4												
		TCE-WQM3A	Cloudy	Calm	9:40	4.3					Surface	1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4	8.1	4.9	6.7				
												2	18.7	8.0	33.4	8.1	105.6	4.1	6.8								
Bottom	3.3	1					18.7	7.9	33.5	7.9	103.0	5.7	6.9														
		2					18.7	7.9	33.5	8.0	102.8	5.8	5.7														
TCE-WQM4	Cloudy	Calm					9:50	3.7	Surface	1.0	1	18.7	8.0	33.8	8.1	105.3	3.2	12.2	8.1	4.2				11.3			
										2	18.7	8.0	33.8	8.1	105.2	3.3	10.9										
Bottom			2.7	1	18.6	8.0			33.9	8.0	103.9	5.1	11.5														
				2	18.6	8.0			33.9	8.0	103.7	5.1	10.4														
TCE-WQM3A			Cloudy	Calm	9:40	4.3			Surface	1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4			8.1	4.9	6.7				
										2	18.7	8.0	33.4	8.1	105.6	4.1	6.8										
Bottom	3.3	1					18.7	7.9	33.5	7.9	103.0	5.7	6.9														
		2					18.7	7.9	33.5	8.0	102.8	5.8	5.7														
TCE-WQM4	Cloudy	Calm					9:50	3.7	Surface	1.0	1	18.7	8.0	33.8	8.1	105.3	3.2	12.2	8.1	4.2				11.3			
										2	18.7	8.0	33.8	8.1	105.2	3.3	10.9										
Bottom			2.7	1	18.6	8.0			33.9	8.0	103.9	5.1	11.5														
				2	18.6	8.0			33.9	8.0	103.7	5.1	10.4														
TCE-WQM3A			Cloudy	Calm	9:40	4.3			Surface	1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4			8.1	4.9	6.7				
										2	18.7	8.0	33.4	8.1	105.6	4.1	6.8										
Bottom	3.3	1					18.7	7.9	33.5	7.9	103.0	5.7	6.9														
		2					18.7	7.9	33.5	8.0	102.8	5.8	5.7														
TCE-WQM4	Cloudy	Calm					9:50	3.7	Surface	1.0	1	18.7	8.0	33.8	8.1	105.3	3.2	12.2	8.1	4.2				11.3			
										2	18.7	8.0	33.8	8.1	105.2	3.3	10.9										
Bottom			2.7	1	18.6	8.0			33.9	8.0	103.9	5.1	11.5														
				2	18.6	8.0			33.9	8.0	103.7	5.1	10.4														
TCE-WQM3A			Cloudy	Calm	9:40	4.3			Surface	1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4			8.1	4.9	6.7				
										2	18.7	8.0	33.4	8.1	105.6	4.1	6.8										
Bottom	3.3	1					18.7	7.9	33.5	7.9	103.0	5.7	6.9														
		2					18.7	7.9	33.5	8.0	102.8	5.8	5.7														
TCE-WQM4	Cloudy	Calm					9:50	3.7	Surface	1.0	1	18.7	8.0	33.8	8.1	105.3	3.2	12.2	8.1	4.2				11.3			
										2	18.7	8.0	33.8	8.1	105.2	3.3	10.9										
Bottom			2.7	1	18.6	8.0			33.9	8.0	103.9	5.1	11.5														
				2	18.6	8.0			33.9	8.0	103.7	5.1	10.4														
TCE-WQM3A			Cloudy	Calm	9:40	4.3			Surface	1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4			8.1	4.9	6.7				
										2	18.7	8.0	33.4	8.1	105.6	4.1	6.8										
Bottom	3.3	1					18.7	7.9	33.5	7.9	103.0	5.7	6.9														
		2					18.7	7.9	33.5	8.0	102.8	5.8	5.7														
TCE-WQM4	Cloudy	Calm					9:50	3.7	Surface	1.0	1	18.7	8.0	33.8	8.1	105.3	3.2	12.2	8.1	4.2				11.3			
										2	18.7	8.0	33.8	8.1	105.2	3.3	10.9										
Bottom			2.7	1	18.6	8.0			33.9	8.0	103.9	5.1	11.5														
				2	18.6	8.0			33.9	8.0	103.7	5.1	10.4														
TCE-WQM3A			Cloudy	Calm	9:40	4.3			Surface	1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4			8.1	4.9	6.7				
										2	18.7	8.0	33.4	8.1	105.6	4.1	6.8										
Bottom	3.3	1					18.7	7.9	33.5	7.9	103.0	5.7	6.9														
		2					18.7	7.9	33.5	8.0	102.8	5.8	5.7														
TCE-WQM4	Cloudy	Calm					9:50	3.7	Surface	1.0	1	18.7	8.0	33.8	8.1	105.3	3.2	12.2	8.1	4.2				11.3			
										2	18.7	8.0	33.8	8.1	105.2	3.3	10.9										
Bottom			2.7	1	18.6	8.0			33.9	8.0	103.9	5.1	11.5														
				2	18.6	8.0			33.9	8.0	103.7	5.1	10.4														
TCE-WQM3A			Cloudy	Calm	9:40	4.3			Surface	1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4			8.1	4.9	6.7				
										2	18.7	8.0	33.4	8.1	105.6	4.1	6.8										
Bottom	3.3	1					18.7	7.9	33.5	7.9	103.0	5.7	6.9														
		2					18.7	7.9	33.5	8.0	102.8	5.8	5.7														
TCE-WQM4	Cloudy	Calm					9:50	3.7	Surface	1.0	1	18.7	8.0	33.8	8.1	105.3	3.2	12.2	8.1	4.2				11.3			
										2	18.7	8.0	33.8	8.1	105.2	3.3	10.9										
Bottom			2.7	1	18.6	8.0			33.9	8.0	103.9	5.1	11.5														
				2	18.6	8.0			33.9	8.0	103.7	5.1	10.4														
TCE-WQM3A			Cloudy	Calm	9:40	4.3			Surface	1.0	1	18.7	8.0	33.4	8.1	105.6	4.1	7.4			8.1	4.9	6.7				

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)					
07-02-20	Mid-Ebb	TCE-C1	Cloudy	Rough	12:18	8.8	Surface	1.0	1	18.9	8.2	34.2	7.7	101.3	4.6	9.9	7.6	6.5	10.0					
									2	18.9	8.2	34.2	7.7	101.2	4.6	9.5								
							Middle	4.4	1	18.8	8.2	34.3	7.5	98.2	6.0	9.1								
									2	18.8	8.2	34.3	7.5	98.2	6.2	9.3								
				Bottom	7.8	1	18.8	8.2	34.3	7.4	97.4	8.6	10.4	7.4										
						2	18.8	8.2	34.3	7.4	97.4	8.7	11.8											
		TCE-C2	Cloudy	Moderate	10:18	14.6	Surface	1.0	1	19.3	8.1	34.2	6.8				90.1	2.2	4.8	6.7	2.5	5.5		
									2	19.3	8.1	34.2	6.8				90.1	2.1	5.2					
							Middle	7.3	1	19.2	8.1	34.3	6.7	88.6	2.6	5.0								
									2	19.2	8.1	34.3	6.7	88.6	2.6	5.5								
				Bottom	13.6	1	19.3	8.0	34.3	6.7	88.5	2.7	6.5	6.7										
						2	19.3	8.0	34.3	6.7	88.6	2.7	6.2											
		TCE-WQM1	Cloudy	Moderate	11:29	8.3	Surface	1.0	1	18.6	8.2	33.8	7.5				98.3	5.5	9.0	7.5	6.0	10.1		
									2	18.6	8.2	33.8	7.5				98.3	5.5	10.0					
							Middle	4.2	1	18.6	8.2	33.8	7.4	97.3	6.1	10.4								
									2	18.6	8.2	33.8	7.4	97.3	6.0	10.2								
				Bottom	7.3	1	18.6	8.2	33.8	7.4	96.3	6.5	10.0	7.4										
						2	18.6	8.2	33.8	7.4	96.2	6.5	11.1											
		TCE-WQM2a	Cloudy	Moderate	10:55	7.1	Surface	1.0	1	19.0	8.2	33.9	7.4				97.2	4.4	7.1	7.3	5.4	8.0		
									2	19.0	8.2	33.9	7.4				97.2	4.4	7.7					
							Middle	3.6	1	18.9	8.2	33.9	7.2	94.9	5.7	8.3								
									2	18.9	8.2	33.9	7.2	94.9	5.6	8.2								
				Bottom	6.1	1	19.0	8.2	34.0	7.2	94.5	6.3	8.9	7.2										
						2	19.0	8.2	34.0	7.2	94.5	6.2	8.0											
		TCE-WQM2b	Cloudy	Moderate	10:44	7.6	Surface	1.0	1	19.1	8.1	33.9	7.3				95.7	2.6	5.6	7.2	2.8	5.6		
									2	19.1	8.1	33.9	7.3				95.7	2.6	5.4					
							Middle	3.8	1	19.1	8.1	34.0	7.1	94.2	2.7	5.6								
									2	19.1	8.1	34.0	7.1	94.0	2.8	5.7								
				Bottom	6.6	1	19.1	8.1	34.0	7.1	94.0	3.0	5.2	7.1										
						2	19.1	8.1	34.0	7.1	94.2	3.0	6.3											
		TCE-WQM3A	Cloudy	Moderate	11:07	4.5	Surface	1.0	1	19.0	8.2	33.9	7.1				93.2	3.9	8.4	7.1	4.0	9.5		
									2	19.0	8.2	33.9	7.1				93.1	3.9	9.3					
							Bottom	3.5	1	19.0	8.1	33.9	7.0	92.4	4.1	10.5								
									2	19.0	8.1	34.0	7.0	92.4	4.2	9.7								
		TCE-WQM4	Cloudy	Moderate	11:17	3.9	Surface	1.0	1	18.9	8.2	33.7	7.5	98.2	5.1	13.4	7.5	5.2	14.6					
									2	18.9	8.2	33.7	7.5	98.1	5.1	14.6								
							Bottom	2.9	1	18.8	8.2	33.8	7.1	93.2	5.2	15.7								
									2	18.8	8.2	33.8	7.1	93.1	5.2	14.8								
		07-02-20	Mid-Flood	TCE-C1	Fine	Rough	15:09	8.7	Surface	1.0	1	18.9	8.2	33.9	8.2	107.4	2.7	5.8	8.0	4.7	6.7			
											2	18.9	8.2	33.9	8.2	107.3	2.8	6.2						
									Middle	4.4	1	18.9	8.2	34.1	7.8	103.1	3.4	6.3						
											2	18.9	8.2	34.1	7.8	102.9	3.3	7.2						
						Bottom	7.7	1	18.8	8.2	34.3	7.4	97.8	8.1	7.1	7.4								
								2	18.8	8.2	34.3	7.4	97.8	8.2	7.6									
				TCE-C2	Fine	Moderate	17:25	15.7	Surface	1.0	1	19.4	8.1	34.3	6.7				89.4	2.1	4.3	6.7	4.1	5.9
											2	19.4	8.1	34.3	6.7				89.4	2.1	5.2			
									Middle	7.9	1	19.3	8.1	34.3	6.6	88.1	4.0	4.9						
											2	19.3	8.1	34.3	6.6	88.1	4.0	5.5						
				Bottom	14.7	1	19.3	8.1	34.3	6.6	88.0	6.0	8.0	6.6										
						2	19.3	8.1	34.3	6.6	88.0	6.1	7.3											
TCE-WQM1	Fine			Moderate	16:07	9.4	Surface	1.0	1	18.8	8.2	33.8	7.7				100.8	4.9	12.9	7.6	6.0	13.3		
									2	18.8	8.2	33.8	7.7				100.7	4.9	11.5					
							Middle	4.7	1	18.8	8.2	33.9	7.6	99.5	6.5	11.4								
									2	18.8	8.2	33.9	7.6	99.5	6.5	12.8								
				Bottom	8.4	1	18.7	8.2	34.0	7.6	99.5	6.6	15.2	7.6										
						2	18.7	8.2	34.0	7.6	99.5	6.6	15.9											
TCE-WQM2a	Fine			Moderate	16:43	7.2	Surface	1.0	1	19.0	8.2	33.8	7.4				96.9	7.0	18.0	7.3	6.4	15.3		
									2	19.0	8.2	33.8	7.4				96.9	7.0	17.4					
							Middle	3.6	1	19.0	8.2	33.9	7.3	96.4	5.1	15.5								
									2	19.0	8.2	33.9	7.3	96.4	5.2	15.9								
				Bottom	6.2	1	19.0	8.2	33.9	7.3	96.5	6.9	12.5	7.3										
						2	19.0	8.2	33.9	7.3	96.5	7.1	12.3											
TCE-WQM2b	Fine			Moderate	16:54	12.1	Surface	1.0	1	19.1	8.2	33.8	7.5				98.6	1.8	7.0	7.3	2.8	6.3		
									2	19.1	8.2	33.8	7.5				98.4	1.9	6.4					
							Middle	6.1	1	19.3	8.1	34.0	7.1	93.7	2.8	5.9								
									2	19.2	8.1	34.0	7.1	93.8	2.8	6.8								
				Bottom	11.1	1	19.3	8.1	34.1	7.0	93.2	3.7	6.2	7.0										
						2	19.3	8.1	34.1	7.0	93.2	3.7	5.2											
TCE-WQM3A	Fine			Moderate	16:31	4.2	Surface	1.0	1	19.3	8.2	33.9	7.5				98.9	2.2	7.3	7.5	2.7	7.0		
									2	19.3	8.2	33.9	7.5				98.9	2.2	6.4					
							Bottom	3.2	1	19.2	8.2	33.9	7.3	96.1	3.2	6.8								
									2	19.2	8.2	33.9	7.3	96.1	3.2	7.4								
TCE-WQM4	Fine			Moderate	16:20	3.6	Surface	1.0	1	18.9	8.2	33.8	7.3	96.3	5.3	12.8	7.3	5.9	13.9					
									2	18.9	8.2	33.8	7.3	96.3	5.3	14.0								
							Bottom	2.6	1	18.9	8.2	33.8	7.2	94.9	6.5	13.9								
									2	18.9	8.2	33.8	7.2	94.7	6.6	14.7								

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)								
10-02-20	Mid-Ebb	TCE-C1	Cloudy	Moderate	12:18	7.9	Surface	1.0	1	18.4	8.3	33.9	7.5	98.2	8.8	14.1	7.5	10.7	13.5								
									2	18.4	8.3	33.9	7.5	98.2	8.8	15.0											
							Middle	4.0	1	18.3	8.3	34.0	7.5	97.7	11.0	13.2											
									2	18.3	8.3	34.0	7.5	97.7	10.5	12.9											
							Bottom	6.9	1	18.3	8.3	34.0	7.6	99.2	12.4	12.3											
									2	18.3	8.3	34.0	7.6	99.3	13.0	13.5											
		TCE-C2	Cloudy	Moderate	14:14	12.9	Surface	1.0	1	18.7	8.3	33.8	7.2	94.5	4.0	8.2	7.1	6.0	9.2								
									2	18.7	8.3	33.8	7.2	94.1	4.2	8.7											
							Middle	6.5	1	18.8	8.3	33.8	7.1	92.7	5.5	9.4											
									2	18.8	8.3	33.8	7.1	92.5	5.8	9.7											
							Bottom	11.9	1	18.8	8.3	34.0	7.1	93.2	8.4	10.1											
									2	18.8	8.3	34.0	7.1	93.4	8.2	9.0											
		TCE-WQM1	Cloudy	Calm	13:06	8.0	Surface	1.0	1	18.4	8.4	33.6	7.7	99.6	7.0	9.8	7.7	7.4	11.5								
									2	18.4	8.4	33.6	7.7	99.6	7.1	10.4											
							Middle	4.0	1	18.4	8.4	33.6	7.7	99.6	7.4	11.5											
									2	18.4	8.4	33.6	7.7	99.6	7.4	10.9											
							Bottom	7.0	1	18.4	8.4	33.6	7.7	99.8	7.7	13.9											
									2	18.4	8.4	33.6	7.7	99.8	7.9	12.7											
		TCE-WQM2a	Cloudy	Moderate	13:39	7.0	Surface	1.0	1	18.5	8.3	33.6	7.6	98.8	6.8	11.5	7.6	7.8	10.2								
									2	18.5	8.3	33.6	7.6	98.8	6.8	10.3											
							Middle	3.5	1	18.5	8.3	33.6	7.5	98.2	8.3	10.1											
									2	18.5	8.3	33.6	7.5	98.2	8.6	11.3											
							Bottom	6.0	1	18.4	8.3	33.6	7.6	99.1	8.7	8.6											
									2	18.4	8.3	33.6	7.6	99.6	7.8	9.6											
TCE-WQM2b	Cloudy	Moderate	13:51	11.2	Surface	1.0	1	18.6	8.3	33.6	7.6	99.1	3.7	7.7	7.6	4.9	9.0										
							2	18.6	8.3	33.6	7.6	99.1	3.8	7.7													
					Middle	5.6	1	18.6	8.3	33.6	7.5	98.5	4.7	8.7													
							2	18.6	8.3	33.6	7.5	98.4	4.7	9.6													
					Bottom	10.2	1	18.6	8.3	33.6	7.5	98.5	6.1	10.3													
							2	18.6	8.3	33.6	7.6	98.7	6.2	9.8													
TCE-WQM3A	Cloudy	Calm	13:29	4.1	Surface	1.0	1	18.6	8.3	33.7	7.6	98.7	3.4	6.9	7.6	3.9	8.6										
							2	18.6	8.3	33.7	7.6	98.7	3.6	7.3													
					Bottom	3.1	1	18.6	8.3	33.7	7.6	99.3	4.2	10.3													
							2	18.6	8.3	33.7	7.6	99.6	4.3	9.7													
					TCE-WQM4	Cloudy	Calm	13:19	3.6	Surface	1.0	1	18.6	8.3				33.7	7.7	100.6	4.2	8.8	7.7	4.5	9.5		
												2	18.6	8.3				33.7	7.7	100.6	4.3	9.7					
Bottom	2.6	1	18.5	8.3						33.7	7.7	100.9	4.6	9.3													
		2	18.5	8.3						33.7	7.7	101.0	4.7	10.3													
10-02-20	Mid-Flood	TCE-C1	Cloudy	Moderate						9:37	7.9	Surface	1.0	1	18.3	8.4	33.2	7.7	99.7	8.9	13.4	7.6				9.7	14.2
														2	18.3	8.4	33.2	7.7	99.7	8.9	12.8						
					Middle	4.0	1	18.3	8.3			33.7	7.6	98.7	9.8	13.3											
							2	18.3	8.3			33.7	7.6	98.7	9.5	13.0											
					Bottom	6.9	1	18.3	8.3			33.7	7.6	98.8	10.1	16.1											
							2	18.3	8.3			33.7	7.6	98.8	10.9	16.3											
		TCE-C2	Cloudy	Moderate	7:41	12.7	Surface	1.0	1	18.7	8.2	33.7	7.4	96.2	4.8	9.1	7.3	6.3	9.7								
									2	18.7	8.2	33.7	7.4	96.2	4.8	10.1											
							Middle	6.4	1	18.7	8.2	33.7	7.3	96.0	5.4	9.4											
									2	18.7	8.2	33.7	7.3	96.0	5.6	10.0											
							Bottom	11.7	1	18.7	8.2	33.7	7.3	95.9	8.4	9.7											
									2	18.7	8.2	33.7	7.3	95.9	8.6	9.7											
		TCE-WQM1	Cloudy	Calm	8:51	7.7	Surface	1.0	1	18.5	8.3	33.8	7.4	96.3	6.1	15.5	7.4	6.3	13.8								
									2	18.5	8.3	33.8	7.4	96.3	6.2	13.8											
							Middle	3.9	1	18.5	8.3	33.8	7.4	96.3	5.8	13.9											
									2	18.5	8.3	33.8	7.4	96.3	5.7	13.7											
							Bottom	6.7	1	18.4	8.3	33.8	7.5	97.3	7.0	13.4											
									2	18.4	8.3	33.8	7.5	97.7	6.8	12.7											
		TCE-WQM2a	Cloudy	Moderate	8:18	6.9	Surface	1.0	1	18.4	8.3	33.6	7.6	98.7	5.3	10.6	7.6	7.2	12.4								
									2	18.4	8.3	33.6	7.6	98.7	5.3	10.3											
							Middle	3.5	1	18.4	8.3	33.6	7.6	98.8	8.5	12.1											
									2	18.4	8.3	33.6	7.6	98.9	8.3	13.6											
							Bottom	5.9	1	18.4	8.3	33.6	7.6	99.4	7.9	14.5											
									2	18.4	8.3	33.6	7.6	99.5	8.0	13.2											
TCE-WQM2b	Cloudy	Moderate	8:05	10.7	Surface	1.0	1	18.4	8.3	33.6	7.5	98.2	7.5	16.4	7.5	8.8	16.2										
							2	18.4	8.3	33.6	7.5	98.1	7.6	17.7													
					Middle	5.4	1	18.5	8.3	33.6	7.5	97.9	8.3	17.9													
							2	18.5	8.3	33.6	7.5	97.9	8.5	16.8													
					Bottom	9.7	1	18.5	8.3	33.6	7.5	98.2	10.2	13.8													
							2	18.5	8.3	33.6	7.5	98.2	10.5	14.5													
TCE-WQM3A	Cloudy	Calm	8:30	4.2	Surface	1.0	1	18.6	8.3	33.8	7.4	96.6	4.0	10.6	7.4	6.0	11.7										
							2	18.6	8.3	33.8	7.4	96.6	4.0	10.0													
					Bottom	3.2	1	18.6	8.3	33.8	7.4	97.1	8.0	13.9													
							2	18.6	8.3	33.8	7.4	97.2	8.0	12.3													
					TCE-WQM4	Cloudy	Calm	8:40	3.5	Surface	1.0	1	18.5	8.3				33.7	7.5	98.3	7.1	19.0	7.5	8.5	16.2		
												2	18.5	8.3				33.7	7.5	98.3	7.1	17.2					
Bottom	2.5	1	18.4	8.3						33.7	7.7	99.8	9.7	13.7													
		2	18.4	8.3						33.7	7.7	99.9	10.0	14.9													

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)										
12-02-20	Mid-Ebb	TCE-C1	Cloudy	Rough	13:50	7.9	Surface	1.0	1	18.7	8.2	32.0	7.6	98.3	6.0	11.1	7.5	8.4	12.7										
									2	18.6	8.2	32.0	7.6	98.3	6.0	11.7													
							Middle	4.0	1	18.3	8.1	32.5	7.5	96.3	10.1	12.7													
									2	18.3	8.1	32.5	7.5	96.3	10.1	13.3													
							Bottom	6.9	1	18.3	8.0	32.7	7.5	96.7	9.1	13.1													
									2	18.3	8.0	32.7	7.5	96.7	9.1	14.0													
		TCE-C2	Cloudy	Moderate	15:42	14.2	Surface	1.0	1	18.8	8.3	33.3	7.3	95.1	3.3	5.1	7.1	3.8	6.9										
									2	18.8	8.3	33.3	7.2	94.7	3.3	5.6													
							Middle	7.1	1	18.7	8.2	33.6	7.0	91.4	3.9	7.7													
									2	18.7	8.2	33.6	7.0	91.4	3.9	6.9													
							Bottom	13.2	1	18.7	8.3	33.6	7.0	91.2	4.1	8.0													
									2	18.7	8.3	33.6	7.0	91.3	4.5	8.2													
		TCE-WQM1	Cloudy	Moderate	14:32	9.7	Surface	1.0	1	18.6	8.3	32.2	7.4	95.8	10.6	17.3	7.4	9.6	19.7										
									2	18.6	8.3	32.2	7.4	95.8	10.9	18.6													
							Middle	4.9	1	18.6	8.3	32.2	7.4	95.7	10.6	18.4													
									2	18.6	8.3	32.2	7.4	95.7	10.4	20.2													
							Bottom	8.7	1	18.6	8.3	32.2	7.4	95.6	7.6	21.0													
									2	18.6	8.3	32.2	7.4	95.7	7.7	22.4													
		TCE-WQM2a	Cloudy	Moderate	15:08	8.3	Surface	1.0	1	18.8	8.3	32.5	7.5	96.5	3.2	7.1	7.3	5.5	7.7										
									2	18.8	8.3	32.5	7.5	96.5	3.2	7.5													
							Middle	4.2	1	18.8	8.3	32.5	7.2	93.7	6.1	7.9													
									2	18.8	8.3	32.5	7.2	93.6	6.2	7.1													
							Bottom	7.3	1	18.8	8.3	32.5	7.2	92.9	7.2	8.4													
									2	18.8	8.3	32.5	7.2	92.9	7.3	8.0													
		TCE-WQM2b	Cloudy	Moderate	15:19	10.1	Surface	1.0	1	18.7	8.2	33.3	7.3	95.9	4.2	7.8	7.3	6.2	8.5										
									2	18.7	8.2	33.3	7.3	95.9	4.2	8.7													
							Middle	5.1	1	18.6	8.2	33.3	7.3	95.2	6.1	7.9													
									2	18.6	8.2	33.3	7.3	95.2	6.1	8.9													
							Bottom	9.1	1	18.6	8.2	33.3	7.3	95.0	8.5	8.4													
									2	18.6	8.2	33.3	7.3	95.1	8.5	9.5													
		TCE-WQM3A	Cloudy	Moderate	14:55	3.9	Surface	1.0	1	19.3	8.3	32.4	7.4	97.7	2.7	6.0	7.4	3.1	7.2										
									2	19.3	8.3	32.4	7.4	97.7	2.7	6.9													
							Bottom	2.9	1	18.8	8.3	32.4	7.3	95.6	3.6	8.4													
									2	18.8	8.3	32.4	7.4	95.6	3.6	7.4													
							TCE-WQM4	Cloudy	Moderate	14:44	3.2	Surface	1.0	1	19.0	8.3				32.4	7.4	96.8	5.4	10.7	7.4	5.7	11.5		
														2	19.0	8.3				32.4	7.4	96.8	5.5	10.1					
		Bottom	2.2	1	18.8	8.3						32.4	7.4	96.7	6.0	12.1													
				2	18.8	8.3						32.4	7.4	96.6	6.0	13.0													
		12-02-20	Mid-Flood	TCE-C1	Cloudy	Moderate						11:26	7.3	Surface	1.0	1	18.3	8.2	32.3	7.4	95.8	8.6	39.0	7.4				11.4	31.7
																2	18.3	8.2	32.3	7.4	95.7	8.6	40.4						
							Middle	3.7	1	18.2	8.2			32.6	7.4	95.2	10.6	28.4											
									2	18.2	8.2			32.6	7.4	95.1	10.6	31.3											
							Bottom	6.3	1	18.2	8.2			32.7	7.4	95.1	15.1	25.6											
									2	18.2	8.2			32.7	7.4	95.1	15.1	25.6											
				TCE-C2	Cloudy	Moderate	8:50	13.5	Surface	1.0	1	18.4	8.2	32.2	7.3	94.7	6.2	10.1	7.3	8.3	14.5								
											2	18.4	8.1	32.2	7.3	94.8	6.2	11.1											
									Middle	6.8	1	18.4	8.1	32.2	7.3	94.4	8.5	13.3											
											2	18.4	8.1	32.2	7.3	94.3	10.3	20.2											
Bottom	12.5								1	18.4	8.1	32.2	7.3	94.3	10.3	17.7													
									2	18.4	8.1	32.2	7.3	94.3	10.3	17.7													
TCE-WQM1	Cloudy			Moderate	10:04	9.8	Surface	1.0	1	18.4	8.3	32.4	7.3	94.0	9.6	20.8	7.3	9.4	18.0										
									2	18.4	8.3	32.4	7.3	94.0	9.7	20.4													
							Middle	4.9	1	18.4	8.3	32.4	7.3	94.1	9.3	18.6													
									2	18.4	8.3	32.4	7.3	94.1	9.5	16.9													
							Bottom	8.8	1	18.4	8.3	32.4	7.3	94.2	9.2	16.2													
									2	18.4	8.3	32.4	7.3	94.2	9.1	15.0													
TCE-WQM2a	Cloudy			Moderate	9:28	7.3	Surface	1.0	1	18.3	8.3	32.2	7.4	95.2	14.6	23.0	7.4	11.2	21.4										
									2	18.3	8.3	32.2	7.4	95.2	14.6	26.1													
							Middle	3.7	1	18.3	8.3	32.2	7.4	95.1	9.9	22.9													
									2	18.3	8.3	32.2	7.4	95.1	9.8	23.1													
							Bottom	6.3	1	18.4	8.3	32.3	7.3	94.8	9.0	15.9													
									2	18.4	8.3	32.3	7.3	94.8	9.0	17.6													
TCE-WQM2b	Cloudy			Moderate	9:14	10.7	Surface	1.0	1	18.3	8.2	32.3	7.4	95.1	10.7	18.2	7.4	11.7	23.1										
									2	18.3	8.2	32.3	7.4	95.1	10.7	19.4													
							Middle	5.4	1	18.3	8.2	32.2	7.4	95.0	13.7	24.1													
									2	18.3	8.2	32.2	7.4	95.0	13.9	22.0													
							Bottom	9.7	1	18.3	8.2	32.2	7.4	94.8	10.3	26.5													
									2	18.3	8.2	32.2	7.4	94.8	11.0	28.2													
TCE-WQM3A	Cloudy			Moderate	9:41	4.4	Surface	1.0	1	18.5	8.2	32.4	7.2	93.5	3.9	8.6	7.2	4.3	9.9										
									2	18.5	8.2	32.4	7.2	93.5	3.9	9.5													
							Bottom	3.4	1	18.5	8.2	32.4	7.2	93.6	4.7	10.9													
									2	18.5	8.2	32.4	7.2	93.6	4.7	10.5													
							TCE-WQM4	Cloudy	Moderate	9:51	3.9	Surface	1.0	1	18.4	8.3				32.3	7.3	94.8	12.3	20.5	7.3	12.1	23.4		
														2	18.4	8.3				32.3	7.3	94.8	12.3	21.9					
Bottom	2.9			1	18.4	8.3						32.3	7.4	95.1	11.9	25.0													
				2	18.4	8.3						32.3	7.4	95.1	11.9	26.3													

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)										
14-02-20	Mid-Ebb	TCE-C1	Cloudy	Rough	15:25	7.2	Surface	1.0	1	18.7	7.8	33.4	7.3	95.3	8.1	14.3	7.3	8.6	13.8										
									2	18.7	7.8	33.4	7.3	95.1	8.1	14.6													
							Middle	3.6	1	18.6	7.8	33.4	7.3	94.7	9.0	14.8													
									2	18.6	7.8	33.4	7.3	94.7	9.1	13.1													
							Bottom	6.2	1	18.6	7.8	33.4	7.2	94.3	8.7	12.5													
									2	18.6	7.8	33.4	7.2	94.2	8.7	13.5													
		TCE-C2	Cloudy	Rough	17:15	14.1	Surface	1.0	1	19.0	7.9	32.8	6.9	90.9	1.9	5.3	6.8	2.6	5.3										
									2	19.0	7.9	32.8	6.9	90.6	2.0	5.1													
							Middle	7.1	1	18.9	7.9	33.2	6.8	88.6	2.3	5.2													
									2	18.9	7.9	33.2	6.8	88.7	2.3	4.2													
							Bottom	13.1	1	18.9	7.9	33.3	6.9	90.6	3.5	5.4													
									2	18.9	7.9	33.3	6.9	90.6	3.4	6.4													
		TCE-WQM1	Cloudy	Rough	16:05	9.6	Surface	1.0	1	19.3	7.8	32.7	7.1	93.5	9.5	18.3	7.1	8.2	21.3										
									2	19.3	7.8	32.7	7.1	93.5	9.5	20.2													
							Middle	4.8	1	19.3	7.8	32.7	7.1	94.0	6.4	18.0													
									2	19.3	7.8	32.7	7.1	93.9	6.4	19.7													
							Bottom	8.6	1	19.3	7.8	32.7	7.1	93.9	8.8	24.5													
									2	19.3	7.8	32.7	7.2	94.1	8.8	26.9													
		TCE-WQM2a	Cloudy	Rough	16:41	8.0	Surface	1.0	1	19.1	7.9	32.6	7.0	92.2	3.2	5.9	7.0	3.9	6.6										
									2	19.1	7.9	32.6	7.0	92.2	3.2	5.8													
							Middle	4.0	1	19.0	7.9	32.6	7.0	91.5	3.5	6.8													
									2	19.0	7.9	32.6	7.0	91.5	3.5	7.3													
							Bottom	7.0	1	18.9	7.9	32.7	7.0	91.5	4.9	7.0													
									2	18.9	7.9	32.7	7.0	91.5	5.0	6.7													
		TCE-WQM2b	Cloudy	Rough	16:54	11.8	Surface	1.0	1	19.1	7.9	32.0	7.2	94.0	3.2	5.9	7.1	8.2	8.5										
									2	19.1	7.9	32.0	7.2	93.8	3.2	6.9													
							Middle	5.9	1	18.9	7.9	32.6	7.0	91.9	8.6	9.3													
									2	18.9	7.9	32.6	7.0	92.0	8.6	8.4													
							Bottom	10.8	1	18.9	7.9	32.7	7.1	92.1	12.9	10.3													
									2	18.9	7.9	32.7	7.1	92.3	12.7	10.2													
		TCE-WQM3A	Cloudy	Rough	16:29	4.2	Surface	1.0	1	19.5	7.9	32.8	7.0	92.3	3.4	6.6	7.0	4.1	6.8										
									2	19.5	7.9	32.8	7.0	92.5	3.4	5.6													
							Bottom	3.2	1	19.4	7.9	32.8	7.1	93.0	4.8	7.2													
									2	19.4	7.9	32.8	7.0	92.9	4.8	7.6													
							TCE-WQM4	Cloudy	Rough	16:18	4.5	Surface	1.0	1	19.4	7.9				32.9	7.1	93.2	7.5	13.4	7.1	7.7	12.8		
														2	19.4	7.9				32.9	7.1	93.4	7.5	13.7					
		Bottom	3.5	1	19.4	7.9						32.9	7.1	93.6	7.9	12.5													
				2	19.4	7.9						32.9	7.1	93.6	7.9	11.7													
		14-02-20	Mid-Flood	TCE-C1	Rainy	Moderate						12:05	7.7	Surface	1.0	1	18.7	7.8	33.2	7.3	95.0	8.9	15.1	7.2				8.6	15.6
																2	18.7	7.8	33.2	7.3	94.9	8.9	14.7						
							Middle	3.9	1	18.7	7.9			33.2	7.2	94.2	10.4	16.0											
									2	18.7	7.9			33.2	7.2	94.2	10.4	15.3											
							Bottom	6.7	1	18.5	7.9			33.3	7.3	94.5	6.5	15.6											
									2	18.5	7.9			33.3	7.3	94.5	6.4	16.9											
				TCE-C2	Rainy	Moderate	9:53	14.8	Surface	1.0	1	18.9	7.7	32.7	7.0	91.8	3.0	10.2	7.0	6.0	7.7								
											2	18.9	7.7	32.7	7.0	91.8	3.0	9.3											
									Middle	7.4	1	18.8	7.7	32.9	7.0	90.9	6.1	7.0											
											2	18.8	7.7	32.9	7.0	91.0	6.2	8.0											
Bottom	13.8								1	18.8	7.7	33.0	6.9	89.9	8.8	6.1													
									2	18.8	7.7	33.0	6.9	89.6	8.8	5.3													
TCE-WQM1	Rainy			Moderate	11:08	8.5	Surface	1.0	1	19.0	7.9	32.9	7.0	91.9	3.8	12.0	7.0	4.8	17.2										
									2	19.0	7.9	32.9	7.0	92.0	3.8	13.3													
							Middle	4.3	1	19.0	7.9	32.9	7.0	91.0	4.2	17.4													
									2	19.0	7.9	32.9	6.9	90.9	4.2	19.0													
							Bottom	7.5	1	19.0	7.9	32.9	7.0	91.0	6.2	20.0													
									2	19.0	7.9	32.9	7.0	91.1	6.3	21.4													
TCE-WQM2a	Rainy			Moderate	10:30	7.6	Surface	1.0	1	18.8	7.8	32.4	7.1	92.3	6.1	9.1	7.1	8.5	11.5										
									2	18.8	7.8	32.4	7.1	92.3	6.1	8.2													
							Middle	3.8	1	18.8	7.8	32.5	7.1	93.0	7.2	12.9													
									2	18.8	7.8	32.5	7.1	93.0	7.3	11.9													
							Bottom	6.6	1	18.8	7.8	32.5	7.2	93.7	12.2	13.1													
									2	18.8	7.8	32.5	7.2	93.7	12.3	13.8													
TCE-WQM2b	Rainy			Moderate	10:15	9.4	Surface	1.0	1	18.8	7.7	32.5	7.1	92.4	11.7	18.7	7.1	13.0	20.7										
									2	18.8	7.7	32.5	7.1	92.4	11.7	17.0													
							Middle	4.7	1	18.8	7.7	32.5	7.1	92.5	12.1	22.1													
									2	18.8	7.7	32.5	7.1	92.2	12.1	22.8													
							Bottom	8.4	1	18.8	7.7	32.5	7.1	92.3	15.1	21.3													
									2	18.8	7.7	32.5	7.1	92.1	15.1	22.2													
TCE-WQM3A	Rainy			Moderate	10:45	3.2	Surface	1.0	1	18.9	7.8	32.9	6.9	90.6	5.4	11.5	6.9	6.2	14.6										
									2	18.9	7.8	32.9	6.9	90.6	5.4	11.3													
							Bottom	2.2	1	18.9	7.8	32.8	6.9	90.3	7.0	18.5													
									2	18.9	7.8	32.8	6.9	90.1	7.0	17.0													
							TCE-WQM4	Rainy	Moderate	10:56	4.2	Surface	1.0	1	18.9	7.9				32.9	7.0	91.8	5.9	16.2	7.0	6.7	15.3		
														2	18.9	7.9				32.9	7.0	91.7	5.8	15.4					
Bottom	3.2			1	18.9	7.9						32.9	7.1	92.5	7.5	14.4													
				2	18.9	7.9						32.9	7.1	92.5	7.7	15.3													

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)
17-02-20	Mid-Ebb	TCE-C1	Cloudy	Rough	8:36	7.7	Surface	1.0	1	17.9	7.7	33.4	7.7	99.6	4.1	10.2	7.8	3.5	12.0
									2	17.9	7.7	33.4	7.7	99.2	4.1	10.5			
							Middle	3.9	1	18.0	7.7	33.8	7.8	100.8	2.8	11.0			
									2	18.0	7.7	33.8	7.8	100.9	2.8	11.6			
				Bottom	6.7	1	18.0	7.7	34.0	8.0	103.0	3.5	14.3	8.0					
						2	18.0	7.7	34.0	8.0	103.2	3.5	14.4						
				Surface	1.0	1	18.5	7.6	33.8	6.8	88.7	1.9	6.1				6.8	2.4	6.9
						2	18.5	7.6	33.8	6.8	88.7	1.9	6.0						
				Middle	8.1	1	18.7	7.6	34.0	6.9	90.1	2.3	7.6						
						2	18.7	7.6	34.0	6.9	90.3	2.3	7.0						
						Bottom	15.2	1	18.7	7.6	34.1	7.1	92.6	2.9	7.5	7.1			
						2	18.7	7.6	34.1	7.1	93.0	2.9	7.1						
				Surface	1.0	1	18.5	7.8	32.6	7.1	92.3	4.5	9.0	7.3	5.0				10.8
						2	18.5	7.8	32.6	7.1	92.4	4.5	9.3						
				Middle	4.6	1	18.5	7.7	32.6	7.5	97.5	4.7	11.0						
						2	18.5	7.7	32.6	7.5	97.5	4.7	11.6						
						Bottom	8.1	1	18.5	7.7	32.6	7.9	102.8	5.6	12.4	7.9			
						2	18.5	7.7	32.6	7.9	102.9	5.8	11.6						
				Surface	1.0	1	18.4	7.7	32.5	7.1	92.1	2.8	8.0	7.2	4.4				9.6
						2	18.4	7.7	32.5	7.1	92.1	2.8	9.0						
				Middle	4.4	1	18.4	7.7	32.5	7.2	92.8	4.0	9.2						
						2	18.4	7.7	32.5	7.2	92.9	4.1	10.4						
						Bottom	7.8	1	18.4	7.7	32.5	7.4	95.7	6.4	11.0	7.4			
						2	18.4	7.7	32.5	7.4	95.7	6.5	10.0						
		Surface	1.0	1	18.4	7.7	32.8	7.0	90.7	3.4	10.2	7.0	3.5	10.5					
				2	18.4	7.7	32.8	7.0	90.7	3.4	10.8								
		Middle	6.0	1	18.5	7.7	33.1	7.0	91.3	3.5	10.1								
				2	18.5	7.7	33.1	7.0	91.4	3.5	10.5								
				Bottom	11.0	1	18.6	7.7	33.4	7.3	94.9	3.6	11.1	7.3					
				2	18.6	7.7	33.4	7.4	96.2	3.6	10.3								
		Surface	1.0	1	18.1	7.7	32.3	7.2	92.7	5.3	9.0	7.2	7.0				9.3		
				2	18.1	7.7	32.3	7.2	92.7	5.4	9.8								
		Bottom	3.7	1	18.1	7.7	32.3	7.5	96.5	8.7	8.6								
				2	18.1	7.7	32.3	7.5	96.7	8.7	9.6								
		Surface	1.0	1	18.3	7.6	32.5	7.4	94.8	8.5	9.3	7.4	8.9	9.1					
				2	18.3	7.6	32.5	7.4	95.0	8.6	10.4								
		Bottom	3.3	1	18.3	7.6	32.5	7.5	96.1	9.4	8.5								
				2	18.3	7.6	32.5	7.5	96.2	9.2	8.2								
		TCE-C2	Sunny	Moderate	14:01	16.0	Surface	1.0	1	18.6	7.8	33.9	6.8	88.7	2.4	8.4	6.8	2.5	9.6
									2	18.6	7.8	33.9	6.8	88.7	2.5	9.0			
							Middle	8.0	1	18.6	7.8	33.9	6.7	88.1	2.1	9.7			
									2	18.6	7.8	33.9	6.7	88.1	2.1	10.0			
				Bottom	15.0	1	18.5	7.8	33.9	6.8	88.2	3.0	10.4	6.7					
				2	18.5	7.8	33.9	6.7	88.1	3.0	10.1								
		Surface	1.0	1	18.3	7.8	32.5	7.3	93.8	5.8	14.5	7.3	7.1				16.4		
				2	18.3	7.8	32.5	7.3	93.8	5.8	15.8								
		Middle	4.3	1	18.2	7.8	32.5	7.3	93.3	7.2	16.8								
				2	18.2	7.8	32.5	7.3	93.5	7.2	17.3								
				Bottom	7.6	1	18.2	7.8	32.5	7.3	93.6	8.2	17.3	7.3					
				2	18.2	7.8	32.5	7.3	93.7	8.3	16.8								
		Surface	1.0	1	18.5	7.8	32.8	7.0	90.7	2.2	5.4	6.9	3.1				6.4		
				2	18.5	7.8	32.8	7.0	90.7	2.2	4.4								
		Middle	4.0	1	18.4	7.8	33.0	6.9	89.5	3.4	7.1								
				2	18.4	7.8	33.0	6.9	89.6	3.4	6.8								
				Bottom	6.9	1	18.4	7.8	33.1	7.1	91.8	3.5	7.3	7.1					
				2	18.4	7.8	33.1	7.1	91.9	3.6	7.2								
		Surface	1.0	1	18.6	7.8	33.7	6.8	89.1	1.7	7.4	6.8	2.7				8.5		
				2	18.6	7.8	33.7	6.8	89.1	1.7	7.8								
		Middle	6.3	1	18.6	7.8	33.7	6.8	88.9	2.0	7.7								
				2	18.6	7.8	33.7	6.8	88.9	2.0	8.6								
				Bottom	11.6	1	18.6	7.8	33.7	7.1	92.4	4.4	9.4	7.1					
				2	18.6	7.8	33.7	7.1	92.4	4.5	10.3								
		Surface	1.0	1	18.2	7.8	32.4	7.2	93.1	5.2	12.6	7.2	5.5				13.4		
				2	18.2	7.8	32.4	7.2	93.2	5.2	11.1								
		Bottom	3.3	1	18.2	7.8	32.3	7.3	93.9	5.7	14.6								
				2	18.2	7.8	32.3	7.3	93.8	5.8	15.3								
		Surface	1.0	1	18.3	7.8	32.4	7.2	92.4	12.1	18.1	7.2	11.5	20.2					
				2	18.3	7.8	32.4	7.2	92.4	12.2	19.4								
		Bottom	2.5	1	18.3	7.7	32.5	7.4	95.5	10.9	21.0								
				2	18.3	7.7	32.5	7.4	95.8	10.9	22.2								
17-02-20	Mid-Flood	TCE-C1	Sunny	Rough	11:36	7.5	Surface	1.0	1	17.9	7.7	33.4	7.6	97.9	4.5	13.5	7.6	4.3	12.0
									2	17.9	7.7	33.4	7.6	97.9	4.5	12.3			
							Middle	3.8	1	17.9	7.7	33.6	7.6	98.2	4.2	11.8			
									2	17.9	7.7	33.6	7.6	98.1	4.2	11.9			
						Bottom	6.5	1	18.0	7.7	33.9	7.7	99.2	4.1	11.3	7.7			
						2	18.0	7.7	33.9	7.7	99.1	4.1	11.3						
				Surface	1.0	1	18.6	7.8	33.9	6.8	88.7	2.4	8.4	6.8	2.5				9.6
						2	18.6	7.8	33.9	6.8	88.7	2.5	9.0						
				Middle	8.0	1	18.6	7.8	33.9	6.7	88.1	2.1	9.7						
						2	18.6	7.8	33.9	6.7	88.1	2.1	10.0						
						Bottom	15.0	1	18.5	7.8	33.9	6.8	88.2	3.0	10.4	6.7			
						2	18.5	7.8	33.9	6.7	88.1	3.0	10.1						
				Surface	1.0	1	18.3	7.8	32.5	7.3	93.8	5.8	14.5	7.3	7.1				16.4
						2	18.3	7.8	32.5	7.3	93.8	5.8	15.8						
				Middle	4.3	1	18.2	7.8	32.5	7.3	93.3	7.2	16.8						
						2	18.2	7.8	32.5	7.3	93.5	7.2	17.3						
						Bottom	7.6	1	18.2	7.8	32.5	7.3	93.6	8.2	17.3	7.3			
						2	18.2	7.8	32.5	7.3	93.7	8.3	16.8						
				Surface	1.0	1	18.5	7.8	32.8	7.0	90.7	2.2	5.4	6.9	3.1				6.4
						2	18.5	7.8	32.8	7.0	90.7	2.2	4.4						
				Middle	4.0	1	18.4	7.8	33.0	6.9	89.5	3.4	7.1						
						2	18.4	7.8	33.0	6.9	89.6	3.4	6.8						
						Bottom	6.9	1	18.4	7.8	33.1	7.1	91.8	3.5	7.3	7.1			
						2	18.4	7.8	33.1	7.1	91.9	3.6	7.2						
		Surface	1.0	1	18.6	7.8	33.7	6.8	89.1	1.7	7.4	6.8	2.7	8.5					
				2	18.6	7.8	33.7	6.8	89.1	1.7	7.8								
		Middle	6.3	1	18.6	7.8	33.7	6.8	88.9	2.0	7.7								
				2	18.6	7.8	33.7	6.8	88.9	2.0	8.6								
				Bottom	11.6	1	18.6	7.8	33.7	7.1	92.4	4.4	9.4	7.1					
				2	18.6	7.8	33.7	7.1	92.4	4.5	10.3								
		Surface	1.0	1	18.2	7.8	32.4	7.2	93.1	5.2	12.6	7.2	5.5				13.4		
				2	18.2	7.8	32.4	7.2	93.2	5.2	11.1								

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)								
19-02-20	Mid-Ebb	TCE-C1	Fine	Rough	11:37	8.1	Surface	1.0	1	17.8	8.3	33.8	7.7	99.0	4.9	6.4	7.7	4.9	5.7								
									2	17.8	8.3	33.8	7.7	99.0	4.9	7.4											
							Middle	4.1	1	17.6	8.3	33.8	7.7	98.2	4.7	5.5											
									2	17.6	8.3	33.8	7.7	98.2	4.7	5.8											
							Bottom	7.1	1	17.6	8.3	33.8	7.6	97.9	5.2	4.8											
									2	17.6	8.3	33.8	7.6	97.9	5.3	4.0											
		TCE-C2	Fine	Moderate	9:31	15.7	Surface	1.0	1	18.0	8.2	33.7	7.0	90.6	2.4	3.3	7.0	2.7	3.0								
									2	18.0	8.2	33.7	7.0	90.6	2.4	3.6											
							Middle	7.9	1	18.0	8.2	33.7	7.0	90.1	2.8	2.9											
									2	18.0	8.2	33.7	7.0	90.1	2.8	3.1											
							Bottom	14.7	1	18.0	8.2	33.7	7.0	90.0	2.9	3.1											
									2	18.0	8.2	33.7	7.0	90.0	2.9	2.1											
		TCE-WQM1	Fine	Moderate	10:46	8.7	Surface	1.0	1	17.7	8.3	32.7	7.3	92.9	6.1	7.6	7.3	5.8	7.3								
									2	17.7	8.3	32.7	7.3	92.9	6.0	6.8											
							Middle	4.4	1	17.7	8.3	32.7	7.3	93.1	5.3	7.0											
									2	17.7	8.3	32.7	7.3	93.1	5.3	7.2											
							Bottom	7.7	1	17.7	8.3	32.7	7.3	93.5	6.0	7.3											
									2	17.7	8.3	32.7	7.3	93.6	6.0	7.6											
		TCE-WQM2a	Fine	Moderate	10:10	8.9	Surface	1.0	1	17.9	8.3	33.2	7.3	93.3	3.6	4.0	7.2	3.8	4.3								
									2	17.9	8.3	33.2	7.3	93.3	3.6	4.9											
							Middle	4.5	1	17.9	8.3	33.2	7.2	92.7	3.8	3.9											
									2	17.9	8.3	33.2	7.2	92.6	3.8	4.4											
							Bottom	7.9	1	17.9	8.3	33.2	7.2	92.4	4.1	4.4											
									2	17.9	8.2	33.2	7.2	92.5	4.2	4.1											
		TCE-WQM2b	Fine	Moderate	9:57	11.5	Surface	1.0	1	18.0	8.3	33.2	7.1	91.7	3.3	3.6	7.0	3.9	4.6								
									2	18.0	8.3	33.2	7.1	91.7	3.4	4.5											
							Middle	5.8	1	18.1	8.3	33.4	7.0	90.2	3.7	4.6											
									2	18.1	8.3	33.4	7.0	90.2	3.7	4.9											
							Bottom	10.5	1	18.1	8.3	33.5	7.0	90.6	4.7	4.6											
									2	18.1	8.3	33.5	7.0	90.6	4.8	5.1											
		TCE-WQM3A	Fine	Moderate	10:23	5.0	Surface	1.0	1	18.0	8.3	33.1	7.0	90.0	5.4	6.9	7.0	6.4	6.3								
									2	18.0	8.3	33.1	7.0	90.0	5.4	5.9											
							Bottom	4.0	1	18.1	8.3	33.2	6.9	89.0	7.3	6.0											
									2	18.1	8.3	33.2	6.9	89.0	7.3	6.4											
							TCE-WQM4	Fine	Moderate	10:34	3.9	Surface	1.0	1	17.8	8.3				32.7	7.3	93.7	3.9	5.0	7.3	4.5	5.8
													2	17.8	8.3	32.7				7.3	93.8	3.8	6.0				
		Middle	2.9	1	17.9	8.3	32.8					7.4	94.7	5.2	5.6												
				2	17.9	8.3	32.8					7.4	94.9	5.2	6.5												
		Bottom	2.9	1	17.9	8.3	32.8					7.4	94.7	5.2	5.6												
				2	17.9	8.3	32.8					7.4	94.9	5.2	6.5												
		19-02-20	Mid-Flood	TCE-C1	Sunny	Moderate	13:52	7.7	Surface	1.0	1	18.2	8.3	33.5	7.8	101.4	3.6	3.8	7.8	4.6	4.0						
											2	18.2	8.3	33.5	7.8	101.3	3.7	3.2									
									Middle	3.9	1	17.8	8.3	33.8	7.7	98.9	5.0	4.0									
											2	17.7	8.3	33.8	7.7	98.8	5.0	4.7									
									Bottom	6.7	1	17.7	8.3	33.8	7.7	98.9	5.2	4.2									
											2	17.7	8.3	33.8	7.7	99.1	5.2	3.9									
				TCE-C2	Sunny	Moderate	15:55	15.8	Surface	1.0	1	18.2	8.3	33.7	7.0	91.4	2.2	3.4	7.0	3.2	3.4						
											2	18.2	8.3	33.7	7.0	91.3	2.2	3.1									
Middle	7.9								1	18.1	8.3	33.7	7.0	90.2	2.5	3.0											
									2	18.1	8.3	33.7	7.0	90.3	2.5	3.8											
Bottom	14.8								1	18.0	8.3	33.7	7.0	90.8	5.0	3.7											
									2	18.0	8.3	33.7	7.0	90.9	5.1	3.1											
TCE-WQM1	Sunny			Moderate	14:36	8.4	Surface	1.0	1	18.5	8.3	32.6	7.5	96.6	5.2	3.5	7.5	7.2	5.1								
									2	18.5	8.4	32.6	7.5	96.6	5.3	4.5											
							Middle	4.2	1	18.0	8.3	32.9	7.5	96.0	4.7	5.4											
									2	18.0	8.3	32.9	7.5	96.0	4.7	5.4											
							Bottom	7.4	1	17.8	8.3	33.1	7.5	96.5	11.6	6.3											
									2	17.8	8.3	33.1	7.5	96.5	11.9	5.3											
TCE-WQM2a	Sunny			Moderate	15:14	8.0	Surface	1.0	1	18.3	8.3	33.2	7.2	93.9	3.4	4.2	7.2	4.4	4.8								
									2	18.3	8.3	33.2	7.2	93.9	3.4	3.8											
							Middle	4.0	1	18.3	8.3	33.2	7.2	93.8	4.0	5.3											
									2	18.3	8.3	33.2	7.2	93.8	4.1	4.6											
							Bottom	7.0	1	18.2	8.2	33.2	7.3	94.6	5.8	5.8											
									2	18.2	8.2	33.2	7.3	94.7	5.6	4.9											
TCE-WQM2b	Sunny			Moderate	15:25	12.5	Surface	1.0	1	18.5	8.3	33.2	7.2	93.5	2.5	2.7	7.1	2.9	3.0								
									2	18.5	8.3	33.2	7.2	93.3	2.5	2.4											
							Middle	6.3	1	18.2	8.3	33.5	7.0	90.7	2.3	3.2											
									2	18.2	8.3	33.5	7.0	90.7	2.2	2.3											
							Bottom	11.5	1	18.2	8.3	33.6	7.0	91.0	3.8	3.9											
									2	18.2	8.3	33.6	7.0	91.0	4.0	3.2											
TCE-WQM3A	Sunny			Moderate	15:02	3.7	Surface	1.0	1	18.5	8.2	33.1	7.2	93.4	3.2	5.0	7.2	3.5	4.9								
									2	18.5	8.2	33.1	7.2	93.4	3.2	4.2											
							Bottom	2.7	1	18.1	8.2	33.1	7.2	92.3	3.7	5.5											
									2	18.1	8.2	33.1	7.2	92.3	3.7	4.8											
							TCE-WQM4	Sunny	Moderate	14:49	3.8	Surface	1.0	1	18.1	8.3				32.7	7.4	94.7	6.6	8.6	7.4	6.5	8.8
													2	18.1	8.3	32.7				7.4	94.8	6.6	9.6				
Middle	2.8			1	18.0	8.3	32.8					7.4	94.7	6.3	8.0												
				2	18.0	8.3	32.8					7.4	94.7	6.3	8.0												
Bottom	2.8			1	18.0	8.3	32.8					7.4	94.7	6.3	8.0												
				2	18.0	8.3	32.8					7.4	94.7	6.4	9.0												

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)					
24-02-20	Mid-Ebb	TCE-C1	Cloudy	Rough	12:19	8.3	Surface	1.0	1	18.9	8.1	29.4	7.9	101.3	5.0	6.7	7.8	6.4	7.6					
									2	18.9	8.1	29.4	7.9	101.3	5.0	7.0								
							Middle	4.2	1	18.2	8.2	31.3	7.7	98.2	7.9	7.9								
									2	18.2	8.2	31.4	7.7	98.2	7.9	7.5								
				Bottom	7.3	1	18.2	8.2	32.1	7.7	98.4	6.4	8.4	7.7										
						2	18.2	8.2	32.1	7.7	98.5	6.4	8.1											
		TCE-C2	Fine	Rough	14:19	15.7	Surface	1.0	1	19.0	8.1	30.7	7.2				93.3	3.1	6.0	7.2	2.8	6.6		
									2	19.0	8.1	30.7	7.2				93.3	3.1	6.3					
							Middle	7.9	1	18.6	8.2	31.1	7.1	91.6	2.2	6.5								
									2	18.6	8.2	31.1	7.1	91.6	2.2	6.4								
				Bottom	14.7	1	18.5	8.2	31.2	7.2	92.1	3.1	7.1	7.2										
						2	18.5	8.2	31.2	7.2	92.2	3.0	7.4											
		TCE-WQM1	Fine	Rough	13:08	9.7	Surface	1.0	1	18.7	8.1	30.1	7.6				97.6	9.1	16.7	7.6	9.8	14.3		
									2	18.7	8.1	30.1	7.6				97.5	9.1	16.4					
							Middle	4.9	1	18.7	7.9	30.1	7.6	97.3	9.6	13.2								
									2	18.7	7.9	30.1	7.6	97.3	9.7	13.5								
				Bottom	8.7	1	18.7	8.0	30.1	7.5	96.6	10.5	12.8	7.5										
						2	18.7	8.0	30.1	7.5	96.6	10.6	13.1											
		TCE-WQM2a	Fine	Rough	13:42	8.5	Surface	1.0	1	19.0	7.9	29.9	7.6				97.1	2.8	5.2	7.5	3.6	6.3		
									2	19.0	7.9	29.9	7.6				97.1	2.8	5.1					
							Middle	4.3	1	18.9	7.9	30.0	7.4	95.4	3.0	6.0								
									2	18.9	7.9	30.0	7.4	95.3	3.1	6.4								
				Bottom	7.5	1	18.6	8.0	30.2	7.3	94.0	5.1	7.7	7.3										
						2	18.6	8.0	30.2	7.3	94.0	5.1	7.4											
		TCE-WQM2b	Fine	Rough	13:54	12.8	Surface	1.0	1	18.7	7.9	30.0	7.4				95.1	3.5	6.1	7.3	4.0	6.8		
									2	18.7	7.9	30.0	7.4				95.1	3.5	6.5					
							Middle	6.4	1	18.6	7.9	30.3	7.2	92.3	3.2	6.6								
									2	18.6	7.9	30.3	7.2	92.1	3.2	6.9								
				Bottom	11.8	1	18.6	8.0	30.8	7.1	91.4	5.2	7.5	7.1										
						2	18.6	8.0	30.8	7.1	91.5	5.2	7.2											
		TCE-WQM3A	Fine	Rough	13:31	4.1	Surface	1.0	1	19.3	7.8	29.9	7.7				99.7	2.6	4.3	7.7	3.2	4.7		
									2	19.3	7.8	29.9	7.7				99.7	2.6	4.0					
							Bottom	3.1	1	19.3	7.8	30.0	7.7	99.1	3.7	5.2								
									2	19.3	7.8	30.0	7.7	99.1	3.7	5.2								
		TCE-WQM4	Fine	Rough	13:21	4.3	Surface	1.0	1	19.3	7.9	30.1	7.8	100.6	6.1	10.1	7.8	6.8	9.9					
									2	19.3	7.9	30.1	7.8	100.6	6.1	10.2								
							Bottom	3.3	1	18.9	7.9	30.1	7.7	98.4	7.5	9.6								
									2	18.9	7.9	30.1	7.7	98.4	7.6	9.8								
		24-02-20	Mid-Flood	TCE-C1	Cloudy	Rough	9:27	7.9	Surface	1.0	1	18.7	8.2	28.6	7.9	100.3	8.6	10.8	7.8	9.1	11.6			
											2	18.7	8.2	28.6	7.9	100.3	8.6	11.1						
									Middle	4.0	1	18.3	8.2	30.4	7.7	98.3	9.8	11.6						
											2	18.3	8.2	30.4	7.7	98.3	9.7	11.6						
						Bottom	6.9	1	18.1	8.3	31.5	7.6	97.4	8.9	12.3	7.6								
								2	18.1	8.3	31.5	7.6	97.4	8.9	12.1									
				TCE-C2	Cloudy	Rough	7:37	16.3	Surface	1.0	1	18.6	8.2	30.2	7.3				93.6	3.1	6.8	7.2	4.3	7.1
											2	18.6	8.2	30.2	7.3				93.5	3.1	6.6			
									Middle	8.2	1	18.6	8.2	30.8	7.1	91.5	4.6	6.5						
											2	18.6	8.2	30.8	7.1	91.4	4.6	6.8						
				Bottom	15.3	1	18.5	8.2	30.9	7.1	91.4	5.2	8.0	7.1										
						2	18.5	8.1	30.9	7.1	91.4	5.3	7.7											
TCE-WQM1	Cloudy			Rough	8:45	8.3	Surface	1.0	1	18.6	8.0	30.0	7.5				96.5	6.8	11.8	7.6	8.1	10.8		
									2	18.6	8.0	30.0	7.5				96.5	6.8	11.4					
							Middle	4.2	1	18.7	8.0	30.0	7.6	96.7	8.0	10.2								
									2	18.7	8.0	30.0	7.6	96.8	8.0	10.4								
				Bottom	7.3	1	18.6	8.0	30.0	7.6	97.1	9.5	10.5	7.6										
						2	18.6	8.0	30.0	7.7	97.9	9.6	10.3											
TCE-WQM2a	Cloudy			Rough	8:12	7.6	Surface	1.0	1	18.6	7.9	29.7	7.5				96.3	8.5	12.6	7.5	8.7	11.5		
									2	18.6	7.9	29.7	7.5				96.3	8.5	12.1					
							Middle	3.8	1	18.6	7.9	29.7	7.5	96.0	9.4	11.5								
									2	18.6	7.9	29.7	7.5	96.0	9.5	11.8								
				Bottom	6.6	1	18.6	8.0	29.8	7.5	96.1	8.1	10.4	7.5										
						2	18.6	8.0	29.8	7.5	96.1	8.2	10.8											
TCE-WQM2b	Cloudy			Rough	7:59	10.4	Surface	1.0	1	18.5	7.9	30.0	7.4				95.0	6.0	9.8	7.4	7.4	10.3		
									2	18.5	7.9	30.0	7.4				95.0	6.0	9.9					
							Middle	5.2	1	18.5	7.9	30.0	7.4	94.8	7.8	10.5								
									2	18.5	7.9	30.0	7.4	94.8	7.9	10.2								
				Bottom	9.4	1	18.5	7.9	30.1	7.4	95.1	8.4	10.7	7.4										
						2	18.5	7.9	30.1	7.4	95.1	8.5	10.9											
TCE-WQM3A	Cloudy			Rough	8:23	4.8	Surface	1.0	1	18.7	8.0	30.0	7.5				96.1	3.1	5.7	7.5	4.1	6.3		
									2	18.7	8.0	30.0	7.5				96.1	3.1	5.2					
							Bottom	3.8	1	18.6	8.0	30.3	7.3	93.8	5.0	7.3								
									2	18.6	8.0	30.3	7.3	93.9	5.1	6.9								
TCE-WQM4	Cloudy			Rough	8:33	3.7	Surface	1.0	1	18.5	8.0	30.1	7.5	95.7	5.6	11.9	7.5	6.8	11.1					
									2	18.5	8.0	30.1	7.5	95.7	5.7	12.2								
							Bottom	2.7	1	18.5	8.0	30.1	7.6	96.9	8.0	10.1								
									2	18.5	8.0	30.1	7.6	97.0	8.0	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)			
26-02-20	Mid-Ebb	TCE-C1	Sunny	Moderate	13:06	7.8	Surface	1.0	1	19.8	8.1	28.9	7.6	98.6	6.5	7.7	7.5	10.7	6.2			
									2	19.8	8.1	28.9	7.6	98.4	6.5	7.2						
							Middle	3.9	1	18.9	8.1	31.6	7.4	96.1	11.0	6.1						
									2	18.9	8.1	31.6	7.4	96.1	11.0	6.0						
							Bottom	6.8	1	18.8	8.0	32.4	7.3	95.3	14.4	4.7						
									2	18.8	8.0	32.4	7.3	95.3	14.7	5.3						
		TCE-C2	Sunny	Moderate	15:00	17.3	Surface	1.0	1	20.8	8.1	30.5	7.2	96.0	2.8	3.9	7.1	4.2	4.9			
									2	20.8	8.1	30.5	7.2	95.8	2.8	3.7						
							Middle	8.7	1	19.2	8.1	31.3	7.0	90.6	4.8	4.5						
									2	19.2	8.1	31.3	7.0	90.7	4.8	4.2						
							Bottom	16.3	1	19.0	8.1	31.9	7.0	91.3	4.9	6.3						
									2	19.1	8.1	31.9	7.0	91.4	4.9	6.7						
		TCE-WQM1	Sunny	Rough	13:51	8.3	Surface	1.0	1	20.0	8.2	30.5	7.3	96.1	10.8	12.1	7.3	10.1	12.6			
									2	20.0	8.2	30.5	7.3	96.3	10.8	12.6						
							Middle	4.2	1	20.0	8.2	30.5	7.2	94.9	10.3	12.3						
									2	20.0	8.2	30.5	7.2	95.0	10.4	12.8						
							Bottom	7.3	1	19.9	8.1	30.6	7.2	94.3	9.2	13.0						
									2	19.9	8.1	30.6	7.2	94.3	9.1	12.8						
		TCE-WQM2a	Sunny	Rough	14:25	7.5	Surface	1.0	1	19.9	8.2	30.3	7.2	94.6	5.7	8.4	7.2	7.2	7.3			
									2	19.9	8.2	30.3	7.2	94.6	5.7	8.2						
							Middle	3.8	1	19.7	8.1	30.5	7.1	93.2	6.9	6.6						
									2	19.7	8.1	30.5	7.1	93.2	6.8	6.7						
							Bottom	6.5	1	19.4	8.1	30.7	7.1	92.8	8.9	6.8						
									2	19.4	8.1	30.7	7.1	93.0	9.0	6.9						
		TCE-WQM2b	Sunny	Moderate	14:38	10.4	Surface	1.0	1	20.0	8.1	28.9	7.3	95.1	5.1	5.8	7.3	6.7	7.4			
									2	20.0	8.1	28.9	7.3	95.1	5.1	5.5						
							Middle	5.2	1	19.9	8.1	29.3	7.3	94.7	6.4	7.2						
									2	19.9	8.1	29.3	7.3	94.7	6.4	7.0						
							Bottom	9.4	1	19.9	8.1	29.4	7.2	94.1	8.5	9.1						
									2	19.9	8.1	29.4	7.2	94.1	8.4	9.6						
		TCE-WQM3A	Sunny	Rough	14:13	3.9	Surface	1.0	1	20.4	8.3	30.1	7.2	95.6	5.5	5.5	7.2	6.1	5.8			
									2	20.4	8.3	30.1	7.2	95.7	5.6	5.3						
							Bottom	2.9	1	20.4	8.3	30.2	7.2	94.9	6.6	6.2						
									2	20.4	8.3	30.2	7.2	94.9	6.5	6.3						
							Surface	1.0	1	20.8	8.2	30.6	7.3	96.9	6.2	5.9				7.3	7.4	6.9
									2	20.8	8.2	30.6	7.3	96.9	6.2	6.2						
		Middle	3.1	1	19.9	8.2	30.6	7.3	95.3	8.6	7.9											
				2	19.9	8.2	30.6	7.3	95.3	8.7	7.4											
		Bottom	3.1	1	19.9	8.2	30.6	7.3	95.3	8.6	7.9											
				2	19.9	8.2	30.6	7.3	95.3	8.7	7.4											
		26-02-20	Mid-Flood	TCE-C1	Cloudy	Moderate	10:01	8.0	Surface	1.0	1	19.6	8.2	29.4	7.5	97.6	9.0	7.4	7.5	7.5	8.5	
											2	19.5	8.2	29.4	7.5	97.5	9.3	7.1				
									Middle	4.0	1	18.9	8.2	31.4	7.4	95.7	7.1	8.4				
											2	18.9	8.2	31.4	7.4	95.8	7.2	8.4				
									Bottom	7.0	1	18.7	8.1	32.4	7.3	94.8	6.1	9.7				
											2	18.7	8.1	32.4	7.3	94.5	6.1	10.0				
				TCE-C2	Cloudy	Moderate	7:26	17.1	Surface	1.0	1	19.4	8.2	30.7	7.2	93.2	2.1	5.8	7.1	5.2	5.3	
											2	19.4	8.2	30.7	7.2	93.2	2.2	5.6				
Middle	8.6								1	19.2	8.2	31.0	7.1	91.8	5.5	5.0						
									2	19.2	8.2	31.0	7.1	91.8	5.6	5.3						
Bottom	16.1								1	19.2	8.0	31.2	7.0	90.9	7.9	5.0						
									2	19.2	8.0	31.2	7.0	90.9	7.9	5.1						
TCE-WQM1	Cloudy			Moderate	8:35	8.3	Surface	1.0	1	19.7	8.1	30.6	7.2	93.7	12.3	15.2	7.1	8.1	16.5			
									2	19.7	8.1	30.6	7.2	93.7	12.3	14.9						
							Middle	4.2	1	19.7	8.1	30.7	7.1	92.8	6.7	16.9						
									2	19.7	8.1	30.7	7.1	92.9	7.0	17.0						
							Bottom	7.3	1	19.7	8.1	30.7	7.1	92.7	5.2	17.3						
									2	19.7	8.1	30.7	7.1	92.7	5.2	17.6						
TCE-WQM2a	Cloudy			Moderate	8:01	7.9	Surface	1.0	1	19.7	8.3	29.9	7.2	94.0	9.7	18.0	7.2	11.0	17.1			
									2	19.7	8.3	29.9	7.2	94.0	9.7	18.7						
							Middle	4.0	1	19.6	8.2	30.0	7.2	93.8	15.2	17.4						
									2	19.6	8.2	30.0	7.2	93.7	15.1	17.9						
							Bottom	6.9	1	19.5	8.2	30.1	7.2	93.4	8.3	15.3						
									2	19.5	8.2	30.1	7.2	93.6	8.1	15.1						
TCE-WQM2b	Cloudy			Moderate	7:48	9.9	Surface	1.0	1	19.5	8.2	30.3	7.2	93.9	9.3	14.5	7.2	9.8	13.6			
									2	19.5	8.2	30.3	7.2	94.0	9.3	14.9						
							Middle	5.0	1	19.5	8.2	30.3	7.2	93.2	9.7	13.5						
									2	19.5	8.2	30.3	7.2	93.2	9.7	13.0						
							Bottom	8.9	1	19.5	8.1	30.3	7.1	92.2	10.4	12.8						
									2	19.5	8.1	30.3	7.1	92.4	10.4	13.0						
TCE-WQM3A	Cloudy			Moderate	8:12	3.7	Surface	1.0	1	19.7	8.2	30.2	7.2	94.3	5.5	7.7	7.2	5.9	8.5			
									2	19.7	8.2	30.2	7.2	94.2	5.5	7.9						
							Bottom	2.7	1	19.6	8.2	30.3	7.2	93.4	6.3	9.4						
									2	19.6	8.2	30.3	7.2	93.4	6.4	9.0						
							Surface	1.0	1	19.7	8.3	30.4	7.1	93.3	8.5	10.8				7.1	6.4	13.1
									2	19.7	8.3	30.4	7.2	93.4	8.7	10.4						
Bottom	2.5			1	19.6	8.3	30.4	7.2	93.6	4.1	15.5											
				2	19.6	8.3	30.4	7.2	93.6	4.1	15.8											

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)								
28-02-20	Mid-Ebb	TCE-C1	Sunny	Moderate	14:08	7.1	Surface	1.0	1	19.8	7.8	32.4	7.6	100.2	1.8	7.2	7.5	3.0	8.3								
									2	19.8	7.8	32.4	7.6	100.1	1.8	7.2											
							Middle	3.6	1	19.4	7.8	32.6	7.5	99.0	2.2	8.1											
									2	19.4	7.8	32.6	7.5	99.0	2.2	8.3											
							Bottom	6.1	1	19.2	7.7	33.5	7.3	95.8	4.9	9.7											
									2	19.2	7.7	33.5	7.3	95.7	4.9	9.4											
		TCE-C2	Sunny	Moderate	15:59	15.5	Surface	1.0	1	20.7	7.9	30.9	7.0	94.0	1.2	4.0	7.0	2.3	5.2								
									2	20.7	7.9	30.9	7.0	93.9	1.2	4.4											
							Middle	7.8	1	19.7	7.9	31.3	6.9	90.7	2.7	5.5											
									2	19.7	7.9	31.3	6.9	90.8	2.7	5.1											
							Bottom	14.5	1	19.4	7.9	32.0	6.9	90.7	3.1	6.1											
									2	19.4	7.9	32.0	6.9	90.8	3.1	5.8											
		TCE-WQM1	Sunny	Moderate	14:49	9.2	Surface	1.0	1	20.3	7.8	30.8	7.3	96.2	4.6	13.1	7.3	5.2	12.2								
									2	20.3	7.8	30.8	7.3	96.4	4.6	13.0											
							Middle	4.6	1	20.1	7.7	31.1	7.2	95.8	5.8	12.6											
									2	20.1	7.7	31.1	7.3	95.9	5.8	12.2											
							Bottom	8.2	1	19.9	7.6	31.3	7.3	96.3	5.2	11.1											
									2	19.9	7.6	31.3	7.3	96.3	5.3	11.0											
		TCE-WQM2a	Sunny	Moderate	15:24	7.6	Surface	1.0	1	20.7	7.9	30.4	7.1	94.5	2.5	7.9	7.1	3.2	7.5								
									2	20.7	7.9	30.4	7.1	94.5	2.5	8.1											
							Middle	3.8	1	20.0	7.9	30.6	7.0	92.3	3.3	6.8											
									2	20.0	7.9	30.6	7.0	92.4	3.3	7.1											
							Bottom	6.6	1	19.8	7.9	30.7	7.0	92.1	3.8	7.2											
									2	19.8	7.9	30.7	7.0	92.3	3.9	7.7											
		TCE-WQM2b	Sunny	Moderate	15:36	9.2	Surface	1.0	1	20.4	7.9	29.3	7.2	95.1	1.4	3.7	7.2	2.3	4.6								
									2	20.4	7.9	29.3	7.2	95.1	1.5	3.5											
							Middle	4.6	1	20.3	7.9	30.0	7.2	94.5	2.0	4.3											
									2	20.3	7.9	30.0	7.2	94.6	2.0	4.6											
							Bottom	8.2	1	19.7	7.9	31.1	7.2	94.3	3.5	5.5											
									2	19.7	7.9	31.1	7.2	94.5	3.4	5.9											
		TCE-WQM3A	Sunny	Moderate	15:13	3.9	Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8	7.1	3.0	7.7								
									2	20.5	7.9	30.4	7.1	94.1	2.7	6.4											
							Bottom	2.9	1	20.3	7.9	30.4	7.2	94.7	3.3	9.0											
									2	20.3	7.9	30.4	7.2	94.8	3.3	8.6											
							TCE-WQM4	Sunny	Moderate	15:02	3.4	Surface	1.0	1	21.2	7.8				30.3	7.2	96.7	2.8	6.4	7.2	3.0	7.1
														2	21.2	7.8				30.3	7.2	96.6	2.8	6.1			
		Bottom	2.4	1	20.5	7.8						30.3	7.3	96.3	3.2	7.6											
				2	20.5	7.8						30.3	7.3	96.3	3.2	7.6											
		TCE-WQM3A	Sunny	Moderate	15:13	3.9						Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8	7.1	3.0	7.7			
														2	20.5	7.9	30.4	7.1	94.1	2.7	6.4						
							Bottom	2.9	1	20.3	7.9	30.4	7.2	94.7	3.3	9.0											
									2	20.3	7.9	30.4	7.2	94.8	3.3	8.6											
							TCE-WQM4	Sunny	Moderate	15:02	3.4	Surface	1.0	1	21.2	7.8	30.3	7.2	96.7	2.8	6.4				7.2	3.0	7.1
														2	21.2	7.8	30.3	7.2	96.6	2.8	6.1						
		Bottom	2.4	1	20.5	7.8						30.3	7.3	96.3	3.2	7.6											
				2	20.5	7.8						30.3	7.3	96.3	3.2	7.6											
		TCE-WQM3A	Sunny	Moderate	15:13	3.9						Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8	7.1	3.0	7.7			
														2	20.5	7.9	30.4	7.1	94.1	2.7	6.4						
Bottom	2.9						1	20.3	7.9	30.4	7.2	94.7	3.3	9.0													
							2	20.3	7.9	30.4	7.2	94.8	3.3	8.6													
TCE-WQM4	Sunny						Moderate	15:02	3.4	Surface	1.0	1	21.2	7.8	30.3	7.2	96.7	2.8	6.4	7.2	3.0				7.1		
												2	21.2	7.8	30.3	7.2	96.6	2.8	6.1								
		Bottom	2.4	1	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
				2	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
		TCE-WQM3A	Sunny	Moderate	15:13	3.9				Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8			7.1	3.0	7.7			
												2	20.5	7.9	30.4	7.1	94.1	2.7	6.4								
Bottom	2.9						1	20.3	7.9	30.4	7.2	94.7	3.3	9.0													
							2	20.3	7.9	30.4	7.2	94.8	3.3	8.6													
TCE-WQM4	Sunny						Moderate	15:02	3.4	Surface	1.0	1	21.2	7.8	30.3	7.2	96.7	2.8	6.4	7.2	3.0				7.1		
												2	21.2	7.8	30.3	7.2	96.6	2.8	6.1								
		Bottom	2.4	1	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
				2	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
		TCE-WQM3A	Sunny	Moderate	15:13	3.9				Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8			7.1	3.0	7.7			
												2	20.5	7.9	30.4	7.1	94.1	2.7	6.4								
Bottom	2.9						1	20.3	7.9	30.4	7.2	94.7	3.3	9.0													
							2	20.3	7.9	30.4	7.2	94.8	3.3	8.6													
TCE-WQM4	Sunny						Moderate	15:02	3.4	Surface	1.0	1	21.2	7.8	30.3	7.2	96.7	2.8	6.4	7.2	3.0				7.1		
												2	21.2	7.8	30.3	7.2	96.6	2.8	6.1								
		Bottom	2.4	1	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
				2	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
		TCE-WQM3A	Sunny	Moderate	15:13	3.9				Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8			7.1	3.0	7.7			
												2	20.5	7.9	30.4	7.1	94.1	2.7	6.4								
Bottom	2.9						1	20.3	7.9	30.4	7.2	94.7	3.3	9.0													
							2	20.3	7.9	30.4	7.2	94.8	3.3	8.6													
TCE-WQM4	Sunny						Moderate	15:02	3.4	Surface	1.0	1	21.2	7.8	30.3	7.2	96.7	2.8	6.4	7.2	3.0				7.1		
												2	21.2	7.8	30.3	7.2	96.6	2.8	6.1								
		Bottom	2.4	1	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
				2	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
		TCE-WQM3A	Sunny	Moderate	15:13	3.9				Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8			7.1	3.0	7.7			
												2	20.5	7.9	30.4	7.1	94.1	2.7	6.4								
Bottom	2.9						1	20.3	7.9	30.4	7.2	94.7	3.3	9.0													
							2	20.3	7.9	30.4	7.2	94.8	3.3	8.6													
TCE-WQM4	Sunny						Moderate	15:02	3.4	Surface	1.0	1	21.2	7.8	30.3	7.2	96.7	2.8	6.4	7.2	3.0				7.1		
												2	21.2	7.8	30.3	7.2	96.6	2.8	6.1								
		Bottom	2.4	1	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
				2	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
		TCE-WQM3A	Sunny	Moderate	15:13	3.9				Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8			7.1	3.0	7.7			
												2	20.5	7.9	30.4	7.1	94.1	2.7	6.4								
Bottom	2.9						1	20.3	7.9	30.4	7.2	94.7	3.3	9.0													
							2	20.3	7.9	30.4	7.2	94.8	3.3	8.6													
TCE-WQM4	Sunny						Moderate	15:02	3.4	Surface	1.0	1	21.2	7.8	30.3	7.2	96.7	2.8	6.4	7.2	3.0				7.1		
												2	21.2	7.8	30.3	7.2	96.6	2.8	6.1								
		Bottom	2.4	1	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
				2	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
		TCE-WQM3A	Sunny	Moderate	15:13	3.9				Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8			7.1	3.0	7.7			
												2	20.5	7.9	30.4	7.1	94.1	2.7	6.4								
Bottom	2.9						1	20.3	7.9	30.4	7.2	94.7	3.3	9.0													
							2	20.3	7.9	30.4	7.2	94.8	3.3	8.6													
TCE-WQM4	Sunny						Moderate	15:02	3.4	Surface	1.0	1	21.2	7.8	30.3	7.2	96.7	2.8	6.4	7.2	3.0				7.1		
												2	21.2	7.8	30.3	7.2	96.6	2.8	6.1								
		Bottom	2.4	1	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
				2	20.5	7.8				30.3	7.3	96.3	3.2	7.6													
		TCE-WQM3A	Sunny	Moderate	15:13	3.9				Surface	1.0	1	20.5	7.9	30.4	7.1	94.1	2.7	6.8			7.1	3.0	7.7			
												2	20.5														