

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

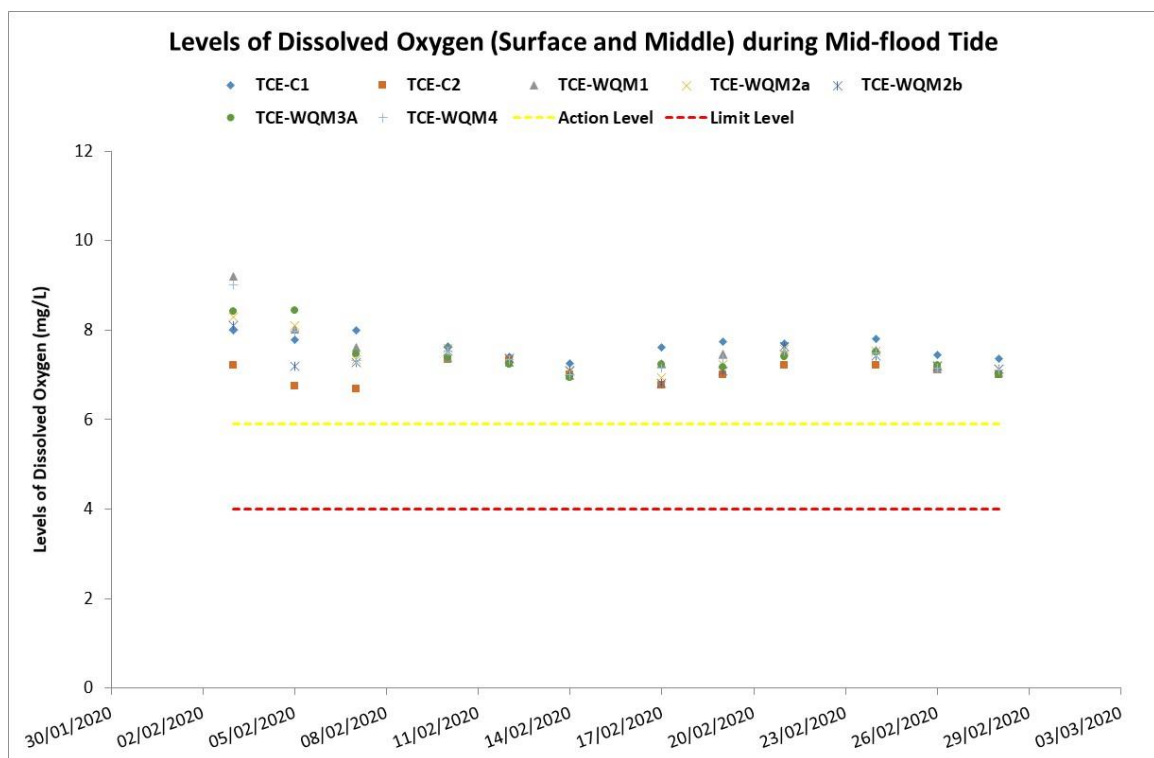


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 29 February 2020

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

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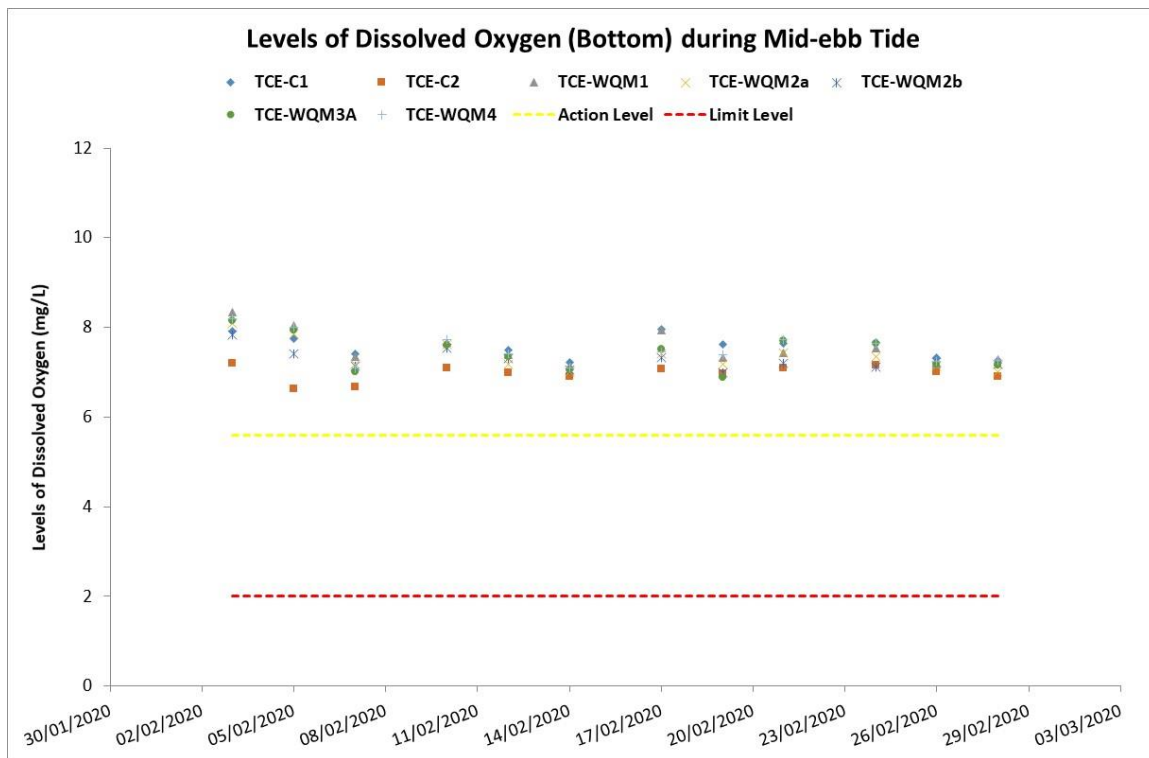


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 29 February 2020

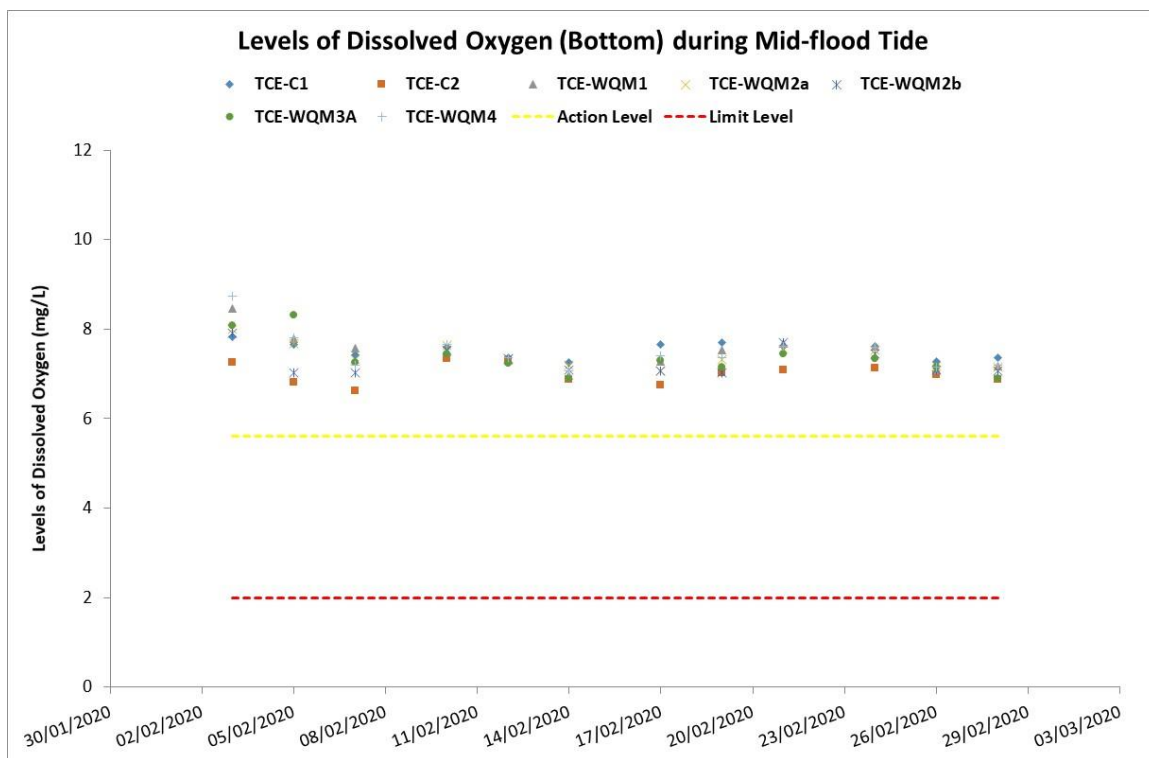


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 29 February 2020

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

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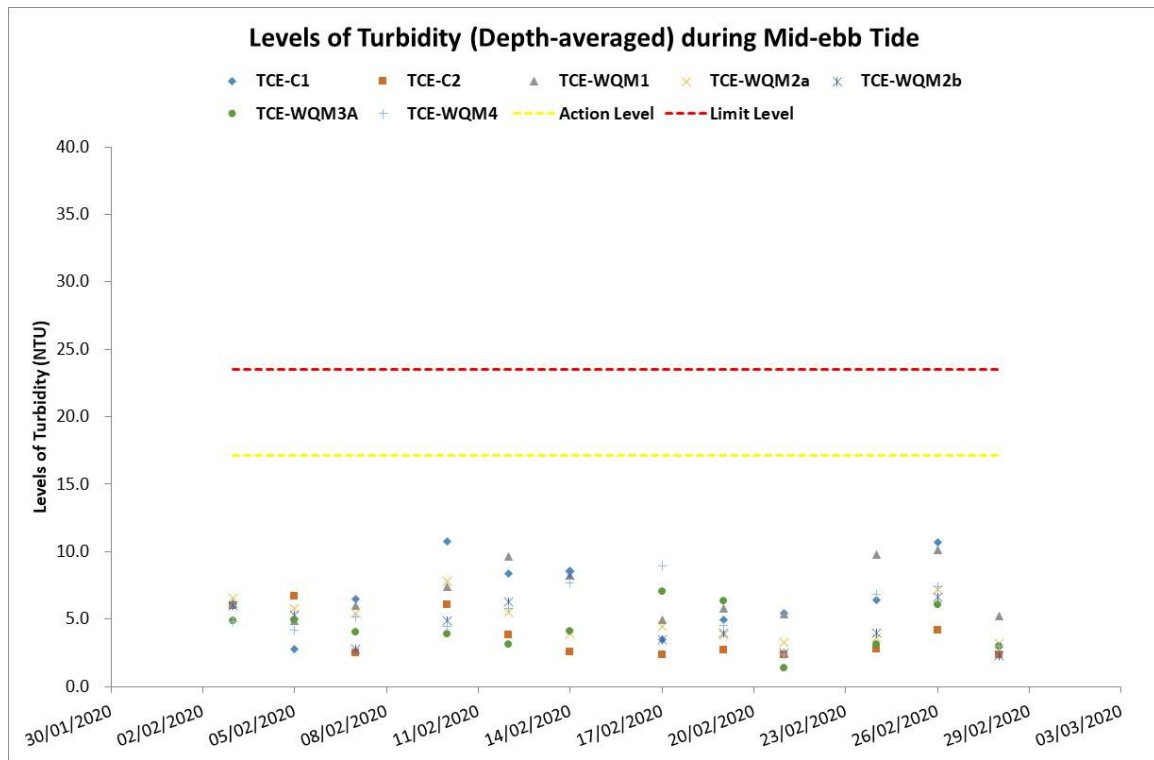


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 29 February 2020

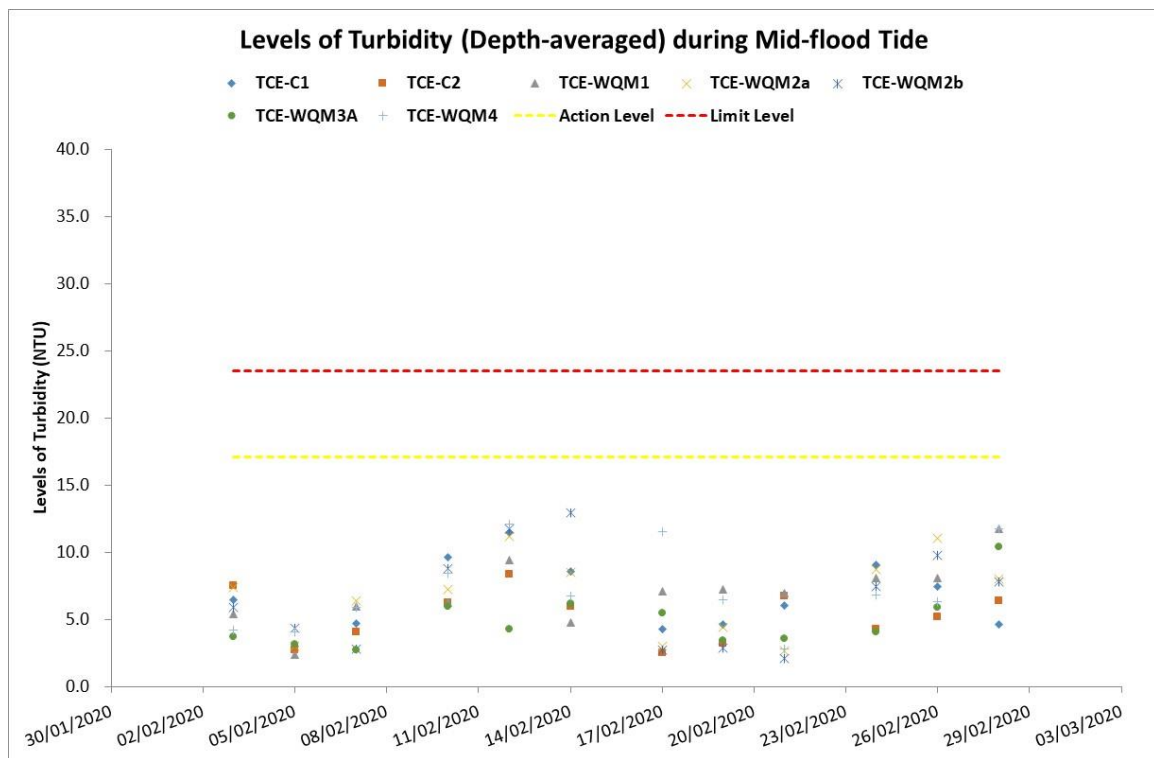


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 29 February 2020

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

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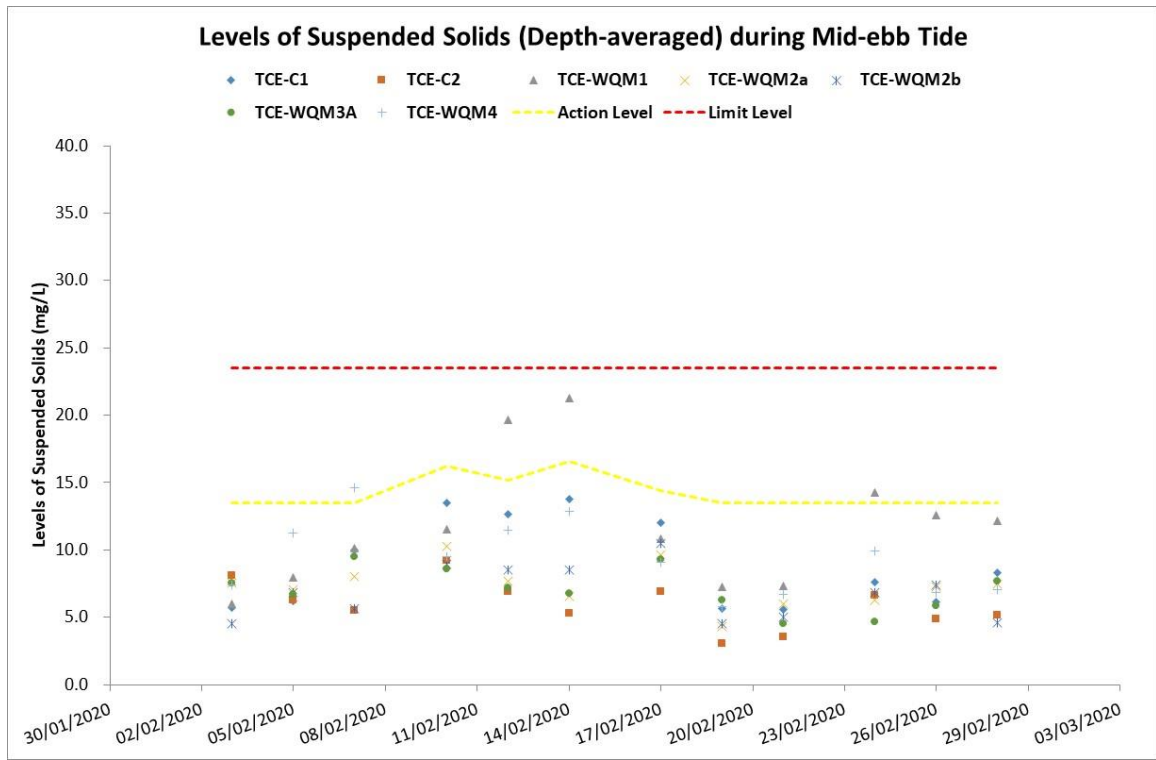


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 29 February 2020

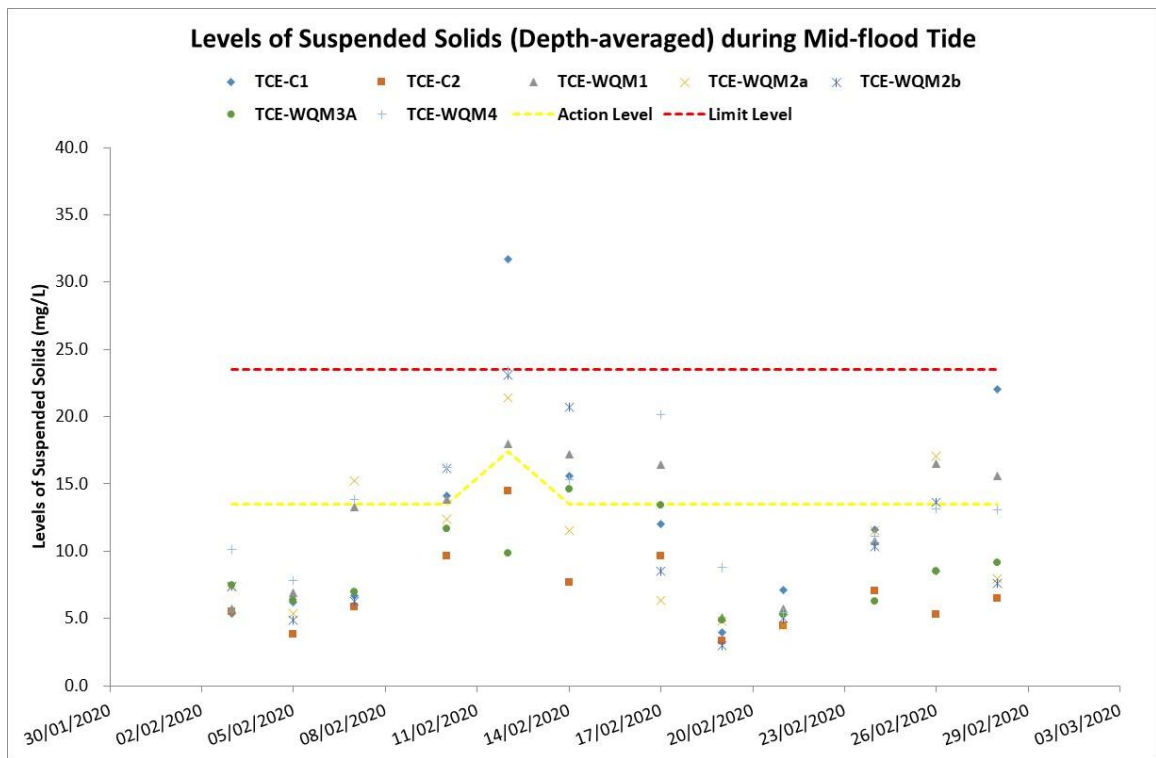


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 29 February 2020

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

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged							
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)					
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	7.9										
						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	7.2										
						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	8.3										
						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	8.1										
						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	7.8										
						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	106.3	5.1	6.9								
		03-02-20	Mid-Flood	TCE-C1	Cloudy	Moderate	11:23	8.2	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	7.8								
								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	7.3										
						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	8.5										
						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	8.0										
						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	7.9										
						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													
		05-02-20	Mid-Flood	TCE-C1	Cloudy	Moderate						13:12	8.5	Surface	1.0	1	18.9	7.8	34.6	7.8	103.5	2.6	7.0	7.8				3.0	6.2
																2	18.9	7.8	34.6	7.8	103.2	2.7	6.1						
							Middle	4.3	1	18.9	7.8			34.6	7.8	102.3	3.1	6.5											
									2	18.9	7.8			34.6	7.7	102.2	3.0	6.2											
							Bottom	7.5	1	18.9	7.8			34.6	7.7	101.2	3.3	6.0											
									2	18.9	7.8			34.6	7.7	101.3	3.3	5.3											
				TCE-C2	Cloudy	Moderate	15:13	12.6	Surface	1.0	1	19.5	7.8	34.6	6.8	90.4	2.2	3.5	6.8	2.8	3.8								
											2	19.5	7.8	34.6	6.7	90.2	2.2	4.4											
									Middle	6.3	1	19.5	7.8	34.6	6.8	90.5	2.7	4.6											
											2	19.5	7.8	34.6	6.8	90.5	2.7	4.0											
Bottom	11.6								1	19.5	7.8	34.6	6.8	91.2	3.4	3.6													
									2	19.5	7.8	34.6	6.8	91.2	3.4	2.9													
TCE-WQM1	Cloudy			Moderate	14:01	8.0	Surface	1.0	1	18.7	7.8	33.9	8.1	105.7	2.3	7.6	8.0	2.4	6.9										
									2	18.7	7.8	33.9	8.1	105.6	2.3	7.7													
							Middle	4.0	1	18.7	7.8	33.9	8.0	104.5	2.3	6.3													
									2	18.7	7.8	33.9	8.0	104.2	2.4	6.4													
							Bottom	7.0	1	18.7	7.8	33.9	7.8	102.0	2.5	7.3													
									2	18.7	7.8	33.9	7.8	102.1	2.5	6.2													
TCE-WQM2a	Cloudy			Moderate	14:36	7.9	Surface	1.0	1	18.9	7.9	33.6	8.3	108.4	2.6	5.9	8.1	3.0	5.3										
									2	18.9	7.9	33.6	8.3	108.4	2.6	6.9													
							Middle	4.0	1	18.9	7.9	33.7	8.0	104.8	3.1	5.0													
									2	18.9	7.9	33.7	8.0	104.6	3.0	4.5													
							Bottom	6.9	1	19.0	7.9	33.8	7.7	101.4	3.4	4.6													
									2	19.0	7.9	33.8	7.7	100.9	3.4	5.1													
TCE-WQM2b	Cloudy			Moderate	14:48	11.0	Surface	1.0	1	19.1	7.9	34.0	7.4	97.1	3.8	3.7	7.2	4.3	4.9										
									2	19.1	7.9	34.0	7.3	96.3	3.8	4.4													
							Middle	5.5	1	19.2	7.9	34.1	7.1	94.0	4.7	4.9													
									2	19.2	7.9	34.0	7.0	93.0	4.7	4.5													
							Bottom	10.0	1	19.4	7.9	34.4	7.0	93.4	4.5	6.2													
									2	19.4	7.9	34.4	7.0	93.4	4.5	5.6													
TCE-WQM3A	Cloudy			Calm	14:25	4.1	Surface	1.0	1	18.9	7.8	33.5	8.4	110.8	2.7	6.6	8.4	3.2	6.4										
									2	18.9	7.8	33.5	8.4	110.7	2.8	5.7													
							Bottom	3.1	1	18.9	7.8	33.5	8.3	109.2	3.6	7.0													
									2	18.9	7.8	33.5	8.3	109.0	3.6	6.2													
							TCE-WQM4	Cloudy	Calm	14:14	3.4	Surface	1.0	1	18.7	7.9				33.8	8.0	104.5	3.9	6.7	8.0	4.1	7.8		
														2	18.7	7.9				33.8	8.0	104.2	4.0	6.9					
Bottom	2.4			1	18.7	7.8						33.8	7.8	102.6	4.2	8.6													
				2	18.7	7.8						33.9	7.8	102.0	4.3	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)			
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						
									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						
									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						
									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						
									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						
									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						
							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						
		Middle	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											
		Bottom	7.7	1	18.8	8.2	34.3	7.4	97.8	8.1	7.1											
				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						
									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								
							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								
							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								
							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								
					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	7.6										
						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	7.1										
						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	7.7										
						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	7.6										
						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	7.5										
						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	7.6								
								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	7.3										
						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	7.5										
						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	7.6										
						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	7.5										
						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											
		TCE-C2	Cloudy	Rough	6:12	16.2	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											
		TCE-WQM1	Cloudy	Rough	7:23	9.1	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											
		TCE-WQM2a	Cloudy	Rough	6:50	8.8	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											
		TCE-WQM2b	Cloudy	Rough	6:39	12.0	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											
		TCE-WQM3A	Cloudy	Rough	7:01	4.7	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								
		TCE-WQM4	Cloudy	Rough	7:12	4.3	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								
		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									
				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											
TCE-WQM1	Sunny			Moderate	12:42	8.6	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											
TCE-WQM2a	Sunny			Moderate	13:18	7.9	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											
TCE-WQM2b	Sunny			Moderate	13:30	12.6	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											
TCE-WQM3A	Sunny			Moderate	13:08	4.3	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								
TCE-WQM4	Sunny			Moderate	12:55	3.5	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								

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)										
21-02-20	Mid-Ebb	TCE-C1	Fine	Rough	10:40	7.8	Surface	1.0	1	18.2	7.8	30.7	7.9	100.3	3.3	5.3	7.8	5.4	5.6										
									2	18.2	7.8	30.7	7.9	100.3	3.4	5.3													
							Middle	3.9	1	17.8	7.8	32.8	7.6	97.7	6.2	5.4													
									2	17.8	7.8	32.8	7.6	97.7	6.2	5.7													
							Bottom	6.8	1	17.8	7.8	33.1	7.6	98.0	6.7	6.0													
									2	17.8	7.8	33.1	7.6	98.1	6.8	5.8													
		TCE-C2	Fine	Rough	12:50	14.8	Surface	1.0	1	18.5	8.0	33.2	7.1	91.9	1.0	3.9	7.0	2.4	3.5										
									2	18.5	8.0	33.2	7.1	91.9	1.0	3.8													
							Middle	7.4	1	18.1	8.0	33.6	7.0	91.0	1.5	3.6													
									2	18.1	8.0	33.6	7.0	91.1	1.6	3.3													
							Bottom	13.8	1	18.1	8.0	33.7	7.1	91.6	4.5	3.2													
									2	18.1	8.0	33.7	7.1	91.9	4.6	3.4													
		TCE-WQM1	Fine	Rough	11:32	8.3	Surface	1.0	1	18.1	7.9	33.1	7.5	97.4	3.0	5.6	7.6	5.3	7.3										
									2	18.1	7.9	33.1	7.5	97.4	3.0	5.8													
							Middle	4.2	1	18.1	8.0	33.0	7.6	97.7	3.9	7.8													
									2	18.1	8.0	33.0	7.6	97.5	4.0	7.5													
							Bottom	7.3	1	18.1	8.1	33.0	7.4	96.1	9.0	8.8													
									2	18.1	8.1	33.0	7.4	95.8	9.2	8.4													
		TCE-WQM2a	Fine	Rough	12:10	7.9	Surface	1.0	1	18.3	8.0	32.3	7.6	97.9	1.7	5.4	7.5	3.3	6.0										
									2	18.3	8.0	32.3	7.6	97.9	1.7	5.1													
							Middle	4.0	1	18.2	8.0	32.4	7.5	96.0	2.5	5.9													
									2	18.2	8.0	32.4	7.5	95.9	2.5	6.2													
							Bottom	6.9	1	18.1	8.0	32.8	7.4	95.6	5.6	6.7													
									2	18.1	8.0	32.8	7.4	95.6	5.7	6.6													
		TCE-WQM2b	Fine	Rough	12:24	11.2	Surface	1.0	1	18.4	8.0	32.6	7.2	93.6	1.8	3.8	7.1	2.5	5.0										
									2	18.4	8.0	32.6	7.2	93.6	1.8	4.1													
							Middle	5.6	1	18.2	8.0	33.4	7.0	91.1	2.2	4.8													
									2	18.2	8.0	33.4	7.1	91.3	2.2	4.5													
							Bottom	10.2	1	18.1	8.0	33.6	7.2	92.9	3.6	6.2													
									2	18.1	8.0	33.6	7.2	93.2	3.5	6.5													
		TCE-WQM3A	Fine	Rough	11:58	4.6	Surface	1.0	1	18.2	8.2	32.0	7.7	99.4	1.3	4.0	7.7	1.4	4.5										
									2	18.2	8.2	32.0	7.7	99.2	1.3	4.5													
							Bottom	3.6	1	18.2	8.2	32.0	7.7	99.1	1.5	4.7													
									2	18.2	8.2	32.0	7.7	99.0	1.5	4.9													
							TCE-WQM4	Fine	Rough	11:44	3.1	Surface	1.0	1	18.3	8.0				32.7	7.6	98.3	1.9	5.7	7.6	2.3	6.7		
														2	18.3	8.0				32.7	7.6	98.3	1.9	5.5					
		Bottom	2.1	1	18.2	8.0						32.8	7.7	99.7	2.8	7.6													
				2	18.2	8.0						32.8	7.7	99.8	2.8	8.0													
		21-02-20	Mid-Flood	TCE-C1	Cloudy	Rough						8:11	7.6	Surface	1.0	1	17.9	7.8	31.6	7.8	98.9	4.3	6.2	7.7				6.1	7.1
																2	17.9	7.8	31.6	7.8	98.9	4.4	6.0						
							Middle	3.8	1	17.8	7.8			33.0	7.6	97.8	7.6	7.3											
									2	17.8	7.8			33.0	7.6	97.9	7.6	7.0											
							Bottom	6.6	1	17.8	7.8			33.3	7.6	97.9	6.2	8.2											
									2	17.8	7.7			33.3	7.6	97.9	6.3	7.9											
				TCE-C2	Cloudy	Rough	6:21	16.5	Surface	1.0	1	17.9	7.7	32.5	7.3	93.7	3.4	5.0	7.2	6.7	4.5								
											2	17.9	7.7	32.5	7.3	93.6	3.5	5.1											
									Middle	8.3	1	18.1	7.6	33.1	7.1	91.8	9.1	4.3											
											2	18.1	7.6	33.1	7.1	91.8	9.1	4.5											
Bottom	15.5								1	18.1	7.5	33.2	7.1	91.5	7.7	4.1													
									2	18.1	7.5	33.2	7.1	91.3	7.7	3.7													
TCE-WQM1	Cloudy			Rough	7:29	9.7	Surface	1.0	1	17.9	7.9	33.1	7.5	96.3	4.1	6.3	7.5	6.9	5.7										
									2	17.9	7.9	33.1	7.5	96.2	4.2	6.6													
							Middle	4.9	1	17.9	7.9	33.2	7.5	96.6	7.0	6.0													
									2	17.9	7.9	33.2	7.5	96.6	7.2	5.6													
							Bottom	8.7	1	17.9	7.9	33.3	7.7	98.8	9.3	4.8													
									2	17.9	7.9	33.3	7.7	98.8	9.8	5.1													
TCE-WQM2a	Cloudy			Rough	6:55	7.3	Surface	1.0	1	18.0	7.7	32.0	7.6	97.3	1.8	3.5	7.6	2.7	4.5										
									2	18.0	7.7	32.0	7.6	97.3	1.8	3.9													
							Middle	3.7	1	18.1	7.7	32.4	7.5	97.0	2.4	4.4													
									2	18.1	7.7	32.4	7.5	96.9	2.5	4.5													
							Bottom	6.3	1	18.0	7.7	32.6	7.6	97.2	3.7	5.5													
									2	18.0	7.7	32.6	7.6	97.2	3.8	5.1													
TCE-WQM2b	Cloudy			Rough	6:43	9.5	Surface	1.0	1	18.0	7.7	32.1	7.6	97.7	1.8	5.9	7.6	2.1	5.0										
									2	18.0	7.7	32.1	7.6	97.5	1.8	5.4													
							Middle	4.8	1	18.0	7.7	32.2	7.6	97.9	2.1	4.9													
									2	18.0	7.7	32.2	7.6	97.9	2.1	4.6													
							Bottom	8.5	1	18.0	7.5	32.4	7.7	98.7	2.5	4.4													
									2	18.0	7.5	32.4	7.7	98.8	2.5	4.7													
TCE-WQM3A	Cloudy			Rough	7:07	3.4	Surface	1.0	1	17.8	7.8	32.7	7.4	94.8	2.9	4.4	7.4	3.6	5.3										
									2	17.8	7.8	32.7	7.4	94.8	2.9	4.0													
							Bottom	2.4	1	17.8	7.8	32.9	7.4	95.5	4.2	6.5													
									2	17.8	7.8	32.9	7.4	95.5	4.3	6.2													
							TCE-WQM4	Cloudy	Rough	7:18	3.3	Surface	1.0	1	17.9	7.9				32.5	7.5	96.5	2.3	6.0	7.5	2.8	5.5		
														2	17.9	7.9				32.5	7.5	96.5	2.3	5.5					
Bottom	2.3			1	17.9	7.9						32.9	7.6	98.0	3.3	5.3													
				2	17.9	7.9						32.9	7.6	97.8	3.2	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)										
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													
									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													
									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													
									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													
									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													
									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											
									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													
									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													
									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													
									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													
									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													
							TCE-WQM4	Sunny	Rough	14:04	4.1	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					
		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													
							TCE-WQM4	Cloudy	Moderate	8:22	3.5	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	8.1											
		TCE-C1	Cloudy	Rough	10:41	8.2						Surface	1.0	1	19.0	7.8	32.6	7.4	96.3	6.1	22.4	7.4	4.7	22.1			
														2	19.0	7.8	32.6	7.4	96.3	6.2	22.0						
							Middle	4.1	1	19.0	7.8	32.6	7.4	96.6	4.1	24.6											
									2	19.0	7.8	32.6	7.4	96.6	4.1	25.3											
							Bottom	7.2	1	19.0	7.8	32.7	7.4	96.5	3.7	19.1											
									2	19.0	7.8	32.7	7.4	96.4	3.8	19.0											
		TCE-C2	Cloudy	Rough	8:40	14.2	Surface	1.0	1	19.6	7.6	30.7	7.1	92.4	4.4	6.9	7.0	6.4	6.5								
									2	19.6	7.6	30.7	7.1	92.5	4.4	6.6											
							Middle	7.1	1	19.6	7.6	30.9	7.0	91.2	5.8	6.5											
									2	19.6	7.6	30.9	6.9	91.0	5.8	6.2											
Bottom	13.2						1	19.4	7.5	31.8	6.9	90.2	8.9	6.2													
							2	19.4	7.5	31.8	6.9	90.2	8.9	6.3													
TCE-WQM1	Cloudy	Rough	9:52	7.4	Surface	1.0	1	20.4	7.7	30.3	7.1	93.8	8.2	16.2	7.0	11.7	15.6										
							2	20.4	7.7	30.3	7.1	93.7	8.2	16.4													
					Middle	3.7	1	20.1	7.7	30.2	7.0	92.3	12.2	15.7													
							2	20.1	7.7	30.2	7.0	92.3	12.2	15.1													
					Bottom	6.4	1	20.2	7.7	30.3	7.2	94.7	14.7	14.8													
							2	20.2	7.7	30.3	7.2	94.7	14.8	15.3													
TCE-WQM2a	Cloudy	Rough	9:17	7.2	Surface	1.0	1	19.7	7.8	30.3	7.1	93.4	6.1	6.0	7.1	8.0	7.9										
							2	19.7	7.8	30.3	7.1	93.4	6.1	6.3													
					Middle	3.6	1	19.8	7.8	30.4	7.1	93.3	7.6	8.3													
							2	19.8	7.8	30.4	7.1	93.3	7.7	7.7													
					Bottom	6.2	1	19.8	7.8	30.5	7.1	93.6	10.2	9.5													
							2	19.8	7.8	30.5	7.1	93.6	10.2	9.8													
TCE-WQM2b	Cloudy	Rough	9:05	10.5	Surface	1.0	1	19.7	7.7	30.0	7.1	92.9	7.2	6.5	7.1	7.8	7.6										
							2	19.7	7.7	30.0	7.1	93.1	7.2	6.8													
					Middle	5.3	1	19.7	7.7	30.2	7.1	93.2	8.9	7.3													
							2	19.7	7.7	30.2	7.1	93.2	9.0	7.0													
					Bottom	9.5	1	19.7	7.7	30.4	7.1	92.2	7.3	8.8													
							2	19.7	7.7	30.4	7.1	92.3	7.3	9.3													
TCE-WQM3A	Cloudy	Rough	9:30	5.3	Surface	1.0	1	20.1	7.7	30.2	7.0	92.2	7.1	7.7	7.0	10.4	9.2										
							2	20.1	7.7	30.2	7.0	92.2	7.1	8.0													
					Bottom	4.3	1	19.8	7.7	30.8	6.9	90.5	13.6	10.3													
							2	19.8	7.7	30.8	6.9	90.5	13.7	10.7													
					TCE-WQM4	Cloudy	Rough	9:40	4.4	Surface	1.0	1	20.0	7.7				30.5	7.1	93.5	9.1	11.4	7.1	11.8	13.1		
												2	20.0	7.7				30.5	7.1	93.5	9.1	11.6					
Bottom	3.4	1	19.8	7.7						30.7	7.2	94.6	14.5	14.6													
		2	19.8	7.7						30.7	7.2	94.6	14.5	14.6													
		1	19.8	7.7						30.7	7.2	94.6	14.4	14.6													
		2	19.8	7.7						30.7	7.2	94.6	14.4	14.6													