

Figure 1: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 October 2018

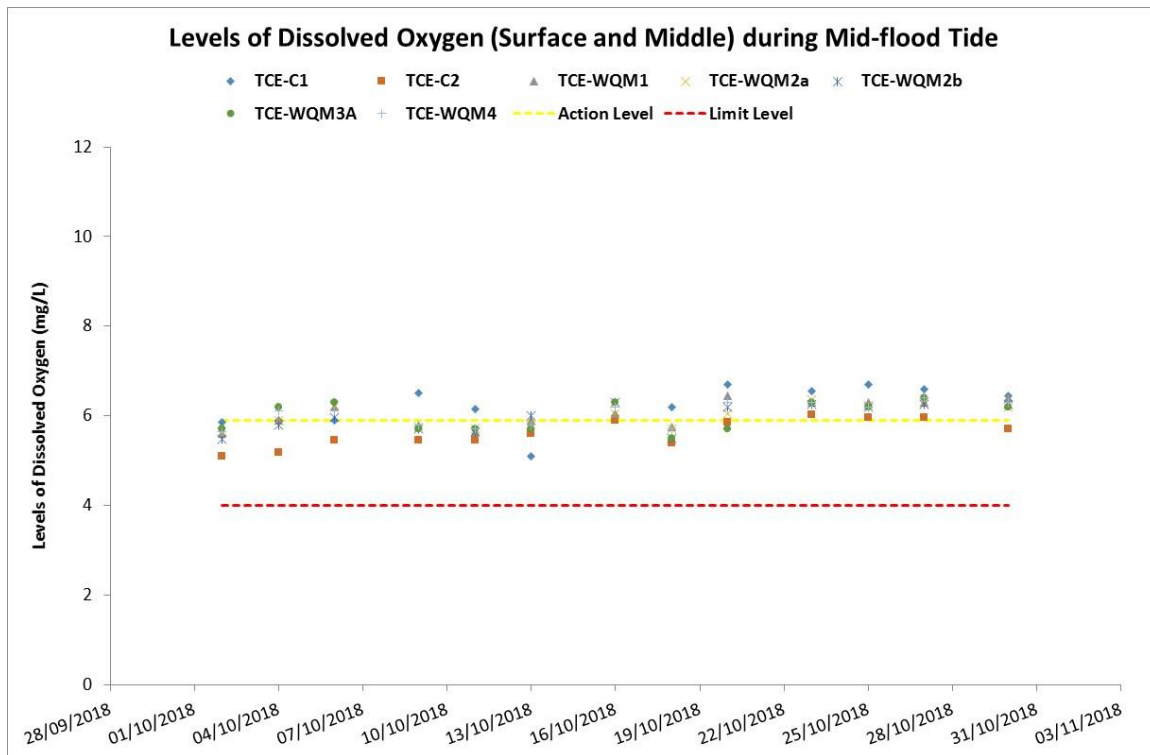


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 October 2018

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

Date: October 2018

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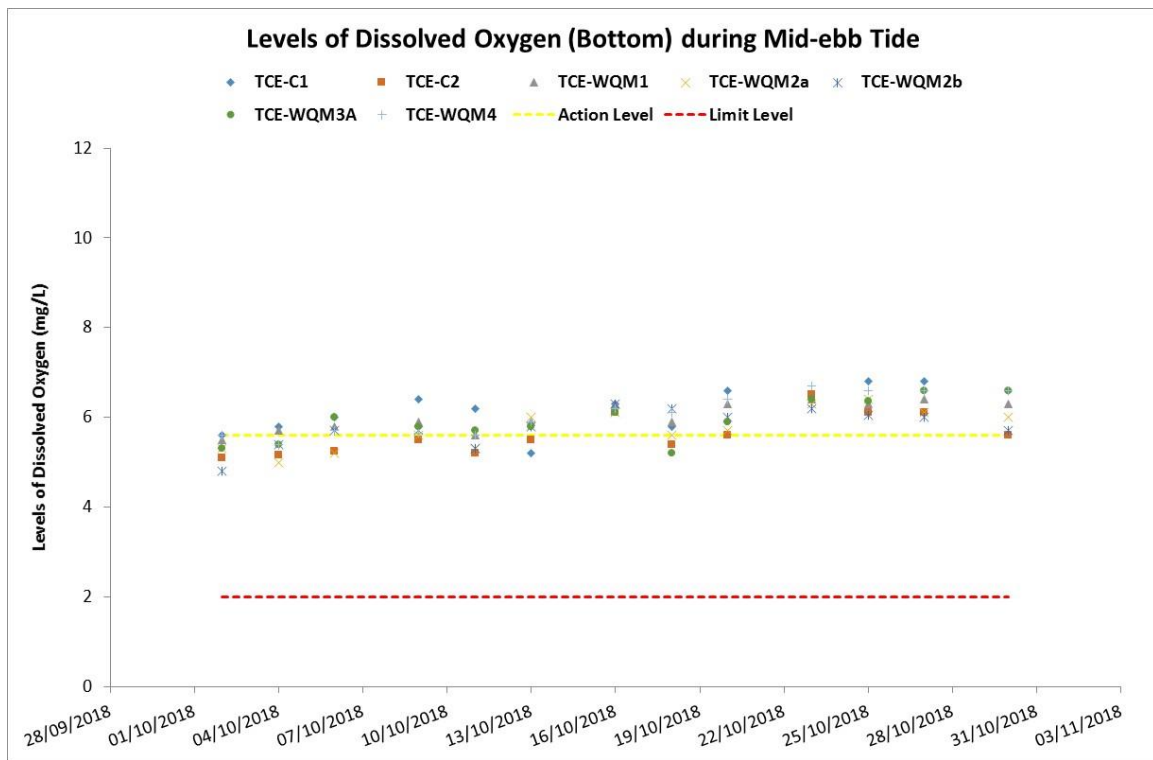


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 October 2018

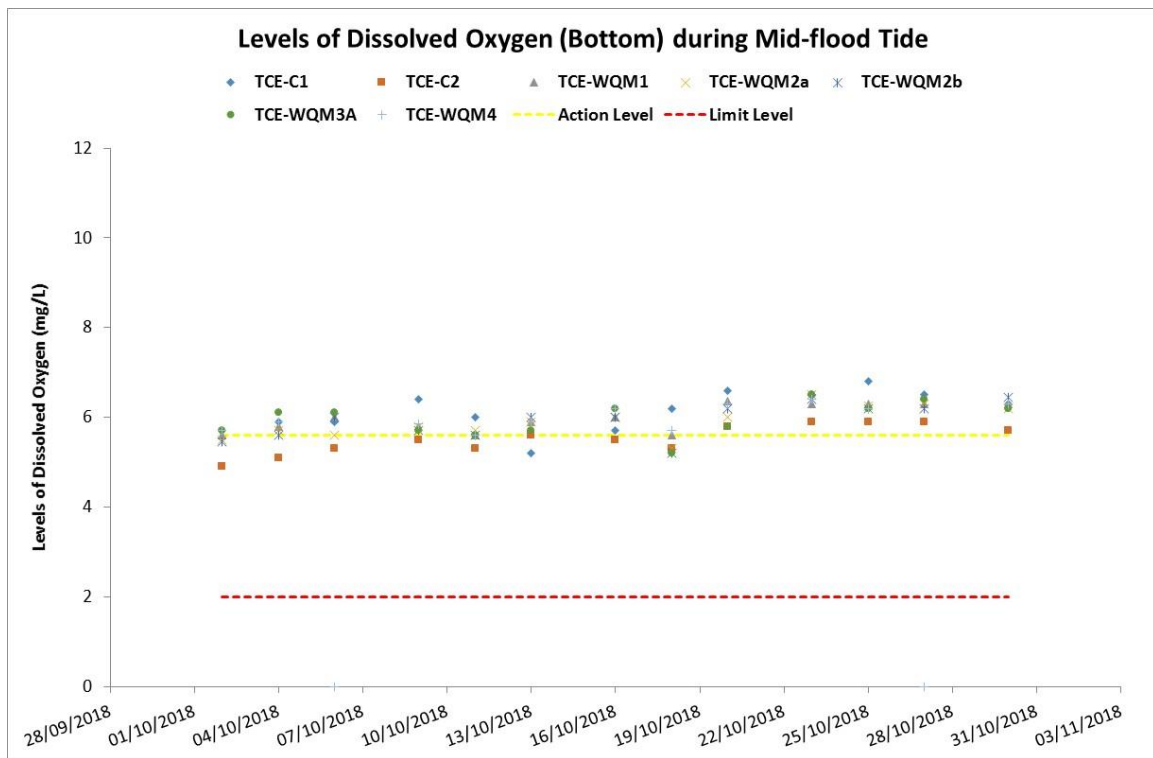


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 October 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung, JT\02_Deliverable\10 Monthly EM&A Report\
 Date: October 2018

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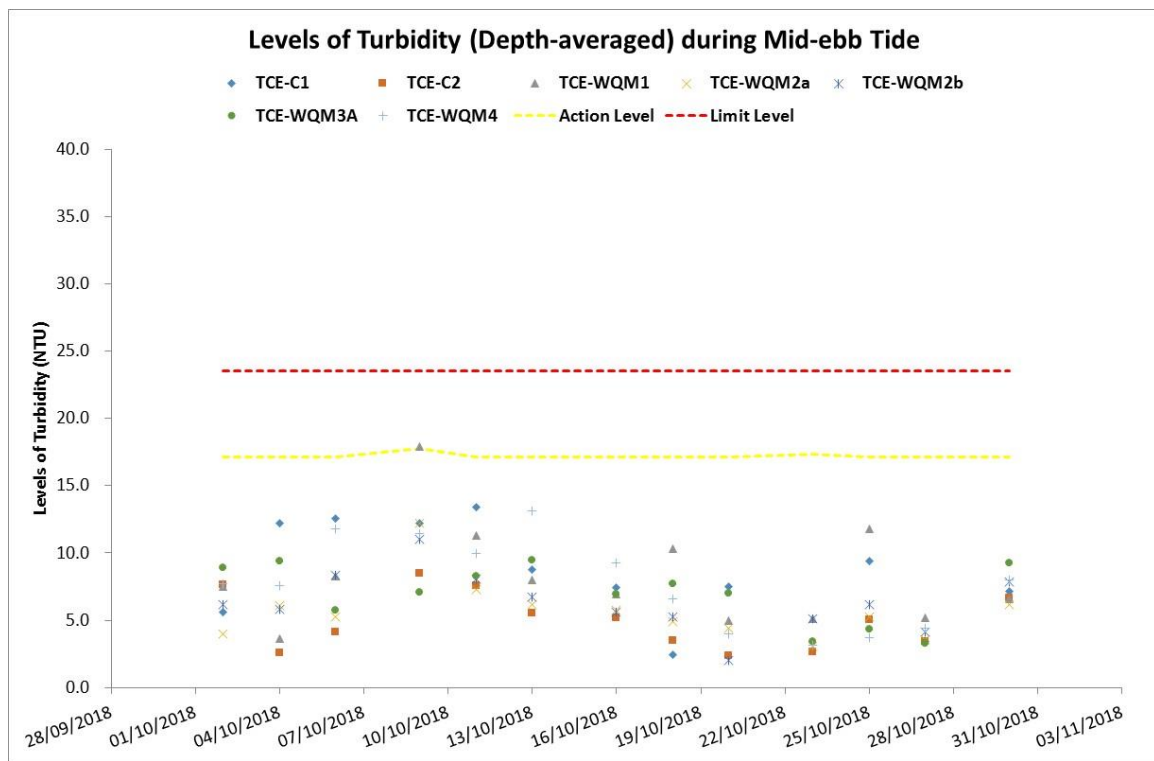


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 October 2018

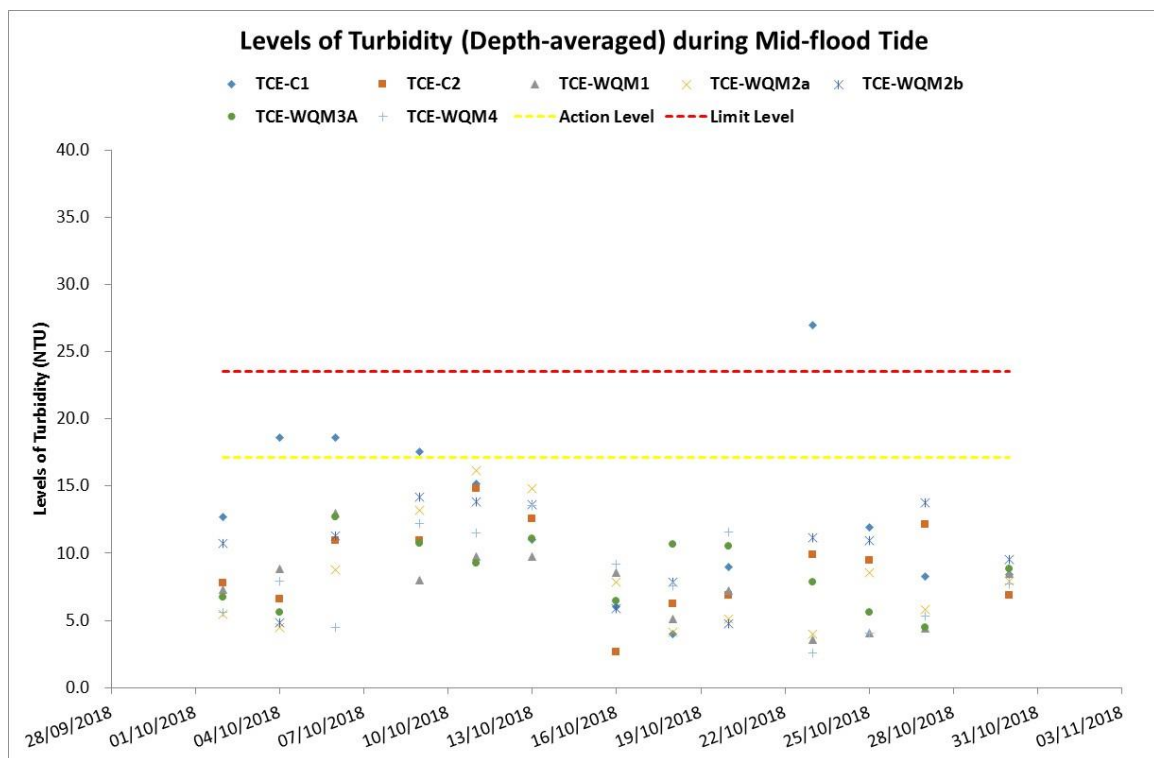


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 October 2018

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

Date: October 2018

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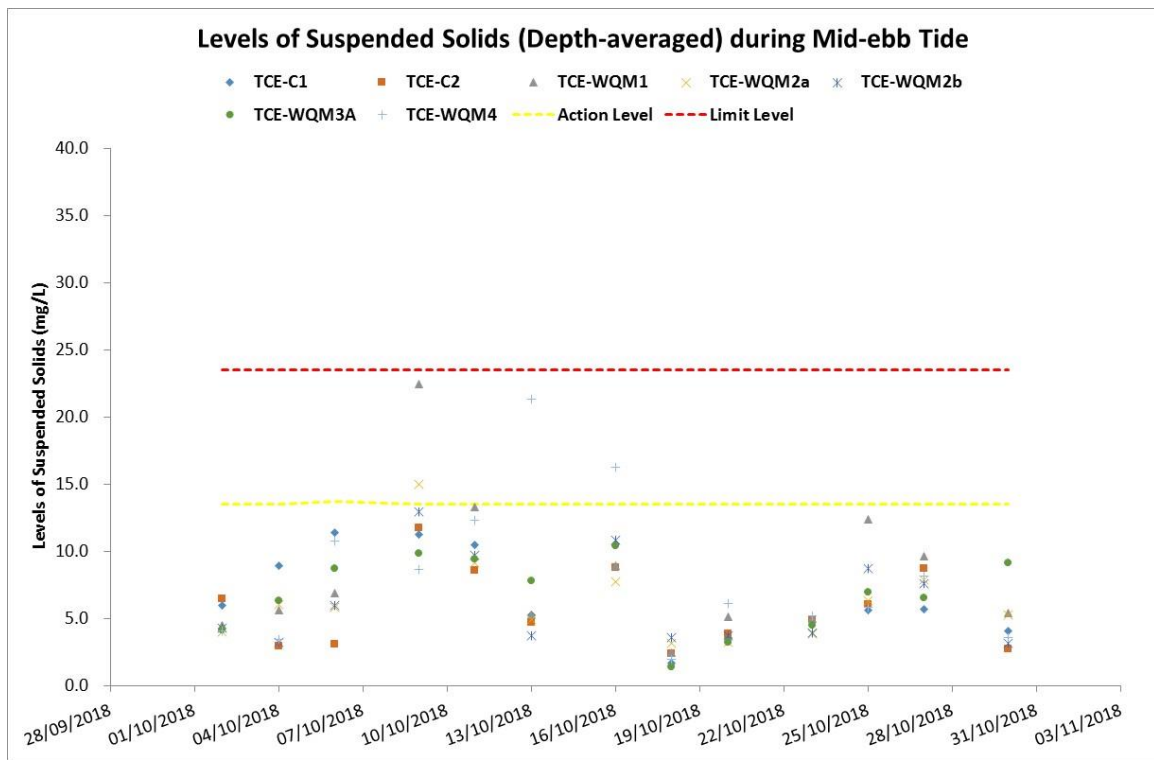


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 October 2018

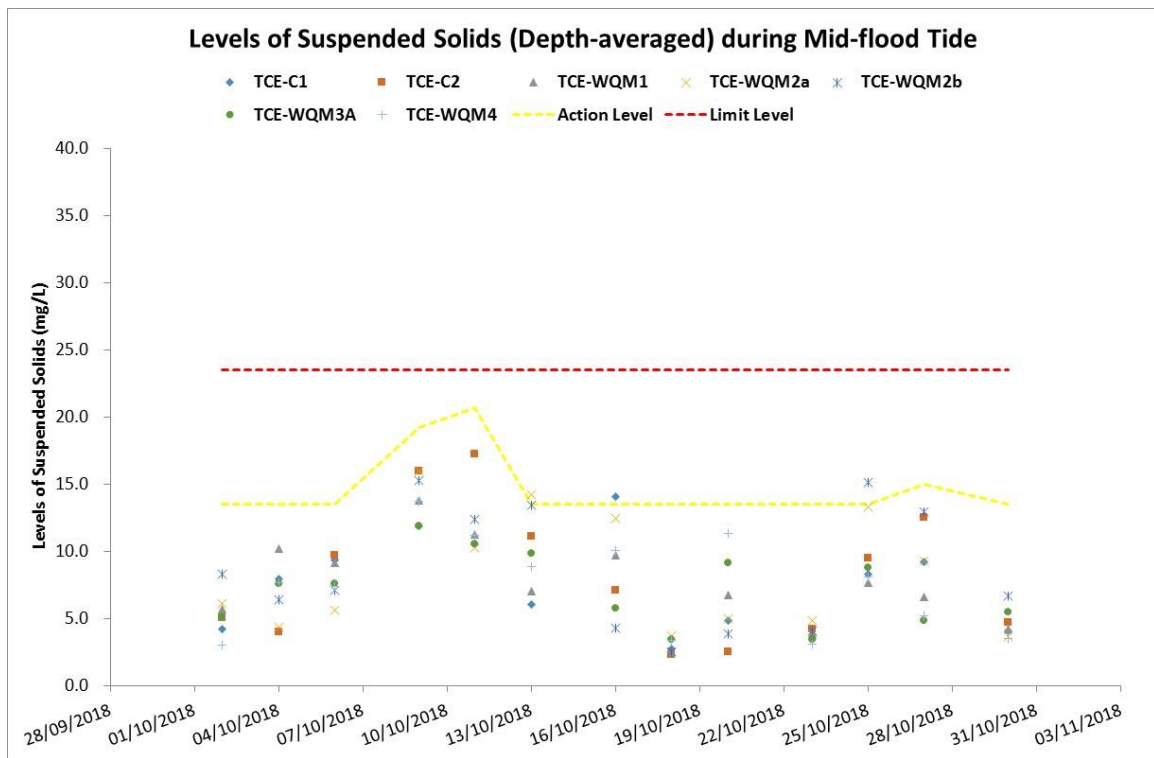


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 October 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02_Deliverable\10 Monthly EM&A Report\
 Date: October 2018

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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)		
02-10-2018	Mid-Ebb	TCE-C1	Fine	Moderate	18:22	8.4	Surface	1.0	1	28.4	8.1	20.1	6.0	86.1	3.0	2.4	5.9	5.6	6.0		
									2	28.4	8.1	20.1	6.0	86.2	3.0	2.3					
							Middle	4.2	1	27.6	8.1	22.5	5.7	82.6	5.3	3.8					
									2	27.6	8.1	22.5	5.7	82.6	5.2	3.8					
							Bottom	7.4	1	27.7	8.1	25.7	5.6	82.7	8.5	6.8					
									2	27.7	8.1	25.7	5.6	82.7	8.6	16.6					
		TCE-C2	Cloudy	Moderate	18:05	12.9	Surface	1.0	1	27.4	8.2	29.4	4.9	72.3	5.9	7.3	4.9	7.6	6.5		
									2	27.4	8.2	29.4	4.9	72.2	5.9	7.2					
							Middle	6.5	1	27.3	8.2	29.9	4.9	73.3	8.6	5.4					
									2	27.3	8.2	29.9	4.9	73.1	8.7	6.1					
							Bottom	11.9	1	27.3	8.2	29.9	5.1	75.9	8.2	6.5					
									2	27.3	8.2	30.0	5.1	75.3	8.4	6.2					
		TCE-WQM1	Cloudy	Calm	16:53	8.4	Surface	1.0	1	27.9	8.2	26.9	5.7	85.0	5.2	4.4	5.6	7.5	4.5		
									2	27.9	8.2	26.9	5.7	85.0	5.1	4.0					
							Middle	4.2	1	27.6	8.2	27.0	5.4	80.1	8.3	4.9					
									2	27.6	8.2	27.0	5.4	80.1	8.1	4.0					
							Bottom	7.4	1	27.6	8.2	27.1	5.5	81.0	9.1	5.0					
									2	27.6	8.2	27.1	5.5	80.8	9.3	4.5					
		TCE-WQM2a	Cloudy	Moderate	17:29	7.8	Surface	1.0	1	27.6	8.2	27.1	5.5	81.7	4.0	3.6	5.4	4.0	4.0		
									2	27.6	8.2	27.1	5.5	81.7	4.1	3.7					
							Middle	3.9	1	27.6	8.2	27.9	5.2	77.4	3.5	5.4					
									2	27.6	8.2	27.9	5.2	77.5	3.5	4.0					
							Bottom	6.8	1	27.5	8.2	28.0	5.3	77.9	4.5	3.8					
									2	27.5	8.2	28.0	5.3	77.8	4.4	3.4					
	TCE-WQM2b	Cloudy	Moderate	17:42	10.8	Surface	1.0	1	27.9	8.2	27.0	5.6	83.3	3.6	3.8	5.2	6.2	4.3			
								2	27.9	8.2	27.0	5.6	83.6	3.5	4.6						
						Middle	5.4	1	27.5	8.2	28.6	4.8	71.7	6.6	3.9						
								2	27.5	8.2	28.4	4.9	72.3	6.5	4.3						
						Bottom	9.8	1	27.4	8.2	29.1	4.8	72.0	8.3	4.7						
								2	27.4	8.2	29.1	4.8	71.8	8.5	4.4						
	TCE-WQM3A	Cloudy	Calm	17:17	4.5	Surface	1.0	1	27.8	8.2	26.7	5.7	84.7	7.2	5.1	5.8	8.9	4.2			
								2	27.9	8.2	26.7	5.8	85.0	6.7	4.8						
						Bottom	3.5	1	27.7	8.2	26.9	5.3	78.7	10.8	3.4						
								2	27.7	8.2	26.9	5.3	78.7	10.9	3.3						
						Surface	1.0	1	27.9	8.2	26.8	5.7	84.1	7.5	2.8				5.7	7.7	4.1
								2	27.9	8.2	26.8	5.7	84.4	6.9	2.8						
	Bottom	2.4	1	27.8	8.2	26.9	5.6	82.9	8.3	5.2											
			2	27.8	8.2	26.9	5.6	82.9	8.2	5.4											
	Surface	1.0	1	27.5	8.2	25.7	5.9	86.5	7.4	2.6	5.9	12.7	4.2								
			2	27.5	8.2	25.7	5.9	86.5	7.4	2.6											
	Middle	4.4	1	27.4	8.2	27.3	5.8	84.9	12.9	4.2											
			2	27.4	8.2	27.3	5.8	84.9	12.9	5.0											
	Bottom	7.7	1	27.4	8.2	28.7	5.7	85.1	17.6	5.3											
			2	27.4	8.2	28.7	5.7	85.1	17.7	5.3											
	TCE-C2	Fine	Moderate	12:40	12.3	Surface	1.0	1	27.5	8.1	27.5	5.3	77.8	3.3	9.2	5.1	7.8	5.0			
								2	27.5	8.1	27.5	5.3	77.9	3.3	7.5						
						Middle	6.2	1	27.4	8.1	28.7	4.9	72.1	9.6	2.5						
								2	27.4	8.1	28.7	4.9	72.0	9.5	3.7						
Bottom						11.3	1	27.4	8.1	28.9	4.9	73.1	10.5	3.3							
							2	27.4	8.1	29.0	4.9	72.6	10.6	4.0							
TCE-WQM1	Fine	Calm	13:49	8.7	Surface	1.0	1	27.8	8.2	26.8	5.6	83.0	6.5	6.5	5.6	7.3	5.7				
							2	27.8	8.2	26.8	5.6	83.2	6.5	6.9							
					Middle	4.4	1	27.6	8.2	27.0	5.6	82.8	6.8	6.0							
							2	27.7	8.2	26.9	5.6	82.8	6.5	5.6							
					Bottom	7.7	1	27.6	8.2	27.0	5.6	83.3	8.6	4.0							
							2	27.6	8.2	27.0	5.6	83.0	8.7	4.9							
TCE-WQM2a	Fine	Calm	13:15	7.0	Surface	1.0	1	27.7	8.2	26.5	5.8	85.5	3.0	3.4	5.7	5.5	6.1				
							2	27.7	8.2	26.6	5.8	85.5	3.1	3.8							
					Middle	3.5	1	27.4	8.2	26.9	5.5	81.2	5.4	6.4							
							2	27.4	8.2	26.9	5.5	81.2	5.5	5.7							
					Bottom	6.0	1	27.5	8.2	27.0	5.5	80.7	8.0	7.9							
							2	27.5	8.2	27.0	5.5	80.6	7.7	9.4							
TCE-WQM2b	Fine	Calm	13:03	11.3	Surface	1.0	1	27.6	8.2	27.1	5.5	81.3	8.0	7.1	5.5	10.7	8.3				
							2	27.6	8.2	27.1	5.5	81.3	8.0	8.0							
					Middle	5.7	1	27.5	8.2	27.2	5.4	80.2	11.5	9.2							
							2	27.5	8.2	27.1	5.5	80.3	11.2	9.1							
					Bottom	10.3	1	27.5	8.2	27.2	5.5	80.3	12.5	8.1							
							2	27.5	8.2	27.2	5.4	80.2	13.0	8.1							
TCE-WQM3A	Fine	Calm	13:28	4.1	Surface	1.0	1	27.9	8.2	26.6	5.7	84.7	4.1	5.8	5.7	6.8	5.1				
							2	27.9	8.2	26.6	5.7	84.7	4.1	4.9							
					Bottom	3.1	1	27.7	8.2	26.8	5.7	83.6	9.5	5.0							
							2	27.7	8.2	26.8	5.7	83.3	9.3	4.7							
					Surface	1.0	1	28.0	8.2	26.9	5.6	83.6	4.1	3.5				5.7	5.6	3.0	
							2	28.0	8.2	26.9	5.7	84.0	3.6	3.3							
Bottom	3.1	1	27.7	8.2	27.0	5.7	84.1	7.3	2.4												
		2	27.7	8.2	27.0	5.7	83.9	7.3	2.7												

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)		
04-10-2018	Mid-Ebb	TCE-C1	Sunny	Moderate	8:15	8.9	Surface	1.0	1	27.3	8.2	23.2	6.1	87.7	4.2	7.3	5.9	12.2	9.0		
									2	27.3	8.2	23.2	6.1	87.7	4.2	7.5					
							Middle	4.5	1	27.5	8.2	27.5	5.6	83.1	14.0	9.3					
									2	27.5	8.2	27.5	5.6	83.1	14.0	9.4					
							Bottom	7.9	1	27.5	8.2	27.7	5.8	85.6	18.4	9.8					
									2	27.5	8.2	27.7	5.8	85.6	18.4	10.4					
		TCE-C2	Sunny	Moderate	8:17	12.8	Surface	1.0	1	27.3	8.1	25.9	5.7	83.5	1.9	2.3	5.7	2.6	3.0		
									2	27.3	8.1	25.9	5.7	83.5	1.9	2.2					
							Middle	6.4	1	27.3	8.1	26.5	5.6	82.1	2.6	2.7					
									2	27.3	8.1	26.5	5.6	82.2	2.6	3.1					
							Bottom	11.8	1	27.4	8.1	28.9	5.2	76.5	3.2	3.9					
									2	27.4	8.1	28.9	5.1	76.2	3.2	3.5					
		TCE-WQM1	Sunny	Calm	9:39	9.3	Surface	1.0	1	27.5	8.1	27.5	5.7	84.0	3.0	3.9	5.7	3.6	5.6		
									2	27.5	8.1	27.5	5.7	83.9	2.9	3.8					
							Middle	4.7	1	27.4	8.1	27.7	5.7	83.3	3.0	5.0					
									2	27.4	8.1	27.7	5.7	83.3	3.0	5.0					
							Bottom	8.3	1	27.4	8.1	27.9	5.7	84.1	4.8	8.0					
									2	27.4	8.1	28.0	5.7	83.9	4.9	7.6					
		TCE-WQM2a	Sunny	Moderate	9:03	6.3	Surface	1.0	1	27.1	8.0	26.5	5.9	85.5	2.5	4.8	5.6	6.1	6.0		
									2	27.1	8.0	26.5	5.9	85.6	2.5	4.5					
							Middle	3.2	1	27.5	8.0	27.3	5.3	78.8	6.9	6.4					
									2	27.5	8.0	27.3	5.3	78.7	6.1	6.0					
							Bottom	5.3	1	27.5	8.0	27.8	5.0	74.4	9.5	7.2					
									2	27.5	8.0	27.8	5.0	74.2	9.1	7.5					
	TCE-WQM2b	Sunny	Moderate	8:50	11.2	Surface	1.0	1	27.2	8.0	25.6	5.9	85.8	1.2	2.6	5.7	5.8	3.2			
								2	27.2	8.0	25.6	5.9	85.8	1.2	2.6						
						Middle	5.6	1	27.5	8.0	26.7	5.5	80.8	6.8	2.7						
								2	27.5	8.0	26.7	5.5	80.7	7.0	3.0						
						Bottom	10.2	1	27.5	8.0	26.9	5.4	79.3	9.4	4.0						
								2	27.5	8.0	27.0	5.4	79.3	9.4	4.3						
	TCE-WQM3A	Sunny	Calm	9:15	4.0	Surface	1.0	1	27.6	7.9	26.2	5.4	78.7	8.9	5.3	5.4	9.4	6.3			
								2	27.6	7.9	26.2	5.4	78.7	8.6	5.4						
						Bottom	3.0	1	27.6	8.0	26.6	5.4	78.8	10.0	7.4						
								2	27.6	8.0	26.6	5.4	78.7	10.0	7.1						
						Surface	1.0	1	27.6	7.9	26.9	5.4	80.2	6.5	3.0				5.4	7.6	3.4
								2	27.6	7.9	26.9	5.4	80.2	6.3	3.0						
	Bottom	2.2	1	27.7	7.9	27.1	5.4	79.9	8.7	3.6											
			2	27.7	7.9	27.1	5.4	79.8	8.7	4.0											
	Surface	1.0	1	27.9	8.2	26.1	5.9	86.8	11.7	6.7	5.9	18.6	7.9								
			2	27.9	8.2	26.1	5.9	86.8	11.7	7.0											
	Middle	4.3	1	27.8	8.2	26.1	5.9	86.2	18.3	7.9											
			2	27.8	8.2	26.1	5.9	86.2	18.3	7.7											
	Bottom	7.5	1	27.8	8.2	26.1	5.9	86.6	25.8	9.0											
			2	27.8	8.2	26.1	5.9	86.6	25.8	9.1											
	TCE-C2	Sunny	Moderate	15:46	12.8	Surface	1.0	1	27.6	8.0	27.3	5.4	80.3	2.4	2.8	5.2	6.6	4.0			
								2	27.6	8.0	27.3	5.5	80.5	2.3	3.0						
						Middle	6.4	1	27.4	8.0	29.6	4.9	73.6	8.6	4.2						
								2	27.4	8.0	29.6	4.9	73.5	8.4	4.5						
						Bottom	11.8	1	27.5	8.0	29.7	5.1	76.5	9.0	4.6						
								2	27.5	8.0	29.7	5.1	76.0	9.0	4.9						
	TCE-WQM1	Sunny	Calm	14:32	6.9	Surface	1.0	1	28.1	8.4	26.9	6.0	88.7	6.7	8.4	5.9	8.8	10.2			
								2	28.1	8.4	26.9	6.0	88.7	6.6	8.8						
						Middle	3.5	1	28.1	8.4	27.2	5.8	85.6	8.4	9.8						
								2	28.1	8.4	27.2	5.8	85.7	8.2	9.6						
						Bottom	5.9	1	28.0	8.4	27.3	5.8	86.3	11.6	12.2						
								2	28.0	8.4	27.3	5.8	86.1	11.5	12.4						
	TCE-WQM2a	Sunny	Moderate	15:05	7.7	Surface	1.0	1	27.7	8.0	26.6	6.0	88.8	2.5	4.1	5.9	4.5	4.4			
								2	27.7	8.0	26.6	6.0	88.8	2.5	3.7						
						Middle	3.9	1	27.5	8.0	26.7	5.8	84.7	3.2	4.0						
								2	27.5	8.0	26.7	5.8	84.7	3.2	4.3						
						Bottom	6.7	1	27.6	8.0	27.0	5.7	83.7	7.8	4.9						
								2	27.6	8.0	27.0	5.7	83.6	7.6	5.2						
	TCE-WQM2b	Sunny	Moderate	15:17	9.5	Surface	1.0	1	27.8	8.0	26.9	5.9	86.8	2.8	4.6	5.8	4.8	6.4			
								2	27.8	8.0	26.9	5.9	86.8	2.8	4.6						
						Middle	4.8	1	27.6	8.0	27.1	5.7	83.4	5.3	5.9						
								2	27.6	8.0	27.1	5.7	83.4	5.3	6.3						
						Bottom	8.5	1	27.6	8.0	27.2	5.6	83.2	6.3	8.5						
								2	27.6	8.0	27.3	5.6	83.0	6.4	8.4						
	TCE-WQM3A	Sunny	Calm	14:53	3.8	Surface	1.0	1	27.9	8.1	26.5	6.2	92.2	4.1	7.5	6.2	5.6	7.6			
								2	27.9	8.1	26.5	6.2	92.2	4.1	7.3						
						Bottom	2.8	1	27.9	8.1	26.7	6.1	89.9	7.1	7.7						
								2	27.9	8.1	26.7	6.1	89.9	7.0	7.9						
						Surface	1.0	1	27.9	8.2	26.8	6.1	90.6	6.5	6.6				6.1	7.9	7.7
								2	27.9	8.2	26.8	6.1	90.5	6.6	6.5						
	Bottom	2.1	1	27.8	8.1	27.1	5.9	87.4	9.5	8.7											
			2	27.8	8.1	27.1	5.9	87.4	9.1	8.9											

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged				
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)		
06-10-2018	Mid-Ebb	TCE-C1	Sunny	Moderate	9:24	8.4	Surface	1	1	27.5	8.1	24.1	5.9	85.7	13.4	10.3	5.9	12.6	11.4		
								2	27.5	8.1	24.1	5.9	85.7	13.4	10.3						
							Middle	4.2	1	27.5	8.1	24.3	5.9	85.6	13.1	10.9					
								2	27.5	8.1	24.3	5.9	85.6	13.1	11.3						
							Bottom	7.4	1	27.4	8.2	25.0	6.0	86.8	11.2	12.7					
								2	27.4	8.2	25.0	6.0	86.8	11.2	13.2						
		TCE-C2	Sunny	Moderate	10:19	12.2	Surface	1	1	26.7	8.6	28.1	6.0	87.5	2.0	2.9	5.9	4.1	3.1		
								2	26.7	8.6	28.1	6.0	87.6	2.0	2.6						
							Middle	6.1	1	26.8	8.7	28.1	5.8	85.4	2.8	3.0					
								2	26.8	8.7	28.1	5.8	85.5	2.5	3.3						
							Bottom	11.2	1	27.3	8.7	30.6	5.3	78.5	7.6	3.4					
								2	27.3	8.7	30.6	5.2	78.2	7.9	3.3						
		TCE-WQM1	Sunny	Moderate	11:41	8.9	Surface	1	1	27.1	8.1	27.7	6.1	89.2	3.7	6.0	6.0	8.3	6.9		
								2	27.1	8.1	27.7	6.1	89.3	3.7	6.2						
							Middle	4.45	1	26.9	8.1	28.3	5.8	85.1	10.0	6.7					
								2	26.9	8.1	28.2	5.8	85.3	9.8	6.6						
							Bottom	7.9	1	26.9	8.1	28.5	5.8	85.1	11.1	7.7					
								2	26.9	8.1	28.5	5.8	85.0	11.3	8.1						
		TCE-WQM2a	Sunny	Moderate	11:02	7	Surface	1	1	27.3	8.1	28.1	5.6	82.1	4.6	4.7	5.5	5.2	5.8		
								2	27.3	8.1	28.1	5.6	82.2	4.5	5.0						
							Middle	3.5	1	27.2	8.1	28.8	5.4	79.2	4.5	5.5					
								2	27.2	8.1	28.7	5.4	79.6	4.5	5.8						
							Bottom	6	1	27.3	8.1	29.9	5.2	76.9	6.9	7.0					
								2	27.3	8.1	29.9	5.2	76.9	6.3	6.8						
	TCE-WQM2b	Sunny	Moderate	10:48	11.2	Surface	1	1	27.1	8.1	27.6	6.0	87.4	3.3	5.1	5.9	8.3	6.0			
							2	27.1	8.1	27.6	6.0	87.5	3.3	4.7							
						Middle	5.6	1	27.1	8.1	28.2	5.7	83.1	9.9	5.7						
							2	27.1	8.1	28.1	5.7	83.3	9.1	5.9							
						Bottom	10.2	1	27.1	8.1	28.3	5.7	84.2	12.0	7.1						
							2	27.1	8.1	28.3	5.7	84.1	12.3	7.3							
	TCE-WQM3A	Sunny	Moderate	11:16	4	Surface	1	1	27.2	8.1	26.5	6.0	87.1	5.8	6.8	6.0	5.8	8.7			
							2	27.2	8.1	26.5	6.0	87.1	5.7	6.7							
						Bottom	3	1	27.2	8.1	26.8	6.0	87.8	5.8	10.7						
							2	27.2	8.1	26.8	6.0	87.7	5.7	10.5							
						Surface	1	1	27.3	8.0	27.1	6.1	89.9	9.1	7.8				6.1	11.8	10.7
							2	27.3	8.0	27.1	6.1	90.0	8.6	7.9							
	Bottom	2.5	1	27.2	8.0	27.3	5.7	84.1	14.9	13.4											
		2	27.2	8.0	27.3	5.7	84.0	14.4	13.8												
	Surface	1	1	27.9	8.2	26.1	5.9	86.8	11.7	7.6	5.9	18.6	9.3								
		2	27.9	8.2	26.1	5.9	86.8	11.7	8.3												
	Middle	4.1	1	27.8	8.2	26.1	5.9	86.2	18.3	8.7											
		2	27.8	8.2	26.1	5.9	86.2	18.3	9.0												
	Bottom	7.2	1	27.8	8.2	26.1	5.9	86.6	25.8	11.4											
		2	27.8	8.2	26.1	5.9	86.6	25.8	11.0												
	TCE-C2	Sunny	Moderate	17:21	12	Surface	1	1	27.2	8.1	28.5	5.7	84.6	8.4	6.7	5.5	10.9	9.7			
							2	27.2	8.1	28.5	5.7	84.6	8.3	7.0							
						Middle	6	1	27.2	8.1	29.5	5.2	77.7	12.8	9.7						
							2	27.2	8.1	29.5	5.2	77.7	12.7	10.4							
						Bottom	11	1	27.2	8.1	29.5	5.3	78.6	11.4	12.0						
							2	27.2	8.1	29.5	5.3	78.5	12.0	12.4							
	TCE-WQM1	Sunny	Moderate	16:03	8.2	Surface	1	1	27.5	8.3	27.5	6.4	94.2	7.0	5.7	6.2	13.0	9.2			
							2	27.5	8.3	27.5	6.4	94.4	7.1	5.9							
						Middle	4.1	1	27.3	8.3	27.7	6.0	88.4	7.2	8.2						
							2	27.3	8.3	27.7	6.0	88.5	8.1	8.3							
						Bottom	7.2	1	27.3	8.3	27.7	6.0	88.6	24.2	13.4						
							2	27.3	8.3	27.7	6.0	88.6	24.2	13.4							
	TCE-WQM2a	Sunny	Moderate	16:42	6.5	Surface	1	1	27.6	8.1	27.5	6.3	93.6	4.7	4.6	6.2	8.8	5.6			
							2	27.6	8.1	27.5	6.4	93.8	4.6	4.9							
						Middle	3.25	1	27.3	8.1	28.1	6.1	90.0	9.1	5.4						
							2	27.3	8.1	28.1	6.1	90.1	8.4	5.2							
						Bottom	5.5	1	27.2	8.1	28.5	5.6	82.5	13.1	6.9						
							2	27.2	8.1	28.5	5.6	82.6	12.6	6.8							
	TCE-WQM2b	Sunny	Moderate	16:54	10.2	Surface	1	1	27.2	8.1	28.0	6.0	88.7	6.3	6.3	6.0	11.3	7.1			
							2	27.2	8.1	28.0	6.0	88.9	6.0	5.9							
						Middle	5.1	1	27.2	8.1	28.3	5.9	87.4	14.3	7.3						
							2	27.2	8.1	28.3	5.9	87.3	14.1	7.3							
						Bottom	9.2	1	27.2	8.1	28.3	6.0	88.7	13.4	7.8						
							2	27.2	8.1	28.3	6.0	88.5	13.7	7.9							
	TCE-WQM3A	Sunny	Moderate	16:30	3.3	Surface	1	1	27.3	8.1	27.2	6.3	92.1	10.2	6.2	6.3	12.7	7.6			
							2	27.2	8.1	27.2	6.3	91.8	10.4	6.4							
						Bottom	2.3	1	27.2	8.2	27.2	6.1	90.0	14.9	9.1						
							2	27.2	8.2	27.2	6.1	90.0	15.3	8.6							
						Surface	1	1	27.5	8.2	27.8	6.1	90.0	4.5	7.4				6.1	4.5	7.4
							2	27.5	8.2	27.7	6.1	90.2	4.4	7.3							

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged				
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)		
09-10-2018	Mid-Ebb	TCE-C1	Cloudy	Moderate	12:31	8.6	Surface	1.0	1	27.3	8.2	27.7	6.5	95.2	8.7	9.8	6.5	12.2	11.3		
									2	27.3	8.2	27.7	6.5	95.2	8.8	10.1					
							Middle	4.3	1	27.2	8.2	28.8	6.4	94.8	13.1	10.6					
									2	27.2	8.2	28.8	6.4	94.8	13.0	10.7					
							Bottom	7.6	1	27.2	8.2	29.1	6.4	94.6	14.8	13.1					
									2	27.2	8.2	29.1	6.4	94.6	14.8	13.3					
		TCE-C2	Cloudy	Moderate	12:35	12.1	Surface	1.0	1	27.5	7.7	28.8	5.8	85.7	6.4	8.6	5.6	8.5	11.8		
									2	27.5	7.7	28.8	5.8	85.8	6.4	9.4					
							Middle	6.1	1	27.3	7.7	29.4	5.4	80.9	7.3	11.4					
									2	27.3	7.7	29.4	5.4	80.9	7.0	11.2					
							Bottom	11.1	1	27.3	7.7	29.5	5.5	82.1	11.8	14.8					
									2	27.3	7.7	29.6	5.5	81.8	12.0	15.1					
		TCE-WQM1	Cloudy	Moderate	11:23	8.2	Surface	1.0	1	27.2	8.1	29.3	5.8	86.7	17.7	21.1	5.8	17.9	22.4		
									2	27.2	8.1	29.3	5.8	86.7	17.6	21.4					
							Middle	4.1	1	27.2	8.1	29.3	5.8	86.7	17.1	22.0					
									2	27.2	8.1	29.3	5.8	86.7	17.3	22.4					
							Bottom	7.2	1	27.2	8.1	29.3	5.9	86.9	18.8	24.1					
									2	27.2	8.1	29.3	5.9	86.9	19.0	23.6					
		TCE-WQM2a	Cloudy	Moderate	11:58	7.1	Surface	1.0	1	27.5	7.8	28.6	5.8	85.9	9.9	13.3	5.7	12.2	15.0		
									2	27.5	7.8	28.6	5.8	86.0	10.0	13.2					
							Middle	3.6	1	27.4	7.8	28.7	5.6	83.6	12.4	14.2					
									2	27.4	7.8	28.7	5.7	83.7	12.3	14.6					
							Bottom	6.1	1	27.4	7.7	28.8	5.6	82.8	14.6	17.4					
									2	27.4	7.7	28.8	5.6	82.9	14.2	17.3					
	TCE-WQM2b	Cloudy	Moderate	12:13	9.7	Surface	1.0	1	27.9	7.8	28.0	5.9	88.4	6.5	12.0	5.8	11.0	12.9			
								2	27.9	7.8	28.0	5.9	88.4	6.5	12.0						
						Middle	4.9	1	27.4	7.8	28.8	5.6	83.6	10.1	12.8						
								2	27.4	7.8	28.7	5.7	83.8	9.2	13.2						
						Bottom	8.7	1	27.4	7.7	29.2	5.7	84.2	16.6	13.6						
								2	27.3	7.7	29.3	5.7	84.0	17.2	14.0						
	TCE-WQM3A	Cloudy	Moderate	11:45	5.0	Surface	1.0	1	27.4	7.8	28.5	5.8	85.3	7.1	9.3	5.8	7.1	9.9			
								2	27.4	7.8	28.5	5.8	85.3	7.1	9.7						
						Bottom	4.0	1	27.3	7.8	28.5	5.8	86.2	7.0	10.0						
								2	27.3	7.8	28.5	5.8	86.1	7.1	10.4						
						Surface	1.0	1	27.4	7.8	28.7	5.8	85.4	8.3	8.0				5.8	11.4	8.7
								2	27.4	7.8	28.7	5.8	85.8	8.1	8.0						
	Bottom	3.3	1	27.3	7.8	28.7	5.7	83.7	14.9	9.4											
			2	27.3	7.8	28.7	5.6	83.3	14.3	9.2											
	Surface	1.0	1	27.2	8.2	28.8	6.5	95.9	21.9	9.0	6.5	17.5	11.9								
			2	27.2	8.2	28.8	6.5	95.8	22.0	9.4											
	Middle	4.6	1	27.2	8.2	29.2	6.5	95.9	13.9	12.5											
			2	27.2	8.2	29.2	6.5	95.9	13.9	12.8											
	Bottom	8.1	1	27.2	8.2	29.5	6.4	95.5	16.7	14.0											
			2	27.2	8.2	29.5	6.4	95.5	16.8	13.5											
	TCE-C2	Cloudy	Moderate	6:54	12.6	Surface	1.0	1	27.3	8.2	29.6	5.5	81.1	10.2	15.3	5.5	10.9	16.0			
								2	27.3	8.2	29.6	5.5	81.2	9.8	15.1						
						Middle	6.3	1	27.3	8.2	29.6	5.4	81.0	11.6	15.5						
								2	27.3	8.2	29.6	5.4	81.0	11.6	15.8						
Bottom						11.6	1	27.3	8.2	29.7	5.5	81.6	11.2	16.9							
							2	27.3	8.2	29.7	5.5	81.4	11.2	17.3							
TCE-WQM1	Cloudy	Moderate	8:06	8.6	Surface	1.0	1	27.2	8.0	28.8	5.8	85.7	7.3	12.3	5.8	8.0	13.8				
							2	27.2	8.0	28.8	5.8	85.7	7.3	12.5							
					Middle	4.3	1	27.2	8.0	28.8	5.8	85.6	7.9	13.0							
							2	27.2	8.0	28.8	5.8	85.5	7.7	13.4							
					Bottom	7.6	1	27.2	8.0	28.8	5.8	85.3	9.0	15.6							
							2	27.2	8.0	28.8	5.8	85.4	8.6	15.8							
TCE-WQM2a	Cloudy	Moderate	7:31	6.7	Surface	1.0	1	27.3	8.1	28.5	5.8	85.1	10.8	15.2	5.8	13.2	15.9				
							2	27.3	8.1	28.5	5.8	85.2	10.3	14.9							
					Middle	3.4	1	27.3	8.1	28.6	5.7	84.7	14.3	15.7							
							2	27.3	8.1	28.6	5.7	84.7	14.2	16.0							
					Bottom	5.7	1	27.3	8.1	28.6	5.8	85.8	14.7	17.1							
							2	27.3	8.1	28.6	5.8	85.6	14.8	16.7							
TCE-WQM2b	Cloudy	Moderate	7:18	10.5	Surface	1.0	1	27.3	8.1	28.7	5.7	84.2	13.0	13.6	5.7	14.2	15.3				
							2	27.3	8.1	28.7	5.7	84.3	13.0	13.1							
					Middle	5.3	1	27.3	8.1	28.7	5.7	84.1	15.3	15.3							
							2	27.3	8.1	28.7	5.7	84.1	15.3	15.1							
					Bottom	9.5	1	27.3	8.1	28.7	5.7	84.4	14.2	17.1							
							2	27.3	8.1	28.7	5.7	84.3	14.4	17.5							
TCE-WQM3A	Cloudy	Moderate	7:43	3.8	Surface	1.0	1	27.3	8.1	28.7	5.7	83.7	8.3	10.5	5.7	10.7	11.9				
							2	27.3	8.1	28.7	5.7	83.7	7.9	10.5							
					Bottom	2.8	1	27.2	8.1	28.8	5.7	84.7	13.4	13.0							
							2	27.2	8.1	28.8	5.7	84.6	13.3	13.5							
					Surface	1.0	1	27.3	8.0	28.6	5.8	85.5	14.2	12.1				5.8	12.2	13.7	
							2	27.3	8.0	28.6	5.8	85.4	14.6	11.8							
Bottom	2.3	1	27.2	8.1	28.6	5.9	86.5	9.6	15.7												
		2	27.2	8.1	28.6	5.9	86.3	10.5	15.1												

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)		
11-10-2018	Mid-Ebb	TCE-C1	Cloudy	Moderate	13:51	7.6	Surface	1.0	1	26.8	8.2	28.2	6.4	93.1	12.5	9.9	6.4	13.4	10.5		
									2	26.8	8.2	28.2	6.4	93.2	12.4	12.3					
							Middle	3.8	1	26.9	8.2	28.6	6.3	92.0	13.5	9.9					
									2	26.9	8.2	28.6	6.3	92.0	13.4	10.9					
							Bottom	6.6	1	26.9	8.1	29.1	6.2	90.9	14.4	10.0					
									2	26.9	8.1	29.1	6.2	90.9	14.4	9.9					
		TCE-C2	Cloudy	Moderate	13:49	14.7	Surface	1.0	1	27.0	7.9	28.5	5.7	84.3	5.6	8.1	5.5	7.6	8.6		
									2	27.0	7.9	28.5	5.7	84.3	5.6	7.3					
							Middle	7.4	1	27.2	7.8	29.8	5.3	78.7	7.8	7.8					
									2	27.2	7.8	29.8	5.3	78.7	7.7	7.7					
							Bottom	13.7	1	27.1	7.8	30.7	5.2	78.0	9.4	11.1					
									2	27.1	7.8	30.7	5.2	78.0	9.3	9.4					
		TCE-WQM1	Cloudy	Moderate	12:40	8.3	Surface	1.0	1	26.7	8.1	28.6	5.6	82.3	10.5	11.1	5.6	11.3	13.3		
									2	26.7	8.1	28.6	5.6	82.3	10.5	10.9					
							Middle	4.2	1	26.7	8.1	28.6	5.6	82.0	11.4	12.2					
									2	26.7	8.1	28.6	5.6	82.0	11.4	13.0					
							Bottom	7.3	1	26.7	8.1	28.6	5.6	81.8	11.9	16.6					
									2	26.7	8.1	28.6	5.6	81.8	11.9	15.8					
		TCE-WQM2a	Cloudy	Moderate	13:14	7.0	Surface	1.0	1	27.1	7.9	28.6	5.6	82.9	6.0	9.0	5.6	7.3	9.1		
									2	27.1	7.9	28.6	5.6	82.9	6.0	8.7					
							Middle	3.5	1	27.1	7.9	28.6	5.5	81.3	6.7	9.4					
									2	27.1	7.9	28.6	5.5	81.2	6.7	7.7					
							Bottom	6.0	1	27.2	7.8	29.2	5.3	78.3	9.3	10.6					
									2	27.2	7.8	29.2	5.3	78.3	9.1	9.4					
	TCE-WQM2b	Cloudy	Moderate	13:26	8.6	Surface	1.0	1	27.0	7.9	28.1	5.8	84.9	8.1	9.6	5.8	8.0	9.7			
								2	27.0	7.9	28.1	5.8	84.9	8.1	10.9						
						Middle	4.3	1	27.0	7.9	28.5	5.7	83.4	6.6	10.3						
								2	27.0	7.9	28.5	5.7	83.3	6.6	9.0						
						Bottom	7.6	1	27.2	7.8	29.2	5.3	79.1	9.4	10.1						
								2	27.2	7.8	29.2	5.3	79.2	9.4	8.4						
	TCE-WQM3A	Cloudy	Moderate	13:02	4.7	Surface	1.0	1	26.9	7.9	28.2	5.7	83.6	8.0	8.5	5.7	8.3	9.4			
								2	26.9	7.9	28.2	5.7	83.6	8.0	8.9						
						Bottom	3.7	1	26.8	7.9	28.1	5.7	83.2	8.6	10.4						
								2	26.8	7.9	28.1	5.7	83.1	8.6	9.8						
						Surface	1.0	1	26.9	7.9	28.3	5.7	83.8	7.4	8.9				5.7	9.9	12.3
								2	26.9	7.9	28.3	5.7	83.8	7.5	10.7						
	Bottom	3.4	1	26.7	7.9	28.4	5.6	81.8	12.3	13.8											
			2	26.7	7.9	28.4	5.6	81.8	12.5	15.7											
	Surface	1.0	1	26.7	8.2	27.2	6.2	90.9	10.6	10.7	6.2	15.2	10.6								
			2	26.7	8.2	27.2	6.2	90.9	10.6	10.8											
	Middle	4.2	1	26.9	8.2	28.5	6.1	90.2	16.2	9.8											
			2	26.9	8.2	28.5	6.1	90.2	16.2	9.6											
	Bottom	7.4	1	27.0	8.1	29.0	6.0	88.5	18.7	10.7											
			2	27.0	8.1	29.0	6.0	88.6	18.7	11.7											
	TCE-C2	Cloudy	Moderate	8:35	15.8	Surface	1.0	1	27.1	8.2	29.0	5.5	81.5	13.6	16.2	5.5	14.8	17.2			
								2	27.1	8.2	29.0	5.5	81.6	13.6	17.6						
						Middle	7.9	1	27.1	8.1	29.3	5.4	80.4	17.5	16.9						
								2	27.1	8.1	29.3	5.4	80.4	17.5	17.3						
						Bottom	14.8	1	27.1	8.1	29.6	5.3	79.2	13.3	16.9						
								2	27.1	8.1	29.6	5.3	79.2	13.3	18.4						
	TCE-WQM1	Cloudy	Moderate	9:48	8.3	Surface	1.0	1	26.7	8.0	28.5	5.7	82.8	8.6	13.9	5.7	9.8	11.2			
								2	26.7	8.0	28.5	5.7	82.8	8.5	11.7						
						Middle	4.2	1	26.7	8.0	28.5	5.6	82.1	9.8	10.5						
								2	26.7	8.0	28.5	5.6	82.0	9.9	10.7						
						Bottom	7.3	1	26.6	8.0	28.5	5.6	81.4	10.8	9.3						
								2	26.6	8.0	28.5	5.6	81.3	11.0	11.3						
	TCE-WQM2a	Cloudy	Moderate	9:12	7.0	Surface	1.0	1	26.9	8.0	28.1	5.7	83.9	13.4	13.7	5.7	16.2	10.3			
								2	26.9	8.0	28.1	5.7	83.9	14.2	12.0						
						Middle	3.5	1	26.9	8.0	28.1	5.7	83.7	16.8	9.5						
								2	26.9	8.0	28.1	5.7	83.7	16.8	8.4						
						Bottom	6.0	1	26.9	8.0	28.1	5.7	83.1	18.0	8.9						
								2	26.9	8.0	28.1	5.7	83.1	17.8	9.1						
	TCE-WQM2b	Cloudy	Moderate	8:59	9.4	Surface	1.0	1	27.0	8.1	28.3	5.7	83.8	10.6	14.7	5.7	13.8	12.4			
								2	27.0	8.1	28.3	5.7	83.8	10.4	14.6						
						Middle	4.7	1	27.0	8.0	28.4	5.6	82.6	14.2	12.1						
								2	27.0	8.0	28.4	5.6	82.6	14.2	13.0						
						Bottom	8.4	1	27.0	8.0	28.4	5.6	82.3	16.7	9.3						
								2	27.0	8.0	28.4	5.6	82.3	16.8	10.5						
	TCE-WQM3A	Cloudy	Moderate	9:25	4.2	Surface	1.0	1	26.9	8.0	28.1	5.7	84.1	9.5	10.2	5.7	9.3	10.6			
								2	26.9	8.0	28.1	5.7	84.1	9.4	11.0						
						Bottom	3.2	1	26.8	8.0	28.1	5.6	82.6	9.1	10.8						
								2	26.8	8.0	28.1	5.6	82.5	9.1	10.2						
						Surface	1.0	1	26.9	8.0	28.2	5.7	83.6	10.0	12.2				5.7	11.5	11.2
								2	26.9	8.0	28.2	5.7	83.5	10.0	11.0						
	Bottom	2.9	1	26.9	8.0	28.3	5.6	82.5	13.0	10.2											
			2	26.9	8.0	28.3	5.6	82.5	13.0	11.2											

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
13-10-2018	Mid-Ebb	TCE-C1	Cloudy	Moderate	14:48	8.8	Surface	1.0	1	27.9	8.0	23.3	5.2	75.7	6.6	4.9	5.2	8.8	5.3
									2	27.9	8.0	23.3	5.2	75.7	6.1	4.7			
							Middle	4.4	1	27.8	8.0	23.7	5.2	75.4	9.8	3.7			
									2	27.8	8.0	23.7	5.2	75.4	9.5	6.1			
							Bottom	7.8	1	27.8	8.0	23.7	5.2	76.1	10.2	6.6			
									2	27.8	8.0	23.7	5.2	76.1	10.4	5.5			
				1	26.8	7.9	30.5	5.5	81.1	4.6	4.5								
				2	26.8	7.9	30.5	5.5	81.1	4.5	5.2								
		Middle	6.3	1	26.7	7.9	30.6	5.5	80.9	6.1	4.9								
				2	26.7	7.9	30.6	5.5	80.9	6.0	4.9								
		Bottom	11.6	1	26.7	7.9	30.7	5.5	82.1	6.0	3.4								
				2	26.7	7.9	30.7	5.5	81.9	5.9	5.2								
				1	26.3	8.4	29.1	5.9	85.8	7.0	5.4								
				2	26.3	8.4	29.1	5.9	85.8	7.0	5.7								
		Middle	4.6	1	26.2	8.4	29.1	5.8	85.0	8.4	4.5								
				2	26.2	8.4	29.1	5.8	85.1	8.1	5.2								
		Bottom	8.2	1	26.2	8.4	29.1	5.9	85.6	8.6	5.1								
				2	26.2	8.4	29.1	5.9	85.5	8.7	5.6								
				1	26.5	8.0	29.5	6.0	88.6	5.9	3.4								
				2	26.5	8.0	29.5	6.0	88.6	5.9	4.9								
		Middle	3.5	1	26.5	8.0	29.5	6.0	88.5	6.2	5.0								
				2	26.5	8.0	29.5	6.0	88.5	6.2	4.7								
		Bottom	6.0	1	26.5	8.0	29.5	6.0	88.6	6.4	5.4								
				2	26.5	8.0	29.5	6.0	88.5	6.4	5.9								
			1	26.5	8.0	29.5	5.9	86.3	5.7	2.5									
			2	26.5	8.0	29.5	5.9	86.5	5.7	3.3									
	Middle	4.3	1	26.6	8.0	29.8	5.7	83.5	7.2	3.5									
			2	26.6	8.0	29.7	5.7	83.5	7.2	3.5									
	Bottom	7.6	1	26.6	8.0	29.9	5.8	85.4	7.2	4.4									
			2	26.6	8.0	29.9	5.8	85.1	7.3	4.9									
			1	26.6	8.0	29.0	5.9	85.9	8.5	7.7									
			2	26.6	8.0	29.0	5.9	86.0	8.5	6.9									
	Bottom	2.6	1	26.5	8.0	29.2	5.8	85.3	10.5	8.6									
			2	26.5	8.0	29.2	5.8	85.2	10.4	7.9									
			1	26.4	8.1	28.9	5.9	85.8	12.7	11.1									
			2	26.4	8.1	28.9	5.9	85.8	12.8	10.4									
	Bottom	2.2	1	26.4	8.1	28.9	5.9	86.4	13.5	32.9									
			2	26.3	8.1	28.9	5.9	86.1	13.4	30.7									
			1	27.9	8.0	23.0	5.2	74.7	8.4	6.2									
			2	27.9	8.0	23.0	5.2	74.7	8.4	5.2									
	Middle	4.3	1	27.7	8.0	24.6	5.0	72.9	10.2	5.1									
			2	27.7	8.0	24.6	5.0	72.9	10.4	5.6									
	Bottom	7.6	1	27.7	7.9	24.9	5.2	76.5	14.2	7.7									
			2	27.7	7.9	24.9	5.2	76.3	14.3	6.4									
			1	26.5	7.9	29.6	5.6	82.8	10.5	10.2									
			2	26.5	7.9	29.6	5.6	82.9	10.7	9.6									
	Middle	6.4	1	26.6	7.9	30.0	5.6	82.1	11.8	11.9									
			2	26.6	7.9	29.9	5.6	82.2	11.0	12.3									
	Bottom	11.8	1	26.7	7.9	30.1	5.6	82.8	15.4	11.1									
			2	26.7	7.9	30.1	5.6	82.7	15.8	11.5									
			1	26.1	7.9	28.8	5.9	85.3	7.1	5.4									
			2	26.1	7.9	28.8	5.9	85.3	7.1	5.2									
	Middle	4.4	1	26.0	7.9	29.1	5.9	85.6	9.4	8.1									
			2	26.0	7.9	29.0	5.9	85.6	9.2	8.2									
	Bottom	7.8	1	26.1	7.9	29.2	5.9	86.2	12.9	7.7									
			2	26.1	7.9	29.2	5.9	86.1	12.9	7.4									
			1	26.4	7.9	29.4	5.8	85.1	14.6	13.3									
			2	26.4	7.9	29.4	5.8	85.1	14.5	12.4									
	Middle	3.6	1	26.4	7.9	29.4	5.8	85.2	14.6	14.2									
			2	26.4	7.9	29.4	5.8	85.2	14.6	14.2									
	Bottom	6.2	1	26.3	7.9	29.4	5.9	85.9	15.3	16.5									
			2	26.3	7.9	29.4	5.9	85.8	15.2	14.5									
			1	26.3	7.9	29.4	6.0	87.6	11.1	13.1									
			2	26.3	7.9	29.4	6.0	87.6	11.3	13.5									
	Middle	4.5	1	26.3	7.9	29.5	6.0	87.4	13.0	14.9									
			2	26.3	7.9	29.5	6.0	87.4	13.0	15.4									
	Bottom	7.9	1	26.3	7.9	29.5	6.0	87.7	16.8	11.9									
			2	26.3	7.9	29.5	6.0	87.6	16.5	11.7									
			1	26.4	7.9	29.2	5.7	82.9	11.1	10.7									
			2	26.4	7.9	29.2	5.7	82.8	11.0	9.8									
	Bottom	3.5	1	26.4	7.9	29.3	5.7	83.7	11.1	9.7									
			2	26.4	7.9	29.3	5.7	83.6	11.1	9.2									
			1	26.3	7.9	29.0	5.8	84.7	13.5	9.3									
			2	26.3	7.9	29.0	5.8	84.7	13.0	8.7									
	Bottom	2.8	1	26.3	7.9	29.1	5.9	85.8	14.0	8.8									
			2	26.3	7.9	29.1	5.9	85.5	13.7	8.6									

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged				
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)		
16-10-2018	Mid-Ebb	TCE-C1	Rainy	Moderate	7:00	7.2	Surface	1.0	1	26.4	8.1	26.7	6.4	92.0	5.2	12.5	6.4	7.4	10.5		
								2	26.4	8.1	26.7	6.4	92.0	5.2	13.3						
							Middle	3.6	1	26.4	8.1	26.8	6.3	91.0	7.0	9.0					
								2	26.4	8.1	26.8	6.3	91.1	7.0	9.4						
							Bottom	6.2	1	26.4	8.1	27.1	6.3	90.7	10.1	9.8					
								2	26.4	8.1	27.1	6.3	90.7	10.1	9.1						
		TCE-C2	Rainy	Moderate	5:16	12.6	Surface	1.0	1	26.4	7.9	28.3	6.1	89.0	4.6	9.5	6.1	5.2	8.8		
								2	26.4	7.9	28.3	6.1	89.0	4.6	9.4						
							Middle	6.3	1	26.4	7.9	28.3	6.1	88.9	5.2	8.6					
								2	26.4	7.9	28.3	6.1	89.0	5.2	8.8						
							Bottom	11.6	1	26.4	7.9	28.3	6.1	89.0	5.8	7.6					
								2	26.4	7.9	28.3	6.1	88.9	5.6	8.6						
		TCE-WQM1	Rainy	Moderate	6:39	7.3	Surface	1.0	1	26.4	8.0	28.7	6.2	90.9	5.2	10.3	6.2	6.9	8.9		
								2	26.4	8.0	28.7	6.2	90.9	5.2	11.7						
							Middle	3.7	1	26.4	8.0	29.0	6.2	91.1	8.4	7.2					
								2	26.4	8.0	29.0	6.2	91.0	8.1	8.8						
							Bottom	6.3	1	26.4	8.0	29.0	6.3	92.4	7.3	7.4					
								2	26.4	8.0	29.0	6.3	92.3	7.3	8.1						
		TCE-WQM2a	Rainy	Moderate	6:05	6.3	Surface	1.0	1	26.2	8.0	28.1	6.2	90.6	5.1	8.2	6.2	5.7	7.7		
								2	26.2	8.0	28.1	6.3	90.6	5.2	7.2						
							Middle	3.2	1	26.2	8.0	28.6	6.2	90.1	6.3	7.4					
								2	26.2	8.0	28.6	6.2	90.2	5.5	8.7						
							Bottom	5.3	1	26.3	8.0	29.2	6.1	89.7	6.3	8.3					
								2	26.3	8.0	29.2	6.1	89.6	6.0	6.5						
	TCE-WQM2b	Rainy	Moderate	5:52	10.6	Surface	1.0	1	26.5	8.0	27.3	6.2	89.3	4.3	8.8	6.2	5.6	10.8			
							2	26.5	8.0	27.3	6.2	89.2	4.3	9.7							
						Middle	5.3	1	26.4	8.0	27.5	6.2	89.8	5.9	11.4						
							2	26.4	8.0	27.5	6.2	89.8	5.8	11.8							
						Bottom	9.6	1	26.4	8.0	27.6	6.3	91.0	6.5	11.1						
							2	26.4	8.0	27.6	6.3	90.9	6.6	12.2							
	TCE-WQM3A	Rainy	Moderate	6:18	3.4	Surface	1.0	1	26.2	8.0	29.1	6.1	88.3	6.5	11.2	6.1	6.9	10.4			
							2	26.2	8.0	29.0	6.1	88.1	6.5	11.2							
						Bottom	2.4	1	26.2	8.0	29.1	6.1	89.5	7.4	10.2						
							2	26.2	8.0	29.1	6.1	89.4	7.3	9.0							
						Surface	1.0	1	26.3	8.0	29.1	6.2	89.8	8.6	12.6				6.2	9.3	16.3
							2	26.3	8.0	29.1	6.2	89.8	8.4	12.9							
	Bottom	2.1	1	26.3	8.0	29.2	6.2	91.0	10.0	19.6											
		2	26.3	8.0	29.2	6.2	90.8	10.1	20.0												
	Surface	1.0	1	26.3	8.0	27.4	6.3	90.4	2.6	15.8	6.0	6.0	14.0								
		2	26.3	8.0	27.3	6.3	90.5	2.6	14.8												
	Middle	4.3	1	26.5	8.0	29.2	5.7	82.9	6.7	14.7											
		2	26.5	8.0	29.2	5.7	82.9	6.7	14.3												
	Bottom	7.5	1	26.5	8.0	29.7	5.7	83.3	8.6	13.1											
		2	26.5	8.0	29.8	5.7	83.2	8.9	11.5												
	TCE-C2	Rainy	Moderate	17:55	12.8	Surface	1.0	1	26.5	8.0	28.7	6.1	89.4	1.5	5.7	5.9	2.7	7.1			
							2	26.5	8.0	28.7	6.1	89.5	1.5	6.1							
						Middle	6.4	1	26.5	8.0	29.7	5.7	83.5	2.1	7.0						
							2	26.5	8.0	29.7	5.7	83.7	1.9	7.2							
						Bottom	11.8	1	26.5	8.0	30.5	5.5	81.6	4.8	8.8						
							2	26.5	8.0	30.5	5.5	81.6	4.2	7.6							
	TCE-WQM1	Rainy	Moderate	16:38	7.7	Surface	1.0	1	26.4	7.9	28.7	6.1	88.5	5.1	4.6	6.1	8.5	9.7			
							2	26.4	7.9	28.7	6.1	88.5	5.1	5.2							
						Middle	3.9	1	26.3	7.9	29.0	6.0	87.4	10.2	10.3						
							2	26.3	7.9	28.9	6.0	87.4	9.9	9.3							
						Bottom	6.7	1	26.3	7.9	29.0	6.0	87.7	10.3	14.8						
							2	26.3	7.9	29.0	6.0	87.6	10.5	14.0							
	TCE-WQM2a	Rainy	Moderate	17:13	5.8	Surface	1.0	1	26.3	8.0	28.5	6.0	87.9	8.6	11.2	6.1	7.9	12.5			
							2	26.3	8.0	28.5	6.1	88.2	8.5	12.5							
						Bottom	4.8	1	26.3	8.0	28.8	6.0	86.7	7.2	13.3						
							2	26.3	8.0	28.8	6.0	86.7	7.1	12.8							
						Surface	1.0	1	26.3	8.1	25.8	6.5	93.3	2.7	4.4				6.3	5.9	4.3
							2	26.3	8.1	25.8	6.5	93.3	2.7	3.2							
	Middle	5.8	1	26.5	8.2	30.2	6.1	89.9	5.7	3.3											
		2	26.5	8.2	30.2	6.1	89.9	5.7	4.3												
	Bottom	10.5	1	26.5	8.2	31.0	6.0	89.3	9.2	5.0											
		2	26.5	8.2	31.0	6.0	89.3	9.2	5.3												
	TCE-WQM3A	Rainy	Moderate	17:03	4.5	Surface	1.0	1	26.2	8.0	27.9	6.3	90.6	4.6	6.0	6.3	6.5	5.8			
							2	26.2	8.0	27.9	6.3	90.7	4.3	5.4							
						Bottom	3.5	1	26.1	8.0	28.3	6.2	89.4	8.5	5.2						
							2	26.2	8.0	28.3	6.2	89.2	8.5	6.5							
						Surface	1.0	1	26.3	8.0	28.8	6.2	90.0	10.2	9.3				6.2	9.2	10.0
							2	26.3	8.0	28.8	6.2	90.1	10.2	7.3							
	Bottom	2.3	1	26.3	8.0	29.2	6.2	91.0	8.2	10.8											
		2	26.3	8.0	29.2	6.2	90.8	8.1	12.7												

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)						
18-10-2018	Mid-Ebb	TCE-C1	Cloudy	Moderate	15:35	9.7	Surface	1.0	1	26.0	8.0	29.2	6.0	87.3	1.1	2.3	5.9	2.4	1.7						
									2	26.1	8.0	29.6	5.9	85.6	1.9	1.6									
							Middle	4.9	1	26.2	8.0	30.0	5.8	85.1	2.5	2.1									
									2	26.2	8.0	30.0	5.8	85.0	2.5	1.4									
							Bottom	8.7	1	26.2	8.0	30.3	5.8	84.9	3.3	1.4									
									2	26.2	8.0	30.3	5.8	84.9	3.3	1.2									
				TCE-C2	Cloudy	Moderate	15:54	13.1	Surface	1.0	1	26.3	8.0	30.4	5.6	81.8	1.2	2.4	5.5	3.5	2.4				
									2	26.3	8.0	30.5	5.5	81.5	1.3	3.2									
		Middle	6.6						1	26.5	8.1	31.4	5.4	79.9	2.9	1.8									
									2	26.5	8.1	31.4	5.4	79.9	3.1	1.2									
		Bottom	12.1						1	26.6	8.0	31.9	5.4	80.6	6.1	2.8									
									2	26.6	8.0	31.9	5.4	80.6	6.2	2.7									
				TCE-WQM1	Cloudy	Moderate	14:41	8.9	Surface	1.0	1	25.7	8.0	26.4	6.1	86.8	4.5	2.6	6.0	10.3	2.5				
									2	25.7	8.0	26.4	6.1	86.5	5.2	2.4									
		Middle	4.5						1	26.0	8.0	28.6	5.9	84.9	11.9	2.5									
									2	26.0	8.0	28.7	5.9	84.9	12.0	2.3									
		Bottom	7.9						1	26.1	8.0	29.6	5.9	85.2	14.2	2.4									
									2	26.1	7.9	29.5	5.9	85.3	14.0	2.5									
				TCE-WQM2a	Cloudy	Moderate	15:14	7.3	Surface	1.0	1	26.0	8.0	28.7	5.9	85.1	3.8	3.2	5.7	4.9	3.2				
									2	26.1	8.0	28.7	5.8	84.7	3.7	3.0									
		Middle	3.7						1	26.3	8.0	29.8	5.5	80.9	4.7	2.8									
									2	26.3	8.0	29.8	5.5	80.9	4.9	2.8									
		Bottom	6.3						1	26.4	8.0	30.0	5.6	81.6	6.3	4.0									
			2						26.3	8.0	30.0	5.6	81.7	6.0	3.2										
			TCE-WQM2b	Cloudy	Moderate	16:04	9.0	Surface	1.0	1	26.1	8.2	28.1	6.2	89.3	4.0	4.7	6.2	5.3	3.6					
								2	26.1	8.2	28.1	6.2	89.4	3.9	4.5										
	Middle	4.5						1	26.5	8.2	31.7	6.1	90.5	5.5	3.2										
								2	26.5	8.2	31.7	6.1	90.5	5.5	3.0										
	Bottom	8.0						1	26.5	8.2	32.0	6.2	92.7	6.4	2.8										
								2	26.5	8.2	32.0	6.2	92.6	6.3	3.3										
			TCE-WQM3A	Cloudy	Moderate	15:03	3.6	Surface	1.0	1	26.2	8.0	28.6	5.6	81.3	4.0	1.7	5.6	7.7	1.4					
								2	26.1	8.0	28.6	5.6	81.4	4.0	1.6										
	Bottom	2.6						1	26.4	8.0	29.8	5.2	76.3	11.6	1.4										
								2	26.4	8.0	29.7	5.2	76.6	11.2	0.9										
			TCE-WQM4	Cloudy	Moderate	14:53	3.4	Surface	1.0	1	25.9	8.0	28.2	6.0	86.9	6.5	1.8	6.0	6.6	1.9					
								2	25.9	8.0	28.3	6.0	86.9	6.5	2.1										
	Bottom	2.4						1	25.9	8.0	28.4	6.1	88.5	6.7	2.0										
								2	25.9	8.0	28.4	6.1	88.8	6.7	1.8										
		Mid-Flood	TCE-C1	Cloudy	Moderate	7:36	8.6	Surface	1.0	1	25.9	8.2	30.5	6.3	91.8	3.2	3.2	6.2	4.0	2.7					
									2	25.9	8.2	30.5	6.3	91.8	3.2	2.6									
	Middle							4.3	1	26.5	8.2	32.0	6.1	91.2	4.2	2.8									
									2	26.5	8.2	32.0	6.1	91.2	4.2	2.4									
	Bottom							7.6	1	26.6	8.2	32.5	6.2	92.0	4.5	2.2									
									2	26.6	8.2	32.5	6.2	91.9	4.6	3.0									
				TCE-C2	Rainy	Moderate	8:09	13.2	Surface	1.0	1	26.1	7.9	28.2	5.5	80.1	5.4	2.7	5.4	6.3	2.3				
									2	26.1	7.9	28.2	5.5	79.9	5.7	2.6									
	Middle		6.6						1	26.4	7.9	30.3	5.3	78.4	7.3	2.3									
									2	26.4	7.9	30.2	5.3	78.4	7.3	2.0									
	Bottom		12.2						1	26.4	7.9	31.1	5.3	78.1	6.0	2.2									
			2						26.3	7.9	31.1	5.3	78.3	5.9	2.1										
			TCE-WQM1	Cloudy	Moderate	9:18	8.9	Surface	1.0	1	25.7	8.1	26.6	5.9	84.0	3.2	1.5	5.8	5.1	2.5					
								2	25.8	8.1	26.6	5.9	83.7	3.3	1.6										
Middle	4.5							1	26.4	8.1	31.2	5.6	82.9	4.8	3.0										
								2	26.4	8.1	31.3	5.6	82.9	5.1	2.9										
Bottom	7.9							1	26.4	8.1	31.7	5.6	83.5	7.0	2.8										
								2	26.4	8.1	31.7	5.6	83.6	7.4	3.4										
			TCE-WQM2a	Rainy	Moderate	8:47	6.9	Surface	1.0	1	25.8	7.9	27.7	5.9	84.8	2.9	4.5	5.7	4.1	3.7					
								2	25.8	7.9	27.8	5.9	84.5	3.2	4.2										
Middle	3.5							1	26.2	7.9	28.1	5.5	79.2	4.3	3.9										
								2	26.2	7.9	28.1	5.5	79.0	4.4	3.1										
Bottom	5.9							1	26.3	7.9	31.0	5.3	78.6	5.1	3.5										
								2	26.3	7.9	31.1	5.3	78.7	4.9	3.1										
		TCE-WQM2b	Rainy	Moderate	8:35	9.1	Surface	1.0	1	25.9	7.9	27.0	5.8	83.6	6.4	1.4	5.5	7.8	2.5						
							2	26.0	7.9	27.0	5.8	83.2	7.6	1.8											
Middle	4.6						1	26.5	7.9	30.7	5.2	76.6	10.2	2.5											
							2	26.5	7.9	30.7	5.2	76.5	10.1	2.3											
Bottom	8.1						1	26.5	7.9	30.9	5.2	76.4	6.3	3.3											
							2	26.5	7.9	30.9	5.2	76.4	6.3	3.8											
		TCE-WQM3A	Cloudy	Moderate	8:57	4.2	Surface	1.0	1	25.9	8.0	26.6	5.5	78.2	5.1	3.6	5.5	10.6	3.4						
							2	25.9	7.9	26.5	5.5	78.1	5.4	3.6											
Bottom	3.2						1	26.4	7.9	29.7	5.1	74.0	16.3	3.2											
							2	26.4	7.9	29.7	5.3	77.4	15.7	3.3											
		TCE-WQM4	Cloudy	Moderate	9:06	4.0	Surface	1.0	1	25.7	8.0	26.7	5.7	81.8	4.0	3.2	5.7	7.6	3.4						
							2	25.8	8.0	26.7	5.7	81.7	4.0	3.8											
Bottom	3.0						1	26.1	8.0	28.8	5.7	82.3	11.3	3.1											
							2	26.1	8.0	28.8	5.7	82.6	11.0	3.4											

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged									
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)							
20-10-2018	Mid-Ebb	TCE-C1	Cloudy	Moderate	10:02	8.5	Surface	1.0	1	26.2	8.2	32.6	6.6	97.7	6.9	2.6	6.6	7.5	3.6							
									2	26.2	8.2	32.6	6.6	97.8	6.9	3.7										
							Middle	4.3	1	26.2	8.2	32.6	6.6	97.6	7.2	5.5										
									2	26.2	8.2	32.6	6.6	97.6	7.2	4.2										
							Bottom	7.5	1	26.2	8.1	32.6	6.6	97.7	8.4	2.7										
									2	26.2	8.1	32.6	6.6	97.6	8.4	2.8										
		TCE-C2	Cloudy	Moderate	8:44	12.7	Surface	1.0	1	26.1	8.0	31.6	5.7	84.0	1.8	3.8	5.7	2.4	3.8							
									2	26.1	8.0	31.6	5.7	84.0	1.8	4.4										
							Middle	6.4	1	26.3	8.0	31.9	5.6	82.5	2.5	3.4										
									2	26.3	8.0	31.9	5.6	82.5	2.5	3.4										
							Bottom	11.7	1	26.3	8.0	32.0	5.6	83.2	2.8	4.5										
									2	26.3	8.0	32.0	5.6	83.0	2.8	3.6										
		TCE-WQM1	Cloudy	Moderate	10:25	9.1	Surface	1.0	1	25.8	8.1	30.5	6.2	90.8	3.0	4.7	6.2	5.0	5.1							
									2	25.7	8.1	30.4	6.2	90.8	2.9	4.7										
							Middle	4.6	1	26.0	8.1	31.9	6.2	91.2	6.5	4.0										
									2	26.0	8.1	31.8	6.2	91.1	6.3	4.3										
							Bottom	8.1	1	25.9	8.1	31.5	6.3	92.5	5.5	6.0										
									2	25.9	8.1	31.7	6.3	92.3	5.8	6.8										
		TCE-WQM2a	Cloudy	Moderate	9:49	7.3	Surface	1.0	1	25.7	8.0	30.5	6.2	90.2	2.7	4.4	6.2	4.4	3.3							
									2	25.7	8.0	30.5	6.2	90.2	2.7	3.0										
							Middle	3.7	1	25.8	8.0	30.6	6.1	88.4	3.4	2.8										
									2	25.8	8.0	30.6	6.1	88.5	3.4	3.5										
							Bottom	6.3	1	26.2	8.0	31.3	5.7	84.0	7.0	3.1										
									2	26.2	8.0	31.4	5.7	83.9	7.1	2.7										
	TCE-WQM2b	Cloudy	Moderate	9:13	8.8	Surface	1.0	1	25.9	8.0	31.0	6.0	87.3	2.0	4.3	6.0	2.0	3.7								
								2	25.9	8.0	31.0	6.0	87.3	2.0	3.7											
						Middle	4.4	1	26.0	8.0	31.1	5.9	86.5	2.0	4.6											
								2	26.0	8.0	31.1	5.9	86.5	2.0	4.3											
						Bottom	7.8	1	26.0	8.0	31.1	6.0	87.8	2.1	2.2											
								2	26.0	8.0	31.1	6.0	87.6	2.1	3.0											
	TCE-WQM3A	Cloudy	Moderate	10:02	4.2	Surface	1.0	1	26.0	8.0	29.9	5.7	83.3	6.8	2.7	5.7	7.0	3.2								
								2	26.0	8.0	29.9	5.7	83.3	6.8	2.4											
						Bottom	3.2	1	26.0	8.0	30.3	5.9	85.8	7.2	3.6											
								2	26.0	8.0	30.3	5.9	85.7	7.3	4.1											
						TCE-WQM4	Cloudy	Moderate	10:12	3.5	Surface	1.0	1	25.6	8.0				29.9	6.4	92.2	3.9	5.8	6.4	4.0	6.1
												2	25.6	8.0	29.9				6.4	92.2	3.8	5.7				
	Bottom	2.5	1	25.6	8.0	29.9					6.4	92.9	4.1	6.3												
			2	25.6	8.0	29.8					6.4	92.9	4.1	6.5												
	Mid-Flood	TCE-C1	Cloudy	Moderate	15:37	8.1					Surface	1.0	1	26.0	8.1	32.1	6.7	99.6	7.4	6.4	6.7	9.0	4.8			
													2	26.0	8.1	32.1	6.7	99.6	7.4	5.4						
							Middle	4.1	1	26.1	8.1	32.2	6.7	99.0	8.4	4.6										
									2	26.1	8.1	32.2	6.7	99.0	8.4	4.9										
							Bottom	7.1	1	26.1	8.0	32.2	6.6	98.2	11.2	3.5										
									2	26.1	8.0	32.2	6.6	98.2	11.2	4.2										
		TCE-C2	Cloudy	Moderate	16:55	12.2	Surface	1.0	1	26.1	8.0	31.3	5.9	87.2	2.0	2.1	5.9	6.9	2.5							
									2	26.1	8.0	31.2	5.9	87.4	1.8	2.6										
							Middle	6.1	1	26.1	8.0	31.5	5.8	85.7	9.8	2.1										
									2	26.1	8.0	31.5	5.8	85.8	9.2	2.6										
							Bottom	11.2	1	26.1	8.0	31.5	5.8	85.9	9.0	2.9										
									2	26.1	8.0	31.5	5.8	85.9	9.5	2.9										
		TCE-WQM1	Cloudy	Moderate	15:37	8.9	Surface	1.0	1	25.7	8.0	30.0	6.5	94.0	5.5	7.5	6.5	7.2	6.8							
									2	25.7	8.0	29.9	6.5	94.1	5.4	7.7										
							Middle	4.5	1	25.8	8.0	30.2	6.4	92.7	6.9	6.8										
									2	25.7	8.0	30.1	6.4	92.8	6.7	6.1										
							Bottom	7.9	1	25.9	8.0	30.7	6.4	93.0	9.4	5.6										
									2	25.9	8.0	30.7	6.3	92.8	9.4	6.8										
		TCE-WQM2a	Cloudy	Moderate	16:10	7.2	Surface	1.0	1	26.0	8.0	31.0	6.1	88.9	4.3	5.6	6.1	5.1	5.0							
									2	26.0	8.0	31.0	6.1	88.9	4.3	5.5										
							Middle	3.6	1	26.0	8.0	31.0	6.0	88.4	5.5	4.7										
									2	26.0	8.0	31.0	6.0	88.3	5.5	5.2										
							Bottom	6.2	1	26.0	8.0	31.0	6.0	88.5	5.6	4.0										
									2	26.0	8.0	31.0	6.0	88.5	5.6	4.7										
	TCE-WQM2b	Cloudy	Moderate	16:24	10.9	Surface	1.0	1	26.0	8.1	30.9	6.2	90.8	3.5	3.8	6.2	4.8	3.9								
								2	26.0	8.1	30.9	6.2	90.8	3.4	2.8											
						Middle	5.5	1	26.0	8.1	30.9	6.2	90.9	5.5	3.7											
								2	26.0	8.1	30.9	6.2	90.9	5.4	4.5											
						Bottom	9.9	1	26.0	8.1	30.9	6.2	91.3	5.3	3.8											
								2	26.0	8.1	30.9	6.2	91.2	5.6	4.6											
	TCE-WQM3A	Cloudy	Moderate	16:00	3.8	Surface	1.0	1	26.2	8.0	30.8	5.7	83.9	10.4	9.8	5.7	10.5	9.1								
								2	26.2	8.0	30.8	5.7	83.8	10.6	9.5											
						Bottom	2.8	1	26.2	8.0	30.8	5.8	84.9	10.6	8.2											
								2	26.2	8.0	30.8	5.8	84.8	10.5	9.0											
						TCE-WQM4	Cloudy	Moderate	15:50	3.2	Surface	1.0	1	25.8	8.0				30.3	6.3	91.8	10.3	9.3	6.3	11.6	11.3
													2	25.8	8.0				30.3	6.3	91.8	10.0	9.1			
	Bottom	2.2	1	25.8	8.0						30.3	6.3	91.9	13.1	14.8											
			2	25.8	8.0						30.3	6.3	91.9	13.0	12.0											

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)								
23-10-2018	Mid-Ebb	TCE-C2	Fine	Moderate	12:00	12.2	Surface	1	1	26.3	7.9	27.5	6.6	95.9	1.6	3.1	6.5	2.7	4.9								
								2	26.3	7.9	27.5	6.6	96.1	1.6	3.8												
							Middle	6.1	1	26.2	7.9	28.0	6.4	92.1	3.1	2.9											
								2	26.2	7.9	27.9	6.4	92.3	2.9	3.5												
							Bottom	11.2	1	26.2	7.9	28.1	6.5	93.6	3.3	7.8											
								2	26.2	7.9	28.2	6.5	93.4	3.4	8.3												
		TCE-WQM1	Fine	Moderate	10:26	8.2	Surface	1	1	26.2	7.8	28.2	6.4	92.6	4.9	3.8	6.4	5.1	5.0								
								2	26.2	7.8	28.2	6.4	92.6	4.9	4.5												
							Middle	4.1	1	26.2	7.8	28.2	6.4	92.5	4.8	5.7											
								2	26.2	7.8	28.2	6.4	92.5	4.8	5.4												
							Bottom	7.2	1	26.2	7.8	28.2	6.4	92.5	5.6	5.3											
								2	26.2	7.8	28.2	6.4	92.4	5.5	5.3												
		TCE-WQM2a	Fine	Moderate	10:50	7.4	Surface	1	1	26.3	7.9	27.7	6.4	92.2	2.5	3.6	6.4	3.1	3.9								
								2	26.3	7.9	27.7	6.4	92.1	2.5	4.2												
							Middle	3.7	1	26.2	7.9	27.7	6.3	91.3	3.0	3.7											
								2	26.2	7.9	27.7	6.3	91.3	2.9	4.4												
							Bottom	6.4	1	26.2	7.9	27.8	6.3	91.3	3.8	3.0											
								2	26.2	7.9	27.8	6.3	91.2	3.9	4.4												
		TCE-WQM2b	Fine	Moderate	11:03	10.1	Surface	1	1	26.3	7.9	26.9	6.5	93.4	2.5	3.4	6.5	5.1	3.9								
								2	26.3	7.9	26.9	6.5	93.4	2.5	5.0												
							Middle	5.05	1	26.3	7.9	27.3	6.4	92.9	2.8	4.0											
								2	26.3	7.9	27.3	6.4	92.9	2.9	2.9												
							Bottom	9.1	1	26.2	7.9	27.9	6.2	89.9	10.1	3.7											
								2	26.2	7.9	27.9	6.2	89.9	9.9	4.5												
	TCE-WQM3A	Fine	Moderate	11:25	4.5	Surface	1	1	26.2	7.9	27.3	6.5	93.3	2.8	6.3	6.5	3.4	4.5									
							2	26.2	7.9	27.3	6.5	93.4	2.8	5.1													
						Bottom	3.5	1	26.1	7.9	27.4	6.4	92.9	4.2	3.5												
							2	26.1	7.9	27.4	6.4	92.9	3.9	3.1													
						TCE-WQM4	Fine	Moderate	10:40	4.3	Surface	1	1	26.1	7.9				27.9	6.6	95.1	3.5	4.3	6.6	3.2	5.2	
												2	26.1	7.9	27.9				6.6	95.1	3.5	4.6					
	Bottom	3.3	1	26.1	7.9						27.9	6.7	97.2	2.7	5.7												
		2	26.1	7.9	27.9						6.7	96.9	2.9	6.2													
	Mid-Flood	TCE-C1	Fine	Moderate	7:25						9	Surface	1	1	26.2	8.1	25.1	6.6	94.4	23.9	3.3	6.6	26.9				3.5
													2	26.2	8.1	25.0	6.6	94.5	23.3	2.9							
						Middle	4.5	1	26.3	8.1		30.0	6.5	94.8	27.1	2.8											
							2	26.3	8.1	29.9		6.5	94.8	26.9	4.1												
						Bottom	8	1	26.3	8.1		30.1	6.5	95.0	30.1	3.2											
							2	26.3	8.1	30.1		6.5	95.0	30.3	4.5												
						TCE-C2	Fine	Moderate	5:03	12.3		Surface	1	1	26.2	7.9	30.7	6.0	88.8	3.9	3.1			6.0	9.9	4.2	
													2	26.2	7.9	30.7	6.1	88.9	3.7	2.6							
												Middle	6.15	1	26.2	7.8	31.0	6.0	87.9	5.7	4.3						
													2	26.2	7.8	31.0	6.0	87.9	5.6	5.2							
												Bottom	11.3	1	26.1	7.7	31.4	5.9	87.5	20.3	4.5						
													2	26.1	7.7	31.4	5.9	87.5	20.3	5.6							
		TCE-WQM1	Fine	Moderate	6:10	8.6	Surface	1	1	26.0	8.1	30.8	6.3	91.9	2.9	3.8	6.3	3.6	3.9								
								2	26.0	8.1	30.8	6.3	91.9	2.7	4.4												
							Middle	4.3	1	26.0	8.1	31.0	6.3	92.3	3.7	5.2											
								2	26.0	8.1	30.9	6.3	92.3	3.6	4.4												
Bottom							7.6	1	26.0	8.1	31.0	6.3	92.3	4.4	3.0												
							2	26.0	8.1	31.0	6.3	92.3	4.0	2.7													
TCE-WQM2a		Fine	Moderate	5:37	6.9	Surface	1	1	26.2	8.1	29.8	6.3	92.7	4.6	5.9	6.4	4.0	4.8									
							2	26.2	8.1	29.8	6.3	92.7	4.6	6.9													
						Middle	3.45	1	26.2	8.1	30.1	6.4	93.6	3.8	5.2												
							2	26.2	8.1	30.1	6.4	93.4	3.8	4.1													
						Bottom	5.9	1	26.2	8.1	30.1	6.5	95.6	3.6	3.4												
							2	26.2	8.1	30.1	6.5	95.5	3.6	3.3													
TCE-WQM2b	Fine	Moderate	5:25	9.8	Surface	1	1	26.2	8.1	30.2	6.2	91.6	10.4	3.3	6.3	11.2	4.1										
						2	26.2	8.1	30.2	6.2	91.6	10.5	2.6														
					Middle	4.9	1	26.2	8.0	30.2	6.3	92.3	13.7	3.4													
						2	26.2	8.0	30.2	6.3	92.2	11.6	2.9														
					Bottom	8.8	1	26.2	8.0	30.2	6.4	94.3	10.3	5.5													
						2	26.2	8.0	30.2	6.4	94.0	10.5	6.7														
TCE-WQM3A	Fine	Moderate	5:49	3.7	Surface	1	1	26.1	8.1	29.7	6.3	92.4	7.2	4.4	6.3	7.9	3.4										
						2	26.1	8.1	29.7	6.3	92.4	7.2	3.1														
					Bottom	2.7	1	26.1	8.1	30.0	6.5	95.1	8.8	3.3													
						2	26.1	8.1	30.0	6.5	94.9	8.3	2.9														
					TCE-WQM4	Fine	Moderate	5:59	3.2	Surface	1	1	26.1	8.1				30.3	6.3	92.5	2.5	2.9	6.3	2.6	3.1		
											2	26.1	8.1	30.2				6.3	92.5	2.4	3.7						
Bottom	2.2	1	26.1	8.1						30.3	6.4	93.1	2.6	2.7													
	2	26.1	8.1	30.4						6.4	93.0	2.7	3.0														

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)		
25-10-2018	Mid-Ebb	TCE-C1	Cloudy	Moderate	12:43	8.2	Surface	1.0	1.0	26.1	8.2	29.6	6.9	101.0	2.8	4.4	6.9	9.4	5.6		
								2.0	2.0	26.1	8.2	29.6	6.9	101.0	2.8	4.8					
							Middle	4.1	1.0	26.0	8.3	30.7	6.9	100.8	5.9	5.4					
								2.0	2.0	26.0	8.3	30.7	6.9	100.9	5.7	5.9					
							Bottom	7.2	1.0	26.0	8.3	31.8	6.8	100.0	19.7	6.6					
								2.0	2.0	26.0	8.3	31.8	6.8	100.0	19.3	6.7					
		TCE-C2	Cloudy	Moderate	13:08	13.4	Surface	1.0	1.0	26.3	7.9	27.5	6.2	89.9	3.1	5.5	6.1	5.0	6.1		
								2.0	2.0	26.3	7.9	27.5	6.2	90.2	3.1	5.4					
							Middle	6.7	1.0	26.1	7.9	27.9	6.0	87.2	5.2	6.4					
								2.0	2.0	26.1	7.9	27.9	6.0	87.2	4.9	6.6					
							Bottom	12.4	1.0	26.1	7.9	27.9	6.1	88.4	6.9	6.3					
								2.0	2.0	26.1	7.9	28.0	6.1	88.4	7.0	6.1					
		TCE-WQM1	Cloudy	Moderate	11:30	9.1	Surface	1.0	1.0	26.0	7.9	27.5	6.3	90.4	12.2	10.2	6.3	11.8	12.4		
								2.0	2.0	26.0	7.9	27.5	6.3	90.4	12.0	10.0					
							Middle	4.6	1.0	26.0	7.9	27.5	6.3	90.5	11.4	11.1					
								2.0	2.0	26.0	7.9	27.5	6.3	90.5	11.3	12.7					
							Bottom	8.1	1.0	26.0	7.9	27.5	6.3	90.8	12.0	14.8					
								2.0	2.0	26.0	7.9	27.5	6.3	90.7	12.0	15.3					
		TCE-WQM2a	Cloudy	Moderate	12:02	6.1	Surface	1.0	1.0	26.2	7.9	27.3	6.4	92.2	4.2	7.2	6.4	5.3	6.3		
								2.0	2.0	26.2	7.9	27.3	6.4	92.2	4.2	6.3					
							Middle	3.1	1.0	26.1	7.9	27.3	6.4	92.1	4.1	5.6					
								2.0	2.0	26.1	7.9	27.3	6.4	92.1	4.1	6.1					
							Bottom	5.1	1.0	26.0	7.9	27.3	6.4	91.7	7.8	6.4					
								2.0	2.0	26.0	7.9	27.3	6.4	91.6	7.3	6.1					
	TCE-WQM2b	Cloudy	Moderate	12:49	11.5	Surface	1.0	1.0	26.2	7.9	27.5	6.2	89.3	3.7	7.0	6.2	6.1	8.7			
							2.0	2.0	26.2	7.9	27.5	6.2	89.4	3.7	7.0						
						Middle	5.8	1.0	26.1	7.9	27.6	6.1	88.4	2.9	8.4						
							2.0	2.0	26.1	7.9	27.6	6.1	88.5	2.9	8.0						
						Bottom	10.5	1.0	26.1	7.9	28.1	6.1	87.5	11.7	10.9						
							2.0	2.0	26.1	7.9	28.1	6.0	87.4	11.9	10.6						
	TCE-WQM3A	Cloudy	Calm	11:52	3.9	Surface	1.0	1.0	26.2	7.9	27.1	6.3	90.7	3.6	6.8	6.3	4.4	7.0			
							2.0	2.0	26.2	7.9	27.1	6.3	90.7	3.5	7.3						
						Bottom	2.9	1.0	26.1	7.9	27.2	6.4	91.4	5.2	7.0						
							2.0	2.0	26.1	7.9	27.2	6.3	91.3	5.1	6.7						
						Surface	1.0	1.0	26.2	7.9	27.2	6.5	94.2	3.0	5.3				6.5	3.7	5.8
							2.0	2.0	26.2	7.9	27.2	6.5	94.2	3.0	5.0						
	Bottom	3.2	1.0	26.2	7.9	27.2	6.6	94.7	4.4	6.4											
		2.0	2.0	26.2	7.9	27.2	6.6	94.6	4.3	6.6											
	Surface	1.0	1.0	26.0	8.2	29.6	6.6	96.6	4.2	7.1	6.7	11.9	8.3								
		2.0	2.0	26.0	8.2	29.6	6.6	96.5	4.2	6.6											
	Middle	4.4	1.0	26.0	8.2	31.3	6.8	99.9	13.8	6.5											
		2.0	2.0	26.0	8.2	31.3	6.8	99.8	13.7	7.5											
	Bottom	7.8	1.0	26.0	8.3	31.9	6.8	100.6	17.9	10.5											
		2.0	2.0	26.0	8.3	31.9	6.8	100.7	17.6	11.4											
	TCE-C2	Cloudy	Moderate	6:07	13.2	Surface	1.0	1.0	26.1	7.7	27.9	6.0	86.4	6.5	9.9	6.0	9.5	9.5			
							2.0	2.0	26.1	7.7	27.9	6.0	86.5	6.5	8.9						
						Middle	6.6	1.0	26.1	7.7	28.3	5.9	85.2	10.1	9.6						
							2.0	2.0	26.1	7.7	28.3	5.9	85.2	10.0	9.5						
Bottom						12.2	1.0	26.1	7.7	28.3	5.9	85.2	11.8	9.4							
						2.0	2.0	26.1	7.7	28.3	5.9	85.2	11.8	9.6							
TCE-WQM1	Cloudy	Calm	7:52	8.8	Surface	1.0	1.0	25.9	7.9	27.4	6.3	90.4	4.0	8.7	6.3	4.1	7.7				
						2.0	2.0	25.9	7.9	27.4	6.3	90.4	3.9	8.5							
					Middle	4.4	1.0	25.9	7.9	27.4	6.3	90.4	4.1	7.2							
						2.0	2.0	25.9	7.9	27.4	6.3	90.4	4.0	7.0							
					Bottom	7.8	1.0	25.9	7.9	27.4	6.3	90.4	4.2	7.7							
						2.0	2.0	25.9	7.9	27.4	6.3	90.4	4.3	7.0							
TCE-WQM2a	Cloudy	Moderate	7:19	7.1	Surface	1.0	1.0	26.0	7.9	27.3	6.2	89.7	7.5	17.6	6.2	8.5	13.3				
						2.0	2.0	26.0	7.9	27.3	6.3	89.8	7.4	15.8							
					Middle	3.6	1.0	26.0	7.9	27.3	6.2	89.6	7.9	12.5							
						2.0	2.0	26.0	7.9	27.3	6.2	89.6	7.7	11.3							
					Bottom	6.1	1.0	26.0	7.9	27.3	6.3	89.8	10.6	10.8							
						2.0	2.0	26.0	7.9	27.3	6.2	89.7	10.0	11.6							
TCE-WQM2b	Cloudy	Moderate	6:33	11.9	Surface	1.0	1.0	26.0	7.9	27.4	6.2	89.5	7.1	12.5	6.2	11.0	15.1				
						2.0	2.0	26.0	7.9	27.4	6.2	89.5	7.0	12.1							
					Middle	6.0	1.0	26.0	7.9	27.4	6.2	89.1	11.4	15.5							
						2.0	2.0	26.0	7.9	27.4	6.2	89.1	11.9	16.4							
					Bottom	10.9	1.0	26.0	7.9	27.4	6.2	89.1	14.0	16.3							
						2.0	2.0	26.0	7.9	27.4	6.2	89.1	14.4	17.7							
TCE-WQM3A	Cloudy	Calm	7:30	4.3	Surface	1.0	1.0	26.0	7.9	27.2	6.2	89.2	5.0	7.4	6.2	5.6	8.8				
						2.0	2.0	26.0	7.9	27.2	6.2	89.1	4.9	8.7							
					Bottom	3.3	1.0	26.0	7.9	27.2	6.2	89.7	6.2	9.9							
						2.0	2.0	26.0	7.9	27.2	6.2	89.6	6.2	9.1							
					Surface	1.0	1.0	26.1	7.9	27.3	6.2	89.2	3.5	7.4				6.2	4.1	8.1	
						2.0	2.0	26.1	7.9	27.3	6.2	89.2	3.4	7.6							
Bottom	3.0	1.0	26.1	7.9	27.3	6.2	89.7	4.7	8.7												
	2.0	2.0	26.1	7.9	27.3	6.2	89.6	4.7	8.6												

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
27-10-2018	Mid-Ebb	TCE-C1	Cloudy	Moderate	12:50	7.7	Surface	1.0	1.0	26.1	8.1	28.5	6.9	100.3	1.5	3.6	6.9	3.4	5.7
								2.0	26.1	8.1	28.5	6.9	100.3	1.5	3.8				
							Middle	3.9	1.0	25.9	8.2	29.7	6.8	99.3	2.5	4.6			
								2.0	25.9	8.2	29.8	6.8	99.2	2.9	5.5				
							Bottom	6.7	1.0	25.9	8.2	30.4	6.8	98.9	6.2	8.0			
								2.0	25.9	8.2	30.4	6.8	99.0	5.8	8.6				
			1.0	1.0	27.0	9.0	28.7	6.7	98.1	2.4	5.8	6.4	3.5	8.7					
			2.0	27.0	9.0	28.6	6.7	98.6	2.5	5.4									
		Middle	5.7	1.0	26.3	9.0	30.0	6.1	89.1	3.9	6.5								
			2.0	26.3	9.0	29.8	6.1	89.6	3.9	7.8									
		Bottom	10.4	1.0	26.2	9.0	30.5	6.1	89.6	4.0	16.3								
			2.0	26.2	9.0	30.5	6.1	89.4	4.0	10.5									
			1.0	1.0	26.2	9.4	29.3	6.4	93.0	5.0	9.3	6.4	5.2	9.6					
			2.0	26.2	9.4	29.3	6.4	93.0	5.0	9.1									
		Middle	4.3	1.0	26.2	9.4	29.4	6.4	93.0	5.1	9.6								
			2.0	26.2	9.4	29.4	6.4	93.0	4.9	9.6									
		Bottom	7.5	1.0	26.2	9.5	29.4	6.4	93.5	5.6	10.2								
			2.0	26.2	9.5	29.4	6.4	93.4	5.6	9.8									
			1.0	1.0	26.4	9.1	29.1	6.4	92.9	2.1	4.8	6.4	3.6	7.9					
			2.0	26.4	9.1	29.1	6.4	92.9	2.2	3.4									
		Middle	3.3	1.0	26.4	9.1	29.2	6.3	92.2	2.0	6.4								
			2.0	26.4	9.1	29.2	6.3	92.4	2.0	5.6									
		Bottom	5.5	1.0	26.3	9.1	29.6	6.1	89.5	6.5	13.7								
			2.0	26.3	9.1	29.6	6.1	89.4	6.6	13.2									
		1.0	1.0	26.5	9.0	28.7	6.4	93.2	4.4	9.9	6.3	4.1	7.6						
		2.0	26.5	9.0	28.7	6.4	93.1	4.4	9.2										
	Middle	5.1	1.0	26.3	9.0	29.8	6.0	88.4	3.8	6.6									
		2.0	26.3	9.0	29.6	6.3	91.8	3.5	7.0										
	Bottom	9.2	1.0	26.2	9.0	30.3	6.0	88.3	4.2	6.5									
		2.0	26.2	9.0	30.3	6.0	88.1	4.3	6.2										
		1.0	1.0	26.5	9.1	28.8	6.6	95.9	3.4	8.3	6.6	3.3	6.5						
		2.0	26.6	9.1	28.8	6.6	96.1	3.2	7.4										
	Bottom	2.2	1.0	26.5	9.1	28.8	6.6	95.9	3.3	5.4									
		2.0	26.5	9.1	28.8	6.6	95.9	3.3	5.0										
		1.0	1.0	26.6	9.2	29.0	6.6	96.5	4.0	9.7				6.6	4.4	8.2			
		2.0	26.5	9.2	29.0	6.6	96.5	4.1	9.9										
	Bottom	2.3	1.0	26.3	9.2	29.3	6.6	95.8	5.0	6.6									
		2.0	26.3	9.2	29.3	6.6	95.7	4.4	6.5										
		1.0	1.0	25.9	8.1	28.8	6.6	95.5	5.2	7.3	6.6	8.3	9.2						
		2.0	25.9	8.1	28.8	6.6	95.6	5.7	6.9										
	Middle	4.4	1.0	25.9	8.1	29.6	6.6	96.0	8.7	7.2									
		2.0	25.9	8.1	29.8	6.6	96.0	8.7	7.2										
	Bottom	7.8	1.0	25.9	8.1	30.6	6.5	95.6	10.6	12.9									
		2.0	25.9	8.1	30.4	6.5	95.6	10.6	13.9										
		1.0	1.0	26.2	9.5	29.8	6.0	87.5	6.6	10.7	6.0	12.2	12.5						
		2.0	26.2	9.5	29.8	6.0	87.3	7.0	10.0										
	Middle	7.3	1.0	26.2	9.5	30.2	5.9	86.4	12.9	12.8									
		2.0	26.2	9.5	30.2	5.9	86.4	13.7	13.4										
	Bottom	13.5	1.0	26.2	9.6	30.3	5.9	86.6	16.4	13.9									
		2.0	26.2	9.6	30.3	5.9	86.7	16.4	14.2										
		1.0	1.0	26.1	9.0	29.4	6.3	91.5	4.3	5.7	6.3	4.4	6.6						
		2.0	26.1	9.0	29.4	6.3	91.5	4.3	4.7										
	Middle	4.1	1.0	26.1	9.0	29.4	6.3	91.5	4.4	7.2									
		2.0	26.1	9.0	29.4	6.3	91.5	4.4	7.4										
	Bottom	7.2	1.0	26.1	9.0	29.4	6.3	91.3	4.5	7.7									
		2.0	26.1	9.0	29.4	6.3	91.4	4.5	6.8										
		1.0	1.0	26.3	9.0	28.6	6.3	92.1	5.5	8.3	6.3	5.8	9.3						
		2.0	26.3	9.0	28.6	6.3	92.1	5.1	7.6										
	Middle	3.4	1.0	26.3	9.0	28.6	6.3	91.9	5.1	9.5									
		2.0	26.3	9.0	28.6	6.3	91.9	5.4	9.6										
	Bottom	5.8	1.0	26.2	9.0	28.7	6.3	91.4	6.9	10.7									
		2.0	26.2	9.0	28.7	6.3	91.3	7.0	10.1										
		1.0	1.0	26.2	9.1	28.8	6.3	91.0	9.9	10.8	6.3	13.8	12.9						
		2.0	26.2	9.1	28.8	6.3	91.0	9.6	11.0										
	Middle	4.9	1.0	26.2	9.0	28.9	6.2	90.7	13.2	13.2									
		2.0	26.2	9.0	28.9	6.2	90.7	14.1	12.7										
	Bottom	8.8	1.0	26.2	9.0	29.0	6.2	90.8	17.7	13.9									
		2.0	26.2	9.0	29.0	6.2	90.8	18.1	15.9										
		1.0	1.0	26.1	8.9	28.7	6.4	92.8	3.8	3.4	6.4	4.5	4.8						
		2.0	26.1	8.9	28.7	6.4	92.8	3.9	4.2										
	Bottom	2.3	1.0	26.2	8.9	29.0	6.4	92.9	5.1	5.6									
		2.0	26.2	8.9	29.0	6.4	92.9	5.2	6.0										
		1.0	1.0	26.2	8.9	28.9	6.4	92.6	5.1	4.8				6.4	5.4	5.2			
		2.0	26.2	8.9	28.9	6.4	92.5	5.6	5.6										

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)							
30-10-2018	Mid-Ebb	TCE-C1	Sunny	Moderate	16:35	8.6	Surface	1.0	1	25.3	8.2	28.8	6.8	97.9	3.1	3.4	6.8	7.1	4.0							
									2	25.3	8.2	28.8	6.8	98.0	3.1	2.9										
							Middle	4.3	1	25.4	8.2	31.1	6.7	97.5	7.0	3.8										
									2	25.4	8.2	31.1	6.7	97.5	6.9	4.4										
							Bottom	7.6	1	25.4	8.2	31.3	6.6	96.5	11.2	4.9										
									2	25.4	8.2	31.4	6.6	96.6	11.5	4.8										
		TCE-C2	Sunny	Moderate	16:33	12.9	Surface	1.0	1	25.8	8.2	30.4	5.9	85.6	6.0	3.2	5.8	6.7	2.7							
									2	25.8	8.2	30.4	5.9	85.7	5.9	2.8										
							Middle	6.5	1	25.8	8.2	31.1	5.6	81.8	6.9	2.9										
									2	25.8	8.2	31.1	5.6	81.8	6.8	2.3										
							Bottom	11.9	1	25.8	8.2	31.1	5.6	82.5	7.2	2.6										
									2	25.8	8.2	31.1	5.6	82.3	7.3	2.6										
		TCE-WQM1	Sunny	Calm	15:25	7.8	Surface	1.0	1	25.4	8.1	29.3	6.3	91.0	6.6	3.4	6.3	6.6	5.4							
									2	25.4	8.1	29.3	6.3	91.1	6.7	2.9										
							Middle	3.9	1	25.4	8.1	29.2	6.3	90.8	6.6	3.8										
									2	25.4	8.1	29.2	6.3	90.8	6.6	3.0										
							Bottom	6.8	1	25.4	8.1	29.2	6.3	90.9	6.6	8.8										
									2	25.4	8.1	29.2	6.3	90.9	6.6	10.4										
		TCE-WQM2a	Sunny	Moderate	15:58	6.7	Surface	1.0	1	25.7	8.2	29.5	6.1	88.0	6.0	7.3	6.1	6.2	5.2							
									2	25.7	8.2	29.5	6.1	88.1	6.0	7.7										
							Middle	3.4	1	25.7	8.2	29.6	6.0	86.7	6.2	4.2										
									2	25.7	8.2	29.6	6.0	86.7	6.2	4.2										
							Bottom	5.7	1	25.8	8.2	29.7	6.0	87.2	6.3	4.1										
									2	25.8	8.2	29.7	6.0	87.0	6.4	3.9										
	TCE-WQM2b	Sunny	Moderate	16:10	12.4	Surface	1.0	1	25.6	8.2	29.6	6.0	86.1	6.1	2.2	5.8	7.8	3.1								
								2	25.6	8.2	29.6	6.0	86.2	6.2	2.5											
						Middle	6.2	1	25.8	8.2	30.6	5.6	81.9	8.8	3.0											
								2	25.8	8.2	30.6	5.6	81.9	8.5	2.9											
						Bottom	11.4	1	25.8	8.2	30.6	5.7	83.2	8.4	4.2											
								2	25.8	8.2	30.6	5.7	83.0	8.9	3.9											
	TCE-WQM3A	Sunny	Calm	15:46	3.4	Surface	1.0	1	25.7	8.2	29.0	6.6	96.0	7.9	8.3	6.6	9.2	9.1								
								2	25.7	8.2	29.0	6.6	96.0	8.1	8.3											
						Bottom	2.4	1	25.7	8.2	29.0	6.6	95.7	10.5	10.6											
								2	25.7	8.2	29.0	6.6	95.7	10.4	9.2											
						TCE-WQM4	Sunny	Calm	15:36	3.6	Surface	1.0	1	25.6	8.2				29.2	6.6	95.0	7.7	2.8	6.6	8.0	3.6
												2	25.6	8.2	29.1				6.6	95.0	7.6	3.6				
	Bottom	2.6	1	25.6	8.2	29.1					6.6	94.7	8.4	3.8												
			2	25.6	8.2	29.1					6.6	94.7	8.2	4.0												
	TCE-C1	Sunny	Moderate	11:32	8.4	Surface					1.0	1	25.2	8.2	28.8	6.5	93.0	3.8	4.6	6.5	8.4	4.1				
											2	25.2	8.2	28.8	6.5	93.1	3.5	4.8								
	Middle					4.2	1	25.2	8.2	29.4	6.4	91.4	7.7	3.6												
							2	25.2	8.2	29.4	6.4	91.5	7.6	3.6												
	Bottom					7.4	1	25.2	8.2	30.0	6.3	90.9	13.7	4.0												
							2	25.2	8.2	30.0	6.3	90.8	14.0	3.9												
	TCE-C2	Sunny	Moderate	11:25	13.8	Surface	1.0	1	25.7	8.0	30.0	5.7	83.3	6.1	5.4	5.7	6.9	4.7								
								2	25.7	8.0	30.0	5.7	83.3	6.1	6.3											
						Middle	6.9	1	25.7	8.0	30.1	5.7	82.8	6.7	5.4											
								2	25.7	8.0	30.1	5.7	82.8	6.6	4.9											
						Bottom	12.8	1	25.8	7.9	30.2	5.7	83.6	7.8	3.2											
								2	25.8	8.0	30.2	5.7	83.5	7.9	2.9											
	TCE-WQM1	Sunny	Moderate	12:35	8.0	Surface	1.0	1	25.5	8.2	29.1	6.5	92.8	7.4	2.8	6.4	8.5	4.2								
								2	25.5	8.2	29.1	6.5	92.9	7.3	3.6											
						Middle	4.0	1	25.3	8.2	29.2	6.3	90.4	7.4	4.7											
								2	25.3	8.2	29.2	6.3	90.4	7.4	4.6											
						Bottom	7.0	1	25.3	8.2	29.2	6.3	91.1	10.7	4.8											
								2	25.3	8.2	29.2	6.3	91.0	10.8	4.7											
	TCE-WQM2a	Sunny	Moderate	12:01	6.6	Surface	1.0	1	25.3	8.2	29.0	6.2	89.2	7.6	4.5	6.2	7.9	3.7								
								2	25.3	8.2	29.0	6.2	89.2	7.6	4.3											
						Middle	3.3	1	25.3	8.2	29.0	6.2	88.8	7.8	4.0											
								2	25.3	8.2	29.0	6.2	88.8	7.7	3.4											
						Bottom	5.6	1	25.3	8.2	29.0	6.2	88.6	8.3	3.0											
								2	25.3	8.2	29.0	6.2	88.6	8.5	2.8											
	TCE-WQM2b	Sunny	Moderate	11:48	10.8	Surface	1.0	1	25.4	8.2	29.2	6.2	89.5	8.8	7.1	6.3	9.5	6.7								
								2	25.4	8.2	29.2	6.2	89.4	8.6	7.5											
						Middle	5.4	1	25.3	8.2	29.2	6.3	90.7	9.7	7.5											
								2	25.3	8.2	29.2	6.3	90.6	9.9	6.6											
						Bottom	9.8	1	25.3	8.2	29.2	6.5	92.9	10.1	5.8											
								2	25.3	8.2	29.2	6.4	92.6	10.0	5.4											
	TCE-WQM3A	Sunny	Moderate	12:13	4.3	Surface	1.0	1	25.5	8.2	29.1	6.2	88.9	8.4	6.0	6.2	8.9	5.5								
								2	25.5	8.2	29.1	6.2	89.0	8.4	5.2											
						Bottom	3.3	1	25.4	8.2	29.2	6.2	88.5	9.3	5.2											
								2	25.4	8.2	29.2	6.2	88.5	9.3	5.5											
						TCE-WQM4	Sunny	Moderate	12:24	3.2	Surface	1.0	1	25.4	8.2				29.1	6.3	90.2	7.6	4.2	6.3	7.7	3.5
												2	25.4	8.2	29.1				6.3	90.2	7.6	3.0				
	Bottom	2.2	1	25.4	8.2	29.1					6.3	90.1	7.9	3.7												
			2	25.4	8.2	29.1					6.3	90.1	7.8	3.1												