

Annex G3

Monitoring Results for Water Quality

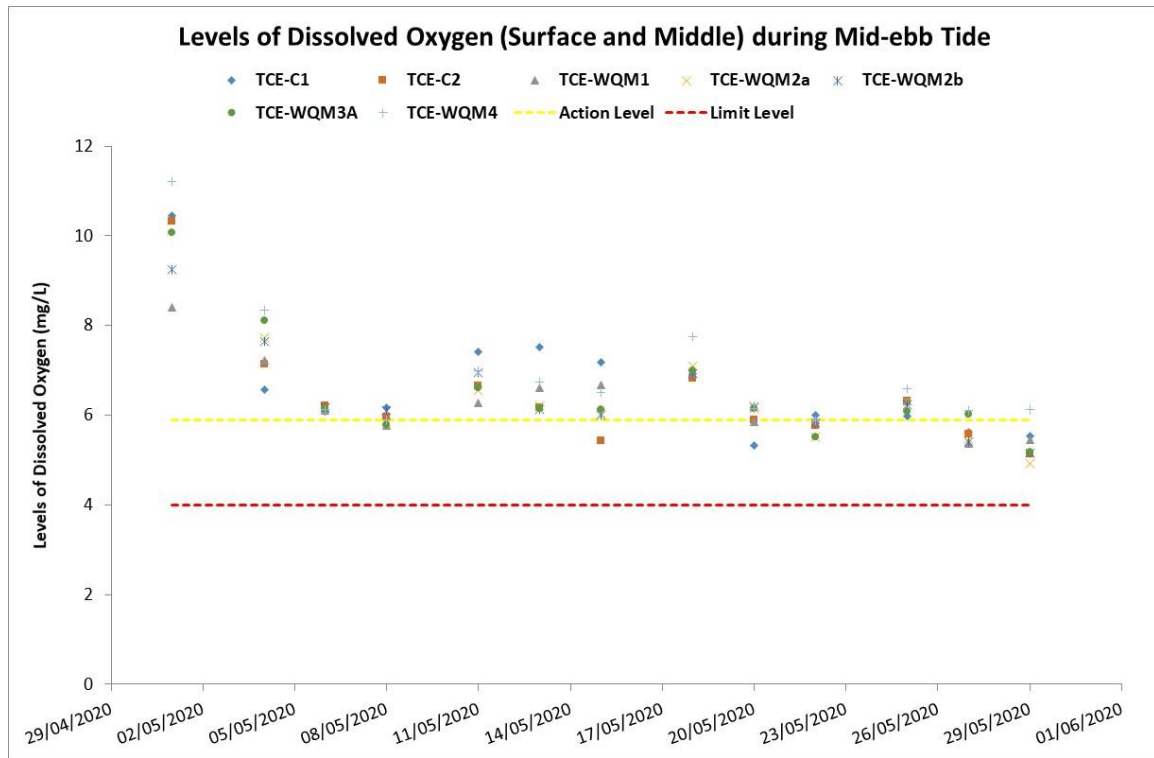


Figure 1: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 May 2020

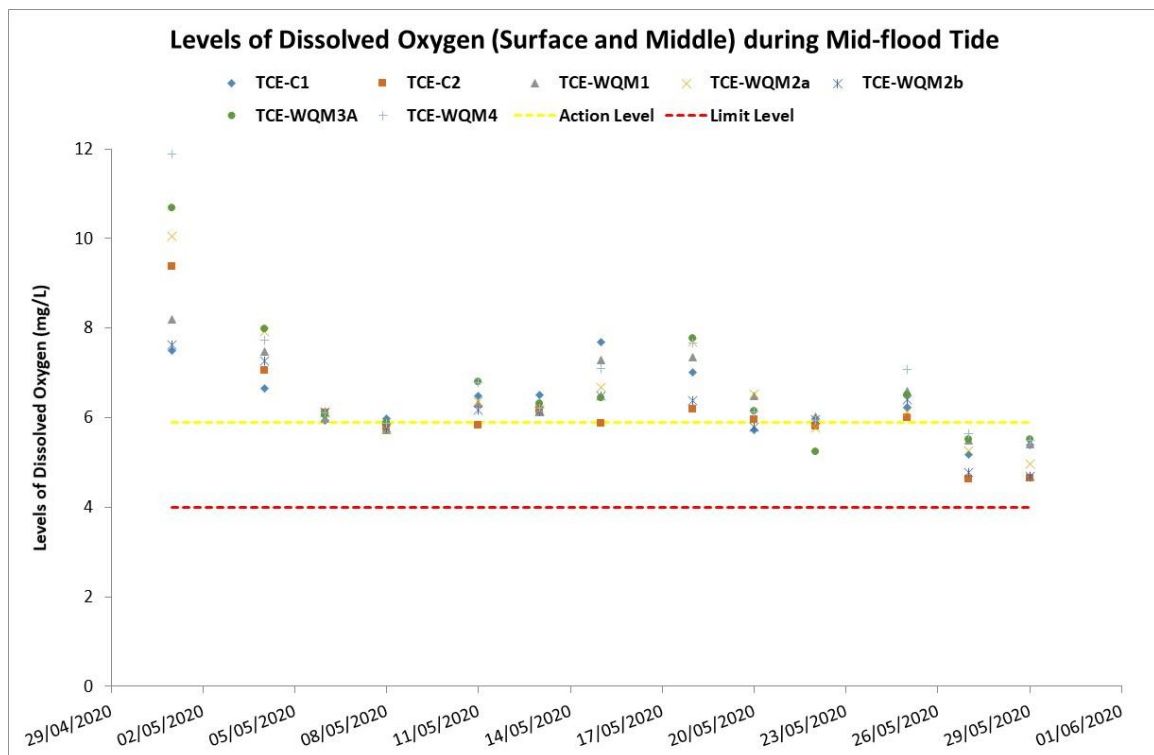


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 May 2020

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

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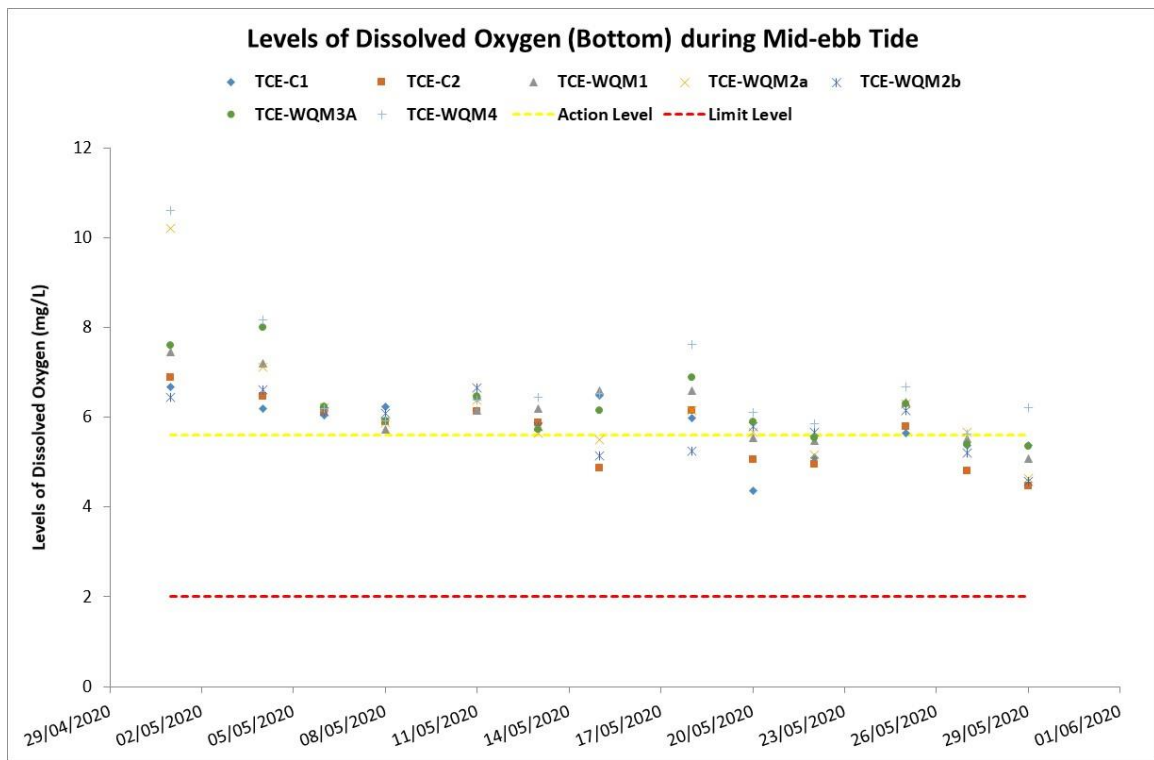


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 May 2020

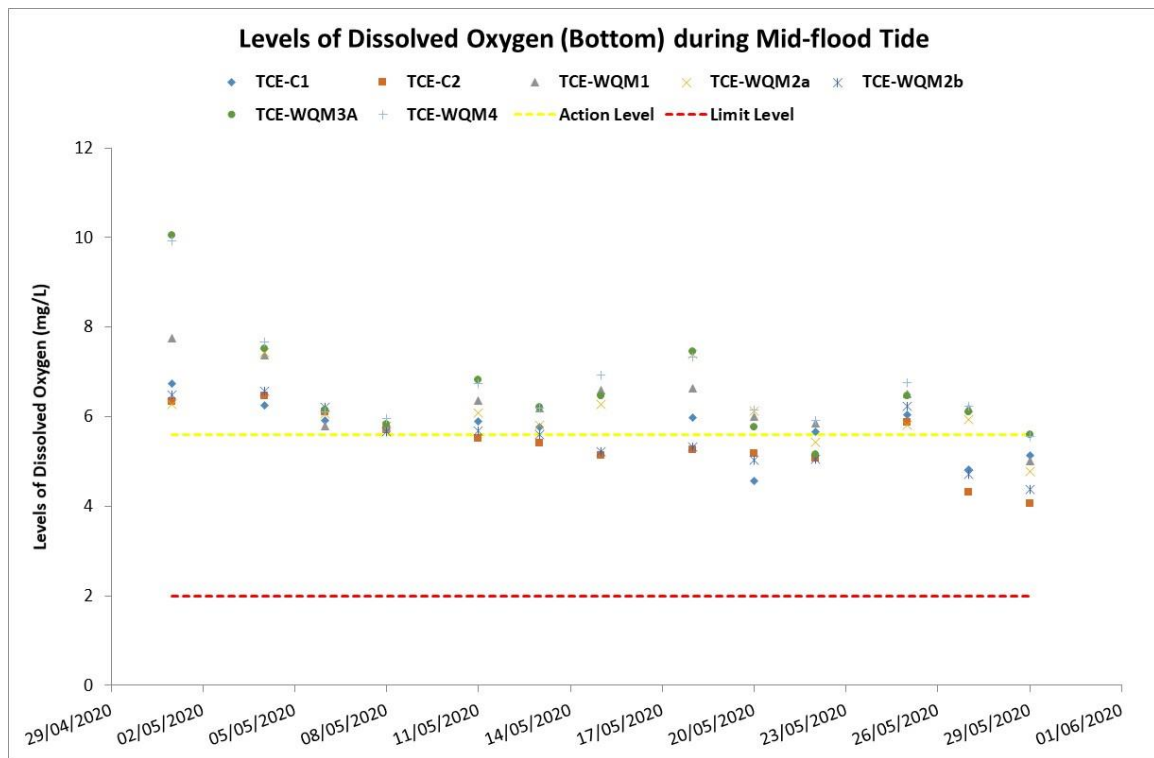


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 May 2020

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

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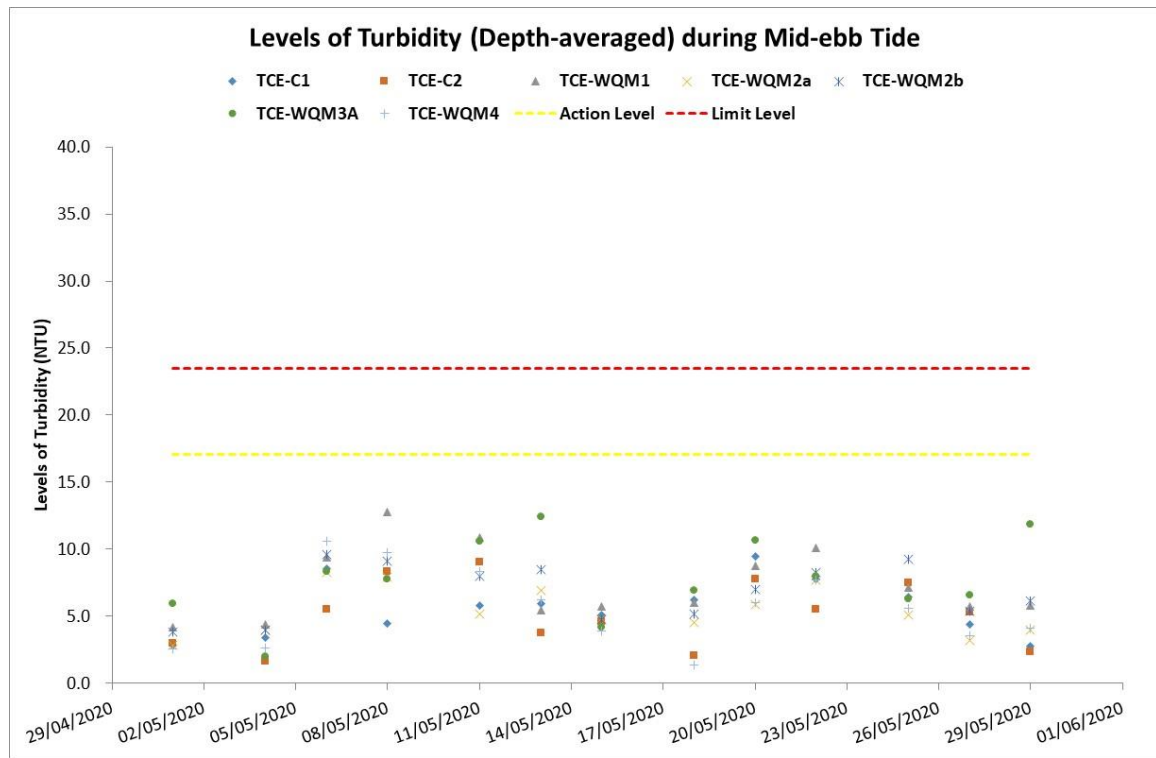


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 May 2020

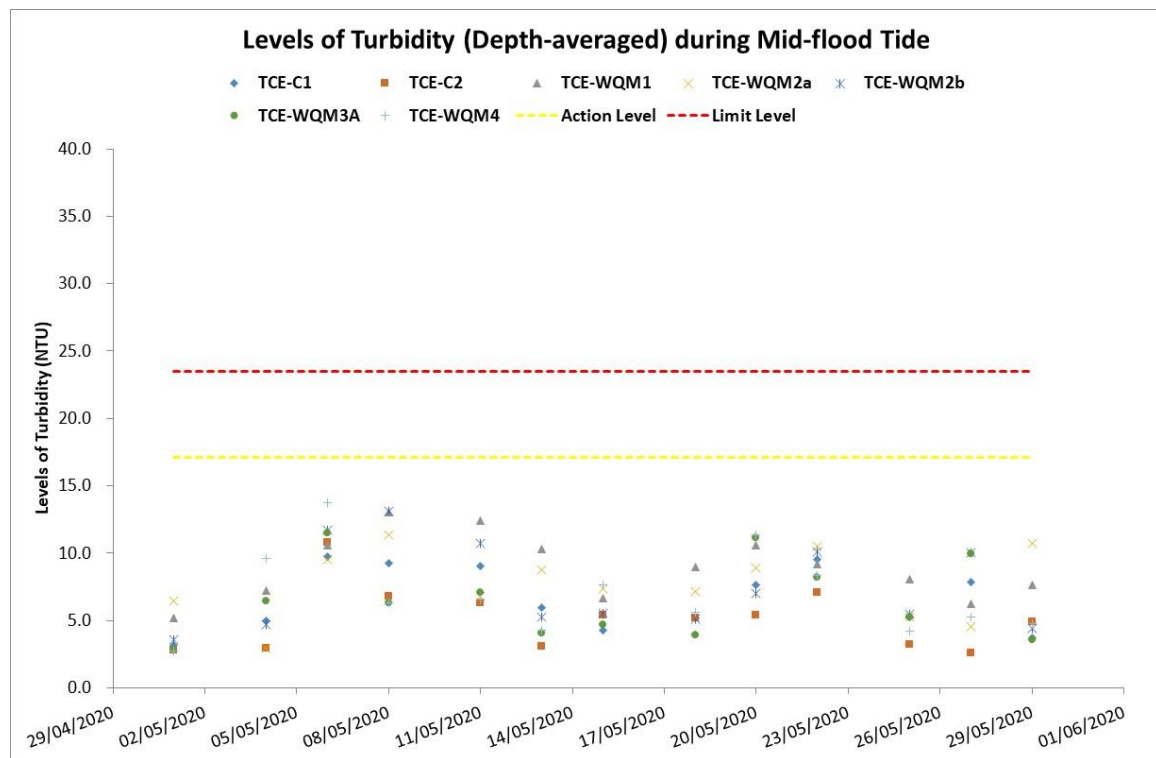


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 May 2020

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

**Environmental
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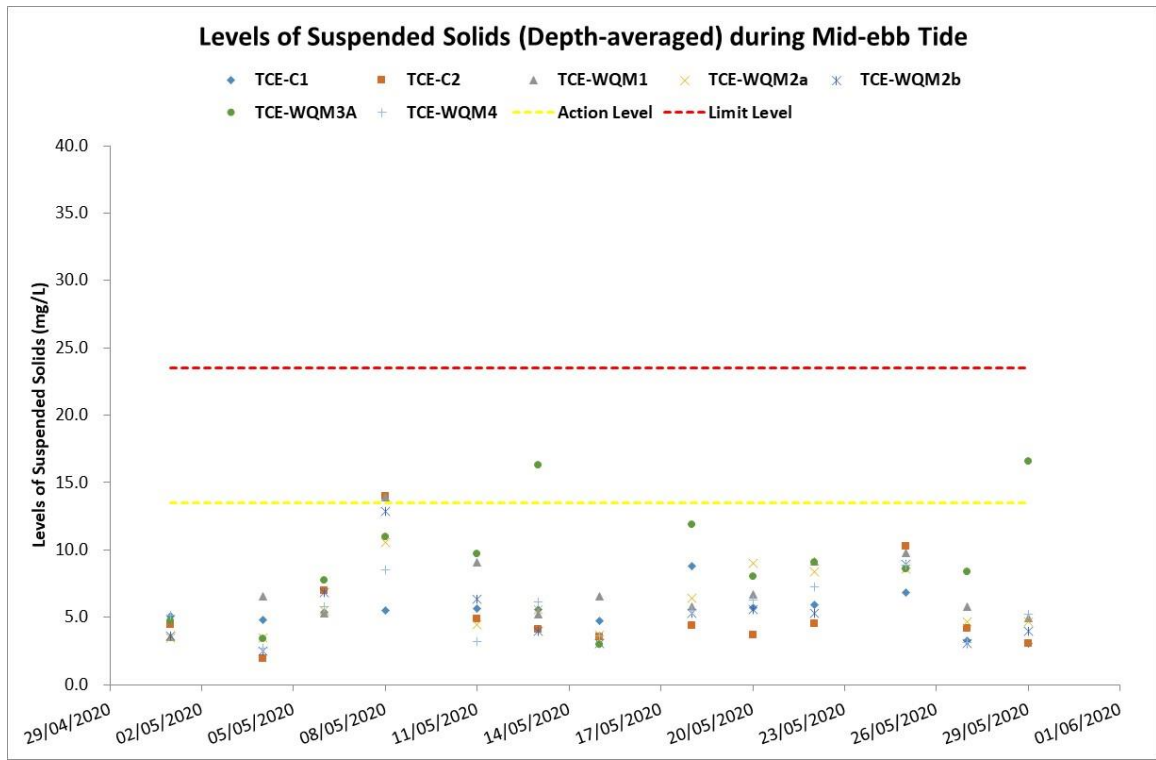


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 May 2020

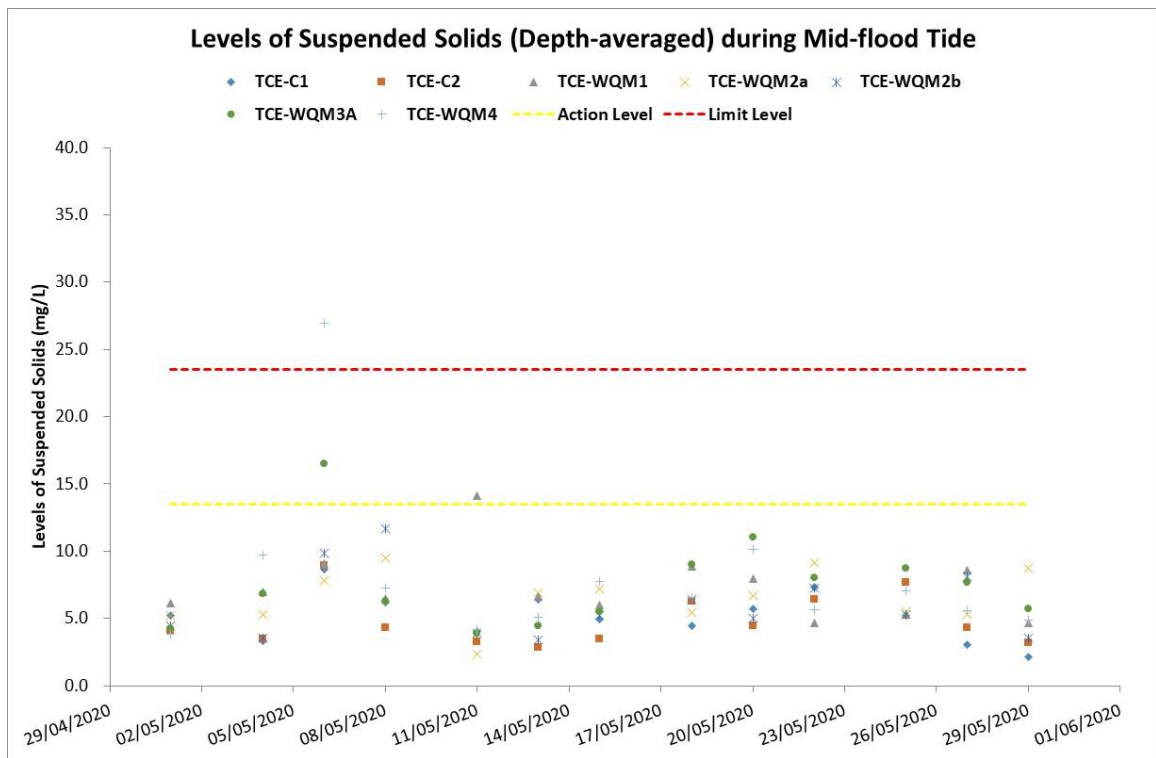


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 May 2020

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

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Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged					
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)			
04-05-20	Mid-Ebb	TCE-C1	Fine	Moderate	11:19	8.3	Surface	1.0	1	25.4	8.2	23.0	6.9	96.3	2.4	5.7	6.6	3.4	4.8			
							2	25.4	8.2	23.0	6.9	96.1	2.4	5.6								
							Middle	4.2	1	23.8	8.2	29.3	6.2	86.8	2.9	5.0						
							2	23.8	8.2	29.5	6.2	86.6	3.5	4.6								
		Bottom	7.3	1	23.7	8.2	30.1	6.2	86.8	4.8	3.9	6.2	3.4	4.8								
		2	23.7	8.2	30.1	6.2	87.1	4.7	4.1													
		TCE-C2	Fine	Moderate	9:17	12.7	Surface	1.0	1	25.2	8.2				23.7	7.8	108.2	1.1	1.1	7.1	1.6	1.9
		2					25.2	8.2	23.8	7.7	107.4				1.0	1.4						
		Middle					6.4	1	23.7	8.0	30.4	6.5	91.8	1.8	2.1							
		2					23.6	8.0	30.5	6.5	91.5	1.9	2.1									
		Bottom	11.7	1	23.6	8.0	30.7	6.5	90.9	2.1	2.4	6.5	1.6	1.9								
		2	23.6	8.0	30.7	6.5	91.0	2.1	2.4													
	TCE-WQM1	Fine	Calm	10:36	8.2	Surface	1.0	1	25.5	8.3	23.0				7.2	100.1	4.2	5.2	7.2	4.4	6.6	
	2					25.5	8.3	23.0	7.2	100.2	4.3				4.7							
	Middle					4.1	1	25.5	8.3	23.1	7.2	100.7	4.3	6.5								
	2					25.5	8.3	23.1	7.2	100.8	4.4	6.1										
	Bottom	7.2	1	25.5	8.3	23.2	7.2	100.3	4.6	8.4	7.2	4.4	6.6									
	2	25.5	8.3	23.1	7.2	100.0	4.6	8.4														
	TCE-WQM2a	Fine	Moderate	10:00	7.8	Surface	1.0	1	25.4	8.3				24.2	7.8	109.7	1.8	2.3	7.7	4.0	3.5	
	2					25.4	8.3	24.2	7.8	109.7				1.8	2.3							
	Middle					3.9	1	24.6	8.2	26.1	7.6	106.2	1.3	2.7								
	2					24.5	8.2	26.2	7.6	106.0	1.4	2.6										
	Bottom	6.8	1	24.1	8.3	28.8	7.1	99.7	7.9	5.2	7.1	4.0	2.5									
	2	24.1	8.3	28.8	7.1	99.9	9.7	5.6														
	TCE-WQM2b	Fine	Moderate	9:48	11.3	Surface	1.0	1	25.5	8.3				23.4	8.0	110.8	0.9	3.4	7.6	4.0	2.5	
	2					25.5	8.3	23.4	7.9	110.6				0.9	3.6							
	Middle					5.7	1	24.9	8.2	25.1	7.3	102.2	2.0	2.4								
	2					24.8	8.2	25.1	7.3	101.9	2.5	2.8										
	Bottom	10.3	1	23.8	8.1	29.8	6.6	92.5	8.9	1.3	6.6	2.0	3.4									
	2	23.8	8.1	29.8	6.6	92.9	8.7	1.6														
	TCE-WQM3A	Fine	Calm	10:11	4.3	Surface	1.0	1	25.8	8.3				22.5	8.1	113.2	1.8	3.0	8.1	2.0	3.4	
	2					25.7	8.3	22.6	8.1	112.7				2.0	2.7							
	Bottom					3.3	1	25.6	8.3	22.7	8.0	111.2	2.2	3.8								
	2					25.6	8.3	22.6	8.0	111.2	2.1	4.1										
	TCE-WQM4	Fine	Calm	10:22	3.5	Surface	1.0	1	26.0	8.3	23.1	8.4	117.3	1.6	2.0	8.3	2.6	2.7				
	2					26.0	8.3	23.1	8.3	117.1	1.6	2.3										
Bottom	2.5					1	25.8	8.3	23.4	8.2	114.4	3.8	3.4									
2	25.8					8.3	23.4	8.2	114.2	3.6	3.2											
04-05-20	Mid-Flood	TCE-C1	Fine	Rough	14:50	7.7	Surface	1.0	1	26.4	8.1	22.5	6.9	96.9	2.0	2.6	6.7	5.0	3.3			
							2	26.4	8.1	22.5	6.9	96.5	2.3	2.8								
							Middle	3.9	1	24.6	8.1	26.0	6.4	89.8	3.6	2.8						
							2	24.7	8.1	26.0	6.5	90.0	4.1	3.0								
							Bottom	6.7	1	24.1	8.1	29.3	6.2	87.9	8.5	4.4						
							2	24.1	8.1	29.4	6.3	88.2	9.5	4.3								
		TCE-C2	Fine	Moderate	16:45	12.4	Surface	1.0	1	25.7	8.2	24.5	7.6	106.6	1.6	2.6	7.1	3.0	3.5			
		2					25.7	8.2	24.5	7.5	106.1	1.6	2.3									
		Middle					6.2	1	23.9	8.1	29.9	6.6	92.5	2.9	3.3							
		2					23.8	8.1	30.2	6.6	92.1	3.0	3.4									
		Bottom					11.4	1	23.6	8.1	31.0	6.5	91.1	4.3	4.9							
		2					23.6	8.2	31.0	6.5	91.2	4.3	4.4									
		TCE-WQM1	Fine	Calm	15:30	7.8	Surface	1.0	1	26.8	8.3	23.1	7.5	106.4	3.9	5.7	7.5	7.2	7.0			
		2					26.8	8.3	23.1	7.5	106.5	4.2	5.7									
		Middle					3.9	1	26.1	8.3	23.2	7.5	105.1	9.3	6.5							
		2					26.1	8.3	23.2	7.5	105.0	9.4	6.5									
		Bottom					6.8	1	25.9	8.3	23.3	7.4	103.2	8.3	8.6							
		2					25.9	8.3	23.3	7.4	103.2	8.2	9.0									
		TCE-WQM2a	Fine	Moderate	16:05	7.1	Surface	1.0	1	26.7	8.3	23.4	8.0	113.6	2.7	4.4	7.9	3.0	5.3			
		2					26.7	8.3	23.4	8.0	113.6	2.7	4.6									
		Middle					3.6	1	26.3	8.3	23.5	7.9	111.0	2.2	5.3							
		2					26.3	8.3	23.5	7.9	110.9	2.3	5.4									
		Bottom					6.1	1	25.5	8.2	24.6	7.4	104.4	3.9	6.1							
		2					25.5	8.2	24.6	7.4	104.1	4.1	5.9									
	TCE-WQM2b	Fine	Moderate	16:16	11.1	Surface	1.0	1	25.9	8.2	23.0	7.4	103.5	2.1	3.0	7.3	4.7	3.6				
	2					25.9	8.2	23.0	7.4	103.5	2.2	2.6										
	Middle					5.6	1	25.2	8.2	25.3	7.1	100.0	6.8	3.8								
	2					25.1	8.2	25.4	7.1	99.8	6.9	3.4										
	Bottom					10.1	1	24.0	8.1	28.9	6.6	91.9	5.2	4.3								
	2					24.0	8.1	28.8	6.6	92.0	5.2	4.2										
	TCE-WQM3A	Fine	Calm	15:55	4.4	Surface	1.0	1	26.5	8.3	23.1	8.0	113.1	4.8	5.3	8.0	6.4	6.8				
	2					26.5	8.3	23.1	8.0	113.1	4.7	5.4										
	Bottom					3.4	1	25.8	8.2	23.9	7.5	105.7	8.2	8.1								
	2					25.8	8.2	23.9	7.5	105.5	8.2	8.4										
	TCE-WQM4	Fine	Calm	15:44	3.6	Surface	1.0	1	26.2	8.3	23.6	7.7	109.2	8.0	10.0	7.7	9.6	9.7				
	2					26.2	8.3	23.7	7.7	109.1	8.4	10.3										
	Bottom					2.6	1	26.1	8.3	23.8	7.7	108.2	11.0	9.1								
	2					26.1	8.3	23.8	7.7	108.0	11.2	9.4										

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)			
06-05-20	Mid-Ebb	TCE-C1	Cloudy	Moderate	13:20	7.7	Surface	1.0	1	25.8	8.1	25.4	6.2	88.3	5.5	4.9	6.1	8.5	5.4			
							Middle	3.9	1	25.0	8.1	26.6	5.9	83.7	9.8	5.3						
							Bottom	6.7	1	25.0	8.1	26.6	6.0	83.8	9.3	4.9						
		TCE-C2	Cloudy	Moderate	11:23	12.2	Surface	1.0	1	25.5	8.1	25.1	6.3	88.4	4.7	6.8	6.2	5.5	7.0			
							Middle	6.1	1	24.5	8.1	28.8	6.1	86.7	4.7	6.5						
							Bottom	11.2	1	24.4	8.1	29.5	6.1	86.6	6.9	7.5						
		TCE-WQM1	Cloudy	Moderate	12:42	7.9	Surface	1.0	1	26.1	8.1	24.6	6.1	86.7	9.4	4.8	6.1	9.4	5.3			
							Middle	4.0	1	26.0	8.1	24.7	6.1	86.6	9.3	5.2						
							Bottom	6.9	1	25.9	8.1	24.8	6.2	88.0	9.6	5.8						
		TCE-WQM2a	Cloudy	Moderate	12:08	7.2	Surface	1.0	1	26.0	8.1	25.0	6.2	87.4	7.5	5.3	6.2	8.3	5.5			
							Middle	3.6	1	25.5	8.1	25.7	6.2	87.2	8.0	5.2						
							Bottom	6.2	1	25.2	8.1	26.4	6.2	87.6	9.3	6.0						
		TCE-WQM2b	Cloudy	Moderate	11:57	11.6	Surface	1.0	1	26.1	8.1	22.7	6.2	87.6	5.2	6.3	6.2	9.6	6.8			
							Middle	5.8	1	25.6	8.1	24.1	6.1	85.7	11.8	7.2						
							Bottom	10.6	1	25.6	8.1	24.4	6.1	85.9	11.4	7.0						
		TCE-WQM3A	Cloudy	Moderate	12:20	3.9	Surface	1.0	1	25.9	8.1	24.3	6.2	86.8	8.6	7.1	6.2	8.4	7.8			
							Bottom	2.9	1	25.8	8.1	24.3	6.2	87.7	8.1	8.0						
		TCE-WQM4	Cloudy	Moderate	12:30	3.5	Surface	1.0	1	26.3	8.1	24.5	6.1	87.1	11.0	5.0	6.1	10.6	5.8			
							Bottom	2.5	1	26.1	8.1	24.5	6.2	87.8	10.2	6.5						
		06-05-20	Mid-Flood	TCE-C1	Cloudy	Moderate	17:11	7.9	Surface	1.0	1	25.9	8.1	25.8	6.0	84.7	8.4	8.4	5.9	9.7	8.6	
									Middle	4.0	1	25.3	8.1	26.5	5.9	83.7	9.7	8.7				
									Bottom	6.9	1	25.0	8.1	27.1	5.9	83.6	11.0	9.0				
TCE-C2	Cloudy			Moderate	18:04	12.6	Surface	1.0	1	25.7	8.1	25.0	6.1	86.6	5.8	7.7	6.1	10.8	9.0			
							Middle	6.3	1	24.8	8.1	27.8	6.1	85.6	11.7	8.6						
							Bottom	11.6	1	24.6	8.1	28.8	6.1	86.4	14.9	10.6						
TCE-WQM1	Cloudy			Moderate	16:47	7.2	Surface	1.0	1	26.6	8.1	24.7	6.0	86.3	6.7	6.5	6.0	10.6	9.1			
							Middle	3.6	1	26.5	8.1	24.9	5.9	84.5	11.7	9.3						
							Bottom	6.2	1	26.3	8.1	24.9	5.9	84.6	11.5	9.6						
TCE-WQM2a	Cloudy			Moderate	17:23	7.2	Surface	1.0	1	26.4	8.1	24.7	6.2	87.7	7.0	7.1	6.1	9.5	7.8			
							Middle	3.6	1	26.0	8.1	25.0	6.1	86.2	7.9	7.8						
							Bottom	6.2	1	25.8	8.1	25.0	6.1	86.1	7.8	8.1						
TCE-WQM2b	Cloudy			Moderate	17:33	11.4	Surface	1.0	1	26.0	8.1	24.5	6.1	86.3	8.0	8.0	6.1	11.7	9.8			
							Middle	5.7	1	25.9	8.1	24.7	6.1	86.8	11.1	9.4						
							Bottom	10.4	1	25.8	8.1	25.2	6.2	87.8	15.5	12.2						
TCE-WQM3A	Cloudy			Moderate	17:11	3.8	Surface	1.0	1	26.0	8.1	24.9	6.1	85.9	10.7	12.4	6.1	11.5	16.5			
							Bottom	2.8	1	25.9	8.1	25.1	6.1	86.9	12.1	20.2						
TCE-WQM4	Cloudy			Moderate	17:00	3.1	Surface	1.0	1	26.2	8.1	24.9	6.1	86.8	15.1	18.1	6.1	13.7	26.9			
							Bottom	2.1	1	26.1	8.1	24.9	6.1	86.9	11.7	35.9						

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged							
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)					
11-05-20	Mid-Ebb	TCE-C1	Fine	Moderate	14:05	8.0	Surface	1.0	1	25.9	8.0	28.8	7.6	110.5	5.0	4.5	7.4	5.8	5.6					
									2	25.8	8.0	28.8	7.6	110.3	5.1	4.5								
							Middle	4.0	1	25.5	8.0	29.2	7.2	103.5	5.9	5.1								
									2	25.4	8.0	29.3	7.2	103.2	6.0	5.3								
				Bottom	7.0	1	25.3	8.0	29.5	6.4	92.4	6.4	7.4	6.4										
						2	25.3	8.0	29.5	6.4	92.7	6.4	6.9											
		TCE-C2	Fine	Moderate	15:52	12.4	Surface	1.0	1	27.0	8.2	24.6	6.7				97.2	5.8	5.7	6.7	9.0	4.9		
								2	27.0	8.2	24.7	6.7	96.9				5.9	5.7						
		Middle					6.2	1	26.4	8.2	25.8	6.6	94.4	9.7	4.7									
								2	26.3	8.2	25.9	6.6	94.3	10.7	4.5									
				Bottom	11.4	1	26.3	8.2	27.1	6.1	88.3	11.2	4.1	6.1										
						2	26.3	8.2	27.1	6.1	88.4	10.9	4.4											
		TCE-WQM1	Fine	Calm	14:46	8.1	Surface	1.0	1	27.0	7.8	25.4	6.4				92.2	8.3	8.6	6.3	10.9	9.1		
								2	26.9	7.8	25.5	6.4	91.9				8.4	8.7						
		Middle					4.1	1	26.6	7.8	25.9	6.2	89.0	11.2	8.7									
								2	26.6	7.8	25.9	6.2	88.8	11.4	8.3									
				Bottom	7.1	1	26.5	7.8	26.1	6.1	88.5	13.0	10.2	6.1										
						2	26.5	7.8	26.1	6.2	88.5	13.0	10.0											
		TCE-WQM2a	Fine	Calm	15:20	7.6	Surface	1.0	1	27.1	8.2	25.4	6.7				96.6	4.8	3.4	6.6	5.2	4.5		
								2	27.1	8.2	25.4	6.7	96.6				4.8	3.3						
		Middle					3.8	1	26.7	8.2	25.8	6.5	93.2	5.2	3.6									
								2	26.7	8.2	25.9	6.4	92.8	5.2	4.0									
				Bottom	6.6	1	26.5	8.2	26.1	6.4	92.0	5.6	6.5	6.4										
						2	26.5	8.2	26.1	6.4	92.0	5.6	6.0											
		TCE-WQM2b	Fine	Moderate	15:32	11.1	Surface	1.0	1	27.6	8.1	24.0	7.2				104.3	3.6	4.6	6.9	8.0	6.3		
								2	27.5	8.1	24.1	7.2	104.3				3.8	4.3						
		Middle					5.6	1	26.8	8.1	25.1	6.7	96.4	9.3	7.2									
								2	26.8	8.2	25.1	6.7	96.3	9.4	7.0									
				Bottom	10.1	1	26.8	8.2	25.1	6.7	95.8	10.9	7.3	6.7										
						2	26.8	8.2	25.1	6.7	95.8	11.1	7.5											
		TCE-WQM3A	Fine	Calm	15:09	4.4	Surface	1.0	1	27.2	8.1	24.4	6.6				95.7	9.6	10.1	6.6	10.6	9.7		
								2	27.1	8.1	24.5	6.6	95.4				9.9	10.5						
		Bottom					3.4	1	26.9	8.1	24.7	6.4	92.8	11.8	9.0									
								2	27.0	8.1	24.6	6.5	93.4	11.1	9.3									
				TCE-WQM4	Fine	Calm	14:58	3.2	Surface	1.0	1	27.5	8.0	24.8	7.0	101.5	6.5	3.9	7.0	8.3	3.2			
										2	27.4	8.0	24.8	7.0	101.3	7.0	3.7							
		Bottom	2.2	1					27.0	7.9	24.9	6.4	92.0	9.9	2.4									
				2					27.1	7.9	24.9	6.4	92.0	10.0	2.7									
		11-05-20	Mid-Flood	TCE-C1	Cloudy	Moderate	10:06	8.1	Surface	1.0	1	26.3	8.0	28.6	7.1	103.0	6.0	5.1	6.5	9.1	4.1			
											2	26.4	8.0	28.7	7.0	102.5	6.4	4.8						
									Middle	4.1	1	24.9	8.0	30.2	5.9	84.9	9.5	3.6						
											2	24.9	8.0	30.2	5.9	84.7	9.7	4.0						
						Bottom	7.1	1	24.8	8.0	30.4	5.9	84.5	11.4	3.2	5.9								
								2	24.8	7.9	30.4	5.9	84.6	11.4	3.6									
				TCE-C2	Cloudy	Moderate	7:55	12.8	Surface	1.0	1	26.3	7.8	26.4	6.2				88.4	3.6	3.0	5.8	6.3	3.3
										2	26.3	7.8	26.4	6.1	88.3				3.8	2.7				
				Middle					6.4	1	24.4	7.9	31.1	5.5	78.7	7.5	3.1							
										2	24.4	7.9	31.1	5.5	78.7	7.4	3.3							
				Bottom	11.8	1	24.3	7.9	31.2	5.5	78.9	7.8	4.0	5.5										
						2	24.3	7.9	31.2	5.5	78.9	7.8	3.6											
TCE-WQM1	Cloudy			Calm	9:08	8.2	Surface	1.0	1	26.7	8.2	24.6	6.3				90.5	12.6	16.2	6.3	12.4	14.1		
								2	26.7	8.2	24.6	6.3	90.5				12.6	16.4						
Middle							4.1	1	26.7	8.2	24.6	6.3	90.5	12.1	14.5									
								2	26.7	8.2	24.6	6.3	90.5	12.2	14.8									
				Bottom	7.2	1	26.7	8.2	24.7	6.4	91.2	12.6	11.2	6.4										
						2	26.7	8.2	24.6	6.4	91.4	12.5	11.5											
TCE-WQM2a	Cloudy			Moderate	8:35	7.5	Surface	1.0	1	27.1	8.1	24.1	6.7				96.9	5.1	2.9	6.4	6.8	2.4		
								2	27.1	8.1	24.1	6.7	96.9				5.1	2.8						
Middle							3.8	1	25.8	8.2	27.3	6.0	85.9	6.1	2.3									
								2	25.7	8.2	27.4	6.0	85.7	6.4	2.6									
				Bottom	6.5	1	25.5	8.2	28.3	6.1	87.1	9.2	1.8	6.1										
						2	25.5	8.2	28.3	6.1	87.4	9.1	1.8											
TCE-WQM2b	Cloudy			Moderate	8:22	11.5	Surface	1.0	1	26.9	8.2	24.4	6.6				94.6	4.1	3.5	6.2	10.7	3.9		
								2	26.8	8.2	24.5	6.6	94.5				4.1	4.0						
Middle							5.8	1	25.5	8.2	28.0	5.8	82.4	13.6	3.5									
								2	25.5	8.2	28.1	5.7	82.2	13.7	3.9									
				Bottom	10.5	1	25.1	8.2	29.8	5.7	81.4	14.2	4.2	5.7										
						2	25.2	8.2	29.7	5.7	81.6	14.6	4.1											
TCE-WQM3A	Cloudy			Calm	8:46	4.1	Surface	1.0	1	27.1	8.2	23.6	6.8				97.8	6.9	3.2	6.8	7.1	3.9		
								2	27.1	8.2	23.7	6.8	97.7				7.0	2.8						
Bottom							3.1	1	27.1	8.2	23.8	6.8	98.0	7.1	4.6									
								2	27.1	8.2	23.7	6.8	98.3	7.1	5.0									
				TCE-WQM4	Cloudy	Calm	8:56	3.5	Surface	1.0	1	27.0	8.2	24.9	6.8	97.6	6.2	5.8	6.8	6.6	4.2			
										2	27.0	8.2	24.9	6.8	97.9	6.1	5.5							
Bottom	2.5			1					27.1	8.2	25.1	6.7	97.4	6.4	2.5									
				2					27.1	8.2	25.1	6.7	97.2	7.6	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)			
13-05-20	Mid-Ebb	TCE-C1	Cloudy	Moderate	15:48	7.7	Surface	1.0	1	26.8	8.3	27.7	8.0	116.3	4.2	6.4	7.5	5.9	5.6			
									2	26.8	8.3	27.8	7.9	116.2	4.2	6.4						
							Middle	3.9	1	25.1	8.3	30.4	7.1	102.1	5.4	5.7						
									2	25.0	8.3	30.5	7.1	102.0	5.7	5.3						
							Bottom	6.7	1	24.7	8.3	31.3	5.9	84.2	7.9	4.8						
									2	24.7	8.2	31.3	5.9	84.2	8.3	4.7						
		TCE-C2	Cloudy	Rough	17:44	12.8	Surface	1.0	1	26.3	8.2	26.7	6.3	89.9	3.5	4.6	6.2	3.8	4.1			
									2	26.3	8.2	26.8	6.2	89.5	3.4	4.9						
							Middle	6.4	1	26.0	8.2	27.3	6.1	87.8	3.7	3.9						
									2	26.0	8.2	27.4	6.1	87.8	3.7	4.3						
							Bottom	11.8	1	25.5	8.3	28.7	5.9	84.0	4.1	3.5						
									2	25.5	8.3	28.7	5.9	84.6	4.2	3.2						
		TCE-WQM1	Cloudy	Moderate	16:38	7.6	Surface	1.0	1	27.1	8.0	25.4	6.8	98.0	4.0	4.2	6.6	5.5	5.3			
									2	27.1	8.0	25.5	6.8	97.9	4.1	4.4						
							Middle	3.8	1	26.8	8.0	26.2	6.5	93.6	5.9	5.2						
									2	26.8	8.0	26.2	6.5	93.5	6.0	4.9						
							Bottom	6.6	1	26.1	8.0	27.8	6.2	89.3	6.5	6.5						
									2	26.2	8.0	27.6	6.2	89.7	6.3	6.3						
		TCE-WQM2a	Cloudy	Moderate	17:10	7.9	Surface	1.0	1	26.9	8.1	25.5	6.5	93.2	5.6	6.6	6.2	6.9	5.6			
									2	26.9	8.1	25.5	6.5	93.2	5.6	6.6						
							Middle	4.0	1	26.5	8.1	26.5	6.0	86.4	7.0	5.0						
									2	26.5	8.1	26.4	6.0	86.4	7.1	5.4						
							Bottom	6.9	1	25.4	8.1	29.2	5.6	80.9	7.9	4.8						
									2	25.4	8.1	29.2	5.6	81.1	8.3	5.2						
		TCE-WQM2b	Cloudy	Rough	17:21	10.5	Surface	1.0	1	26.8	8.1	25.5	6.4	92.4	3.6	3.3	6.1	8.5	4.0			
									2	26.8	8.1	25.5	6.4	92.3	3.8	3.6						
							Middle	5.3	1	26.2	8.1	26.7	5.9	84.1	8.6	3.6						
									2	26.2	8.1	26.7	5.8	83.9	9.3	3.9						
							Bottom	9.5	1	26.0	8.1	27.2	5.8	83.1	12.7	4.5						
									2	26.0	8.1	27.2	5.8	83.1	12.8	4.8						
		TCE-WQM3A	Cloudy	Calm	17:00	4.5	Surface	1.0	1	27.0	8.0	25.2	6.1	88.7	12.8	13.6	6.1	12.4	16.3			
									2	26.9	8.0	25.3	6.2	88.8	12.9	13.9						
							Bottom	3.5	1	26.4	8.1	26.2	5.7	82.5	12.0	18.7						
									2	26.4	8.1	26.2	5.7	82.5	12.1	18.9						
							Surface	1.0	1	27.4	8.0	25.0	6.7	97.9	5.7	6.2				6.7	6.2	6.1
									2	27.4	8.0	25.0	6.7	97.7	5.9	6.3						
		Bottom	2.8	1	27.3	8.0	25.1	6.4	93.4	6.8	5.9											
				2	27.3	8.0	25.1	6.5	93.7	6.6	6.1											
		Surface	1.0	1	26.4	8.0	27.1	7.0	100.9	4.7	5.3	6.5	6.0	6.4								
				2	26.4	8.0	27.1	7.0	100.6	4.8	5.1											
		Middle	4.1	1	25.0	8.0	30.4	6.1	87.1	5.7	5.9											
				2	25.0	8.0	30.4	6.1	87.0	5.8	6.2											
		Bottom	7.1	1	24.7	8.0	31.1	5.8	82.6	7.3	8.1											
				2	24.7	8.0	31.1	5.8	82.9	7.4	7.7											
		TCE-C2	Cloudy	Moderate	9:00	13.1	Surface	1.0	1	26.7	8.0	25.1	6.5	93.4	2.3	3.5	6.2	3.1	2.9			
									2	26.6	8.0	25.3	6.5	93.3	2.3	3.4						
							Middle	6.6	1	26.2	8.0	26.7	5.9	84.4	3.0	2.9						
									2	26.2	8.0	26.7	5.9	84.1	3.1	2.6						
Bottom	12.1						1	24.8	8.0	30.4	5.4	77.3	3.9	2.5								
							2	24.8	8.0	30.4	5.4	77.6	3.9	2.3								
TCE-WQM1	Cloudy	Calm	10:20	8.2	Surface	1.0	1	27.0	8.3	24.9	6.2	88.9	6.9	5.3	6.1	10.3	6.6					
							2	27.0	8.3	24.9	6.2	88.8	7.2	5.0								
					Middle	4.1	1	27.0	8.3	25.0	6.1	88.2	11.2	6.1								
							2	27.0	8.3	25.0	6.1	88.2	11.5	6.0								
					Bottom	7.2	1	27.0	8.3	25.0	6.2	89.3	12.8	8.5								
							2	27.0	8.3	25.0	6.2	89.4	12.2	8.8								
TCE-WQM2a	Cloudy	Moderate	9:42	7.6	Surface	1.0	1	27.1	8.1	24.8	6.3	90.3	5.5	4.9	6.2	8.7	6.9					
							2	27.1	8.1	24.8	6.3	90.3	5.5	4.7								
					Middle	3.8	1	26.9	8.1	25.3	6.1	88.1	9.2	7.6								
							2	26.8	8.1	25.3	6.1	88.3	9.9	7.4								
					Bottom	6.6	1	26.5	8.0	27.2	5.8	84.1	11.2	8.2								
							2	26.7	8.0	27.1	5.8	84.7	11.2	8.5								
TCE-WQM2b	Cloudy	Moderate	9:30	11.2	Surface	1.0	1	27.3	8.1	22.8	6.7	95.5	2.8	2.6	6.2	5.2	3.4					
							2	27.3	8.1	22.8	6.7	95.4	2.7	2.3								
					Middle	5.6	1	25.3	8.2	27.3	5.8	81.9	4.7	3.5								
							2	25.2	8.2	27.4	5.6	78.8	4.9	3.3								
					Bottom	10.2	1	24.7	8.2	30.7	5.6	80.1	8.2	4.4								
							2	24.7	8.2	30.7	5.6	80.4	8.1	4.3								
TCE-WQM3A	Cloudy	Calm	9:55	4.1	Surface	1.0	1	27.1	8.2	24.3	6.3	91.3	3.7	4.6	6.3	4.1	4.4					
							2	27.1	8.2	24.4	6.3	91.0	3.7	4.9								
					Bottom	3.1	1	27.2	8.2	24.7	6.2	90.1	4.3	4.2								
							2	27.3	8.2	24.7	6.2	90.1	4.5	4.0								
					Surface	1.0	1	27.1	8.2	25.0	6.2	89.9	3.9	5.2				6.2	4.3	5.1		
							2	27.0	8.2	25.1	6.2	89.5	4.1	5.5								
Bottom	2.4	1	26.9	8.2	25.3	6.2	89.3	4.5	4.7													
		2	26.9	8.2	25.3	6.2	89.4	4.5	4.9													

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)								
15-05-20	Mid-Ebb	TCE-C1	Fine	Moderate	9:35	7.7	Surface	1.0	1	26.4	8.1	26.7	7.5	108.1	3.9	4.1	7.2	5.1	4.7								
									2	26.4	8.1	26.8	7.5	107.7	3.9	4.4											
							Middle	3.9	1	25.8	8.2	28.4	6.9	99.7	4.0	4.8											
									2	25.8	8.2	28.4	6.9	99.5	4.2	4.5											
				Bottom	6.7	1	25.6	8.2	29.3	6.5	93.8	7.0	5.4	6.5													
						2	25.6	8.2	29.3	6.5	93.8	7.4	5.2														
		TCE-C2	Fine	Moderate	7:44	13.9	Surface	1.0	1	25.7	7.8	28.7	5.9				85.2	3.1	3.4	5.4	4.6	3.5					
									2	25.7	7.8	28.7	5.9				84.6	3.1	3.2								
							Middle	7.0	1	24.6	7.9	30.9	5.0	71.1	3.7	3.3											
						2	24.6	7.9	31.0	4.9	70.7	4.1	3.5	4.9													
				Bottom	12.9	1	24.6	7.9	31.1	4.9	69.9	6.7	3.7														
						2	24.6	7.9	31.1	4.9	69.8	7.0	4.1														
		TCE-WQM1	Fine	Moderate	8:54	8.0	Surface	1.0	1	26.4	8.3	27.2	6.8	97.7	5.0	7.0	6.7	5.7	6.6								
									2	26.4	8.3	27.2	6.7	97.2	5.2	7.3											
							Middle	4.0	1	26.3	8.3	27.4	6.6	95.9	5.7	6.6											
									2	26.3	8.3	27.4	6.6	95.6	5.9	6.7											
									Bottom	7.0	1	26.3	8.3	27.4	6.6	95.3				6.3	6.0	6.6					
											2	26.3	8.3	27.4	6.6	95.3				6.4	5.9						
							TCE-WQM2a	Fine	Calm	8:23	7.0	Surface	1.0	1	25.9	8.1				27.8	6.2				89.3	3.1	3.2
														2	25.9	8.1				27.8	6.2	89.3	3.1	3.1			
												Middle	3.5	1	25.7	8.1				28.4	5.9	84.6	4.2	3.8			
											2	25.6	8.1	28.6	5.9	84.6				4.5	3.5	5.5					
									Bottom	6.0	1	25.3	8.1	29.5	5.5	78.8				6.9	4.5						
											2	25.3	8.1	29.5	5.5	79.4				7.2	4.0						
		TCE-WQM2b	Fine	Moderate	8:11	11.0	Surface	1.0	1	26.1	8.2	27.5	6.3	90.8	3.5	3.3	6.0	4.7	3.1								
									2	26.0	8.2	27.6	6.3	90.5	3.6	3.4											
							Middle	5.5	1	25.8	8.2	28.2	5.7	82.3	3.8	3.3											
									2	25.8	8.2	28.2	5.7	82.2	4.1	3.1											
									Bottom	10.0	1	25.0	8.2	30.2	5.1	73.6				6.6	2.7	5.1					
											2	25.0	8.2	30.2	5.2	74.1				6.8	2.5						
		TCE-WQM3A	Fine	Calm	8:33	3.2	Surface	1.0	1	26.1	8.2	27.4	6.1	88.4	4.1	2.9	6.1	4.2	3.0								
									2	26.1	8.2	27.4	6.1	88.2	4.1	2.6											
							Bottom	2.2	1	26.0	8.2	27.5	6.1	88.3	4.3	2.9											
						2	26.0	8.2	27.5	6.2	88.8	4.3	3.4	6.5	3.9	3.6											
		TCE-WQM4	Fine	Calm	8:43	3.2	Surface	1.0	1	26.3	8.3	27.1	6.5				93.9	3.9	3.5								
									2	26.3	8.3	27.1	6.5				93.9	4.0	3.1								
							Bottom	2.2	1	26.3	8.4	27.1	6.5	94.1	3.9	3.8											
						2	26.3	8.4	27.0	6.5	94.4	3.9	4.0	6.5													
		15-05-20	Mid-Flood	TCE-C1	Fine	Moderate	11:06	8.0	Surface	1.0	1	27.3	7.9				24.4	8.0	115.8	3.1	5.9	7.7	4.2	5.0			
											2	27.3	7.9				24.4	8.0	115.8	3.1	6.2						
									Middle	4.0	1	26.0	7.9	28.1	7.4	106.9	4.3	5.4									
											2	25.9	7.9	28.4	7.3	105.8	4.5	5.5									
						Bottom	7.0	1	25.7	7.9	29.3	6.5	94.1	5.3	3.3	6.5											
								2	25.7	7.9	29.3	6.5	94.5	5.2	3.5												
				TCE-C2	Fine	Moderate	12:58	13.9	Surface	1.0	1	26.0	7.9	28.5	6.7				96.8	3.9	3.9	5.9	5.4	3.5			
											2	25.9	7.9	28.7	6.6	96.0	4.1	4.1									
									Middle	7.0	1	24.8	7.9	30.8	5.1	72.9	5.9	3.4									
								2	24.7	7.9	30.8	5.1	72.7	6.2	3.2	5.1											
				Bottom	12.9	1	24.6	7.9	31.2	5.1	73.5	6.0	3.1														
						2	24.6	7.9	31.3	5.1	73.6	6.4	3.1														
TCE-WQM1	Fine	Calm	11:49	8.4	Surface	1.0	1	26.8	7.9	26.4	7.7	111.2	4.1	5.0	7.3	6.6	6.0										
							2	26.7	7.9	26.5	7.7	110.8	4.3	5.3													
					Middle	4.2	1	26.4	7.9	27.4	6.9	100.1	6.1	5.9													
							2	26.4	7.9	27.4	6.9	100.2	6.4	5.8													
							Bottom	7.4	1	26.4	7.9	27.5	6.6	95.3				9.3	6.9	6.6							
									2	26.4	7.9	27.5	6.6	95.4				9.5	7.2								
TCE-WQM2a	Fine	Moderate	12:21	7.5	Surface	1.0	1	26.8	7.9	27.3	6.8	99.2	5.7	6.3	6.7	7.3	7.2										
							2	26.8	7.9	27.3	6.8	99.2	5.7	5.9													
					Middle	3.8	1	26.3	7.9	27.6	6.5	94.5	7.7	7.3													
							2	26.3	7.9	27.7	6.5	94.4	7.9	7.0													
							Bottom	6.5	1	26.1	7.9	27.8	6.3	90.4				8.5	8.4	6.3							
									2	26.1	7.9	27.8	6.3	90.6				8.5	8.0								
TCE-WQM2b	Fine	Moderate	12:32	11.6	Surface	1.0	1	26.8	7.9	24.8	7.1	101.4	4.0	6.2	6.5	5.5	5.2										
							2	26.6	7.9	24.9	7.1	100.9	4.1	6.5													
					Middle	5.8	1	26.0	7.9	27.9	5.9	85.4	4.6	5.4													
							2	26.0	7.9	28.0	5.9	85.3	4.6	5.0													
							Bottom	10.6	1	25.2	7.9	29.8	5.2	75.0				7.9	4.0	5.2							
									2	25.2	7.9	29.8	5.2	75.1				7.9	4.3								
TCE-WQM3A	Fine	Calm	12:11	3.1	Surface	1.0	1	26.3	7.9	27.6	6.5	93.3	4.7	6.1	6.5	4.7	5.5										
							2	26.3	7.9	27.6	6.5	93.4	4.7	6.4													
					Bottom	2.1	1	26.3	7.9	27.6	6.5	93.5	4.8	4.5													
							2	26.3	7.9	27.6	6.5	93.5	4.8	4.9													
TCE-WQM4	Fine	Calm	12:01	3.2	Surface	1.0	1	26.8	7.9	27.3	7.1	103.7	6.5	9.4	7.1	7.7	7.8										
							2	26.8	7.9	27.3	7.1	103.2	6.9	9.3													
					Bottom	2.2	1	26.7	7.9	27.4	6.9	101.1	8.8	6.2													
							2	26.7	7.9	27.4	6.9	100.6	8.5	6.1													

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)								
18-05-20	Mid-Ebb	TCE-C1	Rainy	Moderate	12:42	8.5	Surface	1.0	1	28.0	8.2	20.4	7.3	104.7	2.7	8.2	6.9	6.2	8.8								
									2	28.0	8.2	20.4	7.3	104.5	2.8	7.9											
							Middle	4.3	1	27.4	8.1	24.6	6.5	94.8	5.9	8.6											
									2	27.4	8.1	24.6	6.5	94.5	6.1	8.9											
							Bottom	7.5	1	26.1	8.1	30.2	6.0	87.4	10.0	9.4											
									2	26.1	8.1	30.2	6.0	87.6	9.8	9.7											
		TCE-C2	Rainy	Moderate	10:09	12.9	Surface	1.0	1	27.9	8.2	23.5	7.5	108.4	0.6	4.2	6.8	2.1	4.4								
									2	27.9	8.2	23.5	7.4	108.0	0.6	3.9											
							Middle	6.5	1	26.8	8.2	27.6	6.2	90.3	1.7	4.3											
									2	26.8	8.2	27.6	6.2	90.3	1.7	4.4											
							Bottom	11.9	1	25.5	8.1	31.5	6.1	89.4	4.0	4.6											
									2	25.5	8.1	31.4	6.2	89.6	3.9	4.9											
		TCE-WQM1	Rainy	Calm	11:43	8.8	Surface	1.0	1	28.1	8.1	22.2	7.1	102.2	4.1	6.7	6.9	6.0	5.8								
									2	28.1	8.1	22.2	7.1	102.1	4.1	6.4											
							Middle	4.4	1	27.9	8.1	24.9	6.8	99.5	6.1	6.0											
									2	27.9	8.1	24.9	6.8	99.5	6.2	5.6											
							Bottom	7.8	1	27.7	8.0	25.5	6.6	96.4	7.9	4.9											
									2	27.7	8.0	25.4	6.6	96.5	7.8	5.3											
		TCE-WQM2a	Rainy	Moderate	11:08	7.4	Surface	1.0	1	27.7	8.1	24.5	7.2	105.1	3.3	5.3	7.1	4.5	6.4								
									2	27.7	8.1	24.5	7.2	105.1	3.3	5.7											
							Middle	3.7	1	27.6	8.0	25.7	7.0	102.3	4.8	5.8											
									2	27.6	8.0	25.7	7.0	102.3	4.8	6.1											
							Bottom	6.4	1	26.5	8.0	28.6	6.1	89.6	5.5	7.6											
									2	26.4	8.0	28.6	6.2	89.8	5.5	7.8											
		TCE-WQM2b	Rainy	Moderate	10:53	12.1	Surface	1.0	1	28.1	8.0	19.8	7.2	102.9	2.4	4.6	6.9	5.2	5.3								
									2	28.1	8.0	19.8	7.2	102.8	2.4	4.5											
							Middle	6.1	1	27.9	8.0	21.7	6.7	96.0	3.2	5.0											
									2	27.9	8.0	21.7	6.7	95.9	3.2	5.4											
							Bottom	11.1	1	25.6	8.1	30.5	5.2	76.2	9.9	6.2											
									2	25.6	8.1	31.2	5.2	76.3	9.9	5.9											
		TCE-WQM3A	Rainy	Calm	11:20	4.1	Surface	1.0	1	28.3	8.0	24.2	7.0	102.7	6.7	10.6	7.0	6.9	11.9								
									2	28.3	8.0	24.2	7.0	102.6	6.8	10.8											
							Bottom	3.1	1	28.1	8.0	24.6	6.9	101.0	7.0	13.2											
									2	28.1	8.0	24.6	6.9	100.8	7.1	12.9											
							TCE-WQM4	Rainy	Calm	11:31	3.3	Surface	1.0	1	28.1	8.1				22.3	7.7	112.2	1.6	6.0	7.7	1.4	5.5
													2	28.1	8.1	22.3				7.7	112.2	1.6	5.6				
		Bottom	2.3	1	28.0	8.1	23.0					7.6	110.9	1.2	5.3												
				2	28.0	8.1	23.0					7.6	110.6	1.2	5.2												
		TCE-C1	Rainy	Moderate	14:56	8.5	Surface					1.0	1	27.8	8.2	20.3	7.4	105.9	2.5	5.2	7.0	5.2	4.4				
												2	27.8	8.2	20.3	7.4	105.7	2.5	5.1								
		Middle					4.3	1	27.3	8.2	23.9	6.6	95.4	4.5	4.3												
								2	27.3	8.2	23.9	6.6	95.4	4.5	4.0												
		Bottom					7.5	1	26.5	8.2	28.9	6.0	87.5	8.5	4.1												
								2	26.5	8.2	28.9	6.0	87.6	8.5	3.8												
		TCE-C2	Rainy	Moderate	16:47	13.3	Surface	1.0	1	27.5	8.1	23.7	7.1	102.2	2.2	5.6	6.2	5.2	6.3								
									2	27.5	8.1	23.7	7.1	102.0	2.2	6.0											
							Middle	6.7	1	25.6	8.2	31.0	5.3	77.4	5.0	5.9											
									2	25.6	8.2	31.0	5.3	77.4	5.1	6.4											
Bottom	12.3						1	25.4	8.2	31.8	5.3	76.7	8.4	6.7													
							2	25.4	8.2	31.8	5.3	76.7	8.4	6.9													
TCE-WQM1	Rainy	Calm	15:34	8.6	Surface	1.0	1	28.2	8.1	23.2	7.4	108.5	6.7	10.4	7.3	9.0	8.9										
							2	28.2	8.1	23.2	7.4	108.4	6.8	10.6													
					Middle	4.3	1	28.1	8.1	23.8	7.3	106.0	9.0	9.6													
							2	28.1	8.1	23.8	7.2	105.8	9.0	9.8													
					Bottom	7.6	1	27.8	8.0	25.0	6.6	96.9	11.2	6.5													
							2	27.8	8.0	25.0	6.6	97.0	11.2	6.2													
TCE-WQM2a	Rainy	Moderate	16:08	7.3	Surface	1.0	1	28.2	8.1	22.4	7.8	113.1	4.2	4.3	7.7	7.1	5.4										
							2	28.2	8.1	22.4	7.8	113.1	4.2	4.2													
					Middle	3.7	1	27.9	8.1	23.8	7.6	110.3	8.2	5.6													
							2	27.9	8.1	23.8	7.6	110.4	8.3	5.9													
					Bottom	6.3	1	27.9	8.1	24.2	7.4	107.7	9.0	6.2													
							2	27.9	8.1	24.2	7.4	107.7	8.9	6.4													
TCE-WQM2b	Rainy	Moderate	16:20	12.2	Surface	1.0	1	27.8	8.1	22.8	6.9	100.2	2.5	7.5	6.4	5.1	6.4										
							2	27.8	8.1	22.8	6.9	100.0	2.5	7.9													
					Middle	6.1	1	27.0	8.1	26.1	5.8	84.7	4.3	6.6													
							2	27.0	8.1	26.1	5.8	84.6	4.3	6.3													
					Bottom	11.2	1	25.8	8.2	30.3	5.3	77.4	8.4	4.8													
							2	25.8	8.2	30.3	5.3	77.5	8.6	5.2													
TCE-WQM3A	Rainy	Calm	15:57	3.9	Surface	1.0	1	28.1	8.1	23.3	7.8	113.4	3.2	8.8	7.8	3.9	9.0										
							2	28.1	8.1	23.3	7.8	113.2	3.2	8.5													
					Bottom	2.9	1	28.2	8.1	23.8	7.5	109.0	4.7	9.2													
							2	28.2	8.1	23.8	7.5	108.9	4.6	9.5													
					TCE-WQM4	Rainy	Calm	15:47	3.1	Surface	1.0	1	28.0	8.1				23.3	7.7	111.5	4.3	5.8	7.7	5.6	6.6		
											2	28.0	8.1	23.3				7.7	111.4	4.2	5.9						
Bottom	2.1	1	27.9	8.1	23.9					7.3	106.8	7.0	7.1														
		2	27.9	8.1	23.9					7.3	106.6	7.0	7.4														

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)					
20-05-20	Mid-Ebb	TCE-C1	Cloudy	Moderate	12:50	8.1	Surface	1.0	1	27.8	8.2	22.1	6.3	90.8	5.6	5.1	5.3	9.5	5.7					
									2	27.8	8.2	22.1	6.1	87.4	5.8	5.5								
							Middle	4.1	1	26.0	8.1	28.4	4.5	64.6	8.3	5.8								
									2	25.9	8.1	28.6	4.5	64.4	8.7	5.5								
				Bottom	7.1	1	25.5	8.1	30.0	4.4	63.2	14.4	6.0	4.4										
						2	25.5	8.1	30.0	4.4	63.3	14.1	6.3											
		TCE-C2	Cloudy	Moderate	10:42	13.1	Surface	1.0	1	27.5	8.1	24.3	6.4				93.3	3.4	3.1	5.9	7.8	3.7		
									2	27.5	8.1	24.4	6.4				92.8	3.3	2.9					
							Middle	6.6	1	25.9	8.0	28.8	5.4	77.8	5.7	3.6								
									2	25.8	8.0	29.0	5.4	77.7	6.7	3.9								
				Bottom	12.1	1	25.5	8.0	30.1	5.1	73.3	14.0	4.4	5.1										
						2	25.5	8.0	30.1	5.1	73.4	13.7	4.1											
		TCE-WQM1	Cloudy	Calm	11:57	8.3	Surface	1.0	1	27.8	8.1	21.8	6.1				87.8	6.9	7.6	5.9	8.7	6.7		
									2	27.8	8.1	21.9	6.1				87.7	6.9	7.2					
							Middle	4.2	1	27.6	8.1	23.1	5.6	81.0	8.8	6.9								
									2	27.6	8.1	23.2	5.6	80.7	8.9	6.6								
				Bottom	7.3	1	27.5	8.1	23.7	5.5	80.0	10.4	5.8	5.5										
						2	27.5	8.1	23.7	5.6	80.1	10.6	6.2											
		TCE-WQM2a	Cloudy	Moderate	11:24	7.5	Surface	1.0	1	27.7	8.1	24.1	6.4				92.5	6.3	9.8	6.2	5.9	9.0		
									2	27.7	8.1	24.1	6.4				92.5	6.3	9.6					
							Middle	3.8	1	26.7	8.1	25.3	5.9	85.3	6.6	9.4								
									2	26.6	8.1	25.4	5.9	85.2	6.3	9.1								
				Bottom	6.5	1	26.1	8.1	28.2	5.7	81.9	4.8	7.9	5.7										
						2	26.1	8.1	28.2	5.7	82.2	4.9	8.2											
		TCE-WQM2b	Cloudy	Moderate	11:12	11.4	Surface	1.0	1	27.8	8.1	21.6	6.4				92.2	5.0	5.0	6.2	7.0	5.6		
									2	27.7	8.1	21.6	6.4				92.2	5.0	4.8					
							Middle	5.7	1	27.1	8.1	24.8	6.0	85.8	5.9	5.3								
									2	27.0	8.1	24.9	5.9	85.4	6.4	5.4								
				Bottom	10.4	1	26.8	8.1	25.8	5.8	83.6	10.0	6.4	5.8										
						2	26.8	8.1	25.7	5.8	83.9	9.8	6.7											
		TCE-WQM3A	Cloudy	Calm	11:35	4.1	Surface	1.0	1	27.7	8.1	23.4	6.1				88.9	8.7	7.5	6.1	10.7	8.0		
									2	27.6	8.1	23.5	6.2				88.9	9.1	7.8					
							Bottom	3.1	1	27.3	8.1	24.0	5.9	84.9	12.4	8.6								
									2	27.3	8.1	23.9	5.9	85.2	12.4	8.2								
		TCE-WQM4	Cloudy	Calm	11:45	3.6	Surface	1.0	1	28.0	8.1	23.1	6.2	89.4	5.8	5.8	6.1	6.0	6.3					
									2	28.0	8.1	23.1	6.1	89.3	5.8	6.0								
							Bottom	2.6	1	27.9	8.1	23.3	6.1	88.7	6.2	6.5								
									2	27.9	8.1	23.3	6.1	88.9	6.2	6.8								
		20-05-20	Mid-Flood	TCE-C1	Cloudy	Moderate	16:30	7.7	Surface	1.0	1	27.7	8.1	22.7	6.6	94.4	5.6	5.0	5.7	7.6	5.7			
											2	27.7	8.1	22.7	6.5	94.3	5.6	5.1						
									Middle	3.9	1	26.3	8.0	27.1	4.9	70.4	7.8	5.9						
											2	26.3	8.0	27.0	4.9	70.6	7.9	5.7						
						Bottom	6.7	1	26.0	8.1	28.5	4.6	66.2	9.5	6.1	4.6								
								2	26.0	8.1	28.6	4.6	66.4	9.5	6.4									
				TCE-C2	Cloudy	Moderate	18:36	12.8	Surface	1.0	1	27.3	8.1	24.4	6.4				92.0	4.5	5.3	6.0	5.4	4.5
											2	27.3	8.1	24.4	6.4				91.9	4.6	5.4			
									Middle	6.4	1	26.4	8.1	27.1	5.6	80.5	5.5	4.5						
											2	26.3	8.1	27.1	5.6	80.5	5.5	4.1						
				Bottom	11.8	1	25.6	8.1	29.6	5.2	74.8	6.0	3.5	5.2										
						2	25.6	8.1	29.6	5.2	75.0	6.1	3.9											
TCE-WQM1	Cloudy			Calm	17:13	7.8	Surface	1.0	1	27.9	8.2	23.3	6.8				98.4	8.9	8.1	6.5	10.6	8.0		
									2	27.9	8.2	23.3	6.8				98.2	8.9	7.7					
							Middle	3.9	1	27.8	8.2	23.5	6.2	89.9	9.8	8.0								
									2	27.8	8.2	23.5	6.2	90.0	10.0	7.8								
				Bottom	6.8	1	27.6	8.2	23.7	6.0	86.9	13.0	8.2	6.0										
						2	27.6	8.2	23.7	6.0	87.0	13.2	8.0											
TCE-WQM2a	Cloudy			Moderate	17:56	7.6	Surface	1.0	1	27.8	8.2	23.4	6.6				96.0	6.4	5.4	6.5	8.9	6.7		
									2	27.8	8.2	23.4	6.6				96.0	6.4	5.5					
							Middle	3.8	1	27.7	8.2	23.9	6.5	93.6	8.8	7.0								
									2	27.7	8.2	24.0	6.5	93.6	8.8	6.8								
				Bottom	6.6	1	27.4	8.2	24.6	6.1	88.7	11.8	7.6	6.1										
						2	27.4	8.2	24.6	6.1	88.9	11.2	7.8											
TCE-WQM2b	Cloudy			Moderate	18:07	11.2	Surface	1.0	1	27.4	8.1	23.0	6.5				93.3	5.7	5.4	5.8	7.0	5.0		
									2	27.3	8.1	23.1	6.5				93.1	5.8	5.2					
							Middle	5.6	1	26.3	8.1	27.0	5.1	73.7	6.9	5.2								
									2	26.3	8.1	27.1	5.1	73.6	6.9	5.0								
				Bottom	10.2	1	26.0	8.1	28.4	5.0	72.6	8.5	4.7	5.0										
						2	26.0	8.1	28.4	5.0	72.8	8.4	4.5											
TCE-WQM3A	Cloudy			Calm	17:46	4.2	Surface	1.0	1	27.4	8.1	24.4	6.1				89.0	9.8	12.6	6.1	11.1	11.0		
									2	27.3	8.1	24.5	6.1				88.9	9.9	12.1					
							Bottom	3.2	1	27.1	8.1	25.2	5.7	83.1	12.4	9.6								
									2	27.1	8.1	25.2	5.8	83.9	12.3	9.8								
TCE-WQM4	Cloudy			Calm	17:31	3.5	Surface	1.0	1	27.5	8.1	24.6	6.1	88.9	10.5	9.9	6.1	11.3	10.1					
									2	27.5	8.1	24.6	6.1	88.8	10.1	9.6								
							Bottom	2.5	1	27.4	8.1	24.7	6.1	89.1	12.4	10.2								
									2	27.4	8.1	24.7	6.2	89.4	12.4	10.8								

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)								
22-05-20	Mid-Ebb	TCE-C1	Cloudy	Rough	13:51	8.2	Surface	1.0	1	27.3	8.1	21.6	6.1	86.8	6.4	5.4	6.0	7.8	5.9								
									2	27.3	8.1	21.6	6.1	86.5	6.5	5.7											
							Middle	4.1	1	27.3	8.1	21.9	5.9	84.1	7.3	5.6											
									2	27.3	8.1	21.9	5.9	84.1	7.3	5.9											
							Bottom	7.2	1	26.7	8.1	25.1	5.1	73.2	9.5	6.2											
									2	26.7	8.1	25.1	5.1	73.3	9.4	6.7											
		TCE-C2	Cloudy	Rough	11:32	13.0	Surface	1.0	1	27.2	8.1	23.2	5.9	85.0	4.1	5.3	5.8	5.5	4.5								
									2	27.2	8.1	23.2	5.9	84.9	4.1	5.9											
							Middle	6.5	1	27.0	8.0	24.0	5.6	80.3	5.3	4.0											
									2	27.0	8.0	24.0	5.6	80.2	5.3	4.1											
							Bottom	12.0	1	26.2	8.0	27.3	5.0	71.4	7.2	3.8											
									2	26.2	8.0	27.3	5.0	71.4	7.1	3.9											
		TCE-WQM1	Cloudy	Calm	13:02	8.8	Surface	1.0	1	27.3	8.1	21.7	6.1	86.7	7.3	9.7	5.9	10.1	9.2								
									2	27.3	8.1	21.7	6.1	86.8	7.3	10.0											
							Middle	4.4	1	27.3	8.1	22.9	5.7	81.5	9.2	8.8											
									2	27.3	8.1	22.9	5.7	81.4	9.3	8.9											
							Bottom	7.8	1	27.2	8.1	23.6	5.5	78.8	13.6	8.8											
									2	27.2	8.1	23.6	5.5	78.8	14.0	8.7											
		TCE-WQM2a	Cloudy	Moderate	12:25	7.6	Surface	1.0	1	27.0	8.1	23.9	5.6	80.7	6.4	7.1	5.5	7.7	8.4								
									2	27.0	8.1	23.9	5.6	80.7	6.4	7.6											
							Middle	3.8	1	26.8	8.1	24.8	5.4	77.5	9.0	8.2											
									2	26.8	8.1	24.8	5.4	77.5	9.0	7.9											
							Bottom	6.6	1	26.6	8.1	25.8	5.2	74.3	7.6	10.0											
									2	26.6	8.1	25.8	5.2	74.4	7.7	9.6											
		TCE-WQM2b	Cloudy	Rough	12:11	12.3	Surface	1.0	1	27.4	8.1	21.5	6.0	85.5	4.6	4.0	5.8	8.3	5.3								
									2	27.4	8.1	21.5	6.0	85.5	4.6	4.4											
							Middle	6.2	1	27.2	8.1	22.6	5.7	81.0	8.5	5.2											
									2	27.2	8.1	22.6	5.7	81.0	8.6	4.9											
							Bottom	11.3	1	27.2	8.1	22.7	5.7	81.0	11.5	7.1											
									2	27.2	8.1	22.7	5.7	81.0	11.8	6.3											
		TCE-WQM3A	Cloudy	Calm	12:38	4.3	Surface	1.0	1	27.2	8.1	22.8	5.5	78.8	7.0	9.6	5.5	8.0	9.1								
									2	27.2	8.1	22.8	5.5	78.8	7.0	10.1											
							Bottom	3.3	1	27.2	8.1	22.8	5.5	79.2	8.9	8.1											
									2	27.2	8.1	22.8	5.5	79.2	8.9	8.6											
							TCE-WQM4	Cloudy	Calm	12:49	3.4	Surface	1.0	1	27.2	8.1				23.4	5.9	84.2	5.9	6.9	5.9	7.7	7.3
													2	27.2	8.1	23.4				5.9	84.2	5.9	7.1				
		Bottom	2.4	1	27.2	8.1	23.5					5.9	84.0	9.4	7.4												
				2	27.2	8.1	23.5					5.9	84.1	9.8	7.7												
		TCE-WQM1	Cloudy	Calm	18:39	8.4	Surface					1.0	1	27.4	8.1	20.3	6.0	85.5	7.6	4.2	6.0	9.2	4.7				
												2	27.4	8.1	20.3	6.0	85.5	7.6	4.2								
		Middle					4.2	1	27.4	8.1	20.6	6.0	85.4	8.7	4.4												
								2	27.4	8.1	20.6	6.0	85.4	8.8	4.7												
		Bottom					7.4	1	27.3	8.1	21.6	5.9	83.3	11.2	5.0												
								2	27.3	8.1	21.6	5.9	83.3	11.1	5.5												
		TCE-WQM2a	Cloudy	Moderate	19:15	7.0	Surface	1.0	1	27.1	8.1	23.4	5.9	83.8	8.2	9.7	5.8	10.5	9.1								
									2	27.1	8.1	23.4	5.9	83.8	8.2	9.9											
							Middle	3.5	1	27.1	8.1	23.6	5.7	81.3	10.8	9.2											
									2	27.1	8.1	23.6	5.7	81.1	10.7	8.9											
Bottom	6.0						1	26.9	8.1	24.3	5.4	77.9	12.5	8.6													
							2	26.9	8.1	24.3	5.4	78.1	12.5	8.5													
TCE-WQM2b	Cloudy	Moderate	19:27	11.5	Surface	1.0	1	27.4	8.1	20.4	6.0	85.1	8.4	8.1	6.0	10.1	7.3										
							2	27.4	8.1	20.4	6.0	85.1	8.5	7.8													
					Middle	5.8	1	27.4	8.1	20.7	5.9	84.1	9.8	7.0													
							2	27.4	8.1	20.7	5.9	84.0	9.9	7.2													
					Bottom	10.5	1	26.7	8.0	24.5	5.1	72.3	11.9	6.8													
							2	26.6	8.0	24.4	5.1	72.2	11.9	6.6													
TCE-WQM3A	Cloudy	Calm	19:04	3.9	Surface	1.0	1	27.2	8.1	23.0	5.3	75.2	6.2	7.4	5.3	8.2	8.0										
							2	27.2	8.1	23.0	5.3	75.1	6.4	7.5													
					Bottom	2.9	1	27.1	8.1	23.7	5.2	74.1	6.3	8.8													
							2	27.1	8.1	23.7	5.2	74.2	6.3	8.3													
					TCE-WQM4	Cloudy	Calm	18:51	3.0	Surface	1.0	1	27.2	8.1				23.4	5.9	85.1	7.0	6.6	5.9	8.3	5.6		
											2	27.2	8.1	23.4				5.9	85.2	7.3	7.0						
Bottom	2.0	1	27.1	8.1	23.5					5.9	84.7	9.4	4.4														
		2	27.1	8.1	23.5					5.9	84.8	9.6	4.5														

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged							
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)					
27-05-20	Mid-Ebb	TCE-C1	Cloudy	Moderate	14:19	8.2	Surface	1.0	1	27.8	8.2	23.1	6.2	90.0	1.9	3.1	5.6	4.4	3.3					
									2	27.9	8.2	23.1	6.2	89.9	1.9	3.0								
							Middle	4.1	1	26.2	8.4	29.0	5.0	73.3	4.5	2.8								
									2	26.2	8.4	29.0	5.0	73.4	4.6	3.2								
				Bottom	7.2	1	26.1	8.3	30.5	5.4	78.5	6.7	3.4	5.4										
						2	26.1	8.3	30.5	5.4	79.0	6.6	4.2											
		TCE-C2	Cloudy	Moderate	16:36	13.3	Surface	1.0	1	27.8	8.0	21.0	6.0				85.2	2.3	4.0	5.6	5.3	4.2		
									2	27.8	8.0	21.0	6.0				85.2	2.3	4.6					
							Middle	6.7	1	27.4	8.1	21.7	5.2	74.6	4.6	4.5								
									2	27.4	8.1	21.7	5.2	74.4	4.7	4.4								
				Bottom	12.3	1	26.4	8.1	26.7	4.8	69.5	9.0	3.7	4.8										
						2	26.4	8.1	26.8	4.8	69.5	9.1	3.8											
		TCE-WQM1	Cloudy	Moderate	15:29	8.1	Surface	1.0	1	27.7	8.1	22.6	5.6				79.9	4.0	3.1	5.4	5.7	5.8		
									2	27.7	8.1	22.6	5.5				79.7	4.0	3.7					
							Middle	4.1	1	26.9	8.1	24.6	5.2	74.3	6.1	6.4								
									2	26.9	8.1	24.6	5.2	74.4	6.1	6.6								
				Bottom	7.1	1	26.7	8.1	26.0	5.5	79.6	7.2	7.0	5.5										
						2	26.8	8.1	26.0	5.5	79.9	7.0	7.8											
		TCE-WQM2a	Cloudy	Moderate	16:00	7.4	Surface	1.0	1	27.3	8.0	22.9	5.5				79.6	3.1	5.2	5.5	3.2	4.6		
									2	27.3	8.0	22.9	5.5				79.6	3.1	5.2					
							Middle	3.7	1	27.0	8.1	23.7	5.4	77.4	3.2	4.3								
									2	27.0	8.1	23.7	5.4	77.6	3.2	4.1								
				Bottom	6.4	1	26.8	8.0	24.7	5.7	81.3	3.3	4.6	5.7										
						2	26.8	8.0	24.7	5.7	81.7	3.3	4.4											
		TCE-WQM2b	Cloudy	Moderate	16:12	11.1	Surface	1.0	1	27.7	8.0	21.1	5.8				82.7	1.8	2.8	5.4	5.4	3.0		
									2	27.7	8.0	21.0	5.8				82.9	1.8	2.4					
							Middle	5.6	1	27.0	8.0	23.1	5.0	71.9	6.9	3.0								
									2	27.0	8.0	23.1	5.0	71.9	7.0	3.7								
				Bottom	10.1	1	27.0	8.0	23.3	5.2	74.3	7.5	3.1	5.2										
						2	27.0	8.0	23.3	5.2	74.4	7.5	3.2											
		TCE-WQM3A	Cloudy	Calm	15:50	4.0	Surface	1.0	1	27.3	8.0	22.4	6.0				86.0	5.6	7.7	6.0	6.6	8.4		
									2	27.3	8.0	22.4	6.0				86.1	5.6	8.6					
							Bottom	3.0	1	26.8	8.0	24.5	5.4	77.0	7.6	8.3								
									2	26.8	8.0	24.5	5.4	77.5	7.6	8.9								
		TCE-WQM4	Cloudy	Calm	15:41	3.4	Surface	1.0	1	27.9	8.0	21.6	6.1	87.7	2.3	2.8	6.1	3.6	3.1					
									2	27.9	8.0	21.6	6.1	87.6	2.4	3.7								
							Bottom	2.4	1	27.2	8.0	22.8	5.6	80.3	4.8	2.9								
									2	27.2	8.0	22.8	5.6	80.6	4.8	3.0								
		27-05-20	Mid-Flood	TCE-C1	Rainy	Moderate	10:15	8.0	Surface	1.0	1	27.0	7.9	25.6	5.6	81.3	6.2	3.2	5.2	7.8	3.1			
											2	27.0	7.9	25.6	5.6	81.2	6.4	3.2						
									Middle	4.0	1	26.0	8.1	30.4	4.7	69.3	7.7	3.3						
											2	26.0	8.1	30.4	4.7	69.2	7.8	3.0						
						Bottom	7.0	1	26.0	8.1	30.8	4.8	70.5	9.4	2.9	4.8								
								2	26.0	8.1	30.8	4.8	70.7	9.4	2.7									
				TCE-C2	Cloudy	Moderate	7:57	13.2	Surface	1.0	1	26.6	8.1	25.6	5.0				71.3	2.0	4.6	4.6	2.6	4.3
											2	26.6	8.1	25.6	5.0				71.3	2.1	4.9			
									Middle	6.6	1	25.6	8.3	30.9	4.3	62.6	2.7	4.5						
											2	25.6	8.3	31.0	4.3	62.6	2.7	3.7						
				Bottom	12.2	1	25.4	8.3	31.9	4.3	63.0	3.0	3.7	4.3										
						2	25.4	8.3	31.9	4.3	63.1	3.1	4.3											
TCE-WQM1	Rainy			Calm	9:15	7.8	Surface	1.0	1	27.2	8.0	22.4	5.4				77.2	5.9	8.1	5.5	6.2	8.6		
									2	27.2	8.0	22.4	5.4				77.1	6.0	9.0					
							Middle	3.9	1	27.1	8.0	22.6	5.6	79.6	6.3	8.9								
									2	27.1	8.0	22.6	5.6	79.7	6.3	8.5								
				Bottom	6.8	1	27.0	8.1	22.9	6.2	88.2	6.4	8.2	6.2										
						2	27.0	8.1	22.9	6.2	88.7	6.4	8.7											
TCE-WQM2a	Cloudy			Moderate	8:41	7.5	Surface	1.0	1	27.1	8.0	22.3	5.4				76.2	5.7	5.8	5.3	4.5	5.3		
									2	27.1	8.0	22.3	5.4				76.2	5.7	5.4					
							Middle	3.8	1	26.5	8.1	24.9	5.2	73.9	3.5	5.1								
									2	26.5	8.1	24.9	5.2	74.0	3.5	5.9								
				Bottom	6.5	1	26.1	8.1	28.7	5.9	86.0	4.4	5.2	5.9										
						2	26.2	8.1	28.6	6.0	86.6	4.4	4.4											
TCE-WQM2b	Cloudy			Moderate	8:28	10.9	Surface	1.0	1	27.0	8.2	22.5	5.1				72.4	3.7	7.9	4.8	10.1	8.1		
									2	27.0	8.2	22.5	5.1				72.2	3.8	8.2					
							Middle	5.5	1	26.0	8.3	28.9	4.5	65.0	12.0	7.4								
									2	26.0	8.3	28.9	4.5	65.1	12.2	8.3								
				Bottom	9.9	1	25.8	8.3	29.9	4.7	68.4	14.3	7.8	4.7										
						2	25.8	8.3	29.9	4.7	68.6	14.3	8.8											
TCE-WQM3A	Rainy			Calm	8:53	4.2	Surface	1.0	1	27.3	8.2	21.3	5.5				78.4	9.6	7.5	6.1	10.0	7.7		
									2	27.3	8.2	21.3	5.5				78.5	9.6	7.5					
							Bottom	3.2	1	27.1	8.3	22.4	6.1	86.9	10.4	7.5								
									2	27.1	8.3	22.4	6.1	87.5	10.3	8.1								
TCE-WQM4	Rainy			Calm	9:03	3.6	Surface	1.0	1	27.2	8.2	22.0	5.6	80.4	5.2	4.9	5.6	5.3	5.6					
									2	27.2	8.2	22.0	5.7	80.6	5.2	5.5								
							Bottom	2.6	1	27.3	8.3	22.2	6.2	88.8	5.3	5.5								
									2	27.3	8.3	22.2	6.2	89.1	5.4	6.5								

