

Annex G3

## Monitoring Results for Water Quality

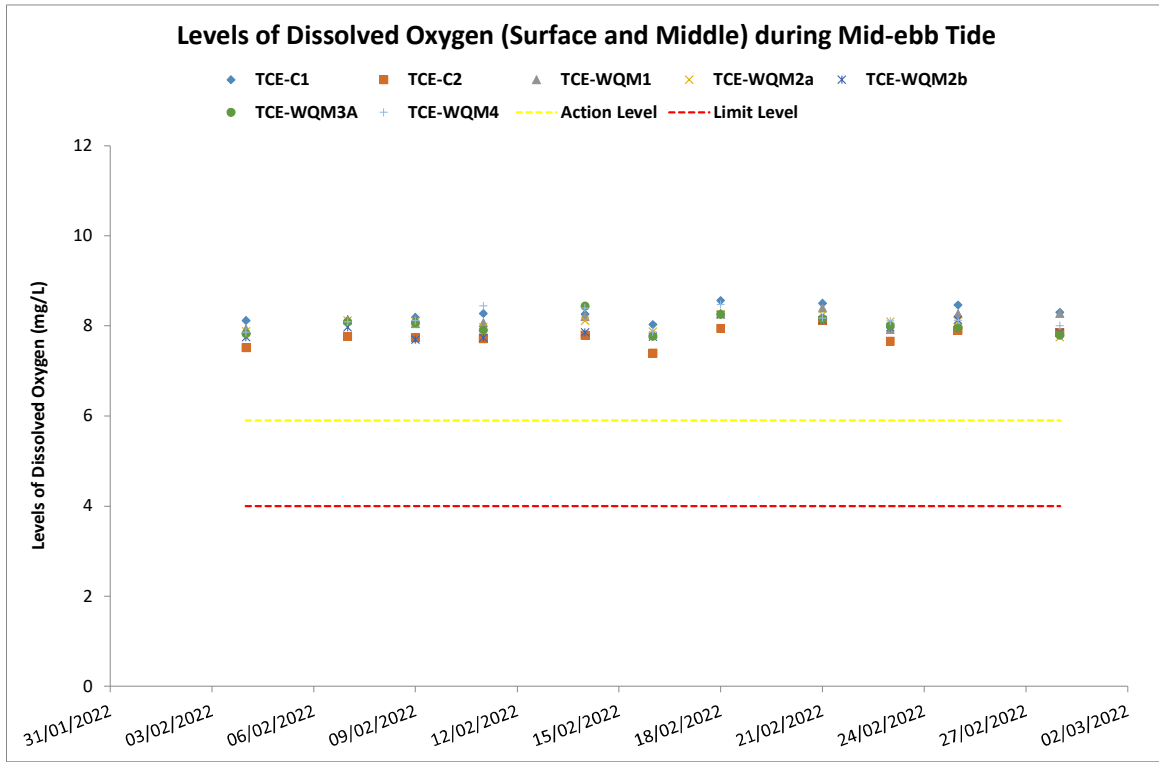


Figure 1: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 28 February 2022

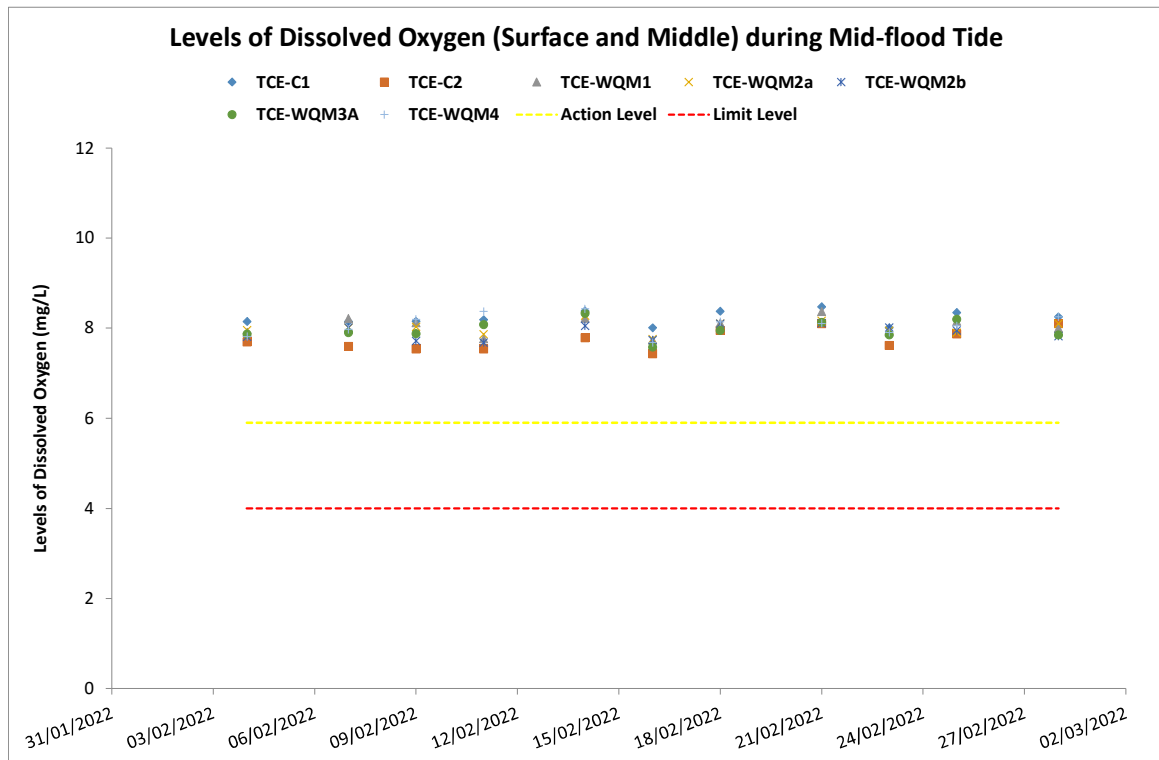


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 28 February 2022

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

**Environmental  
 Resources  
 Management**



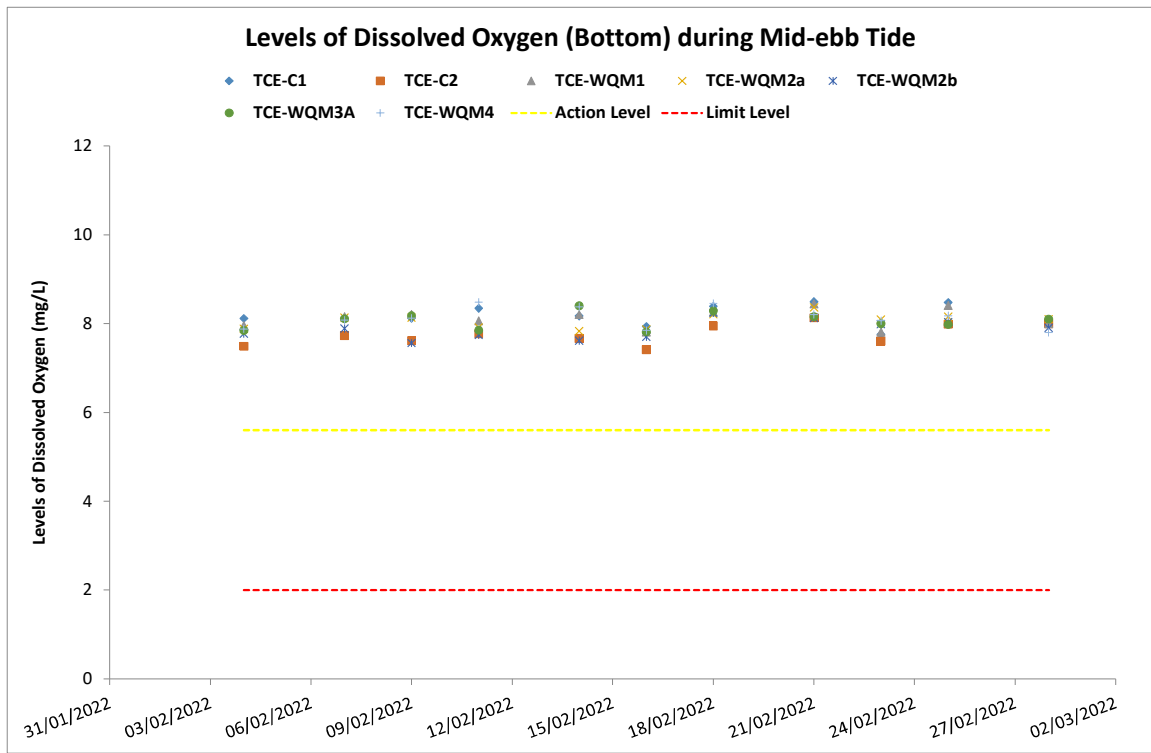


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 28 February 2022

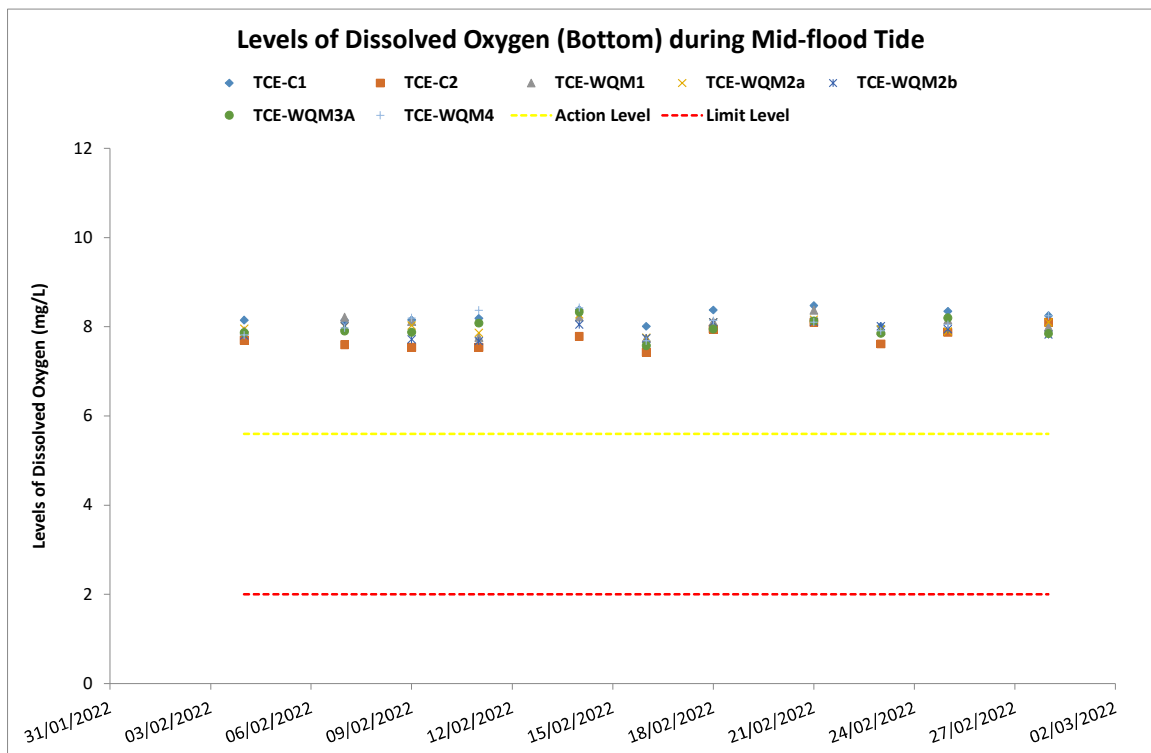


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 28 February 2022

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

**Environmental  
 Resources  
 Management**



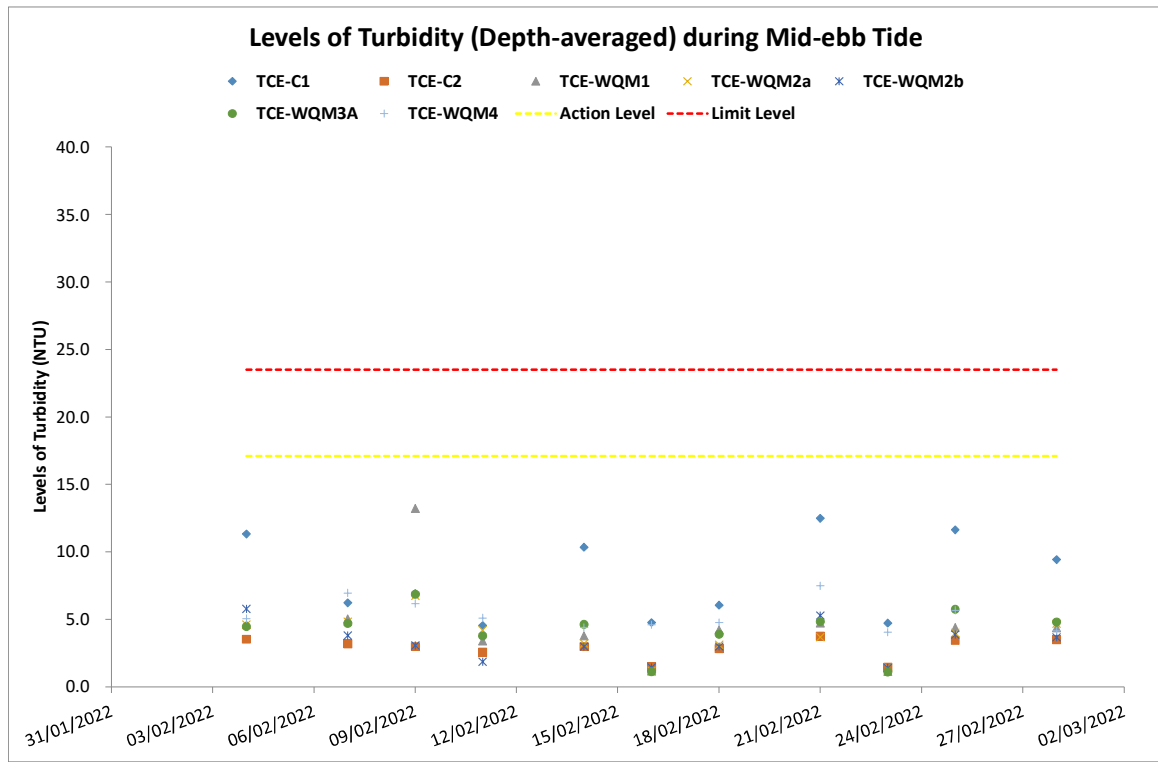


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 28 February 2022

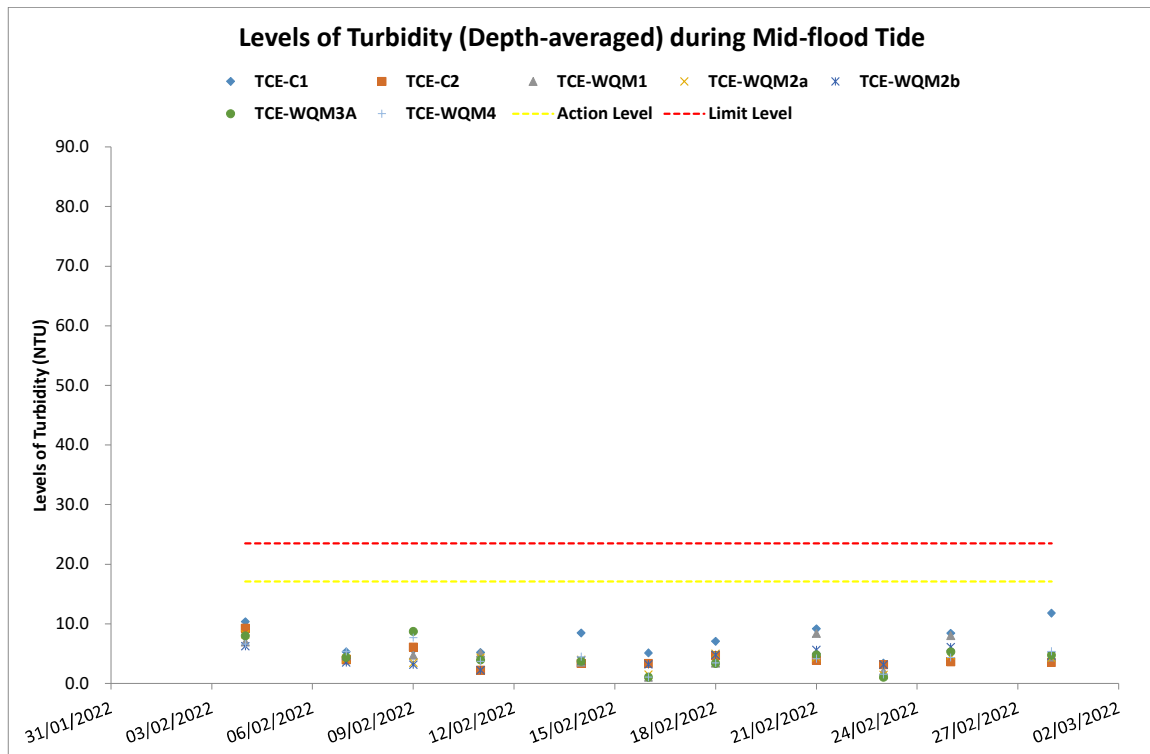


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 28 February 2022

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

Date: February 2022

**Environmental  
Resources  
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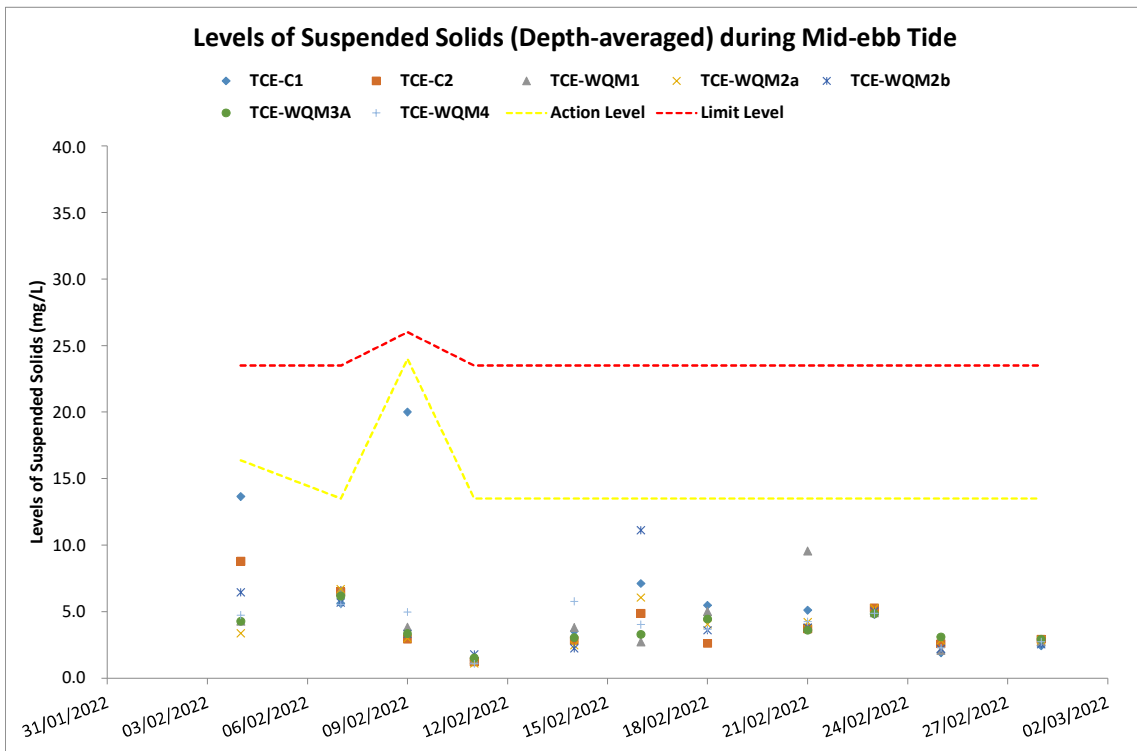


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 to 28 February 2022

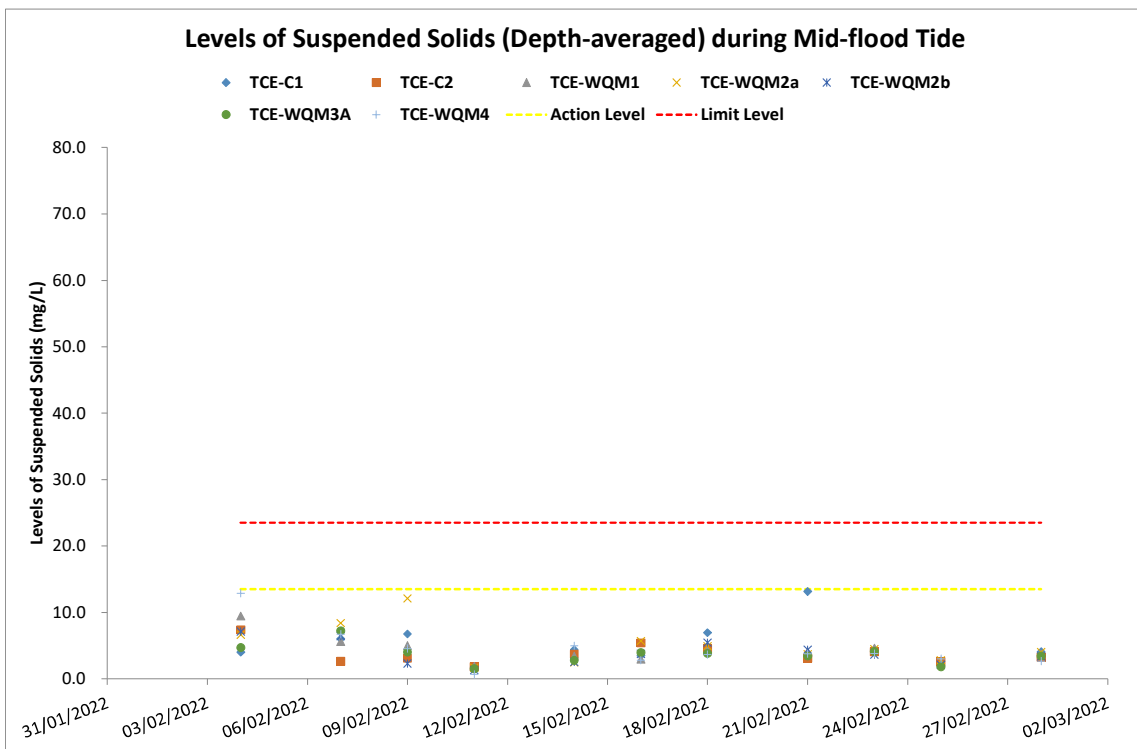


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 to 28 February 2022

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

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Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged					
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)			
2022-02-07	Mid-Ebb	TCE-C1	Fine	Rough	4:46	7.7	Surface	1.0	1	17.2	8.1	33.2	8.1	103.0	6.1	6.4	8.1	6.2	5.6			
									2	17.2	8.1	33.2	8.1	103.0	6.1	6.1						
							Middle	3.9	1	17.2	8.1	33.2	8.1	102.8	6.1	6.2						
								2	17.2	8.1	33.2	8.1	102.8	6.2	5.4							
				Bottom	6.7	1	17.2	8.1	33.2	8.1	102.8	6.4	5.2	8.1								
					2	17.2	8.1	33.2	8.1	102.8	6.5	4.4										
		TCE-C2	Fine	Rough	3:03	13.4	Surface	1.0	1	17.5	8.1	33.1	7.8				99.1	3.1	7.0	7.8	3.2	6.5
					2	17.5	8.1	33.1	7.8	99.1	3.1	6.5										
				Middle	6.7	1	17.5	8.1	33.1	7.8	98.9	3.2	6.5									
					2	17.5	8.1	33.1	7.8	98.9	3.2	6.9										
				Bottom	12.4	1	17.5	8.1	33.1	7.7	98.6	3.4	6.4	7.7								
					2	17.5	8.1	33.1	7.7	98.6	3.4	5.6										
	TCE-WQM1	Fine	Moderate	4:15	8.5	Surface	1.0	1	17.3	8.1	32.9	8.1	103.2				5.1	6.5	8.1	5.0	6.6	
				2	17.3	8.1	32.9	8.1	103.2	5.1	7.3											
			Middle	4.3	1	17.2	8.1	32.9	8.2	103.3	5.1	7.3										
				2	17.2	8.1	32.9	8.2	103.3	5.0	6.4											
			Bottom	7.5	1	17.2	8.1	32.9	8.2	103.3	4.9	6.2	8.2									
				2	17.2	8.1	32.9	8.2	103.3	4.9	5.9											
	TCE-WQM2a	Fine	Rough	3:39	6.9	Surface	1.0	1	17.2	8.1	32.9	8.1				102.9	3.8	6.6	8.1	4.8	6.7	
				2	17.2	8.1	32.9	8.1	102.9	3.8	6.8											
			Middle	3.5	1	17.2	8.1	32.9	8.1	103.1	4.1	6.9										
				2	17.2	8.1	32.9	8.1	103.1	4.1	6.2											
			Bottom	5.9	1	17.2	8.1	32.9	8.1	103.2	6.5	6.6	8.1									
				2	17.2	8.1	32.9	8.1	103.2	6.5	7.0											
	TCE-WQM2b	Fine	Rough	3:27	8.7	Surface	1.0	1	17.1	8.1	32.8	8.1				101.8	4.0	4.6	8.0	3.8	5.7	
				2	17.1	8.1	32.8	8.1	101.8	4.0	5.2											
			Middle	4.4	1	17.3	8.1	33.0	7.9	100.3	3.7	5.0										
				2	17.3	8.1	33.0	7.9	100.3	3.8	6.1											
			Bottom	7.7	1	17.3	8.1	33.0	7.9	100.3	3.7	6.2	7.9									
				2	17.3	8.1	33.0	7.9	100.3	3.7	7.0											
	TCE-WQM3A	Fine	Moderate	3:49	3.9	Surface	1.0	1	17.2	8.1	32.9	8.1				102.6	4.1	7.4	8.1	4.7	6.2	
				2	17.2	8.1	32.9	8.1	102.6	4.2	7.4											
			Bottom	2.9	1	17.2	8.1	32.9	8.1	102.9	5.2	5.1										
				2	17.2	8.1	32.9	8.1	102.9	5.3	4.8											
			TCE-WQM4	Fine	Moderate	4:04	3.5	Surface	1.0	1	17.2	8.1	32.9	8.1	102.5	9.5	6.0	8.1	7.0	5.6		
				2	17.2	8.1	32.9	8.1	102.5	9.5	5.4											
		Bottom	2.5	1	17.2	8.1	32.9	8.1	102.4	4.4	5.5											
			2	17.2	8.1	32.9	8.1	102.4	4.4	5.3												
2022-02-07	Mid-Flood	TCE-C1	Cloudy	Rough	9:44	8.2	Surface	1.0	1	17.2	8.1	32.9	8.2	103.3	5.0	6.1	8.2	5.3	6.0			
									2	17.2	8.1	32.9	8.2	103.3	5.0	7.0						
							Middle	4.1	1	17.2	8.1	32.9	8.2	103.3	5.6	6.2						
								2	17.2	8.1	32.9	8.2	103.3	5.6	5.8							
				Bottom	7.2	1	17.2	8.1	32.9	8.2	103.5	5.3	5.7	8.2								
					2	17.2	8.1	32.9	8.2	103.6	5.4	5.4										
		TCE-C2	Cloudy	Rough	11:56	14.9	Surface	1.0	1	17.6	8.1	33.2	7.6				97.5	3.4	2.6	7.6	4.0	2.7
					2	17.6	8.1	33.2	7.6	97.5	3.4	3.0										
				Middle	7.5	1	17.6	8.1	33.3	7.6	96.9	3.9	2.6									
					2	17.6	8.1	33.3	7.6	96.9	3.9	2.8										
				Bottom	13.9	1	17.6	8.1	33.3	7.6	97.2	4.5	2.5	7.6								
					2	17.6	8.1	33.3	7.6	97.3	4.6	2.4										
		TCE-WQM1	Cloudy	Rough	10:12	9.6	Surface	1.0	1	17.3	8.1	32.9	8.2				104.4	4.8	5.6	8.2	4.7	5.6
					2	17.3	8.1	32.9	8.2	104.3	4.8	5.4										
				Middle	4.8	1	17.2	8.1	32.9	8.2	104.0	4.6	5.3									
					2	17.2	8.1	33.0	8.2	104.0	4.6	6.0										
				Bottom	8.6	1	17.2	8.1	33.0	8.2	104.0	4.6	5.4	8.2								
					2	17.2	8.1	33.0	8.2	104.1	4.6	6.1										
		TCE-WQM2a	Cloudy	Rough	11:00	7.6	Surface	1.0	1	17.3	8.1	32.9	8.0				101.7	3.7	7.6	8.0	4.2	8.4
					2	17.3	8.1	32.9	8.0	101.7	3.7	8.2										
				Middle	3.8	1	17.3	8.1	32.9	8.0	101.6	4.5	8.3									
					2	17.3	8.1	32.9	8.0	101.6	4.5	8.5										
				Bottom	6.6	1	17.3	8.1	32.9	8.0	101.7	4.3	8.6	8.0								
					2	17.3	8.1	32.9	8.0	101.7	4.3	9.2										
		TCE-WQM2b	Cloudy	Rough	11:17	10.5	Surface	1.0	1	17.3	8.1	32.9	8.0				102.0	3.7	3.6	8.0	3.5	6.5
					2	17.3	8.1	32.9	8.0	102.0	3.7	4.0										
				Middle	5.3	1	17.3	8.1	32.9	8.0	101.5	3.2	6.7									
					2	17.3	8.1	32.9	8.0	101.5	3.2	7.5										
				Bottom	9.5	1	17.3	8.1	32.9	8.0	101.4	3.6	8.4	8.0								
					2	17.3	8.1	32.9	8.0	101.4	3.6	8.5										
		TCE-WQM3A	Cloudy	Moderate	10:49	4.7	Surface	1.0	1	17.5	8.1	32.9	7.9				100.6	4.8	7.7	7.9	4.4	7.2
					2	17.5	8.1	32.9	7.9	100.7	4.7	7.8										
				Bottom	3.7	1	17.4	8.1	32.9	8.0	101.3	4.1	7.3									
					2	17.4	8.1	32.9	8.0	101.3	4.0	6.1										
				TCE-WQM4	Cloudy	Moderate	10:37	4.2	Surface	1.0	1	17.4	8.1	33.0	8.0	101.5	5.3	5.5	8.0	5.4	6.7	
					2	17.4	8.1	33.0	8.0	101.5	5.3	6.4										
		Bottom	3.2	1	17.4	8.1	33.0	8.0	101.7	5.6	7.0											
			2	17.4	8.1	33.0	8.0	101.7	5.6	8.0												

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
2022-02-09	Mid-Ebb	TCE-C1	Cloudy	Moderate	7:16	8.8	Surface	1.0	1	17.2	8.2	33.5	8.2	104.1	4.5	18.3	8.2	6.9	20.0
									2	17.2	8.2	33.5	8.2	104.1	4.5	17.5			
							Middle	4.4	1	17.2	8.2	33.5	8.2	103.9	4.6	20.4			
									2	17.2	8.2	33.5	8.2	103.8	4.6	21.1			
				1	17.2	8.2	33.5	8.1	103.2	11.4	21.3								
				2	17.2	8.2	33.5	8.1	103.1	11.8	21.4								
		TCE-C2	Cloudy	Moderate	5:18	13.8	Surface	1.0	1	17.3	8.0	33.0	7.9	99.3	3.1	2.2	7.7	3.0	2.9
									2	17.3	8.0	33.0	7.8	99.2	3.1	2.9			
							Middle	6.9	1	17.5	8.0	33.1	7.6	97.4	3.0	3.0			
									2	17.5	8.0	33.2	7.6	97.4	3.0	2.4			
				1	17.6	8.0	33.2	7.6	97.3	2.9	3.1								
				2	17.6	8.0	33.2	7.6	97.3	2.9	4.0								
	TCE-WQM1	Cloudy	Moderate	6:36	8.0	Surface	1.0	1	17.3	8.1	33.3	8.0	102.2	13.1	3.6	8.1	13.2	3.9	
								2	17.3	8.1	33.3	8.0	102.2	13.4	2.6				
						Middle	4.0	1	17.2	8.1	33.3	8.1	102.4	13.9	4.5				
								2	17.2	8.1	33.3	8.1	102.4	13.1	3.8				
			1	17.2	8.1	33.3	8.2	103.6	12.8	3.9									
			2	17.2	8.1	33.3	8.3	103.9	13.0	4.7									
	TCE-WQM2a	Cloudy	Moderate	6:04	6.1	Surface	1.0	1	17.3	8.1	33.0	8.1	102.9	5.7	3.1	8.1	6.7	3.0	
								2	17.3	8.1	33.0	8.1	102.9	5.7	3.5				
						Middle	3.1	1	17.3	8.1	33.0	8.1	102.9	7.6	2.8				
								2	17.3	8.1	33.0	8.1	102.9	7.9	3.2				
			1	17.3	8.1	33.1	8.1	103.3	6.6	2.5									
			2	17.3	8.1	33.1	8.1	103.4	6.9	3.0									
TCE-WQM2b	Cloudy	Moderate	5:51	11.1	Surface	1.0	1	17.4	8.0	33.0	7.8	98.6	3.1	2.5	7.7	3.1	3.3		
							2	17.4	8.0	33.0	7.8	98.5	3.1	3.2					
					Middle	5.6	1	17.4	8.0	33.1	7.6	97.3	3.1	3.4					
							2	17.4	8.0	33.1	7.6	97.2	3.1	3.6					
		1	17.6	8.0	33.2	7.6	96.5	3.0	3.4										
		2	17.6	8.0	33.2	7.6	96.7	3.1	3.8										
TCE-WQM3A	Cloudy	Moderate	6:14	4.6	Surface	1.0	1	17.3	8.1	32.9	8.1	102.2	6.8	2.8	8.1	6.9	3.4		
							2	17.3	8.1	32.9	8.1	102.5	7.1	4.5					
					Bottom	3.6	1	17.3	8.1	32.8	8.2	103.5	6.9	2.5					
		2	17.3	8.1	32.8	8.2	103.7	6.7	3.6										
TCE-WQM4	Cloudy	Moderate	6:24	3.2	Surface	1.0	1	17.2	8.1	33.2	8.1	103.0	6.6	4.6	8.1	6.2	5.0		
							2	17.2	8.1	33.1	8.1	103.0	6.7	4.1					
					Bottom	2.2	1	17.3	8.1	33.2	8.1	103.2	5.7	6.0					
		2	17.3	8.1	33.2	8.1	103.2	5.7	5.2										
2022-02-09	Mid-Flood	TCE-C1	Cloudy	Moderate	10:35	8.3	Surface	1.0	1	17.2	8.2	33.5	8.2	103.7	5.1	4.2	8.2	5.7	6.8
									2	17.2	8.2	33.5	8.2	103.7	5.2	4.8			
							Middle	4.2	1	17.2	8.2	33.5	8.2	103.6	5.7	4.3			
									2	17.2	8.2	33.5	8.2	103.6	5.8	5.0			
									1	17.2	8.2	33.5	8.2	103.6	6.2	10.9			
									2	17.2	8.2	33.5	8.2	103.6	6.2	11.4			
		TCE-C2	Cloudy	Moderate	12:23	13.5	Surface	1.0	1	17.6	8.1	33.3	7.5	96.2	2.7	4.0	7.5	6.1	3.1
									2	17.6	8.1	33.3	7.5	96.2	2.7	3.6			
							Middle	6.8	1	17.6	8.1	33.3	7.6	96.8	2.9	2.6			
									2	17.6	8.1	33.3	7.6	96.9	2.9	3.5			
									1	17.6	8.1	33.3	7.8	99.4	12.8	2.3			
									2	17.6	8.1	33.3	7.8	99.7	12.8	2.6			
		TCE-WQM1	Cloudy	Moderate	11:09	8.0	Surface	1.0	1	17.2	8.1	33.2	8.1	103.1	4.3	5.4	8.1	4.7	5.0
									2	17.2	8.1	33.2	8.1	103.1	4.3	5.0			
							Middle	4.0	1	17.2	8.1	33.2	8.1	103.1	4.9	4.2			
									2	17.2	8.1	33.2	8.1	103.1	5.0	4.3			
									1	17.2	8.1	33.2	8.2	103.5	5.0	4.0			
									2	17.2	8.1	33.2	8.2	103.6	5.0	7.2			
		TCE-WQM2a	Cloudy	Moderate	11:43	6.8	Surface	1.0	1	17.3	8.1	33.0	8.0	102.0	3.2	13.0	8.0	3.5	12.1
									2	17.3	8.1	33.0	8.0	102.0	3.2	14.2			
							Middle	3.4	1	17.3	8.1	33.0	8.0	102.0	3.4	15.2			
									2	17.3	8.1	32.9	8.0	102.0	3.4	15.8			
									1	17.3	8.1	33.0	8.2	103.4	3.9	12.2			
									2	17.3	8.1	33.0	8.2	103.8	3.9	2.2			
	TCE-WQM2b	Cloudy	Moderate	11:55	11.4	Surface	1.0	1	17.5	8.1	33.1	7.7	98.8	3.1	1.9	7.7	3.2	2.3	
								2	17.5	8.1	33.1	7.7	98.7	3.1	2.2				
						Middle	5.7	1	17.5	8.1	33.2	7.7	98.3	3.2	2.5				
								2	17.5	8.1	33.2	7.7	98.4	3.3	2.3				
								1	17.5	8.1	33.2	7.8	99.6	3.2	2.6				
								2	17.5	8.1	33.2	7.8	99.9	3.2	2.4				
	TCE-WQM3A	Cloudy	Moderate	11:32	4.5	Surface	1.0	1	17.3	8.2	32.9	7.9	100.1	8.8	4.9	7.9	8.7	4.0	
								2	17.3	8.2	32.9	7.9	100.1	8.7	5.2				
						Bottom	3.5	1	17.3	8.2	32.9	7.9	100.4	8.7	2.8				
			2	17.3	8.2	32.9	7.9	100.5	8.8	3.2									
	TCE-WQM4	Cloudy	Moderate	11:21	3.5	Surface	1.0	1	17.3	8.2	33.0	8.2	104.0	7.0	4.0	8.2	7.7	4.6	
								2	17.3	8.2	33.0	8.2	104.0	7.5	4.6				
						Bottom	2.5	1	17.2	8.2	33.0	8.3	104.1	8.1	4.4				
			2	17.2	8.2	33.0	8.3	104.1	8.3	5.2									



Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
2022-02-11	Mid-Ebb	TCE-C1	Fine	Calm	20:40	8.0	Surface	1.0	1	17.2	8.2	33.4	8.3	105.1	3.1	1.0	8.3	4.5	1.3
									2	17.2	8.2	33.4	8.3	105.0	3.2	1.0			
							Middle	4.0	1	17.2	8.2	33.6	8.3	105.4	4.9	1.3			
							Bottom	7.0	1	17.2	8.2	33.6	8.3	105.5	5.0	1.2			
				2	17.2	8.2	33.6	8.4	106.1	5.6	1.7								
				2	17.2	8.2	33.6	8.4	106.2	5.6	1.8								
		TCE-C2	Fine	Calm	22:43	12.4	Surface	1.0	1	17.6	8.1	33.3	7.7	98.4	1.9	0.6	7.7	2.6	1.2
									2	17.6	8.1	33.3	7.7	98.4	1.8	0.8			
							Middle	6.2	1	17.7	8.1	33.1	7.7	99.0	2.8	1.1			
							Bottom	11.4	1	17.7	8.1	33.0	7.7	99.1	2.8	1.3			
				2	17.8	8.1	33.0	7.8	99.4	3.0	1.6								
				2	17.8	8.1	33.0	7.8	99.4	3.1	2.0								
	TCE-WQM1	Fine	Calm	21:40	8.6	Surface	1.0	1	17.2	8.2	33.3	8.1	102.6	2.0	1.2	8.1	3.4	1.4	
								2	17.2	8.2	33.3	8.1	102.5	2.0	1.3				
						Middle	4.3	1	17.1	8.2	33.3	8.1	102.4	3.4	1.3				
						Bottom	7.6	1	17.1	8.2	33.3	8.1	102.4	3.5	1.3				
			2	17.1	8.2	33.3	8.1	102.3	4.8	1.6									
			2	17.2	8.2	33.3	8.1	102.3	4.7	1.7									
	TCE-WQM2a	Fine	Calm	22:10	8.0	Surface	1.0	1	17.5	8.1	33.2	8.0	101.8	3.3	0.8	8.0	4.2	1.1	
								2	17.5	8.1	33.2	8.0	101.8	3.3	0.7				
						Middle	4.0	1	17.4	8.1	33.1	8.0	101.2	4.2	1.2				
						Bottom	7.0	1	17.4	8.1	33.2	8.0	101.2	4.3	1.1				
			2	17.3	8.1	33.2	7.9	100.8	5.0	1.5									
			2	17.3	8.2	33.1	7.9	100.4	5.1	1.4									
TCE-WQM2b	Fine	Calm	22:21	10.8	Surface	1.0	1	17.6	8.1	33.3	7.7	98.9	1.1	1.2	7.7	1.9	1.8		
							2	17.5	8.1	33.3	7.7	98.8	1.1	1.4					
					Middle	5.4	1	17.5	8.2	33.3	7.7	98.8	1.8	1.7					
					Bottom	9.8	1	17.5	8.2	33.3	7.7	98.8	1.7	1.8					
		2	17.5	8.2	33.3	7.7	98.8	1.8	1.7										
		2	17.5	8.2	33.3	7.7	98.8	1.7	1.8										
TCE-WQM3A	Fine	Calm	22:00	4.2	Surface	1.0	1	18.0	8.2	32.8	7.9	101.8	3.1	1.3	7.9	3.8	1.5		
							2	18.1	8.2	32.7	7.9	101.8	3.2	1.4					
					Bottom	3.2	1	18.3	8.2	32.5	7.9	101.8	4.4	1.6					
							2	18.4	8.2	32.7	7.8	101.7	4.4	1.8					
TCE-WQM4	Fine	Calm	21:51	4.0	Surface	1.0	1	17.2	8.2	33.3	8.4	107.2	4.2	1.3	8.4	5.1	1.1		
							2	17.2	8.2	33.4	8.5	107.2	4.1	1.2					
					Bottom	3.0	1	17.1	8.2	33.4	8.5	107.4	6.0	0.8					
							2	17.0	8.2	33.4	8.5	107.4	6.1	1.0					
2022-02-11	Mid-Flood	TCE-C1	Fine	Calm	10:20	8.0	Surface	1.0	1	17.2	8.2	33.5	8.2	104.3	4.6	2.2	8.2	5.2	1.6
									2	17.2	8.2	33.5	8.2	104.2	4.5	2.5			
							Middle	4.0	1	17.2	8.2	33.6	8.2	104.0	5.0	1.3			
							Bottom	7.0	1	17.2	8.2	33.6	8.2	104.0	5.0	1.3			
				2	17.2	8.3	33.6	8.2	103.9	6.1	1.2								
				2	17.2	8.3	33.6	8.2	103.8	6.1	1.2								
		TCE-C2	Fine	Calm	8:31	12.8	Surface	1.0	1	17.5	8.0	33.4	7.5	96.1	1.4	2.4	7.5	2.2	1.8
									2	17.5	8.0	33.4	7.5	96.1	1.5	2.5			
							Middle	6.4	1	17.5	8.0	33.4	7.6	96.7	2.2	1.8			
							Bottom	11.8	1	17.5	8.0	33.4	7.6	96.8	2.2	1.6			
				2	17.5	7.9	33.4	7.7	97.7	3.1	1.3								
				2	17.5	7.9	33.4	7.7	97.8	3.1	1.4								
	TCE-WQM1	Fine	Calm	9:36	8.2	Surface	1.0	1	17.1	8.2	33.3	7.8	99.3	4.1	2.5	7.8	5.1	1.9	
								2	17.1	8.2	33.3	7.8	99.0	4.1	2.3				
						Middle	4.1	1	17.1	8.2	33.3	7.7	97.5	5.1	1.8				
						Bottom	7.2	1	17.1	8.2	33.3	7.7	97.5	5.2	1.9				
			2	17.1	8.2	33.3	8.1	102.2	6.1	1.4									
			2	17.1	8.2	33.3	8.1	102.4	6.1	1.2									
	TCE-WQM2a	Fine	Calm	9:06	7.0	Surface	1.0	1	17.3	8.1	33.2	7.9	100.0	3.2	1.9	7.9	4.3	1.7	
								2	17.3	8.1	33.2	7.9	100.0	3.2	2.2				
						Middle	3.5	1	17.3	8.1	33.2	7.9	99.9	4.8	1.5				
						Bottom	6.0	1	17.3	8.1	33.2	7.9	99.9	4.8	1.7				
			2	17.3	8.2	33.2	7.9	99.8	5.0	1.4									
			2	17.3	8.2	33.2	7.9	99.8	5.1	1.4									
TCE-WQM2b	Fine	Calm	8:55	10.4	Surface	1.0	1	17.5	8.1	33.3	7.7	98.0	1.3	0.8	7.7	2.3	1.3		
							2	17.5	8.1	33.3	7.7	98.0	1.4	0.9					
					Middle	5.2	1	17.5	8.1	33.3	7.7	98.0	2.2	1.2					
					Bottom	9.4	1	17.5	8.1	33.3	7.7	98.0	2.2	1.5					
		2	17.5	8.1	33.3	7.8	99.2	3.2	1.7										
		2	17.5	8.1	33.3	7.8	99.3	3.2	1.8										
TCE-WQM3A	Fine	Calm	9:15	4.0	Surface	1.0	1	17.2	8.2	33.1	8.1	102.4	3.0	1.6	8.1	4.0	1.5		
							2	17.2	8.2	33.1	8.1	102.5	3.1	1.7					
					Bottom	3.0	1	16.8	8.2	33.4	8.2	103.5	4.9	1.5					
							2	16.8	8.2	33.5	8.5	106.8	4.8	1.3					
TCE-WQM4	Fine	Calm	9:25	3.6	Surface	1.0	1	17.1	8.1	33.2	8.4	106.0	3.3	0.8	8.4	3.7	0.7		
							2	17.1	8.1	33.2	8.4	106.2	3.4	0.7					
					Bottom	2.6	1	17.1	8.1	33.3	8.4	106.8	4.2	0.6					
							2	17.1	8.1	33.2	8.5	106.9	4.1	0.6					

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

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
2022-02-14	Mid-Ebb	TCE-C1	Sunny	Moderate	10:35	8.4	Surface	1.0	1	17.7	8.2	31.4	8.4	106.1	5.5	4.0	8.3	10.3	3.5	
									2	17.8	8.2	31.4	8.3	105.9	5.9	4.0				
							Middle	4.2	1	18.0	8.2	32.9	8.2	105.2	10.2	3.9				
							Bottom	7.4	1	18.0	8.2	33.0	8.2	105.2	10.3	3.7				
						2	18.0	8.2	33.2	8.2	105.3	15.2	2.6	8.2						
				2	18.0	8.2	33.2	8.2	105.3	14.9	2.9									
		Surface	1.0	1	18.0	8.1	32.0	8.0	102.1	2.8	4.1									
				2	18.0	8.1	32.1	8.0	102.1	2.8	4.2									
				Middle	6.9	1	17.8	8.1	32.8	7.6	97.5	3.0	2.5	7.8						
						2	17.8	8.1	32.8	7.6	97.6	3.0	2.6							
		Bottom	12.8	1	17.8	8.1	33.0	7.7	98.3	3.2	1.7									
				2	17.8	8.1	33.0	7.7	98.4	3.2	1.9									
			TCE-WQM1	Sunny	Moderate	11:13	8.1	Surface	1.0	1	18.0	8.2	30.7	8.2	104.2	3.7	5.2	8.2		
									2	18.0	8.2	30.7	8.2	104.2	3.7	5.3				
			Middle					4.1	1	17.9	8.2	30.8	8.2	104.0	3.8	3.5				
			Bottom					7.1	1	17.9	8.2	30.8	8.2	104.0	3.8	3.1				
					2	17.9	8.2	30.8	8.2	104.0	3.8	2.9	8.2							
					2	17.9	8.2	30.8	8.2	104.0	3.8	2.8								
	Surface	1.0	1	17.9	8.2	31.1	8.2	104.0	2.6	2.7										
					2	17.9	8.2	31.1	8.2	104.0	2.6	2.8								
			Middle	3.6	1	17.8	8.1	31.4	8.1	102.2	2.8	2.6	8.1							
					2	17.8	8.1	31.4	8.0	102.0	2.9	2.4								
	Bottom	6.2	1	17.9	8.1	32.1	7.8	100.1	4.1	2.3										
			2	17.9	8.1	32.1	7.8	100.1	4.2	2.1										
		TCE-WQM2b	Sunny	Moderate	11:58	10.9	Surface	1.0	1	18.0	8.1	31.2	8.1	103.4	2.7	1.6	7.9			
								2	18.0	8.1	31.3	8.1	103.4	2.7	1.8					
		Middle					5.5	1	17.9	8.1	32.6	7.6	97.5	3.1	2.1					
		Bottom					9.9	1	17.9	8.1	32.6	7.6	97.4	3.1	2.3					
				2	17.8	8.1	32.7	7.6	97.5	3.1	2.7	7.6								
				2	17.8	8.1	32.7	7.6	97.6	3.2	3.0									
Surface	1.0	1	17.9	8.2	30.2	8.4	106.6	4.2	2.6											
				2	17.9	8.2	30.2	8.4	106.5	4.4	2.6									
		Middle		1	17.9	8.2	30.3	8.4	106.3	4.8	3.4	8.4								
		Bottom	3.6	1	17.9	8.2	30.2	8.4	106.2	5.1	3.6									
				2	18.0	8.2	30.2	8.4	106.2	5.1	3.6									
				2	18.0	8.2	30.5	8.4	106.5	3.9	5.3									
		TCE-WQM4	Sunny	Moderate	11:26	3.2	Surface	1.0	1	18.0	8.2	30.5	8.4	106.5	3.9	5.3	8.4			
								2	18.0	8.2	30.5	8.4	106.5	4.0	5.4					
		Bottom					2.2	1	18.0	8.2	30.6	8.4	106.3	4.7	6.4					
								2	18.0	8.2	30.6	8.4	106.3	5.0	6.0					
				2	18.0	8.2	30.6	8.4	106.3	5.0	6.0	8.4								
				2	18.0	8.2	30.6	8.4	106.3	4.7	6.4									
Surface	1.0	1	17.6	8.2	31.5	8.5	107.3	7.0	4.9											
				2	17.6	8.2	31.5	8.5	107.2	6.8	5.0									
		Middle	4.0	1	17.7	8.2	31.7	8.3	105.5	5.1	4.4	8.4								
		Bottom	7.0	1	17.9	8.2	32.7	8.2	105.0	12.6	3.9									
				2	17.9	8.2	32.7	8.2	105.1	14.1	3.9									
				2	17.9	8.2	32.7	8.2	105.1	14.1	3.9									
		TCE-C2	Cloudy	Moderate	6:01	13.6	Surface	1.0	1	17.7	8.0	31.0	8.1	101.8	2.7	2.6	7.8			
								2	17.7	8.0	31.1	8.0	101.7	2.7	2.4					
		Middle					6.8	1	17.9	8.0	32.6	7.5	96.5	3.6	3.4					
		Bottom					12.6	1	17.9	8.0	32.6	7.5	96.4	3.6	3.3					
				2	17.9	8.0	32.6	7.5	96.4	3.8	5.1	7.5								
				2	17.9	8.0	32.6	7.5	96.4	3.8	5.4									
Surface	1.0	1	17.8	8.1	30.8	8.2	104.1	3.5	3.0											
				2	17.8	8.1	30.8	8.2	104.1	3.5	3.2									
		Middle	4.2	1	17.8	8.1	30.8	8.2	104.0	3.6	3.2	8.2								
		Bottom	7.4	1	17.8	8.1	30.9	8.2	104.2	3.8	3.7									
				2	17.8	8.1	30.9	8.2	104.3	3.7	4.1									
				2	17.8	8.1	30.9	8.2	104.3	3.7	4.1									
		TCE-WQM2a	Cloudy	Moderate	6:42	7.4	Surface	1.0	1	17.7	8.1	30.1	8.4	105.3	2.8	1.6	8.3			
								2	17.7	8.1	30.1	8.4	105.3	2.8	1.8					
		Middle					3.7	1	17.8	8.1	30.6	8.2	103.5	3.6	1.9					
		Bottom					6.4	1	17.8	8.1	30.7	8.2	103.3	3.8	2.0					
				2	17.8	8.1	31.1	8.2	104.0	5.3	4.0	8.2								
				2	17.8	8.1	31.1	8.2	104.4	5.4	3.6									
Surface	1.0	1	17.7	8.1	30.5	8.2	102.7	3.0	1.8											
				2	17.7	8.1	30.6	8.1	102.5	3.1	2.0									
		Middle	5.8	1	17.8	8.1	31.5	8.0	101.2	4.2	2.4	8.1								
		Bottom	10.6	1	17.8	8.1	31.6	8.0	101.4	4.3	3.0									
				2	17.8	8.1	31.6	8.0	101.4	4.3	3.1									
				2	17.8	8.1	31.6	8.0	101.4	4.3	3.1									
		TCE-WQM3A	Cloudy	Moderate	6:53	4.5	Surface	1.0	1	17.6	8.1	30.1	8.3	104.6	3.4	2.0	8.3			
								2	17.6	8.1	30.1	8.3	104.6	3.4	2.3					
		Bottom					3.5	1	17.7	8.1	30.2	8.3	104.8	3.9	3.4					
								2	17.7	8.1	30.2	8.3	104.8	4.3	3.4					
		TCE-WQM4	Cloudy	Moderate	7:05	3.5	Surface	1.0	1	17.7	8.1	30.2	8.4	106.1	4.2	4.0	8.4			
								2	17.7	8.1	30.2	8.4	106.0	4.2	3.8					
		Bottom					2.5	1	17.7	8.1	30.4	8.5	106.7	4.7	6.3					
								2	17.7	8.1	30.4	8.5	107.0	4.9	5.8					

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)
2022-02-16	Mid-Ebb	TCE-C1	Fine	Moderate	11:32	8.0	Surface	1.0	1	17.5	8.3	30.7	8.1	101.9	2.7	6.6	8.0	4.8	7.1
									2	17.4	8.3	30.8	8.1	101.7	2.9	6.6			
							Middle	4.0	1	17.3	8.3	31.7	8.0	100.5	5.1	6.5			
							Bottom	7.0	1	17.2	8.3	31.8	8.0	100.3	5.2	6.7			
				2	17.2	8.3	32.0	7.9	99.9	6.6	7.9								
				2	17.2	8.3	32.0	7.9	100.0	6.2	8.4								
		TCE-C2	Fine	Moderate	13:20	12.4	Surface	1.0	1	17.4	8.2	31.8	7.5	94.3	1.0	3.5	7.4	1.5	4.9
									2	17.4	8.2	31.8	7.4	93.9	1.0	3.3			
							Middle	6.2	1	17.4	8.2	31.9	7.4	92.9	1.2	5.2			
							Bottom	11.4	1	17.4	8.2	31.9	7.4	92.8	1.2	5.6			
				2	17.4	8.2	31.9	7.4	92.9	2.3	5.8								
				2	17.4	8.2	31.9	7.5	94.2	2.2	5.8								
	TCE-WQM1	Fine	Moderate	12:10	8.6	Surface	1.0	1	17.5	8.3	30.9	7.8	98.6	1.1	2.6	7.8	1.2	2.7	
								2	17.5	8.3	30.9	7.8	98.6	1.1	2.4				
						Middle	4.3	1	17.5	8.3	30.9	7.8	98.5	1.2	2.5				
						Bottom	7.6	1	17.5	8.3	30.9	7.8	98.5	1.2	2.6				
			2	17.5	8.3	30.9	7.8	98.3	1.2	3.2									
			2	17.5	8.3	30.9	7.8	98.4	1.3	3.1									
	TCE-WQM2a	Fine	Moderate	12:43	8.2	Surface	1.0	1	17.5	8.3	31.1	7.9	99.5	1.1	3.5	7.9	1.2	6.1	
								2	17.5	8.3	31.1	7.9	99.5	1.1	3.0				
						Middle	4.1	1	17.5	8.3	31.1	7.9	98.9	1.2	3.1				
						Bottom	7.2	1	17.5	8.3	31.1	7.8	98.6	1.2	3.5				
			2	17.5	8.3	31.1	7.9	98.9	1.4	11.2									
			2	17.5	8.3	31.1	7.9	99.3	1.3	12.0									
	TCE-WQM2b	Fine	Moderate	12:55	10.2	Surface	1.0	1	17.5	8.3	31.2	7.8	98.1	1.1	11.4	7.8	1.4	11.1	
								2	17.5	8.3	31.2	7.8	98.0	1.1	12.2				
						Middle	5.1	1	17.5	8.3	31.2	7.7	97.5	1.2	11.1				
						Bottom	9.2	1	17.4	8.3	31.2	7.7	97.3	1.2	11.9				
			2	17.4	8.3	31.2	7.7	97.1	2.1	10.5									
			2	17.4	8.3	31.2	7.7	97.1	2.1	9.7									
	TCE-WQM3A	Cloudy	Moderate	12:33	4.0	Surface	1.0	1	17.5	8.3	31.0	7.8	98.0	1.0	4.0	7.8	1.1	3.3	
								2	17.5	8.3	31.0	7.8	97.8	1.1	3.3				
						Bottom	3.0	1	17.5	8.3	31.0	7.8	98.0	1.2	3.0				
			2	17.5	8.3	31.0	7.8	98.7	1.2	2.9									
	TCE-WQM4	Fine	Moderate	12:22	4.0	Surface	1.0	1	17.6	8.3	30.8	7.9	99.2	4.4	3.7	7.9	4.6	4.0	
								2	17.6	8.3	30.9	7.9	99.2	4.5	3.6				
Bottom						3.0	1	17.6	8.3	30.9	7.9	98.9	4.8	4.7					
		2	17.6	8.3	30.9	7.8	98.9	4.7	4.1										
2022-02-16	Mid-Flood	TCE-C1	Fine	Moderate	9:40	8.0	Surface	1.0	1	17.3	8.3	30.9	8.1	101.5	2.9	4.0	8.0	5.1	3.6
									2	17.3	8.3	31.2	8.0	100.9	2.8	4.1			
							Middle	4.0	1	17.2	8.3	31.8	8.0	100.3	3.2	3.2			
							Bottom	7.0	1	17.2	8.3	31.8	8.0	100.3	3.3	4.0			
				2	17.2	8.3	32.0	7.9	99.6	9.3	3.2								
				2	17.2	8.3	32.0	7.9	99.6	9.3	2.8								
		TCE-C2	Cloudy	Moderate	7:47	12.8	Surface	1.0	1	17.4	8.2	31.3	7.5	94.5	1.1	6.6	7.4	3.4	5.4
									2	17.4	8.2	31.3	7.5	94.4	1.0	7.0			
							Middle	6.4	1	17.4	8.2	31.6	7.4	93.1	3.1	4.8			
							Bottom	11.8	1	17.4	8.2	31.6	7.4	92.9	5.7	4.8			
				2	17.4	8.2	31.6	7.4	92.9	5.8	4.6								
		TCE-WQM1	Fine	Moderate	8:56	8.2	Surface	1.0	1	17.4	8.3	30.8	7.8	97.4	1.0	2.5	7.7	1.1	3.0
									2	17.4	8.3	30.8	7.8	97.3	1.0	3.3			
							Middle	4.1	1	17.4	8.3	30.8	7.7	97.1	1.1	2.6			
							Bottom	7.2	1	17.4	8.3	30.8	7.7	97.1	1.1	3.0			
				2	17.4	8.2	30.8	7.7	96.6	1.1	3.8								
				2	17.4	8.2	30.8	7.7	96.6	1.1	2.6								
		TCE-WQM2a	Fine	Moderate	8:24	7.3	Surface	1.0	1	17.4	8.3	31.1	7.8	97.9	1.1	6.5	7.8	1.5	5.7
									2	17.4	8.3	31.1	7.8	97.9	1.1	6.9			
							Middle	3.7	1	17.4	8.3	31.1	7.8	97.5	1.1	6.3			
							Bottom	6.3	1	17.4	8.2	31.1	7.7	97.3	1.2	6.0			
				2	17.4	8.3	31.1	7.7	97.1	2.2	4.7								
				2	17.4	8.3	31.1	7.7	97.2	2.3	3.8								
		TCE-WQM2b	Cloudy	Moderate	8:10	10.6	Surface	1.0	1	17.4	8.2	31.2	7.8	97.5	2.7	2.7	7.7	3.2	3.8
									2	17.4	8.2	31.2	7.7	97.5	2.6	2.4			
							Middle	5.3	1	17.4	8.2	31.2	7.7	97.4	3.3	3.5			
							Bottom	9.6	1	17.4	8.2	31.2	7.7	97.4	3.3	4.2			
				2	17.4	8.2	31.2	7.7	97.1	3.6	4.9								
				2	17.4	8.2	31.2	7.7	97.1	3.8	4.8								
		TCE-WQM3A	Fine	Moderate	8:35	4.0	Surface	1.0	1	17.4	8.2	30.9	7.6	95.5	1.1	2.4	7.6	1.1	4.0
									2	17.4	8.2	31.0	7.6	95.0	1.0	3.2			
							Bottom	3.0	1	17.4	8.2	31.0	7.6	95.4	1.1	5.0			
				2	17.4	8.2	31.0	7.6	95.5	1.2	5.3								
		TCE-WQM4	Fine	Moderate	8:45	3.6	Surface	1.0	1	17.4	8.2	30.9	7.7	96.6	1.1	2.5	7.7	1.1	2.8
									2	17.4	8.2	30.9	7.7	96.4	1.0	2.4			
							Bottom	2.6	1	17.4	8.2	31.0	7.7	96.2	1.1	3.3			
		2	17.4	8.2	31.0	7.7	96.3	1.1	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)
2022-02-18	Mid-Ebb	TCE-C1	Fine	Rough	12:32	7.9	Surface	1.0	1	17.8	8.2	32.2	8.6	109.8	4.2	6.4	8.6	6.1	5.5
									2	17.8	8.2	32.3	8.6	109.8	4.6	5.2			
							Middle	4.0	1	17.7	8.2	32.9	8.5	109.1	5.8	5.6			
							Bottom	6.9	1	17.6	8.2	33.3	8.4	107.2	8.0	4.7			
				2	17.6	8.2	33.3	8.4	107.4	7.9	4.4								
				2	18.0	8.2	32.6	8.0	102.1	2.7	2.0								
				2	18.0	8.2	32.6	8.0	102.0	2.8	2.6								
				1	17.9	8.2	32.6	7.9	101.7	2.8	2.3								
				2	17.9	8.2	32.6	7.9	101.6	2.8	3.3								
				1	17.9	8.2	32.6	8.0	101.8	3.0	3.3								
				2	17.9	8.2	32.6	8.0	101.9	2.9	2.2								
				2	17.9	8.2	32.0	8.3	105.6	3.9	6.1								
			2	17.8	8.2	32.0	8.3	105.6	3.8	5.8									
			1	17.7	8.2	32.1	8.3	105.2	4.4	5.1									
			2	17.7	8.2	32.1	8.3	105.2	4.4	4.9									
			1	17.7	8.2	32.1	8.3	105.1	4.4	4.1									
			2	17.7	8.2	32.1	8.3	105.2	4.4	4.1									
			1	17.9	8.2	32.0	8.3	105.8	3.0	3.3									
			2	17.9	8.2	32.0	8.3	105.8	3.0	2.9									
			1	17.9	8.2	32.0	8.3	105.5	3.0	3.0									
			2	17.9	8.2	32.0	8.3	105.4	3.0	3.4									
			1	17.9	8.2	32.0	8.2	104.8	3.3	5.7									
			2	17.9	8.2	32.0	8.2	104.9	3.4	6.0									
			1	17.9	8.2	32.0	8.3	105.6	3.0	2.5									
			2	17.9	8.2	32.0	8.3	105.5	3.1	3.7									
			1	17.9	8.2	32.0	8.2	105.2	3.0	3.0									
			2	17.9	8.2	32.0	8.2	105.2	2.9	4.2									
			1	17.9	8.2	32.0	8.2	105.3	3.0	3.6									
			2	17.9	8.2	32.0	8.2	105.3	3.0	4.6									
			1	17.9	8.2	32.0	8.3	105.5	3.7	5.5									
			2	17.9	8.2	32.0	8.3	105.4	3.7	4.8									
			1	17.9	8.2	32.0	8.3	105.7	4.1	3.6									
			2	17.9	8.2	32.0	8.3	105.8	4.1	3.9									
			1	17.9	8.2	31.9	8.5	108.1	4.2	4.4									
			2	17.9	8.2	31.9	8.5	108.0	4.3	3.5									
			1	17.9	8.2	31.9	8.5	108.0	5.3	3.4									
		2	17.9	8.2	31.9	8.4	107.6	5.2	3.4										
2022-02-18	Mid-Flood	TCE-C1	Cloudy	Moderate	10:30	7.6	Surface	1.0	1	17.6	8.2	32.4	8.4	107.4	5.3	6.0	8.4	7.1	7.0
									2	17.6	8.2	32.4	8.4	107.3	5.4	6.5			
							Middle	3.8	1	17.6	8.2	32.9	8.3	106.4	7.3	6.8			
							Bottom	6.6	1	17.6	8.2	33.0	8.3	106.4	7.2	6.2			
				2	17.6	8.2	33.2	8.3	106.0	8.6	8.4								
				1	17.6	8.2	33.1	8.3	105.9	8.7	7.8								
				1	17.9	8.1	32.1	8.0	102.2	3.4	4.3								
				2	17.9	8.1	32.1	8.0	102.1	3.4	5.2								
				1	17.9	8.1	32.2	7.9	101.2	5.2	4.7								
				2	17.9	8.1	32.2	7.9	101.2	4.9	4.9								
				1	17.9	8.1	32.2	7.9	101.2	5.8	4.0								
				2	17.9	8.1	32.2	7.9	101.4	5.3	3.9								
				1	17.6	8.2	31.9	8.1	103.0	3.4	4.1								
				2	17.6	8.2	31.9	8.1	103.0	3.4	5.3								
				1	17.6	8.2	31.9	8.1	102.9	3.3	5.0								
				2	17.6	8.2	31.9	8.1	102.9	3.4	4.2								
				1	17.6	8.2	31.9	8.1	102.9	3.5	3.2								
				2	17.6	8.2	31.8	8.2	103.9	3.5	3.9								
				1	17.8	8.2	32.0	8.1	103.2	4.0	4.1								
				2	17.8	8.2	32.0	8.1	103.2	4.0	4.3								
				1	17.8	8.2	32.0	8.1	103.1	4.2	5.4								
				2	17.8	8.2	32.0	8.1	103.0	4.3	5.8								
				1	17.8	8.2	32.0	8.1	102.7	6.8	4.6								
				2	17.7	8.2	32.0	8.1	102.6	6.8	5.3								
				1	17.9	8.1	31.8	8.1	103.4	4.6	4.1								
				2	17.9	8.1	31.8	8.1	103.4	4.6	4.6								
				1	17.9	8.1	31.9	8.1	103.3	4.7	6.3								
				2	17.9	8.1	31.8	8.1	103.4	5.0	5.6								
				1	17.9	8.2	31.8	8.1	103.4	5.1	5.8								
				2	17.9	8.2	31.9	8.1	103.4	5.2	6.3								
				1	17.8	8.1	32.1	8.0	101.3	3.4	3.2								
				2	17.8	8.1	32.1	8.0	101.3	3.4	3.4								
				1	17.8	8.1	32.1	7.9	101.1	3.4	4.9								
				2	17.8	8.1	32.1	7.9	101.2	3.4	3.8								
				1	17.7	8.2	31.9	8.1	103.5	3.2	3.8								
				2	17.7	8.2	31.9	8.1	103.4	3.3	3.9								
		1	17.7	8.2	32.0	8.1	102.8	3.6	2.9										
		2	17.7	8.2	32.0	8.1	102.8	3.6	4.0										

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
2022-02-21	Mid-Ebb	TCE-C1	Rainy	Moderate	14:24	8.5	Surface	1.0	1	15.8	8.2	32.8	8.5	103.4	12.0	4.6	8.5	12.5	5.1
									2	15.8	8.2	32.8	8.5	103.4	12.3	5.1			
							Middle	4.3	1	15.8	8.2	32.8	8.5	103.2	10.9	4.7			
							Bottom	7.5	1	15.8	8.2	32.8	8.5	103.2	14.6	5.2			
				2	15.8	8.2	32.8	8.5	103.2	14.3	5.5								
		TCE-C2	Rainy	Moderate	16:25	13.8	Surface	1.0	1	16.6	8.2	32.4	8.1	100.3	3.6	3.1	8.1	3.8	3.7
									2	16.6	8.2	32.4	8.1	100.3	3.6	3.6			
							Middle	6.9	1	16.7	8.2	32.4	8.1	100.0	3.7	4.0			
							Bottom	12.8	1	16.7	8.2	32.4	8.1	100.1	3.7	3.7			
				2	16.7	8.2	32.4	8.1	100.3	4.0	3.7								
				2	16.7	8.2	32.4	8.1	100.4	4.0	4.2								
		TCE-WQM1	Rainy	Moderate	15:06	7.8	Surface	1.0	1	15.8	8.2	31.1	8.4	101.0	4.5	13.8	8.4	4.7	9.6
								2	15.8	8.2	31.1	8.4	100.9	4.6	14.4				
	Middle						3.9	1	15.8	8.2	31.2	8.4	101.1	4.8	7.3				
	Bottom						6.8	1	15.8	8.2	31.2	8.4	101.2	4.9	7.6				
			2	15.8	8.2	31.1	8.4	101.5	4.8	7.2									
			2	15.8	8.2	31.1	8.4	101.6	4.8	7.1									
	TCE-WQM2a	Rainy	Moderate	15:40	7.7	Surface	1.0	1	16.6	8.2	32.4	8.2	101.3	3.7	4.2	8.2	3.7	4.2	
								2	16.6	8.2	32.4	8.2	101.3	3.7	4.1				
						Middle	3.9	1	16.6	8.2	32.4	8.3	101.9	3.7	4.2				
						Bottom	6.7	1	16.6	8.2	32.4	8.3	102.0	3.6	3.4				
			2	16.5	8.2	32.4	8.4	102.8	3.6	4.6									
			2	16.5	8.2	32.4	8.4	102.9	3.7	4.8									
	TCE-WQM2b	Rainy	Moderate	15:49	12.0	Surface	1.0	1	16.6	8.2	32.4	8.1	100.4	3.7	2.8	8.1	5.3	3.8	
							2	16.6	8.2	32.4	8.1	100.4	3.8	3.8					
Middle						6.0	1	16.7	8.2	32.4	8.1	100.2	4.7	3.6					
Bottom						11.0	1	16.7	8.2	32.4	8.1	100.1	5.3	3.8					
		2	16.7	8.2	32.4	8.1	100.3	7.1	4.1										
		2	16.7	8.2	32.4	8.1	100.3	7.1	4.8										
TCE-WQM3A	Rainy	Moderate	15:29	4.9	Surface	1.0	1	16.3	8.2	31.4	8.2	99.3	4.4	2.8	8.2	4.8	3.6		
							2	16.3	8.2	31.4	8.2	99.3	4.4	3.6					
					Bottom	3.9	1	16.3	8.2	31.5	8.2	99.3	5.1	3.7					
							2	16.3	8.2	31.5	8.2	99.3	5.4	4.3					
TCE-WQM4	Rainy	Moderate	15:17	3.6	Surface	1.0	1	16.4	8.2	31.7	8.2	99.9	6.7	4.3	8.2	7.5	4.3		
							2	16.4	8.2	31.7	8.2	100.0	6.8	3.4					
					Bottom	2.6	1	16.5	8.2	31.9	8.2	100.5	8.0	5.3					
							2	16.5	8.2	31.9	8.2	100.6	8.4	4.0					
		2	16.5	8.2	31.9	8.2	100.6	8.4	4.0										
2022-02-21	Mid-Flood	TCE-C1	Rainy	Moderate	11:14	8.8	Surface	1.0	1	15.8	8.2	32.8	8.5	103.2	10.7	15.8	8.5	9.2	13.2
									2	15.8	8.2	32.8	8.5	103.1	10.6	15.2			
							Middle	4.4	1	15.8	8.2	32.8	8.5	102.8	8.2	12.8			
							Bottom	7.8	1	15.8	8.2	32.8	8.5	102.8	8.1	11.7			
				2	15.8	8.2	32.8	8.5	102.7	8.5	11.4								
				2	15.8	8.2	32.8	8.5	102.7	8.9	12.0								
		TCE-C2	Rainy	Moderate	9:28	13.8	Surface	1.0	1	16.7	8.1	32.4	8.1	100.0	3.4	2.9	8.1	3.9	3.1
									2	16.7	8.1	32.4	8.1	100.0	3.8	2.8			
							Middle	6.9	1	16.7	8.1	32.4	8.1	99.7	4.2	3.0			
							Bottom	12.8	1	16.6	8.0	32.4	8.1	100.2	4.0	2.7			
				2	16.6	8.0	32.4	8.2	100.4	3.9	3.6								
		TCE-WQM1	Rainy	Moderate	10:42	8.4	Surface	1.0	1	15.7	8.2	31.0	8.4	100.6	5.5	4.7	8.4	8.4	4.1
								2	15.7	8.2	31.0	8.4	100.6	5.8	5.5				
	Middle						4.2	1	15.7	8.2	31.2	8.4	100.2	8.6	4.4				
	Bottom						7.4	1	15.7	8.2	31.2	8.4	100.2	8.8	3.3				
			2	15.7	8.2	31.2	8.3	100.0	10.6	3.7									
			2	15.7	8.2	31.2	8.3	100.0	11.1	2.8									
	TCE-WQM2a	Rainy	Moderate	10:02	7.2	Surface	1.0	1	16.5	8.1	32.2	8.2	100.3	4.2	4.2	8.2	4.4	3.7	
								2	16.5	8.1	32.2	8.2	100.3	4.2	3.5				
						Middle	3.6	1	16.5	8.1	32.2	8.2	100.0	4.5	3.8				
						Bottom	6.2	1	16.6	8.1	32.2	8.1	100.0	4.6	3.6				
			2	16.6	8.1	32.2	8.1	100.1	4.4	4.1									
			2	16.5	8.1	32.2	8.2	100.0	4.4	2.9									
	TCE-WQM2b	Rainy	Moderate	9:51	11.4	Surface	1.0	1	16.5	8.1	32.2	8.1	99.8	4.4	4.6	8.1	5.6	4.4	
							2	16.5	8.1	32.2	8.1	99.8	4.4	5.2					
Middle						5.7	1	16.5	8.1	32.2	8.1	99.4	5.0	3.6					
Bottom						10.4	1	16.5	8.1	32.2	8.1	99.3	5.1	4.4					
		2	16.5	8.1	32.2	8.1	98.8	7.4	4.4										
		2	16.5	8.1	32.2	8.1	98.8	7.4	4.2										
TCE-WQM3A	Rainy	Moderate	10:12	4.6	Surface	1.0	1	16.2	8.1	31.2	8.1	98.5	4.7	2.5	8.1	4.8	3.4		
							2	16.2	8.1	31.2	8.1	98.6	4.7	3.6					
					Bottom	3.6	1	16.3	8.2	31.5	8.2	99.2	5.0	3.4					
							2	16.3	8.2	31.5	8.2	99.2	5.0	4.2					
TCE-WQM4	Rainy	Moderate	10:22	3.2	Surface	1.0	1	16.4	8.1	31.5	8.1	98.8	4.2	4.4	8.1	4.2	3.8		
							2	16.4	8.1	31.5	8.1	98.8	4.2	4.0					
					Bottom	2.2	1	16.3	8.1	31.4	8.1	98.9	4.2	3.9					
							2	16.3	8.1	31.4	8.1	98.9	4.2	2.8					

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)
2022-02-23	Mid-Ebb	TCE-C1	Fine	Moderate	16:07	8.0	Surface	1.0	1	16.2	8.3	31.7	8.1	97.9	2.6	5.1	8.0	4.7	4.8
									2	16.2	8.3	31.9	8.1	97.7	2.9	5.2			
							Middle	4.0	1	16.6	8.3	32.8	7.8	96.5	5.0	4.8			
							Bottom	7.0	1	16.7	8.2	33.0	7.8	95.9	6.5	4.3			
				2	16.7	8.2	33.0	7.8	96.0	6.2	4.4								
		TCE-C2	Fine	Moderate	17:55	12.4	Surface	1.0	1	16.2	8.2	32.9	7.7	94.3	1.0	4.8	7.7	1.5	5.3
									2	15.8	8.2	32.9	7.7	93.9	1.0	4.6			
							Middle	6.2	1	15.8	8.2	32.9	7.6	92.9	1.1	5.2			
							Bottom	11.4	1	16.2	8.2	32.9	7.6	92.8	1.1	5.4			
				2	16.2	8.2	32.9	7.6	92.9	2.3	5.8								
		TCE-WQM1	Fine	Moderate	16:45	8.6	Surface	1.0	1	16.7	8.3	32.0	8.0	98.6	1.0	4.6	7.9	1.2	4.9
									2	16.7	8.3	32.0	8.0	98.6	1.0	4.4			
	Middle						4.3	1	16.2	8.3	32.0	7.8	94.5	1.1	4.8				
	Bottom						7.6	1	16.2	8.3	32.0	7.8	94.5	1.2	5.1				
			2	15.8	8.3	32.0	7.8	94.3	1.3	5.2									
	TCE-WQM2a	Fine	Moderate	17:18	8.2	Surface	1.0	1	16.2	8.3	32.1	8.2	99.5	1.0	6.2	8.1	1.5	5.3	
								2	16.2	8.3	32.1	8.2	99.5	1.0	5.9				
						Middle	4.1	1	16.6	8.3	32.1	8.1	98.9	1.1	5.1				
						Bottom	7.2	1	16.7	8.3	32.1	8.0	98.6	1.1	5.0				
			2	16.7	8.3	32.1	8.0	98.9	2.2	4.5									
	TCE-WQM2b	Fine	Moderate	17:30	10.2	Surface	1.0	1	16.6	8.3	32.2	8.0	98.1	1.0	4.5	8.0	1.4	5.0	
								2	16.7	8.3	32.2	8.0	98.0	1.0	4.7				
						Middle	5.1	1	16.7	8.3	32.2	7.9	97.5	1.1	5.2				
						Bottom	9.2	1	15.8	8.3	32.2	8.0	97.3	1.1	5.1				
		2	15.8	8.3	32.3	8.0	97.1	2.1	5.3										
TCE-WQM3A	Cloudy	Moderate	17:08	4.0	Surface	1.0	1	16.2	8.3	32.0	8.0	98.0	1.1	5.6	8.0	1.1	4.9		
							2	16.6	8.2	32.0	8.0	97.8	1.0	5.6					
					Bottom	3.0	1	16.6	8.2	32.1	8.0	98.0	1.2	4.2					
							2	16.7	8.2	32.0	8.0	98.7	1.2	4.0					
TCE-WQM4	Fine	Moderate	16:57	4.0	Surface	1.0	1	16.7	8.3	31.9	8.1	99.2	3.3	4.8	8.1	4.0	4.9		
							2	16.2	8.3	31.9	8.2	99.2	3.3	4.8					
					Bottom	3.0	1	16.6	8.3	31.9	8.1	98.9	4.7	4.9					
							2	16.6	8.3	31.9	8.1	98.9	4.8	5.0					
2022-02-23	Mid-Flood	TCE-C1	Fine	Moderate	11:20	8.0	Surface	1.0	1	15.9	8.3	31.9	8.1	97.5	2.8	3.4	8.0	3.4	4.4
									2	15.8	8.3	32.2	8.0	96.9	2.8	3.8			
							Middle	4.0	1	16.1	8.3	32.8	8.0	96.3	3.2	4.3			
							Bottom	7.0	1	16.1	8.3	32.8	8.0	96.3	3.3	4.4			
				2	16.6	8.3	32.5	8.1	99.6	4.3	5.0								
		TCE-C2	Fine	Moderate	9:27	12.8	Surface	1.0	1	16.6	8.3	32.3	7.7	94.5	1.0	3.7	7.6	3.2	4.1
									2	16.6	8.2	32.3	7.7	94.4	1.1	3.8			
							Middle	6.4	1	16.7	8.3	32.6	7.6	93.1	3.5	4.0			
							Bottom	11.8	1	16.7	8.3	32.6	7.5	93.1	3.4	4.2			
				2	16.7	8.3	32.6	7.5	92.9	5.0	4.4								
		TCE-WQM1	Fine	Moderate	10:36	8.2	Surface	1.0	1	16.7	8.2	31.8	7.9	97.4	1.1	5.2	7.9	2.1	4.7
									2	16.7	8.3	31.8	7.9	97.3	1.1	5.0			
							Middle	4.1	1	16.7	8.3	31.9	7.9	97.1	2.1	4.7			
							Bottom	7.2	1	16.7	8.3	31.9	7.9	97.1	2.1	4.7			
				2	16.4	8.2	31.9	7.9	96.6	3.1	4.1								
		TCE-WQM2a	Fine	Moderate	10:04	7.3	Surface	1.0	1	16.2	8.2	31.9	7.9	96.6	3.1	4.2	7.9	1.4	4.5
									2	16.6	8.3	32.1	8.0	97.9	1.0	4.7			
							Middle	3.7	1	16.7	8.3	32.1	7.9	97.5	1.1	4.6			
							Bottom	6.3	1	16.7	8.2	32.1	7.9	97.3	1.1	4.4			
				2	16.7	8.3	32.1	7.9	97.1	2.2	4.3								
		TCE-WQM2b	Fine	Moderate	9:50	10.6	Surface	1.0	1	16.2	8.2	32.2	8.0	97.5	2.6	4.4	8.0	3.2	3.7
									2	16.2	8.2	32.2	8.0	97.5	2.6	4.2			
							Middle	5.3	1	15.9	8.2	32.2	8.0	97.4	3.2	3.5			
							Bottom	9.6	1	15.8	8.3	32.2	8.1	97.4	3.3	3.7			
		2	16.1	8.3	32.2	8.0	97.1	3.6	3.2										
TCE-WQM3A	Fine	Moderate	10:15	4.0	Surface	1.0	1	15.8	8.2	32.0	7.9	95.5	1.0	4.8	7.9	1.1	4.2		
							2	16.1	8.2	32.0	7.8	95.0	1.0	4.3					
					Bottom	3.0	1	16.1	8.2	32.0	7.9	95.4	1.1	3.8					
							2	16.6	8.2	32.0	7.8	95.5	1.1	3.7					
TCE-WQM4	Fine	Moderate	10:25	3.6	Surface	1.0	1	16.4	8.2	31.9	7.9	96.6	1.0	4.0	7.9	1.5	3.8		
							2	16.2	8.2	31.9	7.9	96.4	1.0	3.8					
					Bottom	2.6	1	16.2	8.2	32.0	7.9	96.2	2.0	3.8					
							2	15.9	8.2	32.0	8.0	96.3	2.1	3.6					

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
2022-02-25	Mid-Ebb	TCE-C1	Fine	Rough	18:49	8.0	Surface	1.0	1	15.7	8.2	32.7	8.4	102.6	10.8	1.6	8.5	11.6	1.9
									2	15.7	8.2	32.8	8.6	105.0	10.4	1.9			
							Middle	4.0	1	15.7	8.2	32.8	8.5	104.6	10.5	1.7			
							Bottom	7.0	1	15.9	8.1	32.8	8.4	103.5	10.6	1.5			
						2	15.9	8.1	32.9	8.5	105.3	13.7	2.1	8.5	3.4	2.6			
		TCE-C2	Fine	Rough	21:10	12.4	Surface	1.0	1	16.5	8.2	32.4	8.1				100.8	2.9	2.2
								2	16.8	8.1	32.3	7.9	98.8				3.3	2.9	
		Middle					6.2	1	16.8	8.1	32.5	7.8	98.4				4.5	1.5	
		Bottom					11.4	1	16.7	8.1	32.5	7.9	98.6	4.2	2.5				
						2	16.7	8.1	32.5	7.9	98.7	2.7	2.8	8.0	4.4	2.1			
		TCE-WQM1	Fine	Rough	19:37	8.6	Surface	1.0	1	15.8	8.3	31.0	8.2				100.5	5.1	1.5
								2	15.8	8.3	31.1	8.2	100.5				5.5	2.5	
	Middle	4.3					1	15.8	8.3	31.2	8.2	100.4	3.6				2.0		
	Bottom	7.6					1	15.8	8.2	31.2	8.4	102.5	3.9	2.6					
					2	15.8	8.1	31.0	8.4	102.4	4.3	1.7	8.4	4.0	2.9				
	TCE-WQM2a	Fine	Rough	20:20	8.2	Surface	1.0	1	16.6	8.2	32.6	8.0				100.4	3.1	2.4	
							2	16.6	8.2	32.6	8.0	100.4				3.1	2.8		
	Middle					4.1	1	16.6	8.1	32.5	8.2	102.2				4.1	2.5		
	Bottom					7.2	1	16.4	8.2	32.5	8.2	102.7	4.8	3.0					
					2	16.4	8.2	32.4	8.3	102.9	4.5	3.4	8.2	3.9	2.2				
	TCE-WQM2b	Fine	Rough	20:33	10.2	Surface	1.0	1	16.6	8.0	32.4	8.2				102.0	3.2	2.1	
							2	16.6	8.1	32.3	8.1	101.7				3.6	2.0		
	Middle					5.1	1	16.6	8.1	32.5	8.1	102.0				4.7	2.1		
	Bottom					9.2	1	16.7	8.2	32.4	8.1	101.7	4.7	2.3					
				2	16.7	8.2	32.5	8.1	101.5	3.7	2.9	8.0	5.8	3.1					
TCE-WQM3A	Cloudy	Rough	20:04	4.0	Surface	1.0	1	16.4	8.2	31.3	8.1				99.9	5.0	3.3		
						2	16.3	8.1	31.3	7.8	96.8				5.6	2.3			
Bottom					3.0	1	16.3	8.1	31.5	7.9	97.3				6.0	3.2			
						2	16.5	8.2	31.6	8.1	100.4	6.4	3.6						
				2	16.5	8.2	31.6	8.1	100.4	6.1	2.8	8.1	5.7	2.3					
TCE-WQM4	Fine	Rough	19:52	4.0	Surface	1.0	1	16.5	8.2	31.6	8.1				100.8	6.1	2.8		
						2	16.6	8.1	31.8	8.1	101.3				6.3	2.2			
Bottom					3.0	1	16.6	8.1	31.8	8.1	101.3				5.2	2.1			
						2	15.8	8.0	31.8	8.2	100.7	5.1	2.0						
2022-02-25	Mid-Flood	TCE-C1	Fine	Rough	8:46	8.0	Surface	1.0	1	15.9	8.3	32.9	8.3	102.3	9.5	2.4	8.4	8.5	2.7
									2	15.9	8.3	32.8	8.3	102.7	9.9	2.2			
							Middle	4.0	1	15.8	8.1	32.8	8.4	103.5	7.5	2.2			
							Bottom	7.0	1	15.8	8.1	32.9	8.4	103.6	7.8	2.2			
						2	15.9	8.2	32.7	8.5	104.9	7.9	3.3	8.5	3.7	2.6			
		TCE-C2	Fine	Rough	6:50	12.8	Surface	1.0	1	16.8	8.1	32.3	7.9				98.5	3.7	1.4
								2	16.8	8.1	32.4	7.8	98.2				3.9	2.2	
		Middle					6.4	1	16.7	7.9	32.4	7.9	99.4				3.2	1.6	
		Bottom					11.8	1	16.7	7.9	32.4	7.9	99.0	3.5	3.0				
						2	16.7	8.1	32.3	8.1	100.8	4.0	3.3	8.1	4.7	2.8			
		TCE-WQM1	Fine	Rough	8:25	8.2	Surface	1.0	1	16.7	8.1	32.4	8.1				101.2	3.6	4.0
								2	16.7	8.1	32.4	8.1	101.2				3.6	4.0	
		Middle					4.1	1	15.6	8.1	31.1	8.1	99.1				7.9	1.7	
		Bottom					7.2	1	15.6	8.1	31.2	8.1	98.8	8.3	2.2				
						2	15.8	8.3	31.2	8.5	102.8	10.5	3.1	8.5	5.3	1.8			
		TCE-WQM2a	Fine	Rough	7:42	7.3	Surface	1.0	1	16.4	8.1	32.1	7.9				97.6	5.2	2.1
								2	16.4	8.1	32.1	7.9	97.6				5.2	2.1	
		Middle					3.7	1	16.6	8.2	32.0	7.9	98.7				5.1	3.4	
		Bottom					6.3	1	16.6	8.2	32.3	7.9	98.9	5.0	3.1				
						2	16.5	8.0	32.3	7.9	98.0	3.8	2.9	7.9	6.2	2.1			
		TCE-WQM2b	Fine	Rough	7:27	10.6	Surface	1.0	1	16.6	8.1	32.3	7.9				97.6	4.0	3.3
								2	16.6	8.1	32.4	7.9	98.2				4.6	2.6	
		Middle					5.3	1	16.6	8.1	32.4	8.0	99.7				6.4	2.3	
		Bottom					9.6	1	16.6	8.1	32.2	8.0	99.9	6.0	1.6				
				2	16.5	8.1	32.0	8.1	100.7	7.7	1.6	8.2	4.4	3.0					
TCE-WQM3A	Fine	Rough	8:00	4.0	Surface	1.0	1	16.1	8.3	31.2	8.2				101.0	5.4	2.1		
						2	16.1	8.3	31.2	8.2	100.7				5.5	2.0			
Bottom					3.0	1	16.4	8.1	31.4	7.9	97.4				5.0	1.6			
						2	16.4	8.1	31.6	7.9	97.6	5.4	1.6						
				2	16.5	8.1	32.3	8.1	100.5	7.7	1.9	8.1	5.3	1.8					
TCE-WQM4	Fine	Rough	8:11	3.6	Surface	1.0	1	16.5	8.2	31.6	8.1				99.3	4.5	3.0		
						2	16.5	8.2	31.4	8.0	99.1				4.8	2.2			
Bottom					2.6	1	16.4	8.2	31.4	7.9	97.6				4.3	3.2			
						2	16.4	8.2	31.5	7.9	97.2	3.9	3.6						

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
2022-02-28	Mid-Ebb	TCE-C1	Fine	Rough	12:24	7.9	Surface	1.0	1	16.2	8.3	32.8	8.3	103.5	10.8	1.8	8.3	9.4	2.4
									2	16.2	8.3	33.0	8.3	103.1	11.1	1.6			
							Middle	4.0	1	16.5	8.2	32.7	8.3	103.4	7.8	2.2			
							Bottom	6.9	1	16.2	8.3	32.8	8.3	103.2	7.6	3.2			
				2	16.2	8.3	32.5	8.0	99.7	9.6	2.9	8.0							
				2	16.2	8.3	32.5	8.0	99.5	9.7	2.8								
		Surface	1.0	1	17.4	8.3	32.4	7.9	99.9	3.3	2.3								
				2	17.4	8.3	32.3	7.9	99.8	3.3	2.6								
				1	17.5	8.1	32.3	7.8	98.4	4.4	2.8	7.9							
		Middle	6.3	2	17.5	8.1	32.3	7.8	98.9	4.4	2.3								
				1	17.1	8.0	32.5	8.0	100.4	2.7	3.8								
		Bottom	11.5	2	17.1	8.0	32.6	8.0	100.8	2.9	3.8								
			1	16.4	8.3	31.0	8.3	101.8	5.4	3.0	8.3								
	Surface	1.0	2	16.4	8.2	31.1	8.2	101.4	5.7	2.6									
	Middle	4.0	1	16.3	8.4	30.9	8.3	102.7	3.6	2.7									
	Bottom	7.0	1	16.2	8.4	31.4	8.3	102.6	3.5	2.9									
			2	16.2	8.4	31.3	8.0	98.0	4.0	3.0	8.0								
	Surface	1.0	1	17.0	8.2	32.2	7.9	99.5	4.4	2.6									
			2	17.0	8.2	32.2	7.9	99.5	4.4	2.9									
	Middle	3.7	1	17.4	8.2	32.2	7.6	96.5	5.4	2.4									
			2	17.4	8.2	32.0	7.6	96.6	5.6	2.3	7.8								
	Bottom	6.4	1	16.9	8.1	32.0	8.1	101.2	4.1	3.7									
			2	16.9	8.1	32.1	8.1	101.4	4.1	3.3									
	Surface	1.0	1	17.1	8.1	32.1	7.8	97.9	3.8	2.3				7.9					
		2	17.1	8.1	32.3	7.8	98.4	3.6	2.9										
Middle	5.6	1	17.2	8.2	32.0	7.9	99.3	3.7	2.2										
Bottom	10.1	2	17.2	8.2	32.1	7.9	99.7	3.7	3.0										
		1	17.0	8.2	32.2	7.9	99.1	3.7	2.5	7.9									
Surface	1.0	2	17.0	8.2	32.1	7.9	99.5	3.5	2.5										
		1	16.9	8.0	31.1	7.8	97.1	5.0	2.3										
Bottom	3.1	1	16.9	8.1	31.4	8.1	100.6	5.0	3.4										
		2	16.9	8.1	31.3	8.1	101.0	4.7	2.9	8.1									
Surface	1.0	1	16.9	8.2	31.5	8.0	99.3	4.0	3.8										
		2	16.9	8.2	31.3	8.0	99.6	4.3	3.3										
Bottom	2.7	1	16.7	8.2	31.6	7.8	96.9	4.1	1.8										
		2	16.7	8.2	31.3	7.8	97.1	4.2	2.0	7.8									
Surface	1.0	1	16.5	8.3	32.9	8.5	106.2	12.1	4.8										
		2	16.5	8.2	32.9	8.4	101.5	11.0	4.9										
Middle	4.2	1	16.5	8.2	32.9	8.1	101.8	10.6	4.2										
		2	16.4	8.0	33.0	8.0	99.6	10.2	4.4	8.3									
Bottom	7.4	1	16.4	8.0	32.9	8.0	99.2	13.8	3.1										
		2	16.3	8.1	32.9	8.1	101.2	13.2	3.1										
Surface	1.0	1	17.1	8.1	32.6	8.2	103.1	3.8	3.8				8.1						
		2	17.1	8.2	32.5	8.1	101.8	3.5	3.6										
Middle	6.5	1	17.1	8.2	32.5	8.1	101.9	3.0	3.0										
Bottom	11.9	2	17.3	8.1	32.4	8.0	96.4	2.9	3.5										
		1	17.3	8.1	32.3	7.6	96.1	4.2	3.0	7.7									
Surface	1.0	2	17.2	8.2	32.3	7.8	98.3	3.9	2.7										
		1	16.5	8.1	31.0	7.9	97.8	3.7	2.8										
Middle	4.1	1	16.5	8.2	31.0	8.1	100.6	3.6	3.0										
		2	16.6	8.2	31.2	7.9	98.3	4.8	3.9	8.0									
Bottom	7.2	1	16.6	8.2	31.0	7.9	98.0	4.9	4.0										
		2	16.5	8.3	30.9	8.0	106.1	4.8	5.0										
Surface	1.0	1	17.1	8.1	32.6	8.0	100.8	5.3	3.5				8.1						
		2	17.1	8.1	32.6	8.0	100.8	5.3	3.9										
Middle	3.6	1	17.3	8.3	32.4	8.2	104.2	3.7	3.2										
Bottom	6.2	2	17.0	8.2	32.5	8.2	102.7	3.7	3.9										
		1	17.0	8.2	32.3	8.2	102.9	3.9	4.4	8.2									
Surface	1.0	2	16.8	8.0	32.3	8.1	97.7	4.2	5.3										
		1	17.2	8.2	32.2	7.8	98.7	2.7	3.8										
Middle	5.3	2	17.1	8.2	32.3	7.9	99.9	2.6	4.1										
		1	17.1	8.2	32.3	7.9	99.5	5.5	3.5	7.8									
Bottom	9.6	2	17.3	8.2	32.4	7.7	97.5	5.7	2.9										
		1	17.3	8.2	32.5	7.7	97.2	5.8	3.2										
Surface	1.0	2	17.1	8.1	32.4	8.0	101.2	5.6	2.6										
		1	16.8	8.0	31.2	7.8	97.5	4.0	4.0	7.9									
Surface	1.0	2	16.9	8.2	31.4	7.9	98.0	3.8	3.8										
Bottom	3.5	1	16.9	8.2	31.5	7.9	98.5	5.5	2.6										
		2	16.8	8.1	31.7	8.2	102.7	5.7	3.3										
		1	16.8	8.1	31.6	8.2	102.9	6.2	2.5	8.3									
Surface	1.0	2	16.7	8.2	31.7	8.3	102.9	6.8	3.5										
		1	16.7	8.2	32.0	8.2	102.7	4.6	2.3										
Bottom	2.9	2	16.5	8.1	31.7	7.9	97.6	4.1	2.4										