

Annex G3

## Monitoring Results for Water Quality

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged												
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)										
02-12-19	Mid-Ebb	TCE-C1	Cloudy	Rough	4:33	7.7	Surface	1.0	1	22.8	8.0	33.0	6.7	94.2	8.2	17.8	6.7	8.2	15.9										
									2	22.8	8.0	33.0	6.7	94.1	8.1	16.2													
							Middle	3.9	1	22.8	8.0	33.0	6.8	94.8	8.3	15.8													
									2	22.7	8.0	33.0	6.8	95.2	8.3	14.1													
							Bottom	6.7	1	22.7	8.0	33.0	6.9	96.9	8.1	16.0													
									2	22.7	8.0	33.0	7.0	97.9	8.3	15.2													
		TCE-C2	Cloudy	Moderate	2:37	14.8	Surface	1.0	1	23.3	7.9	33.3	6.3	90.1	4.1	9.8	6.2	4.1	11.0										
									2	23.3	7.9	33.3	6.3	89.8	4.2	8.8													
							Middle	7.4	1	23.6	7.9	33.5	6.1	86.5	4.2	11.9													
									2	23.6	7.9	33.5	6.1	86.5	4.1	11.5													
							Bottom	13.8	1	23.7	7.9	33.8	6.2	88.8	4.0	11.4													
									2	23.7	7.9	33.8	6.2	89.0	4.2	12.6													
		TCE-WQM1	Cloudy	Calm	3:53	8.1	Surface	1.0	1	23.3	8.0	32.9	6.9	97.5	3.9	11.0	6.9	5.0	11.6										
									2	23.3	8.0	32.9	6.9	97.4	3.9	12.0													
							Middle	4.1	1	23.3	8.0	32.9	6.9	97.5	4.5	11.3													
									2	23.3	8.0	32.9	6.9	97.4	4.5	11.3													
							Bottom	7.1	1	23.3	8.0	32.9	7.0	99.0	6.3	12.7													
									2	23.3	8.0	32.9	7.0	99.2	6.7	11.4													
		TCE-WQM2a	Cloudy	Moderate	3:18	7.4	Surface	1.0	1	23.2	8.0	32.8	6.9	97.3	6.2	9.9	6.9	6.3	11.7										
									2	23.2	8.0	32.8	6.9	97.3	6.2	9.9													
							Middle	3.7	1	23.2	8.0	32.8	6.8	96.3	6.5	11.5													
									2	23.2	8.0	32.8	6.8	96.5	6.5	12.8													
							Bottom	6.4	1	23.2	8.0	32.8	7.1	99.8	6.2	12.8													
									2	23.2	8.0	32.8	7.1	100.3	6.3	13.8													
		TCE-WQM2b	Cloudy	Moderate	3:06	11.3	Surface	1.0	1	23.5	8.0	33.3	6.4	91.0	4.9	8.0	6.5	5.1	7.7										
									2	23.5	8.0	33.3	6.4	90.7	4.9	8.4													
							Middle	5.7	1	23.5	8.0	33.3	6.6	93.5	5.1	8.2													
									2	23.5	8.0	33.3	6.6	93.8	5.1	8.9													
							Bottom	10.3	1	23.6	8.0	33.4	6.9	97.8	5.3	5.8													
									2	23.6	8.0	33.4	6.9	98.5	5.2	6.7													
		TCE-WQM3A	Cloudy	Calm	3:30	4.3	Surface	1.0	1	23.2	8.0	32.8	6.7	95.0	8.7	11.8	6.7	10.2	12.7										
									2	23.2	8.0	32.8	6.7	95.1	8.8	10.9													
							Bottom	3.3	1	23.2	8.0	32.8	6.8	96.2	11.5	14.9													
									2	23.2	8.0	32.8	6.8	96.3	11.6	13.2													
							TCE-WQM4	Cloudy	Calm	3:41	3.9	Surface	1.0	1	22.9	8.0				32.8	6.7	94.6	6.8	9.1	6.7	7.8	8.2		
														2	22.9	8.0				32.8	6.7	94.6	6.9	8.1					
		Bottom	2.9	1	22.9	8.0						32.8	6.8	95.3	8.6	8.3													
				2	22.9	8.0						32.8	6.8	95.3	8.8	7.4													
		02-12-19	Mid-Flood	TCE-C1	Cloudy	Rough						14:57	8.0	Surface	1.0	1	22.4	7.5	33.1	7.1	99.3	6.0	14.5	7.1				11.7	14.6
																2	22.4	7.5	33.1	7.1	99.2	6.2	14.9						
							Middle	4.0	1	22.5	7.4			33.3	7.0	98.2	11.0	14.6											
									2	22.5	7.4			33.3	7.0	97.9	11.8	14.3											
							Bottom	7.0	1	22.6	7.4			33.8	7.1	99.8	17.8	15.2											
									2	22.6	7.4			33.8	7.1	99.8	17.6	14.0											
				TCE-C2	Cloudy	Rough	16:54	12.9	Surface	1.0	1	23.4	8.0	33.8	6.2	88.4	2.7	8.4	6.2	4.4	7.2								
											2	23.4	8.0	33.8	6.2	88.4	2.7	7.8											
									Middle	6.5	1	23.4	8.0	33.9	6.1	87.4	3.4	7.7											
											2	23.4	8.0	33.9	6.1	87.4	3.3	7.0											
Bottom	11.9								1	23.5	8.0	33.9	6.1	86.7	7.3	6.1													
									2	23.5	8.0	33.9	6.1	86.7	7.2	6.4													
TCE-WQM1	Cloudy	Moderate	15:40	7.9	Surface	1.0	1	22.8	7.5	33.3	7.0	98.6	5.4	11.8	7.0	7.0	12.7												
							2	22.8	7.5	33.3	7.0	98.5	5.4	12.8															
					Middle	4.0	1	22.8	7.5	33.3	6.9	97.2	6.7	13.1															
							2	22.8	7.5	33.3	6.9	97.0	6.7	12.3															
					Bottom	6.9	1	22.7	7.5	33.3	7.0	97.7	8.6	12.4															
							2	22.7	7.5	33.3	7.0	98.0	9.0	13.9															
TCE-WQM2a	Cloudy	Moderate	16:15	7.6	Surface	1.0	1	22.9	6.9	32.9	7.1	100.3	5.6	11.5	7.1	6.6	11.6												
							2	22.9	6.9	32.9	7.1	100.3	5.6	12.9															
					Middle	3.8	1	23.0	6.9	32.9	7.1	100.5	6.7	11.6															
							2	23.0	6.9	32.9	7.2	100.7	6.7	10.4															
					Bottom	6.6	1	23.0	6.9	32.9	7.4	104.3	7.4	11.7															
							2	23.0	6.9	32.9	7.5	105.5	7.3	11.7															
TCE-WQM2b	Cloudy	Rough	16:27	11.5	Surface	1.0	1	23.0	6.7	32.9	6.8	95.3	4.8	11.2	6.7	5.1	10.1												
							2	23.0	6.7	32.9	6.8	95.3	4.8	10.0															
					Middle	5.8	1	23.3	7.2	33.4	6.7	95.0	5.2	9.8															
							2	23.3	7.2	33.4	6.7	95.1	5.3	9.8															
					Bottom	10.5	1	23.4	7.4	33.7	6.7	95.9	5.2	9.9															
							2	23.4	7.5	33.7	6.8	97.0	5.1	10.1															
TCE-WQM3A	Cloudy	Moderate	16:04	4.2	Surface	1.0	1	22.9	4.7	33.0	7.5	104.9	4.6	10.2	7.5	4.7	10.8												
							2	22.9	4.7	33.0	7.5	105.0	4.6	11.1															
					Bottom	3.2	1	22.8	4.7	33.1	7.7	108.2	4.7	11.3															
							2	22.8	4.7	33.1	7.7	108.3	4.8	10.5															
					TCE-WQM4	Cloudy	Moderate	15:55	3.5	Surface	1.0	1	22.8	4.7				33.0	7.3	102.1	7.3	14.0	7.3	7.6	15.0				
												2	22.8	4.7				33.0	7.3	102.1	7.2	14.7							
Bottom	2.5	1	22.8	4.7						33.0	7.6	106.5	8.0	16.3															
		2	22.8	4.7						33.0	7.6	106.7	7.9	15.0															

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)		
04-12-19	Mid-Ebb	TCE-C1	Fine	Rough	7:15	8.0	Surface	1.0	1	20.9	8.1	35.3	7.1	98.3	4.1	12.0	7.2	4.2	13.3		
									2	20.9	8.1	35.3	7.2	98.8	4.1	11.7					
							Middle	4.0	1	20.9	8.1	35.3	7.1	98.6	4.1	12.8					
									2	20.9	8.1	35.3	7.2	98.9	4.2	13.7					
							Bottom	7.0	1	20.9	8.2	35.3	7.3	100.3	4.3	14.0					
									2	20.9	8.2	35.3	7.3	101.0	4.4	15.7					
		TCE-C2	Fine	Rough	5:24	11.3	Surface	1.0	1	22.5	8.1	35.9	6.5	92.4	1.2	6.7	6.5	1.8	6.6		
									2	22.5	8.1	35.9	6.5	92.7	1.3	7.7					
							Middle	5.7	1	22.5	8.1	35.9	6.5	92.3	1.5	6.0					
									2	22.5	8.1	35.9	6.5	92.3	1.5	6.8					
							Bottom	10.3	1	22.5	8.1	35.9	6.5	92.9	2.7	5.7					
									2	22.5	8.1	35.9	6.6	93.3	2.8	6.6					
		TCE-WQM1	Fine	Moderate	6:37	9.2	Surface	1.0	1	20.9	8.1	34.5	7.1	97.6	2.9	6.7	7.2	3.3	8.0		
									2	20.9	8.1	34.5	7.1	97.7	3.0	7.2					
							Middle	4.6	1	21.0	8.1	34.6	7.3	99.9	3.4	7.9					
									2	21.0	8.1	34.6	7.3	100.3	3.5	8.9					
							Bottom	8.2	1	21.1	8.1	34.7	7.6	105.1	3.5	9.0					
									2	21.1	8.2	34.7	7.6	105.2	3.4	8.0					
		TCE-WQM2a	Fine	Moderate	6:01	7.1	Surface	1.0	1	21.6	8.1	34.9	6.9	96.5	3.5	9.6	7.0	3.3	10.1		
									2	21.6	8.1	34.9	6.9	96.5	3.5	8.7					
							Middle	3.6	1	21.6	8.1	34.9	7.0	97.2	3.6	9.7					
									2	21.6	8.1	34.9	7.0	97.2	3.5	9.8					
							Bottom	6.1	1	21.7	8.1	35.0	7.5	104.4	3.0	11.8					
									2	21.7	8.1	35.0	7.6	106.1	3.0	10.8					
		TCE-WQM2b	Fine	Rough	5:50	10.0	Surface	1.0	1	22.3	8.1	35.7	6.7	94.6	1.4	6.7	6.7	1.5	7.0		
									2	22.3	8.1	35.6	6.7	94.2	1.4	7.5					
							Middle	5.0	1	22.3	8.1	35.6	6.7	95.0	1.5	6.2					
									2	22.3	8.1	35.6	6.7	95.1	1.6	7.0					
							Bottom	9.0	1	22.3	8.1	35.6	6.9	97.9	1.6	6.8					
									2	22.3	8.2	35.6	7.0	99.1	1.8	7.6					
		TCE-WQM3A	Fine	Moderate	6:13	3.3	Surface	1.0	1	21.1	8.1	34.4	7.6	104.2	3.0	10.6	7.6	3.0	10.6		
									2	21.1	8.1	34.4	7.7	105.5	3.1	10.7					
							Bottom	2.3	1	21.1	8.2	34.4	7.9	108.4	2.9	10.0					
									2	21.1	8.2	34.5	7.9	108.4	2.9	10.9					
							Surface	1.0	1	21.0	8.2	34.5	7.6	103.8	3.1	8.6					
									2	21.0	8.2	34.5	7.6	104.1	3.1	9.5					
		TCE-WQM4	Fine	Moderate	6:25	3.2	Surface	1.0	1	21.0	8.2	34.5	7.6	103.8	3.1	8.6	7.6	3.1	9.0		
									2	21.0	8.2	34.5	7.6	104.1	3.1	9.5					
							Bottom	2.2	1	21.0	8.3	34.5	7.9	107.9	3.2	9.4					
									2	20.9	8.3	34.5	7.9	108.8	3.1	8.6					
							Surface	1.0	1	21.1	8.1	35.5	7.2	99.8	3.6	9.0					
									2	21.1	8.1	35.6	7.2	99.9	3.7	8.2					
		04-12-19	Mid-Flood	TCE-C1	Fine	Rough	12:59	7.5	Surface	1.0	1	21.1	8.1	35.5	7.2	99.8	3.6	9.0	7.2	4.5	10.6
											2	21.1	8.1	35.6	7.2	99.9	3.7	8.2			
									Middle	3.8	1	21.0	8.1	35.7	7.2	100.1	4.7	9.7			
											2	21.0	8.1	35.7	7.2	100.1	4.8	8.7			
									Bottom	6.5	1	21.0	8.2	35.7	7.4	102.1	5.0	14.0			
											2	21.0	8.2	35.7	7.4	102.2	5.0	14.2			
TCE-C2	Fine			Rough	15:04	11.9	Surface	1.0	1	22.6	8.0	35.9	6.6	94.4	1.4	10.0	6.6	2.1	9.2		
									2	22.6	8.0	35.9	6.6	94.1	1.7	11.6					
							Middle	6.0	1	22.6	8.0	35.9	6.6	93.9	2.3	7.3					
									2	22.6	8.0	35.9	6.6	94.3	2.5	8.3					
							Bottom	10.9	1	22.6	8.0	35.9	6.7	95.2	2.3	9.2					
									2	22.6	8.0	35.9	6.7	95.2	2.2	8.5					
TCE-WQM1	Fine			Moderate	13:49	9.3	Surface	1.0	1	21.2	8.1	34.3	7.2	99.4	5.3	15.2	7.2	5.4	16.9		
									2	21.2	8.1	34.3	7.2	99.4	5.3	16.9					
							Middle	4.7	1	21.2	8.1	34.4	7.2	99.7	5.1	17.1					
									2	21.2	8.1	34.4	7.3	99.7	5.2	17.3					
							Bottom	8.3	1	21.2	8.1	34.4	7.3	100.3	5.7	18.1					
									2	21.2	8.1	34.4	7.3	100.9	5.8	17.0					
TCE-WQM2a	Fine			Moderate	14:24	7.4	Surface	1.0	1	22.0	8.0	35.0	7.0	97.6	2.1	10.8	7.0	2.4	10.4		
									2	22.0	8.0	35.0	7.0	97.6	2.1	12.5					
							Middle	3.7	1	21.9	8.1	35.0	7.0	98.8	2.5	10.3					
									2	21.9	8.1	35.0	7.1	99.0	2.6	11.8					
							Bottom	6.4	1	21.9	8.1	35.0	7.3	102.1	2.7	8.8					
									2	21.9	8.1	35.0	7.3	102.2	2.7	7.9					
TCE-WQM2b	Fine			Rough	14:35	11.7	Surface	1.0	1	22.2	8.0	35.3	6.8	95.6	1.7	13.0	6.8	1.8	9.5		
									2	22.2	8.0	35.3	6.8	95.9	1.7	11.7					
							Middle	5.9	1	22.2	8.0	35.3	6.8	95.6	1.9	10.2					
									2	22.2	8.0	35.3	6.8	95.7	1.9	9.2					
							Bottom	10.7	1	22.2	8.0	35.4	6.8	95.8	1.9	6.3					
									2	22.2	8.0	35.4	6.8	96.2	1.9	6.3					
TCE-WQM3A	Fine			Moderate	14:13	3.2	Surface	1.0	1	21.5	8.1	34.6	7.4	102.5	2.7	8.7	7.4	2.4	7.2		
									2	21.5	8.1	34.7	7.4	102.5	2.7	7.8					
							Bottom	2.2	1	21.5	8.1	34.7	7.5	103.9	2.2	6.7					
									2	21.5	8.1	34.7	7.5	103.9	2.1	5.7					
							Surface	1.0	1	22.0	8.1	35.0	7.4	103.4	8.1	12.4					
									2	22.0	8.1	35.0	7.4	103.7	8.1	11.0					
TCE-WQM4	Fine			Moderate	14:02	3.1	Surface	1.0	1	22.0	8.1	35.0	7.4	103.4	8.1	12.4	7.4	8.7	9.8		
									2	22.0	8.1	35.0	7.4	103.7	8.1	11.0					
							Bottom	2.1	1	21.8	8.2	35.1	7.7	107.5	9.4	7.4					
									2	21.8	8.3	35.2	7.6	106.6	9.3	8.2					



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)			
09-12-19	Mid-Ebb	TCE-C1	Fine	Moderate	12:07	7.7	Surface	1.0	1	19.7	7.9	34.3	7.3	98.2	4.2	12.2	7.3	5.2	12.9			
									2	19.7	7.9	34.3	7.3	98.3	4.3	13.6						
							Middle	3.9	1	19.6	7.9	34.3	7.3	97.3	5.3	11.2						
									2	19.6	7.9	34.3	7.3	97.2	5.3	13.0						
							Bottom	6.7	1	19.6	8.0	34.3	7.2	96.5	6.0	13.0						
									2	19.6	8.0	34.3	7.2	96.5	6.0	14.2						
		TCE-C2	Fine	Moderate	9:39	12.8	Surface	1.0	1	20.7	7.9	34.3	6.7	90.9	1.5	8.1	6.6	2.0	9.9			
									2	20.7	7.9	34.3	6.7	90.8	1.6	7.1						
							Middle	6.4	1	20.7	7.9	34.3	6.6	90.6	2.1	10.3						
									2	20.7	7.9	34.3	6.6	90.6	2.2	9.4						
							Bottom	11.8	1	20.7	8.0	34.3	6.6	90.3	2.4	13.0						
									2	20.7	8.0	34.3	6.6	90.3	2.4	11.5						
		TCE-WQM1	Fine	Calm	10:59	9.5	Surface	1.0	1	18.8	7.9	33.8	7.5	98.5	3.7	7.8	7.5	4.3	9.4			
									2	18.8	7.9	33.8	7.5	98.3	3.8	8.8						
							Middle	4.8	1	18.8	7.9	33.8	7.4	97.7	4.0	9.1						
									2	18.8	7.9	33.8	7.4	97.5	4.0	9.2						
							Bottom	8.5	1	18.8	7.9	33.8	7.4	97.6	5.0	10.7						
									2	18.8	7.9	33.8	7.4	97.6	5.0	10.6						
		TCE-WQM2a	Fine	Moderate	10:23	7.2	Surface	1.0	1	20.5	7.9	34.3	7.0	95.1	2.1	9.3	7.0	3.5	8.9			
									2	20.5	7.9	34.3	7.0	95.1	2.1	10.0						
							Middle	3.6	1	20.3	7.9	34.3	7.0	95.0	3.0	9.4						
									2	20.3	7.9	34.3	7.0	95.0	3.1	10.3						
							Bottom	6.2	1	20.1	8.0	34.2	7.0	94.4	5.3	6.8						
									2	20.1	8.0	34.2	7.0	94.4	5.3	7.7						
		TCE-WQM2b	Fine	Moderate	10:10	11.1	Surface	1.0	1	20.3	7.9	34.3	7.1	95.7	2.1	5.9	7.1	2.7	9.0			
									2	20.3	7.9	34.3	7.1	95.9	2.1	6.9						
							Middle	5.6	1	20.2	8.0	34.3	7.0	95.0	2.8	8.4						
									2	20.2	8.0	34.3	7.0	94.9	2.8	8.8						
							Bottom	10.1	1	20.2	8.0	34.3	7.0	94.8	3.2	12.8						
									2	20.2	8.0	34.3	7.0	94.7	3.2	11.2						
		TCE-WQM3A	Fine	Calm	10:35	4.1	Surface	1.0	1	19.7	7.8	34.0	7.1	94.1	3.3	10.4	7.0	3.3	9.3			
									2	19.7	7.8	34.0	7.0	94.0	3.3	11.7						
							Bottom	3.1	1	19.7	7.8	34.0	7.1	95.4	3.3	7.0						
									2	19.7	7.8	34.0	7.1	95.3	3.3	8.0						
							Surface	1.0	1	20.2	7.9	34.2	7.0	95.1	6.4	13.3				7.0	6.4	13.0
									2	20.2	7.9	34.1	7.0	95.0	6.3	13.2						
		Bottom	2.3	1	20.0	7.9	34.1	7.1	95.5	6.5	13.0											
				2	20.0	7.9	34.1	7.1	95.5	6.5	12.6											
		Surface	1.0	1	19.5	7.9	34.3	7.6	101.6	3.2	10.7	7.6	3.7	9.5								
				2	19.5	7.9	34.3	7.6	101.6	3.2	10.1											
		Middle	3.9	1	19.4	7.9	34.3	7.6	101.1	3.6	9.8											
				2	19.4	7.9	34.3	7.6	100.9	3.6	10.9											
		Bottom	6.8	1	19.4	7.9	34.3	7.5	99.9	4.4	8.3											
				2	19.4	7.9	34.3	7.5	99.9	4.4	7.8											
		TCE-C2	Cloudy	Moderate	17:08	12.6	Surface	1.0	1	20.8	8.0	34.2	6.8	92.4	6.0	14.6	6.8	6.3	15.5			
									2	20.8	8.0	34.2	6.8	92.3	6.0	16.4						
							Middle	6.3	1	20.8	8.0	34.2	6.7	92.0	6.9	17.0						
									2	20.8	8.0	34.2	6.8	92.1	6.9	16.6						
Bottom	11.6						1	20.8	8.0	34.2	6.7	91.7	6.0	13.2								
							2	20.8	8.0	34.2	6.7	91.8	6.0	14.9								
TCE-WQM1	Fine	Calm	15:51	8.9	Surface	1.0	1	19.7	8.0	33.8	7.7	103.1	4.2	7.0	7.7	7.3	7.4					
							2	19.7	8.0	33.8	7.7	102.9	4.2	6.9								
					Middle	4.5	1	19.1	8.0	33.8	7.7	101.2	7.3	6.6								
							2	19.1	8.0	33.8	7.7	101.2	7.4	7.0								
					Bottom	7.9	1	19.1	8.0	33.8	7.6	100.3	10.2	8.6								
							2	19.1	8.0	33.8	7.6	100.4	10.3	8.0								
TCE-WQM2a	Fine	Moderate	16:27	7.5	Surface	1.0	1	20.4	7.9	34.1	7.3	98.5	3.5	8.3	7.2	6.5	7.9					
							2	20.4	7.9	34.1	7.3	98.5	3.5	8.0								
					Middle	3.8	1	20.2	7.9	34.1	7.2	96.6	6.8	8.2								
							2	20.2	7.9	34.1	7.2	96.5	6.9	8.4								
					Bottom	6.5	1	20.0	7.9	34.1	7.2	96.5	9.1	7.7								
							2	20.0	7.9	34.1	7.2	96.3	9.0	6.8								
TCE-WQM2b	Fine	Moderate	16:39	10.9	Surface	1.0	1	20.7	7.9	34.2	7.1	96.0	3.0	8.2	7.0	3.8	9.8					
							2	20.7	7.9	34.2	7.1	96.1	3.0	8.8								
					Middle	5.5	1	20.7	7.9	34.2	7.0	95.9	4.1	9.3								
							2	20.7	7.9	34.2	7.0	95.8	4.2	10.1								
					Bottom	9.9	1	20.7	7.9	34.2	7.0	95.8	4.1	11.1								
							2	20.7	7.9	34.2	7.1	96.0	4.2	11.3								
TCE-WQM3A	Fine	Calm	16:16	3.9	Surface	1.0	1	20.6	7.9	34.0	7.5	102.0	1.9	10.5	7.5	2.0	7.8					
							2	20.6	7.9	34.0	7.5	102.1	1.9	10.6								
					Bottom	2.9	1	20.8	7.9	34.1	7.5	101.7	2.1	4.7								
							2	20.8	7.9	34.1	7.5	101.9	2.1	5.5								
					Surface	1.0	1	20.2	7.9	34.0	7.3	98.3	6.9	32.5				7.3	8.1	33.6		
							2	20.2	7.9	34.0	7.3	98.4	7.3	33.4								
Bottom	2.2	1	20.1	7.9	34.0	7.3	98.3	9.2	33.4													
		2	20.1	7.9	34.0	7.3	98.3	8.8	35.1													

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged					
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)			
11-12-19	Mid-Ebb	TCE-C1	Fine	Moderate	13:01	8.4	Surface	1.0	1	19.8	8.0	33.9	7.5	100.6	3.0	8.2	7.5	4.5	8.4			
									2	19.8	8.0	33.9	7.5	100.6	3.0	7.5						
							Middle	4.2	1	19.6	8.0	34.3	7.5	99.8	4.1	7.4						
									2	19.6	8.0	34.3	7.5	99.8	4.1	8.3						
							Bottom	7.4	1	19.6	8.1	34.6	7.4	99.4	6.5	10.0						
									2	19.6	8.1	34.6	7.4	99.4	6.5	9.0						
		TCE-C2	Fine	Moderate	10:48	12.8	Surface	1.0	1	20.8	7.9	34.9	6.7	91.0	0.6	5.7	6.6	1.3	5.7			
									2	20.8	7.9	34.9	6.7	91.0	0.6	6.7						
							Middle	6.4	1	20.5	8.0	34.9	6.6	90.5	1.4	5.0						
									2	20.5	8.0	34.9	6.6	90.5	1.4	5.8						
							Bottom	11.8	1	20.5	8.0	34.9	6.7	91.1	1.8	5.1						
									2	20.5	8.0	34.9	6.7	91.1	1.8	5.9						
		TCE-WQM1	Fine	Moderate	11:57	8.1	Surface	1.0	1	19.5	7.9	34.7	7.3	97.9	4.2	12.7	7.4	4.7	12.3			
									2	19.5	7.9	34.7	7.3	97.9	4.2	13.3						
							Middle	4.1	1	19.5	7.9	34.7	7.4	98.8	4.7	12.5						
									2	19.5	7.9	34.7	7.4	98.8	4.7	11.6						
							Bottom	7.1	1	19.5	7.9	34.7	7.4	99.4	5.1	11.4						
									2	19.5	7.9	34.7	7.4	99.4	5.1	12.2						
		TCE-WQM2a	Fine	Moderate	11:24	7.4	Surface	1.0	1	20.0	7.9	34.8	7.3	97.9	7.0	19.1	7.2	11.7	16.7			
									2	20.0	7.9	34.8	7.3	97.9	7.0	18.0						
							Middle	3.7	1	19.9	7.9	34.8	7.2	97.1	12.3	13.2						
									2	19.9	7.9	34.8	7.2	97.1	12.3	14.3						
							Bottom	6.4	1	19.9	7.9	34.8	7.3	97.9	15.9	17.3						
									2	19.9	7.9	34.8	7.3	97.9	15.9	18.4						
		TCE-WQM2b	Fine	Moderate	11:14	10.5	Surface	1.0	1	20.0	7.9	34.8	7.2	97.5	1.9	8.1	7.2	2.5	9.7			
									2	20.0	7.9	34.8	7.2	97.5	1.9	9.1						
							Middle	5.3	1	20.0	7.9	34.8	7.1	96.3	2.4	10.2						
									2	20.0	7.9	34.8	7.1	96.3	2.4	10.4						
							Bottom	9.5	1	19.9	7.9	34.8	7.3	97.9	3.0	10.3						
									2	19.9	7.9	34.8	7.3	97.9	3.1	10.0						
		TCE-WQM3A	Fine	Moderate	11:35	4.1	Surface	1.0	1	20.0	7.9	34.7	7.2	97.3	3.8	10.5	7.2	3.9	12.0			
									2	20.0	7.9	34.7	7.2	97.3	3.8	9.3						
							Bottom	3.1	1	19.9	7.9	34.7	7.2	97.2	3.9	13.8						
									2	19.9	7.9	34.7	7.2	97.2	3.9	14.3						
							Surface	1.0	1	20.1	8.0	34.8	7.4	100.4	5.7	11.4				7.4	7.4	23.3
									2	20.1	8.0	34.8	7.4	100.4	5.7	10.9						
		Bottom	2.7	1	19.9	7.9	34.7	7.4	99.6	9.0	37.8											
				2	19.9	7.9	34.7	7.4	99.6	9.0	33.2											
		Surface	1.0	1	19.7	7.9	34.4	7.5	100.7	2.3	8.0	7.5	3.2	7.5								
				2	19.7	7.9	34.4	7.5	100.7	2.6	7.1											
		Middle	4.0	1	19.5	8.0	34.6	7.4	99.0	3.3	7.8											
				2	19.5	8.0	34.6	7.4	99.0	3.3	7.5											
		Bottom	7.0	1	19.5	8.0	34.7	7.4	98.8	3.9	7.3											
				2	19.5	8.0	34.7	7.4	98.8	3.9	7.4											
		TCE-C2	Fine	Moderate	17:57	12.6	Surface	1.0	1	20.7	7.9	34.8	6.7	91.9	1.5	7.5	6.7	2.8	5.8			
									2	20.7	7.9	34.8	6.7	91.9	1.5	8.5						
							Middle	6.3	1	20.6	7.9	34.8	6.7	91.8	3.8	5.4						
									2	20.6	7.9	34.8	6.7	91.8	3.8	4.6						
Bottom	11.6						1	20.6	7.9	34.8	6.9	93.5	3.1	4.1								
							2	20.6	7.9	34.8	6.9	93.5	3.1	4.5								
TCE-WQM1	Fine	Moderate	16:42	8.1	Surface	1.0	1	19.8	7.9	34.7	7.6	102.7	8.7	31.9	7.6	19.9	31.4					
							2	19.8	7.9	34.7	7.6	102.7	8.7	30.6								
					Middle	4.1	1	19.8	7.9	34.7	7.6	102.4	14.3	32.3								
							2	19.8	7.9	34.7	7.6	102.4	14.3	33.3								
					Bottom	7.1	1	19.6	7.9	34.7	7.5	100.7	36.8	30.0								
							2	19.6	7.9	34.7	7.5	100.7	36.8	30.1								
TCE-WQM2a	Fine	Moderate	17:18	7.6	Surface	1.0	1	20.0	7.8	34.8	7.4	100.0	3.9	8.9	7.4	5.5	10.4					
							2	20.0	7.8	34.8	7.4	100.0	3.9	9.0								
					Middle	3.8	1	20.0	7.8	34.8	7.4	99.9	4.9	10.1								
							2	20.0	7.8	34.8	7.4	99.9	4.9	11.0								
					Bottom	6.6	1	20.0	7.8	34.8	7.4	100.0	7.8	12.1								
							2	20.0	7.8	34.8	7.4	100.0	7.8	11.5								
TCE-WQM2b	Fine	Moderate	17:28	10.5	Surface	1.0	1	20.0	7.9	34.8	7.4	99.3	4.4	13.1	7.4	5.9	13.4					
							2	20.0	7.9	34.8	7.4	99.3	4.4	12.3								
					Middle	5.3	1	20.1	7.9	34.8	7.4	99.3	5.9	14.0								
							2	20.1	7.9	34.8	7.4	99.3	5.9	13.2								
					Bottom	9.5	1	20.1	7.9	34.8	7.3	98.9	7.4	14.3								
							2	20.1	7.9	34.8	7.3	98.9	7.4	13.3								
TCE-WQM3A	Fine	Moderate	17:06	4.6	Surface	1.0	1	20.6	7.9	34.7	7.5	102.6	3.1	23.1	7.5	4.1	15.4					
							2	20.6	7.9	34.7	7.5	102.6	3.1	23.4								
					Bottom	3.6	1	20.4	7.8	34.7	7.5	101.2	5.1	7.1								
							2	20.4	7.8	34.7	7.5	101.2	5.1	7.9								
					Surface	1.0	1	20.1	7.8	34.7	7.4	99.8	19.3	29.9				7.4	19.8	29.8		
							2	20.1	7.8	34.7	7.4	99.8	19.3	33.7								
Bottom	2.2	1	20.1	7.8	34.7	7.4	100.2	20.3	26.3													
		2	20.1	7.8	34.7	7.4	100.2	20.3	26.3													
Surface	1.0	1	19.7	7.9	34.4	7.5	100.7	2.3	8.0	7.4	2.5	9.7										
		2	19.7	7.9	34.4	7.5	100.7	2.6	7.1													
Middle	4.0	1	19.5	8.0	34.6	7.4	99.0	3.3	7.8													
		2	19.5	8.0	34.6	7.4	99.0	3.3	7.5													
Bottom	7.0	1	19.5	8.0	34.7	7.4	98.8	3.9	7.3													
		2	19.5	8.0	34.7	7.4	98.8	3.9	7.4													
TCE-C1	Fine	Moderate	16:01	8.0	Surface	1.0	1	19.7	7.9	34.4	7.5	100.7	2.3	8.0	7.5	3.2	7.5					
							2	19.7	7.9	34.4	7.5	100.7	2.6	7.1								
					Middle	4.0	1	19.5	8.0	34.6	7.4	99.0	3.3	7.8								
							2	19.5	8.0	34.6	7.4	99.0	3.3	7.5								
					Bottom	7.0	1	19.5	8.0	34.7	7.4	98.8	3.9	7.3								
							2	19.5	8.0	34.7	7.4	98.8	3.9	7.4								
TCE-WQM3A	Fine	Moderate	17:06	4.6	Surface	1.0	1	20.6	7.9	34.7	7.5	102.6	3.1	23.1	7.5	4.1	15.4					
							2	20.6	7.9	34.7	7.5	102.6	3.1	23.4								
					Bottom	3.6	1	20.4	7.8	34.7	7.5	101.2	5.1	7.1								
							2	20.4	7.8	34.7	7.5	101.2	5.1	7.9								
					Surface	1.0	1	20.1	7.8	34.7	7.4	99.8	19.3	29.9				7.4	19.8	29.8		
							2	20.1	7.8	34.7	7.4	99.8	19.3	33.7								
Bottom	2.2	1	20.1	7.8	34.7	7.4	100.2	20.3	26.3													
		2	20.1	7.8	34.7	7.4	100.2	20.3	26.3													
Surface	1.0	1	19.7	7.9	34.4	7.5	100.7	2.3	8.0	7.4	2.5	9.7										
		2	19.7	7.9	34.4	7.5	100.7	2.6	7.1													
Middle	4.0	1	19.5	8.0	34.6	7.4	99.0	3.3	7.8													
		2	19.5	8.0	34.6	7.4	99.0	3.3	7.5													
Bottom	7.0	1	19.5	8.0	34.7	7.4	98.8	3.9	7.3													
		2	19.5	8.0	34.7	7.4	98.8	3.9	7.4													
TCE-WQM2a	Fine	Moderate	11:24	7.4	Surface	1.0	1	20.0	7.9	34.8	7.3	97.9	7.0	19.1	7.2	11.7	16.7					
							2	20.0	7.9	34.8	7.3	97.9	7.0	18.0								
					Middle	3.7	1	19.9	7.9	34.8	7.2	97.1	12.3	13.2								
							2	19.9	7.9	34.8	7.2	97.1	12.3	14.3								
					Bottom	6.4	1	19.9	7.9	34.8	7.3	97.9	15.9	17.3								
							2	19.9	7.9	34.8	7.3	97.9	15.9	18.4								
TCE-WQM2b	Fine	Moderate	11:14	10.5	Surface	1.0	1	20.0	7.9	34.8	7.2	97.5	1.9	8.1	7.2	2.5	9.7					
							2	20.0	7													

Date	Tide	Station	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged												
																	DO (mg/L)	Turbidity (NTU)	SS (mg/L)										
13-12-19	Mid-Ebb	TCE-C1	Sunny	Moderate	11:58	7.6	Surface	1.0	1	20.0	7.5	34.2	7.5	100.9	8.7	15.5	7.4	7.9	16.7										
									2	20.0	7.5	34.2	7.5	101.0	8.7	16.9													
							Middle	3.8	1	19.9	7.5	34.5	7.3	98.5	5.5	16.8													
									2	19.9	7.5	34.5	7.3	98.4	5.5	15.7													
							Bottom	6.6	1	19.9	7.5	34.8	7.2	97.3	9.5	18.2													
									2	19.9	7.5	34.8	7.2	97.3	9.5	17.2													
		TCE-C2	Sunny	Moderate	14:01	13.8	Surface	1.0	1	20.3	7.5	34.5	7.0	94.5	1.9	6.2	6.8	4.4	8.1										
									2	20.3	7.5	34.5	7.0	94.4	1.9	7.2													
							Middle	6.9	1	20.3	7.5	34.7	6.6	89.8	2.3	8.0													
									2	20.3	7.5	34.7	6.6	89.8	2.3	8.6													
							Bottom	12.8	1	20.3	7.5	34.7	6.6	89.4	8.4	9.6													
									2	20.3	7.5	34.7	6.6	89.4	9.5	9.0													
		TCE-WQM1	Sunny	Calm	12:47	8.7	Surface	1.0	1	19.6	7.5	34.4	7.3	98.1	6.6	13.7	7.4	8.6	16.2										
									2	19.6	7.5	34.4	7.3	98.1	6.6	14.6													
							Middle	4.4	1	19.6	7.5	34.4	7.4	98.4	7.2	15.0													
									2	19.6	7.5	34.4	7.4	98.5	7.3	16.1													
							Bottom	7.7	1	19.6	7.5	34.4	7.3	98.0	11.7	18.2													
									2	19.6	7.5	34.4	7.3	98.0	12.0	19.3													
		TCE-WQM2a	Sunny	Calm	13:23	8.1	Surface	1.0	1	19.9	7.6	34.4	7.4	99.9	4.2	14.6	7.4	4.5	13.6										
									2	19.9	7.6	34.4	7.4	99.9	4.2	13.8													
							Middle	4.1	1	19.8	7.6	34.4	7.4	99.0	4.3	13.3													
									2	19.8	7.7	34.4	7.4	98.9	4.1	12.4													
							Bottom	7.1	1	19.7	7.7	34.4	7.4	99.2	5.0	13.9													
									2	19.7	7.7	34.4	7.4	99.2	5.0	13.3													
		TCE-WQM2b	Sunny	Calm	13:36	9.8	Surface	1.0	1	20.0	7.6	34.4	7.3	98.7	2.4	10.7	7.3	2.9	9.5										
									2	20.0	7.6	34.4	7.3	98.8	2.4	9.7													
							Middle	4.9	1	20.0	7.6	34.4	7.2	97.5	2.9	9.8													
									2	20.0	7.6	34.4	7.2	97.3	2.9	10.4													
							Bottom	8.8	1	20.0	7.6	34.5	7.3	98.1	3.3	8.5													
									2	20.0	7.6	34.5	7.3	98.2	3.3	7.6													
		TCE-WQM3A	Sunny	Calm	13:11	4.2	Surface	1.0	1	20.2	7.7	34.5	7.4	100.0	8.3	10.3	7.4	8.9	11.4										
									2	20.2	7.7	34.5	7.4	100.0	8.3	11.6													
							Bottom	3.2	1	20.0	7.7	34.6	7.3	98.0	9.4	11.7													
									2	20.0	7.7	34.6	7.3	98.4	9.5	11.9													
							TCE-WQM4	Sunny	Calm	12:59	3.8	Surface	1.0	1	19.9	7.7				34.5	7.5	100.3	3.7	9.1	7.5	6.6	10.5		
														2	19.9	7.7				34.5	7.5	100.5	3.7	10.5					
		Bottom	2.8	1	19.7	7.7						34.6	7.4	99.5	9.4	11.6													
				2	19.7	7.7						34.6	7.4	99.6	9.4	10.6													
		13-12-19	Mid-Flood	TCE-C1	Sunny	Rough						9:50	7.4	Surface	1.0	1	19.7	8.0	33.8	7.4	98.4	3.1	19.6	7.4				5.3	22.8
																2	19.7	8.0	33.8	7.4	98.5	3.2	21.7						
							Middle	3.7	1	19.7	8.0			34.0	7.3	97.9	4.4	21.3											
									2	19.7	8.0			34.0	7.3	97.7	4.3	24.5											
							Bottom	6.4	1	19.7	8.0			34.0	7.3	97.1	8.4	23.1											
									2	19.7	8.0			34.0	7.3	97.0	8.4	26.8											
		TCE-C2	Sunny	Rough	8:05	14.7	Surface	1.0	1	19.7	8.0	34.0	7.3	98.0	1.2	20.4	7.3	1.7	23.1										
									2	19.7	8.0	34.0	7.3	98.0	1.2	22.3													
							Middle	7.4	1	19.7	8.1	34.2	7.3	97.5	1.6	21.9													
									2	19.7	8.1	34.2	7.3	97.5	1.6	23.1													
Bottom	13.7						1	19.7	8.1	34.3	7.2	96.8	2.3	25.9															
							2	19.7	8.1	34.3	7.2	96.8	2.3	25.0															
TCE-WQM1	Sunny	Moderate	9:07	8.9	Surface	1.0	1	19.6	8.0	33.7	7.4	98.4	1.8	23.0	7.3	3.4	21.7												
							2	19.6	8.0	33.7	7.4	98.5	1.8	29.9															
					Middle	4.5	1	19.7	8.0	34.1	7.3	97.2	3.2	16.6															
							2	19.7	8.0	34.1	7.3	97.3	3.2	18.8															
					Bottom	7.9	1	19.7	8.0	34.2	7.3	97.5	5.3	20.4															
							2	19.7	8.0	34.2	7.3	97.4	5.3	21.3															
TCE-WQM2a	Sunny	Moderate	8:37	8.5	Surface	1.0	1	19.6	8.0	33.8	7.4	98.4	2.7	16.9	7.4	2.6	19.1												
							2	19.6	8.0	33.8	7.4	98.4	2.7	17.5															
					Middle	4.3	1	19.7	8.0	34.0	7.3	97.8	1.7	19.4															
							2	19.7	8.0	34.0	7.3	97.8	1.7	18.0															
					Bottom	7.5	1	19.7	8.1	34.1	7.3	97.9	3.5	21.8															
							2	19.7	8.1	34.1	7.3	97.9	3.5	20.7															
TCE-WQM2b	Sunny	Rough	8:26	10.2	Surface	1.0	1	19.7	8.0	33.9	7.3	97.5	3.2	18.5	7.3	3.2	22.0												
							2	19.7	8.0	33.9	7.3	97.5	3.2	21.5															
					Middle	5.1	1	19.7	8.0	34.2	7.3	97.5	2.5	22.4															
							2	19.7	8.0	34.2	7.3	97.5	2.6	21.7															
					Bottom	9.2	1	19.7	8.0	34.3	7.3	97.2	3.7	23.0															
							2	19.7	8.0	34.3	7.3	97.2	3.7	25.0															
TCE-WQM3A	Sunny	Moderate	8:47	4.6	Surface	1.0	1	19.6	8.0	33.7	7.4	98.8	3.9	26.3	7.4	4.2	24.1												
							2	19.6	8.0	33.7	7.4	98.5	3.9	23.2															
					Bottom	3.6	1	19.7	8.0	34.0	7.3	97.8	4.6	21.7															
							2	19.7	8.0	34.0	7.3	97.6	4.5	25.2															
					TCE-WQM4	Sunny	Moderate	8:56	3.1	Surface	1.0	1	19.6	8.0				33.7	7.4	98.9	4.3	20.8	7.4	4.9	19.6				
												2	19.6	8.0				33.7	7.4	98.9	4.3	22.5							
Bottom	2.1	1	19.6	8.0						33.8	7.4	98.1	5.5	17.2															
		2	19.6	8.0						33.8	7.4	98.3	5.5	17.8															





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)					
18-12-19	Mid-Ebb	TCE-C1	Fine	Moderate	16:22	8.3	Surface	1.0	1	20.5	8.0	31.0	7.3	97.7	3.8	7.4	7.3	7.1	7.2					
							Middle	4.2	1	20.3	8.1	32.9	7.2	96.6	6.6	7.0								
							Bottom	7.3	1	20.2	8.1	33.3	7.2	96.5	10.8	6.4								
		TCE-C2	Fine	Moderate	18:13	12.8	Surface	1.0	1	20.5	7.9	33.1	6.8	33.1	6.8	91.3	1.5	8.3	6.7	2.5	6.5			
							Middle	6.4	1	20.4	8.0	33.6	6.6	89.5	2.2	6.3								
							Bottom	11.8	1	20.4	8.0	33.6	6.7	90.1	3.9	5.2								
		TCE-WQM1	Fine	Calm	17:05	8.0	Surface	1.0	1	20.9	7.9	32.8	7.0	32.8	7.0	94.2	9.1	20.8	7.0	9.7	24.9			
							Middle	4.0	1	20.9	8.0	32.8	7.0	94.5	9.3	24.9								
							Bottom	7.0	1	20.9	8.0	32.8	7.0	94.8	10.6	28.6								
		TCE-WQM2a	Fine	Moderate	17:39	7.0	Surface	1.0	1	20.8	7.9	32.3	7.0	32.3	7.0	94.8	4.8	12.0	7.0	5.3	12.4			
							Middle	3.5	1	20.5	7.9	32.6	6.9	93.4	5.0	12.5								
							Bottom	6.0	1	20.4	8.0	32.8	7.1	95.3	5.9	13.6								
		TCE-WQM2b	Fine	Moderate	17:50	10.4	Surface	1.0	1	20.7	7.9	32.3	6.9	32.3	6.9	92.9	2.8	9.7	6.8	3.3	9.8			
							Middle	5.2	1	20.4	7.9	33.1	6.7	90.7	3.1	10.3								
							Bottom	9.4	1	20.4	7.9	33.5	6.8	91.3	4.1	10.4								
		TCE-WQM3A	Fine	Calm	17:28	3.9	Surface	1.0	1	21.3	7.9	32.4	7.2	32.4	7.2	98.2	3.9	5.8	7.2	5.1	7.4			
							Bottom	2.9	1	21.2	7.9	32.3	7.3	98.6	6.1	8.5								
		TCE-WQM4	Fine	Calm	17:18	2.8	Middle	1.4	1	21.1	7.9	33.0	7.4	33.0	7.4	100.4	5.5	11.6	7.4	5.6	12.1			
		18-12-19	Mid-Flood	TCE-C1	Cloudy	Moderate	12:52	7.6	Surface	1.0	1	20.2	8.0	31.5	7.1	94.5	7.2	10.0	7.1	8.8	11.2			
									Middle	3.8	1	20.2	8.0	32.2	7.1	94.8	9.2	11.6						
									Bottom	6.6	1	20.2	8.1	32.6	7.1	94.3	9.4	11.9						
TCE-C2	Cloudy			Moderate	11:00	12.6	Surface	1.0	1	20.4	8.1	32.6	6.9	32.6	6.9	92.3	3.2	5.3	6.8	6.0	5.3			
							Middle	6.3	1	20.4	8.2	32.7	6.7	90.2	6.2	5.7								
							Bottom	11.6	1	20.3	8.2	33.2	6.6	89.8	6.6	4.7								
TCE-WQM1	Cloudy			Calm	12:09	8.1	Surface	1.0	1	20.8	7.9	32.9	6.9	32.9	6.9	93.7	8.7	12.4	6.9	10.7	11.4			
							Middle	4.1	1	20.8	7.9	33.1	6.9	93.8	10.8	10.8								
							Bottom	7.1	1	20.7	8.0	33.1	7.0	94.7	12.6	11.2								
TCE-WQM2a	Cloudy			Moderate	11:37	6.8	Surface	1.0	1	20.4	7.9	32.0	7.0	32.0	7.0	93.1	4.8	7.0	6.9	6.8	6.9			
							Middle	3.4	1	20.4	7.9	32.2	6.9	92.8	7.3	7.5								
							Bottom	5.8	1	20.5	7.9	32.9	7.0	93.8	8.1	6.8								
TCE-WQM2b	Cloudy			Moderate	11:26	10.3	Surface	1.0	1	20.5	8.0	31.7	7.1	31.7	7.1	94.3	4.2	4.2	7.0	7.8	7.2			
							Middle	5.2	1	20.5	8.0	32.0	7.0	93.4	4.4	5.2								
							Bottom	9.3	1	20.5	8.0	32.0	7.0	93.3	8.4	6.8								
TCE-WQM3A	Cloudy			Calm	11:48	3.8	Surface	1.0	1	20.7	7.9	32.8	6.9	32.8	6.9	93.4	6.8	10.2	6.9	7.2	9.7			
							Bottom	2.8	1	20.6	7.9	32.9	7.1	96.0	7.4	9.6								
TCE-WQM4	Cloudy			Calm	11:58	2.7	Middle	1.4	1	20.5	7.9	32.9	7.1	32.9	7.1	95.2	11.8	10.0	7.1	11.6	9.5			

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)					
20-12-19	Mid-Ebb	TCE-C1	Fine	Rough	8:15	8.0	Surface	1.0	1	19.8	7.9	32.4	7.3	96.0	2.8	6.2	7.2	3.0	5.2					
									2	19.8	7.9	32.4	7.2	96.0	2.8	5.9								
							Middle	4.0	1	19.8	7.9	32.4	7.2	95.1	3.1	5.4								
									2	19.8	7.9	32.4	7.2	95.0	3.0	5.5								
				Bottom	7.0	1	19.8	7.9	32.7	7.2	95.1	3.2	4.3	7.2										
						2	19.8	7.9	32.7	7.2	95.1	3.2	3.9											
		TCE-C2	Fine	Rough	6:36	13.8	Surface	1.0	1	20.1	7.9	33.3	6.7				89.8	0.4	2.2	6.5	0.3	2.8		
								2	20.1	7.9	33.3	6.7	89.7				0.4	2.4						
								Middle	6.9	1	20.4	8.0	33.9	6.4	86.0	0.2	2.5							
										2	20.4	8.0	33.9	6.4	85.9	0.3	2.8							
				Bottom	12.8	1	20.4	8.0	33.9	6.3	85.5	0.3	3.4	6.3										
						2	20.4	8.0	33.9	6.3	85.6	0.3	3.2											
		TCE-WQM1	Fine	Rough	7:38	9.0	Surface	1.0	1	19.8	7.9	32.4	7.2				95.7	2.8	5.3	7.2	2.9	5.8		
								2	19.8	7.9	32.4	7.2	95.7				2.8	5.5						
								Middle	4.5	1	19.8	7.9	32.6	7.2	95.0	2.9	5.7							
										2	19.8	7.9	32.6	7.2	95.1	2.9	5.4							
				Bottom	8.0	1	19.9	7.9	32.9	7.2	95.1	3.0	6.5	7.2										
						2	19.9	7.9	32.9	7.2	95.2	3.0	6.3											
		TCE-WQM2a	Fine	Rough	7:12	8.5	Surface	1.0	1	19.8	7.8	32.4	7.2				95.5	3.1	5.5	7.2	4.9	5.7		
								2	19.8	7.8	32.4	7.2	95.5				3.1	5.2						
								Middle	4.3	1	19.9	7.8	33.2	7.1	95.1	4.3	5.9							
										2	19.9	7.8	33.2	7.1	95.1	4.3	5.5							
				Bottom	7.5	1	19.9	7.9	33.2	7.2	95.8	7.2	6.0	7.2										
						2	19.9	7.9	33.2	7.2	95.7	7.3	5.9											
		TCE-WQM2b	Fine	Rough	7:02	10.4	Surface	1.0	1	19.8	7.8	32.4	7.3				96.2	2.9	5.9	7.2	3.9	5.7		
								2	19.8	7.8	32.4	7.3	96.1				2.9	5.6						
								Middle	5.2	1	19.9	7.9	33.1	7.2	95.9	3.8	6.0							
										2	19.9	7.9	33.1	7.2	95.8	3.8	5.6							
				Bottom	9.4	1	19.9	7.9	33.2	7.2	95.5	5.0	5.6	7.2										
						2	19.9	7.9	33.2	7.2	95.6	5.0	5.5											
		TCE-WQM3A	Fine	Rough	7:20	3.2	Surface	1.0	1	19.8	7.9	32.4	7.3				96.1	2.8	5.0	7.3	2.8	4.7		
								2	19.8	7.9	32.4	7.3	96.2				2.8	5.2						
								Bottom	2.2	1	19.8	7.9	32.5	7.3	96.4	2.8	4.1							
										2	19.8	7.9	32.5	7.3	96.4	2.8	4.5							
				TCE-WQM4	Fine	Rough	7:29	3.9	Surface	1.0	1	19.8	7.9	32.4	7.3	96.2	2.9	3.7	7.3	3.1	5.1			
										2	19.8	7.9	32.4	7.3	96.3	2.9	4.1							
				Bottom					2.9	1	19.8	8.0	32.6	7.3	96.3	3.3	6.5							
										2	19.8	8.0	32.6	7.3	96.5	3.3	6.2							
		20-12-19	Mid-Flood	TCE-C1	Sunny	Rough	12:52	7.8	Surface	1.0	1	20.5	7.8	32.7	7.2	96.9	2.0	3.7	7.2	3.4	4.3			
											2	20.5	7.8	32.7	7.2	97.0	2.1	4.0						
											Middle	3.9	1	20.1	7.9	32.8	7.2	95.6				3.1	4.4	
													2	20.1	7.9	32.8	7.1	95.5				3.1	4.7	
						Bottom	6.8	1	20.0	7.9	32.9	7.1	95.2	5.2	4.7	7.1								
								2	20.0	7.9	32.9	7.1	95.3	5.1	4.5									
				TCE-C2	Sunny	Rough	15:09	14.3	Surface	1.0	1	20.6	7.8	33.3	6.7				90.1	1.4	1.8	6.5	2.9	2.6
										2	20.6	7.8	33.3	6.7	90.1				1.4	1.6				
										Middle	7.2	1	20.4	7.8	33.8	6.4	86.6	2.0	2.4					
												2	20.4	7.8	33.8	6.4	86.7	2.0	2.2					
				Bottom	13.3	1	20.4	7.8	33.9	6.4	86.1	5.1	3.7	6.4										
						2	20.4	7.8	33.9	6.4	86.0	5.2	3.6											
TCE-WQM1	Sunny			Moderate	13:45	8.5	Surface	1.0	1	21.0	7.7	32.3	6.9				93.3	4.2	8.3	6.9	6.4	13.6		
								2	21.0	7.7	32.3	6.9	93.3				4.2	7.7						
								Middle	4.3	1	20.8	7.7	32.3	6.8	92.2	8.5	20.2							
										2	20.8	7.7	32.3	6.8	91.9	8.5	16.5							
				Bottom	7.5	1	20.7	7.8	32.4	6.8	91.6	6.5	12.4	6.8										
						2	20.7	7.8	32.4	6.8	91.7	6.5	16.6											
TCE-WQM2a	Sunny			Rough	14:25	8.1	Surface	1.0	1	20.8	7.8	32.1	7.1				96.1	1.8	4.2	7.0	3.2	4.3		
								2	20.8	7.8	32.1	7.1	96.1				1.8	3.6						
								Middle	4.1	1	20.6	7.8	32.3	6.9	92.2	3.1	4.5							
										2	20.6	7.8	32.3	6.9	92.3	3.2	4.0							
				Bottom	7.1	1	20.6	7.8	32.6	6.8	92.1	4.6	4.6	6.8										
						2	20.6	7.8	32.6	6.8	92.2	4.5	4.7											
TCE-WQM2b	Sunny			Rough	14:38	11.7	Surface	1.0	1	20.9	7.8	32.4	7.0				94.4	1.8	2.8	6.9	2.4	3.5		
								2	20.9	7.8	32.4	7.0	94.4				1.9	2.6						
								Middle	5.9	1	20.6	7.7	32.6	6.9	92.2	2.7	3.5							
										2	20.6	7.7	32.6	6.9	92.3	2.7	3.4							
				Bottom	10.7	1	20.6	7.7	32.7	6.9	93.2	2.5	4.6	6.9										
						2	20.6	7.7	32.7	7.0	93.6	2.5	4.3											
TCE-WQM3A	Sunny			Moderate	14:13	3.6	Surface	1.0	1	20.7	7.8	32.3	6.9				93.1	2.6	5.9	6.9	3.3	6.8		
								2	20.7	7.8	32.3	6.9	92.9				2.6	6.4						
								Bottom	2.6	1	20.6	7.8	32.3	6.9	93.1	3.9	7.7							
										2	20.6	7.8	32.3	6.9	93.2	3.9	7.2							
				TCE-WQM4	Sunny	Moderate	14:00	3.2	Surface	1.0	1	20.7	7.8	32.4	6.9	93.2	9.2	23.3	6.9	9.8	30.7			
										2	20.7	7.8	32.4	6.9	93.1	9.4	19.7							
				Bottom					2.2	1	20.6	7.8	32.4	6.9	93.5	10.4	25.5							
										2	20.6	7.8	32.4	6.9	93.5	10.3	54.1							



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)								
25-12-19	Mid-Ebb	TCE-C1	Fine	Moderate	13:07	7.9	Surface	1.0	1	20.8	7.9	31.3	7.4	99.4	4.1	7.8	7.4	6.2	8.9								
									2	20.7	7.9	31.5	7.4	99.2	4.4	7.9											
							Middle	4.0	1	20.3	7.9	32.5	7.3	97.9	6.1	9.2											
									2	20.3	7.9	32.5	7.3	98.1	6.1	9.2											
							Bottom	6.9	1	20.3	7.9	32.8	7.3	98.4	8.3	9.8											
									2	20.3	7.9	32.8	7.3	98.6	8.4	9.6											
		TCE-C2	Fine	Moderate	10:58	12.8	Surface	1.0	1	20.8	7.7	33.2	6.6	89.1	2.1	4.2	6.4	2.6	6.1								
									2	20.8	7.7	33.1	6.6	89.0	2.2	4.1											
							Middle	6.4	1	20.6	7.7	33.6	6.3	86.0	2.8	6.8											
									2	20.6	7.7	33.6	6.3	85.7	2.8	6.8											
							Bottom	11.8	1	20.6	7.7	33.6	6.3	86.0	2.9	7.4											
									2	20.6	7.7	33.6	6.3	85.8	2.7	7.5											
		TCE-WQM1	Fine	Calm	12:16	8.2	Surface	1.0	1	20.8	7.7	33.0	7.1	96.8	6.1	10.1	7.2	6.4	10.4								
									2	20.8	7.7	33.0	7.1	96.7	6.3	9.9											
							Middle	4.1	1	20.8	7.7	33.0	7.2	97.2	6.3	9.9											
									2	20.8	7.7	33.0	7.2	97.2	6.5	10.0											
							Bottom	7.2	1	20.8	7.7	33.0	7.2	97.2	6.5	11.2											
									2	20.8	7.7	33.0	7.2	97.3	6.4	11.1											
		TCE-WQM2a	Fine	Moderate	11:41	7.0	Surface	1.0	1	20.7	7.7	32.8	7.0	94.6	4.7	9.5	7.0	5.4	10.9								
									2	20.7	7.7	32.8	7.0	94.6	4.7	9.1											
							Middle	3.5	1	20.7	7.7	32.8	7.0	94.2	5.4	10.2											
									2	20.7	7.7	32.8	7.0	94.3	5.3	10.6											
							Bottom	6.0	1	20.7	7.7	32.8	7.0	95.1	6.0	12.8											
									2	20.7	7.7	32.8	7.0	95.0	6.0	13.4											
		TCE-WQM2b	Fine	Moderate	11:28	11.2	Surface	1.0	1	20.7	7.7	32.8	6.8	92.0	4.2	8.9	6.8	5.3	7.8								
									2	20.7	7.7	32.8	6.8	92.0	4.2	8.5											
							Middle	5.6	1	20.7	7.6	32.9	6.7	91.0	5.2	7.6											
									2	20.7	7.6	32.9	6.7	90.9	5.3	7.2											
							Bottom	10.2	1	20.7	7.6	33.2	6.8	92.0	6.5	7.2											
									2	20.7	7.6	33.2	6.8	92.2	6.5	7.4											
		TCE-WQM3A	Fine	Calm	11:53	4.2	Surface	1.0	1	20.9	7.7	32.8	7.1	96.2	2.4	6.9	7.1	2.7	7.1								
									2	20.9	7.7	32.9	7.1	96.1	2.5	7.0											
							Bottom	3.2	1	20.8	7.7	32.9	7.1	96.6	2.8	7.2											
									2	20.8	7.7	32.9	7.1	96.8	2.9	7.3											
							TCE-WQM4	Fine	Calm	12:05	3.4	Surface	1.0	1	21.1	7.7				32.9	7.1	96.6	2.6	7.8	7.1	3.2	7.2
													2	21.0	7.7	32.9				7.1	97.0	2.8	8.2				
		Bottom	2.4	1	20.9	7.7	33.0					7.3	98.9	3.7	6.5												
				2	20.9	7.7	33.0					7.3	99.1	3.7	6.4												
		TCE-WQM1	Cloudy	Moderate	16:00	7.8	Surface					1.0	1	21.3	7.8	31.6	7.6	102.8	2.8	5.5	7.4	4.9	6.9				
												2	21.3	7.8	31.6	7.6	102.7	2.8	6.1								
		Middle					3.9	1	20.8	7.8	32.0	7.3	98.7	3.8	6.5												
								2	20.8	7.8	32.0	7.3	98.6	3.9	6.4												
		Bottom					6.8	1	20.5	7.8	32.7	7.2	96.4	8.0	8.6												
								2	20.5	7.8	32.7	7.2	96.5	8.1	8.5												
		TCE-C2	Cloudy	Moderate	18:08	13.1	Surface	1.0	1	20.9	7.7	33.4	6.5	88.6	3.4	6.0	6.5	5.7	7.2								
									2	20.8	7.7	33.4	6.5	88.6	3.7	5.9											
							Middle	6.6	1	20.8	7.7	33.5	6.5	87.8	5.1	7.2											
									2	20.8	7.7	33.5	6.5	87.8	5.1	6.5											
Bottom	12.1						1	20.7	7.7	33.6	6.5	88.4	8.6	8.9													
							2	20.7	7.7	33.6	6.5	88.4	8.5	8.8													
TCE-WQM1	Cloudy	Calm	16:44	8.0	Surface	1.0	1	21.0	7.8	33.1	7.2	97.9	3.2	6.2	7.2	3.8	7.2										
							2	21.0	7.8	33.1	7.2	97.8	3.3	5.8													
					Middle	4.0	1	20.9	7.8	33.1	7.2	97.3	3.8	6.8													
							2	20.9	7.8	33.1	7.2	97.6	3.8	7.3													
					Bottom	7.0	1	20.9	7.8	33.1	7.2	98.2	4.3	8.4													
							2	20.9	7.8	33.1	7.2	98.2	4.2	8.9													
TCE-WQM2a	Cloudy	Moderate	17:24	7.0	Surface	1.0	1	20.9	7.7	32.8	7.1	96.4	3.6	4.3	7.1	4.4	6.9										
							2	20.9	7.7	32.8	7.1	96.4	3.6	4.8													
					Middle	3.5	1	20.8	7.7	32.8	7.1	96.1	4.7	7.3													
							2	20.8	7.7	32.8	7.1	95.5	4.7	6.9													
					Bottom	6.0	1	20.8	7.7	32.8	7.2	97.3	4.9	9.5													
							2	20.8	7.7	32.8	7.2	97.0	4.9	8.6													
TCE-WQM2b	Cloudy	Moderate	17:36	11.0	Surface	1.0	1	20.9	7.7	33.0	6.9	93.8	3.9	6.0	6.9	4.7	8.1										
							2	20.9	7.7	33.0	6.9	93.5	4.1	5.7													
					Middle	5.5	1	20.9	7.6	33.0	6.9	93.2	4.9	8.2													
							2	20.9	7.6	33.0	6.9	93.1	4.9	7.7													
					Bottom	10.0	1	20.8	7.6	33.0	7.0	95.0	5.2	10.9													
							2	20.8	7.6	33.0	7.0	95.2	5.3	10.2													
TCE-WQM3A	Cloudy	Calm	17:13	4.2	Surface	1.0	1	21.0	7.7	32.9	7.0	95.5	3.6	8.3	7.0	4.9	7.9										
							2	21.0	7.7	32.9	7.0	95.5	3.8	8.3													
					Bottom	3.2	1	20.8	7.6	32.9	7.0	94.4	6.0	7.0													
							2	20.8	7.6	32.9	7.0	94.8	6.1	7.9													
					TCE-WQM4	Cloudy	Calm	17:00	3.3	Surface	1.0	1	21.0	7.7				33.0	7.3	99.5	4.6	11.6	7.3	5.7	10.4		
											2	21.0	7.7	33.0				7.3	99.4	4.8	11.0						
Bottom	2.3	1	21.0	7.7	33.0					7.4	100.1	6.7	9.0														
		2	21.0	7.7	33.0					7.4	100.1	6.8	9.8														

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)				
27-12-19	Mid-Ebb	TCE-C1	Sunny	Rough	12:14	7.5	Surface	1.0	1	20.2	7.9	31.3	7.6	100.9	4.9	13.5	7.5	7.4	12.4				
							Middle	3.8	1	20.1	8.0	32.7	7.5	99.9	7.9	12.2							
							Bottom	6.5	1	20.1	8.1	33.7	7.5	100.2	9.4	11.0							
		TCE-C2	Sunny	Rough	14:18	14.1	Surface	1.0	1	21.0	7.5	32.6	6.8	92.8	1.4	7.0	6.7	2.2	5.5				
							Middle	7.1	1	20.6	7.5	33.2	6.6	88.6	2.0	5.5							
							Bottom	13.1	1	20.6	7.5	33.4	6.6	88.4	3.2	4.5							
		TCE-WQM1	Sunny	Rough	13:04	9.7	Surface	1.0	1	20.6	7.5	32.1	7.2	97.1	4.8	10.7	7.2	6.5	11.5				
							Middle	4.9	1	20.5	7.5	32.1	7.1	95.7	6.2	11.0							
							Bottom	8.7	1	20.5	7.6	32.1	7.3	97.7	8.4	12.8							
		TCE-WQM2a	Sunny	Moderate	13:41	7.8	Surface	1.0	1	20.7	7.5	32.1	7.0	93.7	8.8	16.6	6.9	6.9	18.7				
							Middle	3.9	1	20.7	7.5	32.4	6.8	91.8	6.0	19.1							
							Bottom	6.8	1	20.7	7.5	32.8	6.8	92.2	5.7	20.4							
		TCE-WQM2b	Sunny	Rough	13:53	10.7	Surface	1.0	1	21.1	7.5	32.1	7.1	95.8	1.9	6.6	6.8	3.7	7.0				
							Middle	5.4	1	20.7	7.5	32.6	6.6	89.6	3.6	6.7							
							Bottom	9.7	1	20.6	7.5	33.3	6.6	89.7	5.7	7.8							
		TCE-WQM3A	Sunny	Moderate	13:29	3.5	Surface	1.0	1	21.0	7.5	31.9	7.5	101.0	2.7	11.4	7.5	3.4	8.9				
							Bottom	2.5	1	21.0	7.5	31.9	7.5	101.1	4.1	7.0							
		TCE-WQM4	Sunny	Moderate	13:18	3.9	Surface	1.0	1	20.8	7.5	32.1	7.4	100.0	4.7	8.6	7.4	5.0	8.0				
							Bottom	2.9	1	20.8	7.5	32.1	7.5	101.0	5.2	7.7							
		27-12-19	Mid-Flood	TCE-C1	Sunny	Rough	9:59	7.4	Surface	1.0	1	20.1	7.7	31.4	7.5	99.2	5.7	14.5	7.5	7.5	15.3		
									Middle	3.7	1	20.1	7.7	31.7	7.5	99.3	6.3	15.2					
									Bottom	6.4	1	20.1	8.1	33.7	7.4	100.1	10.3	16.8					
TCE-C2	Sunny			Rough	7:53	12.3	Surface	1.0	1	20.6	7.6	32.3	7.0	93.8	3.4	9.7	6.9	6.7	8.0				
							Middle	6.2	1	20.6	7.6	32.5	6.8	91.0	7.2	8.2							
							Bottom	11.3	1	20.7	7.6	33.0	6.5	88.2	9.5	6.7							
TCE-WQM1	Sunny			Rough	9:06	8.0	Surface	1.0	1	20.4	7.6	32.4	7.2	96.1	7.3	13.8	7.2	6.7	11.1				
							Middle	4.0	1	20.4	7.6	32.4	7.2	96.6	6.6	10.6							
							Bottom	7.0	1	20.2	7.6	32.4	7.3	97.0	6.1	8.5							
TCE-WQM2a	Sunny			Rough	8:30	6.8	Surface	1.0	1	20.6	7.6	31.8	7.2	96.6	7.2	15.1	7.2	7.9	13.0				
							Middle	3.4	1	20.6	7.6	31.8	7.2	95.9	8.2	12.8							
							Bottom	5.8	1	20.6	7.6	32.1	7.2	96.4	8.4	11.2							
TCE-WQM2b	Sunny			Rough	8:17	9.8	Surface	1.0	1	20.6	7.7	32.0	7.1	95.6	5.1	22.6	7.1	8.3	20.3				
							Middle	4.9	1	20.6	7.7	32.0	7.1	95.5	9.1	19.6							
							Bottom	8.8	1	20.7	7.7	32.0	7.3	97.5	10.4	18.0							
TCE-WQM3A	Sunny			Rough	8:43	3.9	Surface	1.0	1	20.5	7.6	32.2	7.1	94.8	3.8	11.0	7.1	4.3	12.6				
							Bottom	2.9	1	20.4	7.6	32.3	7.1	94.8	4.8	13.5							
TCE-WQM4	Sunny			Rough	8:54	3.2	Surface	1.0	1	20.6	7.6	32.1	7.2	96.5	4.8	9.8	7.2	6.4	9.2				
							Bottom	2.2	1	20.6	7.6	32.2	7.2	96.6	7.9	9.0							



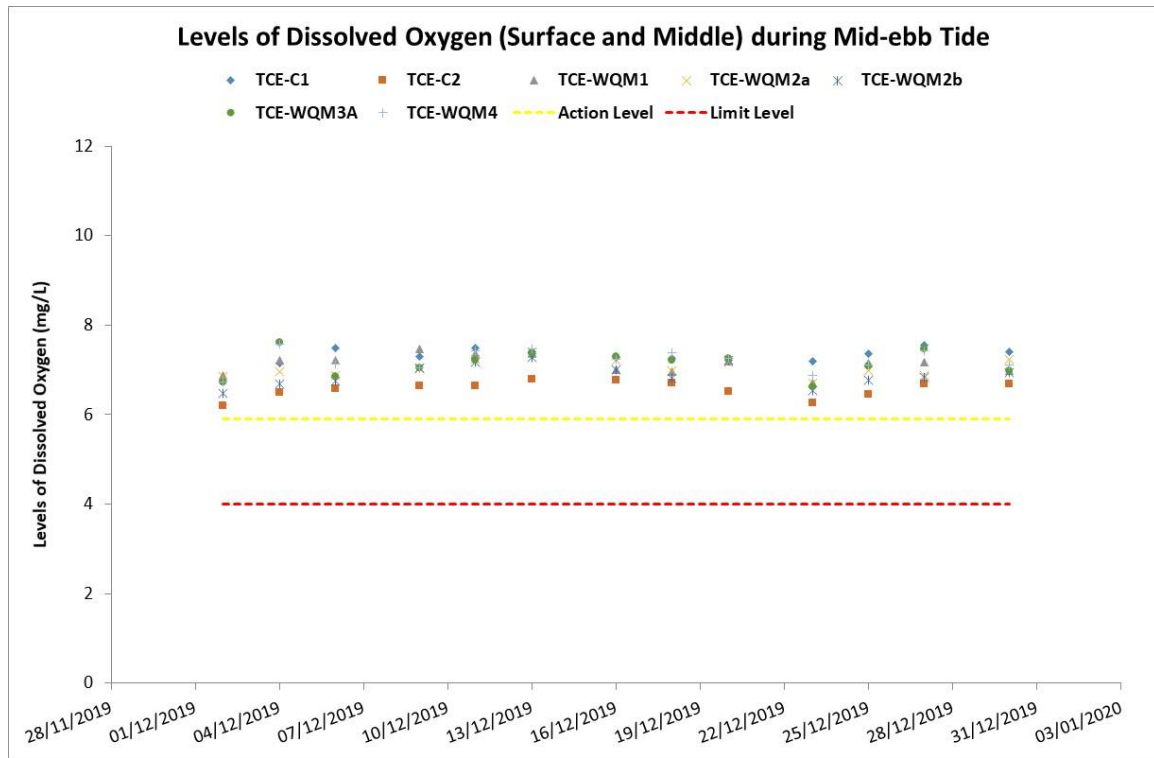


Figure 1: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 December 2019

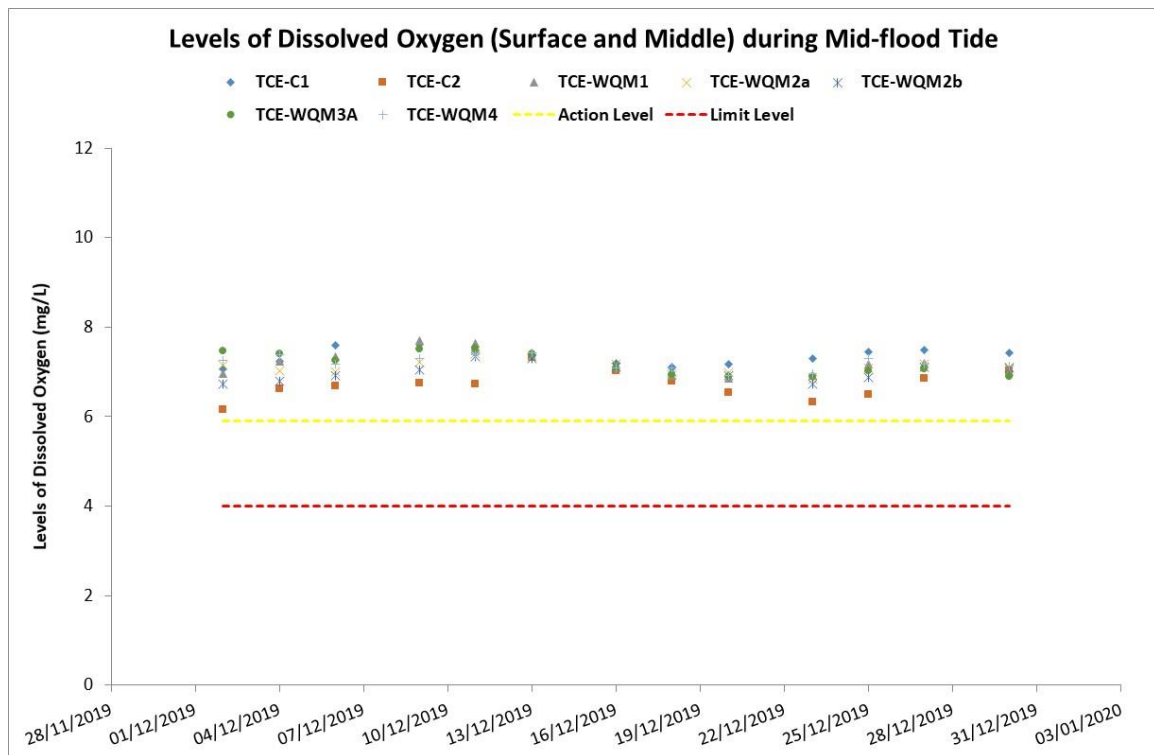


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 December 2019

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\10 Monthly EM&A Report\  
 Date: December 2019

**Environmental Resources Management**



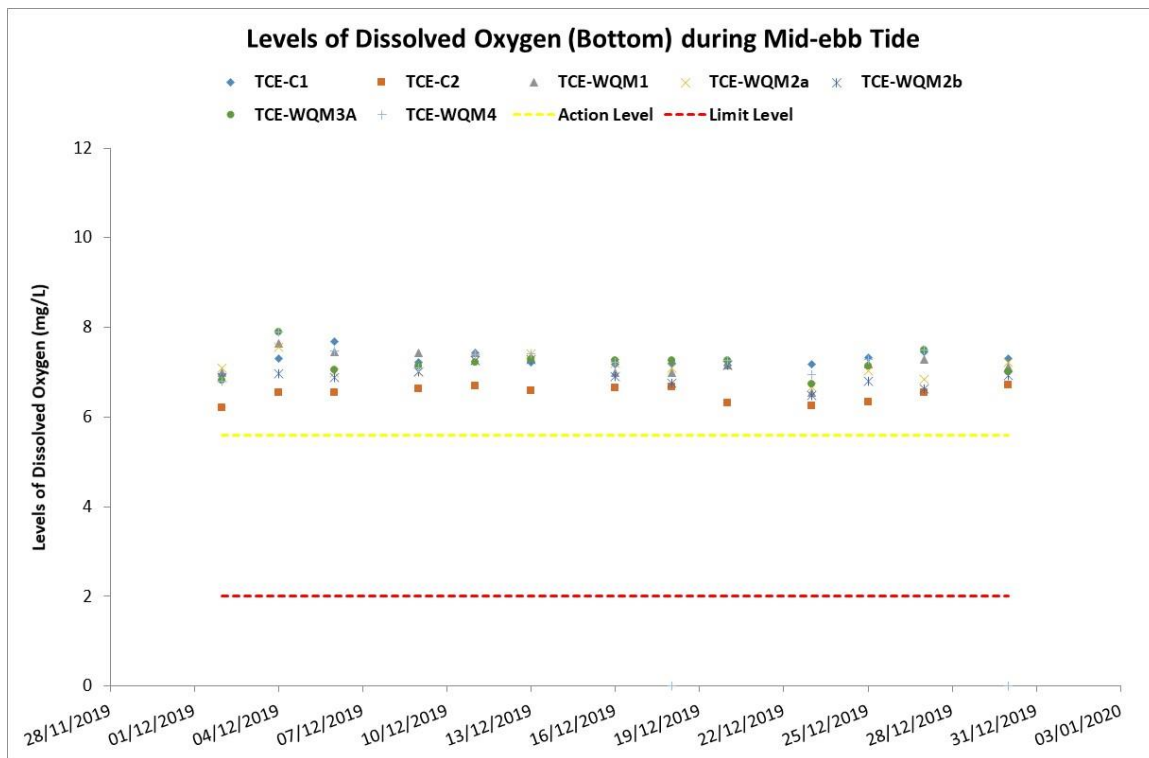


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 December 2019

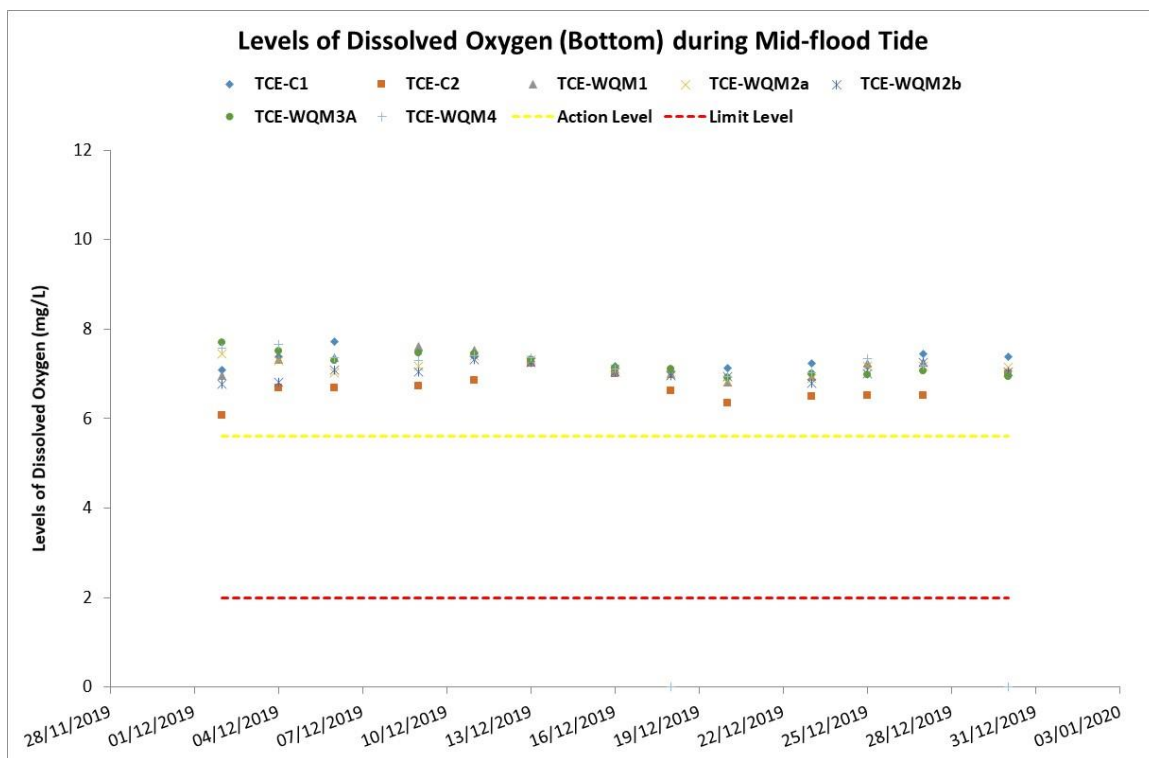


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 December 2019

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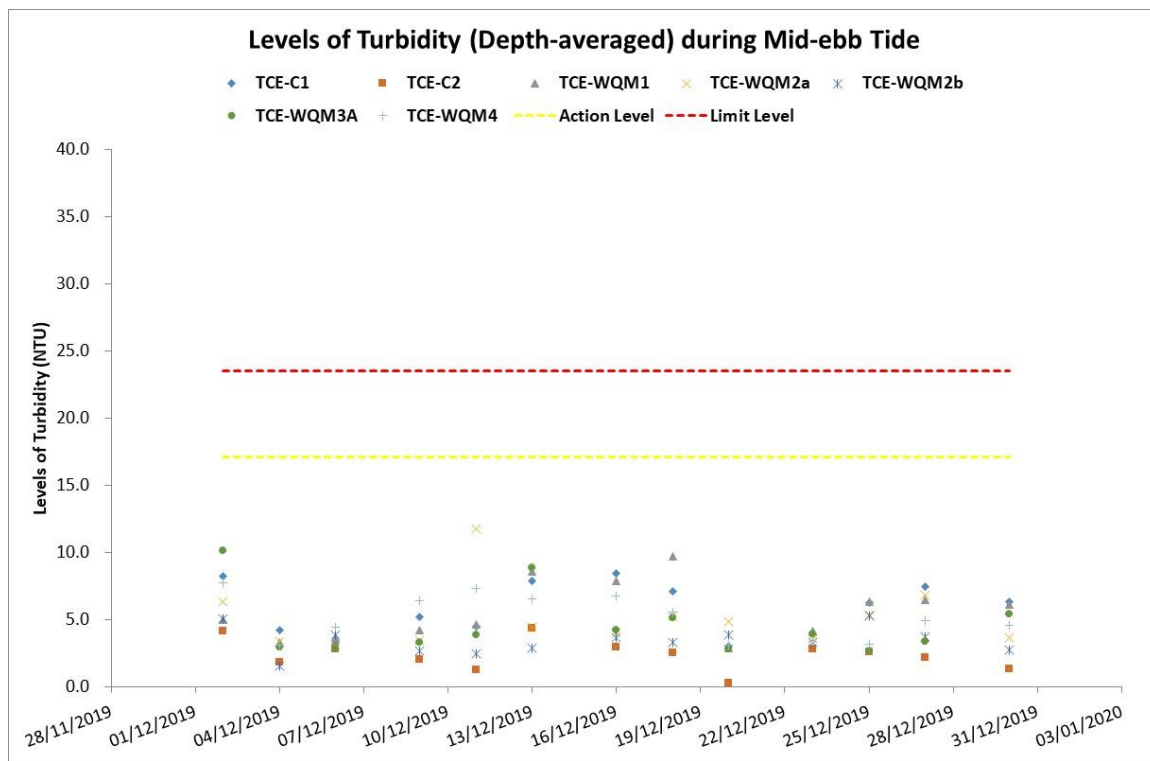


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 December 2019

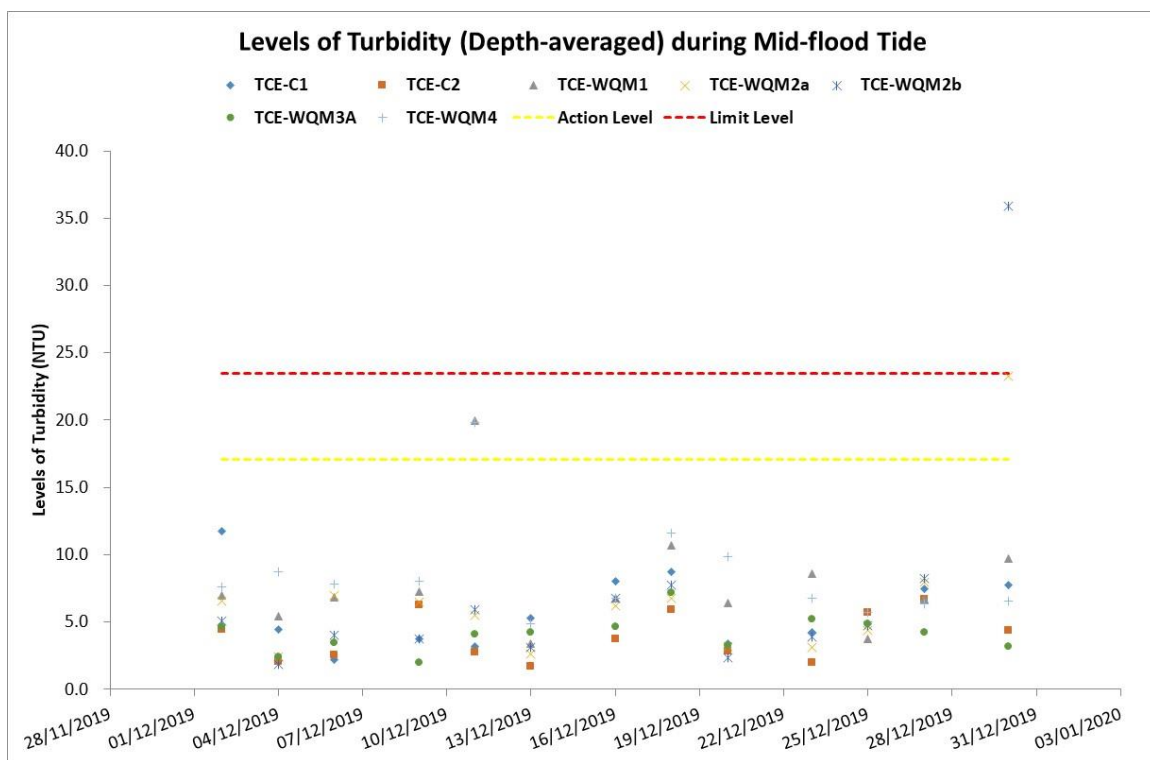


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 December 2019

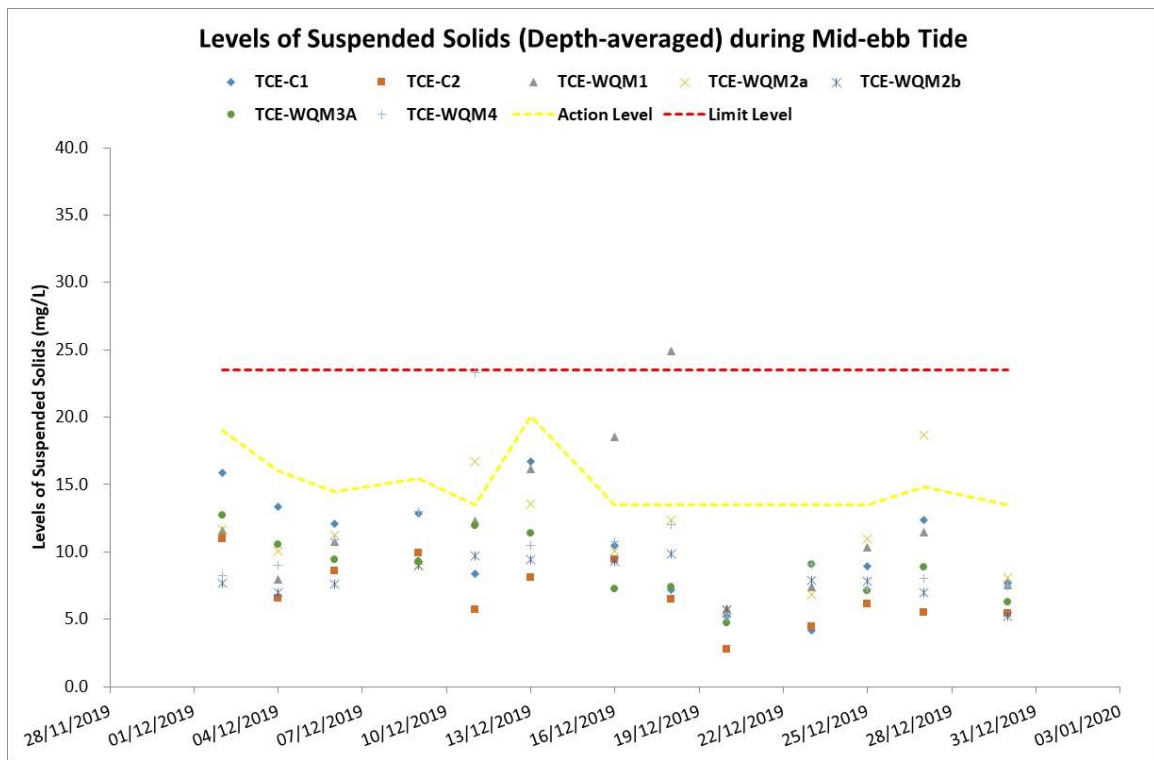


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Water Quality Monitoring between 1 and 31 December 2019

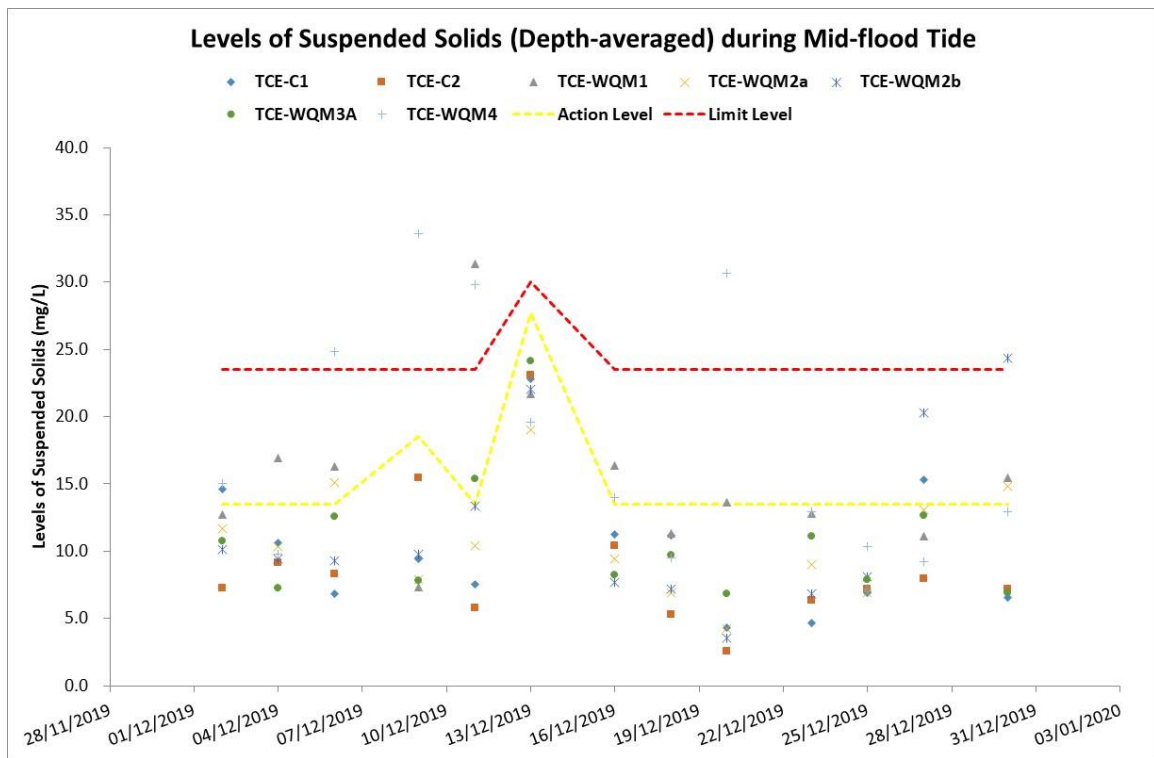


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Water Quality Monitoring between 1 and 31 December 2019

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\10 Monthly EM&A Report\  
 Date: December 2019

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