



ANNEX C

OPERATION PHASE WATER QUALITY
MONITORING RESULTS

Water Quality Monitoring Data Log Sheet

Date: 2024/01/02

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)		Total Inorganic Nitrogen (mg/L)		5-day Biochemical Oxygen Demand (mg/L)									
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	DA*			
Mid-Ebb	E2	Fine	Moderate	16:18	9.5	S	0.46	130	20.1	20.1	20.0	33.4	33.3	8.2	8.2	103.7	104.0	7.7	7.7	2.8	2.8	5.7	5.7	<0.001	<0.001	2.6	2.6	0.09	0.09	<1.0	<1.0					
							0.46	130	20.1	20.1		33.3	33.3	8.2	8.2	104.3	104.3	7.8	7.7	2.8	2.8	<0.001	<0.001	2.5	2.6	0.08	0.08	<1.0	<1.0							
							0.30	307	20.1	20.1		33.4	33.4	8.2	8.2	101.6	101.9	7.6	7.6	4.4	4.5	<0.001	<0.001	3.0	3.0	0.08	0.08	<1.0	<1.0							
						0.59	346	20.1	20.1	33.4		33.4	8.2	8.2	102.2	102.2	7.6	7.6	4.5	4.5	<0.001	<0.001	2.9	3.0	0.08	0.08	<1.0	<1.0	<1.0	<1.0						
						0.45	185	20.0	20.0	33.4		33.4	8.2	8.2	102.7	102.1	7.7	7.6	9.0	9.9	<0.001	<0.001	7.0	7.3	0.08	0.08	<1.0	<1.0								
						0.13	5	20.0	20.0	33.4		33.4	8.2	8.2	101.5	101.5	7.6	7.6	10.8	10.8	<0.001	<0.001	7.5	7.5	0.08	0.08	<1.0	<1.0								
	IM6	Fine	Moderate	15:49	17.1	S	0.66	178	19.9	19.9	19.8	33.4	33.4	8.1	8.1	99.2	99.2	7.4	7.4	4.1	4.2	5.0	5.0	<0.001	<0.001	3.8	4.0	0.08	0.08	0.07	0.07	<1.0	<1.0			
							0.41	72	19.7	19.7		33.4	33.4	8.1	8.1	98.6	98.6	7.4	7.4	5.2	5.2	<0.001	<0.001	4.2	4.0	0.07	0.07	<1.0	<1.0							
							1.03	335	19.7	19.7		33.4	33.4	8.1	8.1	98.5	98.5	7.4	7.4	5.1	5.1	<0.001	<0.001	5.1	5.3	0.07	0.07	<1.0	<1.0	<1.0	<1.0					
						0.14	92	19.7	19.7	33.4		33.4	8.1	8.1	99.5	99.3	7.5	7.4	5.5	5.5	<0.001	<0.001	6.1	6.3	0.06	0.06	<1.0	<1.0								
						0.05	336	19.7	19.7	33.4		33.4	8.1	8.1	99.1	99.1	7.4	7.4	5.7	5.6	<0.001	<0.001	6.5	6.3	0.07	0.07	<1.0	<1.0								
						0.73	274	19.7	19.7	33.3		33.3	8.2	8.2	98.6	98.6	7.4	7.4	4.2	4.2	<0.001	<0.001	4.2	4.4	0.07	0.08	<1.0	<1.0								
Mid-Flood	F3	Cloudy	Rough	10:55	18.0	S	0.27	323	19.7	19.7	19.7	33.3	33.3	8.2	8.2	98.5	98.5	7.4	7.4	7.4	7.4	9.9	9.9	<0.001	<0.001	4.5	4.4	0.08	0.08	0.08	0.08	<1.0	<1.0			
							0.19	3	19.7	19.7		33.3	33.3	8.2	8.2	98.0	98.1	7.4	7.4	6.2	5.9	<0.001	<0.001	5.4	5.3	0.08	0.08	<1.0	<1.0							
							0.17	9	19.7	19.7		33.3	33.3	8.2	8.2	98.7	98.4	7.4	7.4	5.6	5.6	<0.001	<0.001	5.1	5.3	0.08	0.08	<1.0	<1.0	<1.0	<1.0					
						0.17	9	19.7	19.7	33.3		33.3	8.2	8.2	98.1	98.1	7.4	7.4	19.4	19.7	<0.001	<0.001	21.7	22.1	0.07	0.07	<1.0	<1.0								
						0.39	190	19.7	19.7	33.4		33.4	8.1	8.1	98.7	98.6	7.4	7.4	7.4	7.3	<0.001	0.002	8.1	8.4	0.06	0.06	<1.0	<1.0								
						0.39	190	19.7	19.7	33.4		33.4	8.1	8.1	98.5	98.5	7.4	7.4	7.2	7.3	0.003	0.002	8.6	8.4	0.06	0.06	<1.0	<1.0								
	IM6	Cloudy	Rough	10:33	16.8	S	0.48	353	19.7	19.7	19.7	33.4	33.4	8.1	8.1	98.7	98.7	7.4	7.4	9.3	8.9	8.7	8.7	<0.001	<0.001	8.4	8.2	0.06	0.06	0.06	0.06	<1.0	<1.0	<1.0	<1.0	
							0.59	56	19.7	19.7		33.4	33.4	8.1	8.1	98.7	98.7	7.4	7.4	8.4	8.4	<0.001	<0.001	8.0	8.0	0.05	0.05	<1.0	<1.0							
							0.02	357	19.8	19.8		33.4	33.4	8.1	8.1	99.6	99.4	7.5	7.5	10.0	10.1	<0.001	<0.001	11.9	11.7	0.06	0.06	<1.0	<1.0							
						0.02	357	19.8	19.8	33.4		33.4	8.1	8.1	99.1	99.1	7.4	7.4	10.1	10.1	<0.001	<0.001	11.4	11.7	0.06	0.06	<1.0	<1.0								
						0.02	357	19.8	19.8	33.4		33.4	8.1	8.1	99.1	99.1	7.4	7.4	10.1	10.1	<0.001	<0.001	11.4	11.7	0.06	0.06	<1.0	<1.0								
						0.02	357	19.8	19.8	33.4		33.4	8.1	8.1	99.1	99.1	7.4	7.4	10.1	10.1	<0.001	<0.001	11.4	11.7	0.06	0.06	<1.0	<1.0								

Remark: * DA: Depth-Averaged
 ** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
 *** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/01/09

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)			Total Inorganic Nitrogen (mg/L)			5-day Biochemical Oxygen Demand (mg/L)		
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average
Mid-Ebb	E2	Cloudy	Calm	10:37	9.2	S	0.81	64	19.3	19.3	19.3	33.6	33.6	8.3	8.3	125.1	125.1	9.4	9.4	0.6	0.6	<0.001	<0.001	2.2	2.3	<0.02	<0.02	1.1	1.2	1.2	
							0.81	64	19.3	33.6		33.6	8.3	8.3	125.0	125.0	9.4	9.4	0.5	0.6	<0.001	<0.001	2.4	2.3	<0.02	<0.02	1.3	1.2			
							0.21	42	19.2	33.6		33.6	8.3	8.3	123.5	123.7	9.3	9.4	0.5	0.6	<0.001	<0.001	2.5	2.7	<0.02	<0.02	1.3	1.3			
							0.07	137	19.2	33.6		33.6	8.3	8.3	123.8	123.7	9.4	9.4	0.6	0.6	<0.001	<0.001	2.8	2.7	<0.02	<0.02	1.3	1.3			
							0.24	261	19.2	33.6		33.6	8.3	8.3	120.7	120.7	9.1	9.1	0.7	0.7	<0.001	<0.001	3.6	3.5	<0.02	<0.02	<1.0	<1.0			
							0.19	221	19.2	33.6		33.6	8.3	8.3	120.7	120.7	9.1	9.1	0.6	0.6	<0.001	<0.001	3.3	3.5	<0.02	<0.02	<1.0	<1.0			
	IM6	Cloudy	Calm	10:04	17.1	S	0.17	114	18.7	19.2	18.6	33.8	33.7	8.2	8.2	102.3	102.3	7.8	7.8	1.8	1.8	<0.001	<0.001	3.4	3.3	0.04	0.04	<1.0	<1.0	<1.0	
							0.23	174	18.7	33.7		33.7	8.2	8.2	102.2	102.3	7.8	7.8	1.8	1.8	<0.001	<0.001	3.2	3.3	0.04	0.04	<1.0	<1.0			
							0.42	241	18.6	33.8		33.8	8.2	8.2	100.4	100.5	7.7	7.7	2.0	2.2	<0.001	<0.001	4.0	3.9	0.04	0.04	<1.0	<1.0			
							0.20	96	18.6	33.8		33.8	8.2	8.2	100.6	100.5	7.7	7.7	2.0	2.2	<0.001	<0.001	3.7	3.9	0.04	0.04	<1.0	<1.0			
							0.35	96	18.6	33.8		33.8	8.2	8.2	98.0	98.1	7.5	7.5	3.6	3.6	<0.001	<0.001	4.6	4.5	0.04	0.04	<1.0	<1.0			
							0.35	96	18.6	33.8		33.8	8.2	8.2	98.1	98.1	7.5	7.5	3.5	3.6	0.005	0.003	4.3	4.5	0.05	0.05	<1.0	<1.0			
Mid-Flood	F3	Fine	Calm	14:47	18.2	S	0.48	286	19.8	19.8	19.5	33.5	33.5	8.2	8.2	106.7	106.9	8.0	8.0	1.5	1.5	<0.001	<0.001	2.2	2.4	0.04	0.05	<1.0	<1.0	<1.0	
							0.43	343	19.8	33.5		33.5	8.2	8.2	107.0	107.0	8.0	8.0	1.5	1.5	<0.001	<0.001	2.6	2.4	0.05	0.05	<1.0	<1.0			
							0.53	28	19.4	33.4		33.5	8.2	8.2	103.4	104.1	7.8	7.9	1.6	1.7	<0.001	<0.001	3.0	2.8	0.04	0.04	<1.0	<1.0			
							0.53	28	19.5	33.5		33.5	8.2	8.2	104.7	104.1	7.9	7.9	1.7	1.7	<0.001	<0.001	2.6	2.8	0.04	0.04	<1.0	<1.0			
							0.07	129	19.3	33.5		33.5	8.1	8.2	101.2	101.1	7.7	7.6	2.4	2.6	<0.001	<0.001	4.1	3.4	0.04	0.04	<1.0	<1.0			
							0.53	334	19.3	33.5		33.5	8.2	8.2	101.0	101.0	7.6	7.6	2.8	2.6	0.004	0.003	2.6	2.8	0.05	0.05	<1.0	<1.0			
	IM6	Fine	Calm	14:32	17.2	S	0.14	34	19.6	19.6	19.4	33.4	33.4	8.1	8.1	105.2	105.8	7.9	8.0	1.7	1.8	<0.001	<0.001	2.9	2.8	0.04	0.04	<1.0	<1.0	<1.0	
							0.16	60	19.7	33.4		33.4	8.1	8.1	106.3	106.3	8.0	8.0	1.8	1.8	<0.001	<0.001	2.6	2.8	0.04	0.04	<1.0	<1.0			
							0.68	222	19.3	33.5		33.5	8.1	8.1	102.1	102.5	7.7	7.8	1.9	1.9	<0.001	<0.001	3.6	3.5	0.05	0.05	<1.0	<1.0			
							0.17	264	19.3	33.5		33.5	8.1	8.1	102.9	102.9	7.8	7.8	1.8	1.8	<0.001	<0.001	3.4	3.5	0.05	0.05	<1.0	<1.0			
							0.25	74	19.3	33.5		33.5	8.1	8.1	100.7	100.6	7.6	7.6	4.7	4.8	<0.001	<0.001	10.8	9.8	0.05	0.05	<1.0	<1.0			
							0.25	74	19.3	33.5		33.5	8.1	8.1	100.5	100.5	7.6	7.6	4.9	4.8	<0.001	<0.001	9.0	9.8	0.05	0.05	<1.0	<1.0			

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/01/16

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)		Total Inorganic Nitrogen (mg/L)		5-day Biochemical Oxygen Demand (mg/L)				
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	DA*
Mid-Ebb	E2	Fine	Rough	16:03	9.0	S	0.25	250	20.2	20.2	20.2	32.9	32.9	8.3	8.3	110.2	110.0	8.2	8.2	3.0	3.0	<0.001	<0.001	4.0	3.9	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.25	250	20.2					8.3	8.3	109.7	109.3	2.9	2.9	<0.001	<0.001	3.7	3.7	0.08	0.08	<1.0	<1.0	<1.0	<1.0		
							0.09	352	20.2					8.3	8.3	109.2	109.3	3.2	3.1	<0.001	<0.001	4.6	4.8	0.08	0.08	<1.0	<1.0	<1.0	<1.0		
						0.21	61	20.2	8.3					8.3	109.3	109.3	2.9	3.1	<0.001	<0.001	5.0	4.8	0.08	0.08	<1.0	<1.0	<1.0	<1.0			
						0.15	126	20.2	8.3					8.3	107.6	108.0	3.2	3.2	<0.001	<0.001	5.9	5.7	0.07	0.08	<1.0	<1.0	<1.0	<1.0			
						0.28	65	20.2	8.3					8.3	108.3	108.1	3.1	3.1	<0.001	<0.001	5.5	5.5	0.08	0.08	<1.0	<1.0	<1.0	<1.0			
	IM6	Fine	Rough	15:32	17.0	S	0.42	338	19.9	19.9	19.9	33.3	33.3	8.2	8.2	108.2	108.2	8.1	8.1	1.9	1.9	<0.001	<0.001	3.7	3.8	0.06	0.05	<1.0	<1.0	<1.0	<1.0
							0.22	336	19.9					8.2	8.2	106.5	106.7	8.0	8.0	<0.001	<0.001	4.4	4.3	0.04	0.04	<1.0	<1.0	<1.0	<1.0		
							0.11	284	19.9					8.2	8.2	106.8	106.8	1.8	1.9	<0.001	<0.001	3.9	3.8	0.04	0.05	<1.0	<1.0	<1.0	<1.0		
						0.04	152	19.9	8.2					8.2	105.7	105.8	7.9	7.9	<0.001	<0.001	4.2	4.3	0.04	0.04	<1.0	<1.0	<1.0	<1.0			
						0.04	152	19.9	8.2					8.2	105.9	105.8	7.9	7.9	<0.001	<0.001	5.8	5.7	0.02	0.02	<1.0	<1.0	<1.0	<1.0			
						0.11	284	19.9	8.2					8.2	106.8	106.7	8.0	8.0	<0.001	<0.001	3.0	3.3	0.04	0.04	<1.0	<1.0	<1.0	<1.0			
Mid-Flood	F3	Cloudy	Rough	10:27	18.0	S	0.68	271	19.9	19.9	19.9	33.5	33.5	8.3	8.3	104.3	104.4	7.8	7.8	3.8	3.9	<0.001	<0.001	4.0	4.2	0.02	0.03	<1.0	<1.0	<1.0	<1.0
							0.68	271	19.9					8.3	8.3	104.5	104.4	7.8	7.8	<0.001	<0.001	4.4	4.2	0.04	0.04	<1.0	<1.0	<1.0	<1.0		
							0.81	276	19.9					8.3	8.3	103.7	103.7	7.8	7.8	<0.001	<0.001	6.8	6.6	0.02	0.02	<1.0	<1.0	<1.0	<1.0		
						0.41	236	19.9	8.3					8.3	103.7	103.7	7.8	7.8	<0.001	<0.001	4.2	4.5	0.02	0.02	<1.0	<1.0	<1.0	<1.0			
						0.67	276	19.9	8.3					8.3	103.4	103.6	7.7	7.7	<0.001	<0.001	17.0	16.1	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0			
						0.53	291	19.9	8.3					8.3	103.8	103.8	7.8	7.8	<0.001	<0.001	19.2	16.1	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0			
	IM6	Cloudy	Rough	9:58	16	S	0.52	247	20.0	20.0	20.0	33.4	33.4	8.2	8.2	104.9	104.9	7.8	7.8	5.5	5.4	<0.001	0.001	7.4	7.7	0.03	0.04	<1.0	<1.0	<1.0	<1.0
							0.52	247	20.0					8.2	8.2	104.8	104.9	7.8	7.8	<0.001	<0.001	7.9	7.7	0.05	0.05	<1.0	<1.0	<1.0	<1.0		
							0.41	268	20.0					8.2	8.2	104.6	104.4	7.8	7.8	<0.001	<0.001	8.7	8.5	0.05	0.05	<1.0	<1.0	<1.0	<1.0		
						0.32	218	20.0	8.2					8.2	104.2	104.2	7.8	7.8	<0.001	<0.001	8.3	8.3	0.05	0.05	<1.0	<1.0	<1.0	<1.0			
						0.83	293	20.0	8.2					8.2	104.2	104.1	7.8	7.8	<0.001	<0.001	11.1	11.8	0.03	0.04	<1.0	<1.0	<1.0	<1.0			
						0.12	339	20.0	8.2					8.2	104.0	104.1	7.8	7.8	<0.001	<0.001	7.7	7.7	0.05	0.04	<1.0	<1.0	<1.0	<1.0			

Remark: * DA: Depth-Averaged
 ** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
 *** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/01/26

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)			Total Inorganic Nitrogen (mg/L)			5-day Biochemical Oxygen Demand (mg/L)		
							Velocity (m/s)	Direction	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value
Mid-Ebb	E2	Cloudy	Moderate	12:38	9.2	S	0.35	20	18.4	18.4	18.4	33.7	33.7	8.3	8.3	96.9	97.0	7.4	7.4	2.8	2.8	<0.001	<0.001	2.4	2.3	0.06	0.06	<1.0	<1.0	<1.0	
							0.80	33	18.4	18.4				8.3	8.3	97.0	97.0	7.4	7.4	2.7	2.8	<0.001	<0.001	2.2	2.3	0.06	0.06	<1.0	<1.0	<1.0	
							0.27	308	18.4	18.4				8.3	8.3	97.7	97.5	7.5	7.5	2.7	2.8	<0.001	<0.001	2.6	2.6	0.08	0.07	<1.0	<1.0	<1.0	
						0.27	308	18.4	18.4	8.3		8.3	97.3	97.5	7.5	7.5	2.8	2.8	<0.001	<0.001	2.5	2.6	0.06	0.06	<1.0	<1.0	<1.0				
						0.22	329	18.4	18.4	33.8		33.8	8.3	8.3	104.2	101.7	8.0	7.8	3.1	3.0	<0.001	<0.001	2.8	2.9	0.06	0.06	<1.0	<1.0	<1.0		
						0.09	249	18.4	18.4	33.8		33.8	8.3	8.3	99.1	100.5	7.6	7.4	2.8	3.0	<0.001	<0.001	3.0	2.9	0.06	0.06	<1.0	<1.0	<1.0		
	IM6	Cloudy	Moderate	12:08	17.0	S	0.17	101	19.8	19.8	19.8	34.3	34.3	8.2	8.2	98.6	98.7	7.4	7.4	2.6	2.5	<0.001	<0.001	3.0	2.9	<0.02	<0.02	<1.0	<1.0	<1.0	
							0.15	326	19.8	19.8				8.2	8.2	98.7	98.4	7.4	7.3	3.0	3.1	<0.001	<0.001	2.8	2.9	<0.02	<0.02	<1.0	<1.0	<1.0	
							0.15	326	19.8	19.8				8.2	8.2	98.1	98.4	7.3	7.3	3.1	3.1	<0.001	<0.001	3.4	3.2	<0.02	0.02	<1.0	<1.0	<1.0	
						0.36	241	19.8	19.8	34.3		34.3	8.2	8.2	101.3	100.5	7.6	7.5	2.8	2.7	<0.001	<0.001	3.6	3.7	<0.02	<0.02	<1.0	<1.0	<1.0		
						0.36	241	19.8	19.8	34.3		34.3	8.2	8.2	99.6	99.6	7.4	7.5	2.6	2.7	<0.001	<0.001	3.9	3.7	<0.02	<0.02	<1.0	<1.0	<1.0		
						0.15	326	19.8	19.8	34.2		34.2	8.3	8.3	98.2	98.0	7.3	7.3	2.3	2.4	<0.001	<0.001	4.7	4.6	0.09	0.09	<1.0	<1.0	<1.0		
Mid-Flood	F3	Cloudy	Moderate	7:21	17.7	S	0.54	298	19.8	19.8	19.8	34.2	34.2	8.3	8.3	98.2	98.0	7.3	7.3	2.5	2.4	<0.001	<0.001	4.4	4.6	0.08	0.09	<1.0	<1.0	<1.0	
							0.57	267	19.8	19.8				8.3	8.3	97.9	97.6	7.3	7.3	2.7	2.6	<0.001	<0.001	3.4	3.5	<0.02	<0.02	<1.0	<1.0	<1.0	
							0.15	272	19.8	19.8				8.3	8.3	97.3	97.6	7.3	7.3	2.5	2.6	<0.001	<0.001	3.6	3.5	<0.02	<0.02	<1.0	<1.0	<1.0	
						0.53	301	19.8	19.8	34.2		34.2	8.3	8.3	100.5	99.8	7.5	7.4	2.9	3.3	<0.001	<0.001	3.1	2.9	<0.02	<0.02	<1.0	<1.0	<1.0		
						0.53	301	19.8	19.8	34.3		34.3	8.3	8.3	99.1	99.1	7.4	7.4	2.7	3.3	<0.001	<0.001	3.1	2.9	<0.02	<0.02	<1.0	<1.0	<1.0		
						0.09	162	19.3	19.3	34.1		34.1	8.2	8.2	96.9	97.1	7.3	7.3	2.7	2.8	<0.001	<0.001	2.9	3.0	<0.02	<0.02	<1.0	<1.0	<1.0		
	IM6	Cloudy	Moderate	7:06	16.3	S	0.09	162	19.3	19.3	19.3	34.1	34.1	8.2	8.2	97.2	97.1	7.3	7.3	2.7	2.8	<0.001	<0.001	3.1	3.0	<0.02	<0.02	<1.0	<1.0	<1.0	
							0.15	82	19.3	19.3				8.2	8.2	97.2	97.1	7.3	7.3	3.7	3.6	<0.001	<0.001	3.4	3.5	<0.02	<0.02	<1.0	<1.0	<1.0	
							0.35	235	19.3	19.3				8.2	8.2	97.0	97.0	7.3	7.3	3.4	3.6	<0.001	<0.001	3.6	3.7	<0.02	<0.02	<1.0	<1.0	<1.0	
						0.1	15	19.3	19.3	34.1		34.1	8.2	8.2	99.6	98.8	7.5	7.4	3.5	3.6	<0.001	<0.001	3.7	3.8	<0.02	<0.02	<1.0	<1.0	<1.0		
						0.22	288	19.3	19.3	34.1		34.1	8.2	8.2	97.9	97.9	7.4	7.4	3.6	3.6	<0.001	<0.001	3.9	3.8	<0.02	<0.02	<1.0	<1.0	<1.0		
						0.15	82	19.3	19.3	34.1		34.1	8.2	8.2	97.9	97.9	7.4	7.4	3.6	3.6	<0.001	<0.001	3.9	3.8	<0.02	<0.02	<1.0	<1.0	<1.0		

Remark: * DA: Depth-Averaged
 ** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
 *** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/01/31

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)		Total Inorganic Nitrogen (mg/L)		5-day Biochemical Oxygen Demand (mg/L)				
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	Value
Mid-Ebb	E2	Cloudy	Moderate	15:12	9.0	S	0.68	34	19.6	19.6	19.4	34.2	34.2	8.4	8.4	98.1	98.3	7.3	7.4	3.2	3.2	<0.001	<0.001	4.5	4.7	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.68	34	19.6	34.2		34.2	8.4	8.4	98.4	98.3	7.3	7.4	3.1	3.2	<0.001	<0.001	4.9	4.7	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
							0.21	43	19.5	19.4		34.2	34.2	8.4	8.4	97.5	97.2	7.3	7.3	3.5	3.7	<0.001	<0.001	5.2	5.4	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
						0.10	157	19.3	34.2	34.2		8.4	8.4	96.8	97.2	7.3	7.3	3.9	3.7	<0.001	<0.001	6.7	6.6	0.03	0.03	<1.0	<1.0	<1.0	<1.0		
						0.39	18	19.1	19.1	34.2		34.2	8.4	8.4	96.2	96.3	7.3	7.3	3.8	3.8	<0.001	<0.001	6.4	6.4	0.02	0.02	<1.0	<1.0	<1.0	<1.0	
						0.20	129	19.7	19.7	34.3		34.3	8.4	8.4	99.7	99.6	7.5	7.4	1.8	1.8	<0.001	<0.001	2.8	2.7	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
	IM6	Cloudy	Moderate	14:41	17.0	S	0.52	171	19.3	19.3	19.3	34.3	34.3	8.4	8.4	98.2	98.2	7.4	7.4	7.4	7.4	1.8	1.8	<0.001	<0.001	2.5	2.7	<0.02	<0.02	<1.0	<1.0
							0.26	4	19.7	19.7		34.3	34.3	8.4	8.4	99.5	99.6	7.4	7.4	2.7	2.6	<0.001	<0.001	3.5	3.4	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.06	318	19.3	19.3		34.3	34.3	8.4	8.4	98.1	98.2	7.4	7.4	2.4	2.6	<0.001	<0.001	3.2	3.4	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
						0.12	39	19.1	19.1	34.2		34.2	8.4	8.4	99.6	99.5	7.5	7.5	2.3	2.2	<0.001	<0.001	4.3	4.2	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.12	39	19.1	19.1	34.2		34.2	8.4	8.4	99.3	99.5	7.5	7.5	2.0	2.2	<0.001	<0.001	4.0	4.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.57	299	19.5	19.5	34.5		34.5	8.3	8.3	99.1	98.8	7.4	7.4	1.1	1.2	<0.001	<0.001	2.5	2.7	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
Mid-Flood	F3	Cloudy	Moderate	9:54	18.0	S	0.57	299	19.5	19.5	19.5	34.5	34.5	8.3	8.3	99.4	98.8	7.4	7.4	1.3	1.2	<0.001	<0.001	2.8	2.7	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.7	293	19.5	19.5		34.5	34.5	8.3	8.3	99.1	99.2	7.4	7.4	1.2	1.2	<0.001	<0.001	3.6	3.5	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.7	293	19.5	19.5		34.5	34.5	8.3	8.3	99.2	99.2	7.4	7.4	1.1	1.2	<0.001	<0.001	3.3	3.5	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
						0.29	310	19.5	19.5	34.5		34.5	8.3	8.3	99.4	99.5	7.4	7.4	1.5	1.5	<0.001	<0.001	3.8	4.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.53	321	19.5	19.5	34.5		34.5	8.3	8.3	99.5	99.5	7.4	7.4	1.5	1.5	<0.001	<0.001	4.1	4.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.25	30	19.8	19.7	34.5		34.5	8.3	8.3	98.4	98.2	7.3	7.3	1.7	1.7	<0.001	<0.001	4.2	4.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
	IM6	Cloudy	Moderate	9:38	17	M	0.34	16	19.7	19.7	19.7	34.5	34.5	8.3	8.3	98.8	98.8	7.4	7.4	1.7	1.7	<0.001	<0.001	3.8	5.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.18	56	19.7	19.7		34.5	34.5	8.3	8.3	98.8	98.8	7.4	7.4	2.3	2.4	<0.001	<0.001	4.8	5.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.21	19	19.7	19.7		34.5	34.5	8.3	8.3	98.8	98.8	7.4	7.4	2.4	2.4	<0.001	<0.001	5.1	5.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
						0.39	292	19.7	19.7	34.5		34.5	8.3	8.3	99.5	99.3	7.4	7.4	4.3	4.7	<0.001	<0.001	7.1	7.3	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.39	292	19.7	19.7	34.5		34.5	8.3	8.3	99.1	99.3	7.4	7.4	5.0	4.7	<0.001	<0.001	7.5	7.3	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.39	292	19.7	19.7	34.5		34.5	8.3	8.3	99.1	99.3	7.4	7.4	5.0	4.7	<0.001	<0.001	7.5	7.3	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	

Remark: * DA: Depth-Averaged
 ** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
 *** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/02/08

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)			Total Inorganic Nitrogen (mg/L)			5-day Biochemical Oxygen Demand (mg/L)				
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
Mid-Ebb	E2	Cloudy	Moderate	11:12	9.3	S	0.09	273	19.4	19.3	34.3	34.3	8.2	8.2	94.2	94.2	7.1	7.1	7.1	3.4	3.6	3.3	3.6	<0.001	<0.001	5.2	5.3	5.2	0.12	0.13	<1.0	<1.0	<1.0
							0.09	273	19.3	19.3	34.3	34.3	8.2	8.2	94.1	94.1	7.1	7.1	7.1	3.8	3.6	3.3	3.6	<0.001	<0.001	5.4	5.3	5.2	0.13	0.13	<1.0	<1.0	<1.0
							0.19	104	19.4	19.4	34.3	34.3	8.2	8.2	94.8	94.7	7.1	7.1	7.1	3.1	3.3	3.3	3.3	<0.001	0.002	5.2	4.8	5.1	0.11	0.12	<1.0	<1.0	<1.0
						0.19	104	19.4	19.4	34.3	34.3	8.2	8.2	94.5	94.7	7.1	7.1	7.1	3.4	3.3	3.3	3.3	0.003	<0.001	4.4	4.8	5.1	0.11	0.12	<1.0	<1.0	<1.0	
						0.12	11	19.3	19.3	34.2	34.2	8.2	8.2	98.3	97.3	7.4	7.3	7.3	3.0	3.0	3.0	3.0	<0.001	<0.001	5.1	5.5	5.1	0.11	0.12	<1.0	<1.0	<1.0	
						0.05	332	19.3	19.3	34.3	34.3	8.2	8.2	96.3	97.2	7.2	7.2	7.2	3.0	3.0	3.0	3.0	<0.001	<0.001	5.9	5.9	5.9	0.12	0.12	<1.0	<1.0	<1.0	
	IM6	Cloudy	Moderate	10:40	17.1	S	0.07	287	18.2	18.2	34.2	34.1	8.3	8.3	100.0	100.0	7.7	7.7	7.7	1.3	1.2	1.2	1.2	<0.001	<0.001	2.2	2.5	2.2	<0.02	<0.02	<1.0	<1.0	<1.0
							0.13	232	18.2	18.2	34.1	34.1	8.3	8.3	100.0	100.0	7.7	7.7	7.7	1.1	1.2	1.2	1.2	<0.001	<0.001	2.7	2.5	2.7	<0.02	<0.02	<1.0	<1.0	<1.0
							0.18	133	18.2	18.2	34.2	34.3	8.3	8.3	99.8	99.8	7.7	7.7	7.7	2.8	2.5	2.5	2.5	<0.001	<0.001	4.5	5.5	4.5	<0.02	<0.02	<1.0	<1.0	<1.0
						0.18	133	18.2	18.2	34.2	34.2	8.3	8.3	99.7	99.7	7.7	7.7	7.7	2.2	2.5	2.5	2.5	<0.001	<0.001	6.4	5.5	6.4	<0.02	<0.02	<1.0	<1.0	<1.0	
						0.09	347	18.2	18.2	34.2	34.2	8.3	8.3	99.9	99.9	7.7	7.7	7.7	1.6	1.7	1.7	1.7	<0.001	<0.001	4.2	3.8	4.2	<0.02	<0.02	<1.0	<1.0	<1.0	
						0.01	270	18.2	18.2	34.2	34.2	8.3	8.3	99.8	99.9	7.7	7.7	7.7	1.7	1.7	1.7	1.7	<0.001	<0.001	3.3	3.8	3.3	<0.02	<0.02	<1.0	<1.0	<1.0	
Mid-Flood	F3	Cloudy	Moderate	15:35	18.0	S	0.28	312	18.3	18.3	34.1	34.1	8.4	8.4	107.6	107.6	8.3	8.3	8.3	0.7	0.7	0.7	0.7	<0.001	<0.001	1.6	2.2	1.6	<0.02	<0.02	<1.0	<1.0	<1.0
							0.16	314	18.3	18.3	34.1	34.1	8.4	8.4	107.6	107.6	8.3	8.3	8.3	0.7	0.7	0.7	0.7	<0.001	<0.001	2.7	2.2	2.7	<0.02	<0.02	<1.0	<1.0	<1.0
							0.22	65	18.3	18.3	34.1	34.1	8.4	8.4	107.5	107.5	8.3	8.3	8.3	0.9	0.9	0.9	0.9	<0.001	<0.001	1.6	1.6	1.6	<0.02	<0.02	<1.0	<1.0	<1.0
						0.53	279	18.3	18.3	34.1	34.1	8.4	8.4	107.4	107.5	8.2	8.3	8.3	0.8	0.9	0.9	0.9	<0.001	<0.001	1.6	1.6	1.6	<0.02	<0.02	<1.0	<1.0	<1.0	
						0.65	318	18.3	18.3	34.1	34.1	8.4	8.4	107.8	107.7	8.3	8.3	8.3	1.0	1.2	1.2	1.2	<0.001	<0.001	1.4	1.6	1.4	<0.02	<0.02	<1.0	<1.0	<1.0	
						0.36	327	18.3	18.3	34.1	34.1	8.4	8.4	107.6	107.6	8.3	8.3	8.3	1.3	1.2	1.2	1.2	<0.001	<0.001	1.8	1.6	1.8	<0.02	<0.02	<1.0	<1.0	<1.0	
	IM6	Cloudy	Moderate	15:22	17.3	S	0.26	307	18.1	18.1	34.1	34.1	8.3	8.3	106.5	106.7	8.2	8.2	8.2	1.0	1.0	1.0	1.0	<0.001	0.003	2.8	2.5	2.8	<0.02	<0.02	<1.0	<1.0	<1.0
							0.31	332	18.1	18.1	34.1	34.1	8.4	8.4	106.8	106.7	8.2	8.2	8.2	1.0	1.0	1.0	1.0	0.004	<0.001	2.2	2.5	2.2	<0.02	<0.02	<1.0	<1.0	<1.0
							0.16	313	18.1	18.1	34.1	34.1	8.3	8.3	106.1	106.2	8.2	8.2	8.2	1.2	1.3	1.3	1.3	<0.001	<0.001	2.4	2.5	2.4	<0.02	<0.02	<1.0	<1.0	<1.0
						0.16	313	18.2	18.1	34.1	34.1	8.3	8.3	106.3	106.3	8.2	8.2	8.2	1.4	1.4	1.4	1.4	<0.001	<0.001	2.6	2.5	2.6	<0.02	<0.02	<1.0	<1.0	<1.0	
						0.08	24	18.2	18.2	34.0	34.1	8.2	8.3	105.9	105.8	8.1	8.1	8.1	1.3	1.3	1.3	1.3	<0.001	<0.001	2.5	3.1	2.5	<0.02	<0.02	<1.0	<1.0	<1.0	
						0.08	24	18.2	18.2	34.1	34.1	8.3	8.3	105.7	105.8	8.1	8.1	8.1	1.3	1.3	1.3	1.3	<0.001	<0.001	3.6	3.1	3.6	<0.02	<0.02	<1.0	<1.0	<1.0	

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/02/15

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)		Total Inorganic Nitrogen (mg/L)		5-day Biochemical Oxygen Demand (mg/L)			
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average
Mid-Ebb	E2	Fine	Calm	16:11	9.0	S	0.12	63	19.5	19.7	34.0	33.9	8.3	8.3	108.8	109.2	8.2	8.2	1.7	1.7	<0.001	<0.001	3.3	3.2	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							0.19	142	20.0	19.3	33.9	33.9	8.3	8.3	109.6	106.7	8.2	8.1	1.7	1.7	<0.001	<0.001	3.0	3.2	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							0.22	123	19.2	19.2	33.9	33.9	8.3	8.3	106.1	106.7	8.0	8.1	1.7	1.7	<0.001	<0.001	2.8	2.7	0.12	0.11	<1.0	<1.0	<1.0	<1.0
							0.17	351	19.2	19.2	33.9	33.9	8.3	8.3	107.3	106.7	8.1	8.1	1.7	1.7	<0.001	<0.001	2.6	2.7	0.10	0.11	<1.0	<1.0	<1.0	<1.0
							0.17	53	19.1	19.1	33.9	33.9	8.2	8.2	102.6	103.4	7.8	7.8	1.9	2.0	<0.001	<0.001	2.4	2.3	0.12	0.13	<1.0	<1.0	<1.0	<1.0
							0.17	53	19.1	19.1	33.9	33.9	8.2	8.2	104.1	113.5	7.9	8.4	2.1	0.8	<0.001	<0.001	2.2	0.8	0.13	0.04	<1.0	<1.0	<1.0	<1.0
	IM6	Fine	Calm	15:41	17.0	S	0.12	121	20.2	20.3	33.9	33.9	8.3	8.3	113.8	113.5	8.4	8.4	0.8	0.8	<0.001	<0.001	3.8	3.6	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.14	162	20.3	20.3	33.9	33.9	8.3	8.3	113.8	113.5	8.4	8.4	0.8	0.8	<0.001	<0.001	3.4	3.6	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.18	38	19.5	19.5	34.2	34.2	8.3	8.3	108.0	108.6	8.1	8.1	0.7	0.8	<0.001	0.002	3.1	3.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.27	1	19.5	19.4	34.2	34.2	8.3	8.3	109.1	108.6	8.2	8.2	0.8	0.8	0.002	<0.001	2.9	3.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.22	359	19.4	19.4	34.2	34.2	8.2	8.2	105.9	105.5	8.0	7.9	1.4	1.4	<0.001	<0.001	2.7	2.6	0.02	0.02	<1.0	<1.0	<1.0	<1.0
							0.22	359	19.4	19.4	34.2	34.2	8.2	8.2	105.1	105.5	7.9	7.9	1.3	1.4	<0.001	<0.001	2.5	2.6	0.02	0.02	<1.0	<1.0	<1.0	<1.0
Mid-Flood	F3	Cloudy	Calm	9:41	18.0	S	0.29	193	19.3	19.3	34.0	34.0	8.3	6.3	104.5	105.0	7.9	7.9	1.0	1.3	<0.001	<0.001	1.4	1.3	0.05	0.05	<1.0	<1.0	<1.0	<1.0
							0.17	284	19.3	19.3	34.0	34.0	8.3	6.3	105.4	105.0	7.9	7.9	1.1	1.3	<0.001	<0.001	1.2	1.3	0.05	0.05	<1.0	<1.0	<1.0	<1.0
							0.36	277	19.4	19.4	34.1	34.1	8.3	8.3	102.7	102.9	7.7	7.7	0.9	0.8	<0.001	<0.001	1.9	1.8	0.03	0.03	<1.0	<1.0	<1.0	<1.0
							0.36	277	19.4	19.4	34.1	34.1	8.3	8.3	103.0	102.9	7.8	7.7	0.7	0.8	<0.001	<0.001	1.6	1.8	0.03	0.03	<1.0	<1.0	<1.0	<1.0
							0.18	62	19.3	19.3	34.1	34.1	8.3	8.3	102.1	102.1	7.7	7.7	1.4	1.4	<0.001	<0.001	2.3	2.5	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.18	62	19.3	19.3	34.1	34.1	8.3	8.3	102.1	102.1	7.7	7.7	1.4	1.4	<0.001	<0.001	2.7	2.5	0.04	0.04	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Calm	9:22	17.0	S	0.23	328	19.3	19.3	34.0	34.0	8.2	8.2	104.4	104.3	7.9	7.9	1.2	1.3	<0.001	0.004	3.1	2.9	0.04	0.05	<1.0	<1.0	<1.0	<1.0
							0.05	355	19.3	19.3	34.0	34.0	8.2	8.2	104.2	104.3	7.9	7.9	1.3	1.3	0.007	<0.001	2.7	2.9	0.05	0.05	<1.0	<1.0	<1.0	<1.0
							0.13	313	19.3	19.3	34.0	34.0	8.2	8.2	104.1	104.2	7.8	7.9	1.3	1.4	<0.001	<0.001	2.2	2.4	0.05	0.05	<1.0	<1.0	<1.0	<1.0
							0.3	355	19.3	19.3	34.0	34.0	8.2	8.2	104.3	104.3	7.9	7.9	1.4	1.4	<0.001	<0.001	2.5	2.4	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.33	312	19.4	19.4	34.0	34.0	8.2	8.2	104.8	104.8	7.9	7.9	1.8	2.1	<0.001	0.004	1.8	1.7	0.05	0.06	<1.0	<1.0	<1.0	<1.0
							0.16	271	19.4	19.4	34.1	34.1	8.2	8.2	104.7	104.7	7.9	7.9	2.3	2.3	0.006	0.004	1.6	1.7	0.06	0.06	<1.0	<1.0	<1.0	<1.0

Remark: * DA: Depth-Averaged
 ** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
 *** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/02/23

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)			Total Inorganic Nitrogen (mg/L)			5-day Biochemical Oxygen Demand (mg/L)									
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*						
Mid-Ebb	E2	Cloudy	Rough	12:02	9.0	S	0.30	335	20.9	20.9	33.2	33.2	8.2	8.2	100.0	100.1	7.4	7.4	1.0	1.0	<0.001	<0.001	1.3	1.4	0.19	0.19	1.1	1.1	1.0									
							0.19	4	20.9	20.8	33.2	33.1	8.2	8.2	100.1	99.7	7.4	7.3	1.4	1.4	<0.001	<0.001	<0.001	<0.001	1.4	1.4	1.6	1.7	0.20	0.20	0.20	<1.0	<1.0	<1.0				
							0.22	317	20.9	20.8	33.1	33.1	8.2	8.2	99.7	99.7	7.3	7.3	1.4	1.4	<0.001	<0.001	<0.001	<0.001	1.8	1.7	1.8	2.0	0.20	0.20	0.20	<1.0	<1.0	<1.0				
							0.26	288	20.8	20.8	33.1	33.1	8.2	8.2	100.7	100.3	7.4	7.4	1.5	1.5	<0.001	<0.001	<0.001	<0.001	2.5	2.4	2.5	2.4	0.20	0.20	0.20	<1.0	<1.0	<1.0				
							0.20	323	20.8	20.8	33.1	33.1	8.2	8.2	99.8	99.6	7.4	7.4	1.4	1.4	<0.001	<0.001	<0.001	<0.001	2.3	2.3	2.3	2.3	0.19	0.19	0.19	<1.0	<1.0	<1.0				
							0.05	165	20.5	20.5	33.2	33.3	8.2	8.2	99.7	99.6	7.4	7.4	1.2	1.2	<0.001	<0.001	<0.001	<0.001	2.9	2.8	2.9	2.8	0.28	0.27	0.28	4.4	4.0	4.0				
	IM6	Cloudy	Rough	11:25	17.0	S	0.10	19	20.5	20.5	33.3	33.3	8.2	8.2	99.5	99.5	7.4	7.4	7.4	7.4	1.2	1.2	<0.001	0.002	2.7	2.8	2.5	2.5	0.25	0.18	0.21	0.21	1.6	1.6	2.2			
							0.06	274	20.5	20.5	33.3	33.3	8.2	8.2	99.4	99.4	7.4	7.4	0.8	0.8	0.8	0.8	<0.001	0.004	0.002	2.6	2.5	2.6	2.5	0.17	0.17	0.18	1.4	1.4	1.2			
							0.11	312	20.5	20.5	33.3	33.3	8.2	8.2	99.8	99.7	7.4	7.4	1.3	1.3	<0.001	<0.001	<0.001	<0.001	2.1	2.2	2.1	2.2	0.18	0.18	0.18	1.2	1.2	1.2				
							0.11	312	20.5	20.5	33.3	33.3	8.2	8.2	99.6	99.6	7.4	7.4	1.4	1.4	<0.001	<0.001	<0.001	<0.001	2.2	2.2	2.2	2.2	0.17	0.17	0.17	1.1	1.1	1.1				
							0.57	289	20.7	20.7	33.5	33.5	8.2	8.2	103.6	103.3	7.6	7.6	0.1	0.1	<0.001	<0.001	<0.001	<0.001	<1.0	<1.0	<1.0	<1.0	0.23	0.25	0.23	<1.0	<1.0	<1.0				
							0.34	260	20.7	20.7	33.5	33.5	8.2	8.2	102.9	102.9	7.6	7.6	0.1	0.1	<0.001	<0.001	<0.001	<0.001	<1.0	<1.0	<1.0	<1.0	0.26	0.25	0.26	<1.0	<1.0	<1.0				
Mid-Flood	F3	Cloudy	Rough	6:20	17.0	M	0.41	235	20.7	20.7	33.7	33.7	8.3	8.2	104.2	104.2	7.7	7.7	7.6	7.6	0.1	0.1	<0.001	<0.001	1.5	1.4	1.4	1.4	0.16	0.16	0.14	0.14	<1.0	<1.0	<1.0			
							0.41	235	20.7	20.7	33.6	33.7	8.2	8.2	104.1	104.2	7.7	7.7	0.1	0.1	<0.001	<0.001	<0.001	<0.001	1.3	1.4	1.3	1.4	0.16	0.16	0.16	0.16	<1.0	<1.0	<1.0			
							0.25	310	20.3	20.3	34.1	34.1	8.3	8.3	103.9	104.0	7.7	7.7	1.0	1.0	<0.001	0.002	<0.001	0.002	1.9	1.8	1.9	1.8	0.02	0.02	0.02	0.02	<1.0	<1.0	<1.0			
							0.32	307	20.7	20.7	33.2	33.2	8.2	8.2	104.3	104.3	7.7	7.7	0.0	0.0	<0.001	0.003	<0.001	0.003	1.3	1.4	1.3	1.4	0.19	0.19	0.19	<1.0	<1.0	<1.0				
							0.37	235	20.7	20.7	33.2	33.2	8.2	8.2	104.3	104.3	7.7	7.7	0.0	0.0	<0.001	0.003	<0.001	0.003	1.5	1.4	1.5	1.4	0.18	0.18	0.18	<1.0	<1.0	<1.0				
							0.28	229	20.6	20.6	33.6	33.6	8.3	8.3	105.0	105.0	7.7	7.7	1.0	1.0	<0.001	<0.001	<0.001	<0.001	2.3	2.5	2.3	2.5	0.13	0.13	0.13	0.13	<1.0	<1.0	<1.0			
	IM6	Cloudy	Rough	6:02	16.0	M	0.11	270	20.6	20.6	33.6	33.6	8.3	8.3	104.9	104.9	7.7	7.7	7.7	7.7	0.9	0.9	<0.001	<0.001	2.6	2.6	2.6	2.6	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0			
							0.17	348	20.5	20.5	33.8	33.8	8.3	8.3	104.9	104.9	7.7	7.7	2.9	2.9	<0.001	<0.001	<0.001	<0.001	3.6	3.6	3.6	3.6	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0			
							0.08	6	20.5	20.5	33.8	33.8	8.3	8.3	104.8	104.8	7.7	7.7	2.8	2.8	0.007	0.004	0.007	0.004	3.9	3.8	3.9	3.8	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0			
							0.08	6	20.5	20.5	33.8	33.8	8.3	8.3	104.8	104.8	7.7	7.7	2.8	2.8	0.007	0.004	0.007	0.004	3.9	3.8	3.9	3.8	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0			
							0.08	6	20.5	20.5	33.8	33.8	8.3	8.3	104.8	104.8	7.7	7.7	2.8	2.8	0.007	0.004	0.007	0.004	3.9	3.8	3.9	3.8	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0			
							0.08	6	20.5	20.5	33.8	33.8	8.3	8.3	104.8	104.8	7.7	7.7	2.8	2.8	0.007	0.004	0.007	0.004	3.9	3.8	3.9	3.8	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0			

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/02/28

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)			Suspended Solids (mg/L)			Total Inorganic Nitrogen (mg/L)			5-day Biochemical Oxygen Demand (mg/L)				
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
Mid-Ebb	E2	Cloudy	Rough	14:07	9.0	S	0.10	282	19.9	19.9	33.9	33.9	8.2	8.2	101.8	101.9	7.6	7.6	2.4	2.4	<0.001	<0.001	<0.001	1.8	2.3	0.08	0.08	1.1	1.1					
							0.14	107	19.9	19.9	33.9	33.9	8.2	8.2	102.0	101.9	7.6	7.6	2.4	2.4	<0.001	<0.001	<0.001	2.7	2.3	0.08	0.08	1.0	1.1					
							0.30	95	19.9	19.9	33.9	33.9	8.2	8.2	101.4	101.5	7.6	7.6	2.8	2.8	<0.001	<0.001	<0.001	1.9	2.0	0.08	0.08	<1.0	<1.0					
						M	0.30	95	19.9	19.9	33.9	33.9	8.2	8.2	101.6	101.5	7.6	7.6	2.8	2.8	<0.001	<0.001	<0.001	2.0	2.0	0.08	0.08	<1.0	<1.0					
							0.17	5	19.9	19.9	33.9	33.9	8.2	8.2	101.8	101.7	7.6	7.6	5.0	4.9	<0.001	<0.001	<0.001	2.1	2.5	0.08	0.09	<1.0	<1.0					
							0.18	28	19.9	19.9	33.9	33.9	8.2	8.2	101.5	101.7	7.6	7.6	4.8	4.8	<0.001	<0.001	<0.001	2.8	2.5	0.08	0.09	<1.0	<1.0					
	IM6	Cloudy	Rough	13:34	17.0	S	0.21	84	20.3	20.3	34.2	34.2	8.2	8.2	100.4	100.5	7.4	7.4	1.3	1.3	<0.001	<0.001	<0.001	1.4	1.3	0.03	0.03	<1.0	<1.0					
							0.18	190	20.4	20.4	34.2	34.2	8.2	8.2	100.4	100.4	7.4	7.4	1.3	1.3	<0.001	<0.001	<0.001	1.2	1.9	0.03	0.04	<1.0	<1.0					
							0.07	196	20.4	20.4	34.2	34.2	8.2	8.2	100.4	100.4	7.4	7.4	1.2	1.3	<0.001	<0.001	<0.001	2.0	1.9	0.04	0.04	<1.0	<1.0					
						M	0.28	48	20.4	20.2	34.3	34.3	8.2	8.2	101.1	100.9	7.5	7.4	1.3	1.3	<0.001	0.006	<0.001	<1.0	<1.0	0.04	0.04	<1.0	<1.0					
							0.04	269	20.4	20.2	34.3	34.3	8.2	8.2	100.6	100.9	7.4	7.4	1.3	1.3	0.011	0.006	<0.001	<1.0	<1.0	0.04	0.04	<1.0	<1.0					
							0.12	307	20.7	20.6	34.4	34.4	8.3	8.3	100.5	100.5	7.4	7.4	1.6	1.6	<0.001	0.001	<0.001	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0					
Mid-Flood	F3	Cloudy	Rough	8:04	18.0	S	0.19	251	20.6	20.6	34.4	34.4	8.3	8.3	100.5	100.5	7.4	7.4	1.5	1.5	<0.001	<0.001	<0.001	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0					
							0.49	283	20.6	20.6	34.4	34.4	8.3	8.3	100.3	100.3	7.4	7.4	1.2	1.3	<0.001	<0.001	<0.001	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0					
							0.4	275	20.7	20.6	34.4	34.4	8.3	8.3	100.3	100.3	7.4	7.4	1.3	1.3	<0.001	<0.001	<0.001	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0					
						M	0.54	309	20.6	20.6	34.4	34.4	8.3	8.3	101.5	101.3	7.5	7.4	2.6	2.5	<0.001	<0.001	<0.001	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0					
							0.41	301	20.6	20.6	34.4	34.4	8.3	8.3	101.0	101.3	7.4	7.4	2.4	2.4	<0.001	<0.001	<0.001	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0					
							0.31	254	20.6	20.6	34.4	34.4	8.2	8.2	100.4	100.4	7.4	7.4	2.0	1.9	<0.001	<0.001	<0.001	1.1	1.3	<0.02	<0.02	<1.0	<1.0					
	IM6	Cloudy	Rough	7:36	17.0	S	0.22	19	20.6	20.6	34.4	34.4	8.2	8.2	100.4	100.4	7.4	7.4	1.8	1.7	<0.001	<0.001	<0.001	1.5	1.6	<0.02	<0.02	<1.0	<1.0					
							0.22	19	20.6	20.6	34.4	34.4	8.2	8.2	100.7	100.6	7.4	7.4	1.7	1.7	<0.001	<0.001	<0.001	2.0	1.6	<0.02	0.03	<1.0	<1.0					
							0.2	335	20.6	20.6	34.4	34.4	8.2	8.2	100.5	100.6	7.4	7.4	1.7	1.7	<0.001	<0.001	<0.001	1.1	1.6	0.03	0.03	<1.0	<1.0					
						M	0.11	352	20.6	20.6	34.4	34.4	8.2	8.2	101.5	101.2	7.4	7.4	2.5	2.4	<0.001	<0.001	<0.001	3.6	3.0	<0.02	<0.02	<1.0	<1.0					
							0.11	352	20.6	20.6	34.4	34.4	8.2	8.2	100.9	101.2	7.4	7.4	2.3	2.4	<0.001	<0.001	<0.001	2.4	3.0	<0.02	<0.02	<1.0	<1.0					
							0.11	352	20.6	20.6	34.4	34.4	8.2	8.2	100.9	101.2	7.4	7.4	2.3	2.4	<0.001	<0.001	<0.001	2.4	3.0	<0.02	<0.02	<1.0	<1.0					

Remark: * DA: Depth-Averaged
 ** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher
 *** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/03/07

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)		Total Inorganic Nitrogen (mg/L)		5-day Biochemical Oxygen Demand (mg/L)			
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*
Mid-Ebb	E2	Cloudy	Moderate	9:48	9.0	S	0.25	288	20.1	20.1	20.1	34.2	34.2	8.3	8.3	102.6	102.6	7.6	7.6	1.7	1.7	<0.001	<0.001	1.2	1.3	0.08	0.08	<1.0	<1.0	
							0.05	258	20.1	34.2		34.2	8.3	8.3	102.6	102.6	7.6	7.6	1.7	1.7	<0.001	<0.001	1.3	1.3	0.08	0.08	<1.0	<1.0		
							0.37	324	20.1	34.2		34.2	8.3	8.3	102.7	102.7	7.6	7.6	2.4	2.3	<0.001	<0.001	1.8	1.7	0.08	0.08	<1.0	<1.0		
						M	0.13	160	20.1	34.2		34.2	8.3	8.3	102.7	102.7	7.6	7.6	2.2	2.3	<0.001	<0.001	1.6	1.7	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.18	205	20.1	34.2		34.2	8.3	8.3	103.1	103.0	7.7	7.6	3.0	3.0	<0.001	<0.001	2.5	2.6	0.01	0.05	<1.0	<1.0	<1.0	<1.0
							0.25	245	20.1	34.2		34.2	8.3	8.3	102.9	101.1	7.6	7.4	2.9	2.9	<0.001	<0.001	2.6	2.6	0.05	0.05	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Moderate	9:16	17.0	S	0.22	249	20.6	20.6	20.6	34.4	34.4	8.3	8.3	101.1	101.1	7.4	7.4	1.4	1.4	<0.001	<0.001	<1.0	<1.0	0.05	0.06	<1.0	<1.0	
							0.25	245	20.6	34.4		34.4	8.3	8.3	101.0	101.1	7.4	7.4	1.3	1.4	<0.001	<0.001	<1.0	<1.0	0.07	0.06	<1.0	<1.0		
							0.30	269	20.6	34.4		34.4	8.3	8.3	101.1	101.1	7.4	7.4	1.8	1.8	<0.001	<0.001	1.6	1.7	0.06	0.06	<1.0	<1.0	<1.0	<1.0
						M	0.30	269	20.6	34.4		34.4	8.3	8.3	101.1	101.1	7.4	7.4	1.7	1.7	<0.001	<0.001	1.7	1.7	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.21	355	20.6	34.4		34.4	8.3	8.3	102.1	101.8	7.5	7.5	3.0	2.9	<0.001	<0.001	2.6	2.5	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.26	284	20.6	34.4		34.4	8.3	8.3	101.4	101.4	7.4	7.4	2.8	2.8	<0.001	<0.001	2.4	2.5	0.06	0.06	<1.0	<1.0	<1.0	<1.0
Mid-Flood	F3	Cloudy	Moderate	14:24	17.0	S	0.31	237	20.6	20.6	20.6	34.4	34.4	8.3	8.3	103.5	103.8	7.6	7.6	1.3	1.3	<0.001	<0.001	<1.0	<1.0	0.07	0.07	<1.0	<1.0	
							0.17	328	20.6	34.4		34.4	8.3	8.3	104.0	104.0	7.6	7.5	1.2	1.3	<0.001	<0.001	<1.0	<1.0	0.07	0.07	<1.0	<1.0		
							0.28	242	20.6	34.4		34.4	8.3	8.3	102.4	102.7	7.5	7.5	1.3	1.3	<0.001	<0.001	1.2	1.3	0.06	0.07	<1.0	<1.0	<1.0	<1.0
						M	0.04	41	20.6	34.4		34.4	8.3	8.3	102.9	102.7	7.6	7.5	1.2	1.3	<0.001	<0.001	1.5	1.4	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.26	309	20.6	34.4		34.4	8.3	8.3	102.6	102.3	7.5	7.5	10.0	9.7	<0.001	<0.001	12.8	12.6	0.06	0.07	<1.0	<1.0	<1.0	<1.0
							0.21	306	20.6	34.4		34.4	8.3	8.3	102.0	102.8	7.5	7.5	9.4	9.7	<0.001	<0.001	12.3	12.6	0.07	0.07	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Moderate	14:10	16.0	S	0.27	314	20.7	20.7	20.7	34.4	34.4	8.3	8.3	102.6	102.8	7.5	7.5	2.1	2.0	<0.001	<0.001	1.9	1.9	0.06	0.06	<1.0	<1.0	
							0.24	244	20.8	34.4		34.4	8.3	8.3	103.0	103.0	7.5	7.5	1.9	1.9	<0.001	<0.001	1.8	1.9	0.06	0.06	<1.0	<1.0		
							0.06	241	20.7	34.4		34.4	8.3	8.3	101.7	101.7	7.5	7.5	3.1	3.0	<0.001	<0.001	1.8	1.7	0.07	0.07	<1.0	<1.0	<1.0	<1.0
						M	0.22	318	20.7	34.4		34.4	8.3	8.3	101.7	101.7	7.5	7.5	2.9	2.9	<0.001	<0.001	1.6	1.6	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.09	228	20.6	34.4		34.4	8.2	8.2	102.1	101.8	7.5	7.5	2.5	2.5	<0.001	<0.001	1.6	1.6	0.06	0.07	<1.0	<1.0	<1.0	<1.0
							0.09	228	20.6	34.4		34.4	8.2	8.2	101.5	101.5	7.5	7.5	2.4	2.4	<0.001	<0.001	1.6	1.6	0.07	0.07	<1.0	<1.0	<1.0	<1.0

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/03/14

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)		Total Inorganic Nitrogen (mg/L)		5-day Biochemical Oxygen Demand (mg/L)			
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value
Mid-Ebb	E2	Cloudy	Rough	14:47	9.0	S	0.27	45	19.8	19.8	34.0	34.0	8.2	8.2	104.2	104.4	7.8	7.8	2.1	2.1	<0.001	<0.001	1.7	1.8	0.13	0.14	<1.0	<1.0		
							0.30	66	19.8	19.7	34.0	34.1	8.2	8.2	104.5	102.5	7.7	7.7	2.1	2.1	<0.001	<0.001	1.9	1.8	0.14	0.13	<1.0	<1.0		
							0.19	319	19.7	19.7	34.1	34.1	8.2	8.2	102.3	102.5	7.7	7.7	2.3	2.3	<0.001	<0.001	2.6	2.4	0.13	0.13	<1.0	<1.0		
						M	0.14	65	19.7	19.5	34.1	34.1	8.2	8.2	102.6	101.0	7.6	7.6	2.2	2.3	<0.001	<0.001	2.2	2.4	0.13	0.13	<1.0	<1.0		
							0.39	82	19.5	19.5	34.1	34.1	8.2	8.2	101.1	101.0	7.6	7.6	3.6	3.7	<0.001	<0.001	3.0	3.2	0.11	0.12	<1.0	<1.0		
							0.26	60	19.5	19.5	34.1	34.1	8.2	8.2	100.9	99.9	7.6	7.6	3.7	3.7	<0.001	<0.001	3.0	3.0	0.12	0.12	<1.0	<1.0		
	IM6	Cloudy	Rough	14:12	17.0	S	0.18	101	19.5	19.5	34.1	34.1	8.2	8.2	99.8	99.9	7.5	7.5	2.2	2.2	<0.001	<0.001	2.4	2.5	0.07	0.07	2.2	2.2		
							0.27	343	19.6	19.5	34.1	34.1	8.2	8.2	100.0	99.5	7.5	7.5	2.2	2.2	<0.001	<0.001	2.5	2.5	0.07	0.07	2.8	2.5		
							0.29	114	19.5	19.5	34.2	34.2	8.2	8.2	99.5	99.5	7.5	7.5	2.7	2.9	<0.001	<0.001	2.2	2.2	0.04	0.04	<1.0	<1.0		
						M	0.31	109	19.5	19.7	34.2	34.2	8.2	8.2	99.4	99.4	7.5	7.5	3.0	3.0	<0.001	<0.001	2.1	2.2	0.04	0.04	<1.0	<1.0		
							0.17	157	19.7	19.7	34.3	34.3	8.2	8.2	100.1	100.0	7.5	7.5	2.3	2.5	<0.001	<0.001	1.9	1.9	0.04	0.04	<1.0	<1.0		
							0.11	270	19.6	19.7	34.3	34.3	8.2	8.2	99.9	99.9	7.5	7.5	2.6	2.6	<0.001	<0.001	1.8	1.8	0.04	0.04	<1.0	<1.0		
Mid-Flood	F3	Cloudy	Rough	8:10	18.0	S	0.81	268	19.4	19.4	34.2	34.2	8.3	8.3	99.5	99.6	7.5	7.5	2.3	2.4	<0.001	<0.001	1.9	1.8	0.11	0.11	1.7	1.9		
							0.81	268	19.4	19.4	34.2	34.2	8.3	8.3	99.7	99.7	7.5	7.5	2.4	2.4	<0.001	<0.001	1.7	1.7	0.11	0.11	2.1	1.9		
							0.47	311	19.4	19.4	34.2	34.2	8.3	8.3	99.9	99.7	7.5	7.5	3.0	3.1	<0.001	<0.001	2.1	2.2	0.11	0.12	<1.0	<1.0		
						M	0.48	272	19.4	19.4	34.2	34.2	8.3	8.3	99.4	99.7	7.5	7.5	3.1	3.1	<0.001	<0.001	2.3	2.2	0.12	0.12	<1.0	<1.0		
							0.40	286	19.4	19.4	34.2	34.2	8.3	8.3	100.7	100.4	7.6	7.5	4.0	4.6	<0.001	<0.001	2.6	2.8	0.11	0.11	1.6	1.4		
							0.36	290	19.4	19.4	34.2	34.2	8.3	8.3	100.0	99.7	7.5	7.5	5.2	5.2	<0.001	<0.001	2.9	2.8	0.11	0.11	1.1	1.1		
	IM6	Cloudy	Rough	7:50	16.8	S	0.27	283	19.4	19.4	34.3	34.3	8.3	8.3	99.7	99.7	7.5	7.5	3.4	3.4	<0.001	<0.001	3.1	3.2	0.08	0.09	1.1	1.2		
							0.27	283	19.4	19.4	34.3	34.3	8.3	8.3	99.7	99.7	7.5	7.5	3.3	3.3	<0.001	<0.001	3.3	3.2	0.09	0.09	1.3	1.3		
							0.03	288	19.4	19.4	34.3	34.3	8.3	8.3	100.1	100.0	7.5	7.5	3.8	3.9	<0.001	<0.001	3.6	3.5	0.08	0.08	<1.0	<1.0		
						M	0.33	108	19.4	19.4	34.3	34.3	8.3	8.3	99.8	99.8	7.5	7.5	3.9	3.9	<0.001	<0.001	3.4	3.4	0.09	0.09	<1.0	<1.0		
							0.28	10	19.4	19.4	34.3	34.3	8.3	8.3	101.4	101.0	7.6	7.6	4.5	4.7	<0.001	<0.001	4.4	4.4	0.08	0.08	2.8	2.9		
							0.27	298	19.4	19.4	34.3	34.3	8.3	8.3	100.6	100.6	7.6	7.6	4.8	4.8	0.007	0.004	4.0	4.2	0.08	0.08	2.9	2.9		

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/03/21

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)			Total Inorganic Nitrogen (mg/L)			5-day Biochemical Oxygen Demand (mg/L)						
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	DA*	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
Mid-Ebb	E2	Fine	Calm	10:47	9.0	S	0.07	305	20.4	20.4	20.4	33.7	33.7	8.2	8.2	115.1	115.1	8.5	8.5	1.0	1.1	<0.001	<0.001	2.4	2.3	0.16	0.16	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.18	176	20.4	20.4		33.7	33.7	8.2	8.2	115.0	115.0	8.4	8.5	1.1	1.1	<0.001	<0.001	2.1	2.3	0.16	0.16	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.31	16	20.4	20.4		33.8	33.8	8.2	8.2	114.0	114.3	8.4	8.5	1.0	1.0	<0.001	<0.001	2.8	2.7	0.14	0.14	0.14	0.14	0.14	0.14	1.0	1.0	1.0	1.0
						0.31	16	20.4	20.4	33.8		33.8	8.2	8.2	114.6	114.3	8.5	8.5	1.0	1.0	<0.001	<0.001	2.6	2.7	0.14	0.14	0.14	0.14	0.14	0.14	<1.0	<1.0	<1.0	<1.0	1.0
						0.16	100	20.4	20.4	33.8		33.8	8.3	8.2	109.8	111.0	8.1	8.2	1.3	1.2	<0.001	<0.001	3.0	3.2	0.14	0.14	0.14	0.14	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.07	352	20.4	20.4	33.8		33.8	8.2	8.2	112.2	111.0	8.3	8.2	1.1	1.1	<0.001	<0.001	3.3	3.2	0.13	0.13	0.13	0.13	<1.0	<1.0	<1.0	<1.0	<1.0		
	IM6	Fine	Calm	10:13	17.0	S	0.30	271	20.7	20.7	20.7	34.2	34.3	8.2	8.2	102.9	102.8	7.6	7.5	3.7	3.5	<0.001	<0.001	3.6	3.4	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.13	293	20.7	20.7		34.3	34.4	8.2	8.2	102.6	102.7	7.5	7.5	3.2	3.5	<0.001	<0.001	3.2	3.4	0.07	0.08	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.21	221	20.7	20.7		34.3	34.4	8.2	8.2	102.7	102.7	7.5	7.5	3.4	3.5	<0.001	<0.001	4.2	4.0	0.08	0.08	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0	<1.0
						0.05	330	20.7	20.7	34.3		34.4	8.2	8.2	102.7	102.7	7.5	7.5	3.6	3.5	<0.001	<0.001	3.8	3.8	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.08	268	20.7	20.7	34.2		34.2	8.2	8.2	103.6	103.6	7.6	7.6	4.0	3.9	<0.001	<0.001	4.7	4.6	0.09	0.09	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.16	233	20.7	20.7	34.2		34.2	8.2	8.2	103.5	103.6	7.6	7.6	3.8	3.9	<0.001	<0.001	4.4	4.4	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0		
Mid-Flood	F3	Fine	Calm	15:19	18.2	S	0.02	254	21.0	21.0	20.9	34.4	34.4	8.2	8.2	103.0	103.1	7.5	7.5	2.1	2.3	<0.001	<0.001	3.9	3.7	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.36	275	21.0	21.0		34.4	34.4	8.2	8.2	103.1	103.1	7.5	7.5	2.4	2.3	<0.001	<0.001	3.4	3.7	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.21	259	21.0	21.0		34.4	34.4	8.2	8.2	102.2	102.4	7.5	7.5	1.9	1.9	<0.001	<0.001	3.0	3.2	0.06	0.07	<1.0	<1.0	<1.0	<1.0	<1.0			
						0.28	254	21.0	21.0	34.4		34.4	8.2	8.2	102.5	102.4	7.5	7.5	1.9	1.9	<0.001	<0.001	3.3	3.2	0.07	0.07	<1.0	<1.0	<1.0	<1.0	<1.0				
						0.08	293	20.8	20.8	34.4		34.4	8.2	8.2	101.6	101.5	7.4	7.4	3.0	3.1	<0.001	<0.001	2.8	2.8	0.06	0.06	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.24	287	20.8	20.8	34.4		34.4	8.2	8.2	101.4	101.5	7.4	7.4	3.1	3.1	<0.001	<0.001	2.6	2.8	0.06	0.06	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0		
	IM6	Fine	Calm	15:04	17.0	S	0.51	266	20.8	20.8	20.8	34.1	34.1	8.2	8.2	105.6	106.0	7.7	7.8	1.6	1.6	<0.001	0.003	2.3	2.5	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.51	266	20.8	20.8		34.1	34.1	8.2	8.2	106.4	106.0	7.8	7.8	1.6	1.6	<0.001	0.003	2.6	2.5	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.34	240	20.8	20.8		34.2	34.2	8.2	8.2	102.9	103.2	7.5	7.6	2.2	2.3	<0.001	0.001	3.0	2.9	0.09	0.09	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.27	288	20.8	20.8	34.2		34.2	8.2	8.2	103.4	103.4	7.6	7.6	2.3	2.3	0.001	0.001	2.8	2.8	0.09	0.09	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.29	29	20.7	20.7	34.3		34.3	8.2	8.2	103.6	103.4	7.6	7.6	2.6	2.7	<0.001	<0.001	3.2	3.2	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.29	29	20.7	20.7	34.3		34.3	8.2	8.2	103.1	103.4	7.6	7.6	2.7	2.7	<0.001	<0.001	3.6	3.4	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0		

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2024/03/28

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Total Residual Chlorine (mg/L)		Suspended Solids (mg/L)		Total Inorganic Nitrogen (mg/L)		5-day Biochemical Oxygen Demand (mg/L)			
							Velocity (m/s)	Direction	Value	Average	DA	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
Mid-Ebb	E2	Cloudy	Calm	13:37	9.1	S	0.16	136	23.1	23.1	22.8	33.2	33.2	8.4	8.4	135.8	135.5	9.6	9.6	0.1	0.1	<0.001	<0.001	1.8	1.7	0.12	0.12	1.0	1.1	
							0.24	129	23.1	33.2		33.3	8.4	9.4	135.0	135.2	9.6	9.6	0.3	0.3	<0.001	<0.001	<0.001	<0.001	2.2	2.3	0.11	0.10	<1.0	<1.0
							0.25	32	22.8	33.3		33.3	8.4	8.4	135.3	135.3	9.6	9.6	0.3	0.3	<0.001	<0.001	2.4	2.3	0.12	0.10	<1.0	<1.0		
						M	0.11	130	22.5	22.5		33.3	33.3	8.4	8.4	120.7	124.8	8.6	8.6	1.4	1.3	<0.001	<0.001	2.5	2.7	0.11	0.10	<1.0	<1.0	
							0.22	86	22.4	22.4		33.4	33.3	8.4	8.4	128.9	124.8	9.2	9.2	1.2	1.2	<0.001	<0.001	2.7	2.7	0.12	0.10	<1.0	<1.0	
							0.13	153	22.3	22.4		33.7	33.5	8.3	8.3	110.7	114.3	7.9	8.2	0.2	0.2	<0.001	<0.001	2.9	2.8	0.09	0.10	1.4	1.4	
	IM6	Cloudy	Calm	13:04	17.0	S	0.30	63	21.9	21.9	22.1	34.3	34.3	8.2	8.2	105.7	105.8	7.6	7.6	0.7	0.8	<0.001	<0.001	2.6	2.5	0.11	0.10	<1.0	<1.0	
							0.10	130	21.9	21.9		34.3	34.3	8.2	8.2	105.8	105.8	7.6	7.6	0.8	0.8	<0.001	<0.001	2.5	2.5	0.07	0.10	<1.0	<1.0	
							0.77	2	21.9	21.9		34.3	34.3	8.2	8.2	105.5	105.6	7.6	7.6	1.0	1.0	<0.001	<0.001	2.2	2.2	0.07	0.10	<1.0	<1.0	
						M	0.76	85	21.9	21.9		34.3	34.3	8.2	8.2	105.6	105.6	7.6	7.6	0.9	0.9	0.009	0.005	2.2	2.2	0.08	0.10	<1.0	<1.0	
							0.47	292	22.0	22.0		33.7	33.6	8.4	8.4	112.0	114.7	8.1	8.3	0.2	0.2	<0.001	0.027	1.8	1.7	0.09	0.10	<1.0	<1.0	
							0.17	321	21.9	21.9		33.6	33.6	8.4	8.4	117.4	114.7	8.5	8.3	0.2	0.2	0.052	0.027	1.6	1.7	0.11	0.10	<1.0	<1.0	
Mid-Flood	F3	Cloudy	Calm	7:05	18.0	S	0.42	274	22.0	22.0	21.9	34.4	34.4	8.3	8.3	106.0	106.1	7.6	7.6	0.5	0.6	<0.001	0.008	2.5	2.4	0.08	0.08	<1.0	<1.0	
							0.47	292	22.0	22.0		34.4	34.4	8.3	8.3	106.4	106.1	7.6	7.6	1.0	1.1	<0.001	<0.001	2.8	3.0	0.08	0.08	<1.0	<1.0	
							0.17	321	21.9	21.9		34.4	34.4	8.3	8.3	106.0	106.0	7.6	7.6	1.1	1.1	<0.001	<0.001	3.1	3.0	0.08	0.08	<1.0	<1.0	
						M	0.47	296	21.9	21.9		34.4	34.4	8.3	8.3	106.4	106.2	7.6	7.6	1.0	1.1	<0.001	<0.001	2.8	3.0	0.08	0.08	<1.0	<1.0	
							0.2	319	21.9	21.9		34.4	34.4	8.3	8.3	106.0	106.0	7.6	7.6	1.1	1.1	<0.001	<0.001	3.1	3.0	0.08	0.08	<1.0	<1.0	
							0.32	278	22.0	22.0		33.4	33.4	8.4	8.4	122.7	123.7	8.8	8.9	0.2	0.2	<0.001	<0.001	1.5	1.4	0.13	0.13	<1.0	<1.0	
IM6	Cloudy	Calm	6:52	16.0	S	0.32	278	22.0	22.0	22.0	33.8	33.8	8.4	8.4	117.4	118.5	8.4	8.5	0.2	0.3	<0.001	<0.001	1.3	1.7	0.13	0.13	<1.0	<1.0		
						0.15	325	22.0	22.0		33.8	33.8	8.4	8.4	119.6	118.5	8.6	8.5	0.3	0.3	<0.001	<0.001	1.6	1.7	0.13	0.13	<1.0	<1.0		
						0.19	313	22.0	22.0		34.0	34.1	8.3	8.3	115.7	115.1	8.3	8.3	0.4	0.5	<0.001	0.044	2.0	2.2	0.09	0.10	1.3	1.3		
					M	0.23	335	22.0	22.0		34.1	34.1	8.3	8.3	114.4	114.4	8.2	8.3	0.5	0.5	0.087	0.044	2.3	2.2	0.10	0.10	1.3	1.3		
						0.15	325	22.0	22.0		34.1	34.1	8.3	8.3	114.4	114.4	8.2	8.3	0.5	0.5	0.087	0.044	2.3	2.2	0.10	0.10	1.3	1.3		
						0.15	325	22.0	22.0		34.1	34.1	8.3	8.3	114.4	114.4	8.2	8.3	0.5	0.5	0.087	0.044	2.3	2.2	0.10	0.10	1.3	1.3		

Remark: * DA: Depth-Averaged

** Calm: Small or no wave; Moderate: Between calm and rough; Rough: White capped or rougher

*** S: 1 m below the sea surface; M: mid-depth; B: 1 m above the seabed