



## ANNEX C

## OPERATION PHASE WATER QUALITY MONITORING RESULTS

Water Quality Monitoring Data Log Sheet

Date: 2023/07/06

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current Velocity (m/s)	Current Direction	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)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value
Mid-Ebb	E2	Cloudy	Calm	14:12	9.2	S	0.15	90	28.5	28.5	26.9	25.8	25.8	8.3	8.3	130.7	131.3	8.8	8.8	2.3	2.3	<0.001	0.001	7.1	6.9	7.5	7.5	0.40	0.41	2.4	2.5
							0.15	90	28.5	28.5		25.8	25.8	8.3	8.3	131.8	131.3	8.9	8.8	2.3	2.3	<0.001	0.001	6.6	6.9	0.41	0.41	2.5	2.5		
							0.21	157	26.6	26.7		28.6	28.5	8.0	8.0	57.0	58.1	3.9	4.0	2.7	2.7	<0.001	<0.001	4.4	4.6	0.43	0.43	1.2	1.3		
							0.21	157	26.8	26.7		28.3	28.5	8.0	8.0	59.1	58.1	4.0	4.0	2.7	2.7	<0.001	<0.001	4.8	4.6	0.42	0.43	1.3	1.3		
							0.37	37	25.5	25.4		31.6	31.7	7.9	7.9	36.0	35.3	2.5	2.4	7.2	7.3	<0.001	0.003	10.7	11.0	0.29	0.29	<1.0	<1.0		
							0.39	85	25.4	28.6		31.7	31.7	7.9	8.2	34.5	118.5	2.4	2.4	7.4	7.4	0.005	0.005	11.2	11.2	0.29	0.29	<1.0	<1.0		
	IM6	Cloudy	Calm	13:37	17.1	S	0.33	121	28.6	28.6	26.0	23.3	23.3	8.2	8.2	119.3	118.9	8.1	8.1	2.6	2.6	<0.001	<0.001	4.2	4.4	6.8	6.8	0.62	0.62	2.1	2.0
							0.42	212	25.4	25.4		23.3	31.3	8.0	8.0	57.5	57.1	4.0	3.9	2.1	2.1	<0.001	<0.001	2.7	2.8	0.27	0.27	<1.0	<1.0		
							0.42	212	25.4	25.4		31.2	31.2	8.0	8.0	56.7	57.1	3.9	3.9	2.0	2.0	<0.001	<0.001	2.9	2.8	0.26	0.26	<1.0	<1.0		
							0.62	76	24.0	24.0		33.7	33.7	8.0	8.0	62.3	61.6	4.3	4.3	9.7	9.6	<0.001	0.001	13.5	13.3	0.08	0.08	<1.0	<1.0		
							0.62	76	24.0	24.0		33.7	33.7	8.0	8.0	60.9	61.6	4.2	4.3	9.5	9.6	0.001	0.001	13.1	13.3	0.08	0.08	<1.0	<1.0		
							0.49	276	27.7	27.7		23.2	23.2	8.1	8.1	82.1	82.6	5.7	5.7	2.8	2.8	<0.001	<0.001	5.0	4.8	0.76	0.74	<1.0	<1.0		
Mid-Flood	F3	Cloudy	Calm	8:11	18.8	M	0.54	244	27.8	27.7	25.8	23.2	23.2	8.1	8.1	83.1	82.6	5.7	5.7	2.8	2.8	<0.001	<0.001	4.5	4.8	7.3	7.3	0.76	0.74	<1.0	<1.0
							0.54	248	25.6	25.6		31.6	31.7	8.1	8.1	62.1	61.3	4.2	4.2	2.0	1.9	<0.001	<0.001	2.8	2.9	0.17	0.17	1.0	1.3		
							0.54	248	25.7	25.6		31.7	31.7	8.1	8.1	60.4	61.3	4.1	4.2	1.8	1.9	<0.001	<0.001	3.0	2.9	0.17	0.17	1.0	1.3		
							0.58	3	24.1	24.1		33.8	33.8	8.1	8.1	61.2	61.1	4.2	4.2	9.8	9.7	<0.001	0.002	14.0	14.2	0.07	0.07	<1.0	<1.0		
							0.58	3	24.1	24.1		33.8	33.8	8.1	8.1	60.9	61.1	4.2	4.2	9.6	9.7	0.002	0.002	14.4	14.2	0.07	0.07	<1.0	<1.0		
							0.54	199	27.6	27.6		24.4	24.7	8.1	8.1	77.3	79.3	5.3	5.4	2.1	2.2	<0.001	<0.001	5.5	5.8	0.65	0.64	1.1	1.1		
	IM6	Cloudy	Calm	7:57	17.2	M	0.38	251	27.6	27.6	25.7	25.0	24.7	8.1	8.1	81.2	80.6	5.6	5.4	2.2	2.2	<0.001	<0.001	6.1	6.1	6.7	6.7	0.62	0.62	1.1	1.1
							0.71	325	25.1	25.2		31.8	31.7	8.0	8.0	60.6	60.6	4.2	4.2	2.4	2.3	<0.001	<0.001	3.7	3.5	0.22	0.22	<1.0	<1.0		
							0.16	227	25.2	25.2		31.6	31.6	8.0	8.0	60.6	60.6	4.2	4.2	2.1	2.1	<0.001	<0.001	3.2	3.2	0.21	0.21	<1.0	<1.0		
							0.54	4	24.2	24.2		33.6	33.6	8.0	8.0	60.8	60.5	4.2	4.2	9.1	8.5	<0.001	<0.001	11.2	10.9	0.08	0.08	<1.0	<1.0		
							0.36	340	24.2	24.2		33.6	33.6	8.0	8.0	60.1	60.5	4.2	4.2	7.9	8.5	<0.001	<0.001	10.6	10.9	0.08	0.08	<1.0	<1.0		
							0.36	340	24.2	24.2		33.6	33.6	8.0	8.0	60.1	60.5	4.2	4.2	7.9	8.5	<0.001	<0.001	10.6	10.9	0.08	0.08	<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: 2023/07/11

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current Velocity (m/s)	Current Direction	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)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value
Mid-Ebb	E2	Fine	Calm	18:42	9.0	S	0.14	210	28.6	28.5	26.5	26.8	8.6	8.6	190.3	193.5	12.7	12.9	1.6	1.5	<0.001	<0.001	6.6	6.2	6.3	0.19	0.19	3.1	3.3	2.3	
							0.17	152	28.5	27.2	26.8	28.5	8.6	8.6	196.6	193.5	13.1	12.9	1.4	1.5	<0.001	<0.001	5.7	6.2	6.3	0.19	0.19	3.1	3.3	2.3	
							0.28	79	27.1	27.1	28.5	28.5	8.3	8.3	103.4	104.5	7.0	7.1	1.5	1.5	<0.001	<0.001	5.6	6.1	6.3	0.25	0.25	2.1	2.0	2.3	
						0.28	48	27.1	27.1	28.6	28.5	8.3	8.3	105.5	104.5	7.2	7.1	1.5	1.5	<0.001	<0.001	6.5	6.1	6.3	0.24	0.24	1.9	2.0	2.3		
						0.18	68	26.0	26.0	30.1	30.1	8.0	8.0	62.0	61.4	4.2	4.2	1.4	1.5	<0.001	<0.001	6.6	6.8	6.3	0.24	0.24	1.8	1.6	2.3		
						0.18	68	26.1	26.1	30.1	30.1	8.0	8.0	60.8	61.4	4.2	4.2	1.5	1.5	<0.001	<0.001	7.0	6.8	6.3	0.24	0.24	1.6	1.6	2.3		
	IM6	Fine	Calm	18:10	16.0	S	0.31	63	29.4	29.4	23.9	23.9	8.7	8.7	199.9	205.3	13.4	13.8	2.0	2.1	<0.001	<0.001	5.8	5.9	5.3	0.36	0.37	4.2	4.3	2.2	
							0.23	75	24.6	24.9	32.1	31.7	8.0	8.0	53.2	55.9	3.7	3.9	2.1	2.1	<0.001	<0.001	6.0	5.9	5.3	0.37	0.37	4.4	4.3	2.2	
							0.23	75	25.1	24.9	31.2	31.7	8.0	8.0	58.5	55.9	4.0	3.9	1.3	1.3	<0.001	<0.001	2.9	3.0	5.3	0.16	0.16	1.3	1.2	2.2	
						0.26	255	23.2	23.2	33.9	33.9	8.0	8.0	61.3	57.8	4.3	4.1	1.2	1.2	0.001	0.001	3.0	3.0	5.3	0.16	0.16	1.0	1.2	2.2		
						0.17	352	23.2	23.2	33.9	33.9	8.0	8.0	54.2	57.8	3.8	4.1	4.8	5.1	<0.001	<0.001	6.7	7.1	5.3	0.08	0.08	<1.0	<1.0	2.2		
						0.06	83	28.8	28.8	24.3	24.4	8.7	8.7	186.5	190.6	12.6	12.9	2.1	2.2	<0.001	<0.001	7.4	7.1	5.3	0.08	0.08	<1.0	<1.0	2.2		
Mid-Flood	F3	Fine	Calm	12:37	18.0	S	0.06	83	28.8	28.8	24.3	24.4	8.7	8.7	194.7	190.6	13.1	12.9	2.2	2.2	<0.001	<0.001	7.4	7.6	6.6	0.33	0.33	3.0	3.0	1.7	
							0.24	216	23.7	23.7	33.4	33.4	8.0	8.0	51.0	50.9	3.6	3.6	2.0	1.9	<0.001	<0.001	7.8	7.6	6.6	0.33	0.33	2.9	3.0	1.7	
							0.29	282	23.2	23.2	33.5	33.4	8.0	8.0	50.8	50.9	3.6	3.6	1.8	1.9	<0.001	<0.001	4.1	4.1	6.6	0.10	0.09	<1.0	<1.0	1.7	
						0.29	282	23.2	23.2	34.0	34.0	8.0	8.0	56.4	54.3	4.0	3.8	6.1	6.5	<0.001	<0.001	4.0	4.1	6.6	0.08	0.08	<1.0	<1.0	1.7		
						0.69	145	28.9	28.9	24.9	24.9	8.5	8.5	155.8	159.9	10.5	10.7	2.0	2.0	<0.001	<0.001	8.3	8.1	6.6	0.06	0.06	<1.0	<1.0	1.7		
						0.69	145	29.0	28.9	24.8	24.9	8.5	8.5	164.0	159.9	11.0	10.7	2.0	2.0	<0.001	<0.001	7.9	8.1	6.6	0.06	0.06	<1.0	<1.0	1.7		
	IM6	Fine	Calm	12:24	16.3	S	0.34	353	24.6	24.7	32.2	32.0	8.0	8.0	57.6	56.9	4.0	3.9	1.5	1.5	<0.001	<0.001	6.7	6.9	6.6	0.35	0.35	2.6	2.5	1.5	
							0.34	353	24.8	24.7	31.9	32.0	8.0	8.0	56.2	56.9	3.9	3.9	1.4	1.4	<0.001	<0.001	7.1	6.9	6.6	0.34	0.34	2.4	2.4	1.5	
							0.11	38	23.3	23.3	33.9	33.9	8.0	8.0	59.0	56.6	4.1	4.0	5.5	5.8	<0.001	<0.001	4.3	4.4	6.6	0.14	0.14	<1.0	<1.0	1.5	
						0.07	326	23.3	23.3	33.9	33.9	8.0	8.0	54.1	56.6	3.8	4.0	6.0	5.8	<0.001	<0.001	8.8	8.5	6.6	0.06	0.06	<1.0	<1.0	1.5		
						0.07	326	23.3	23.3	33.9	33.9	8.0	8.0	54.1	56.6	3.8	4.0	6.0	5.8	<0.001	<0.001	8.8	8.5	6.6	0.06	0.06	<1.0	<1.0	1.5		
						0.07	326	23.3	23.3	33.9	33.9	8.0	8.0	54.1	56.6	3.8	4.0	6.0	5.8	<0.001	<0.001	8.8	8.5	6.6	0.06	0.06	<1.0	<1.0	1.5		

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: 2023/07/22

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value
Mid-Ebb	E2	Cloudy	Calm	14:33	9.5	S	0.41	92	29.5	29.5	30.1	30.1	8.7	8.7	238.3	237.8	15.4	15.4	1.0	1.0	<0.001	<0.001	5.3	5.3	<0.02	<0.02	2.6	2.7	1.6
							0.39	108	29.5	28.4	30.0	31.0	8.7	8.4	237.2	132.3	15.3	8.7	1.0	2.2	<0.001	<0.001	5.3	6.4	<0.02	0.03	1.0	1.2	1.6
							0.33	89	28.2	28.2	31.0	31.0	8.4	8.4	129.2	132.3	8.5	8.7	2.0	2.2	<0.001	<0.001	6.2	6.4	0.03	0.03	1.3	1.0	1.2
							0.09	1	28.2	27.5	31.0	31.8	8.4	8.2	135.3	83.3	8.9	5.5	9.9	9.7	<0.001	<0.001	6.6	13.4	0.03	0.14	<1.0	<1.0	<1.0
							0.21	352	27.5	27.5	31.8	31.8	8.2	8.2	84.2	83.3	5.5	5.5	9.9	9.7	<0.001	<0.001	13.2	13.4	0.15	0.14	<1.0	<1.0	<1.0
							0.21	352	27.5	27.5	31.8	31.8	8.2	8.2	82.4	83.3	5.5	5.5	9.5	9.7	<0.001	<0.001	13.6	13.4	0.13	0.14	<1.0	<1.0	<1.0
	IM6	Cloudy	Calm	14:01	17.0	S	0.14	102	29.4	29.5	29.6	29.6	8.5	8.5	198.2	196.5	12.9	12.7	0.8	0.9	<0.001	<0.001	4.4	4.6	0.02	0.03	2.2	2.2	1.4
							0.42	197	29.5	27.8	29.5	29.6	8.2	8.2	84.1	83.8	5.6	5.6	0.9	0.8	<0.001	<0.001	4.7	5.3	0.03	0.07	<1.0	<1.0	1.4
							0.43	72	27.1	27.1	32.4	32.3	8.2	8.2	83.5	83.8	5.5	5.6	0.8	0.8	<0.001	<0.001	5.5	5.3	0.07	0.07	<1.0	<1.0	1.4
							0.34	163	27.1	26.9	32.4	32.3	8.1	8.1	79.2	78.3	5.3	5.2	5.4	5.5	<0.001	<0.001	5.1	7.1	0.07	0.04	<1.0	<1.0	1.4
							0.31	276	26.9	26.9	33.2	33.2	8.1	8.1	77.4	78.3	5.1	5.2	5.4	5.5	<0.001	<0.001	7.3	7.1	0.04	0.04	<1.0	<1.0	1.4
							0.46	341	29.0	28.9	33.2	33.2	8.1	8.1	77.4	78.3	5.1	5.2	5.4	5.5	<0.001	<0.001	6.9	7.1	0.04	0.04	<1.0	<1.0	1.4
Mid-Flood	F3	Cloudy	Calm	7:39	17.0	S	0.43	345	28.9	28.9	28.5	28.6	8.5	8.5	153.8	155.4	10.1	10.2	1.3	1.3	<0.001	<0.001	4.1	4.3	0.04	0.12	1.1	1.1	1.2
							0.27	30	27.3	27.3	28.6	28.6	8.5	8.5	156.9	155.4	10.3	10.2	1.2	1.3	<0.001	<0.001	4.4	4.3	0.20	0.12	1.1	1.1	1.2
							0.32	102	27.2	27.3	32.5	32.6	8.2	8.2	84.9	85.5	5.6	5.7	0.9	1.0	<0.001	<0.001	5.6	5.4	<0.02	<0.02	1.6	1.4	1.2
							0.27	30	27.3	27.3	32.5	32.6	8.2	8.2	86.1	85.5	5.7	5.7	0.9	1.0	<0.001	<0.001	5.2	5.4	0.04	0.04	1.3	1.4	1.2
							0.46	283	26.9	26.9	33.2	33.2	8.2	8.2	78.2	78.0	5.2	5.2	3.6	3.5	<0.001	<0.001	6.4	6.6	0.04	0.04	<1.0	<1.0	1.2
							0.46	283	26.9	26.9	33.2	33.2	8.2	8.2	77.7	78.0	5.2	5.2	3.4	3.5	<0.001	<0.001	6.5	6.6	0.04	0.04	<1.0	<1.0	1.2
	IM6	Cloudy	Calm	7:25	15.0	S	0.31	26	28.7	28.7	27.8	27.8	8.3	8.3	123.2	123.2	8.2	8.2	1.5	1.6	<0.001	<0.001	5.1	5.2	0.28	0.29	<1.0	<1.0	<1.0
							0.29	261	28.7	28.7	27.8	27.8	8.3	8.3	123.1	123.2	8.2	8.2	1.6	1.6	<0.001	<0.001	5.3	5.2	0.30	0.29	<1.0	<1.0	<1.0
							0.58	351	27.4	27.4	32.4	32.4	8.2	8.2	87.7	89.0	5.8	5.9	1.6	1.6	<0.001	<0.001	6.7	6.4	0.06	0.07	<1.0	<1.0	<1.0
							0.28	351	27.4	27.4	32.3	32.3	8.2	8.2	90.2	89.0	6.0	5.9	1.6	1.6	<0.001	<0.001	6.1	6.4	0.07	0.07	<1.0	<1.0	<1.0
							0.30	218	26.9	26.9	33.2	33.2	8.2	8.2	75.6	75.4	5.0	5.0	11.8	11.6	<0.001	<0.001	14.4	14.7	0.05	0.05	<1.0	<1.0	<1.0
							0.10	27	26.9	26.9	33.2	33.2	8.2	8.2	75.2	75.4	5.0	5.0	11.4	11.6	0.004	0.003	15.0	14.7	0.05	0.05	<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: 2023/07/25

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
Mid-Ebb	E2	Fine	Calm	16:09	9.1	S	0.18	10	30.9	30.9	29.4	28.2	28.2	8.7	8.7	197.7	197.0	12.6	12.6	0.7	0.7	<0.001	<0.001	0.002	3.3	3.2	0.09	0.09	2.0	2.1	1.8
							0.22	105	30.9	28.2		8.7	196.3	12.5	0.6	0.6	<0.001	3.0	0.09	2.1											
							0.13	42	29.7	29.7		8.7	188.3	12.2	0.6	0.7	<0.001	3.8	0.02	2.2											
						0.13	57	30.0	29.8	8.7		214.7	13.8	0.7	0.7	0.007	4.1	0.02	2.3												
						0.48	81	27.5	27.5	32.1		32.1	8.0	8.0	85.1	69.1	5.6	4.6	4.7	4.9	<0.001	7.7	0.15		1.0						
						0.48	81	27.5	27.5	32.1		32.1	8.0	8.0	53.1	69.1	3.5	5.1	5.1	4.9	<0.001	7.2	0.12		1.3						
	IM6	Fine	Calm	15:36	17.0	S	0.25	98	31.4	31.4	28.5	26.3	26.3	8.7	8.7	192.4	192.1	12.3	12.3	0.0	0.0	<0.001	<0.001	<0.001	2.1	2.2	0.20	0.19	2.6	2.5	1.7
							0.14	33	27.5	27.5		32.0	32.0	8.2	8.2	88.1	89.6	5.8	5.9	9.1	9.1	0.7	0.8		<0.001	2.3	0.04	0.04			
							0.20	85	27.5	27.5		32.0	32.0	8.2	8.2	91.1	89.6	6.0	5.9	9.1	9.1	0.8	0.8		<0.001	2.7	0.04	0.04			
						0.23	101	26.7	26.7	33.5		33.5	8.1	8.1	58.3	58.4	3.9	3.9	3.9	3.9	9.8	9.7	<0.001		2.4	0.07	0.07				
						0.24	69	26.7	26.7	33.5		33.5	8.1	8.1	58.4	58.4	3.9	3.9	9.6	9.7	9.6	9.7	<0.001		13.1	0.07	0.07				
						0.22	188	29.8	29.8	26.7		26.6	8.7	8.7	183.6	184.2	12.0	12.1	0.9	1.0	0.9	1.0	<0.001		3.2	0.19	0.19				
Mid-Flood	F3	Fine	Calm	9:40	18.0	S	0.22	188	29.8	29.8	27.8	26.7	26.6	8.7	8.7	184.8	184.2	12.1	12.1	1.0	1.0	<0.001	<0.001	<0.001	2.8	3.0	0.18	0.19	1.3	1.4	1.1
							0.18	262	27.0	27.0		32.7	32.7	8.2	8.2	70.3	70.4	4.7	4.7	4.7	4.7	1.1	1.1		<0.001	3.7	0.06	0.06			
							0.08	231	26.6	26.6		33.4	33.4	8.1	8.1	60.8	60.0	4.0	4.0	6.6	7.0	6.6	7.0		<0.001	4.0	0.06	0.06			
						0.36	83	29.9	29.9	26.7		26.6	8.7	8.7	172.3	180.1	11.3	11.8	0.6	0.6	0.6	0.6	<0.001		7.8	0.06	0.06				
						0.36	83	29.9	29.9	26.6		26.6	8.7	8.7	187.9	180.1	12.3	11.8	0.6	0.6	0.6	0.6	<0.001		8.1	0.06	0.06				
						0.35	5	27.3	27.2	32.1		32.3	8.2	8.2	80.9	77.8	5.4	5.2	1.1	1.2	1.1	1.2	0.006		4.0	0.18	0.18				
	IM6	Fine	Calm	9:20	17.2	M	0.15	327	27.1	27.2	27.9	32.5	32.3	8.2	8.2	74.6	77.8	5.0	5.0	1.2	1.2	<0.001	0.001	0.003	4.6	4.8	0.05	0.05	1.7	1.7	1.2
							0.19	334	26.7	26.7		33.3	33.3	8.1	8.1	65.6	63.2	4.4	4.2	4.2	4.2	8.1	8.3		<0.001	5.0	0.05	0.05			
							0.32	139	26.7	26.7		33.3	33.3	8.1	8.1	60.8	63.2	4.0	4.2	4.2	4.2	8.5	8.3		0.006	11.8	0.05	0.05			
						0.18	262	27.0	27.0	32.7		32.7	8.2	8.2	70.3	70.4	4.7	4.7	4.7	4.7	1.1	1.1	<0.001		3.7	0.06	0.06				
						0.08	231	26.6	26.6	33.4		33.4	8.1	8.1	60.8	60.0	4.0	4.0	6.6	7.0	6.6	7.0	<0.001		4.0	0.06	0.06				
						0.36	83	29.9	29.9	26.7		26.6	8.7	8.7	172.3	180.1	11.3	11.8	0.6	0.6	0.6	0.6	<0.001		7.8	0.06	0.06				

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: 2023/07/31

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current Velocity (m/s)	Current Direction	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)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Fine	Rough	13:01	8.2	S	0.39	199	29.6	29.6	26.2	26.2	8.3	116.1	117.2	7.7	7.7	0.8	0.8	<0.001	<0.001	2.8	2.7	0.34	0.34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.10	283	29.6	29.6	26.2	26.2	8.3	118.3	117.2	7.8	7.7	0.7	0.7	<0.001	<0.001	2.6	2.7	0.34	0.34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.56	121	28.2	28.1	30.3	30.4	8.0	8.0	68.6	66.9	4.5	4.4	4.9	5.1	<0.001	<0.001	6.8	6.9	0.21	0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.56	121	28.1	28.1	30.5	30.4	8.0	8.0	65.1	66.9	4.3	4.4	5.3	5.1	<0.001	<0.001	7.0	6.9	0.21	0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.17	224	27.8	27.8	31.2	31.2	7.9	7.9	56.2	56.3	3.7	3.7	7.7	7.7	<0.001	<0.001	10.4	10.3	0.19	0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.64	99	27.9	27.9	31.2	31.2	8.0	8.0	56.4	56.3	3.7	3.7	7.7	7.7	<0.001	<0.001	10.1	10.3	0.19	0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	IM6	Fine	Rough	13:32	15.0	S	0.37	199	29.6	29.6	26.3	26.3	8.3	114.8	115.5	7.6	7.6	0.6	0.7	<0.001	<0.001	2.7	3.0	0.32	0.31	1.0	1.0	0.21	0.21	1.0	1.0	
							0.05	51	27.4	27.4	26.4	26.3	8.3	116.2	115.5	7.7	7.6	4.0	4.1	<0.001	<0.001	3.2	3.0	0.30	0.31	1.0	1.0	0.21	0.21	1.0	1.0	
							0.65	164	27.4	27.4	31.7	31.7	8.0	8.0	53.9	53.9	3.6	3.6	4.2	4.1	<0.001	<0.001	6.1	6.3	0.16	0.16	<1.0	<1.0	<1.0	<1.0	1.0	1.0
							0.25	304	26.9	26.9	32.5	32.5	8.0	8.0	43.6	43.3	2.9	2.9	6.0	5.9	<0.001	<0.001	6.4	6.3	0.16	0.16	<1.0	<1.0	<1.0	<1.0	1.0	1.0
							0.39	15	27.0	26.9	32.5	32.5	8.0	8.0	42.9	43.3	2.9	2.9	5.8	5.9	<0.001	<0.001	7.3	7.1	0.14	0.15	<1.0	<1.0	<1.0	<1.0	1.0	1.0
							0.28	20	29.8	29.8	26.2	26.2	8.4	8.4	119.0	119.7	7.8	7.9	0.5	0.5	<0.001	<0.001	2.5	2.7	0.33	0.33	1.2	1.2	0.21	0.21	1.1	1.1
Mid-Flood	F3	Fine	Rough	18:05	16.7	M	0.36	231	27.7	27.8	27.9	27.9	8.0	8.0	57.2	58.6	3.8	3.9	3.9	3.7	<0.001	<0.001	5.0	4.8	0.19	0.20	0.21	0.21	1.1	1.1		
							0.13	338	27.9	27.8	30.6	31.0	8.0	8.0	59.9	58.6	4.0	3.9	3.5	3.7	<0.001	<0.001	4.6	4.8	0.20	0.20	0.21	0.21	1.1	1.1		
							0.55	310	26.2	26.2	33.3	33.3	7.9	7.9	45.0	44.7	3.0	3.0	11.2	11.3	<0.001	<0.001	14.9	14.7	0.11	0.11	<1.0	<1.0	<1.0	<1.0		
							0.04	123	26.2	26.2	33.3	33.3	7.9	7.9	44.4	44.7	3.0	3.0	11.4	11.3	<0.001	<0.001	14.4	14.7	0.10	0.11	<1.0	<1.0	<1.0	<1.0		
							0.40	9	29.4	29.2	27.2	27.7	8.3	8.3	110.9	106.7	7.3	7.0	1.2	1.3	<0.001	<0.001	2.8	2.8	0.29	0.30	1.3	1.4	0.22	0.22	1.1	1.1
							0.40	9	29.0	29.2	28.1	27.7	8.2	8.3	102.5	106.7	6.8	7.0	1.3	1.3	<0.001	<0.001	2.8	2.8	0.30	0.30	1.5	1.5	0.22	0.22	1.1	1.1
	IM6	Fine	Rough	17:50	15.4	M	0.46	106	27.8	27.8	30.7	30.8	8.0	8.0	56.3	56.3	3.7	3.7	5.3	5.4	<0.001	<0.001	7.6	7.5	0.21	0.21	0.22	0.22	1.1	1.1		
							0.12	271	27.8	27.8	30.8	30.8	8.0	8.0	56.3	56.3	3.7	3.7	5.5	5.4	<0.001	<0.001	7.3	7.5	0.20	0.21	0.22	0.22	1.1	1.1		
							0.37	333	26.5	26.5	33.0	33.0	7.9	7.9	40.1	39.8	2.7	2.7	16.8	16.7	<0.001	0.006	8.3	8.1	0.14	0.15	<1.0	<1.0	<1.0	<1.0		
							0.56	163	26.5	26.5	33.0	33.0	7.9	7.9	39.4	39.8	2.6	2.7	16.5	16.7	0.011	0.006	7.9	8.1	0.15	0.15	<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: 2023/08/09

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average
Mid-Ebb	E2	Cloudy	Calm	17:50	8.9	S	0.30	122	30.0	30.0	28.6	28.8	28.8	8.4	8.4	172.6	173.4	11.1	11.2	0.7	0.7	<0.001	<0.001	4.2	4.0	0.10	0.10	2.0	1.8
							0.18	32	30.0	30.0		28.8	28.8	8.4	8.4	174.2	173.4	11.2	11.2	0.6	0.6	<0.001	<0.001	3.8	4.0	0.10	0.10	1.6	1.8
							0.41	322	28.6	28.7		30.1	30.1	8.2	8.2	109.4	111.2	7.2	7.3	1.0	1.0	<0.001	<0.001	4.4	4.6	0.14	0.14	1.3	1.4
							0.07	290	28.7	28.7		30.0	30.0	8.2	8.2	113.0	111.2	7.4	7.3	1.0	1.0	<0.001	<0.001	4.8	4.6	0.14	0.14	1.4	1.4
							0.06	169	27.2	27.1		32.1	32.4	8.0	8.0	65.4	61.0	4.3	4.0	2.8	3.0	<0.001	<0.001	5.4	5.3	0.14	0.14	<1.0	<1.0
							0.52	49	26.9	26.9		32.6	32.6	8.0	8.0	56.5	61.0	3.8	3.8	3.1	3.1	<0.001	<0.001	5.1	5.1	0.14	0.14	<1.0	<1.0
	IM6	Cloudy	Calm	17:20	16.2	S	0.09	245	30.0	30.0	27.3	28.1	28.1	8.4	8.4	169.7	170.4	11.1	11.0	0.5	0.5	<0.001	<0.001	3.4	3.6	0.16	0.16	2.4	2.2
							0.28	325	26.1	26.1		28.1	28.1	8.4	8.4	171.1	170.4	11.1	11.0	0.5	0.5	<0.001	<0.001	3.8	3.6	0.16	0.16	1.9	2.2
							0.56	33	26.1	26.1		33.6	33.6	8.0	8.0	68.5	68.6	4.6	4.6	2.8	2.6	<0.001	<0.001	4.2	4.4	0.09	0.09	<1.0	<1.0
							0.62	44	25.7	25.7		33.6	33.6	8.0	8.0	68.6	68.6	4.6	4.6	2.4	2.6	<0.001	<0.001	4.5	4.4	0.08	0.08	<1.0	<1.0
							0.62	44	25.7	25.7		33.8	33.8	8.0	8.0	69.1	69.4	4.7	4.7	11.2	11.2	<0.001	<0.001	16.3	16.6	0.06	0.06	<1.0	<1.0
							0.38	26	29.3	29.3		33.8	33.8	8.0	8.0	69.7	69.4	4.7	4.7	11.1	11.1	<0.001	<0.001	16.8	16.6	0.06	0.06	<1.0	<1.0
Mid-Flood	F3	Cloudy	Calm	12:27	17.6	S	0.31	10	29.2	29.3	27.1	27.8	27.7	8.2	8.2	123.4	124.6	8.1	8.2	0.7	0.7	<0.001	<0.001	3.1	3.3	0.28	0.28	1.0	1.1
							0.37	216	26.6	26.5		27.7	27.7	8.3	8.2	125.7	124.6	8.3	8.2	0.6	0.6	<0.001	<0.001	3.5	3.3	0.28	0.28	1.2	1.1
							0.76	248	26.5	26.5		33.3	33.3	8.0	8.0	57.8	58.7	3.9	3.9	1.8	1.7	<0.001	<0.001	5.1	4.9	0.11	0.11	<1.0	<1.0
							0.46	320	25.7	25.7		33.4	33.3	8.0	8.0	59.5	58.7	4.0	3.9	1.6	1.7	<0.001	<0.001	4.6	4.9	0.11	0.11	<1.0	<1.0
							0.46	320	25.7	25.7		33.8	33.8	8.1	8.1	69.2	69.1	4.7	4.7	10.8	10.5	<0.001	<0.001	14.4	14.2	0.05	0.05	<1.0	<1.0
							0.21	355	28.6	28.8		33.8	33.8	8.1	8.1	69.0	69.1	4.7	4.7	10.2	10.5	<0.001	<0.001	14.0	14.2	0.05	0.05	<1.0	<1.0
	IM6	Cloudy	Calm	12:15	16.2	S	0.21	355	29.0	28.8	26.9	29.2	28.4	8.1	8.1	95.3	98.1	6.3	6.5	0.5	0.5	<0.001	<0.001	3.4	3.3	0.30	0.30	1.0	1.0
							1.16	164	26.2	26.2		27.7	27.7	8.2	8.2	100.9	98.1	6.7	6.5	0.5	0.5	<0.001	<0.001	3.2	3.3	0.30	0.30	1.0	1.0
							0.34	6	26.2	26.2		33.5	33.5	8.0	8.0	66.7	66.6	4.5	4.5	2.9	2.9	<0.001	<0.001	4.4	4.3	0.09	0.10	<1.0	<1.0
							0.76	35	25.8	25.8		33.5	33.5	8.0	8.0	66.4	66.6	4.5	4.5	2.8	2.8	<0.001	<0.001	4.2	4.3	0.10	0.10	<1.0	<1.0
							0.26	102	25.8	25.8		33.7	33.7	8.0	8.0	66.6	66.5	4.5	4.5	8.5	8.4	<0.001	<0.001	12.2	12.5	0.05	0.06	<1.0	<1.0
							0.26	102	25.8	25.8		33.7	33.7	8.0	8.0	66.3	66.5	4.5	4.5	8.3	8.4	<0.001	<0.001	12.8	12.5	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: 2023/08/14

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current Velocity (m/s)	Current Direction	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)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Cloudy	Calm	10:44	9.0	S	0.46	50	28.3	27.4	27.4	8.3	8.3	121.7	121.1	8.1	8.1	1.0	1.0	<0.001	<0.001	2.7	2.9	0.33	0.33	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.46	50	28.3	27.4	27.4	8.3	8.3	121.4	121.1	0.9	0.9	0.7	0.7	<0.001	<0.001	3.1	2.9	0.33	0.33	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.10	290	27.2	27.2	30.6	30.6	8.1	8.1	82.9	83.2	5.5	5.6	0.7	0.7	<0.001	<0.001	4.1	4.4	0.18	0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.10	290	27.3	27.2	30.5	30.6	8.1	8.1	83.4	83.2	5.6	5.6	0.7	0.7	<0.001	<0.001	4.6	4.4	0.18	0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.23	120	26.6	26.6	32.6	32.7	7.9	7.9	45.1	44.3	3.0	3.0	2.4	2.5	<0.001	<0.001	5.2	5.4	0.12	0.13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.43	37	26.5	26.6	32.7	32.7	7.9	7.9	43.5	43.5	2.9	2.9	2.5	2.5	<0.001	<0.001	5.5	5.5	0.13	0.13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	IM6	Cloudy	Calm	11:15	17.2	S	0.36	202	28.6	28.6	26.4	26.4	8.3	8.3	116.9	117.6	7.8	7.9	0.7	0.7	<0.001	<0.001	3.0	2.9	0.39	0.39	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.26	129	28.6	28.6	26.5	26.4	8.3	8.3	118.2	117.6	7.9	7.9	0.7	0.7	<0.001	<0.001	2.8	2.9	0.39	0.39	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.52	155	26.5	26.6	32.9	32.9	8.1	8.1	71.8	72.2	4.8	4.8	0.5	0.5	<0.001	<0.001	3.6	3.4	0.09	0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
						0.52	155	26.6	26.6	32.9	32.9	8.1	8.1	72.5	72.2	4.8	4.8	0.5	0.5	<0.001	<0.001	3.2	3.4	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
						0.72	81	24.9	24.9	33.9	33.9	8.0	8.0	63.2	62.9	4.3	4.3	9.5	9.9	<0.001	<0.001	13.5	13.3	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
						0.59	32	24.9	24.9	33.9	33.9	8.0	8.0	62.6	62.9	4.3	4.3	10.3	9.9	<0.001	<0.001	13.1	13.3	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Mid-Flood	F3	Cloudy	Calm	18:05	17.5	S	0.64	329	28.5	28.5	27.2	27.2	8.3	8.3	125.1	126.2	8.3	8.4	0.6	0.6	<0.001	<0.001	3.0	2.9	0.35	0.35	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.41	349	28.5	28.5	27.2	27.2	8.3	8.3	127.2	126.2	8.5	8.4	0.6	0.6	<0.001	<0.001	2.8	2.9	0.35	0.35	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.63	259	26.2	26.1	33.1	33.1	8.0	8.0	61.9	61.9	4.2	4.2	2.6	2.7	<0.001	<0.001	3.8	4.1	0.11	0.11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.50	256	26.0	26.1	33.2	33.1	8.0	8.0	61.9	61.9	4.2	4.2	2.8	2.7	<0.001	<0.001	4.3	4.1	0.10	0.11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.42	255	24.8	24.8	33.8	33.8	8.0	8.0	65.3	65.2	4.5	4.5	8.8	9.4	<0.001	<0.001	12.2	12.0	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.40	159	24.8	24.8	33.8	33.8	8.0	8.0	65.0	65.2	4.5	4.5	9.9	9.4	<0.001	<0.001	11.8	12.0	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	IM6	Cloudy	Calm	17:54	16.1	S	0.55	290	28.1	28.1	28.6	28.6	8.2	8.2	112.6	113.2	7.5	7.5	0.6	0.6	<0.001	<0.001	3.1	3.3	0.29	0.29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.55	290	28.1	28.1	28.6	28.6	8.2	8.2	113.7	113.2	7.6	7.5	0.6	0.6	<0.001	<0.001	3.5	3.3	0.29	0.29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							1.27	206	25.4	25.4	33.4	33.4	8.0	8.0	65.4	65.4	4.4	4.4	6.3	6.0	<0.001	<0.001	9.8	10.0	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.67	51	25.5	25.4	33.4	33.4	8.0	8.0	65.3	65.4	4.4	4.4	5.6	6.0	<0.001	<0.001	10.1	10.0	0.07	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.58	216	25.1	25.1	33.7	33.7	8.0	8.0	64.0	63.9	4.4	4.4	10.8	10.4	<0.001	0.002	18.6	18.3	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.58	216	25.1	25.1	33.7	33.7	8.0	8.0	63.8	63.9	4.4	4.4	9.9	10.4	<0.002	0.002	18.0	18.3	0.06	0.06	<1.0	<1.0	<1.0	<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: 2023/08/22

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*	Value
Mid-Ebb	E2	Fine	Calm	15:15	9.0	S	0.33	193	28.0	28.0	26.9	30.1	30.1	8.3	8.3	139.7	144.8	9.3	9.6	1.7	1.7	<0.001	<0.001	4.0	4.2	0.13	0.13	2.2	2.2	0.16	1.4
							0.33	193	28.0	28.0		30.0	30.0	8.4	8.3	149.9	144.8	9.9	9.6	1.6	1.7	<0.001	<0.001	4.4	4.2	0.13	0.13	2.2	2.2		
							0.27	190	26.5	26.5		31.0	31.0	8.1	8.1	79.2	78.9	5.4	5.3	2.7	2.7	<0.001	<0.001	5.1	5.0	0.20	0.20	<1.0	<1.0		
						0.27	190	26.5	26.5	31.0		31.0	8.1	8.1	78.5	78.9	5.3	5.3	2.6	2.7	<0.001	<0.001	4.8	5.0	0.19	0.20	<1.0	<1.0			
						0.64	125	26.3	26.3	31.4		31.4	8.0	8.0	70.2	67.3	4.8	4.6	3.9	4.0	<0.001	0.005	6.0	6.2	0.16	0.17	<1.0	<1.0			
						0.31	31	26.3	26.3	31.4		31.4	8.0	8.0	64.4	64.4	4.4	4.4	4.1	4.1	0.009	0.009	6.4	6.4	0.17	0.17	<1.0	<1.0			
	IM6	Fine	Calm	14:38	16.0	S	0.26	83	30.2	29.8	26.6	28.6	28.8	8.3	8.4	154.9	160.5	10.0	10.4	1.6	1.6	<0.001	<0.001	3.6	3.8	0.23	0.24	2.5	2.5	0.16	1.5
							0.29	124	29.3	29.8		28.9	28.8	8.4	8.4	166.0	160.5	10.8	10.4	1.5	1.6	<0.001	<0.001	4.0	3.8	0.24	0.24	2.4	2.5		
							0.57	80	26.0	26.0		32.1	32.0	8.1	8.1	81.8	82.4	5.5	5.6	0.9	0.9	<0.001	<0.001	5.0	5.2	0.13	0.13	<1.0	<1.0		
						0.57	80	26.1	26.0	32.0		32.0	8.1	8.1	83.0	82.4	5.6	5.6	0.9	0.9	<0.001	<0.001	5.4	5.2	0.13	0.13	<1.0	<1.0			
						0.68	32	23.9	23.9	33.8		33.8	8.0	8.0	61.1	60.3	4.2	4.2	5.2	5.6	<0.001	<0.001	6.8	6.6	0.10	0.10	<1.0	<1.0			
						0.66	32	23.9	23.9	33.8		33.8	8.0	8.0	59.5	60.3	4.1	4.2	5.9	5.6	<0.001	<0.001	6.4	6.6	0.10	0.10	<1.0	<1.0			
Mid-Flood	F3	Fine	Calm	8:50	17.6	S	0.48	333	27.5	27.5	25.7	29.4	29.4	8.3	8.3	125.0	125.5	8.4	8.4	0.9	1.0	<0.001	<0.001	4.2	4.4	0.18	0.18	<1.0	<1.0	0.12	<1.0
							0.32	270	27.5	27.5		29.4	29.4	8.3	8.3	126.0	125.5	8.4	8.4	1.0	1.0	<0.001	<0.001	4.6	4.4	0.17	0.18	<1.0	<1.0		
							0.22	268	25.6	25.6		33.0	33.1	8.1	8.1	80.9	80.7	5.5	5.5	0.1	0.1	<0.001	<0.001	5.0	5.2	0.06	0.07	<1.0	<1.0		
						0.34	187	25.6	25.6	33.1		33.1	8.1	8.1	80.5	80.7	5.5	5.5	0.1	0.1	<0.001	<0.001	5.3	5.2	0.07	0.07	<1.0	<1.0			
						0.19	330	23.8	23.8	33.8		33.7	8.0	8.0	58.3	57.6	4.1	4.0	7.9	8.4	<0.001	<0.001	14.3	14.1	0.10	0.11	<1.0	<1.0			
						0.19	330	23.8	23.8	33.7		33.7	8.0	8.0	56.8	57.6	4.0	4.0	7.9	8.4	<0.001	<0.001	13.9	14.1	0.11	0.11	<1.0	<1.0			
	IM6	Fine	Calm	8:34	16.0	S	0.46	303	27.6	27.6	25.7	28.3	28.2	8.2	8.2	106.1	106.8	7.2	7.2	2.8	2.7	<0.001	0.004	4.5	4.7	0.38	0.36	<1.0	<1.0	0.20	<1.0
							0.46	303	27.6	27.6		28.2	28.2	8.2	8.2	107.5	106.8	7.2	7.2	2.6	2.7	<0.001	0.007	4.8	4.7	0.34	0.36	<1.0	<1.0		
							0.21	281	25.6	25.5		32.4	32.4	8.0	8.0	69.8	70.0	4.8	4.8	3.0	2.9	<0.001	<0.001	5.6	5.4	0.14	0.14	<1.0	<1.0		
						0.21	281	25.5	25.5	32.4		32.4	8.0	8.0	70.2	70.0	4.8	4.8	2.8	2.8	<0.001	<0.001	5.2	5.4	0.14	0.14	<1.0	<1.0			
						0.51	334	24.0	24.0	33.8		33.8	8.0	8.0	60.0	59.2	4.2	4.1	6.1	6.5	<0.001	<0.001	8.8	9.0	0.09	0.10	<1.0	<1.0			
						0.51	334	24.0	24.0	33.8		33.8	8.0	8.0	58.3	59.2	4.1	4.1	6.9	6.5	<0.001	<0.001	9.2	9.0	0.10	0.10	<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: 2023/08/28

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	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
Mid-Ebb	E2	Fine	Calm	9:38	8.3	S	0.36	130	28.8	28.8	23.7	23.7	8.4	8.4	132.9	132.7	9.0	9.0	0.4	0.4	<0.001	<0.001	2.2	2.2	0.47	0.47	1.3	1.2			
							0.36	130	28.8	28.8	23.6	23.7	8.4	8.4	132.4	132.7	9.0	9.0	0.4	0.4	<0.001	<0.001	2.1	2.2	0.46	0.47	1.1	1.2			
							0.17	29	27.3	27.3	30.2	30.2	8.1	8.1	91.3	93.3	6.1	6.2	1.0	1.1	<0.001	<0.001	2.1	2.1	0.20	0.20	1.1	1.1			
						0.46	13	27.3	27.3	30.2	30.2	8.1	8.1	95.3	93.3	6.4	6.2	1.1	1.1	<0.001	<0.001	2.0	2.1	0.19	0.20	1.0	1.1				
						0.28	63	26.4	26.4	31.1	31.1	8.0	8.0	70.5	68.6	4.8	4.6	1.0	1.1	<0.001	<0.001	1.8	1.8	0.23	0.23	1.2	1.2				
						0.44	15	26.4	26.4	31.2	31.1	8.0	8.0	66.7	68.6	4.5	4.6	1.1	1.1	<0.001	<0.001	1.9	1.9	0.22	0.23	1.1	1.1				
	IM6	Fine	Calm	9:05	16.0	S	0.22	79	28.5	28.5	23.7	23.9	8.4	8.4	125.0	125.2	8.5	8.5	0.9	0.9	<0.001	<0.001	2.6	2.5	0.53	0.53	1.0	1.1			
							0.51	172	28.4	28.5	24.1	23.9	8.3	8.4	125.3	125.2	8.5	8.5	0.9	0.9	<0.001	<0.001	2.4	2.5	0.52	0.53	1.1	1.1			
							0.22	64	25.8	25.8	31.5	31.5	8.0	8.0	66.8	67.5	4.6	4.6	0.4	0.4	<0.001	<0.001	1.1	1.2	0.18	0.18	<1.0	<1.0			
						0.22	64	25.8	25.8	31.5	31.5	8.0	8.0	68.1	67.5	4.6	4.6	0.4	0.4	<0.001	<0.001	1.2	1.2	0.17	0.17	<1.0	<1.0				
						0.27	113	23.4	23.4	33.8	33.8	7.9	7.9	46.7	46.1	3.3	3.2	4.5	4.6	<0.001	<0.001	1.5	3.9	0.18	0.16	<1.0	<1.0				
						0.20	55	23.4	23.4	33.9	33.8	7.9	7.9	45.4	46.1	3.2	3.2	4.6	4.6	<0.001	<0.001	6.2	3.9	0.14	0.16	<1.0	<1.0				
Mid-Flood	F3	Fine	Calm	17:08	17.2	S	0.33	306	27.9	27.9	27.2	27.3	8.4	8.4	135.2	136.4	9.1	9.2	0.7	0.7	<0.001	0.012	2.1	2.2	0.31	0.33	1.3	1.2			
							0.32	302	27.9	27.9	27.2	27.3	8.4	8.4	137.5	136.4	9.3	9.2	0.7	0.7	0.023	0.012	2.3	2.2	0.35	0.33	1.2	1.2			
							0.15	108	26.3	26.3	30.9	30.8	8.1	8.1	74.2	74.4	5.0	5.0	1.0	1.0	<0.001	<0.001	1.2	1.4	0.20	0.21	1.2	1.2			
						0.84	23	26.3	26.3	30.8	30.8	8.1	8.1	74.5	74.4	5.1	5.0	1.0	1.0	<0.001	<0.001	1.5	1.4	0.21	0.21	1.1	1.2				
						0.32	2	23.2	23.2	33.9	33.9	7.9	7.9	45.8	45.2	3.2	3.2	6.8	6.9	<0.001	<0.001	8.9	9.1	0.13	0.14	<1.0	<1.0				
						0.38	329	23.2	23.2	33.9	33.9	7.9	7.9	44.5	45.2	3.1	3.1	7.0	7.0	<0.001	<0.001	9.3	9.1	0.14	0.14	<1.0	<1.0				
	IM6	Fine	Calm	16:54	16.0	S	0.80	255	27.7	27.7	27.0	27.4	8.3	8.3	116.7	115.8	7.9	7.8	1.1	1.1	<0.001	<0.001	1.8	1.8	0.38	0.38	1.3	1.4			
							0.49	286	27.6	27.7	27.8	27.4	8.3	8.3	114.8	115.8	7.8	7.8	1.1	1.1	<0.001	<0.001	1.8	1.8	0.37	0.38	1.4	1.4			
							0.18	223	25.3	25.3	32.0	32.0	8.0	8.0	58.7	59.9	4.0	4.1	1.5	1.5	<0.001	<0.001	2.5	2.4	0.19	0.19	<1.0	<1.0			
						0.18	223	25.3	25.3	31.9	31.9	8.0	8.0	61.0	59.9	4.2	4.1	1.4	1.4	<0.001	<0.001	2.3	2.4	0.18	0.18	<1.0	<1.0				
						0.22	246	23.4	23.4	33.8	33.8	7.9	7.9	44.9	44.3	3.2	3.1	7.2	7.5	<0.001	<0.001	8.9	9.0	0.13	0.13	<1.0	<1.0				
						0.51	333	23.4	23.4	33.7	33.7	7.9	7.9	43.7	44.3	3.1	3.1	7.7	7.5	<0.001	<0.001	9.1	9.0	0.13	0.13	<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: 2023/09/09

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	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
Mid-Ebb	E2	Rainy	Moderate	8:09	9.6	S	0.46	186	26.2	26.2	30.1	30.1	8.1	8.1	96.5	96.5	6.6	6.6	6.6	1.0	1.1	<0.001	<0.001	2.1	2.1	0.23	0.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.46	186	26.2	26.2	30.2	30.2	8.1	8.1	96.5	96.5	6.6	6.6	6.6	1.1	1.1	<0.001	<0.001	2.0	2.1	0.22	0.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.29	20	26.2	26.2	30.3	30.2	8.1	8.1	95.6	95.9	6.5	6.5	6.5	1.3	1.2	<0.001	0.001	2.1	2.0	0.21	0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.11	241	26.2	26.2	30.2	30.2	8.1	8.1	96.1	96.1	6.6	6.5	6.5	1.1	1.2	0.001	<0.001	1.8	2.0	0.20	0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.48	122	26.2	26.2	31.0	30.9	8.1	8.1	92.1	92.3	6.3	6.3	6.3	14.5	13.8	<0.001	<0.001	5.4	4.5	0.17	0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.48	122	26.2	26.2	30.9	30.9	8.1	8.1	92.4	94.9	6.3	6.3	6.3	13.0	13.0	<0.001	<0.001	3.6	0.18	0.18	0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	IM6	Rainy	Moderate	8:42	17.0	S	0.05	172	26.2	26.2	30.5	30.5	8.2	8.2	94.3	94.9	6.4	6.5	6.5	0.7	0.8	<0.001	<0.001	1.4	1.4	0.19	0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.38	216	26.2	26.2	30.5	30.5	8.2	8.2	95.5	95.5	6.5	6.5	6.5	0.8	0.8	<0.001	<0.001	1.4	1.4	0.19	0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.49	357	26.0	26.0	32.4	32.4	8.2	8.2	84.4	85.6	5.7	5.8	6.1	1.8	1.7	<0.001	<0.001	2.4	2.4	0.13	0.13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.62	158	26.0	26.0	32.3	32.4	8.2	8.2	86.8	85.6	5.9	5.8	6.1	1.5	1.7	<0.001	<0.001	2.4	2.4	0.12	0.13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.10	354	25.3	25.3	33.4	33.4	8.0	8.0	86.3	84.4	4.5	4.4	4.4	13.9	14.9	<0.001	<0.001	19.2	16.9	0.22	0.22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.10	354	25.3	25.3	33.5	33.4	8.0	8.0	82.4	82.4	4.3	4.4	4.4	15.9	14.9	<0.001	<0.001	14.5	16.9	0.22	0.22	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Mid-Flood	F3	Rainy	Moderate	20:33	16.0	S	0.61	307	26.1	26.1	30.7	30.6	8.2	8.2	98.8	98.9	6.7	6.7	6.7	0.4	0.4	<0.001	<0.001	1.2	1.3	0.16	0.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.65	278	26.1	26.1	30.6	30.6	8.2	8.2	98.9	98.9	6.7	6.7	6.7	0.4	0.4	<0.001	<0.001	1.4	1.3	0.15	0.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.16	340	26.1	26.1	32.7	32.7	8.2	8.2	92.1	94.3	6.2	6.3	6.5	0.5	0.5	<0.001	<0.001	1.2	1.1	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.16	340	26.1	26.1	32.7	32.7	8.2	8.2	96.4	94.3	6.2	6.3	6.5	0.4	0.5	<0.001	<0.001	<1.0	1.1	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.29	303	25.4	25.4	33.5	33.5	8.0	8.0	73.7	73.8	5.0	5.0	5.0	7.6	6.9	<0.001	<0.001	2.9	3.1	0.15	0.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.35	303	25.5	25.5	33.5	33.5	8.0	8.0	73.8	73.8	5.0	5.0	5.0	6.1	6.9	<0.001	<0.001	3.3	3.1	0.16	0.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
	IM6	Rainy	Moderate	20:19	15.0	S	0.23	153	26.1	26.0	30.9	30.9	8.1	8.1	92.7	93.6	6.3	6.4	6.4	1.5	1.5	<0.001	<0.001	2.3	2.4	0.16	0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.23	153	26.0	26.0	30.9	30.9	8.1	8.1	94.4	94.4	6.4	6.4	6.4	1.5	1.5	<0.001	<0.001	2.4	2.4	0.16	0.17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.46	329	25.8	25.8	32.4	32.2	8.1	8.1	76.8	78.1	5.2	5.3	5.8	6.4	6.1	<0.001	<0.001	8.3	8.7	0.16	0.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.46	329	25.8	25.8	32.0	32.2	8.1	8.1	79.3	78.1	5.4	5.3	5.8	5.7	6.1	<0.001	<0.001	9.0	8.7	0.16	0.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.35	342	25.4	25.4	33.4	33.4	8.0	8.0	74.3	73.0	5.1	5.0	5.0	11.0	10.9	<0.001	<0.001	13.8	14.4	0.18	0.18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.35	342	25.4	25.4	33.4	33.4	8.0	8.0	71.7	73.0	4.9	5.0	5.0	10.8	10.9	<0.001	<0.001	15.0	14.4	0.17	0.18	<1.0	<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: 2023/09/11

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Cloudy	Moderate	10:18	9.4	S	0.34	337	26.1	26.1	29.4	29.4	8.1	8.1	93.5	94.8	6.4	6.5	0.3	0.3	<0.001	<0.001	3.2	3.4	0.22	0.23	<1.0	<1.0	<1.0	<1.0
							0.38	81	26.1	26.1	29.4	29.4	8.1	8.1	96.1	96.1	6.6	6.5	0.3	0.3	<0.001	<0.001	3.5	3.4	0.23	0.23	<1.0	<1.0	<1.0	<1.0
							0.04	17	26.0	26.0	31.0	31.0	8.0	8.0	82.7	82.3	5.6	5.6	2.7	2.6	<0.001	0.002	4.9	4.7	0.22	0.23	<1.0	<1.0	<1.0	<1.0
							0.51	148	26.0	26.0	30.9	31.0	8.0	8.0	81.8	82.3	5.6	5.6	2.5	2.6	0.003	0.002	4.4	4.7	0.23	0.23	<1.0	<1.0	<1.0	<1.0
							0.10	311	26.1	26.1	32.5	32.5	8.1	8.1	92.5	92.1	6.2	6.2	2.5	2.7	<0.001	0.003	5.4	5.2	0.09	0.09	<1.0	<1.0	<1.0	<1.0
							0.13	344	26.1	26.1	32.5	32.5	8.1	8.1	91.6	92.1	6.2	6.2	2.8	2.7	0.004	0.003	5.0	5.0	0.08	0.08	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Moderate	9:45	17.6	S	0.54	154	26.0	26.0	30.8	30.8	8.1	8.1	90.7	90.6	6.2	6.2	0.3	0.3	<0.001	<0.001	2.8	3.1	0.28	0.28	<1.0	<1.0	<1.0	<1.0
							0.10	5	26.0	26.0	30.8	30.8	8.1	8.1	90.5	90.6	6.2	6.2	0.3	0.3	<0.001	<0.001	3.4	3.1	0.28	0.28	<1.0	<1.0	<1.0	<1.0
							0.35	142	26.0	26.0	32.9	32.9	8.1	8.1	90.4	90.4	6.1	6.1	1.6	1.5	<0.001	<0.001	4.6	4.8	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.48	36	26.0	26.0	32.9	32.9	8.1	8.1	90.4	90.4	6.1	6.1	1.4	1.5	<0.001	<0.001	5.0	4.8	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							1.17	116	26.1	26.1	33.5	33.5	8.1	8.1	91.2	91.1	6.1	6.1	11.9	11.4	<0.001	<0.001	13.9	14.1	0.05	0.05	<1.0	<1.0	<1.0	<1.0
							1.17	116	26.1	26.1	33.5	33.5	8.1	8.1	91.0	91.1	6.1	6.1	10.8	11.4	<0.001	<0.001	14.2	14.1	0.04	0.05	<1.0	<1.0	<1.0	<1.0
Mid-Flood	F3	Rainy	Rough	17:15	17.1	S	0.51	261	26.3	26.3	30.3	30.3	8.1	8.1	95.6	96.4	6.5	6.6	0.4	0.4	<0.001	<0.001	2.2	2.4	0.22	0.21	<1.0	<1.0	<1.0	<1.0
							0.17	290	26.3	26.3	30.3	30.3	8.1	8.1	97.1	96.4	6.6	6.6	0.4	0.4	<0.001	<0.001	2.5	2.4	0.20	0.21	<1.0	<1.0	<1.0	<1.0
							0.11	48	26.0	26.0	31.8	31.6	8.1	8.1	87.9	88.4	6.0	6.0	1.1	1.2	<0.001	<0.001	3.6	3.7	0.15	0.16	<1.0	<1.0	<1.0	<1.0
							0.31	251	26.0	26.0	31.3	31.6	8.1	8.1	88.8	88.4	6.0	6.0	1.1	1.2	<0.001	<0.001	3.8	3.7	0.16	0.16	<1.0	<1.0	<1.0	<1.0
							0.68	302	26.1	26.1	33.3	33.3	8.1	8.1	88.4	88.3	5.9	5.9	10.5	9.8	<0.001	<0.001	11.2	11.0	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.48	341	26.1	26.1	33.3	33.3	8.1	8.1	88.1	88.3	5.9	5.9	9.1	9.8	<0.001	<0.001	10.8	11.0	0.06	0.07	<1.0	<1.0	<1.0	<1.0
	IM6	Rainy	Rough	17:01	16.1	S	0.45	78	26.3	26.3	28.3	28.3	8.1	8.1	95.1	95.5	6.6	6.6	1.0	1.1	<0.001	<0.001	4.3	4.2	0.36	0.36	<1.0	<1.0	<1.0	<1.0
							0.45	78	26.3	26.3	28.4	28.3	8.1	8.1	95.8	95.5	6.6	6.6	1.1	1.1	<0.001	<0.001	4.1	4.2	0.36	0.36	<1.0	<1.0	<1.0	<1.0
							0.79	193	26.1	26.1	30.5	30.5	8.1	8.1	90.8	91.2	6.2	6.2	1.0	1.1	<0.001	<0.001	5.4	5.2	0.22	0.23	<1.0	<1.0	<1.0	<1.0
							0.79	193	26.1	26.1	30.5	30.5	8.1	8.1	91.6	91.2	6.2	6.2	1.2	1.1	<0.001	<0.001	4.9	5.2	0.23	0.23	<1.0	<1.0	<1.0	<1.0
							0.69	170	26.0	26.0	32.6	32.6	8.1	8.1	90.6	89.7	6.1	6.1	16.8	17.1	<0.001	<0.001	23.7	22.9	0.09	0.10	<1.0	<1.0	<1.0	<1.0
							0.69	170	26.0	26.0	32.7	32.7	8.1	8.1	88.8	89.7	6.0	6.0	17.4	17.1	<0.001	<0.001	22.0	22.9	0.11	0.10	<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: 2023/09/20

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*	Value
Mid-Ebb	E2	Fine	Calm	14:58	9.1	S	0.30	36	29.6	29.5	28.2	27.4	27.5	8.5	8.5	167.0	169.7	10.9	11.1	2.9	2.7	<0.001	<0.001	5.9	5.8	0.28	0.28	1.5	1.7		
							0.06	145	29.5	27.5		8.5	8.5	172.4	171.3	2.5	2.5	<0.001	<0.001	5.6	5.8	0.27	0.28	1.9	1.7						
							0.54	348	27.8	27.8		8.3	8.3	124.8	127.7	8.3	8.5	<0.001	<0.001	7.9	8.1	0.22	0.21	1.1	1.1						
						0.43	346	27.8	27.8	8.3		8.3	130.6	127.7	8.7	8.5	<0.001	<0.001	3.5	3.5	0.20	0.21	1.0	1.1							
						0.58	320	27.2	27.2	30.8		30.8	8.1	8.1	90.1	88.7	6.0	5.9	5.9	5.9	10.0	9.8	<0.001	<0.001	14.5	14.7	0.23	0.23	<1.0	<1.0	
						0.58	320	27.2	27.2	30.8		30.8	8.1	8.1	87.3	88.7	5.8	5.9	5.9	5.9	10.0	9.8	<0.001	<0.001	14.9	14.7	0.22	0.23	<1.0	<1.0	
	IM6	Fine	Calm	14:26	16.8	S	0.32	357	28.9	28.9	27.3	25.7	25.7	8.5	8.5	144.6	150.6	9.7	10.1	2.9	2.9	<0.001	<0.001	4.4	4.6	0.36	0.35	2.1	2.1		
							0.03	109	26.6	26.6		25.7	25.7	8.5	8.5	156.6	150.6	10.5	10.1	7.9	7.9	3.1	3.1	<0.001	<0.001	4.8	4.6	0.34	0.35	2.0	2.1
							0.15	349	26.6	26.6		32.3	32.3	8.2	8.2	86.6	86.8	5.8	5.8	5.8	5.8	3.1	3.1	<0.001	<0.001	5.5	5.4	0.12	0.11	<1.0	<1.0
						0.26	101	26.4	26.4	33.1		33.1	8.1	8.1	79.2	79.1	5.3	5.3	5.3	5.3	5.5	5.3	<0.001	<0.001	6.8	6.6	0.07	0.08	<1.0	<1.0	
						0.17	214	26.4	26.4	33.1		33.1	8.1	8.1	79.0	79.1	5.3	5.3	5.1	5.3	5.1	5.3	<0.001	<0.001	6.4	6.6	0.09	0.08	<1.0	<1.0	
						0.16	261	28.0	28.0	26.9		27.0	8.4	8.4	124.9	127.9	8.4	8.6	7.1	7.1	2.4	2.4	<0.001	<0.001	4.6	4.5	0.35	0.36	<1.0	<1.0	
Mid-Flood	F3	Fine	Calm	9:10	18.0	M	0.12	202	26.6	26.6	27.0	32.2	32.3	8.2	8.2	83.9	83.8	5.6	5.6	2.3	2.3	<0.001	<0.001	5.2	5.4	0.14	0.13	0.19	0.19		
							0.37	260	26.6	26.6		32.4	32.3	8.2	8.2	83.6	83.8	5.6	5.6	2.3	2.3	0.003	0.002	5.6	5.4	0.11	0.13	<1.0	<1.0		
							0.31	296	26.4	26.4		33.2	33.2	8.2	8.2	81.6	80.9	5.5	5.4	5.4	5.4	6.6	6.6	<0.001	<0.001	9.5	9.3	0.08	0.08	<1.0	<1.0
						0.31	296	26.4	26.4	33.2		33.2	8.2	8.2	80.2	80.9	5.4	5.4	6.8	6.8	6.8	6.8	<0.001	<0.001	9.1	9.3	0.08	0.08	<1.0	<1.0	
						0.35	315	28.2	28.1	25.8		25.8	8.5	8.5	127.2	130.4	8.6	8.8	7.6	7.6	2.1	2.1	<0.001	<0.001	4.7	4.6	0.39	0.40	<1.0	<1.0	
						0.35	315	28.1	28.1	25.8		25.8	8.5	8.5	133.6	130.4	9.0	8.8	7.6	7.6	2.1	2.1	0.002	0.002	4.4	4.6	0.41	0.40	<1.0	<1.0	
	IM6	Fine	Calm	8:40	16.4	M	0.08	220	27.1	27.1	27.2	30.7	30.7	8.2	8.2	94.5	94.3	6.3	6.3	3.9	3.9	<0.001	<0.001	5.3	5.4	0.19	0.21	0.24	0.24		
							0.53	183	27.1	27.1		30.8	30.7	8.2	8.2	94.1	94.3	6.3	6.3	3.9	3.9	<0.001	<0.001	5.5	5.4	0.22	0.21	<1.0	<1.0		
							0.26	327	26.5	26.5		32.9	32.9	8.2	8.2	83.9	82.3	5.6	5.5	5.5	5.5	11.0	10.5	<0.001	<0.001	13.9	13.7	0.12	0.11	<1.0	<1.0
						0.56	334	26.5	26.5	32.9		32.9	8.2	8.2	80.6	82.3	5.4	5.5	5.5	5.5	10.0	10.5	<0.001	<0.001	13.4	13.7	0.09	0.09	<1.0	<1.0	
						0.56	334	26.5	26.5	32.9		32.9	8.2	8.2	80.6	82.3	5.4	5.5	5.5	5.5	10.0	10.5	<0.001	<0.001	13.4	13.7	0.09	0.09	<1.0	<1.0	
						0.56	334	26.5	26.5	32.9		32.9	8.2	8.2	80.6	82.3	5.4	5.5	5.5	5.5	10.0	10.5	<0.001	<0.001	13.4	13.7	0.09	0.09	<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: 2023/09/26

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
Mid-Ebb	E2	Fine	Moderate	9:12	9.3	S	0.52	357	28.7	28.7	28.3	29.3	29.3	8.4	8.4	102.2	103.0	6.7	6.8	1.0	1.0	<0.001	<0.001	3.1	3.0	0.18	0.18	<1.0	<1.0	<1.0	<1.0
							0.52	357	28.7	28.7		29.3	29.3	8.4	8.4	103.7	103.0	6.8	6.8	1.0	1.0	<0.001	<0.001	2.8	3.0	0.18	0.18	<1.0	<1.0	<1.0	<1.0
							0.20	74	28.4	28.5		29.8	29.7	8.3	8.3	90.7	93.4	6.0	6.2	2.1	1.8	<0.001	<0.001	5.5	5.3	0.18	0.18	<1.0	<1.0	<1.0	<1.0
						0.76	119	28.5	28.5	29.6		29.7	8.3	8.3	96.1	93.4	6.3	6.2	1.4	1.8	<0.001	<0.001	5.0	5.3	0.18	0.18	<1.0	<1.0	<1.0	<1.0	
						0.41	120	27.9	27.9	31.8		31.8	8.2	8.2	86.0	84.1	5.7	5.5	9.2	10.0	<0.001	<0.001	11.9	12.1	0.13	0.13	<1.0	<1.0	<1.0	<1.0	
						0.35	46	27.9	27.9	31.8		31.8	8.2	8.2	82.1	84.1	5.4	5.5	10.7	10.7	<0.001	<0.001	12.3	12.1	0.12	0.12	<1.0	<1.0	<1.0	<1.0	
	IM6	Fine	Moderate	8:39	17.2	S	0.32	267	28.2	28.2	28.1	30.9	30.9	8.3	8.3	102.8	103.1	6.8	6.8	0.1	0.1	<0.001	<0.001	1.9	1.8	0.11	0.12	<1.0	<1.0	<1.0	<1.0
							0.32	267	28.2	28.2		30.8	30.9	8.3	8.3	103.4	103.1	6.8	6.8	0.1	0.1	<0.001	<0.001	1.6	1.8	0.12	0.12	<1.0	<1.0	<1.0	<1.0
							0.20	0	28.2	28.2		32.2	32.2	8.3	8.3	99.1	99.5	6.5	6.5	0.7	0.8	<0.001	<0.001	2.2	2.3	0.04	0.04	<1.0	<1.0	<1.0	<1.0
						0.03	33	28.2	28.2	32.2		32.2	8.3	8.3	99.9	99.5	6.5	6.5	0.8	0.8	<0.001	<0.001	2.4	2.3	0.03	0.04	<1.0	<1.0	<1.0	<1.0	
						1.06	131	28.0	28.0	32.3		32.3	8.2	8.2	92.1	89.7	6.0	5.9	5.4	6.5	<0.001	<0.001	8.0	7.8	0.08	0.07	<1.0	<1.0	<1.0	<1.0	
						0.59	146	27.9	28.0	32.4		32.3	8.2	8.2	87.2	89.7	5.7	5.9	7.5	6.5	<0.001	<0.001	7.6	7.8	0.06	0.07	<1.0	<1.0	<1.0	<1.0	
Mid-Flood	F3	Fine	Rough	16:33	17.2	S	0.47	271	28.9	28.9	28.5	30.2	30.2	8.4	8.4	112.1	113.0	7.3	7.4	0.7	0.7	<0.001	<0.001	2.3	2.4	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							0.33	302	28.9	28.9		30.2	30.2	8.4	8.4	113.8	113.0	7.4	7.4	0.6	0.6	<0.001	<0.001	2.5	2.4	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							0.45	318	28.4	28.4		31.5	31.4	8.3	8.3	100.8	103.6	6.6	6.8	1.9	1.9	<0.001	0.002	3.5	3.3	0.06	0.06	<1.0	<1.0	<1.0	<1.0
						0.40	193	28.4	28.4	31.4		31.4	8.3	8.3	106.3	103.6	6.9	6.8	1.9	1.9	0.003	0.002	3.1	3.3	0.06	0.06	<1.0	<1.0	<1.0	<1.0	
						0.70	294	28.2	28.2	32.4		32.4	8.3	8.3	99.9	99.5	6.5	6.5	7.7	7.9	<0.001	0.002	5.8	6.0	0.02	0.04	<1.0	<1.0	<1.0	<1.0	
						0.70	294	28.2	28.2	32.4		32.4	8.3	8.3	99.0	99.5	6.5	6.5	8.1	7.9	0.003	0.002	6.2	6.0	0.05	0.04	<1.0	<1.0	<1.0	<1.0	
	IM6	Fine	Rough	16:20	16.0	S	0.29	113	28.7	28.7	28.4	30.2	30.2	8.4	8.4	105.3	106.7	6.9	7.0	1.0	1.0	<0.001	<0.001	2.6	2.8	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							0.19	308	28.7	28.7		30.2	30.2	8.4	8.4	108.0	106.7	7.1	7.0	0.9	1.0	<0.001	<0.001	2.9	2.8	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							0.81	206	28.3	28.3		32.0	32.0	8.3	8.3	98.5	98.6	6.4	6.4	5.0	4.8	<0.001	0.001	6.9	7.2	0.06	0.06	<1.0	<1.0	<1.0	<1.0
						0.51	248	28.3	28.3	32.0		32.0	8.3	8.3	98.6	98.6	6.4	6.4	4.5	4.8	0.001	0.001	7.4	7.2	0.06	0.06	<1.0	<1.0	<1.0	<1.0	
						0.58	224	28.3	28.3	32.2		32.2	8.3	8.3	99.6	99.1	6.5	6.5	13.8	12.9	<0.001	<0.001	17.5	17.2	0.04	0.05	<1.0	<1.0	<1.0	<1.0	
						0.58	224	28.3	28.3	32.2		32.2	8.3	8.3	98.6	99.1	6.4	6.5	11.9	12.9	<0.001	<0.001	16.8	17.2	0.05	0.05	<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: 2023/10/03

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	Fine	Calm	14:34	9.4	S	0.15	100	29.9	30.0	29.3	30.9	30.8	8.2	8.2	114.7	118.5	7.3	7.6	3.2	3.0	7.2	<0.001	<0.001	9.6	4.8	4.6	0.13	0.13	0.13	<1.0	<1.0	
							0.15	100	30.1	30.0		30.8	30.8	8.2	8.2	122.2	118.5	7.8	7.6	2.8	3.0		<0.001	<0.001		4.3	4.6		0.13		0.13	<1.0	<1.0
							0.22	83	29.0	29.0		31.3	31.2	8.1	8.1	92.7	93.0	6.0	6.0	9.7	9.1		<0.001	<0.001		11.8	11.7		0.14		0.14	<1.0	<1.0
						0.22	83	29.1	29.0	31.2		31.2	8.1	8.1	93.2	93.0	6.0	6.0	8.5	9.1	<0.001		<0.001	11.5		11.7	0.13		0.14		<1.0	<1.0	
						0.40	92	28.9	28.9	31.5		31.4	8.1	8.1	92.3	91.5	6.0	5.9	9.4	9.6	<0.001		<0.001	12.3		12.5	0.13		0.14		<1.0	<1.0	
						0.17	59	28.9	28.9	31.4		31.7	8.1	8.1	90.6	91.5	5.9	5.9	9.7	9.6	<0.001		<0.001	12.7		12.5	0.14		0.14		<1.0	<1.0	
	IM6	Fine	Calm	14:03	17.0	S	0.11	268	29.0	29.1	28.9	31.9	31.7	8.1	8.1	100.8	101.1	6.5	6.5	3.1	3.0	4.2	<0.001	<0.001	6.0	4.7	4.6	0.08	0.09	0.04	<1.0	<1.0	
							0.17	122	29.2	29.1		31.4	31.7	8.1	8.1	101.3	101.1	6.5	6.5	2.9	3.0		<0.001	<0.001		4.4	4.6		0.10		0.09	<1.0	<1.0
							0.20	297	28.9	28.9		32.7	32.7	8.1	8.1	98.8	98.9	6.4	6.4	4.3	4.3		<0.001	<0.001		6.4	6.3		<0.02		<0.02	<1.0	<1.0
						0.20	297	28.9	28.9	32.7		32.7	8.1	8.1	99.0	98.9	6.4	6.4	4.3	4.3	<0.001		<0.001	6.1		6.3	<0.02		<0.02		<1.0	<1.0	
						0.16	288	28.8	28.8	32.8		32.8	8.1	8.1	97.9	97.7	6.3	6.3	5.3	5.3	<0.001		<0.001	7.1		7.3	<0.02		<0.02		<1.0	<1.0	
						0.16	288	28.9	28.8	32.8		32.8	8.1	8.1	97.4	97.7	6.3	6.3	5.3	5.3	<0.001		<0.001	7.5		7.3	<0.02		<0.02		<1.0	<1.0	
Mid-Flood	F3	Cloudy	Moderate	8:23	18.0	S	0.74	258	29.0	29.0	28.9	31.1	31.1	8.1	8.1	101.7	101.9	6.6	6.6	3.8	3.9	4.0	<0.001	<0.001	8.6	5.9	6.0	0.12	0.12	0.05	<1.0	<1.0	
							0.31	217	28.9	28.9		32.8	32.8	8.1	8.1	102.4	102.5	6.6	6.6	3.9	3.9		<0.001	<0.001		6.1	6.0		0.11		0.12	<1.0	<1.0
							0.42	237	28.9	28.9		32.8	32.8	8.1	8.1	102.6	102.5	6.6	6.6	1.7	1.8		<0.001	<0.001		7.5	7.3		0.03		0.03	<1.0	<1.0
						0.17	280	28.9	28.9	32.8		31.1	8.1	8.1	101.4	101.5	6.5	6.5	6.9	6.4	<0.001		<0.001	7.1		7.3	<0.02		<0.02		<1.0	<1.0	
						0.64	292	28.9	28.9	32.8		31.1	8.1	8.1	101.6	101.5	6.5	6.5	5.9	6.4	<0.001		<0.001	12.1		12.4	<0.02		<0.02		<1.0	<1.0	
						0.34	309	28.8	28.8	31.6		31.6	8.1	8.1	98.6	98.5	6.4	6.4	1.6	1.6	<0.001		<0.001	3.4		3.6	0.13		0.13		<1.0	<1.0	
	IM6	Fine	Calm	8:08	16.5	M	0.09	197	28.9	28.9	28.9	32.4	32.4	8.1	8.1	100.2	100.2	6.5	6.5	2.2	2.0	3.5	<0.001	<0.001	5.8	4.4	4.3	0.06	0.06	0.07	<1.0	<1.0	
							0.09	197	28.9	28.9		32.4	32.4	8.1	8.1	100.2	100.2	6.5	6.5	2.0	2.0		<0.001	<0.001		3.8	3.6		0.13		0.13	<1.0	<1.0
							0.21	98	28.9	28.9		32.8	32.8	8.1	8.1	101.0	100.7	6.5	6.5	6.5	6.9		<0.001	<0.001		8.6	9.4		<0.02		<0.02	<1.0	<1.0
						0.21	98	28.9	28.9	32.8		32.8	8.1	8.1	100.3	100.7	6.4	6.5	7.2	6.9	<0.001		<0.001	9.2		9.4	<0.02		<0.02		<1.0	<1.0	
						0.09	197	28.9	28.9	32.4		32.4	8.1	8.1	100.2	100.2	6.5	6.5	2.2	2.0	<0.001		<0.001	4.4		4.3	0.06		0.06		<1.0	<1.0	
						0.21	98	28.9	28.9	32.8		32.8	8.1	8.1	101.0	100.7	6.5	6.5	6.5	6.9	<0.001		<0.001	8.6		9.4	<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: 2023/10/12

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Fine	Moderate	10:09	9.7	S	0.2	60	27.3	27.3	31.3	31.3	8.1	8.1	93.3	93.9	6.2	6.2	3.7	3.6	<0.001	<0.001	4.9	4.9	0.07	0.07	<1.0	<1.0		
							0.4	233	27.3	27.3	31.3	31.3	8.1	8.1	94.5	94.5	6.3	6.2	3.5	3.6	<0.001	<0.001	4.8	4.9	0.07	0.07	<1.0	<1.0		
							0.2	118	27.2	27.2	31.4	31.4	8.1	8.1	91.2	91.5	6.1	6.1	4.6	4.6	<0.001	<0.001	4.2	4.6	0.06	0.06	<1.0	<1.0		
							0.1	344	27.2	27.2	31.4	31.4	8.1	8.1	91.7	91.5	6.1	6.1	4.6	4.6	<0.001	<0.001	5.0	4.6	0.05	0.06	<1.0	<1.0		
							0.5	342	27.3	27.3	31.6	31.6	8.0	8.0	90.2	89.8	6.0	6.0	22.1	22.0	<0.001	<0.001	30.9	23.7	0.06	0.06	<1.0	<1.0		
							0.5	342	27.3	27.3	31.6	31.6	8.0	8.0	89.4	89.4	5.9	5.9	21.9	21.9	<0.001	<0.001	16.5	16.5	0.05	0.05	<1.0	<1.0		
	IM6	Fine	Moderate	10:43	17.3	S	0.2	167	27.1	27.1	31.4	31.4	7.9	7.9	97.6	97.8	6.5	6.5	1.3	1.4	<0.001	<0.001	3.6	2.8	0.05	0.05	<1.0	<1.0		
							0.2	167	27.1	27.1	31.4	31.4	7.9	7.9	94.9	94.9	6.3	6.3	3.6	3.4	<0.001	<0.001	1.9	2.8	0.04	0.05	<1.0	<1.0		
							0.2	82	27.3	27.3	32.2	32.2	7.9	7.9	94.9	94.9	6.3	6.3	3.2	3.4	<0.001	<0.001	4.0	3.7	0.03	0.03	<1.0	<1.0		
							0.0	8	27.3	27.3	32.2	32.2	7.9	7.9	94.9	94.9	6.3	6.3	3.2	3.4	<0.001	<0.001	3.3	3.7	0.03	0.03	<1.0	<1.0		
							0.2	352	27.3	27.3	32.3	32.3	7.9	7.9	95.5	95.2	6.3	6.3	9.3	9.3	<0.001	<0.001	13.4	12.7	0.05	0.04	<1.0	<1.0		
							0.3	343	27.3	27.3	32.3	32.3	7.9	7.9	94.9	94.9	6.3	6.3	9.2	9.3	<0.001	<0.001	12.0	12.7	0.03	0.04	<1.0	<1.0		
Mid-Flood	F3	Cloudy	Rough	16:40	17.9	S	0.81	240	27.5	27.5	31.5	31.5	8.0	8.0	104.0	105.1	6.9	7.0	1.5	1.4	<0.001	<0.001	3.4	3.1	0.03	0.03	<1.0	<1.0		
							0.15	116	27.2	27.2	32.2	32.2	8.0	8.0	95.4	95.0	6.3	6.3	4.8	4.9	<0.001	<0.001	2.7	3.1	0.03	0.03	<1.0	<1.0		
							0.18	221	27.2	27.2	32.2	32.2	8.0	8.0	94.6	95.0	6.3	6.3	4.9	4.9	<0.001	<0.001	4.0	4.0	0.03	0.03	<1.0	<1.0		
							0.96	328	27.2	27.2	32.3	32.3	8.0	8.0	95.3	94.7	6.3	6.3	13.7	13.8	<0.001	<0.001	3.9	4.0	0.02	0.03	<1.0	<1.0		
							0.96	329	27.2	27.2	32.3	32.3	8.0	8.0	94.1	94.7	6.2	6.3	13.8	13.8	<0.001	<0.001	25.1	22.6	0.04	0.04	<1.0	<1.0		
							0.79	240	27.4	27.4	31.7	31.7	8.0	8.0	103.5	103.7	6.9	6.9	1.8	1.8	<0.001	<0.001	2.6	2.7	0.03	0.03	<1.0	<1.0		
	IM6	Cloudy	Rough	16:55	16.7	M	0.20	213	27.4	27.4	31.8	31.8	7.9	7.9	100.2	100.9	6.6	6.5	2.8	2.7	<0.001	<0.001	5.4	4.7	0.03	0.03	<1.0	<1.0		
							0.40	1	27.4	27.4	31.8	31.8	7.9	7.9	101.5	101.5	6.7	6.5	2.6	2.6	<0.001	<0.001	4.0	4.7	0.03	0.03	<1.0	<1.0		
							0.13	181	27.2	27.2	32.2	32.2	7.9	7.9	96.5	95.7	6.4	6.4	18.3	17.7	<0.001	<0.001	16.0	16.8	0.03	0.04	<1.0	<1.0		
							0.06	238	27.2	27.2	32.2	32.2	7.9	7.9	94.9	94.9	6.3	6.3	17.1	17.7	<0.001	<0.001	17.6	16.8	0.04	0.04	<1.0	<1.0		
							0.20	213	27.4	27.4	31.8	31.8	7.9	7.9	100.2	100.9	6.6	6.5	2.8	2.7	<0.001	<0.001	5.4	4.7	0.03	0.03	<1.0	<1.0		
							0.40	1	27.4	27.4	31.8	31.8	7.9	7.9	101.5	101.5	6.7	6.5	2.6	2.6	<0.001	<0.001	4.0	4.7	0.03	0.03	<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: 2023/10/19

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Cloudy	Rough	14:31	9.0	S	0.75	79	26.6	26.6	31.7	31.7	8.0	8.0	91.8	91.8	6.2	6.2	11.0	11.0	<0.001	<0.001	18.1	17.8	0.11	0.12	<1.0	<1.0	<1.0	<1.0
							0.75	79	26.6	26.6	31.7	31.7	8.0	8.0	91.8	91.8	6.2	6.2	11.0	11.0	<0.001	<0.001	17.5	17.8	0.12	0.12	<1.0	<1.0	<1.0	<1.0
							0.42	179	26.5	26.5	31.7	31.7	8.0	8.0	92.5	92.2	6.2	6.2	11.6	11.6	<0.001	<0.001	15.1	15.3	0.12	0.12	<1.0	<1.0	<1.0	<1.0
							0.24	292	26.5	26.5	31.7	31.7	8.0	8.0	91.8	91.8	6.2	6.2	11.5	11.6	<0.001	<0.001	15.0	15.0	0.12	0.12	<1.0	<1.0	<1.0	<1.0
							0.08	280	26.5	26.5	31.7	31.7	8.0	8.0	95.4	94.4	6.4	6.3	12.6	12.6	<0.001	<0.001	14.9	15.0	0.12	0.12	<1.0	<1.0	<1.0	<1.0
							0.29	238	26.5	26.5	31.7	31.7	8.0	8.0	93.4	94.2	6.3	6.3	12.6	12.6	<0.001	<0.001	14.9	15.0	0.11	0.11	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Rough	14:00	17.6	S	0.46	263	26.5	26.5	32.3	32.3	7.9	7.9	94.5	94.5	6.3	6.3	7.2	7.2	<0.001	<0.001	8.4	8.9	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.36	347	26.5	26.5	32.3	32.3	7.9	7.9	94.5	94.5	6.3	6.3	7.1	7.1	<0.001	<0.001	9.4	9.8	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.41	278	26.5	26.5	32.3	32.3	7.9	7.9	94.1	94.2	6.3	6.3	7.7	7.6	<0.001	<0.001	10.0	9.8	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.41	229	26.5	26.5	32.3	32.3	7.9	7.9	94.3	94.3	6.3	6.3	7.4	7.4	<0.001	<0.001	9.6	9.6	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.61	352	26.5	26.5	32.4	32.4	7.9	7.9	94.4	94.3	6.3	6.3	17.0	16.0	<0.001	<0.001	20.1	26.0	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.61	352	26.5	26.5	32.4	32.4	7.9	7.9	94.2	94.2	6.3	6.3	14.9	14.9	<0.001	<0.001	21.9	26.0	0.06	0.06	<1.0	<1.0	<1.0	<1.0
Mid-Flood	F3	Rainy	Rough	9:04	17.8	S	0.72	229	26.5	26.5	32.3	32.3	8.1	8.1	95.1	95.0	6.4	6.4	6.3	6.3	<0.001	0.005	8.2	8.1	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							1.08	260	26.5	26.5	32.3	32.3	8.1	8.1	94.9	94.9	6.4	6.4	6.3	6.3	<0.001	<0.001	6.8	7.2	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.86	298	26.5	26.5	32.3	32.3	8.1	8.1	95.4	95.4	6.4	6.4	6.7	6.6	<0.001	<0.001	7.6	7.2	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							1.36	265	26.5	26.5	32.3	32.3	8.1	8.1	95.3	95.4	6.4	6.4	6.5	6.6	<0.001	<0.001	32.5	35.0	0.05	0.05	<1.0	<1.0	<1.0	<1.0
							1.23	246	26.4	26.4	32.6	32.6	8.1	8.1	95.8	95.7	6.4	6.4	19.9	19.4	<0.001	<0.001	37.4	35.0	0.05	0.05	<1.0	<1.0	<1.0	<1.0
							1.23	246	26.4	26.4	32.6	32.6	8.1	8.1	95.5	95.7	6.4	6.4	18.8	19.4	<0.001	<0.001	37.4	35.0	0.05	0.05	<1.0	<1.0	<1.0	<1.0
	IM6	Rainy	Rough	8:47	16.2	S	0.48	87	26.5	26.5	32.3	32.3	8.0	8.0	94.6	94.7	6.3	6.4	9.4	9.3	<0.001	<0.001	9.6	9.9	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.48	87	26.5	26.5	32.3	32.3	8.0	8.0	94.8	94.7	6.4	6.4	9.2	9.2	<0.001	<0.001	10.1	10.1	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.40	254	26.5	26.5	32.3	32.3	8.0	8.0	94.3	94.4	6.3	6.3	8.9	8.9	<0.001	<0.001	11.9	12.1	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.40	254	26.5	26.5	32.3	32.3	8.0	8.0	94.5	94.5	6.3	6.3	8.9	8.9	<0.001	<0.001	12.2	12.2	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.06	58	26.5	26.5	32.3	32.3	8.0	8.0	94.8	94.7	6.4	6.4	13.4	12.7	<0.001	0.003	16.4	16.6	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.59	394	26.5	26.5	32.3	32.3	8.0	8.0	94.6	94.6	6.4	6.4	11.9	11.9	0.005	0.005	16.8	16.6	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: 2023/10/26

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	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average		
Mid-Ebb	E2	Fine	Moderate	9:47	9.4	S	0.26	109	26.2	26.2	32.2	32.2	8.0	8.0	97.6	97.7	6.6	6.6	1.9	1.9	<0.001	<0.001	2.6	2.5	0.15	0.15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
							0.26	109	26.2	26.2	32.2	32.2	8.0	8.0	97.8	97.7	6.6	6.6	1.9	1.9	<0.001	<0.001	2.4	2.5	0.15	0.15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.13	201	26.2	26.2	32.2	32.2	8.0	8.0	96.7	97.2	6.5	6.5	2.0	2.0	<0.001	0.003	3.0	3.3	0.16	0.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.45	95	26.2	26.2	32.2	32.2	8.0	8.0	97.6	97.2	6.6	6.6	2.0	2.0	0.004	0.003	3.5	3.3	0.15	0.15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.76	141	26.2	26.2	32.3	32.3	8.0	8.0	96.7	96.4	6.5	6.5	3.9	3.9	<0.001	0.001	5.6	5.8	0.15	0.15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.22	112	26.2	26.0	32.3	32.3	8.0	8.0	96.1	96.4	6.5	6.5	3.9	3.9	0.001	0.001	5.9	5.8	0.15	0.15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	IM6	Fine	Moderate	9:14	17.5	M	0.32	227	26.0	26.0	32.6	32.6	7.9	7.9	99.5	99.5	6.7	6.7	1.5	1.5	<0.001	<0.001	2.1	2.2	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.27	317	26.0	26.0	32.6	32.6	7.9	7.9	98.5	98.4	6.6	6.6	1.8	1.8	<0.001	0.005	2.2	2.3	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.24	65	26.0	26.0	32.7	32.7	7.9	7.9	98.3	98.4	6.6	6.6	1.8	1.8	<0.001	0.001	2.3	2.3	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.22	333	26.0	26.0	32.7	32.7	7.9	7.9	98.9	98.9	6.7	6.7	3.5	3.5	<0.001	<0.001	3.5	3.8	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.22	333	26.0	26.0	32.7	32.7	7.9	7.9	98.9	98.9	6.7	6.7	3.5	3.5	<0.001	<0.001	4.0	3.8	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.84	271	26.4	26.4	32.4	32.4	8.0	8.0	102.6	102.9	6.9	6.9	1.0	1.0	<0.001	0.002	2.3	2.2	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Mid-Flood	F3	Fine	Moderate	16:10	17.8	S	1.03	279	26.4	26.4	32.4	32.4	8.0	8.0	102.6	102.9	6.9	6.9	1.0	1.0	<0.001	0.002	2.3	2.2	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
							0.41	316	26.1	26.1	32.6	32.6	8.0	8.0	97.4	97.7	6.6	6.6	1.6	1.6	<0.001	<0.001	2.7	2.8	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.36	222	26.1	26.1	32.6	32.6	8.0	8.0	97.9	97.7	6.6	6.6	1.5	1.6	<0.001	<0.001	2.9	2.8	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.12	176	26.0	26.0	32.6	32.6	8.0	8.0	96.0	96.0	6.5	6.5	3.7	3.7	<0.001	0.005	4.9	5.0	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.56	253	26.0	26.0	32.6	32.6	8.0	8.0	96.0	96.0	6.5	6.5	3.7	3.7	0.008	0.005	5.1	5.0	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.73	342	26.4	26.4	32.5	32.5	7.9	7.9	99.9	100.0	6.7	6.7	1.7	1.8	<0.001	<0.001	2.1	2.2	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
	IM6	Fine	Moderate	15:56	16.4	M	0.37	6	26.4	26.4	32.5	32.5	7.9	7.9	100.1	100.0	6.7	6.7	1.8	1.8	<0.001	<0.001	2.2	2.2	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
							0.36	222	26.3	26.3	32.5	32.5	7.9	7.9	98.9	99.0	6.7	6.7	2.1	2.3	<0.001	<0.001	2.6	2.7	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
							0.36	222	26.3	26.3	32.5	32.5	7.9	7.9	99.1	99.1	6.7	6.7	2.4	2.3	<0.001	<0.001	2.8	2.7	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.12	168	26.2	26.2	32.5	32.5	7.9	7.9	99.6	99.3	6.7	6.7	3.7	3.8	<0.001	<0.001	4.5	4.4	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.49	281	26.2	26.2	32.5	32.5	7.9	7.9	98.9	98.9	6.7	6.7	3.8	3.8	<0.001	<0.001	4.2	4.4	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.49	281	26.2	26.2	32.5	32.5	7.9	7.9	98.9	98.9	6.7	6.7	3.8	3.8	<0.001	<0.001	4.2	4.4	0.09	0.09	<1.0	<1.0	<1.0	<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: 2023/11/01

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	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Fine	Rough	14:00	9.5	S	0.08	167	26.5	26.5	26.4	DA	32.1	32.1	8.1	8.1	116.1	116.7	7.9	7.8	3.3	3.3	<0.001	<0.001	7.2	7.3	0.11	0.11	<1.0	<1.0
							0.08	167	26.5	26.5			32.1	32.1	8.1	8.1	117.2	117.2	7.9	7.8	3.3	3.3	<0.001	<0.001	7.4	7.3	0.11	0.11	<1.0	<1.0
							0.04	106	26.4	26.4			32.1	32.1	8.0	8.0	110.5	111.2	7.4	7.5	4.1	4.1	<0.001	0.003	8.2	8.4	0.11	0.11	<1.0	<1.0
							0.31	160	26.4	26.4			32.1	32.1	8.1	8.0	111.9	111.2	7.5	7.5	4.0	4.1	0.004	0.003	8.6	8.4	0.11	0.11	<1.0	<1.0
							0.05	140	26.3	26.3			32.1	32.1	8.0	8.0	105.5	106.0	7.1	7.1	21.6	21.5	<0.001	<0.001	30.5	33.0	0.15	0.15	<1.0	<1.0
							0.05	140	26.3	26.3			32.1	32.1	8.0	8.0	106.5	106.0	7.2	7.2	21.4	21.4	<0.001	<0.001	35.4	33.0	0.15	0.15	<1.0	<1.0
	IM6	Fine	Rough	13:25	16.9	S	0.24	240	26.3	26.3	26.1	26.1	32.1	32.1	7.9	7.9	111.1	111.3	7.5	7.5	2.0	2.0	<0.001	<0.001	5.3	5.5	0.14	0.14	<1.0	<1.0
							0.70	273	26.4	26.3			32.1	32.1	7.9	7.9	111.1	111.3	7.5	7.5	2.0	2.0	<0.001	<0.001	5.3	5.5	0.14	0.14	<1.0	<1.0
							0.37	241	26.1	26.1			32.5	32.4	8.0	8.0	109.4	109.7	7.4	7.4	1.9	1.9	0.003	0.002	6.3	6.5	0.08	0.11	<1.0	<1.0
							0.37	241	26.1	26.1			32.4	32.4	8.0	8.0	110.0	109.7	7.4	7.4	3.5	3.6	<0.001	<0.001	6.7	6.5	0.13	0.11	<1.0	<1.0
							0.25	141	26.0	26.0			32.6	32.6	8.0	8.0	106.9	107.1	7.2	7.4	4.5	4.3	<0.001	<0.001	8.6	8.8	0.05	0.05	<1.0	<1.0
							0.25	141	26.0	26.0			32.6	32.6	8.0	8.0	107.2	107.1	7.2	7.4	4.1	4.3	<0.001	<0.001	9.0	8.8	0.05	0.05	<1.0	<1.0
Mid-Flood	F3	Cloudy	Moderate	08:32	17	S	0.46	292	26.0	26.0	26.0	26.0	32.4	32.4	8.1	8.1	106.4	106.6	7.2	7.2	1.5	1.5	<0.001	<0.001	3.6	3.4	0.08	0.08	<1.0	<1.0
							0.14	147	26.0	26.0			32.4	32.4	8.1	8.1	106.7	106.6	7.2	7.2	1.4	1.4	<0.001	<0.001	3.2	3.4	0.08	0.08	<1.0	<1.0
							0.21	287	26.0	26.0			32.6	32.6	8.1	8.1	106.2	106.0	7.2	7.2	1.5	1.5	<0.001	<0.001	4.2	4.3	0.05	0.05	<1.0	<1.0
							0.21	287	26.0	26.0			32.6	32.6	8.1	8.1	105.7	106.0	7.1	7.2	1.5	1.5	<0.001	<0.001	4.4	4.3	0.05	0.05	<1.0	<1.0
							0.39	254	25.9	25.9			32.7	32.7	8.1	8.1	105.1	105.7	7.1	7.1	5.0	5.2	<0.001	0.002	6.8	6.6	0.03	0.03	<1.0	<1.0
							0.39	254	25.9	25.9			32.7	32.7	8.1	8.1	106.3	105.7	7.2	7.1	5.3	5.2	0.002	0.002	6.4	6.6	0.03	0.03	<1.0	<1.0
	IM6	Cloudy	Moderate	08:18	16.5	S	0.28	297	26.0	26.0	26.0	26.0	32.3	32.3	8.0	8.0	103.4	103.2	7.0	7.0	1.6	1.6	<0.001	<0.001	3.9	4.2	0.12	0.12	<1.0	<1.0
							0.29	155	26.0	26.0			32.3	32.3	8.0	8.0	103.0	103.2	7.0	7.0	1.5	1.6	<0.001	<0.001	4.4	4.2	0.12	0.12	<1.0	<1.0
							0.66	117	26.0	26.0			32.4	32.4	8.0	8.0	103.1	103.1	7.0	7.0	3.1	3.1	<0.001	0.005	6.0	5.7	0.10	0.11	<1.0	<1.0
							0.66	117	26.0	26.0			32.4	32.4	8.0	8.0	103.0	103.1	7.0	7.0	3.1	3.1	0.008	0.005	5.4	5.7	0.11	0.11	<1.0	<1.0
							0.38	305	26.0	26.0			32.5	32.6	8.0	8.0	103.6	104.1	7.0	7.0	10.4	10.4	0.008	0.005	14.5	14.2	0.06	0.06	<1.0	<1.0
							0.38	305	26.0	26.0			32.6	32.6	8.0	8.0	104.5	104.5	7.1	7.0	10.3	10.3	<0.001	0.005	13.8	14.2	0.05	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: 2023/11/10

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Cloudy	Moderate	10:05	9.2	S	0.48	220	25.7	25.7	31.8	31.8	8.2	8.2	108.8	108.9	7.4	7.4	2.1	2.1	<0.001	<0.001	3.4	3.2	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.48	220	25.7	25.7	31.8	31.8	8.2	8.2	109.0	109.0	7.4	7.4	2.1	2.1	<0.001	<0.001	3.0	3.2	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.29	112	25.4	25.4	31.9	31.9	8.2	8.2	104.9	105.1	7.2	7.2	1.8	1.9	<0.001	0.002	3.9	3.8	0.05	0.05	<1.0	<1.0	<1.0	<1.0
						0.29	112	25.4	25.4	31.9	31.9	8.2	8.2	105.3	105.3	7.2	7.2	1.9	1.9	0.002	0.002	3.6	3.8	0.05	0.05	<1.0	<1.0	<1.0	<1.0	
						0.10	31	25.3	25.3	32.2	32.2	8.2	8.2	99.7	99.6	6.8	6.8	7.0	6.8	<0.001	<0.001	12.0	12.4	0.06	0.06	<1.0	<1.0	<1.0	<1.0	
						0.10	31	25.3	25.3	32.2	32.2	8.2	8.2	99.5	99.6	6.8	6.8	6.5	6.8	<0.001	<0.001	12.7	12.4	0.06	0.06	<1.0	<1.0	<1.0	<1.0	
	IM6	Cloudy	Moderate	9:33	17.0	S	0.40	253	25.3	25.3	32.8	32.8	8.2	8.2	103.1	103.2	7.0	7.0	1.3	1.2	<0.001	<0.001	2.7	2.5	0.03	0.03	<1.0	<1.0	<1.0	<1.0
							0.45	257	25.2	25.2	32.8	32.8	8.2	8.2	100.3	100.4	6.9	6.9	1.1	1.2	<0.001	<0.001	2.3	2.5	0.03	0.03	<1.0	<1.0	<1.0	<1.0
							0.45	257	25.2	25.2	32.8	32.8	8.2	8.2	100.4	100.4	6.9	6.9	1.7	1.7	<0.001	0.001	3.2	3.0	0.03	0.03	<1.0	<1.0	<1.0	<1.0
						0.09	169	25.2	25.2	32.8	32.9	8.2	8.2	97.9	97.9	6.7	6.7	2.6	2.6	<0.001	<0.001	4.6	4.4	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.09	169	25.2	25.2	32.9	32.9	8.2	8.2	97.9	97.9	6.7	6.7	2.6	2.6	<0.001	<0.001	4.2	4.4	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.78	291	26.3	26.3	32.6	32.6	8.1	8.1	110.7	112.0	7.4	7.5	0.3	0.3	<0.001	<0.001	3.2	3.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
Mid-Flood	F3	Fine	Rough	15:58	18	M	0.45	247	25.9	25.9	32.9	32.9	8.0	8.0	98.2	98.5	6.6	6.7	1.3	1.3	<0.001	<0.001	4.0	4.2	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.45	247	25.9	25.9	32.9	32.9	8.0	8.0	98.7	98.5	6.7	6.7	1.3	1.3	<0.001	<0.001	4.3	4.2	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.56	319	25.9	25.9	32.9	32.9	8.0	8.0	97.8	97.3	6.6	6.6	3.4	3.5	<0.001	<0.001	6.1	6.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
						0.56	319	25.9	25.9	32.9	32.9	8.0	8.0	98.8	98.5	6.5	6.6	3.5	3.5	<0.001	<0.001	5.8	6.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.57	302	26.4	26.4	32.6	32.6	8.1	8.1	113.6	114.3	7.6	7.7	0.8	0.8	<0.001	<0.001	2.3	2.4	0.02	0.02	<1.0	<1.0	<1.0	<1.0	
						0.57	302	26.4	26.4	32.6	32.6	8.1	8.1	115.0	114.3	7.7	7.7	0.7	0.7	<0.001	<0.001	2.5	2.4	0.02	0.02	<1.0	<1.0	<1.0	<1.0	
	IM6	Fine	Rough	15:43	16.6	M	0.47	299	26.2	26.2	32.7	32.7	8.1	8.1	105.5	106.5	7.1	7.2	1.8	1.7	<0.001	<0.001	4.0	4.0	0.02	0.02	<1.0	<1.0	<1.0	<1.0
							0.47	299	26.2	26.2	32.7	32.7	8.1	8.1	107.5	106.5	7.2	7.2	1.5	1.7	<0.001	<0.001	4.0	4.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.21	3	25.9	25.9	32.9	32.9	8.2	8.2	102.1	100.9	6.9	6.8	5.6	5.9	<0.001	<0.001	7.6	7.4	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
						0.26	94	25.9	25.9	32.9	32.9	8.1	8.1	99.7	99.7	6.7	6.8	6.2	5.9	<0.001	<0.001	7.1	7.4	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.26	94	25.9	25.9	32.9	32.9	8.1	8.1	99.7	99.7	6.7	6.8	6.2	5.9	<0.001	<0.001	7.1	7.4	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.26	94	25.9	25.9	32.9	32.9	8.1	8.1	99.7	99.7	6.7	6.8	6.2	5.9	<0.001	<0.001	7.1	7.4	<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: 2023/11/16

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value
Mid-Ebb	E2	Cloudy	Rough	13:45	9.0	S	0.65	200	24.9	24.9	DA	32.5	32.5	8.1	8.1	94.5	94.2	6.5	6.5	10.2	10.3	<0.001	<0.001	13.6	14.4	0.11	0.11	<1.0	<1.0
							0.63	156	24.9			32.5	32.5	8.1	8.1	93.9	94.2	6.5	6.5	10.4	10.3	<0.001	<0.001	15.1	14.4	0.11	0.11	<1.0	<1.0
							0.43	177	24.9			32.5	32.5	8.1	8.1	95.5	95.4	6.6	6.6	12.0	11.6	<0.001	<0.001	13.1	13.4	0.11	0.11	<1.0	<1.0
						0.43	177	24.9	32.5			32.5	8.1	8.1	95.2	95.4	6.6	6.6	11.1	11.6	<0.001	<0.001	13.6	13.4	0.11	0.11	<1.0	<1.0	
						0.38	258	24.9	32.5			32.5	8.1	8.1	99.7	99.0	6.9	6.8	10.6	11.1	<0.001	<0.001	13.4	12.7	0.11	0.11	<1.0	<1.0	
						0.29	139	24.9	32.5			32.9	32.9	8.1	8.1	96.3	95.3	6.8	6.5	11.6	11.6	<0.001	<0.001	11.9	11.9	0.11	0.11	<1.0	<1.0
	IM6	Cloudy	Rough	13:07	17.0	S	0.70	105	25.2	25.1	DA	32.9	32.9	8.1	8.1	95.3	95.3	6.5	6.5	3.9	3.9	<0.001	<0.001	5.4	5.5	0.06	0.06	<1.0	<1.0
							0.70	105	25.2			32.9	32.9	8.1	8.1	95.2	96.0	6.6	6.6	4.2	4.2	<0.001	<0.001	5.5	5.5	0.06	0.06	<1.0	<1.0
							0.78	108	25.2			32.9	32.9	8.1	8.1	96.1	96.0	6.6	6.6	4.1	4.2	<0.001	<0.001	5.2	5.6	0.06	0.06	<1.0	<1.0
						0.38	292	25.1	32.9			32.9	8.1	8.1	95.9	96.0	6.6	6.6	4.1	4.2	<0.001	<0.001	6.0	6.0	0.06	0.06	<1.0	<1.0	
						0.78	108	25.2	32.9			32.9	8.1	8.1	97.7	97.1	6.7	6.6	8.9	8.9	<0.001	<0.001	6.8	9.2	0.06	0.06	<1.0	<1.0	
						0.10	22	25.1	32.9			32.9	8.1	8.1	96.4	96.4	6.6	6.6	8.8	8.9	<0.001	<0.001	11.5	9.2	0.06	0.06	<1.0	<1.0	
Mid-Flood	F3	Cloudy	Rough	08:40	18	S	0.49	280	25.2	25.2	DA	32.9	32.9	8.2	8.2	93.2	93.2	6.4	6.4	3.2	3.3	<0.001	0.002	4.5	4.6	0.06	0.06	<1.0	<1.0
							1.02	294	25.2			32.9	32.9	8.2	8.2	93.2	93.2	6.4	6.4	3.3	3.3	<0.001	<0.001	4.7	4.6	0.06	0.06	<1.0	<1.0
							0.38	118	25.2			32.9	32.9	8.2	8.2	93.6	93.5	6.4	6.4	4.8	5.0	<0.001	0.002	6.1	6.1	0.07	0.08	<1.0	<1.0
						0.59	351	25.2	32.9			32.9	8.1	8.1	95.4	94.8	6.5	6.5	5.2	5.0	<0.001	<0.001	6.0	6.1	0.08	0.08	<1.0	<1.0	
						0.59	351	25.2	32.9			32.9	8.1	8.1	94.2	94.8	6.4	6.5	13.2	13.2	<0.001	<0.001	18.8	19.3	0.04	0.04	<1.0	<1.0	
						0.40	337	25.2	32.8			32.8	8.1	8.1	93.0	93.2	6.4	6.4	3.5	3.4	<0.001	<0.001	4.3	4.5	0.06	0.06	<1.0	<1.0	
	IM6	Cloudy	Rough	08:26	16	M	0.40	337	25.1	25.2	DA	32.8	32.8	8.1	8.1	93.3	92.9	6.4	6.4	3.2	3.4	<0.001	<0.001	4.6	4.5	0.04	0.05	<1.0	<1.0
							0.05	2	25.2			32.8	32.8	8.1	8.1	92.8	92.9	6.3	6.4	4.6	4.7	<0.001	<0.001	9.6	8.4	0.04	0.06	<1.0	<1.0
							0.45	250	25.2			32.8	32.8	8.1	8.1	92.9	92.9	6.4	6.4	4.8	4.7	<0.001	<0.001	7.1	7.1	0.07	0.07	<1.0	<1.0
						0.35	96	25.2	32.8			32.8	8.1	8.1	94.9	94.4	6.5	6.5	6.1	6.6	<0.001	<0.001	10.1	9.1	0.04	0.05	<1.0	<1.0	
						0.15	349	25.2	32.8			32.8	8.1	8.1	93.9	93.9	6.4	6.5	7.0	6.6	<0.001	<0.001	8.0	8.0	0.06	0.06	<1.0	<1.0	
						0.15	349	25.2	32.8			32.8	8.1	8.1	93.9	93.9	6.4	6.5	7.0	6.6	<0.001	<0.001	8.0	8.0	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: 2023/11/23

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Cloudy	Calm	8:00	9.0	S	0.33	152	23.4	23.4	32.8	32.8	8.1	8.1	93.6	93.7	6.6	6.6	1.6	1.7	<0.001	<0.001	2.5	2.5	0.14	0.15	<1.0	<1.0	<1.0	<1.0
							0.33	152	23.4	23.4	32.8	32.8	8.1	8.1	93.7	93.7	6.6	6.6	1.7	1.7	<0.001	<0.001	2.6	2.5	0.15	0.15	<1.0	<1.0	<1.0	<1.0
							0.11	281	23.4	23.4	32.8	32.8	8.1	8.1	94.4	94.2	6.7	6.6	1.8	1.9	<0.001	<0.001	3.0	3.2	0.14	0.14	<1.0	<1.0	<1.0	<1.0
							0.11	281	23.4	23.4	32.8	32.8	8.1	8.1	93.9	94.2	6.6	6.6	1.9	1.9	<0.001	<0.001	3.4	3.2	0.14	0.14	<1.0	<1.0	<1.0	<1.0
							0.20	6	23.5	23.5	32.9	32.9	8.1	8.1	96.7	96.0	6.8	6.8	3.0	3.0	<0.001	<0.001	4.8	4.7	0.13	0.13	<1.0	<1.0	<1.0	<1.0
							0.31	76	23.5	23.5	32.9	32.9	8.1	8.1	95.2	96.0	6.7	6.8	3.0	3.0	<0.001	<0.001	4.5	4.5	0.13	0.13	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Calm	7:57	17.0	S	0.28	93	23.7	23.7	33.1	33.1	8.1	8.1	93.0	93.1	6.5	6.5	2.3	2.3	<0.001	0.002	2.8	2.6	0.07	0.08	<1.0	<1.0	<1.0	<1.0
							0.28	93	23.7	23.7	33.1	33.1	8.1	8.1	93.2	93.2	6.5	6.5	2.2	2.3	<0.001	<0.001	2.4	2.6	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.43	233	23.7	23.7	33.1	33.1	8.1	8.1	93.2	93.2	6.5	6.5	2.4	2.4	<0.001	<0.001	3.5	3.7	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.13	330	23.7	23.7	33.1	33.1	8.1	8.1	93.2	93.2	6.5	6.5	2.3	2.3	<0.001	<0.001	3.9	3.7	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.15	113	23.7	23.7	33.1	33.1	8.1	8.1	95.6	95.2	6.7	6.7	2.6	2.6	<0.001	<0.001	4.0	4.2	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.15	113	23.7	23.7	33.1	33.1	8.1	8.1	94.9	95.2	6.6	6.7	2.9	2.8	<0.001	<0.001	4.4	4.2	0.07	0.08	<1.0	<1.0	<1.0	<1.0
Mid-Flood	F3	Fine	Calm	14:55	17.8	S	0.29	244	24.6	24.6	33.1	33.1	8.1	8.1	100.8	101.2	7.0	7.0	1.3	1.3	<0.001	<0.001	1.8	1.7	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.21	64	23.8	23.8	33.1	33.1	8.1	8.1	97.1	96.9	6.8	6.8	1.2	1.2	<0.001	<0.001	1.6	1.7	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.31	46	23.8	23.8	33.1	33.1	8.1	8.1	96.6	96.9	6.8	6.8	2.2	2.4	<0.001	<0.001	2.8	2.9	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.21	10	23.8	23.8	33.1	33.1	8.1	8.1	98.0	97.7	6.9	6.8	4.0	3.8	<0.001	<0.001	3.7	3.5	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.50	335	23.8	23.8	33.0	33.0	8.0	8.0	98.0	98.0	6.8	6.8	3.6	3.6	<0.001	<0.001	3.3	3.5	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.52	309	24.0	24.0	33.0	33.0	8.0	8.0	98.0	98.0	6.8	6.8	1.7	1.7	<0.001	0.004	4.0	3.9	0.08	0.08	<1.0	<1.0	<1.0	<1.0
	IM6	Fine	Calm	14:39	16	M	0.52	309	24.0	24.0	33.0	33.0	8.0	8.0	98.0	98.0	6.8	6.8	1.7	1.7	<0.001	<0.001	4.0	3.9	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							0.35	276	23.8	23.8	33.1	33.1	8.0	8.0	97.2	97.0	6.8	6.8	2.4	2.3	<0.001	<0.001	4.4	4.6	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.85	197	23.8	23.8	33.1	33.1	8.0	8.0	96.8	96.8	6.8	6.8	2.2	2.2	<0.001	<0.001	4.8	4.6	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.51	290	23.8	23.8	33.1	33.1	8.0	8.0	98.5	98.4	6.9	6.9	5.1	5.4	<0.001	<0.001	6.0	5.8	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.51	290	23.8	23.8	33.1	33.1	8.0	8.0	98.2	98.4	6.9	6.9	5.6	5.6	<0.001	<0.001	5.6	5.8	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.51	290	23.8	23.8	33.1	33.1	8.0	8.0	98.2	98.4	6.9	6.9	5.6	5.6	<0.001	<0.001	5.6	5.8	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: 2023/11/29

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)			
									Value	Average	DA	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value
Mid-Ebb	E2	Cloudy	Rough	13:11	9.2	S	0.03	239	23.6	23.6	32.5	32.8	8.3	8.3	97.0	97.0	6.8	6.8	9.1	9.0	<0.001	<0.001	10.6	10.6	0.14	0.14	<1.0	<1.0	<1.0	<1.0
							0.07	25	23.6	23.6	32.8	32.8	8.3	8.3	96.9	96.9	6.8	6.8	8.9	8.9	<0.001	<0.001	10.6	10.6	0.14	0.14	<1.0	<1.0	<1.0	<1.0
							0.53	59	23.6	23.6	32.8	32.8	8.3	8.3	96.1	96.3	6.8	6.8	12.2	11.8	<0.001	<0.001	13.1	13.0	0.14	0.13	<1.0	<1.0	<1.0	<1.0
							0.53	59	23.6	23.6	32.8	32.8	8.3	8.3	96.4	96.3	6.8	6.8	11.4	11.8	<0.001	<0.001	12.8	13.0	0.14	0.13	<1.0	<1.0	<1.0	<1.0
							0.10	168	23.6	23.6	32.8	32.8	8.3	8.3	97.6	97.2	6.9	6.8	18.2	17.0	<0.001	<0.001	22.7	22.8	0.14	0.14	<1.0	<1.0	<1.0	<1.0
							0.17	173	23.6	23.6	32.8	32.8	8.3	8.3	96.9	96.8	6.8	6.8	15.8	15.8	<0.001	<0.001	22.8	22.8	0.14	0.14	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Rough	12:33	16.8	S	0.39	96	23.6	23.6	33.1	33.1	8.2	8.2	97.6	97.6	6.9	6.9	8.4	8.7	<0.001	0.001	10.2	10.3	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.32	25	23.6	23.6	33.1	33.1	8.1	8.1	96.9	96.9	6.8	6.8	8.9	8.7	<0.001	<0.001	10.4	10.7	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.14	224	23.6	23.6	33.1	33.1	8.1	8.1	96.9	96.9	6.8	6.8	10.9	10.7	<0.001	<0.001	13.6	13.5	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.26	7	23.6	23.6	33.1	33.1	8.0	8.0	97.8	97.5	6.9	6.8	11.9	12.0	<0.001	<0.001	14.4	14.3	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.40	115	23.6	23.6	33.1	33.1	8.1	8.1	97.1	97.1	6.8	6.8	12.1	12.1	<0.001	<0.001	14.1	14.1	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.48	303	23.6	23.6	33.1	33.1	8.3	8.3	99.6	99.7	7.0	7.0	5.3	5.5	<0.001	0.005	6.4	6.4	0.05	0.05	<1.0	<1.0	<1.0	<1.0
Mid-Flood	F3	Cloudy	Rough	07:54	17.9	M	0.48	175	23.7	23.7	33.2	33.2	8.3	8.3	98.9	98.9	6.9	6.9	9.1	9.3	<0.001	<0.001	9.7	9.9	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.23	253	23.7	23.7	33.2	33.2	8.3	8.3	98.9	98.9	6.9	6.9	9.5	9.3	<0.001	<0.001	10.0	10.0	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.25	326	23.7	23.7	33.2	33.2	8.3	8.3	98.2	98.1	6.9	6.9	27.2	25.8	<0.001	0.002	30.2	30.5	0.03	0.04	<1.0	<1.0	<1.0	<1.0
							0.37	338	23.6	23.6	33.2	33.2	8.2	8.2	97.1	97.1	6.8	6.8	9.2	9.3	<0.001	<0.001	30.7	30.5	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.15	303	23.6	23.6	33.2	33.2	8.2	8.2	97.0	96.8	6.8	6.8	9.3	9.3	<0.001	<0.001	11.5	11.4	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.17	246	23.6	23.6	33.3	33.3	8.1	8.1	96.9	96.8	6.8	6.8	9.7	9.5	<0.001	<0.001	12.7	12.5	0.04	0.04	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Rough	07:28	16.6	M	0.23	264	23.6	23.6	33.2	33.2	8.1	8.1	96.7	96.7	6.8	6.8	9.2	9.5	<0.001	<0.001	12.2	12.2	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.12	282	23.6	23.6	33.3	33.3	8.0	8.0	97.5	97.4	6.8	6.8	11.2	11.1	<0.001	<0.001	13.8	13.9	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.12	282	23.6	23.6	33.3	33.3	8.0	8.0	97.2	97.2	6.8	6.8	11.0	11.0	<0.001	<0.001	14.0	14.0	0.04	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: 2023/12/08

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value
Mid-Ebb	E2	Cloudy	Calm	8:06	9.2	S	0.34	115	22.3	22.3	32.9	32.9	8.2	8.2	111.7	112.1	8.0	8.1	3.4	3.5	<0.001	<0.001	4.9	4.8	0.05	0.05	1.2	1.3	1.2
							0.34	115	22.3	22.3	32.9	32.9	8.2	8.2	112.4	112.1	8.1	8.1	3.6	3.6	<0.001	<0.001	4.6	4.8	0.05	0.05	1.2	1.3	
							0.21	320	22.3	22.3	32.9	32.9	8.2	8.2	110.0	110.3	7.9	7.9	3.7	3.7	<0.001	<0.001	5.8	5.6	0.05	0.05	1.1	1.2	
							0.37	215	22.3	22.3	32.9	32.9	8.2	8.2	110.5	110.3	7.9	7.9	3.4	3.6	<0.001	<0.001	5.4	5.6	0.05	0.05	1.2	1.2	
							0.23	340	22.4	22.4	32.9	32.9	8.2	8.2	108.3	108.9	7.8	7.8	3.4	3.7	<0.001	<0.001	6.0	6.1	0.04	0.05	1.5	1.3	
							0.28	130	22.4	22.4	32.9	32.9	8.2	8.2	109.4	108.9	7.9	7.9	3.9	3.9	<0.001	<0.001	6.2	6.2	0.05	0.05	1.1	1.1	
	IM6	Cloudy	Calm	7:34	16.8	S	0.14	321	22.7	22.7	33.2	33.2	8.1	8.1	100.5	100.4	7.2	7.1	1.1	1.1	<0.001	<0.001	2.3	2.4	0.04	0.04	<1.0	<1.0	0.04
							0.16	190	22.7	22.7	33.2	33.2	8.1	8.1	100.3	100.4	7.1	7.1	1.0	1.0	<0.001	<0.001	2.4	2.4	0.04	0.04	<1.0	<1.0	
							0.38	263	22.7	22.7	33.2	33.2	8.1	8.1	99.8	100.0	7.1	7.1	1.2	1.2	<0.001	<0.001	2.9	2.7	0.04	0.04	<1.0	<1.0	
							0.70	19	22.7	22.7	33.2	33.2	8.1	8.1	100.1	100.0	7.1	7.1	1.2	1.2	<0.001	<0.001	2.5	2.7	0.03	0.04	<1.0	<1.0	
							0.64	164	22.7	22.7	33.2	33.2	8.1	8.1	99.7	99.5	7.1	7.1	1.7	1.7	<0.001	<0.001	3.6	3.5	0.04	0.04	<1.0	<1.0	
							0.64	164	22.7	22.7	33.2	33.2	8.1	8.1	99.2	99.5	7.1	7.1	1.8	1.8	<0.001	<0.001	3.3	3.5	0.04	0.04	<1.0	<1.0	
Mid-Flood	F3	Cloudy	Rough	14:30	18.2	S	0.49	305	22.9	22.9	33.2	33.2	8.2	8.2	105.2	105.9	7.5	7.5	1.2	1.2	<0.001	<0.001	2.1	2.2	0.02	0.02	<1.0	<1.0	0.04
							0.09	196	22.8	22.8	33.3	33.3	8.1	8.1	98.0	98.5	7.0	7.0	2.1	2.2	<0.001	<0.001	3.2	3.1	0.04	0.04	<1.0	<1.0	
							0.09	196	22.8	22.8	33.3	33.3	8.1	8.1	98.9	98.5	7.0	7.0	2.2	2.2	<0.001	<0.001	2.9	3.1	0.04	0.04	<1.0	<1.0	
							0.26	12	22.8	22.8	33.3	33.3	8.1	8.1	97.4	97.0	6.9	6.9	5.4	5.4	<0.001	<0.001	5.2	5.0	0.05	0.05	<1.0	<1.0	
							0.1	324	22.8	22.8	33.3	33.3	8.1	8.1	98.5	97.0	6.9	6.9	5.3	5.4	<0.001	<0.001	4.7	5.0	0.05	0.05	<1.0	<1.0	
							1.7	268	23.0	23.0	33.3	33.3	8.1	8.1	103.3	103.5	7.3	7.3	1.7	1.9	<0.001	0.002	2.6	2.6	0.02	0.02	<1.0	<1.0	
	IM6	Cloudy	Rough	14:12	16.7	M	0.24	60	22.9	22.9	33.3	33.3	8.1	8.1	100.6	100.6	7.4	7.2	2.0	2.3	0.03	<0.001	2.6	2.6	0.02	0.04	<1.0	<1.0	0.03
							0.22	182	22.9	22.9	33.3	33.3	8.1	8.1	100.8	100.7	7.2	7.2	2.3	2.3	<0.001	<0.001	3.8	3.6	0.04	0.04	<1.0	<1.0	
							1.41	238	22.8	22.8	33.3	33.3	8.0	8.0	99.9	99.9	7.1	7.1	3.2	3.2	<0.001	0.002	4.4	4.7	0.04	0.04	<1.0	<1.0	
							0.39	19	22.8	22.8	33.3	33.3	8.0	8.0	99.9	99.9	7.1	7.1	3.1	3.2	0.002	0.002	5.0	4.7	0.04	0.04	<1.0	<1.0	
							0.39	19	22.8	22.8	33.3	33.3	8.0	8.0	99.9	99.9	7.1	7.1	3.1	3.2	0.002	0.002	5.0	4.7	0.04	0.04	<1.0	<1.0	
							0.39	19	22.8	22.8	33.3	33.3	8.0	8.0	99.9	99.9	7.1	7.1	3.1	3.2	0.002	0.002	5.0	4.7	0.04	0.04	<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: 2023/12/11

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
Mid-Ebb	E2	Cloudy	Moderate	10:44	9.1	S	0.30	326	23.2	23.2	32.8	32.8	8.3	8.3	131.8	133.2	9.3	9.4	9.1	1.2	1.2	<0.001	<0.001	4.5	4.4	4.0	4.0	<0.02	<0.02	1.5	1.5
							0.07	255	23.2	23.2	32.8	32.8	8.3	8.3	134.5	133.2	9.5	9.4	9.1	1.2	1.2	<0.001	<0.001	4.3	4.4	4.0	4.0	<0.02	<0.02	1.4	1.5
							0.05	231	23.1	23.1	33.0	33.0	8.3	8.3	125.0	125.2	8.9	8.9	8.9	1.6	1.5	<0.001	<0.001	3.9	4.0	4.0	4.0	<0.02	<0.02	1.2	1.2
							0.33	182	23.1	23.1	33.0	33.0	8.3	8.3	125.4	125.2	8.9	8.9	8.9	1.4	1.5	<0.001	<0.001	4.1	4.0	4.0	4.0	<0.02	<0.02	1.2	1.2
							0.52	94	23.1	23.1	33.0	33.0	8.3	8.3	121.8	122.5	8.6	8.7	8.7	2.1	2.0	<0.001	<0.001	3.4	3.6	4.0	4.0	<0.02	<0.02	<1.0	<1.0
							0.38	192	23.1	23.1	33.0	33.0	8.3	8.3	123.1	122.5	8.7	8.7	8.7	1.8	1.8	<0.001	<0.001	3.7	3.6	4.0	4.0	<0.02	<0.02	<1.0	<1.0
	IM6	Cloudy	Moderate	10:13	16.9	S	0.21	120	23.0	23.0	33.2	33.2	8.1	8.1	112.1	112.3	7.9	8.0	7.9	1.0	1.0	<0.001	0.002	3.0	3.2	3.5	3.5	<0.02	<0.02	<1.0	<1.0
							0.21	120	23.0	23.0	33.2	33.2	8.1	8.1	112.1	112.3	7.9	8.0	8.0	1.0	1.0	<0.001	0.002	3.0	3.2	3.5	3.5	<0.02	<0.02	<1.0	<1.0
							0.21	313	23.0	23.0	33.2	33.2	8.1	8.1	110.0	110.1	7.8	7.8	7.8	1.3	1.2	<0.001	0.002	3.3	3.4	3.5	3.5	<0.02	<0.02	<1.0	<1.0
							0.21	313	23.0	23.0	33.2	33.2	8.1	8.1	110.2	110.1	7.8	7.8	7.8	1.1	1.2	<0.001	0.002	3.2	3.4	3.5	3.5	<0.02	<0.02	<1.0	<1.0
							0.08	221	23.0	23.0	33.2	33.2	8.1	8.1	108.3	108.4	7.7	7.7	7.7	2.2	2.1	<0.001	0.005	4.1	3.9	3.5	3.5	<0.02	<0.02	<1.0	<1.0
							0.06	221	23.0	23.0	33.2	33.2	8.1	8.1	108.5	108.4	7.7	7.7	7.7	1.9	2.1	0.008	0.005	3.7	3.9	3.5	3.5	<0.02	<0.02	<1.0	<1.0
Mid-Flood	F3	Cloudy	Moderate	15:37	18.1	S	0.03	243	23.6	23.6	33.2	33.2	8.2	8.2	118.4	118.4	8.3	8.3	8.1	0.2	0.2	<0.001	<0.001	1.2	1.4	1.9	1.9	<0.02	<0.02	<1.0	<1.0
							0.09	98	23.5	23.6	33.2	33.2	8.2	8.2	118.4	118.4	8.3	8.3	8.1	0.2	0.2	<0.001	<0.001	1.5	1.4	1.9	1.9	<0.02	<0.02	<1.0	<1.0
							0.07	285	23.0	23.0	33.2	33.2	8.2	8.2	110.0	110.8	7.8	7.9	7.9	1.0	1.1	<0.001	<0.001	1.8	1.9	1.9	1.9	<0.02	<0.02	<1.0	<1.0
							0.35	304	23.0	23.0	33.2	33.2	8.2	8.2	111.6	110.8	7.9	7.9	7.9	1.0	1.1	<0.001	<0.001	2.0	1.9	1.9	1.9	<0.02	<0.02	<1.0	<1.0
							0.4	4	23.0	23.0	33.2	33.3	8.2	8.2	106.8	106.8	7.6	7.6	7.6	1.3	1.3	<0.001	<0.001	2.5	2.4	1.9	1.9	<0.02	<0.02	<1.0	<1.0
							0.4	4	23.0	23.0	33.3	33.3	8.2	8.2	106.7	106.8	7.6	7.6	7.6	1.3	1.3	<0.001	<0.001	2.3	2.4	1.9	1.9	<0.02	<0.02	<1.0	<1.0
	IM6	Cloudy	Moderate	15:23	16.7	S	0.13	343	23.1	23.1	33.2	33.2	8.1	8.1	114.4	114.7	8.1	8.1	8.0	0.5	0.6	<0.001	<0.001	1.8	2.0	2.8	2.8	<0.02	<0.02	<1.0	<1.0
							0.13	343	23.1	23.1	33.2	33.2	8.1	8.1	115.0	114.7	8.1	8.1	8.1	0.6	0.6	<0.001	<0.001	2.2	2.0	2.8	2.8	<0.02	<0.02	<1.0	<1.0
							0.67	1	23.0	23.0	33.3	33.3	8.1	8.1	109.7	110.1	7.8	7.8	7.8	1.1	1.1	<0.001	<0.001	2.8	2.6	2.8	2.8	<0.02	<0.02	<1.0	<1.0
							0.07	5	23.0	23.0	33.3	33.3	8.1	8.1	110.5	110.1	7.8	7.8	7.8	1.0	1.1	<0.001	<0.001	2.4	2.6	2.8	2.8	<0.02	<0.02	<1.0	<1.0
							0.43	286	23.0	23.0	33.3	33.3	8.1	8.1	107.7	107.8	7.6	7.6	7.6	3.3	3.4	<0.001	<0.001	3.6	3.9	2.8	2.8	<0.02	<0.02	<1.0	<1.0
							0.02	341	23.0	23.0	33.3	33.3	8.1	8.1	107.8	107.8	7.6	7.6	7.6	3.4	3.4	<0.001	<0.001	4.2	3.9	2.8	2.8	<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: 2023/12/18

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Cloudy	Moderate	16:33	9.4	S	0.57	132	21.8	21.8	32.8	21.8	8.1	8.1	95.9	95.7	7.0	6.9	10.4	10.1	<0.001	<0.001	10.5	10.7	0.16	0.16	<1.0	<1.0	1.8	1.4
							0.20	35	21.8	21.8	32.8	21.8	8.1	8.1	95.4	95.7	6.9	6.9	9.7	10.1	<0.001	<0.001	10.8	10.7	0.16	0.16	1.8	1.4	1.8	1.4
							0.21	263	21.8	21.8	32.8	21.8	8.1	8.1	96.8	96.5	7.0	7.0	10.9	10.7	<0.001	<0.001	11.8	12.0	0.16	0.16	1.5	1.7	1.9	1.7
							0.21	4	21.8	21.8	32.8	21.8	8.1	8.1	96.2	96.5	7.0	7.0	10.5	10.7	<0.001	<0.001	12.1	12.0	0.16	0.16	1.9	1.7	1.9	1.7
							0.19	175	21.8	21.8	32.7	21.7	8.1	8.1	100.3	99.5	7.3	7.2	13.1	13.2	<0.001	0.001	14.2	14.1	0.17	0.17	2.9	3.3	3.6	3.3
							0.33	282	21.8	21.8	32.7	21.7	8.1	8.1	98.7	99.5	7.2	7.2	13.3	13.3	0.001	0.001	13.9	13.9	0.17	0.17	2.9	3.3	3.6	3.3
	IM6	Cloudy	Moderate	15:58	17.0	S	0.24	84	22.2	22.2	33.1	33.1	8.1	8.1	99.6	99.6	7.2	7.2	5.2	4.8	<0.001	<0.001	5.3	5.2	0.10	0.10	1.3	1.2	1.3	1.2
							0.27	212	22.2	22.2	33.1	33.1	8.1	8.1	99.7	99.5	7.2	7.2	7.2	7.2	6.6	6.8	<0.001	<0.001	7.2	7.2	0.09	0.09	<1.0	<1.0
							0.27	212	22.2	22.2	33.1	33.1	8.1	8.1	99.3	99.5	7.1	7.2	6.9	6.8	<0.001	<0.001	7.1	7.2	0.08	0.09	<1.0	<1.0	<1.0	<1.0
							0.19	298	22.2	22.2	33.1	33.1	8.1	8.1	101.2	100.8	7.3	7.2	8.3	8.2	<0.001	0.003	10.7	10.8	0.09	0.09	<1.0	<1.0	<1.0	<1.0
							0.19	298	22.2	22.2	33.1	33.1	8.1	8.1	100.3	100.8	7.2	7.2	8.1	8.2	0.004	0.003	10.8	10.8	0.09	0.09	<1.0	<1.0	<1.0	<1.0
							0.22	191	22.0	22.0	32.9	32.9	8.0	8.0	98.9	98.9	7.1	7.1	5.5	5.4	<0.001	<0.001	6.1	6.3	0.09	0.09	<1.0	<1.0	<1.0	<1.0
Mid-Flood	F3	Cloudy	Rough	11:02	18	M	0.24	317	22.0	22.0	32.9	32.9	8.0	8.0	98.2	98.3	7.1	7.1	5.3	5.4	<0.001	<0.001	6.4	6.3	0.09	0.09	<1.0	<1.0	<1.0	<1.0
							0.19	267	22.0	22.0	32.9	32.9	8.0	8.0	98.3	98.3	7.1	7.1	7.4	6.9	<0.001	0.001	5.0	5.2	0.09	0.09	<1.0	<1.0	<1.0	<1.0
							0.32	297	22.0	22.0	32.9	32.9	8.0	8.0	98.0	97.9	7.1	7.1	6.3	6.9	<0.001	<0.001	5.4	5.2	0.09	0.09	<1.0	<1.0	<1.0	<1.0
							0.35	317	22.0	22.0	32.9	32.9	8.0	8.0	97.7	97.9	7.1	7.1	13.6	13.7	<0.001	<0.001	8.8	8.8	0.09	0.09	<1.0	<1.0	<1.0	<1.0
							0.24	26	21.9	21.9	32.9	32.9	7.9	7.9	97.5	97.5	7.1	7.1	5.5	5.5	<0.001	<0.001	6.5	6.4	0.10	0.10	<1.0	<1.0	<1.0	<1.0
							0.24	295	21.9	21.9	32.9	32.9	7.9	7.9	97.4	97.5	7.1	7.1	5.5	5.5	<0.001	<0.001	6.2	6.4	0.10	0.10	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Rough	10:40	16	M	0.16	271	21.9	21.9	32.9	32.9	7.9	7.9	97.0	97.0	7.0	7.0	5.6	5.6	<0.001	0.001	7.0	6.9	0.10	0.11	<1.0	<1.0	<1.0	<1.0
							0.07	200	21.9	21.9	32.9	32.9	7.9	7.9	97.0	97.0	7.0	7.0	5.6	5.6	0.001	0.001	6.8	6.8	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							0.28	153	21.9	21.9	32.9	32.9	7.9	7.9	96.6	96.5	7.0	7.0	7.3	8.0	<0.001	0.001	10.8	10.8	0.10	0.10	<1.0	<1.0	<1.0	<1.0
							0.45	334	21.9	21.9	32.9	32.9	7.9	7.9	96.4	96.4	7.0	7.0	8.6	8.0	<0.001	0.001	7.8	9.3	0.10	0.10	<1.0	<1.0	<1.0	<1.0
							0.16	271	21.9	21.9	32.9	32.9	7.9	7.9	97.0	97.0	7.0	7.0	5.6	5.6	<0.001	0.001	7.0	6.9	0.10	0.11	<1.0	<1.0	<1.0	<1.0
							0.07	200	21.9	21.9	32.9	32.9	7.9	7.9	97.0	97.0	7.0	7.0	5.6	5.6	0.001	0.001	6.8	6.8	0.11	0.11	<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: 2023/12/28

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*	Value	Average	DA*	
Mid-Ebb	E2	Fine	Moderate	12:23	9.1	S	0.09	160	19.4	19.4	19.3	33.4	33.4	8.2	8.2	99.9	100.1	7.6	7.6	4.0	3.9	4.8	<0.001	<0.001	4.8	4.6	5.9	0.06	0.06	0.06	0.06	<1.0	<1.0	<1.0
							0.10	256	19.5	19.5		33.4	33.4	8.2	8.2	100.3	100.3	7.6	7.6	3.8	3.8		4.8	4.9	<0.001	<0.001	4.4	4.6	0.06	0.06	<1.0	<1.0	<1.0	
							0.16	8	19.2	19.2		33.4	33.4	8.2	8.2	98.8	98.9	7.5	7.5	4.8	4.9		<0.001	<0.001	5.7	6.0	0.06	0.06	<1.0	<1.0	<1.0			
						0.25	51	19.2	19.2	33.4		33.4	8.2	8.2	98.9	98.9	7.5	7.5	4.9	4.9	<0.001		<0.001	6.2	6.0	0.06	0.06	<1.0	<1.0	<1.0				
						0.15	30	19.2	19.2	33.4		33.4	8.1	8.1	99.3	99.1	7.5	7.5	5.4	5.6	<0.001		<0.001	7.3	7.2	0.07	0.07	<1.0	<1.0	<1.0				
						0.16	5	19.2	19.2	33.4		33.4	8.1	8.1	98.9	98.9	7.5	7.5	5.8	5.8	<0.001		<0.001	7.1	7.1	0.07	0.07	<1.0	<1.0	<1.0				
	IM6	Fine	Moderate	11:53	17.0	S	0.17	100	19.7	19.7	19.5	33.4	33.4	8.1	8.1	99.6	100.0	7.5	7.5	3.4	3.6	3.9	<0.001	<0.001	3.8	3.5	4.3	0.05	0.05	0.05	0.05	<1.0	<1.0	<1.0
							0.17	100	19.7	19.7		33.4	33.4	8.1	8.1	100.3	100.0	7.5	7.5	3.7	3.8		<0.001	<0.001	3.2	3.5	0.04	0.05	<1.0	<1.0	<1.0			
							0.18	37	19.5	19.5		33.4	33.4	8.1	8.1	98.6	98.6	7.4	7.4	3.7	3.8		<0.001	<0.001	4.4	4.3	0.05	0.05	<1.0	<1.0	<1.0			
						0.18	37	19.5	19.5	33.4		33.4	8.1	8.1	98.6	98.6	7.4	7.4	3.9	3.8	<0.001		<0.001	4.2	4.3	0.05	0.05	<1.0	<1.0	<1.0				
						0.12	181	19.4	19.4	33.4		33.4	8.1	8.1	97.5	97.5	7.4	7.4	4.4	4.3	<0.001		<0.001	5.2	5.2	0.06	0.06	<1.0	<1.0	<1.0				
						0.15	333	19.4	19.4	33.4		33.4	8.1	8.1	97.5	97.5	7.4	7.4	4.2	4.3	<0.001		<0.001	5.2	5.2	0.06	0.06	<1.0	<1.0	<1.0				
Mid-Flood	F3	Cloudy	Rough	7:54	17.6	S	0.41	309	19.4	19.4	19.4	33.5	33.5	8.2	8.2	98.8	99.0	7.5	7.5	3.7	3.6	4.8	<0.001	<0.001	4.4	4.5	6.2	0.06	0.06	0.06	0.06	<1.0	<1.0	<1.0
							0.41	309	19.4	19.4		33.5	33.5	8.2	8.2	99.1	99.0	7.5	7.5	3.5	3.6		<0.001	<0.001	4.6	4.5	0.06	0.06	<1.0	<1.0	<1.0			
							0.39	260	19.4	19.4		33.5	33.5	8.2	8.2	98.0	98.3	7.4	7.4	4.5	4.2		<0.001	<0.001	3.6	3.5	0.06	0.06	<1.0	<1.0	<1.0			
						0.22	323	19.4	19.4	33.5		33.5	8.2	8.2	98.5	98.3	7.4	7.4	3.9	4.2	<0.001		<0.001	3.3	3.5	0.06	0.06	<1.0	<1.0	<1.0				
						0.22	323	19.4	19.4	33.5		33.5	8.2	8.2	98.0	98.0	7.4	7.4	7.0	6.7	<0.001		<0.001	11.2	10.7	0.06	0.06	<1.0	<1.0	<1.0				
						0.22	323	19.4	19.4	33.5		33.5	8.2	8.2	98.0	98.0	7.4	7.4	6.4	6.4	<0.001		<0.001	10.1	10.7	0.06	0.06	<1.0	<1.0	<1.0				
	IM6	Cloudy	Rough	7:36	16.3	S	0.12	290	19.5	19.5	19.6	33.5	33.5	8.1	8.1	97.8	97.9	7.4	7.4	7.4	7.4	8.1	<0.001	<0.001	9.1	8.0	9.8	0.08	0.08	0.08	0.08	1.4	1.3	1.1
							0.23	303	19.5	19.5		33.5	33.5	8.1	8.1	98.0	97.9	7.4	7.4	7.4	7.4		<0.001	<0.001	6.9	6.9	0.08	0.08	1.2	1.3	<1.0	<1.0	<1.0	
							0.2	192	19.6	19.6		33.5	33.5	8.1	8.1	97.6	97.7	7.3	7.4	8.1	8.5		<0.001	<0.001	11.9	11.9	0.05	0.06	<1.0	<1.0	<1.0			
						0.23	109	19.6	19.6	33.5		33.5	8.1	8.1	97.7	97.7	7.4	7.4	8.9	8.5	0.002		0.002	11.9	11.9	0.06	0.06	<1.0	<1.0	<1.0				
						0.18	283	19.6	19.6	33.5		33.5	8.1	8.1	98.9	98.5	7.4	7.4	9.0	8.4	<0.001		<0.001	9.3	9.5	0.06	0.06	<1.0	<1.0	<1.0				
						0.42	248	19.6	19.6	33.5		33.5	8.1	8.1	98.0	98.0	7.4	7.4	7.7	8.4	<0.001		<0.001	9.6	9.5	0.06	0.06	<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: 2024/01/02

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	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	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	<0.001	<0.001	2.6	2.6	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.46	130	20.1	20.1		33.3	33.3	8.2	8.2	104.3	104.0	7.8	7.7	2.8	2.8	<0.001	<0.001	2.5	2.6	0.08	0.08	<1.0	<1.0	<1.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0
						0.59	346	20.1	20.1	33.4		33.4	8.2	8.2	102.2	101.9	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	<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	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.13	5	20.0	20.0	33.4		33.4	8.2	8.1	101.5	99.2	7.6	7.4	10.8	4.1	<0.001	<0.001	7.5	5	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<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	<0.001	<0.001	3.8	4.0	0.07	0.07	<1.0	<1.0	<1.0	<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	5.3	5.2	<0.001	<0.001	4.2	4.0	0.07	0.07	<1.0	<1.0	<1.0	<1.0	<1.0		
							1.03	335	19.7	19.7		33.4	33.4	8.1	8.1	98.5	98.6	7.4	7.4	5.1	5.2	<0.001	<0.001	5.1	5.3	0.07	0.07	<1.0	<1.0	<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	5.6	<0.001	<0.001	6.1	6.3	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<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	<1.0	<1.0	<1.0	<1.0		
						0.84	300	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	<1.0	<1.0	<1.0	<1.0		
Mid-Flood	F3	Cloudy	Rough	10:55	18.0	S	0.73	274	19.7	19.7	19.7	33.3	33.3	8.2	8.2	98.6	98.6	7.4	7.4	4.1	4.2	<0.001	<0.001	4.5	4.4	0.07	0.08	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.27	323	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	<1.0	<1.0	<1.0		
							0.19	3	19.7	19.7		33.3	33.3	8.2	8.2	98.2	98.1	7.4	7.4	5.6	5.9	<0.001	<0.001	5.1	5.3	0.08	0.08	<1.0	<1.0	<1.0	<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	18.4	19.7	<0.001	<0.001	21.7	22.1	0.07	0.07	<1.0	<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	20.0	19.7	<0.001	<0.001	22.4	22.1	0.07	0.07	<1.0	<1.0	<1.0	<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	<1.0	<1.0	<1.0			
	IM6	Cloudy	Rough	10:33	16.8	M	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	7.2	7.3	<0.001	<0.001	8.6	8.4	0.06	0.06	<1.0	<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	9.3	8.9	<0.001	<0.001	8.4	8.2	0.06	0.06	<1.0	<1.0	<1.0	<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	8.4	8.9	<0.001	<0.001	8.0	8.0	0.05	0.05	<1.0	<1.0	<1.0	<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	<1.0	<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	<1.0	<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	<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: 2024/01/09

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
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	2.8	<0.02	<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	123.7	9.4	9.4	0.5	0.6	<0.001	<0.001	2.4	2.3	<0.02	<0.02	<0.02	1.3	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	<0.02	1.3	1.3	1.2			
						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	3.5	<0.02	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
						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	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<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	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Calm	10:04	17.1	S	0.17	114	18.7	18.7	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	3.9	0.04	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.42	241	18.6	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	0.04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.20	96	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	0.04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
						0.35	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	0.04	<1.0	<1.0	<1.0	<1.0	<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	0.003	4.6	4.5	0.04	0.04	0.05	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.48	286	19.8	33.9	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	0.05	<1.0	<1.0	<1.0	<1.0	<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	2.9	0.04	0.05	0.04	<1.0	<1.0	<1.0	<1.0
							0.43	343	19.8	33.5		33.5	8.2	8.2	107.0	106.9	8.0	8.0	1.5	1.5	<0.001	<0.001	2.6	2.4	0.04	0.05	0.05	<1.0	<1.0	<1.0	<1.0	<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	0.04	<1.0	<1.0	<1.0	<1.0	<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	0.003	4.1	3.4	0.04	0.04	0.05	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.53	334	19.3	33.5	33.5		8.2	8.2	101.0	101.1	7.6	7.6	2.8	2.6	0.004	0.003	2.6	2.8	0.05	0.05	0.05	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.14	34	19.6	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	0.04	<1.0	<1.0	<1.0	<1.0	<1.0		
	IM6	Fine	Calm	14:32	17.2	S	0.16	60	19.7	19.6	19.4	33.4	33.4	8.1	8.1	106.3	106.8	8.0	8.0	1.8	1.8	<0.001	<0.001	2.6	2.8	5.4	0.04	0.05	0.05	<1.0	<1.0	<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	0.05	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.17	264	19.3	33.5		33.5	8.1	8.1	102.9	102.5	7.8	7.8	1.8	1.8	<0.001	<0.001	3.4	3.5	0.05	0.05	0.05	<1.0	<1.0	<1.0	<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	10.6	9.8	0.05	0.05	0.05	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.25	74	19.3	33.5	33.5		8.1	8.1	100.5	100.6	7.6	7.6	4.9	4.8	<0.001	<0.001	9.0	9.8	0.05	0.05	0.05	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.25	74	19.3	33.5	33.5		8.1	8.1	100.5	100.6	7.6	7.6	4.9	4.8	<0.001	<0.001	9.0	9.8	0.05	0.05	0.05	<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: 2024/01/16

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	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average
Mid-Ebb	E2	Fine	Rough	16:03	9.0	S	0.25	250	20.2	20.2	DA	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
							0.25	250	20.2			32.9	32.9	8.3	8.3	109.7	109.3	8.2	8.2	2.9	2.9	<0.001	<0.001	3.7	3.7	0.08	0.08	<1.0	<1.0	<1.0
							0.09	352	20.2			32.9	32.9	8.3	8.3	109.2	109.3	8.2	8.2	3.2	3.1	<0.001	<0.001	4.6	4.8	0.08	0.08	<1.0	<1.0	<1.0
						0.21	61	20.2	32.9			32.9	8.3	8.3	109.3	109.3	8.2	8.2	2.9	2.9	<0.001	<0.001	5.0	5.0	0.08	0.08	<1.0	<1.0	<1.0	
						0.15	126	20.2	32.9			32.9	8.3	8.3	107.6	108.0	8.0	8.1	3.2	3.2	<0.001	<0.001	5.9	5.7	0.07	0.08	<1.0	<1.0	<1.0	
						0.28	65	20.2	33.0			33.0	8.3	8.3	108.3	108.2	8.1	8.1	3.1	1.9	<0.001	<0.001	5.5	5.5	0.08	0.08	<1.0	<1.0	<1.0	
	IM6	Fine	Rough	15:32	17.0	S	0.42	338	19.9	19.9	DA	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
							0.22	336	19.9			33.3	33.3	8.2	8.2	106.5	106.7	8.0	8.0	3.6	3.3	<0.001	<0.001	4.4	4.3	0.04	0.04	<1.0	<1.0	<1.0
							0.11	284	19.9			33.5	33.5	8.2	8.2	106.8	106.7	8.0	8.0	3.0	3.0	<0.001	<0.001	4.2	4.3	0.04	0.04	<1.0	<1.0	<1.0
						0.04	152	19.9	33.6			33.6	8.2	8.2	105.7	105.8	7.9	7.9	4.1	4.4	<0.001	<0.001	5.8	5.7	0.02	0.02	<1.0	<1.0	<1.0	
						0.04	152	19.9	33.6			33.6	8.2	8.2	105.9	105.9	7.9	7.9	4.6	4.4	<0.001	<0.001	5.6	5.7	<0.02	0.02	<1.0	<1.0	<1.0	
						0.68	271	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	
Mid-Flood	F3	Cloudy	Rough	10:27	18.0	S	0.81	276	19.9	19.9	DA	33.6	33.6	8.3	8.3	103.7	103.7	7.8	7.8	4.2	4.5	<0.001	<0.001	6.8	6.6	0.02	0.02	<1.0	<1.0	<1.0
							0.41	236	19.9			33.6	33.6	8.3	8.3	103.7	103.7	7.8	7.8	4.2	4.5	<0.001	<0.001	6.4	6.6	0.02	0.02	<1.0	<1.0	<1.0
							0.67	276	19.9			33.5	33.5	8.3	8.3	103.4	103.6	7.7	7.8	17.0	16.1	<0.001	<0.001	13.5	13.2	<0.02	<0.02	<1.0	<1.0	<1.0
						0.53	291	19.9	33.6			33.6	8.3	8.3	103.8	103.8	7.8	7.8	19.2	16.1	<0.001	<0.001	12.8	13.2	<0.02	<0.02	<1.0	<1.0	<1.0	
						0.52	247	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	
						0.52	247	20.0	33.4			33.4	8.2	8.2	104.8	104.8	7.8	7.8	5.2	5.1	<0.001	<0.001	7.9	7.7	0.05	0.05	<1.0	<1.0	<1.0	
	IM6	Cloudy	Rough	9:58	16	M	0.41	268	20.0	20.0	DA	33.4	33.4	8.2	8.2	104.6	104.4	7.8	7.8	5.1	5.1	<0.001	<0.001	8.7	8.5	0.05	0.05	<1.0	<1.0	<1.0
							0.32	218	20.0			33.4	33.4	8.2	8.2	104.2	104.2	7.8	7.8	5.0	5.1	<0.001	<0.001	8.3	8.3	0.05	0.05	<1.0	<1.0	<1.0
							0.83	293	20.0			33.4	33.4	8.2	8.2	104.2	104.1	7.8	7.8	7.6	7.7	<0.001	<0.001	11.1	11.8	0.03	0.04	<1.0	<1.0	<1.0
						0.12	339	20.0	33.4			33.4	8.2	8.2	104.0	104.0	7.8	7.8	7.7	7.7	<0.001	<0.001	12.5	12.5	0.05	0.05	<1.0	<1.0	<1.0	
						0.12	339	20.0	33.4			33.4	8.2	8.2	104.0	104.0	7.8	7.8	7.7	7.7	<0.001	<0.001	12.5	12.5	0.05	0.05	<1.0	<1.0	<1.0	
						0.12	339	20.0	33.4			33.4	8.2	8.2	104.0	104.0	7.8	7.8	7.7	7.7	<0.001	<0.001	12.5	12.5	0.05	0.05	<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	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	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	<1.0	<1.0	<1.0				
							0.80	33	18.4	33.7		33.7	8.3	8.3	97.0	97.0	7.4	7.4	2.7	2.7	2.8	2.8	<0.001	<0.001	2.2	2.3	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.27	308	18.4	33.8		33.8	8.3	8.3	97.7	97.5	7.5	7.5	2.7	2.7	2.8	2.8	<0.001	<0.001	2.6	2.6	0.06	0.07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.27	308	18.4	33.8		33.8	8.3	8.3	97.3	97.5	7.5	7.5	2.8	2.8	2.8	2.8	<0.001	<0.001	2.5	2.6	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.22	329	18.4	33.8		33.8	8.3	8.3	104.2	101.7	8.0	7.8	3.1	3.0	3.1	3.0	<0.001	<0.001	2.8	2.9	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.09	249	18.4	33.8		33.8	8.3	8.3	99.1	98.6	7.6	7.4	2.8	2.6	2.8	2.6	<0.001	<0.001	3.0	3.0	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<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	<1.0	<1.0	<1.0				
							0.17	101	19.8	34.3		34.3	8.2	8.2	98.8	98.7	7.4	7.4	2.4	2.4	<0.001	<0.001	2.8	2.9	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.15	326	19.8	34.3		34.3	8.2	8.2	98.7	98.4	7.4	7.3	3.0	3.1	<0.001	<0.001	3.0	3.2	0.02	0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.15	326	19.8	34.3		34.3	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.36	241	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.36	241	19.8	34.3		34.3	8.2	8.2	99.6	99.6	7.4	7.4	2.6	2.7	<0.001	<0.001	3.9	3.7	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<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	2.3	2.4	<0.001	<0.001	4.7	4.6	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
							0.54	298	19.8	34.2		34.2	8.3	8.3	97.7	98.0	7.3	7.3	2.5	2.5	<0.001	<0.001	4.4	4.6	0.08	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.15	272	19.8	34.2		34.2	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.53	301	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.53	301	19.8	34.3		34.2	8.3	8.3	99.1	99.8	7.4	7.4	3.7	3.3	<0.001	<0.001	2.7	2.9	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.09	162	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
	IM6	Cloudy	Moderate	7:06	16.3	M	0.15	82	19.3	19.3	19.3	34.1	34.1	8.2	8.2	97.2	97.1	7.3	7.3	2.8	2.8	<0.001	<0.001	3.1	3.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.15	82	19.3	34.1		34.1	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	<1.0	<1.0	<1.0	<1.0				
							0.35	235	19.3	34.2		34.2	8.2	8.2	97.0	97.0	7.3	7.3	3.4	3.4	<0.001	<0.001	3.6	3.6	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.1	15	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.1	15	19.3	34.1		34.1	8.2	8.2	97.9	98.8	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.22	288	19.3	34.1		34.1	8.2	8.2	97.9	98.8	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	<1.0	<1.0	<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: 2024/01/31

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
Mid-Ebb	E2	Cloudy	Moderate	15:12	9.0	S	0.68	34	19.6	19.6	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	19.4	34.2	34.2	8.4	8.4	98.4	97.2	7.3	7.3	3.1	3.7	<0.001	<0.001	4.9	5.4	<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	19.4	34.2	34.2	8.4	8.4	96.8	97.2	7.3	7.3	3.9	3.7	<0.001	<0.001	5.2	5.4	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	
						0.30	117	19.1	19.1	34.2	34.2	8.4	8.4	96.4	96.3	7.3	7.3	3.8	3.8	<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	
	IM6	Cloudy	Moderate	14:41	17.0	S	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
							0.26	4	19.7	19.7	34.3	34.3	8.4	8.4	99.5	99.6	7.4	7.4	1.8	1.8	<0.001	<0.001	2.5	2.7	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.52	171	19.3	19.3	34.3	34.3	8.4	8.4	98.2	98.2	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	2.2	<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	4.2	<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	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
							0.57	299	19.5	19.5	34.5	34.5	8.3	8.3	98.4	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	
	IM6	Cloudy	Moderate	9:38	17	S	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
							0.25	30	19.7	19.7	34.5	34.5	8.3	8.3	97.9	98.2	7.3	7.3	1.7	1.7	<0.001	<0.001	3.8	3.8	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0
							0.34	16	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
						0.18	56	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	
						0.21	19	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	

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 Velocity (m/s)	Current Direction	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)					
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
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	3.4	3.6	<0.001	<0.001	5.2	5.3	0.12	0.13	<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	3.8	3.6	<0.001	<0.001	5.4	5.3	0.13	0.13	<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	3.1	3.3	<0.001	0.002	5.2	4.8	0.12	0.12	<1.0	<1.0				
						M	0.19	104	19.4	19.4	34.3	34.3	8.2	8.2	94.5	94.7	7.1	7.1	3.4	3.3	0.003	<0.001	4.4	4.8	0.11	0.12	<1.0	<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	3.0	3.0	<0.001	<0.001	5.1	5.5	0.11	0.12	<1.0	<1.0	<1.0	<1.0		
							0.06	332	19.3	19.3	34.3	34.2	8.2	8.2	96.3	97.2	7.2	7.2	3.0	3.0	<0.001	<0.001	5.9	5.5	0.12	0.12	<1.0	<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	1.3	1.2	<0.001	<0.001	2.2	2.5	<0.02	<0.02	<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	1.1	1.2	<0.001	<0.001	2.7	2.5	<0.02	<0.02	<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	2.8	2.5	<0.001	<0.001	4.5	5.5	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0		
						M	0.18	133	18.2	18.2	34.2	34.2	8.3	8.3	99.7	99.7	7.7	7.7	2.2	2.5	<0.001	<0.001	6.4	5.5	<0.02	<0.02	<1.0	<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	1.6	1.7	<0.001	<0.001	4.2	3.8	<0.02	<0.02	<1.0	<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	1.7	1.7	<0.001	<0.001	3.3	3.8	<0.02	<0.02	<1.0	<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	0.7	0.7	<0.001	<0.001	1.6	2.2	<0.02	<0.02	<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	0.7	0.7	<0.001	<0.001	2.7	2.2	<0.02	<0.02	<1.0	<1.0				
							0.22	65	18.3	18.3	34.1	34.1	8.4	8.4	107.4	107.5	8.3	8.3	0.9	0.9	<0.001	<0.001	1.6	1.6	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0		
						M	0.53	279	18.3	18.3	34.1	34.1	8.4	8.4	107.4	107.5	8.2	8.3	0.8	0.8	<0.001	<0.001	1.6	1.6	<0.02	<0.02	<1.0	<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	1.0	1.2	<0.001	<0.001	1.4	1.6	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0		
							0.36	327	18.3	18.3	34.1	34.1	8.4	8.4	107.6	107.7	8.3	8.3	1.3	1.2	<0.001	<0.001	1.8	1.6	<0.02	<0.02	<1.0	<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	8.4	106.5	106.7	8.2	8.2	1.0	1.0	<0.001	0.003	2.8	2.5	<0.02	<0.02	<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	1.0	1.0	0.004	<0.001	2.2	2.5	<0.02	<0.02	<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	1.2	1.3	<0.001	<0.001	2.4	2.5	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0		
						M	0.16	313	18.2	18.1	34.1	34.1	8.3	8.3	106.3	106.3	8.2	8.2	1.4	1.3	<0.001	<0.001	2.6	2.5	<0.02	<0.02	<1.0	<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	1.3	1.3	<0.001	<0.001	2.5	3.1	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0		
							0.08	24	18.2	18.2	34.1	34.1	8.3	8.3	105.7	105.7	8.1	8.1	1.3	1.3	<0.001	<0.001	3.6	3.1	<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: 2024/02/15

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current Velocity (m/s)	Current Direction	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)								
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	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	108.9	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	<1.0	<1.0					
							0.19	142	20.0	19.3	33.9	33.9	8.3	8.3	109.6	106.7	8.1	8.1	1.7	1.7	<0.001	<0.001	2.6	2.7	0.12	0.11	<1.0	<1.0	<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	8.1	8.1	1.7	1.7	<0.001	<0.001	2.4	2.3	0.10	0.11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
						M	0.17	351	19.2	19.2	33.9	33.9	8.2	8.2	107.3	103.4	8.2	8.2	1.9	2.0	<0.001	<0.001	2.2	2.0	0.12	0.13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<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	<1.0	<1.0	<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	103.4	7.9	7.9	2.1	2.1	<0.001	<0.001	2.2	2.0	0.12	0.13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<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	113.2	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	<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	3.0	0.04	0.04	<1.0	<1.0	<1.0	<1.0	<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	0.8	0.8	<0.001	<0.001	3.1	3.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
						M	0.27	1	19.5	19.5	34.2	34.2	8.3	8.3	109.1	108.6	8.2	8.2	0.8	0.8	<0.001	<0.001	2.9	2.6	0.02	0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<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	<1.0	<1.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
IM6	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	<1.0	<1.0	<1.0					
						0.17	284	19.3	19.3	34.0	34.0	8.3	8.3	105.4	105.0	7.9	7.9	1.1	1.1	<0.001	<0.001	1.2	1.3	0.05	0.05	<1.0	<1.0	<1.0	<1.0	<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	<1.0	<1.0	<1.0	<1.0				
					M	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	<1.0	<1.0	<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	<1.0	<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	<1.0	<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	<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	<0.001	<0.001	2.7	2.9	0.05	0.05	<1.0	<1.0	<1.0	<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	<1.0	<1.0	<1.0	<1.0				
					M	0.3	355	19.3	19.3	34.0	34.0	8.2	8.2	104.3	104.2	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	<1.0	<1.0	<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	<0.001	1.8	1.7	0.05	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<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	104.8	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	<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: 2024/02/23

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	DA*	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										
							0.19	4	20.9		33.2		8.2		100.1		7.4		1.0		<0.001		1.4		1.4		0.19		1.1									
							0.22	317	20.9	20.8	33.1	33.1	8.2	8.2	99.6	99.7	7.3	7.3	1.4	1.4	<0.001	<0.001	1.8	1.7	1.8	1.7	0.20	0.20	<1.0	<1.0								
						M	0.26	288	20.8	20.8	33.1		8.2		100.7		7.4		1.5		<0.001		2.5		2.5		0.20		<1.0		<1.0							
							0.20	323	20.8		33.1		8.2		99.8		7.4		1.4		<0.001		2.3		2.3		0.19		<1.0		<1.0							
							0.05	165	20.5	20.5	33.3	33.3	8.2	8.2	99.7	99.6	7.4	7.4	1.2	1.2	<0.001	<0.001	2.9	2.8	2.9	2.8	0.28	0.27	4.4	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	0.8	0.8	1.1	1.1	0.002	0.004	0.002	2.6	2.5	2.5	0.21	1.7	1.6					
							0.06	274	20.5		33.3		8.2		99.4		7.4		0.8		0.003		2.7		2.7		0.25		3.6		4.0							
							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	1.4	<0.001	<0.001	2.1	2.2	2.1	2.2	0.18	0.18	1.2	1.2								
						M	0.11	312	20.5	20.5	33.3		8.2		99.6		7.4		1.4		<0.001		2.2		2.2		0.17		1.1		<1.0		<1.0					
							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	<1.0	<1.0	<1.0	<1.0	0.23	0.25	<1.0	<1.0								
							0.41	235	20.7	20.7	33.7	33.7	8.3	8.2	104.2	104.2	7.7	7.7	0.1	0.1	<0.001	<0.001	1.5	1.4	1.5	1.4	0.16	0.16	<1.0	<1.0								
IM6	Cloudy	Rough	6:02	16.0	S	0.28	229	20.6	20.6	33.6	33.6	8.3	8.3	105.0	105.0	7.7	7.7	7.7	7.7	1.0	1.0	1.3	1.3	0.003	0.003	0.003	1.3	1.4	2.5	0.13	0.13	0.13	0.13					
						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	<0.001	1.5	1.4	1.5	1.4	0.19	0.19	<1.0	<1.0									
						0.11	270	20.6	20.6	33.6		8.3		104.9		7.7		0.9		<0.001		2.6		2.6		0.12		<1.0		<1.0								
					M	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	3.6	3.8	3.6	3.8	0.08	0.08	<1.0	<1.0									
						0.08	6	20.5	20.5	33.8		8.3		104.8		7.7		2.8		0.007	0.004	3.9		3.9		0.08		<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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value
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	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	101.5	7.6	7.6	2.4	2.4	<0.001	<0.001	2.7	2.3	0.08	0.08	<1.0	<1.0			
							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	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	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	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	100.4	7.6	7.4	4.8	4.9	<0.001	<0.001	2.8	2.5	0.09	0.09	<1.0	<1.0			
	IM6	Cloudy	Rough	13:34	17.0	S	0.21	64	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	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	1.2	1.3	0.03	0.03	<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	1.7	1.9	0.04	0.04	<1.0	<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	2.0	<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	100.5	7.4	7.4	1.3	1.3	0.011	0.006	<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	<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	<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	<1.0	<1.0	<0.02	<0.02	<1.0	<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	1.2	1.3	<0.001	<0.001	<1.0	<1.0	<0.02	<0.02	<1.0	<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	<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	<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	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	1.5	1.6	<0.02	<0.02	<1.0	<1.0			
							0.22	276	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	2.0	1.6	<0.02	<0.02	<1.0	<1.0			<1.0
							0.2	335	20.6	20.6	34.4	34.4	8.2	8.2	100.5	100.5	7.4	7.4	1.7	1.7	<0.001	<0.001	1.1	1.1	0.03	0.03	<1.0	<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	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	100.9	7.4	7.4	2.3	2.3	<0.001	<0.001	2.4	2.4	<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	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
Mid-Ebb	E2	Cloudy	Moderate	9:48	9.0	S	0.25	288	20.1	20.1	34.2	34.2	8.3	8.3	102.6	102.6	7.6	7.6	7.6	1.7	1.7	<0.001	<0.001	1.2	1.3	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
							0.05	258	20.1	20.1	34.2	34.2	8.3	8.3	102.6	102.6	7.6	7.6	7.6	1.7	1.7	<0.001	<0.001	1.3	1.3	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.37	324	20.1	20.1	34.2	34.2	8.3	8.3	102.7	102.7	7.6	7.6	7.6	2.2	2.3	<0.001	<0.001	1.8	1.7	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
						M	0.13	160	20.1	20.1	34.2	34.2	8.3	8.3	102.7	102.7	7.6	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.18	205	20.1	20.1	34.2	34.2	8.3	8.3	103.1	103.0	7.7	7.6	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.22	249	20.6	20.6	34.2	34.2	8.3	8.3	102.9	101.1	7.6	7.4	7.4	2.9	2.9	<0.001	<0.001	2.6	2.6	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
	IM6	Cloudy	Moderate	9:16	17.0	S	0.25	245	20.1	20.6	34.4	34.4	8.3	8.3	101.1	101.1	7.4	7.4	7.4	1.4	1.4	<0.001	<0.001	<1.0	<1.0	0.05	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
							0.25	245	20.6	20.6	34.4	34.4	8.3	8.3	101.0	101.1	7.4	7.4	7.4	1.3	1.4	<0.001	<0.001	<1.0	<1.0	0.07	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.30	269	20.6	20.6	34.4	34.4	8.3	8.3	101.1	101.1	7.4	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	<1.0	<1.0	<1.0	<1.0		
						M	0.30	269	20.6	20.6	34.4	34.4	8.3	8.3	101.1	101.1	7.4	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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.21	355	20.6	20.6	34.4	34.4	8.3	8.3	102.1	101.8	7.5	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	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.26	294	20.6	20.6	34.4	34.4	8.3	8.3	101.4	101.4	7.4	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	<1.0	<1.0	<1.0	<1.0	<1.0	
IM6	Cloudy	Moderate	9:16	17.0	B	0.21	355	20.6	20.6	34.4	34.4	8.3	8.3	102.1	101.8	7.5	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	<1.0	<1.0	<1.0				
						0.26	294	20.6	20.6	34.4	34.4	8.3	8.3	101.4	101.4	7.4	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	<1.0	<1.0	<1.0				
						0.17	328	20.6	20.6	34.4	34.4	8.3	8.3	103.5	103.8	7.6	7.6	7.6	1.3	1.3	<0.001	<0.001	<1.0	<1.0	0.07	0.07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
					S	0.28	242	20.6	20.6	34.4	34.4	8.3	8.3	102.4	102.7	7.5	7.5	7.5	1.2	1.3	<0.001	<0.001	<1.0	<1.0	0.07	0.07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
						0.04	41	20.6	20.6	34.4	34.4	8.3	8.3	102.9	102.7	7.6	7.5	7.5	1.2	1.3	<0.001	<0.001	1.2	1.3	0.06	0.07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
						0.26	309	20.6	20.6	34.4	34.4	8.3	8.3	102.6	102.3	7.5	7.5	7.5	10.0	9.7	<0.001	<0.001	1.5	1.4	0.06	0.07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
IM6	Cloudy	Moderate	14:10	16.0	M	0.27	314	20.7	20.7	34.4	34.4	8.3	8.3	102.6	102.8	7.5	7.5	7.5	2.1	2.0	<0.001	<0.001	1.9	1.9	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
						0.24	244	20.8	20.7	34.4	34.4	8.3	8.3	103.0	102.8	7.5	7.5	7.5	1.9	2.0	<0.001	<0.001	1.8	1.9	0.06	0.06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
						0.06	241	20.7	20.7	34.4	34.4	8.3	8.3	101.7	101.7	7.5	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	<1.0	<1.0	<1.0				
					S	0.22	318	20.7	20.7	34.4	34.4	8.3	8.3	101.7	101.7	7.5	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	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.09	228	20.6	20.6	34.4	34.4	8.2	8.2	102.1	101.8	7.5	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	<1.0	<1.0	<1.0	<1.0			
						0.09	228	20.6	20.6	34.4	34.4	8.2	8.2	101.5	101.5	7.5	7.5	7.5	2.4	2.5	<0.001	<0.001	1.6	1.6	0.07	0.07	<1.0	<1.0	<1.0	<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: 2024/03/14

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current Velocity (m/s)	Current Direction	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)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
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	<1.0	<1.0
							0.30	66	19.8	19.8	34.0	34.0	8.2	8.2	104.5	104.4	7.8	7.8	2.1	2.1	<0.001	<0.001	1.9	1.8	0.14	0.14	<1.0	<1.0	<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	<1.0	<1.0
							0.14	65	19.7	19.7	34.1	34.1	8.2	8.2	102.6	102.5	7.7	7.7	2.2	2.3	<0.001	<0.001	2.2	2.4	0.13	0.13	<1.0	<1.0	<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	3.3	3.2	0.11	0.12	<1.0	<1.0	<1.0	<1.0
							0.26	60	19.5	19.5	34.1	34.1	8.2	8.2	100.9	100.9	7.6	7.6	3.7	3.7	<0.001	<0.001	3.0	3.0	0.12	0.12	<1.0	<1.0	<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	<1.0	<1.0	<1.0	<1.0
							0.29	114	19.5	19.5	34.2	34.2	8.2	8.2	99.5	99.5	7.5	7.5	2.2	2.2	<0.001	<0.001	2.5	2.5	0.07	0.07	<1.0	<1.0	<1.0	<1.0
							0.27	343	19.6	19.6	34.1	34.1	8.2	8.2	100.0	100.0	7.5	7.5	2.2	2.2	<0.001	<0.001	2.5	2.5	0.04	0.04	<1.0	<1.0	<1.0	<1.0
							0.31	109	19.5	19.5	34.2	34.2	8.2	8.2	99.4	99.5	7.5	7.5	3.0	2.9	<0.001	<0.001	2.1	2.1	0.04	0.04	<1.0	<1.0	<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	<1.0	<1.0
							0.11	270	19.6	19.6	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	<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	<1.0	<1.0	<1.0	<1.0
							0.47	311	19.4	19.4	34.2	34.2	8.3	8.3	99.9	99.7	7.5	7.5	2.4	2.4	<0.001	<0.001	1.7	1.7	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							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	2.1	2.2	0.11	0.12	<1.0	<1.0	<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	<1.0	<1.0	<1.0	<1.0
							0.36	290	19.4	19.4	34.2	34.2	8.3	8.3	100.0	100.0	7.5	7.5	5.2	5.2	<0.001	<0.001	2.9	2.8	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							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	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Rough	7:50	16.8	M	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	3.4	<0.001	<0.001	3.1	3.2	0.08	0.09	<1.0	<1.0	<1.0	<1.0
							0.03	268	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	0.09	<1.0	<1.0	<1.0	<1.0
							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	<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	4.2	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							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	4.7	<0.001	0.004	4.0	4.2	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							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	4.7	<0.001	0.007	4.0	4.2	0.08	0.08	<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: 2024/03/21

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)									
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average		
Mid-Ebb	E2	Fine	Calm	10:47	9.0	S	0.07	305	20.4	20.4	DA	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	<1.0					
							0.18	176	20.4			33.7	33.7	8.2	8.2	115.0	115.0	8.5	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	<1.0					
							0.31	16	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	2.6	2.7	0.14	0.14	0.14	0.14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
							0.31	16	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
							0.16	100	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	<1.0	<1.0	<1.0	<1.0
							0.07	352	20.4			33.8	33.8	8.2	8.2	112.2	102.8	8.3	7.6	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	<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	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.21	221	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	3.2	3.5	4.2	4.0	0.07	0.08	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.05	330	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	3.6	3.5	4.2	4.0	0.07	0.08	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.08	288	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	3.8	3.8	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.16	233	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	4.6	4.7	4.6	0.09	0.09	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.36	275	21.0			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	3.8	3.7	0.06	0.06	0.06	0.06	<1.0	<1.0	<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	103.1	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	<1.0					
							0.21	259	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	0.06	0.07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.28	254	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	3.0	3.2	0.06	0.07	0.06	0.07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.08	293	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	<1.0	<1.0		
							0.24	287	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	<1.0	<1.0		
							0.51	266	20.8			34.4	34.4	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	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
	IM6	Fine	Calm	15:04	17.0	M	0.34	240	20.8	20.8	20.8	34.1	34.1	8.2	8.2	106.4	106.0	7.7	7.8	1.6	1.6	<0.001	0.001	2.3	2.5	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0					
							0.51	266	20.8			34.1	34.1	8.2	8.2	106.4	106.0	7.7	7.8	1.6	1.6	<0.001	0.001	2.3	2.5	0.10	0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.27	288	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	<1.0	<1.0	<1.0	
							0.29	29	20.7			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	2.9	0.09	0.09	0.09	0.09	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.29	29	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	3.4	0.08	0.08	0.08	0.08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.29	29	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	<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	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	13:37	9.1	S	0.16	136	23.1	23.1	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	1.0	1.0
							0.24	129	23.1	22.8	33.2	33.3	8.4	8.4	135.2	135.2	9.6	9.6	0.1	0.1	<0.001	<0.001	1.8	1.7	0.12	0.12	1.0	1.1	1.0	1.0
							0.49	52	22.8	22.8	33.3	33.3	8.4	9.4	135.0	135.2	9.6	9.6	0.3	0.3	<0.001	<0.001	2.2	2.3	0.11	0.10	<1.0	<1.0	<1.0	<1.0
							0.25	32	22.8	22.5	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	<1.0	<1.0
							0.11	130	22.5	22.5	33.3	33.3	8.4	8.4	120.7	124.8	8.6	89.0	1.4	1.3	<0.001	<0.001	2.6	2.7	0.11	0.10	<1.0	<1.0	<1.0	<1.0
							0.22	86	22.4	22.4	33.4	33.3	8.4	8.4	128.9	114.3	9.2	7.9	0.2	0.2	<0.001	<0.001	2.7	2.7	0.12	0.10	1.4	1.4	<1.0	<1.0
	IM6	Cloudy	Calm	13:04	17.0	S	0.13	153	22.3	22.4	33.7	33.5	8.3	8.3	110.7	114.3	7.9	7.9	0.2	0.2	<0.001	<0.001	2.9	2.8	0.09	0.10	0.08	0.08	1.1	1.1
							0.30	63	21.9	21.9	34.3	34.3	8.2	8.2	105.7	105.8	7.6	7.6	0.2	0.2	<0.001	<0.001	2.6	2.5	0.11	0.10	<1.0	<1.0	<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	<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	<1.0	<1.0
							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	<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	<1.0	<1.0
Mid-Flood	F3	Cloudy	Calm	7:05	18.0	M	0.17	321	21.9	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	0.09	0.08	<1.0	<1.0
							0.17	321	21.9	21.9	34.4	34.4	8.3	8.3	106.1	106.1	7.6	7.6	0.6	0.6	<0.001	0.014	2.2	2.4	0.08	0.08	<1.0	<1.0	<1.0	<1.0
							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	<1.0	<1.0
							0.2	319	21.9	21.9	34.4	34.4	8.3	8.3	106.0	106.2	7.6	7.6	1.1	1.1	<0.001	<0.001	3.1	3.0	0.08	0.08	<1.0	<1.0	<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	<1.0	<1.0
							0.32	278	22.0	22.0	33.4	33.4	8.4	8.4	124.6	123.7	9.0	8.9	0.2	0.2	<0.001	<0.001	1.3	1.4	0.13	0.13	<1.0	<1.0	<1.0	<1.0
	IM6	Cloudy	Calm	6:52	16.0	M	0.15	325	22.0	22.0	33.8	33.8	8.4	8.4	117.4	118.5	8.4	8.5	0.3	0.3	<0.001	<0.001	1.8	1.7	0.13	0.13	0.12	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	<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	<0.001	2.0	2.2	0.08	0.10	1.3	1.3	<1.0	<1.0
							0.23	335	22.0	22.0	34.1	34.1	8.3	8.3	114.4	114.4	8.2	8.2	0.5	0.5	0.087	0.044	2.3	2.2	0.10	0.10	1.3	1.3	<1.0	<1.0
							0.15	325	22.0	22.0	33.8	33.8	8.4	8.4	117.4	118.5	8.4	8.5	0.3	0.3	<0.001	<0.001	1.8	1.7	0.13	0.13	0.12	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	<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: 2024/04/05

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*	Value	Average	DA*					
Mid-Ebb	E2	Cloudy	Moderate	10:05	9.2	S	0.32	41	25.0	25.0	24.7	29.6	29.6	8.5	8.5	111.8	112.0	7.8	7.8	0.6	0.6	0.8	<0.001	<0.001	1.2	1.3	1.8	1.8	0.25	0.26	1.1	1.1	1.1					
							0.37	13	25.0	29.6		29.6	8.5	8.5	112.1	112.0	7.8	7.8	0.6	0.6	<0.001	<0.001	1.4	1.3	0.26	0.26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.27	49	24.8	30.0		30.1	8.4	8.4	109.3	110.0	7.6	7.7	0.6	0.6	<0.001	<0.001	1.8	1.8	0.24	0.24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	
						0.23	49	24.7	30.2	30.9		8.4	8.4	110.7	110.0	7.8	7.7	0.6	0.6	<0.001	<0.001	1.7	1.8	0.24	0.24	<1.0	<1.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
						0.11	253	24.3	31.0	30.9		8.4	8.4	104.6	104.6	7.3	7.3	1.3	1.3	<0.001	<0.001	2.4	2.3	0.20	0.20	1.3	1.3	0.20	0.20	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
						0.28	112	24.3	30.9	30.9		8.4	8.4	104.5	104.5	7.3	7.3	1.3	1.3	<0.001	<0.001	2.1	2.1	0.19	0.19	1.3	1.3	0.19	0.19	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	IM6	Cloudy	Moderate	9:29	17.0	S	0.28	112	24.3	30.0	30.0	8.4	8.4	106.7	107.9	7.5	7.5	0.4	0.4	0.4	0.4	1.6	<0.001	<0.001	<1.0	<1.0	0.24	0.24	0.10	0.10	0.10	0.10	0.10	0.10	<1.0	<1.0	<1.0	
							0.19	41	24.8	30.0	30.0	8.4	8.4	109.1	107.9	7.6	7.5	0.4	0.4	<0.001	<0.001	<1.0	<1.0	0.23	0.24	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
							0.08	247	23.0	33.6	33.6	8.3	8.3	96.9	97.3	6.9	6.9	1.2	1.2	<0.001	<0.001	<1.0	<1.0	0.04	0.04	<1.0	<1.0	0.04	0.04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
						0.26	157	22.9	33.7	34.1	8.3	8.3	97.7	96.5	6.9	6.8	1.2	1.2	0.003	0.002	<1.0	<1.0	0.04	0.04	<1.0	<1.0	0.04	0.04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.28	18	22.6	34.1	34.1	8.3	8.3	96.5	96.1	6.8	6.8	3.2	3.1	<0.001	<0.001	2.3	2.4	<0.02	<0.02	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
						0.25	143	22.6	34.1	34.1	8.3	8.3	95.6	96.8	6.8	6.8	3.0	3.0	<0.001	<0.001	2.5	2.4	<0.02	<0.02	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Mid-Flood	F3	Cloudy	Rough	14:31	8.3	S	0.28	13	25.4	28.9	28.9	8.4	8.4	112.4	111.8	7.8	7.8	0.1	0.1	1.0	<0.001	0.004	1.1	1.2	0.28	0.28	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15				
							0.06	9	25.4	28.9	28.9	8.4	8.4	111.2	111.8	7.8	7.8	0.1	0.1	0.006	0.004	1.3	1.2	0.28	0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.35	340	24.0	31.7	31.6	8.3	8.3	104.3	107.2	7.3	7.5	0.3	0.3	<0.001	<0.001	1.8	1.7	0.14	0.14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
						0.17	275	24.0	31.6	31.6	8.3	8.3	110.1	107.2	7.7	7.7	0.3	0.3	<0.001	<0.001	1.6	1.7	0.14	0.14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
						0.13	241	22.6	34.1	34.2	8.2	8.2	97.3	96.7	6.9	6.9	2.6	2.6	<0.001	<0.001	3.1	3.0	<0.02	<0.02	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.1	249	22.6	34.1	34.1	8.2	8.2	96.1	96.7	6.8	6.8	2.6	2.6	<0.001	<0.001	2.8	2.8	<0.02	<0.02	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
	IM6	Cloudy	Rough	14:14	17.0	S	0.27	348	25.4	28.9	28.9	8.4	8.4	111.6	111.3	7.8	7.8	0.1	0.1	0.1	0.1	1.2	<0.001	0.003	1.6	1.5	0.29	0.29	0.16	0.16	0.16	0.16	0.16	0.16	0.16			
							0.16	309	25.4	28.9	28.9	8.4	8.4	111.0	111.3	7.7	7.7	0.1	0.1	0.005	0.003	1.4	1.4	0.28	0.28	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.24	261	24.2	31.3	31.6	8.3	8.3	108.2	109.4	7.6	7.7	0.4	0.4	<0.001	<0.001	2.2	2.4	0.18	0.18	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
						0.29	195	23.9	31.9	31.9	8.3	8.3	110.5	109.4	7.8	7.7	0.4	0.4	<0.001	<0.001	2.5	2.4	0.17	0.17	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
						0.01	21	22.8	33.9	33.9	8.2	8.2	98.4	97.6	7.0	6.9	3.1	3.1	<0.001	<0.001	2.7	2.9	<0.02	<0.02	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.01	21	22.8	33.9	33.9	8.2	8.2	96.7	97.6	6.9	6.9	3.0	3.1	<0.001	<0.001	3.1	2.9	<0.02	<0.02	<1.0	<1.0	<0.02	<0.02	<1.0	<1.0	<1.0	<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: 2024/04/12

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average
Mid-Ebb	E2	Fine	Calm	14:23	9.0	S	0.31	115	25.4	25.4	24.6	30.9	30.9	8.3	8.3	107.0	106.2	7.4	7.3	1.4	1.4	<0.001	<0.001	1.8	1.9	0.30	0.30	<1.0	<1.0	1.3
							0.50	113	25.4	30.9		30.9	8.3	8.3	105.3	106.5	7.4	7.4	1.4	1.4	<0.001	<0.001	1.9	1.9	0.30	0.30	<1.0	<1.0		
							0.32	105	24.5	31.0		30.9	8.3	8.3	105.9	106.5	7.4	7.4	1.1	1.0	<0.001	<0.001	2.3	2.2	0.27	0.28	1.7	1.8		
						0.30	108	24.5	30.9	30.9		8.3	8.3	107.0	106.5	7.5	7.4	0.9	0.9	<0.001	<0.001	2.0	2.2	0.29	0.28	1.9	1.8			
						0.28	96	24.1	32.0	32.2		8.3	8.3	103.2	103.5	7.2	7.2	0.9	0.9	<0.001	0.002	2.6	2.6	0.20	0.22	<1.0	<1.0			
						0.12	58	24.0	32.3	32.2		8.3	8.3	103.8	103.5	7.3	7.3	0.9	0.9	0.003		2.5	2.5	0.23	0.22	<1.0	<1.0			
	IM6	Fine	Calm	13:51	17.0	S	0.29	154	24.9	24.9	24.1	29.1	29.1	8.3	8.3	107.5	107.6	7.6	7.6	0.5	0.5	<0.001	<0.001	1.2	1.2	0.44	0.44	<1.0	<1.0	0.21
							0.13	298	23.8	33.3		33.2	8.3	8.3	103.6	104.2	7.2	7.2	0.2	0.2	<0.001	<0.001	1.1	1.2	0.44	0.44	<1.0	<1.0		
							0.29	154	25.0	29.0		29.1	8.3	8.3	107.6	107.6	7.6	7.6	0.5	0.5	<0.001	<0.001	1.1	1.2	0.44	0.44	<1.0	<1.0		
						0.09	14	23.9	33.2	33.2		8.3	8.3	104.7	104.2	7.3	7.2	0.2	0.2	<0.001	<0.001	1.5	1.6	0.13	0.13	<1.0	<1.0			
						0.20	97	23.6	33.8	33.8		8.2	8.2	102.6	102.2	7.2	7.1	1.3	1.3	<0.001	<0.001	1.7	1.6	0.12	0.13	<1.0	<1.0			
						0.35	123	23.6	33.8	33.8		8.3	8.3	101.7	102.2	7.1	7.1	1.3	1.3	<0.001	<0.001	2.4	2.5	0.06	0.07	<1.0	<1.0			
Mid-Flood	F3	Cloudy	Calm	7:32	18.0	S	0.41	268	24.0	24.0	23.7	30.3	30.2	8.3	8.3	101.0	100.1	7.2	7.1	0.8	0.8	<0.001	<0.001	1.4	1.5	0.38	0.38	<1.0	<1.0	0.18
							0.42	286	23.7	30.2		30.2	8.3	8.3	99.2	100.1	7.0	7.1	0.7	0.7	<0.001	<0.001	1.6	1.5	0.38	0.38	<1.0	<1.0		
							0.48	340	23.7	33.7		33.7	8.3	8.3	101.3	101.8	7.1	7.1	0.3	0.3	<0.001	<0.001	2.6	2.5	0.09	0.09	<1.0	<1.0		
						0.28	304	23.5	33.7	33.7		8.3	8.3	100.1	100.0	7.0	7.0	2.5	2.5	<0.001	<0.001	2.3	2.5	0.09	0.09	<1.0	<1.0			
						0.11	321	23.5	33.7	33.7		8.3	8.3	99.9	100.0	7.0	7.0	2.5	2.5	<0.001	<0.001	3.5	3.4	0.06	0.07	<1.0	<1.0			
						0.09	253	24.1	28.8	28.6		8.3	8.3	99.8	99.2	7.1	7.1	0.9	1.0	<0.001	<0.001	1.3	1.2	0.49	0.52	<1.0	<1.0			
	IM6	Cloudy	Calm	7:18	17.0	S	0.09	232	24.1	24.1	23.8	28.5	28.6	8.3	8.3	98.6	99.2	7.0	7.1	1.0	1.0	<0.001	<0.001	1.1	1.2	0.54	0.52	<1.0	<1.0	0.24
							0.12	26	23.7	33.2		33.2	8.3	8.3	100.0	100.3	7.0	7.0	1.0	1.0	<0.001	<0.001	1.6	1.7	0.11	0.12	<1.0	<1.0		
							0.2	247	23.7	33.2		33.2	8.3	8.3	100.6	100.3	7.0	7.0	1.1	1.0	<0.001	<0.001	1.8	1.7	0.12	0.12	<1.0	<1.0		
						0.2	286	23.6	33.6	33.6		8.3	8.3	99.5	99.5	7.0	7.0	2.7	2.8	<0.001	<0.001	2.2	2.4	0.09	0.09	<1.0	<1.0			
						0.2	286	23.6	33.6	33.6		8.3	8.3	99.4	99.5	7.0	7.0	2.8	2.8	<0.001	<0.001	2.5	2.4	0.09	0.09	<1.0	<1.0			
						0.2	286	23.6	33.6	33.6		8.3	8.3	99.4	99.5	7.0	7.0	2.8	2.8	<0.001	<0.001	2.5	2.4	0.09	0.09	<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: 2024/04/16

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current Velocity (m/s)	Current Direction	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)	
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
Mid-Ebb	E2	Fine	Calm	18:43	9.0	S	0.05	229	26.1	26.1	27.7	27.7	8.7	8.7	152.0	157.8	10.5	10.9	1.1	1.1	<0.001	<0.001	3.2	3.5	0.38	0.37	2.4	2.5
							0.09	209	26.1	26.1	27.7	27.7	8.7	8.7	163.5	157.8	11.3	10.9	1.1	1.1	<0.001	<0.001	3.7	3.5	0.35	0.37	2.6	2.5
							0.23	87	24.8	24.8	30.6	30.5	8.4	8.5	97.5	103.6	6.8	7.2	0.8	0.9	<0.001	<0.001	2.8	2.9	0.26	0.26	1.3	1.2
							0.17	97	24.9	24.8	30.5	30.5	8.5	8.5	109.6	103.6	7.6	7.2	0.9	0.9	<0.001	<0.001	3.0	2.9	0.26	0.26	1.1	1.2
							0.27	64	24.1	24.1	32.7	32.9	8.3	8.3	104.6	99.5	7.3	6.9	1.5	1.7	<0.001	<0.001	2.4	2.6	0.16	0.15	1.3	1.4
							0.20	43	24.1	24.1	33.1	32.9	8.3	8.3	94.4	99.5	6.6	6.9	1.8	1.7	<0.001	<0.001	2.7	2.6	0.14	0.14	1.4	1.4
	IM6	Fine	Calm	18:10	17.0	S	0.38	149	26.9	26.9	24.1	24.1	8.7	8.7	136.8	143.4	9.5	10.0	1.3	1.3	<0.001	<0.001	3.5	3.8	0.61	0.61	2.8	2.7
							0.36	134	27.0	26.9	24.0	24.1	8.7	8.7	150.0	143.4	10.5	10.0	1.2	1.3	<0.001	<0.001	4.0	3.8	0.61	0.61	2.6	2.7
							0.03	136	24.1	24.1	32.9	32.9	8.4	8.4	102.5	104.7	7.1	7.3	0.3	0.3	<0.001	<0.001	1.5	1.4	0.09	0.09	<1.0	<1.0
							0.03	136	24.2	24.1	32.8	32.9	8.4	8.4	106.9	104.7	7.4	7.3	0.2	0.2	<0.001	<0.001	1.2	1.4	0.09	0.09	<1.0	<1.0
							0.16	327	24.0	24.0	34.0	34.0	8.3	8.3	105.0	102.1	7.3	7.1	1.0	1.0	<0.001	0.001	3.1	2.9	0.06	0.06	<1.0	<1.0
							0.16	166	24.0	24.0	34.0	34.0	8.3	8.3	99.2	102.1	6.9	7.1	1.0	1.0	0.001	0.001	2.7	2.9	0.05	0.06	<1.0	<1.0
Mid-Flood	F3	Cloudy	Calm	5:57	18.0	S	0.06	294	25.2	25.2	25.5	25.9	8.5	8.5	108.3	112.2	7.7	8.0	0.9	1.0	<0.001	<0.001	2.4	2.6	0.62	0.58	<1.0	<1.0
							0.16	75	25.2	25.2	26.3	26.9	8.5	8.5	116.1	112.2	8.2	8.0	1.1	1.0	<0.001	<0.001	2.7	2.6	0.53	0.58	<1.0	<1.0
							0.14	342	24.1	24.1	33.9	33.9	8.3	8.3	96.4	96.4	6.7	6.7	0.5	0.5	<0.001	<0.001	1.3	1.4	0.05	0.05	<1.0	<1.0
							0.07	246	24.1	24.1	33.9	33.9	8.3	8.3	96.7	96.4	6.7	6.7	0.5	0.5	<0.001	<0.001	1.4	1.4	0.05	0.05	<1.0	<1.0
							0.06	216	24.1	24.1	34.1	34.1	8.3	8.3	96.5	97.5	6.9	6.7	2.3	2.5	<0.001	<0.001	3.1	3.2	0.04	0.04	<1.0	<1.0
							0.11	345	24.1	24.1	34.1	34.1	8.3	8.3	96.4	97.5	6.7	6.7	2.6	2.5	<0.001	<0.001	3.2	3.2	0.04	0.04	<1.0	<1.0
	IM6	Cloudy	Calm	5:39	16.0	S	0.25	134	25.2	25.3	28.9	28.4	8.4	8.4	112.0	117.4	7.8	8.2	0.8	0.8	<0.001	<0.001	2.7	2.7	0.34	0.32	<1.0	<1.0
							0.25	134	25.4	25.3	28.0	28.4	8.5	8.5	122.8	117.4	8.6	8.2	0.8	0.8	<0.001	<0.001	2.7	2.7	0.29	0.32	<1.0	<1.0
							0.11	7	24.2	24.2	33.5	33.3	8.3	8.3	96.6	97.9	6.7	6.8	0.7	0.7	<0.001	<0.001	1.6	1.7	0.11	0.11	<1.0	<1.0
							0.32	8	24.2	24.2	33.2	33.3	8.3	8.3	99.1	97.9	6.9	6.8	0.6	0.6	<0.001	<0.001	1.8	1.7	0.10	0.11	<1.0	<1.0
							0.23	325	24.1	24.1	34.1	34.1	8.3	8.3	99.7	98.5	6.9	6.8	2.0	2.2	<0.001	<0.001	2.6	2.6	0.04	0.04	<1.0	<1.0
							0.11	241	24.1	24.1	34.1	34.1	8.3	8.3	97.2	98.5	6.7	6.8	2.4	2.2	<0.001	<0.001	2.4	2.6	0.04	0.04	<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: 2024/04/23

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current Velocity (m/s)	Current Direction	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)																						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average															
Mid-Ebb	E2	Rainy	Moderate	12:06	9.0	S	0.21	112	25.2	25.2	25.5	25.5	8.3	8.3	83.5	84.1	6.0	6.0	1.2	1.2	<0.001	<0.001	1.7	1.6	0.63	0.63	<1.0	<1.0																					
							0.21	112	25.2				25.2	25.5	25.5	8.3	8.3	84.6	84.1	6.0	6.0	1.2	1.2	<0.001	<0.001	1.5	1.6	0.63	0.63	<1.0	<1.0																		
							0.04	294	25.2				25.2	27.1	27.1	8.4	8.4	77.5	78.7	5.5	5.6	1.0	1.1	<0.001	0.001	1.8	1.8	0.51	0.51	<1.0	<1.0																		
							0.14	142	25.3				25.2	27.1	27.1	8.4	8.4	79.9	78.7	5.6	5.6	1.1	1.1	<0.001	<0.001	1.8	1.8	0.51	0.51	<1.0	<1.0																		
							0.52	27	25.0				25.0	29.4	29.2	8.3	8.3	83.1	79.1	5.8	5.5	5.8	6.4	<0.001	<0.001	3.4	3.5	0.44	0.43	<1.0	<1.0																		
							0.43	123	25.0				25.0	29.1	29.2	8.3	8.3	75.1	79.1	5.3	5.3	6.9	6.4	<0.001	<0.001	3.6	3.5	0.42	0.43	<1.0	<1.0																		
	IM6	Rainy	Moderate	11:28	17.0	S	0.13	69	25.3	25.3	24.4	24.4	24.4	8.4	8.4	84.2	85.5	6.0	6.1	0.4	0.4	<0.001	<0.001	1.6	1.6	0.66	0.66	<1.0	<1.0																				
							0.28	100	25.3					25.3	24.4	24.4	8.4	8.4	86.8	85.5	6.2	6.1	0.4	0.4	<0.001	<0.001	1.5	1.6	0.65	0.66	<1.0	<1.0																	
							0.36	49	24.8					24.9	28.4	27.6	8.3	8.3	74.8	75.9	5.3	5.4	1.5	1.4	<0.001	<0.001	1.9	1.9	0.52	0.54	<1.0	<1.0																	
							0.36	49	24.9					24.9	26.8	27.6	8.3	8.3	76.9	75.9	5.5	5.4	1.3	1.4	<0.001	<0.001	1.8	1.9	0.56	0.54	<1.0	<1.0																	
							0.22	128	24.1					24.1	33.7	33.7	8.2	8.2	78.8	76.8	5.5	5.3	5.1	5.8	<0.001	<0.001	6.0	6.1	0.10	0.10	<1.0	<1.0																	
							0.39	159	24.1					24.1	33.7	33.7	8.3	8.2	74.7	76.8	5.2	5.3	6.5	5.8	<0.001	<0.001	6.2	6.1	0.09	0.10	<1.0	<1.0																	
Mid-Flood	F3	Cloudy	Moderate	17:53	18.0	S	0.08	49	24.7	24.7	11.3	12.0	8.3	8.3	81.7	82.7	6.4	6.4	4.6	4.9	<0.001	0.001	3.9	4.1	1.40	1.50	<1.0	<1.0	<1.0	<1.0																			
							0.25	23	24.7																						24.7	12.7	12.0	8.2	8.3	83.6	82.7	6.5	6.4	5.2	4.9	<0.001	<0.001	4.2	4.1	1.59	1.50	<1.0	<1.0
							0.41	312	24.8																						24.8	29.8	29.5	8.4	8.3	80.2	80.0	5.6	5.6	1.1	1.2	<0.001	0.004	2.6	2.5	0.36	0.36	<1.0	<1.0
							0.39	293	24.8																						24.8	29.2	29.5	8.3	8.3	79.7	80.0	5.6	5.6	1.3	1.2	0.006	0.004	2.3	2.5	0.35	0.36	<1.0	<1.0
							0.39	309	24.0																						24.0	33.9	33.9	8.3	8.3	81.6	80.8	5.7	5.6	9.5	9.7	<0.001	<0.001	14.2	14.5	0.07	0.44	<1.0	<1.0
							0.3	309	24.0																						24.0	33.9	33.9	8.3	8.3	79.9	80.8	5.5	5.6	9.9	9.7	<0.001	<0.001	14.8	14.5	0.89	0.44	<1.0	<1.0
	IM6	Cloudy	Moderate	17:37	16.0	S	0.09	243	24.8	24.8	24.3	24.0	8.3	8.3	79.4	80.0	5.7	5.8	1.8	2.0	<0.001	<0.001	3.4	3.3	0.78	0.78	<1.0	<1.0	<1.0	<1.0																			
							0.34	359	24.8																						24.8	23.8	24.0	8.3	8.3	80.6	80.0	5.8	5.8	2.2	2.0	<0.001	<0.001	3.1	3.3	0.78	0.78		
							0.28	37	24.6																						24.6	30.1	30.1	8.3	8.3	79.0	78.8	5.5	5.5	2.1	1.9	<0.001	<0.001	2.4	2.3	0.37	0.36	<1.0	<1.0
							0.28	37	24.6																						24.6	30.1	30.1	8.3	8.3	78.5	78.8	5.5	5.5	1.6	1.9	<0.001	<0.001	2.2	2.3	0.35	0.36	<1.0	<1.0
							0.08	54	24.1																						24.1	33.6	33.6	8.3	8.3	79.8	79.3	5.5	5.5	10.7	10.9	<0.001	<0.001	16.6	17.1	0.07	0.08	<1.0	<1.0
							0.13	116	24.1																						24.1	33.6	33.6	8.3	8.3	78.8	79.3	5.5	5.5	11.1	10.9	<0.001	<0.001	17.5	17.1	0.08	0.08	<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: 2024/04/29

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity (m/s)	Current Direction	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)						
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value
Mid-Ebb	E2	Cloudy	Calm	15:04	9.0	S	0.28	80	25.5	25.2	24.1	24.3	8.3	8.3	93.5	93.6	6.7	6.7	2.3	2.3	<0.001	<0.001	2.7	2.6	0.84	0.84	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.43	75	25.4		24.5	24.3	8.3	8.3	93.7	93.6	6.7	6.7	2.2	2.3	<0.001	<0.001	2.5	2.6	0.83	0.84	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.41	114	25.2		26.3	26.3	8.3	8.3	91.8	91.3	6.5	6.5	1.9	1.9	<0.001	0.001	4.2	4.5	0.66	0.67	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.24	131	25.2	26.3		26.3	8.3	8.3	90.8		6.4	6.5	1.8	1.9	0.001		4.8	4.5	0.68		<1.0		<1.0		<1.0		<1.0		<1.0	<1.0
						0.18	71	25.0	25.2		25.2	8.4	8.4	93.6	92.9	6.6	6.5	2.0	2.0	<0.001	<0.001	5.9	5.7	0.47	0.49	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
						0.24	92	25.0	25.2		25.2	8.4	8.4	92.1		6.5	6.5	1.9	2.0	<0.001	<0.001	5.4		0.50		<1.0		<1.0		<1.0		<1.0		<1.0	<1.0
	IM6	Cloudy	Calm	14:32	17.0	S	0.51	182	26.0	25.3	24.2	24.2	8.4	8.3	100.6	100.9	7.1	7.1	0.7	0.7	<0.001	<0.001	2.0	2.2	0.80	0.81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.43	97	25.4		24.2	24.2	8.3	8.3	101.2		7.2	7.1	0.6	0.7	<0.001	<0.001	2.4	2.8	0.82	0.81	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
							0.12	116	25.3		29.7	29.6	8.4	8.4	96.4	97.3	6.7	6.8	0.2	0.2	<0.001	<0.001	2.7	2.8	0.37	0.37	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
						0.15	122	24.7	29.5		29.6	8.4	8.4	98.1		6.8	6.8	0.2	0.2	<0.001	<0.001	2.8	2.8	0.37	0.37	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.19	94	24.7	32.6		32.6	8.3	8.3	91.1	89.6	6.3	6.2	5.6	5.6	<0.001	0.005	4.2	4.5	0.22	0.21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.19	237	25.0	32.5		32.6	8.3	8.3	98.0		6.1	6.2	5.5	5.6	0.008		4.8		0.23		<1.0		<1.0		<1.0		<1.0		<1.0	<1.0
Mid-Flood	F3	Cloudy	Rough	7:21	18.0	S	0.1	339	25.0	24.9	26.9	26.3	8.4	8.4	92.4	92.1	6.6	6.6	0.7	0.7	<0.001	<0.001	2.5	2.0	0.72	0.80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.36	292	25.1		25.7	26.3	8.4	8.4	91.7		6.6	6.6	0.6	0.6	<0.001	<0.001	1.4	2.0	0.87	0.80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.39	247	25.1		29.7	29.7	8.4	8.4	94.4	93.6	6.6	6.5	0.2	0.2	<0.001	<0.001	1.5	1.6	0.41	0.44	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.48	221	24.6	29.7		29.7	8.4	8.4	92.8		6.5	6.5	0.2	0.2	<0.001	<0.001	1.6	1.6	0.46		<1.0		<1.0		<1.0		<1.0	<1.0		
						0.11	213	24.5	33.0		33.0	8.4	8.4	87.4	85.6	6.0	5.9	4.2	4.2	<0.001	0.001	3.7	3.5	0.20	0.19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
						0.24	235	25.1	33.0		33.0	8.4	8.4	93.7		5.8	5.8	4.2	4.2	0.001		3.3		0.18		<1.0		<1.0		<1.0		<1.0	<1.0		
	IM6	Cloudy	Rough	7:07	17.0	S	0.24	235	25.1	24.8	24.5	24.4	8.3	8.3	90.1	90.1	6.5	6.5	0.8	0.8	<0.001	<0.001	1.6	1.7	0.82	0.83	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
							0.18	319	25.0		24.2	24.4	8.3	8.3	90.0		6.5	6.5	0.8	0.8	<0.001	<0.001	1.8		0.84		<1.0		<1.0		<1.0		<1.0	<1.0	
							0.14	209	25.0		28.0	28.0	8.3	8.3	82.4	82.1	5.8	5.8	1.9	1.8	<0.001	<0.001	2.6	2.9	0.56	0.57	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.17	303	24.4	28.0		28.0	8.3	8.3	81.7		5.8	5.8	1.7	1.7	<0.001	<0.001	3.1		0.57		<1.0		<1.0		<1.0		<1.0	<1.0		
						0.16	93	24.4	32.8		32.8	8.3	8.3	81.8	79.4	5.7	5.5	8.4	8.4	<0.001	<0.001	9.6	10.1	0.24	0.25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
						0.16	93	24.4	32.9		32.9	8.3	8.3	76.9		5.9	5.5	8.4	8.4	<0.001	<0.001	10.5		0.25		<1.0		<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: 2024/05/06

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*				
Mid-Ebb	E2	Cloudy	Moderate	10:55	9.0	S	0.29	76	25.8	25.8	25.4	27.9	27.9	8.3	8.3	109.8	113.4	7.6	7.9	7.3	1.1	1.0	3.3	<0.001	<0.001	2.4	2.7	5.7	0.49	0.48	0.38	<1.0	<1.0	<1.0				
							0.39	98	25.9	25.2		27.9	27.9	8.3	8.3	116.9	113.4	8.1	7.9	7.3	1.0	1.0	3.3	<0.001	<0.001	3.0	2.7	5.7	0.47	0.48	0.38	<1.0	<1.0	<1.0				
							0.56	120	25.2	25.2		30.1	30.1	8.3	8.3	95.6	97.0	6.6	6.7	6.5	3.1	3.0	3.3	<0.001	0.004	4.4	4.5	5.7	0.33	0.33	0.38	<1.0	<1.0	<1.0	<1.0	<1.0		
						0.49	104	25.2	25.2	30.0		30.7	8.3	8.2	98.3	97.0	6.8	6.7	6.5	2.8	3.0	3.3	0.007	0.002	6.0	6.0	3.3	0.007	0.002	9.4	9.9	5.7	0.31	0.32	0.38	<1.0	<1.0	<1.0
						0.21	106	25.2	25.2	30.7		30.7	8.2	8.2	95.8	93.7	6.6	6.5	6.5	5.9	6.0	6.0	<0.001	0.002	6.0	6.0	3.3	<0.001	0.002	10.3	9.9	5.7	0.31	0.32	0.38	<1.0	<1.0	<1.0
						0.39	84	25.2	25.5	30.6		27.9	8.2	8.3	91.5	113.4	6.3	7.9	8.1	6.0	1.0	1.0	3.0	0.002	0.003	1.0	1.0	3.0	<0.001	<0.001	2.4	2.4	4.7	0.47	0.48	0.27	<1.0	<1.0
	IM6	Cloudy	Moderate	10:23	17.0	S	0.28	66	25.5	25.5	27.7	27.8	8.3	8.3	113.4	115.5	7.9	8.1	7.6	1.0	1.0	3.0	<0.001	<0.001	2.4	2.4	4.7	0.47	0.48	0.27	<1.0	<1.0	<1.0					
							0.24	77	25.3	25.3	32.1	32.1	8.3	8.3	104.0	104.4	7.1	7.2	7.0	0.9	1.7	3.0	<0.001	<0.001	1.8	1.7	4.7	0.17	0.17	0.27	<1.0	<1.0	<1.0					
							0.43	115	25.3	25.3	32.1	32.1	8.3	8.3	104.8	104.4	7.2	7.2	7.0	1.6	1.7	3.0	<0.001	<0.001	1.6	1.7	4.7	0.17	0.17	0.27	<1.0	<1.0	<1.0					
						0.29	85	25.2	25.3	32.2	32.2	8.2	8.2	102.8	102.3	7.1	7.0	7.0	5.7	6.2	3.0	<0.001	0.001	5.7	6.2	3.0	<0.001	0.001	8.8	9.3	4.7	0.17	0.18	0.27	<1.0	<1.0	<1.0	
						0.24	143	25.2	25.3	32.2	32.2	8.2	8.2	101.8	102.3	7.0	7.0	7.0	6.7	6.2	3.0	0.001	0.001	6.7	6.2	3.0	0.001	0.001	8.7	9.3	4.7	0.18	0.18	0.27	<1.0	<1.0	<1.0	
						0.08	293	25.7	25.7	26.3	26.2	8.4	8.4	120.2	123.6	8.5	8.7	8.0	2.3	2.2	3.7	<0.001	<0.001	2.3	2.2	3.7	<0.001	<0.001	4.1	4.0	5.1	0.53	0.52	0.25	1.5	1.6	1.2	
Mid-Flood	F3	Fine	Moderate	16:28	17.8	M	0.16	308	25.7	25.7	26.2	26.2	8.4	8.4	127.0	123.6	8.9	8.7	8.0	2.0	2.2	3.7	<0.001	<0.001	3.9	4.0	5.1	0.51	0.52	0.25	1.6	1.6	1.2					
							0.54	288	25.3	25.3	32.1	32.1	8.3	8.3	106.2	106.4	7.3	7.3	7.3	2.4	2.2	3.7	<0.001	0.002	2.4	2.2	5.1	0.14	0.13	0.25	<1.0	<1.0	<1.0					
							0.34	353	25.3	25.3	32.1	32.1	8.3	8.3	106.5	106.4	7.3	7.3	7.3	1.9	2.2	3.7	0.003	0.002	1.9	2.2	5.1	0.11	0.13	0.25	<1.0	<1.0	<1.0					
						0.18	352	25.3	25.3	32.2	32.3	8.3	8.3	106.2	106.0	7.3	7.3	7.3	6.7	6.9	3.7	<0.001	0.005	6.7	6.9	3.7	<0.001	0.005	8.0	8.3	5.1	0.10	0.10	0.25	<1.0	<1.0	<1.0	
						0.2	276	25.3	25.3	32.2	32.3	8.3	8.3	105.8	106.0	7.2	7.3	7.3	6.7	6.9	3.7	0.008	0.005	6.7	6.9	3.7	0.008	0.005	8.6	8.3	5.1	0.10	0.10	0.25	<1.0	<1.0	<1.0	
						0.26	307	26.0	25.9	26.7	26.7	8.3	8.3	116.0	119.3	8.1	8.3	8.0	2.1	2.1	3.7	<0.001	<0.001	2.1	2.1	3.7	<0.001	<0.001	4.3	4.4	5.1	0.53	0.52	0.25	1.6	1.5	1.2	
	IM6	Fine	Moderate	16:14	16.0	M	0.12	31	25.3	25.3	31.2	31.1	8.2	8.2	105.2	105.8	7.3	7.3	7.8	2.3	2.4	5.7	<0.001	<0.001	4.4	4.4	9.4	0.51	0.52	0.31	1.4	1.4	1.2					
							0.16	49	25.3	25.3	31.0	31.0	8.2	8.2	106.4	105.8	7.3	7.3	7.3	2.3	2.4	5.7	<0.001	<0.001	2.3	2.4	9.4	0.24	0.25	0.31	<1.0	<1.0	<1.0					
							0.33	289	25.3	25.3	32.0	32.0	8.2	8.2	104.5	104.4	7.2	7.2	7.2	2.5	2.4	5.7	<0.001	<0.001	2.5	2.4	9.4	0.25	0.25	0.31	<1.0	<1.0	<1.0					
						0.32	318	25.3	25.3	32.0	32.0	8.2	8.2	104.2	104.4	7.1	7.1	7.1	12.6	12.6	5.7	<0.001	0.004	12.6	12.6	5.7	<0.001	0.004	19.4	20.2	9.4	0.16	0.15	0.31	<1.0	<1.0	<1.0	
						0.32	318	25.3	25.3	32.0	32.0	8.2	8.2	104.2	104.4	7.1	7.1	7.1	12.5	12.5	5.7	0.007	0.004	12.5	12.5	5.7	0.007	0.004	21.0	20.2	9.4	0.14	0.15	0.31	<1.0	<1.0	<1.0	
						0.32	318	25.3	25.3	32.0	32.0	8.2	8.2	104.2	104.4	7.1	7.1	7.1	12.5	12.5	5.7	0.007	0.004	12.5	12.5	5.7	0.007	0.004	21.0	20.2	9.4	0.14	0.15	0.31	<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: 2024/05/17

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value
Mid-Ebb	E2	Fine	Calm	8:34	9.5	S	0.23	15	26.0	26.0	25.9	29.0	29.0	8.6	8.6	123.2	126.4	8.5	8.7	1.1	1.2	<0.001	0.004	3.6	3.4	0.17	0.17	1.9	2.0
							0.13	230	26.0	26.0		29.0	29.0	8.6	8.6	129.6	126.4	8.9	8.7	1.2	1.2	0.006	0.006	3.2	3.4	0.17	0.17	2.1	2.0
							0.11	193	25.9	25.9		30.5	30.6	8.5	8.5	107.4	108.9	7.4	7.4	1.6	1.6	<0.001	<0.001	4.5	4.7	0.16	0.16	1.5	1.7
							0.37	304	25.9	25.9		30.8	31.8	8.4	8.4	110.4	108.9	7.5	7.4	1.4	1.6	<0.001	<0.001	4.9	4.7	0.16	0.16	1.9	1.7
							0.08	37	25.7	25.7		31.8	31.8	8.4	8.4	102.8	100.8	7.0	6.9	7.6	7.8	<0.001	0.002	11.2	11.0	0.08	0.08	<1.0	<1.0
							0.14	108	25.7	25.7		31.8	31.8	8.4	8.4	98.8	100.8	6.7	6.9	7.9	7.8	0.002	0.002	10.8	11.0	0.09	0.09	<1.0	<1.0
	IM6	Fine	Calm	7:59	17.0	S	0.32	317	25.7	23.7	25.7	30.4	30.4	8.4	8.4	110.5	112.6	7.6	7.7	1.4	1.3	<0.001	<0.001	4.8	5.0	0.12	0.12	1.5	1.5
							0.06	286	25.7	25.7		30.4	30.4	8.4	8.4	114.7	112.6	7.9	7.7	1.2	2.2	0.004	0.003	5.1	5.0	0.12	0.12	1.5	1.5
							0.20	247	25.7	25.7		31.8	31.8	8.4	8.4	105.9	105.9	7.2	7.2	2.3	2.2	<0.001	0.003	5.7	5.5	0.08	0.08	<1.0	<1.0
							0.12	109	25.7	25.7		31.9	31.9	8.4	8.4	105.8	105.9	7.2	7.2	2.0	2.2	0.005	0.003	5.3	5.5	0.08	0.08	<1.0	<1.0
							0.12	194	25.7	25.7		31.9	31.9	8.4	8.3	108.6	108.0	7.4	7.4	3.5	3.7	<0.001	<0.001	6.3	6.1	0.08	0.08	<1.0	<1.0
							0.17	113	25.7	25.7		31.9	31.9	8.3	8.3	107.4	108.0	7.3	7.4	3.8	3.7	<0.001	<0.001	5.9	6.1	0.08	0.08	<1.0	<1.0
Mid-Flood	F3	Fine	Calm	13:05	18.0	S	0.45	250	26.0	26.0	25.8	31.3	31.2	8.5	8.5	120.0	120.6	8.2	8.2	1.1	1.2	<0.001	0.004	5.5	5.4	0.11	0.12	2.9	2.6
							0.32	282	26.0	26.0		31.2	31.2	8.5	8.5	121.1	120.6	8.2	8.2	1.2	1.2	0.006	0.004	5.2	5.4	0.12	0.12	2.3	2.6
							0.04	51	25.7	25.7		32.0	32.0	8.4	8.4	104.3	104.4	7.1	7.1	1.6	1.5	<0.001	<0.001	4.4	4.6	0.08	0.08	<1.0	<1.0
							0.21	323	25.7	25.7		32.0	32.0	8.4	8.4	104.8	104.5	7.1	7.1	3.3	3.3	<0.001	0.002	4.7	4.6	0.08	0.08	<1.0	<1.0
							0.17	304	25.7	25.7		32.0	32.0	8.4	8.4	104.1	104.5	7.1	7.1	3.3	3.3	0.003	0.002	3.9	4.1	0.08	0.08	<1.0	<1.0
							0.18	244	25.9	25.8		31.4	31.6	8.4	8.4	107.7	108.0	7.3	7.4	1.8	1.9	<0.001	0.006	3.4	3.5	0.10	0.10	1.1	1.1
	IM6	Fine	Calm	12:46	17.0	M	0.07	268	25.7	25.7	25.7	32.0	32.0	8.4	8.4	104.0	104.2	7.1	7.1	1.7	1.6	<0.001	<0.001	3.8	3.9	0.08	0.08	<1.0	<1.0
							0.37	359	25.7	25.7		32.0	32.0	8.4	8.4	104.3	104.2	7.1	7.1	1.5	1.6	<0.001	<0.001	4.0	4.0	0.08	0.08	<1.0	<1.0
							0.16	294	25.7	25.7		32.0	32.0	8.4	8.4	104.0	103.8	7.1	7.1	3.8	3.6	<0.001	<0.001	4.4	4.6	0.08	0.08	<1.0	<1.0
							0.19	74	25.7	25.7		32.0	32.0	8.4	8.4	103.5	103.8	7.1	7.1	3.3	3.6	<0.001	<0.001	4.8	4.6	0.08	0.08	<1.0	<1.0
							0.07	268	25.7	25.7		32.0	32.0	8.4	8.4	104.0	104.2	7.1	7.1	1.7	1.6	<0.001	<0.001	3.8	3.9	0.08	0.08	<1.0	<1.0
							0.37	359	25.7	25.7		32.0	32.0	8.4	8.4	104.3	104.2	7.1	7.1	1.5	1.6	<0.001	<0.001	4.0	4.0	0.08	0.08	<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: 2024/05/20

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
Mid-Ebb	E2	Rainy	Calm	11:08	9.0	S	0.16	270	25.7	25.7	29.6	29.6	8.4	8.4	96.6	97.1	6.7	6.7	6.6	0.9	0.9	<0.001	<0.001	3.1	3.1	0.17	0.17	<1.0	<1.0	<1.0	<1.0
							0.26	119	25.7	25.7	29.6	29.6	8.4	8.4	97.5	97.1	6.7	6.7	6.6	0.9	0.9	<0.001	<0.001	3.0	3.1	0.17	0.17	<1.0	<1.0	<1.0	<1.0
							0.21	55	25.7	25.7	30.1	30.1	8.4	8.4	95.7	95.7	6.6	6.6	6.6	1.4	1.6	<0.001	<0.001	4.7	4.6	0.16	0.16	<1.0	<1.0	<1.0	<1.0
						0.03	142	25.7	25.7	30.1	30.1	8.4	8.4	95.6	95.7	6.6	6.6	6.6	1.4	1.6	<0.001	<0.001	4.4	4.6	0.16	0.16	<1.0	<1.0	<1.0	<1.0	
						0.22	97	25.6	25.6	31.8	31.8	8.3	8.3	97.9	97.1	6.7	6.6	6.6	9.4	9.4	<0.001	<0.001	13.8	14.1	0.10	0.11	<1.0	<1.0	<1.0	<1.0	
						0.36	64	25.6	25.6	31.8	31.8	8.3	8.3	96.2	97.1	6.6	6.6	6.6	9.3	9.3	<0.001	<0.001	14.4	14.1	0.11	0.11	<1.0	<1.0	<1.0	<1.0	
	IM6	Rainy	Calm	10:19	12.0	S	0.24	255	25.6	25.6	31.5	31.5	8.3	8.3	97.1	97.1	6.6	6.6	6.6	1.0	1.0	<0.001	<0.001	2.9	2.9	0.10	0.11	<1.0	<1.0	<1.0	<1.0
							0.24	255	25.6	25.6	31.5	31.5	8.3	8.3	97.0	97.0	6.6	6.6	6.6	0.9	1.0	<0.001	<0.001	2.8	2.9	0.11	0.11	<1.0	<1.0	<1.0	<1.0
							0.29	277	25.6	25.6	31.6	31.6	8.3	8.3	97.0	97.0	6.6	6.6	6.6	1.5	1.5	<0.001	<0.001	3.3	3.5	0.10	0.11	<1.0	<1.0	<1.0	<1.0
						0.25	228	25.6	25.6	31.6	31.6	8.3	8.3	97.0	97.0	6.6	6.6	6.6	1.4	1.5	<0.001	<0.001	3.6	3.5	0.11	0.11	<1.0	<1.0	<1.0	<1.0	
						0.23	118	25.6	25.6	31.8	31.8	8.3	8.3	97.8	97.4	6.7	6.6	6.7	3.1	3.2	<0.001	<0.001	4.2	4.3	0.10	0.10	<1.0	<1.0	<1.0	<1.0	
						0.16	144	25.6	25.6	31.8	31.8	8.3	8.3	97.0	97.0	6.6	6.6	6.6	3.2	3.2	<0.001	<0.001	4.4	4.3	0.10	0.10	<1.0	<1.0	<1.0	<1.0	
Mid-Flood	F3	Rainy	Rough	16:19	18.0	S	0.50	279	25.6	25.6	31.9	31.9	8.3	8.3	97.9	98.0	6.7	6.7	6.6	2.0	2.0	<0.001	<0.001	4.0	3.8	0.10	0.10	<1.0	<1.0	<1.0	<1.0
							0.47	280	25.6	25.6	31.9	31.9	8.3	8.3	98.1	98.0	6.7	6.7	6.6	1.9	2.0	<0.001	<0.001	3.6	3.8	0.09	0.10	<1.0	<1.0	<1.0	<1.0
							0.23	282	25.5	25.5	32.1	32.1	8.3	8.3	96.6	96.7	6.6	6.6	6.6	3.2	3.0	<0.001	<0.001	6.6	6.9	0.10	0.10	<1.0	<1.0	<1.0	<1.0
						0.16	303	25.5	25.5	32.0	32.1	8.3	8.3	96.7	96.7	6.6	6.6	6.6	2.7	3.0	<0.001	<0.001	7.1	6.9	0.09	0.10	<1.0	<1.0	<1.0	<1.0	
						0.28	244	25.5	25.5	32.1	32.1	8.3	8.3	97.0	96.8	6.6	6.6	6.6	13.3	12.7	<0.001	<0.001	26.8	28.0	0.09	0.09	<1.0	<1.0	<1.0	<1.0	
						0.05	279	25.5	25.5	32.1	32.1	8.3	8.3	96.6	96.6	6.6	6.6	6.6	12.0	12.7	<0.001	<0.001	29.2	28.0	0.08	0.09	<1.0	<1.0	<1.0	<1.0	
	IM6	Rainy	Rough	15:57	16.0	S	0.31	284	25.6	25.6	31.5	31.5	8.3	8.3	98.4	98.3	6.7	6.7	6.7	1.4	1.4	<0.001	0.005	6.2	6.5	0.12	0.12	<1.0	<1.0	<1.0	<1.0
							0.37	284	25.6	25.6	31.5	31.5	8.3	8.3	98.2	98.3	6.7	6.7	6.7	1.4	1.4	0.008	<0.001	6.8	6.5	0.11	0.12	<1.0	<1.0	<1.0	<1.0
							0.23	317	25.6	25.6	31.5	31.5	8.3	8.3	97.3	97.4	6.7	6.7	6.7	3.2	2.9	<0.001	<0.001	5.1	4.9	0.12	0.12	<1.0	<1.0	<1.0	<1.0
						0.40	268	25.6	25.6	31.5	31.5	8.3	8.3	97.4	97.4	6.7	6.7	6.7	2.5	2.9	<0.001	<0.001	4.7	4.9	0.11	0.11	<1.0	<1.0	<1.0	<1.0	
						0.08	49	25.6	25.6	31.6	31.6	8.3	8.3	98.0	97.6	6.7	6.7	6.7	3.8	3.8	<0.001	<0.001	3.4	3.6	0.09	0.10	<1.0	<1.0	<1.0	<1.0	
						0.20	294	25.6	25.6	31.6	31.6	8.3	8.3	97.2	97.2	6.6	6.6	6.6	3.7	3.8	<0.001	<0.001	3.8	3.6	0.11	0.10	<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: 2024/06/03

Tide	Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level***	Current Velocity (m/s)	Current Direction	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)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value
Mid-Ebb	E2	Rainy	Rough	9:33	9.0	S	0.09	356	26.8	26.8	26.6	26.6	8.3	103.1	102.9	7.1	7.1	1.3	1.3	<0.001	<0.001	2.7	2.8	0.44	0.44	<1.0	<1.0		
							0.35	116	26.8	26.8	26.6	26.6	8.3	102.7	102.9	7.1	7.1	1.3	1.3	<0.001	<0.001	2.8	2.8	0.44	0.44	<1.0	<1.0		
							0.22	68	26.7	26.7	28.4	28.4	8.3	99.1	100.8	6.8	6.9	1.6	1.5	<0.001	<0.001	3.2	3.3	0.32	0.32	<1.0	<1.0		
							0.30	89	26.7	26.7	28.4	28.4	8.3	102.4	100.8	7.0	7.0	1.3	1.5	<0.001	<0.001	3.4	3.3	0.32	0.32	<1.0	<1.0		
							0.14	351	26.3	26.3	30.2	30.2	8.3	99.3	96.7	6.8	6.6	3.0	3.3	<0.001	<0.001	4.2	4.1	0.24	0.24	<1.0	<1.0		
							0.14	351	26.3	26.3	30.2	30.2	8.3	94.0	96.7	6.4	6.6	3.6	3.3	<0.001	<0.001	3.9	3.9	0.23	0.23	<1.0	<1.0		
	IM6	Rainy	Rough	8:57	17.0	S	0.26	230	26.5	26.5	28.9	28.7	8.3	101.7	101.8	7.0	7.0	1.1	1.1	<0.001	<0.001	3.5	3.5	0.30	0.30	<1.0	<1.0		
							0.16	158	26.1	26.1	28.5	28.7	8.3	101.8	101.8	7.0	7.0	1.1	1.1	<0.001	<0.001	3.4	3.5	0.29	0.30	<1.0	<1.0		
							0.17	36	26.2	26.1	31.4	31.7	8.3	95.0	96.9	6.4	6.6	1.9	1.6	<0.001	<0.001	4.0	4.2	0.10	0.10	<1.0	<1.0		
							0.23	138	25.9	25.9	31.4	33.1	8.2	95.4	94.5	6.4	6.4	5.2	5.3	<0.001	<0.001	6.6	6.8	0.07	0.08	<1.0	<1.0		
							0.33	149	25.9	25.9	33.1	33.1	8.2	93.5	94.5	6.3	6.3	5.4	5.4	<0.001	<0.001	7.0	6.8	0.08	0.08	<1.0	<1.0		
							0.88	287	26.3	26.3	28.3	28.3	8.2	97.4	97.4	6.7	6.7	1.4	1.4	<0.001	<0.001	2.8	2.7	0.36	0.36	<1.0	<1.0		
Mid-Flood	F3	Rainy	Rough	15:31	18.0	S	0.93	281	26.3	26.3	28.3	28.3	8.2	97.3	97.4	6.7	6.7	1.3	1.4	<0.001	<0.001	2.6	2.7	0.35	0.36	<1.0	<1.0		
							0.25	261	26.3	26.3	29.7	29.7	8.3	95.4	96.2	6.5	6.6	1.7	1.6	<0.001	<0.001	4.8	4.6	0.25	0.24	<1.0	<1.0		
							0.31	233	26.3	26.3	29.7	29.7	8.3	96.9	96.2	6.6	6.6	1.4	1.6	<0.001	<0.001	4.3	4.6	0.23	0.24	<1.0	<1.0		
							0.26	271	26.0	26.0	33.1	33.1	8.2	93.5	92.5	6.3	6.2	8.9	9.4	<0.001	<0.001	10.2	10.6	0.07	0.07	<1.0	<1.0		
							0.19	319	26.0	26.0	33.1	33.1	8.2	91.5	92.5	6.2	6.2	9.8	9.4	<0.001	<0.001	11.0	10.6	0.07	0.07	<1.0	<1.0		
							0.28	9	26.3	26.3	28.7	28.7	8.2	97.2	97.2	6.7	6.7	1.8	1.8	<0.001	<0.001	3.3	3.5	0.31	0.32	<1.0	<1.0		
	IM6	Rainy	Rough	15:12	16.0	M	0.22	347	26.3	26.3	28.6	28.7	8.2	97.1	97.2	6.7	6.7	1.8	1.8	<0.001	<0.001	3.7	3.5	0.32	0.32	<1.0	<1.0		
							0.21	294	26.3	26.3	29.2	29.2	8.2	94.9	95.5	6.5	6.5	2.4	2.2	<0.001	<0.001	4.5	4.4	0.28	0.29	<1.0	<1.0		
							0.2	228	26.0	26.0	29.1	29.1	8.2	96.1	95.5	6.6	6.5	1.9	2.2	<0.001	<0.001	4.2	4.4	0.29	0.29	<1.0	<1.0		
							0.14	222	26.0	26.0	32.6	32.7	8.2	100.1	97.6	6.8	6.6	6.1	6.6	<0.001	<0.001	7.4	7.2	0.08	0.09	<1.0	<1.0		
							0.14	222	26.0	26.0	32.7	32.7	8.2	95.1	95.1	6.4	6.4	7.0	6.6	<0.001	<0.001	7.0	7.0	0.09	0.09	<1.0	<1.0		
							0.14	222	26.0	26.0	32.7	32.7	8.2	95.1	95.1	6.4	6.4	7.0	6.6	<0.001	<0.001	7.0	7.0	0.09	0.09	<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: 2024/06/14

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	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
Mid-Ebb	E2	Rainy	Rough	17:19	9.0	S	0.08	231	28.0	28.0	27.2	19.1	18.9	8.2	8.2	106.1	108.4	7.5	7.6	1.3	1.4	<0.001	<0.001	1.4	1.5	0.88	0.88	<1.0	<1.0	<1.0	<1.0
							0.15	164	28.0	28.0		18.7	18.7	8.2	8.2	110.7	108.4	7.8	7.6	1.4	1.4	<0.001	<0.001	1.6	1.5	0.88	0.88	<1.0	<1.0	<1.0	<1.0
							0.20	148	27.1	27.1		27.3	27.2	8.1	8.1	94.1	94.7	6.4	6.5	0.5	0.5	<0.001	<0.001	2.3	2.5	0.45	0.45	<1.0	<1.0	<1.0	<1.0
							0.20	148	27.0	27.0		31.2	31.3	8.0	8.0	79.8	76.9	5.7	5.3	9.1	9.5	<0.001	0.001	6.2	6.5	0.24	0.24	<1.0	<1.0	<1.0	<1.0
							0.45	102	26.4	26.4		16.2	16.0	8.2	8.2	102.8	104.3	7.4	7.5	2.0	2.0	<0.001	<0.001	1.6	1.7	1.18	1.11	<1.0	<1.0	<1.0	<1.0
							0.24	155	26.4	26.4		15.8	16.0	8.2	8.2	105.8	104.3	7.6	7.5	2.0	2.0	<0.001	<0.001	1.8	1.7	1.04	1.11	<1.0	<1.0	<1.0	<1.0
	IM6	Rainy	Rough	16:48	17.0	S	0.12	105	27.8	27.8	26.8	32.0	32.0	8.1	8.1	90.3	90.3	6.1	6.1	1.0	1.0	<0.001	<0.001	2.3	2.2	0.12	0.13	<1.0	<1.0	<1.0	<1.0
							0.18	16	26.3	26.3		32.0	32.0	8.0	8.0	95.9	93.6	6.4	6.3	5.8	5.9	<0.001	<0.001	2.1	2.2	0.13	0.13	<1.0	<1.0	<1.0	<1.0
							0.45	57	26.2	26.2		32.9	32.9	8.1	8.0	95.9	93.6	6.4	6.3	5.8	5.9	<0.001	<0.001	3.8	3.6	0.06	0.07	<1.0	<1.0	<1.0	<1.0
							0.33	114	26.2	26.2		33.0	32.9	8.1	8.0	91.3	93.6	6.1	6.1	6.0	6.0	<0.001	<0.001	3.4	3.6	0.06	0.07	<1.0	<1.0	<1.0	<1.0
							0.19	19	28.0	28.0		12.3	12.3	8.2	8.1	99.5	100.3	7.3	7.3	3.3	3.3	<0.001	0.002	2.2	2.2	1.39	1.40	<1.0	<1.0	<1.0	<1.0
							0.10	46	26.3	26.3		12.3	12.3	8.1	8.1	101.1	100.3	7.4	7.4	3.2	3.3	0.002	0.002	2.2	2.2	1.40	1.40	<1.0	<1.0	<1.0	<1.0
Mid-Flood	F3	Rainy	Rough	10:21	18.0	M	0.09	129	26.3	26.3	26.8	33.0	33.0	8.1	8.1	89.9	90.2	6.0	6.1	1.1	1.2	<0.001	<0.001	<1.0	1.3	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.10	46	26.3	26.3		33.0	33.0	8.1	8.1	90.5	90.2	6.0	6.1	1.1	1.2	<0.001	<0.001	1.6	1.3	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.11	197	26.2	26.2		33.2	33.2	8.1	8.1	90.3	89.6	6.1	6.1	3.2	3.3	<0.001	<0.001	5.1	3.1	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.08	227	26.2	26.2		33.2	33.2	8.1	8.1	88.9	89.6	6.0	6.0	3.3	3.3	<0.001	<0.001	1.1	1.1	0.06	0.06	<1.0	<1.0	<1.0	<1.0
							0.24	86	27.9	27.9		13.4	13.4	8.1	8.1	101.0	101.6	7.4	7.4	2.9	3.0	<0.001	<0.001	1.4	1.5	1.32	1.29	<1.0	<1.0	<1.0	<1.0
							0.24	86	27.9	27.9		13.4	13.4	8.1	8.1	102.2	101.6	7.4	7.4	3.1	3.0	<0.001	<0.001	1.6	1.5	1.26	1.29	<1.0	<1.0	<1.0	<1.0
	IM6	Rainy	Rough	10:06	16.0	M	0.46	329	26.4	26.4	26.8	31.5	31.5	8.1	8.1	92.0	92.3	6.2	6.2	0.9	0.9	<0.001	<0.001	1.8	1.7	0.22	0.22	<1.0	<1.0	<1.0	<1.0
							0.46	31	26.4	26.4		31.4	31.4	8.1	8.1	92.6	92.3	6.3	6.3	0.8	0.8	<0.001	<0.001	1.6	1.7	0.21	0.22	<1.0	<1.0	<1.0	<1.0
							0.15	132	26.2	26.2		33.1	33.1	8.1	8.1	95.5	93.6	6.4	6.3	3.8	3.8	<0.001	<0.001	2.3	2.5	0.06	0.07	<1.0	<1.0	<1.0	<1.0
							0.16	158	26.2	26.2		33.1	33.1	8.1	8.1	91.7	93.6	6.2	6.2	3.8	3.8	<0.001	<0.001	2.7	2.5	0.06	0.07	<1.0	<1.0	<1.0	<1.0
							0.16	158	26.2	26.2		33.1	33.1	8.1	8.1	91.7	93.6	6.2	6.2	3.8	3.8	<0.001	<0.001	2.7	2.5	0.06	0.07	<1.0	<1.0	<1.0	<1.0
							0.16	158	26.2	26.2		33.1	33.1	8.1	8.1	91.7	93.6	6.2	6.2	3.8	3.8	<0.001	<0.001	2.7	2.5	0.06	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: 2024/06/17

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*	Value	Average	DA*
Mid-Ebb	E2	Rainy	Moderate	9:13	9.0	S	0.19	71	27.8	27.8	14.9	14.9	8.1	8.1	92.7	95.7	6.7	6.9	1.6	1.8	<0.001	<0.001	1.6	1.6	1.27	1.24	2.0	2.0	1.9	2.0	1.3		
							0.07	34	27.8	27.8	14.8	14.8	8.1	8.1	98.7	98.7	7.1	6.9	1.9	1.8	<0.001	<0.001	1.6	1.6	1.21	1.24	1.9	2.0	1.9	2.0	1.3		
							0.15	77	26.9	26.9	28.1	28.1	8.0	8.0	78.7	80.2	5.4	5.5	0.4	0.4	<0.001	0.001	<1.0	<1.0	0.40	0.43	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3
							0.15	77	27.0	26.9	28.1	28.1	8.0	8.0	81.6	80.2	5.6	5.5	0.3	0.4	0.001	0.001	<1.0	<1.0	0.45	0.43	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3
							0.07	56	26.8	26.8	28.8	28.9	8.0	8.0	87.5	82.9	6.0	5.6	1.0	1.3	<0.001	<0.001	3.0	3.2	0.36	0.36	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3
							0.13	31	26.8	26.8	29.0	29.0	7.9	8.0	78.2	82.9	5.3	5.6	1.6	1.3	<0.001	<0.001	3.4	3.2	0.36	0.36	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3
	IM6	Rainy	Moderate	8:40	17.0	S	0.09	73	27.7	27.7	10.2	10.2	8.1	8.1	93.1	94.5	6.9	7.0	3.1	3.2	<0.001	<0.001	1.9	2.0	1.79	1.67	1.6	1.6	1.6	1.6	1.3		
							0.13	101	27.7	27.7	10.1	10.2	8.1	8.1	95.8	94.5	7.1	7.0	3.3	3.2	<0.001	<0.001	2.1	2.0	1.55	1.67	1.6	1.6	1.6	1.6	1.3		
							0.29	30	26.3	26.3	32.6	32.6	8.0	8.0	78.4	78.2	5.3	5.3	1.7	1.7	<0.001	<0.001	1.1	1.1	0.16	0.17	1.1	1.4	1.4	1.4	1.3		
							0.29	30	26.3	26.3	32.6	32.6	8.0	8.0	77.9	78.2	5.2	5.3	1.6	1.7	<0.001	<0.001	1.1	1.1	0.17	0.17	1.6	1.6	1.6	1.6	1.3		
							0.15	93	26.3	26.3	33.5	33.5	8.0	8.0	86.0	83.5	5.7	5.6	5.9	6.4	<0.001	<0.001	5.5	6.0	0.11	0.11	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	
							0.15	144	26.3	26.3	33.6	33.5	8.0	8.0	81.0	83.5	5.4	5.6	6.8	6.4	<0.001	<0.001	6.5	6.0	0.11	0.11	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	
Mid-Flood	F3	Cloudy	Moderate	15:17	18.0	S	0.11	60	28.8	28.8	14.1	14.1	8.2	8.2	104.1	106.3	7.4	7.6	2.0	2.1	<0.001	<0.001	1.9	1.9	1.29	1.26	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.11	60	28.8	28.8	14.1	14.1	8.2	8.2	108.4	106.3	7.7	7.6	2.1	2.1	<0.001	<0.001	1.8	1.9	1.23	1.26	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.25	141	26.4	26.4	31.8	31.8	8.1	8.1	78.8	79.2	5.3	5.3	1.9	1.7	<0.001	<0.001	1.4	1.3	0.20	0.20	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.24	239	26.4	26.4	31.8	31.8	8.1	8.1	79.5	79.2	5.4	5.3	1.5	1.7	<0.001	<0.001	1.2	1.3	0.20	0.20	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.24	296	26.3	26.3	33.3	33.3	8.0	8.0	80.9	79.6	5.4	5.3	9.0	8.8	<0.001	<0.001	9.2	9.6	0.12	0.12	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.06	339	26.3	26.3	33.3	33.3	8.0	8.0	78.3	79.6	5.2	5.3	8.5	8.8	<0.001	<0.001	9.9	9.6	0.12	0.12	<1.0	<1.0	<1.0	<1.0	<1.0		
	IM6	Cloudy	Moderate	15:00	16.0	S	0.53	45	28.8	28.8	12.7	12.7	8.2	8.2	100.8	104.9	7.3	7.5	2.5	2.7	<0.001	0.004	2.1	1.9	1.32	1.32	1.9	2.0	1.9	2.0	1.4		
							0.13	44	28.8	28.8	12.7	12.7	8.2	8.2	108.9	104.9	7.8	7.5	2.8	2.7	<0.001	0.006	1.6	1.6	1.32	1.32	2.0	2.0	2.0	2.0	1.4		
							0.16	232	26.4	26.4	31.5	31.5	8.0	8.1	80.2	80.6	5.4	5.4	1.3	1.2	<0.001	<0.001	1.6	1.6	0.20	0.21	1.3	1.3	1.3	1.2	1.4		
							0.19	147	26.4	26.4	31.4	31.4	8.1	8.1	80.9	80.6	5.5	5.4	1.1	1.2	<0.001	<0.001	1.6	1.6	0.21	0.21	1.0	1.0	1.0	1.2	1.4		
							0.24	4	26.3	26.3	33.1	33.1	8.0	8.0	88.5	85.5	5.9	5.7	5.4	5.6	<0.001	<0.001	4.6	5.0	0.14	0.14	<1.0	<1.0	<1.0	<1.0	<1.0		
							0.32	271	26.3	26.3	33.1	33.1	8.0	8.0	82.6	85.5	5.5	5.7	5.8	5.6	<0.001	<0.001	5.3	5.0	0.13	0.14	<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: 2024/06/27

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	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	Value
Mid-Ebb	E2	Fine	Moderate	15:56	9.0	S	0.34	92	30.2	30.3	28.7	15.2	15.1	8.6	8.6	169.3	170.3	11.7	11.8	10.9	1.2	1.2	<0.001	<0.001	3.3	3.1	3.7	0.78	0.78	2.1	2.1	1.8
							0.18	147	30.4	15.0		15.1	8.7	8.6	171.2	170.3	11.8	11.8	10.9	1.2	1.2	<0.001	<0.001	2.9	3.1	3.7	0.77	0.78	2.0	2.1		
							0.18	146	28.9	19.0		19.2	8.5	8.5	138.3	144.2	9.6	10.0	4.8	1.3	1.4	<0.001	<0.001	3.8	3.6	3.7	0.63	0.64	1.9	1.9		
						0.18	142	28.8	19.4	19.2		8.5	8.5	150.1	144.2	10.4	10.0	4.8	1.4	1.4	<0.001	<0.001	3.4	3.6	3.7	0.64	0.64	1.9	1.9			
						0.47	21	27.1	27.0	28.3		8.0	7.9	80.2	71.9	5.3	4.8	4.8	3.3	3.4	<0.001	0.004	4.2	4.5	4.9	0.55	0.52	1.5	1.5			
						0.33	68	26.6	29.7	28.3		7.9	7.9	63.5	71.9	4.3	4.3	4.8	3.5	3.4	0.007	0.004	4.8	4.5	4.9	0.49	0.49	1.5	1.5			
	IM6	Fine	Moderate	15:22	17.0	S	0.07	110	30.1	30.0	27.4	14.1	14.2	8.7	8.7	149.4	155.5	10.4	10.9	7.1	1.0	1.0	<0.001	<0.001	3.8	3.7	4.9	0.83	0.83	2.8	2.8	1.6
							0.41	92	30.0	14.3		14.2	8.7	8.7	161.5	155.5	11.3	10.9	7.1	1.0	1.0	<0.001	<0.001	3.5	3.7	4.9	0.83	0.83	2.7	2.8		
							0.42	105	26.6	28.6		28.6	8.0	8.0	47.2	48.5	3.2	3.3	2.9	2.1	2.0	<0.001	<0.001	4.6	4.4	4.9	0.44	0.44	<1.0	<1.0		
						0.51	78	26.6	28.6	28.6		8.0	8.0	49.8	48.5	3.4	3.3	2.9	1.9	2.0	<0.001	<0.001	4.1	4.4	4.9	0.44	0.44	<1.0	<1.0			
						0.30	141	25.6	33.7	33.7		7.9	7.9	44.9	43.0	3.0	2.9	2.9	7.5	7.5	<0.001	<0.001	6.9	6.6	6.6	0.21	0.20	<1.0	<1.0			
						0.14	216	25.6	33.7	33.7		7.9	7.9	41.0	43.0	2.8	2.9	2.9	7.4	7.5	<0.001	<0.001	6.2	6.6	6.6	0.19	0.20	<1.0	<1.0			
Mid-Flood	F3	Fine	Moderate	8:49	18.0	S	0.21	19	28.7	28.7	26.7	13.2	13.1	8.5	8.5	109.7	117.5	7.9	8.5	5.6	3.1	3.1	<0.001	0.004	4.9	5.2	5.6	1.01	1.02	1.1	1.1	1.1
							0.26	302	25.7	13.1		13.1	8.5	8.5	125.2	117.5	9.0	8.5	5.6	3.0	3.1	<0.001	0.004	5.4	5.2	5.6	1.03	1.02	1.0	1.1		
							0.04	236	25.7	32.9		32.9	8.0	8.0	40.8	40.8	2.8	2.8	2.8	2.6	2.6	<0.001	0.003	4.4	4.2	5.6	0.24	0.24	<1.0	<1.0		
						0.43	282	25.6	33.0	32.9		8.0	8.0	40.8	40.8	2.8	2.8	2.8	2.6	2.6	<0.001	0.003	3.9	4.2	5.6	0.23	0.24	<1.0	<1.0			
						0.29	300	25.6	33.8	33.8		7.9	7.9	48.6	45.4	3.3	3.1	3.1	5.0	5.1	<0.001	<0.001	7.2	7.4	7.4	0.19	0.19	1.2	1.3			
						0.22	336	28.3	33.8	33.8		7.9	7.9	42.2	45.4	2.9	2.9	2.9	5.1	5.1	<0.001	<0.001	7.6	7.4	7.4	0.19	0.19	1.2	1.3			
	IM6	Fine	Moderate	8:31	17.0	S	0.13	47	28.2	28.3	26.7	14.1	14.0	8.2	8.2	83.5	89.2	6.0	6.4	4.6	1.9	1.9	<0.001	0.001	2.7	2.6	4.7	1.06	1.06	<1.0	<1.0	<1.0
							0.22	336	28.3	13.9		14.0	8.3	8.2	94.9	89.2	6.8	6.4	4.6	1.9	1.9	<0.001	0.001	2.5	2.6	4.7	1.05	1.06	<1.0	<1.0		
							0.20	245	26.1	31.2		31.2	7.9	7.9	40.6	41.0	2.8	2.8	2.8	2.9	2.9	<0.001	<0.001	4.1	4.4	4.7	0.29	0.29	<1.0	<1.0		
						0.14	324	26.1	31.2	31.2		8.0	7.9	41.3	41.0	2.8	2.8	2.8	2.9	2.9	<0.001	<0.001	4.6	4.4	4.7	0.29	0.29	<1.0	<1.0			
						0.25	233	25.7	33.3	33.3		7.9	7.9	52.3	47.7	3.5	3.2	3.2	5.3	5.5	<0.001	<0.001	7.1	7.3	7.3	0.18	0.19	<1.0	<1.0			
						0.38	342	25.7	33.3	33.3		7.9	7.9	43.0	47.7	2.9	3.2	3.2	5.6	5.5	<0.001	<0.001	7.4	7.3	7.3	0.19	0.19	<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