

ANNEX G

MARINE WATER QUALITY MONITORING RESULTS FOR HYDROTESTING

Water Quality Monitoring Data Log Sheet

Date: 2022/09/10

Tide: Ebb tide

Monitoring Station	Round	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)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	
E2	1	Sunny	Moderate	11:24	9.4	S	0.18	99	28.00	28.00	30.96	30.96	8.40	8.40	117.8	117.8	7.76	7.76	7.39	1.2	1.2	3.2	
							0.22	92	28.00		30.95	30.96	8.40	8.40	117.8	117.8	7.76	7.76		1.2	1.2		
						M	0.21	90	27.80	27.80	31.02	31.02	8.39	8.39	106.2	106.2	7.02	7.02		1.8	1.8		
							0.21	89	27.80		31.02	31.02	8.39	8.39	106.2	106.2	7.01	7.01		1.8	1.8		
						B	0.13	92	27.70	27.70	31.17	31.17	8.35	8.35	89.7	89.8	5.93	5.94		5.94	6.8		6.8
							0.14	91	27.70		31.17	31.17	8.35	8.35	89.8	89.8	5.94	5.94		5.94	6.8		6.8
IM6	1	Sunny	Moderate	11:55	16.5	S	0.29	117	27.60	27.60	31.61	31.61	8.38	8.38	106.8	106.8	7.06	7.06	6.70	1.6	1.6	2.7	
							0.30	112	27.60		31.61	31.61	8.38	8.38	106.8	106.8	7.06	7.06		1.6	1.6		
						M	0.32	120	27.50	27.50	31.79	31.79	8.35	8.35	95.9	95.9	6.34	6.34		1.3	1.2		
							0.35	114	27.50		31.79	31.79	8.35	8.35	95.8	95.8	6.34	6.34		1.2	1.2		
						B	0.30	103	27.20	27.20	31.76	31.76	8.33	8.33	88.8	88.9	5.90	5.91		5.91	5.3		5.3
							0.32	109	27.20		31.76	31.76	8.33	8.33	88.9	88.9	5.91	5.91		5.91	5.3		5.3
E2	2	Sunny	Moderate	13:38	8.3	S	0.13	91	28.10	28.10	30.96	30.96	8.34	8.34	104.3	104.3	6.85	6.85	6.68	3.6	3.6	7.4	
							0.12	92	28.10		30.96	30.96	8.34	8.34	104.3	104.3	6.85	6.85		3.6	3.6		
						M	0.19	113	27.80	27.80	31.01	31.01	8.34	8.34	98.3	98.3	6.50	6.50		6.7	6.7		
							0.20	112	27.80		31.01	31.01	8.34	8.34	98.3	98.3	6.50	6.50		6.6	6.6		
						B	0.15	109	27.80	27.80	31.02	31.02	8.34	8.34	97.2	97.2	6.42	6.42		6.42	11.9		11.8
							0.16	114	27.80		31.02	31.02	8.34	8.34	97.2	97.2	6.42	6.42		6.42	11.8		11.8
IM6	2	Sunny	Moderate	12:57	16.2	S	0.38	114	28.30	28.30	31.32	31.32	8.40	8.40	115.6	115.6	7.56	7.56	7.24	1.2	1.3	3.1	
							0.41	121	28.30		31.31	31.31	8.40	8.40	115.6	115.6	7.56	7.56		1.3	1.3		
						M	0.32	119	27.70	27.70	31.47	31.47	8.40	8.40	104.8	104.8	6.92	6.92		3.6	3.6		
							0.33	121	27.70		31.47	31.47	8.40	8.40	104.7	104.7	6.92	6.92		3.6	3.6		
						B	0.35	102	27.30	27.30	31.66	31.67	8.37	8.37	91.7	91.7	6.09	6.09		6.09	4.5		4.5
							0.36	105	27.30		31.67	31.67	8.37	8.37	91.7	91.7	6.09	6.09		6.09	4.6		4.5

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/10

Tide: Flood tide

Monitoring Station	Round	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)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*		
F3	1	Fine	Moderate	05:12	16.8	S	0.26	289	27.40	27.40	31.55	31.55	8.21	8.21	102.0	102.0	6.76	6.76	6.62	0.4	0.4	1.7		
							0.25	285	27.40		31.55		8.21		102.0		6.76			0.4				
						M	0.22	294	27.40	27.40	31.60	31.60	8.16	8.16	97.7	97.7	6.48	6.48		1.4	1.4			
							0.17	301	27.40		31.60		8.16		97.6		6.48			1.4				
						B	0.26	299	27.20	27.20	31.60	31.60	8.11	8.11	89.3	89.4	5.94	5.95		5.95	5.95		3.2	3.2
							0.24	293	27.20		31.60		8.11		89.4		5.95			3.2				
IM6	1	Fine	Moderate	05:03	17.9	S	0.30	292	27.50	27.50	31.49	31.49	8.29	8.29	108.0	108.0	7.15	7.15	6.88	1.3	1.3	0.9		
							0.30	289	27.50		31.48		8.29		108.0		7.15			1.3				
						M	0.32	277	27.50	27.50	31.60	31.60	8.26	8.26	99.9	99.9	6.61	6.61		0.4	0.4			
							0.27	281	27.50		31.60		8.26		99.8		6.61			0.5				
						B	0.30	286	27.40	27.40	31.63	31.63	8.24	8.24	96.7	96.7	6.41	6.41		6.41	6.41		1.0	1.0
							0.31	286	27.40		31.63		8.24		96.7		6.41			1.0				
F3	2	Sunny	Moderate	06:43	17.1	S	0.34	294	27.50	27.50	31.54	31.54	8.33	8.33	106.2	106.2	7.04	7.04	6.71	0.6	0.7	1.9		
							0.36	293	27.50		31.54		8.33		106.2		7.03			0.7				
						M	0.34	298	27.40	27.40	31.74	31.74	8.30	8.30	96.3	96.4	6.38	6.39		6.39	6.39		1.7	1.7
							0.34	292	27.40		31.74		8.30		96.4		6.39			1.8				
						B	0.34	297	27.20	27.20	31.77	31.77	8.27	8.27	88.9	88.9	5.91	5.91		5.91	5.91		3.3	3.4
							0.39	298	27.20		31.77		8.27		88.9		5.91			3.5				
IM6	2	Sunny	Moderate	06:52	18.4	S	0.32	281	27.50	27.50	31.57	31.57	8.31	8.31	104.3	104.3	6.91	6.91	6.73	1.2	1.2	1.3		
							0.32	278	27.50		31.57		8.31		104.3		6.91			1.2				
						M	0.30	281	27.40	27.40	31.65	31.65	8.29	8.29	98.9	98.9	6.55	6.55		6.55	6.55		0.6	0.6
							0.31	287	27.40		31.65		8.29		98.9		6.55			0.6				
						B	0.33	275	27.40	27.40	31.69	31.69	8.28	8.28	95.8	95.8	6.35	6.35		6.35	6.35		2.1	2.1
							0.32	273	27.40		31.69		8.28		95.8		6.35			2.1				

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/12

Tide: Ebb tide

Monitoring Station	Round	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*
E2	1	Sunny	Calm	12:58	8.4	S	0.16	106	28.60	28.60	30.52	30.52	8.31	8.31	122.9	122.9	8.03	8.03	7.34	1.1	1.1	5.7		
							0.13	112	28.60		30.52		8.31		122.9		8.03			1.1				
						M	0.14	86	28.10	28.10	30.69	30.69	8.26	8.26	100.8	100.9	6.64	6.65		4.2				
							0.13	81	28.10		30.69		8.26		101.0		6.65			4.1				
						B	0.18	123	27.90	27.90	30.70	30.70	8.21	8.21	86.9	86.9	5.74	5.74		5.74	5.74		11.8	11.8
							0.22	119	27.90		30.70		8.21		86.9		5.74			11.8				
IM6	1	Sunny	Moderate	13:34	16.9	S	0.26	100	29.30	29.30	30.96	30.95	8.41	8.41	134.3	134.2	8.66	8.65	7.53	1.1	1.1	4.3		
							0.23	96	29.30		30.93		8.40		134.0		8.64			1.2				
						M	0.28	93	27.70	27.70	31.62	31.62	8.36	8.36	97.4	97.2	6.42	6.40		3.4				
							0.28	91	27.70		31.62		8.35		97.0		6.40			3.5				
						B	0.29	132	27.30	27.30	31.79	31.79	8.32	8.32	81.1	81.2	5.38	5.39		5.39	5.39		8.3	8.3
							0.26	130	27.30		31.79		8.32		81.2		5.39			8.4				
E2	2	Sunny	Moderate	15:08	8.9	S	0.15	90	28.30	28.30	30.69	30.69	8.37	8.37	120.2	120.2	7.89	7.89	7.82	1.7	1.7	4.7		
							0.19	95	28.30		30.69		8.37		120.2		7.89			1.7				
						M	0.16	88	28.00	28.00	30.73	30.73	8.36	8.36	117.4	117.3	7.75	7.74		2.6				
							0.20	88	28.00		30.73		8.35		117.2		7.74			2.5				
						B	0.11	86	27.90	27.90	30.97	30.97	8.30	8.30	92.1	92.1	6.08	6.08		6.08	6.08		9.9	9.9
							0.12	89	27.90		30.97		8.30		92.1		6.08			9.9				
IM6	2	Sunny	Moderate	14:37	17.1	S	0.35	107	29.20	29.20	30.94	30.94	8.49	8.49	154.2	154.1	9.97	9.97	8.57	3.5	3.5	6.8		
							0.35	101	29.20		30.94		8.49		154.0		9.96			3.5				
						M	0.35	132	27.90	27.90	31.47	31.47	8.41	8.41	108.9	108.9	7.17	7.17		7.17			7.17	4.6
							0.34	139	27.90		31.47		8.41		108.9		7.17			4.7				
						B	0.29	90	27.40	27.40	31.72	31.72	8.34	8.34	84.0	84.1	5.57	5.57		5.57	5.57		12.1	
							0.31	85	27.40		31.72		8.34		84.1		5.57			12.2				

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: 2022/09/12

Tide: Flood tide

Monitoring Station	Round	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average
F3	1	Fine	Moderate	19:09	17.9	S	0.19	295	28.40	28.40	30.95	30.95	8.41	8.41	123.9	123.9	8.11	8.11	7.26	2.3	2.3	5.4	
							0.18	289	28.40		30.95		8.41		123.8		8.11			2.3			
						M	0.23	284	27.70	27.70	31.50	31.50	8.36	8.36	97.4	97.3	6.42	6.42		4.3	4.3		
							0.28	290	27.70		31.50		8.36		97.1		6.41			4.4			
						B	0.17	264	27.30	27.30	31.69	31.69	8.31	8.31	79.0	79.1	5.25	5.25		5.25	9.4		9.5
							0.12	264	27.30		31.69		8.31		79.1		5.25			9.5			
IM6	1	Fine	Moderate	19:18	16.1	S	0.18	269	28.50	28.50	30.85	30.86	8.39	8.39	126.2	126.1	8.25	8.25	7.69	1.1	1.1	1.9	
							0.13	270	28.50		30.86		8.39		126.0		8.25			1.1			
						M	0.20	266	28.10	28.10	31.11	31.11	8.37	8.37	108.4	108.4	7.12	7.12		1.6	1.5		
							0.24	272	28.10		31.11		8.36		108.3		7.12			1.5			
						B	0.18	261	27.70	27.70	31.47	31.48	8.34	8.34	100.4	100.3	6.63	6.63		6.63	3.0		3.0
							0.19	261	27.70		31.49		8.34		100.2		6.62			3.0			
F3	2	Fine	Moderate	20:36	16.5	S	0.31	275	28.50	28.50	31.00	31.00	8.45	8.45	139.4	139.3	9.11	9.11	7.85	1.5	1.5	4.6	
							0.33	276	28.50		31.00		8.45		139.2		9.10			1.6			
						M	0.31	302	27.80	27.80	31.54	31.54	8.36	8.36	100.2	100.2	6.60	6.60		6.60	3.4		3.5
							0.26	296	27.80		31.53		8.36		100.2		6.60			3.5			
						B	0.30	300	27.30	27.30	31.74	31.74	8.30	8.30	81.0	81.1	5.38	5.39		5.39	8.7		8.7
							0.34	306	27.30		31.74		8.30		81.1		5.39			8.7			
IM6	2	Fine	Moderate	20:22	18.6	S	0.28	274	28.50	28.50	30.82	30.82	8.41	8.41	131.8	131.8	8.62	8.62	8.05	1.0	1.0	1.4	
							0.33	277	28.50		30.82		8.41		131.8		8.62			1.0			
						M	0.25	286	28.30	28.30	31.00	31.01	8.36	8.36	113.8	113.8	7.47	7.47		7.47	1.5		1.5
							0.25	281	28.30		31.01		8.36		113.8		7.47			1.5			
						B	0.25	281	28.00	28.00	31.28	31.28	8.37	8.37	108.2	108.5	7.12	7.14		7.14	1.7		1.7
							0.26	288	28.00		31.28		8.37		108.7		7.15			1.7			

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/14

Tide: Ebb tide

Monitoring Station	Round	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*		
E2	1	Sunny	Moderate	14:06	8.8	S	0.12	95	29.20	29.20	30.42	30.42	8.44	8.44	149.1	149.1	9.66	9.66	9.22	0.9	0.9	3.6		
							0.09	95	29.20		30.42		8.44		149.0		9.66			0.9				
						M	0.12	107	28.50	28.50	30.49	30.50	8.42	8.42	133.9	133.9	8.77	8.77		8.77	8.77		1.3	1.4
							0.07	100	28.50		30.50		8.42		133.8		8.77			1.4				
						B	0.09	75	28.10	28.10	30.79	30.79	8.27	8.27	82.1	82.1	5.41	5.41		5.41	5.41		8.6	8.6
							0.05	79	28.10		30.79		8.27		82.1		5.41			8.6				
IM6	1	Sunny	Moderate	14:37	16.6	S	0.21	111	29.10	29.10	30.27	30.28	8.48	8.48	163.5	163.5	10.62	10.62	8.77	0.8	0.8	4.0		
							0.20	105	29.10		30.28		8.48		163.4		10.61			0.8				
						M	0.13	118	27.90	27.90	31.49	31.49	8.38	8.38	105.2	105.2	6.92	6.92		6.92	6.92		1.3	1.3
							0.17	111	27.90		31.49		8.38		105.2		6.92			1.3				
						B	0.19	121	27.30	27.30	31.91	31.91	8.32	8.32	76.1	76.2	5.05	5.05		5.05	5.05		9.9	9.9
							0.19	123	27.30		31.91		8.32		76.2		5.05			9.9				
E2	2	Sunny	Moderate	16:01	8.2	S	0.09	100	29.20	29.20	30.55	30.55	8.45	8.45	150.3	150.2	9.74	9.74	8.63	1.0	1.0	4.5		
							0.06	97	29.20		30.55		8.45		150.1		9.73			1.0				
						M	0.11	92	28.20	28.20	30.73	30.73	8.35	8.35	114.3	114.4	7.51	7.52		7.52	7.52		2.1	2.1
							0.10	95	28.20		30.73		8.35		114.4		7.52			2.1				
						B	0.17	95	28.00	28.00	30.87	30.87	8.30	8.30	90.4	90.4	5.96	5.96		5.96	5.96		10.4	10.5
							0.17	89	28.00		30.87		8.30		90.4		5.96			10.5				
IM6	2	Sunny	Moderate	15:41	16.5	S	0.25	94	29.00	29.00	30.28	30.28	8.52	8.52	172.3	172.3	11.20	11.20	8.81	0.8	0.8	4.0		
							0.21	93	29.00		30.27		8.52		172.2		11.19			0.8				
						M	0.19	91	27.70	27.75	31.67	31.67	8.37	8.37	97.3	97.4	6.41	6.42		6.42	6.42		3.6	3.6
							0.15	91	27.80		31.66		8.37		97.4		6.42			3.6				
						B	0.24	95	27.40	27.40	31.83	31.83	8.31	8.31	75.5	75.5	5.00	5.00		5.00	5.00		7.5	7.6
							0.23	97	27.40		31.83		8.31		75.5		5.00			7.6				

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/14

Tide: Flood tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*
F3	1	Sunny	Calm	08:36	18.8	S	0.27	288	28.20	28.20	30.24	30.24	8.24	8.24	104.9	104.9	6.92	6.92	6.45	1.0	1.0	4.6
							0.30	293	28.20	30.24	8.24	104.9	6.91	1.0								
						M	0.21	272	27.70	27.70	31.20	31.20	8.25	8.25	90.5	90.5	5.98	5.98	5.23	0.8	0.8	
							0.25	266	27.70	31.19	8.25	90.4	5.98	0.8								
						B	0.26	264	27.40	27.40	31.75	31.75	8.22	8.22	78.9	78.9	5.23	5.23	5.23	12.1	12.1	
							0.21	260	27.40	31.75	8.22	78.9	5.23	12.1								
IM6	1	Sunny	Calm	08:44	15.6	S	0.24	283	28.10	28.10	30.42	30.42	8.23	8.23	102.5	102.5	6.76	6.76	6.46	0.7	0.7	2.2
							0.21	279	28.10	30.42	8.23	102.5	6.76	0.7								
						M	0.24	277	27.90	27.90	31.07	31.07	8.24	8.24	93.2	93.2	6.15	6.15	5.65	1.6	1.6	
							0.20	281	27.90	31.07	8.24	93.2	6.15	1.6								
						B	0.20	280	27.60	27.60	31.63	31.63	8.23	8.23	85.5	85.5	5.65	5.65	5.65	4.3	4.3	
							0.22	272	27.60	31.63	8.23	85.5	5.65	4.3								
F3	2	Sunny	Calm	10:15	19.2	S	0.24	300	28.60	28.60	30.48	30.48	8.32	8.32	122.5	122.5	8.02	8.02	6.96	0.9	0.9	4.5
							0.20	293	28.60	30.48	8.32	122.5	8.02	1.0								
						M	0.23	304	27.60	27.60	31.73	31.73	8.28	8.28	89.3	89.3	5.90	5.90	5.13	2.6	2.6	
							0.20	301	27.60	31.73	8.28	89.3	5.90	2.6								
						B	0.30	272	27.30	27.30	31.99	31.99	8.24	8.24	77.3	77.3	5.13	5.13	5.13	9.9	10.0	
							0.26	275	27.30	31.99	8.24	77.3	5.13	10.0								
IM6	2	Sunny	Calm	10:04	16.1	S	0.23	276	28.40	28.40	30.50	30.50	8.30	8.30	112.4	112.4	7.37	7.37	6.63	1.1	1.1	4.4
							0.27	268	28.40	30.50	8.29	112.3	7.37	1.1								
						M	0.24	298	27.80	27.80	31.29	31.30	8.26	8.26	89.2	89.2	5.88	5.88	5.54	2.4	2.4	
							0.19	300	27.80	31.30	8.26	89.1	5.88	2.4								
						B	0.28	294	27.60	27.60	31.63	31.63	8.25	8.25	83.8	83.8	5.54	5.54	5.54	9.8	9.8	
							0.27	292	27.60	31.63	8.25	83.8	5.54	9.8								

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/16

Tide: Ebb tide

Monitoring Station	Round	Weather Condition	Sea Condition**	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*
E2	1	Misty	Moderate	15:09	8.6	S	0.02	92	28.80	28.80	33.37	33.39	8.57	8.57	132.3	131.5	8.49	8.44	7.52	1.0	1.0	2.0
							0.01	95	28.80		33.40		8.56		130.7		8.38			1.1		
						M	0.03	86	28.70	28.70	33.46	33.46	8.54	8.54	105.3	102.9	6.76	6.61		2.0		
							0.03	88	28.70		33.45		8.54		100.5		6.45			1.9		
						B	0.05	75	29.00	29.05	33.29	33.27	8.56	8.56	110.1	111.2	7.04	7.11		2.9		
							0.07	73	29.10		33.25		8.56		112.3		7.17			2.9		
IM6	1	Misty	Moderate	15:38	16.4	S	0.05	119	29.40	29.40	32.60	32.60	8.47	8.47	126.3	126.3	8.06	8.06	6.28	2.0	2.0	3.3
							0.03	122	29.40		32.60		8.47		126.3		8.06			2.1		
						M	0.02	108	27.40	27.35	34.52	34.54	8.27	8.27	69.2	69.1	4.51	4.51		3.8		
							0.06	104	27.30		34.55		8.27		68.9		4.50			3.9		
						B	0.08	103	27.30	27.30	34.62	34.60	8.32	8.32	71.5	71.8	4.67	4.69		4.2		
							0.10	99	27.30		34.58		8.32		72.1		4.71			4.2		
E2	2	Misty	Moderate	17:10	8.2	S	0.01	85	29.20	29.20	33.23	33.24	8.52	8.52	139.0	138.7	8.87	8.86	7.89	2.1	2.2	3.3
							0.02	85	29.20		33.25		8.52		138.4		8.84			2.2		
						M	0.02	77	28.70	28.70	33.51	33.51	8.46	8.45	111.8	107.7	7.19	6.92		3.4		
							0.00	74	28.70		33.51		8.44		103.5		6.65			3.5		
						B	0.01	72	28.70	28.75	33.46	33.45	8.30	8.31	96.8	100.5	6.21	6.45		4.3		
							0.04	75	28.80		33.44		8.31		104.1		6.68			4.4		
IM6	2	Misty	Moderate	16:42	16.6	S	0.08	128	29.10	29.00	32.82	32.87	8.52	8.52	133.3	132.8	8.55	8.53	6.78	1.3	1.3	2.8
							0.05	132	28.90		32.91		8.52		132.3		8.50			1.4		
						M	0.07	111	27.50	27.45	34.39	34.42	8.33	8.33	78.0	77.2	5.09	5.04		3.0		
							0.07	116	27.40		34.45		8.33		76.3		4.98			3.0		
						B	0.02	127	27.40	27.40	34.58	34.57	8.38	8.38	71.9	72.2	4.69	4.71		4.1		
							0.03	125	27.40		34.56		8.38		72.5		4.73			4.1		

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/16

Tide: Flood tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*
F3	1	Sunny	Calm	10:08	18.6	S	0.14	274	28.40	28.35	33.38	33.46	8.42	8.42	117.7	117.0	7.60	7.56	6.05	1.1	1.1	2.1
							0.15	269	28.30	33.54	8.42		116.2		7.51		1.1					
						M	0.18	280	27.30	27.30	34.81	34.82	8.30	8.30	69.6	69.6	4.54	4.54		2.2		
							0.16	273	27.30	34.83	8.30		69.5		4.53		2.2					
						B	0.15	291	27.30	27.30	34.85	34.85	8.31	8.31	70.7	70.9	4.61	4.63		3.0		
							0.16	287	27.30	34.85	8.31		71.1		4.64		3.0					
IM6	1	Sunny	Calm	10:17	15.6	S	0.18	286	28.60	28.55	32.95	33.02	8.24	8.24	109.1	109.1	7.04	7.04	6.54	1.7	1.7	2.4
							0.22	286	28.50	33.09	8.24		109.1		7.04		1.7					
						M	0.15	296	27.90	27.85	34.18	34.21	8.23	8.23	94.6	93.0	6.14	6.04		2.1		
							0.20	290	27.80	34.24	8.23		91.3		5.93		2.1					
						B	0.18	259	28.10	28.15	33.87	33.84	8.24	8.25	89.2	90.0	5.77	5.82		3.4		
							0.19	260	28.20	33.80	8.25		90.7		5.86		3.3					
F3	2	Sunny	Calm	11:30	18.8	S	0.15	288	28.80	28.80	32.57	32.59	8.39	8.39	120.8	120.7	7.79	7.78	6.29	2.1	2.0	3.1
							0.15	289	28.80	32.60	8.39		120.6		7.77		2.0					
						M	0.19	287	27.20	27.20	34.72	34.72	8.23	8.24	73.3	73.5	4.79	4.80		3.2		
							0.23	294	27.20	34.72	8.24		73.6		4.81		3.3					
						B	0.19	307	27.20	27.20	34.67	34.66	8.24	8.24	79.3	79.6	5.19	5.21		4.1		
							0.17	311	27.20	34.64	8.24		79.9		5.22		4.1					
IM6	2	Sunny	Calm	11:19	16	S	0.16	295	28.70	28.70	32.78	32.83	8.44	8.45	116.9	117.0	7.54	7.54	6.82	2.0	2.0	3.1
							0.14	297	28.70	32.88	8.45		117.1		7.54		2.0					
						M	0.22	280	28.00	27.95	33.95	33.99	8.35	8.35	96.8	94.0	6.28	6.10		3.3		
							0.23	287	27.90	34.03	8.35		91.2		5.92		3.4					
						B	0.17	288	27.70	27.75	34.21	34.16	8.35	8.35	80.9	81.3	5.26	5.28		4.0		
							0.18	288	27.80	34.11	8.35		81.7		5.30		4.1					

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/22

Tide: Ebb tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*
E2	1	Fine	Calm	10:13	9	S	0.26	77	29.14	29.15	30.98	30.98	8.28	8.28	113.2	113.4	7.32	7.33	7.08	0.6	0.6	4.9
							0.62	288	29.16	30.98	8.28		113.6		7.34		0.5					
						M	0.54	351	28.91	28.92	31.37	31.35	8.24	8.25	103.8	105.4	6.72	6.83		2.0		
							0.54	351	28.93		31.33		8.25		107.0		6.93			1.7		
						B	0.70	58	28.65	28.65	32.06	32.06	8.18	8.18	93.4	92.7	6.05	6.01		11.8		
							0.29	2	28.65		32.06		8.18		92.0		5.96			12.9		
IM6	1	Fine	Calm	09:40	17	S	0.14	200	28.44	28.44	32.57	32.57	8.17	8.17	100.6	100.7	6.52	6.53	6.46	2.1	1.9	2.8
							0.06	124	28.43		32.57		8.17		100.7		6.53			1.7		
						M	0.74	307	28.47	28.46	32.65	32.64	8.15	8.16	98.5	98.6	6.38	6.39		2.8		
							0.74	307	28.45		32.62		8.16		98.6		6.39			3.0		
						B	0.51	24	28.52	28.52	32.77	32.77	8.13	8.14	99.0	98.3	6.40	6.36		3.3		
							0.42	194	28.52		32.77		8.14		97.6		6.31			4.0		
E2	2	Fine	Calm	11:18	9	S	1.37	193	29.18	29.19	31.06	31.06	8.28	8.28	115.8	115.7	7.48	7.47	7.39	0.7	0.8	6.4
							0.72	39	29.19		31.05		8.28		115.5		7.46			0.8		
						M	0.16	278	29.06	29.07	31.19	31.19	8.27	8.27	112.4	113.0	7.27	7.31		1.6		
							0.58	123	29.07		31.18		8.27		113.6		7.34			1.4		
						B	0.47	109	28.65	28.65	32.02	32.03	8.20	8.20	96.2	95.9	6.23	6.21		16.5		
							0.26	29	28.65		32.03		8.20		95.6		6.19			17.3		
IM6	2	Fine	Calm	10:46	17	S	1.17	90	28.49	28.50	32.52	32.53	8.22	8.22	102.4	102.8	6.63	6.66	6.54	1.1	1.0	3.2
							1.17	90	28.50		32.53		8.22		103.1		6.68			0.9		
						M	0.28	27	28.46	28.46	32.57	32.58	8.21	8.21	98.9	99.0	6.41	6.42		1.2		
							0.28	27	28.45		32.58		8.21		99.0		6.42			1.0		
						B	0.46	197	28.50	28.50	32.70	32.71	8.19	8.19	96.5	95.3	6.24	6.17		7.2		
							0.46	197	28.50		32.71		8.19		94.1		6.09			8.0		

Remark: * DA: Depth-Averaged

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

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Water Quality Monitoring Data Log Sheet

Date: 2022/09/22

Tide: Flood tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*		
F3	1	Fine	Calm	17:05	17.8	S	0.61	152	28.76	28.76	32.38	32.38	8.23	8.23	110.1	110.4	7.11	7.13	6.76	0.0	0.0	5.0		
							0.61	152	28.76		32.38		8.23		110.6		7.14			0.0				
						M	0.77	325	28.60	28.59	32.53	32.55	8.19	8.19	96.9	98.7	6.27	6.39		6.08	6.03		2.6	2.5
							0.61	40	28.58		32.57		8.19		100.5		6.50			2.3				
						B	0.54	356	28.50	28.50	32.75	32.75	8.15	8.16	94.0	93.3	6.08	6.03		6.03	6.03		12.4	12.6
							0.90	279	28.50		32.75		8.16		92.5		5.98			12.8				
IM6	1	Fine	Calm	16:52	16.1	S	0.52	151	28.97	28.97	32.30	32.30	8.22	8.22	118.0	117.8	7.59	7.58	7.49	0.9	0.9	1.2		
							0.46	281	28.97		32.30		8.22		117.6		7.57			0.9				
						M	0.31	351	28.92	28.91	32.32	32.33	8.20	8.21	114.4	114.7	7.37	7.39		7.41	7.39		1.1	1.1
							0.31	351	28.90		32.33		8.21		115.0		7.41			1.1				
						B	0.29	343	28.88	28.86	32.36	32.37	8.19	8.19	115.8	114.6	7.46	7.39		7.39	7.39		1.6	1.7
							0.41	295	28.83		32.38		8.19		113.4		7.31			1.8				
F3	2	Fine	Calm	18:06	18	S	1.10	314	28.69	28.70	32.53	32.53	8.24	8.24	107.1	107.4	6.92	6.94	6.67	0.0	0.0	6.1		
							0.92	284	28.70		32.53		8.24		107.6		6.95			0.0				
						M	0.43	289	28.55	28.58	32.67	32.65	8.21	8.22	97.2	98.9	6.29	6.40		6.04	6.04		2.3	1.9
							1.00	294	28.60		32.62		8.22		100.6		6.50			1.4				
						B	0.24	272	28.50	28.50	32.79	32.79	8.18	8.18	93.4	93.3	6.04	6.04		6.04	6.04		15.5	16.5
							0.36	63	28.50		32.78		8.18		93.2		6.03			17.4				
IM6	2	Fine	Calm	17:53	16	S	0.30	85	28.79	28.79	32.35	32.35	8.25	8.25	110.5	110.5	7.13	7.13	7.09	0.2	0.2	0.5		
							0.08	33	28.78		32.34		8.25		110.5		7.13			0.2				
						M	0.74	316	28.78	28.78	32.35	32.35	8.25	8.25	108.8	109.3	7.02	7.06		7.06	7.06		0.3	0.3
							0.78	273	28.78		32.35		8.25		109.8		7.09			0.3				
						B	0.75	312	28.73	28.74	32.41	32.41	8.24	8.24	107.5	107.1	6.94	6.92		6.92	6.92		1.0	1.0
							0.30	331	28.74		32.40		8.24		106.7		6.89			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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/24

Tide: Ebb tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*
E2	1	Fine	Calm	11:38	9	S	1.24	318	29.21	29.20	31.81	31.81	8.24	8.24	118.8	118.6	7.64	7.63	7.51	1.8	1.8	1.9
							0.50	3	29.19		31.81		8.24		118.3		7.61			1.8		
						M	0.55	325	29.10	29.11	31.83	31.83	8.22	8.22	113.9	114.7	7.33	7.39		2.3		
							0.79	97	29.12		31.82		8.22		115.5		7.44			1.9		
						B	0.51	100	28.99	29.01	31.85	31.85	8.19	8.20	107.1	108.2	6.91	6.98		1.9		
							0.37	18	29.02		31.84		8.20		109.3		7.05			1.9		
IM6	1	Fine	Calm	11:06	17	S	0.74	200	28.69	28.69	32.60	32.60	8.15	8.15	99.3	99.5	6.41	6.43	6.33	1.5	1.6	5.0
							0.65	193	28.69		32.60		8.15		99.7		6.44			1.6		
						M	1.32	245	28.51	28.51	32.68	32.68	8.13	8.13	96.3	96.3	6.23	6.23		1.7		
							1.32	245	28.51		32.68		8.13		96.2		6.23			1.5		
						B	0.70	22	28.50	28.50	32.69	32.69	8.10	8.11	95.3	94.5	6.17	6.12		10.8		
							0.13	112	28.50		32.69		8.11		93.6		6.06			12.7		
E2	2	Fine	Calm	12:37	9	S	0.24	163	29.22	29.23	31.83	31.83	8.27	8.27	122.1	122.3	7.85	7.86	7.68	1.0	1.0	6.1
							0.15	95	29.23		31.83		8.27		122.5		7.87			1.0		
						M	0.39	334	29.16	29.17	31.84	31.84	8.26	8.26	113.9	116.4	7.33	7.49		2.5		
							0.39	334	29.17		31.83		8.26		118.9		7.65			2.3		
						B	0.19	80	28.87	28.88	31.95	31.94	8.17	8.17	97.8	96.9	6.32	6.26		15.6		
							0.20	286	28.88		31.93		8.17		96.0		6.20			14.3		
IM6	2	Fine	Calm	12:06	17	S	0.88	256	28.78	28.78	32.59	32.59	8.19	8.19	102.1	102.6	6.58	6.62	6.45	1.0	1.0	3.3
							0.28	289	28.77		32.59		8.19		103.1		6.65			1.0		
						M	0.45	158	28.55	28.55	32.67	32.67	8.17	8.17	97.1	97.1	6.28	6.28		2.0		
							0.84	308	28.55		32.67		8.17		97.1		6.28			1.9		
						B	0.46	335	28.52	28.52	32.70	32.70	8.16	8.16	94.7	94.2	6.13	6.10		6.6		
							0.14	110	28.52		32.70		8.16		93.7		6.06			7.0		

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/24

Tide: Flood tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*		
F3	1	Fine	Calm	17:36	18	S	0.72	76	28.69	28.69	32.41	32.42	8.17	8.17	101.6	101.6	6.57	6.57	6.46	1.5	1.6	7.7		
							0.38	83	28.69		32.42		8.17		101.5		6.56			1.6				
						M	0.75	71	28.69	28.70	32.50	32.50	8.17	8.17	98.1	98.5	6.34	6.36		6.34			6.36	2.5
							1.01	71	28.70		32.49		8.17		98.8		6.38			2.7				
						B	0.58	21	28.52	28.52	32.68	32.68	8.14	8.14	89.3	89.2	5.78	5.77		5.77			5.77	18.5
							0.58	21	28.52		32.68		8.14		89.0		5.76			19.3				
IM6	1	Fine	Calm	17:23	16	S	0.57	242	28.89	28.89	32.16	32.16	8.19	8.20	113.0	113.1	7.29	7.30	7.23	1.5	1.5	2.9		
							0.33	114	28.89		32.16		8.20		113.2		7.30			1.4				
						M	0.88	231	28.88	28.89	32.20	32.18	8.18	8.19	110.4	111.2	7.12	7.17		7.12			7.17	2.3
							0.41	185	28.89		32.16		8.19		111.9		7.22			2.0				
						B	0.32	163	28.87	28.87	32.24	32.26	8.17	8.17	109.5	109.5	7.06	7.06		7.06			7.06	4.8
							0.18	321	28.86		32.27		8.17		109.4		7.05			5.3				
F3	2	Fine	Calm	18:32	18	S	0.37	108	28.63	28.63	32.60	32.61	8.19	8.19	98.6	98.8	6.37	6.38	6.37	1.6	1.5	8.7		
							0.55	280	28.63		32.61		8.19		98.9		6.39			1.4				
						M	0.90	144	28.63	28.63	32.61	32.62	8.19	8.19	98.8	98.4	6.38	6.36		6.38			6.36	3.9
							0.90	144	28.62		32.62		8.18		97.9		6.33			3.5				
						B	0.87	262	28.52	28.52	32.69	32.69	8.16	8.16	91.9	91.3	5.95	5.91		5.91			5.91	20.2
							0.33	30	28.52		32.69		8.16		90.6		5.86			21.3				
IM6	2	Fine	Calm	18:19	17	S	0.52	256	28.72	28.72	32.24	32.26	8.20	8.20	109.3	108.0	7.07	6.99	6.91	1.6	1.7	2.7		
							0.19	60	28.72		32.28		8.20		106.7		6.90			1.7				
						M	0.82	255	28.72	28.72	32.30	32.30	8.20	8.20	106.9	105.7	6.91	6.83		6.91			6.83	3.4
							0.77	165	28.72		32.30		8.20		104.4		6.75			2.8				
						B	0.43	168	28.73	28.73	32.29	32.30	8.21	8.21	108.3	108.0	7.00	6.98		6.98			6.98	3.0
							0.52	264	28.72		32.31		8.20		107.7		6.96			3.6				

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/26

Tide: Flood tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)		
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*
F3	1	Fine	Calm	18:06	18	S	0.87	313	28.92	28.93	32.21	32.21	8.19	8.19	110.5	110.8	7.12	7.14	6.60	1.0	1.0	8.3
							0.87	313	28.93		32.21		8.19		111.0		7.15			0.9		
						M	0.99	259	28.52	28.56	32.68	32.65	8.16	8.17	92.4	93.8	5.98	6.07		4.9		
							0.82	248	28.60		32.62		8.17		95.1		6.15			4.5		
						B	1.46	62	28.45	28.45	32.74	32.74	8.15	8.15	87.9	87.6	5.69	5.67		17.4		
							0.79	176	28.45		32.74		8.14		87.3		5.65			21.0		
IM6	1	Fine	Calm	17:52	17	S	0.83	106	29.02	29.03	32.22	32.22	8.21	8.22	116.6	117.2	7.50	7.54	7.32	1.7	1.6	5.8
							0.13	277	29.03		32.22		8.22		117.8		7.58			1.5		
						M	1.08	318	28.90	28.88	32.34	32.37	8.18	8.18	111.0	110.1	7.15	7.10		3.6		
							0.24	279	28.85		32.39		8.18		109.2		7.04			4.0		
						B	0.98	261	28.60	28.60	32.62	32.62	8.12	8.13	96.9	96.5	6.26	6.24		11.3		
							0.88	246	28.60		32.62		8.13		96.1		6.21			12.4		
F3	2	Fine	Calm	19:07	18	S	1.36	311	28.74	28.74	32.27	32.27	8.17	8.17	100.1	100.3	6.47	6.48	6.20	1.0	0.9	6.1
							1.36	311	28.73		32.26		8.16		100.4		6.49			0.8		
						M	0.69	251	28.58	28.54	32.64	32.69	8.17	8.17	92.7	91.7	5.99	5.93		2.8		
							0.90	260	28.50		32.73		8.17		90.6		5.86			2.5		
						B	0.70	301	28.45	28.45	32.77	32.77	8.16	8.16	88.2	87.9	5.71	5.69		14.4		
							0.61	119	28.45		32.77		8.16		87.5		5.66			15.0		
IM6	2	Fine	Calm	18:53	17	S	0.55	60	28.93	28.93	32.09	32.10	8.20	8.20	112.6	112.7	7.26	7.27	7.22	1.4	1.3	2.3
							0.46	221	28.93		32.10		8.20		112.7		7.27			1.2		
						M	1.37	71	28.93	28.93	32.12	32.13	8.20	8.20	111.2	111.4	7.17	7.18		1.5		
							1.35	51	28.92		32.14		8.20		111.5		7.19			1.4		
						B	0.67	120	28.83	28.83	32.32	32.33	8.20	8.20	105.7	105.5	6.82	6.81		4.1		
							0.67	40	28.82		32.33		8.20		105.3		6.79			4.0		

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/26

Tide: Ebb tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)			
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	
E2	1	Fine	Calm	12:46	9	S	0.63	41	29.30	29.30	31.90	31.90	8.26	8.26	123.5	124.4	7.92	7.98	7.59	2.7	2.7	5.7	
							0.70	104	29.30		31.90		8.26		125.2		8.03			2.7			
						M	0.55	265	29.03	29.03	31.92	31.92	8.24	8.24	111.0	111.9	7.15	7.21		4.2	3.9		
							0.55	265	29.03		31.92		8.24		112.8		7.27			3.5			
						B	0.35	319	28.78	28.78	31.99	31.99	8.15	8.15	97.0	95.9	6.27	6.20		6.20	10.6		10.4
							0.53	12	28.78		31.99		8.15		94.8		6.13			10.7			
IM6	1	Fine	Calm	12:16	17.1	S	0.98	226	28.86	28.95	32.17	32.05	8.15	8.15	102.4	103.9	6.61	6.70	6.39	1.4	1.3	3.3	
							0.98	226	29.03		31.93		8.14		105.3		6.78			1.1			
						M	0.57	351	28.49	28.49	32.75	32.75	8.14	8.15	93.7	93.9	6.06	6.08		3.0	2.9		
							0.31	18	28.49		32.74		8.15		94.1		6.09			2.8			
						B	0.55	126	28.46	28.46	32.76	32.76	8.12	8.13	92.7	92.4	6.00	5.98		5.98	5.8		5.8
							0.26	221	28.46		32.76		8.13		92.1		5.96			5.7			
E2	2	Fine	Calm	13:45	9.1	S	0.51	231	29.41	29.41	31.92	31.93	8.30	8.30	127.7	129.3	8.18	8.28	7.46	2.5	2.3	6.6	
							0.82	165	29.40		31.93		8.30		130.9		8.38			2.1			
						M	0.47	27	28.84	28.84	31.99	31.99	8.19	8.20	101.8	102.6	6.58	6.63		6.63	6.9		7.4
							0.47	27	28.84		31.99		8.20		103.4		6.68			6.4			
						B	0.09	301	28.77	28.77	32.00	32.00	8.17	8.17	98.8	98.3	6.39	6.36		6.36	10.5		10.2
							0.09	301	28.76		32.00		8.17		97.8		6.33			10.8			
IM6	2	Fine	Calm	13:15	16.9	S	0.41	241	28.81	28.82	32.31	32.30	8.21	8.21	106.7	107.8	6.88	6.96	6.50	1.7	1.6	5.0	
							0.41	241	28.83		32.28		8.21		108.9		7.03			1.5			
						M	0.61	193	28.46	28.46	32.69	32.69	8.18	8.18	93.4	93.3	6.05	6.04		6.04	5.0		5.2
							0.39	107	28.46		32.69		8.18		93.1		6.03			4.7			
						B	0.78	121	28.45	28.45	32.74	32.74	8.17	8.17	94.2	93.8	6.10	6.08		6.08	8.4		8.3
							0.09	287	28.45		32.74		8.17		93.4		6.05			8.5			

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/30

Tide: Flood tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*		
F3	1	Rainy	Rough	09:40	18	S	0.78	43	28.16	28.16	32.68	32.69	8.13	8.13	90.8	91.0	5.91	5.92	5.86	2.3	2.3	5.3		
							1.34	292	28.16		32.70		8.13		91.2		5.93			2.3				
						M	1.84	310	28.25	28.25	33.15	33.13	8.15	8.15	89.2	89.4	5.78	5.79		5.78	5.79		4.3	4.0
							0.58	314	28.25		33.11		8.15		89.5		5.80			3.6				
						B	0.87	288	28.28	28.28	33.26	33.26	8.15	8.15	88.8	88.8	5.75	5.75		5.75	5.75		9.2	9.8
							0.52	315	28.28		33.26		8.15		88.7		5.74			10.3				
IM6	1	Rainy	Rough	09:25	17	S	1.52	344	28.17	28.17	32.38	32.38	8.08	8.08	88.7	89.3	5.78	5.82	5.71	3.1	3.1	4.2		
							1.52	344	28.17		32.38		8.08		89.8		5.85			3.1				
						M	0.53	311	28.18	28.18	32.49	32.47	8.09	8.09	86.1	86.1	5.61	5.61		5.61	5.61		3.9	3.7
							0.29	319	28.18		32.45		8.09		86.1		5.61			3.5				
						B	0.62	304	28.20	28.20	32.64	32.65	8.09	8.09	86.0	86.0	5.59	5.59		5.59	5.59		5.6	5.9
							1.23	170	28.20		32.65		8.09		86.0		5.59			6.1				
F3	2	Rainy	Rough	10:33	18	S	0.86	80	28.16	28.16	32.83	32.84	8.15	8.15	92.5	92.7	6.02	6.03	5.94	1.8	1.8	3.7		
							0.83	237	28.15		32.84		8.15		92.9		6.04			1.8				
						M	1.01	10	28.19	28.19	32.96	32.96	8.16	8.16	89.9	90.0	5.84	5.85		5.84	5.85		2.6	2.4
							0.26	248	28.19		32.95		8.16		90.1		5.85			2.2				
						B	0.79	286	28.28	28.29	33.26	33.26	8.17	8.17	89.5	89.1	5.79	5.77		5.77	5.77		6.8	7.0
							1.30	340	28.29		33.26		8.17		88.7		5.74			7.2				
IM6	2	Rainy	Rough	10:19	17	S	0.72	6	28.17	28.17	32.42	32.43	8.11	8.11	90.5	90.4	5.90	5.89	5.85	3.2	3.3	4.9		
							0.72	6	28.17		32.44		8.11		90.2		5.88			3.3				
						M	0.83	147	28.18	28.18	32.50	32.52	8.12	8.12	89.0	89.1	5.80	5.81		5.80	5.81		3.9	3.9
							0.41	71	28.18		32.53		8.12		89.2		5.81			3.9				
						B	0.62	281	28.20	28.20	32.69	32.69	8.13	8.13	87.0	87.9	5.66	5.72		5.72	5.72		7.0	7.6
							0.83	129	28.20		32.68		8.13		88.8		5.78			8.1				

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/09/30

Tide: Ebb tide

Monitoring Station	Round	Weather Condition	Sea Condition	Sampling Time	Water Depth (m)	Depth Level ***	Current Velocity	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation		Dissolved Oxygen (mg/L)			Turbidity (NTU)				
									Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*		
E2	1	Cloudy	Rough	14:41	9.2	S	0.25	280	28.10	28.10	31.69	31.69	7.99	7.99	84.7	84.9	5.55	5.56	5.54	8.1	8.1	12.8		
							0.25	280	28.10		31.69		7.99		85.1		5.57			8.1				
						M	0.45	111	28.13	28.14	31.86	31.86	8.01	8.01	84.3	84.3	5.51	5.51		5.51	5.51		10.3	9.3
							0.36	350	28.14		31.85		8.00		84.2		5.51			8.3				
						B	1.13	153	28.12	28.13	31.92	31.94	8.02	8.02	85.5	84.6	5.59	5.53		5.53	5.53		20.0	21.0
							0.30	324	28.13		31.96		8.01		83.6		5.47			22.0				
IM6	1	Cloudy	Rough	14:08	17	S	0.61	10	28.10	28.11	32.41	32.41	8.04	8.04	92.3	92.1	6.02	6.01	5.97	2.2	2.3	3.0		
							0.80	231	28.11		32.41		8.04		91.8		5.99			2.3				
						M	0.72	35	28.17	28.18	32.68	32.69	8.04	8.04	91.1	91.1	5.93	5.93		5.93	5.93		2.7	2.6
							0.57	273	28.18		32.69		8.04		91.1		5.93			2.5				
						B	1.11	45	28.19	28.19	32.79	32.79	8.04	8.04	91.0	90.7	5.92	5.90		5.90	5.90		4.1	4.2
							0.78	186	28.19		32.79		8.04		90.4		5.88			4.3				
E2	2	Cloudy	Rough	15:44	9	S	0.63	135	28.09	28.09	31.78	31.76	8.01	8.01	86.1	86.2	5.64	5.65	5.63	7.0	6.9	8.2		
							0.81	107	28.08		31.73		8.01		86.3		5.65			6.7				
						M	0.72	152	28.10	28.10	31.90	31.90	8.03	8.03	85.8	85.9	5.61	5.62		5.62	5.62		8.5	8.2
							0.55	47	28.10		31.89		8.03		86.0		5.63			7.8				
						B	0.74	169	28.13	28.14	32.03	32.06	8.03	8.03	86.9	86.1	5.68	5.63		5.63	5.63		9.2	9.5
							0.55	120	28.14		32.09		8.03		85.2		5.57			9.7				
IM6	2	Cloudy	Rough	15:12	17	S	0.73	284	28.09	28.10	32.31	32.32	8.07	8.07	89.3	89.3	5.83	5.83	5.84	2.3	2.3	4.3		
							0.73	284	28.10		32.33		8.07		89.2		5.82			2.2				
						M	0.08	281	28.15	28.15	32.58	32.57	8.08	8.08	90.2	90.0	5.87	5.86		5.86	5.86		2.9	2.8
							0.87	286	28.14		32.56		8.08		89.8		5.85			2.6				
						B	0.72	109	28.22	28.22	32.95	32.94	8.10	8.10	89.9	89.6	5.84	5.82		5.82	5.82		8.7	8.0
							0.31	69	28.22		32.93		8.10		89.3		5.80			7.3				

Remark: * DA: Depth-Averaged

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

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

Table G.1a Level of Dissolved Oxygen (DO) (Surface & Middle) during Ebb Tide

Monitoring Date	Station	Round	Mean DO (mg/L)	Action Level	Limit Level
12-Sep-2022	E2	1	7.34	< 4.1	< 3.0
		2	7.82		
	IM6	1	7.53		
		2	8.57		
14-Sep-2022	E2	1	9.22		
		2	8.63		
	IM6	1	8.77		
		2	8.81		
16-Sep-2022	E2	1	7.52		
		2	7.89		
	IM6	1	6.28		
		2	6.78		
22-Sep-2022	E2	1	7.08		
		2	7.39		
	IM6	1	6.46		
		2	6.54		
24-Sep-2022	E2	1	7.51		
		2	7.68		
	IM6	1	6.33		
		2	6.45		
26-Sep-2022	E2	1	7.59		
		2	7.46		
	IM6	1	6.39		
		2	6.50		
30-Sep-2022	E2	1	5.54		
		2	5.63		
	IM6	1	5.97		
		2	5.84		

Table G.1b Level of Dissolved Oxygen (DO) (Surface & Middle) during Flood Tide

Monitoring Date	Station	Round	Mean DO (mg/L)	Action Level	Limit Level
12-Sep-2022	F3	1	7.26	< 4.1	< 3.0
		2	7.85		
	IM6	1	7.69		
		2	8.05		
14-Sep-2022	F3	1	6.45		
		2	6.96		
	IM6	1	6.46		
		2	6.63		
16-Sep-2022	F3	1	6.05		
		2	6.29		
	IM6	1	6.54		
		2	6.82		
22-Sep-2022	F3	1	6.76		
		2	6.67		
	IM6	1	7.49		
		2	7.09		
24-Sep-2022	F3	1	6.46		
		2	6.37		
	IM6	1	7.23		
		2	6.91		
26-Sep-2022	F3	1	6.60		
		2	6.20		
	IM6	1	7.32		
		2	7.22		
30-Sep-2022	F3	1	5.86		
		2	5.94		
	IM6	1	5.71		
		2	5.85		

Table G.2a Level of Dissolved Oxygen (Bottom) during Ebb Tide

Monitoring Date	Station	Round	Mean DO (mg/L)	Action Level	Limit Level
12-Sep-2022	E2	1	5.74	< 2.7	< 2.0
		2	6.08		
	IM6	1	5.39		
		2	5.57		
14-Sep-2022	E2	1	5.41		
		2	5.96		
	IM6	1	5.05		
		2	5.00		
16-Sep-2022	E2	1	7.11		
		2	6.45		
	IM6	1	4.69		
		2	4.71		
22-Sep-2022	E2	1	6.01		
		2	6.21		
	IM6	1	6.36		
		2	6.17		
24-Sep-2022	E2	1	6.98		
		2	6.26		
	IM6	1	6.12		
		2	6.10		
26-Sep-2022	E2	1	6.20		
		2	6.36		
	IM6	1	5.98		
		2	6.08		
30-Sep-2022	E2	1	5.53		
		2	5.63		
	IM6	1	5.90		
		2	5.82		

Table G.2b Level of Dissolved Oxygen (Bottom) during Flood Tide

Monitoring Date	Station	Round	Mean DO (mg/L)	Action Level	Limit Level
12-Sep-2022	F3	1	5.25	< 2.7	< 2.0
		2	5.39		
	IM6	1	6.63		
		2	7.14		
14-Sep-2022	F3	1	5.23		
		2	5.13		
	IM6	1	5.65		
		2	5.54		
16-Sep-2022	F3	1	4.63		
		2	5.21		
	IM6	1	5.82		
		2	5.28		
22-Sep-2022	F3	1	6.03		
		2	6.04		
	IM6	1	7.39		
		2	6.92		
24-Sep-2022	F3	1	5.77		
		2	5.91		
	IM6	1	7.06		
		2	6.98		
26-Sep-2022	F3	1	5.67		
		2	5.69		
	IM6	1	6.24		
		2	6.81		
30-Sep-2022	F3	1	5.75		
		2	5.77		
	IM6	1	5.59		
		2	5.72		