

## **ANNEX G**

### **CONSTRUCTION PHASE MARINE WATER QUALITY MONITORING RESULTS**

Water Quality Monitoring Data Log Sheet

Date: 2022/02/02

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
E3	Cloudy	Calm	11:39	17.1	S	0.73	241	17.86	17.86	33.00	33.00	8.20	8.20	95.8	95.8	7.46	7.46	7.45	11.2	11.0	22.1	17.4	17.2	30.4			
						0.73	241	17.86	17.86	33.00	33.00	8.20	8.20	95.8	95.8	7.46	7.46	7.45	7.45	7.45	10.8	10.3	22.1		17.0	17.2	
					M	0.50	112	17.88	17.88	33.00	33.02	8.20	8.20	95.7	95.7	7.45	7.45	7.45	7.45	7.45	19.1	18.3	22.1		25.6	26.2	30.4
						0.40	13	17.88	17.88	33.03	33.03	8.20	8.20	95.6	95.6	7.44	7.44	7.45	7.45	7.45	17.5	18.3	22.1		26.8	26.2	
					B	1.56	76	17.88	17.88	32.93	32.94	8.20	8.20	97.4	96.8	7.59	7.59	7.54	7.54	7.54	36.7	37.0	22.1		47.0	47.8	30.4
						1.56	76	17.88	17.88	32.94	32.94	8.20	8.20	96.1	96.8	7.49	7.49	7.54	7.54	7.54	37.2	37.0	22.1		48.6	47.8	
IM6	Cloudy	Calm	13:01	14.1	S	0.71	177	17.91	17.91	33.08	33.08	8.19	8.19	95.7	95.7	7.44	7.44	7.44	10.3	10.3	13.5	16.4	17.1	21.8			
						0.70	244	17.91	17.91	33.08	33.08	8.19	8.19	95.6	95.6	7.44	7.44	7.44	10.3	10.3	13.5	17.8	17.1				
					M	0.85	163	17.88	17.88	33.09	33.09	8.20	8.20	95.6	95.6	7.44	7.44	7.44	7.44	7.44	9.2	8.7	13.5		18.5	18.2	21.8
						0.63	156	17.88	17.88	33.09	33.09	8.20	8.20	95.6	95.6	7.44	7.44	7.44	7.44	7.44	8.2	8.7	13.5		17.8	18.2	
					B	0.78	155	17.89	17.89	33.09	33.09	8.21	8.21	97.6	97.0	7.59	7.59	7.54	7.54	7.54	20.7	21.4	13.5		29.1	30.1	21.8
						0.85	113	17.89	17.89	33.09	33.09	8.20	8.20	96.3	97.0	7.49	7.49	7.54	7.54	7.54	22.1	21.4	13.5		31.1	30.1	
IM7	Cloudy	Calm	12:32	13.0	S	0.47	178	17.86	17.86	33.04	33.04	8.22	8.22	96.8	96.8	7.54	7.54	7.55	4.9	4.6	7.8	10.7	11.0	15.4			
						0.07	323	17.85	17.85	33.04	33.04	8.22	8.22	96.7	96.8	7.53	7.53	7.54	4.3	4.6	7.8	11.3	11.0				
					M	0.60	183	17.85	17.85	33.07	33.07	8.22	8.22	97.1	97.0	7.56	7.56	7.56	7.56	7.56	7.3	6.8	7.8		11.3	11.7	15.4
						0.60	183	17.85	17.85	33.07	33.07	8.22	8.22	96.9	97.0	7.55	7.55	7.56	7.56	7.56	6.3	6.8	7.8		12.0	11.7	
					B	0.58	321	17.84	17.84	33.07	33.08	8.23	8.23	99.2	99.2	7.73	7.73	7.73	7.73	7.73	11.9	11.9	7.8		24.0	23.5	15.4
						0.58	321	17.84	17.84	33.08	33.08	8.23	8.23	99.2	99.2	7.73	7.73	7.73	7.73	7.73	11.9	11.9	7.8		23.0	23.5	
IM8	Cloudy	Calm	12:42	14.5	S	1.07	10	17.85	17.85	33.10	33.11	8.21	8.21	96.5	96.5	7.51	7.51	7.52	6.8	6.6	10.9	11.2	11.9	20.1			
						1.07	10	17.85	17.85	33.11	33.11	8.21	8.21	96.5	96.5	7.51	7.51	7.52	6.3	6.6	10.9	12.6	11.9				
					M	0.69	157	17.84	17.84	33.11	33.11	8.22	8.22	96.7	96.6	7.53	7.53	7.52	7.52	7.52	9.9	9.3	10.9		17.0	17.8	20.1
						0.55	308	17.84	17.84	33.11	33.11	8.22	8.22	96.5	96.6	7.51	7.51	7.52	7.52	7.52	8.6	9.3	10.9		18.6	17.8	
					B	0.91	143	17.84	17.84	33.11	33.11	8.22	8.22	98.0	97.7	7.63	7.63	7.61	7.61	7.61	17.9	17.0	10.9		29.9	30.6	20.1
						0.91	143	17.84	17.84	33.11	33.11	8.22	8.22	97.3	97.7	7.58	7.58	7.61	7.61	7.61	16.1	17.0	10.9		31.2	30.6	
IM9	Cloudy	Calm	12:10	15.1	S	0.66	53	17.83	17.83	33.12	33.12	8.22	8.22	96.5	96.5	7.52	7.52	7.53	6.7	6.7	9.9	9.8	10.2	15.5			
						0.66	53	17.83	17.83	33.12	33.12	8.22	8.22	96.5	96.5	7.52	7.52	7.53	6.7	6.7	9.9	10.6	10.2				
					M	0.17	346	17.83	17.83	33.12	33.12	8.22	8.22	96.9	96.8	7.55	7.55	7.54	7.54	7.54	9.1	9.0	9.9		12.6	13.2	15.5
						0.21	163	17.83	17.83	33.12	33.12	8.22	8.22	96.6	96.8	7.52	7.52	7.54	7.54	7.54	8.8	9.0	9.9		13.7	13.2	
					B	0.24	226	17.84	17.84	33.12	33.12	8.23	8.23	98.2	97.8	7.65	7.65	7.62	7.62	7.62	13.1	14.0	9.9		23.4	23.0	15.5
						0.24	226	17.84	17.84	33.12	33.12	8.23	8.23	97.4	97.8	7.58	7.58	7.62	7.62	7.62	14.9	14.0	9.9		22.6	23.0	

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: 2022/02/02

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
F3	Cloudy	Calm	9:03	17.1	S	0.31	172	17.86	17.86	32.97	32.98	8.23	8.23	98.2	98.2	7.65	7.65	7.65	7.65	5.9	5.9	12.7	10.0	9.6	19.5
						0.31	172	17.85	17.86	32.98		8.23		98.1		7.64		5.9		9.1					
						0.16	324	17.86	17.86	33.01		8.23		98.4		7.66		9.0		9.7					
					M	0.07	161	17.86	17.86	33.01	8.23	98.2	7.65	9.7	10.5										
						0.93	200	17.85	17.86	33.02	8.24	99.2	7.73	23.0	39.7										
						1.03	191	17.86	17.86	33.02	8.24	98.8	7.69	22.8	38.2										
IM6	Cloudy	Calm	8:48	15.0	S	1.18	174	17.89	17.89	33.00	33.00	8.21	8.21	97.3	97.3	7.57	7.57	7.57	7.57	10.9	10.1	14.8	15.1	14.7	22.5
						1.18	174	17.89	17.89	33.00		8.21		97.3		7.57		9.2		14.3					
						0.56	192	17.89	17.89	33.02		8.21		97.1		7.56		13.2		20.3					
					M	0.66	192	17.89	17.89	33.02	8.22	97.1	7.56	14.0	20.9										
						0.40	266	17.89	17.89	33.02	8.21	97.1	7.56	20.3	32.1										
						0.40	266	17.89	17.89	33.02	8.21	97.0	7.55	21.1	32.1										
IM7	Cloudy	Calm	9:33	12.3	S	0.40	27	17.83	17.83	33.09	33.09	8.25	8.25	98.4	98.4	7.66	7.66	7.66	7.66	6.3	6.1	10.6	10.9	10.7	15.6
						0.40	27	17.82	17.83	33.09		8.25		98.3		7.66		5.8		10.5					
						0.45	166	17.83	17.84	33.10		8.25		98.8		7.70		9.2		11.0					
					M	0.58	187	17.84	17.84	33.10	8.25	98.5	7.67	8.1	11.6										
						0.55	252	17.84	17.85	33.10	8.25	100.1	7.80	25.3	24.7										
						0.47	127	17.85	17.85	33.10	8.25	99.4	7.74	18.0	24.0										
IM8	Cloudy	Calm	9:22	14.3	S	0.66	41	17.82	17.82	33.09	33.09	8.25	8.25	98.3	98.3	7.66	7.66	7.66	7.66	9.9	9.2	15.3	17.0	16.6	25.6
						0.66	41	17.82	17.82	33.09		8.25		98.3		7.66		8.4		16.2					
						0.34	79	17.83	17.83	33.09		8.25		98.4		7.66		12.4		15.3					
					M	0.52	84	17.83	17.83	33.09	8.25	98.3	7.66	14.3	19.4										
						0.51	163	17.84	17.84	33.09	8.25	100.4	7.82	27.9	42.8										
						0.51	163	17.84	17.84	33.09	8.25	99.5	7.75	25.1	57.6										
IM9	Cloudy	Calm	9:54	15.1	S	0.73	329	17.89	17.89	33.09	33.09	8.23	8.23	98.2	98.2	7.64	7.64	7.64	7.64	13.5	13.4	21.7	24.2	24.0	36.4
						0.73	329	17.88	17.89	33.09		8.23		98.2		7.64		13.2		23.7					
						0.48	286	17.89	17.89	33.03		8.24		98.4		7.66		18.1		33.6					
					M	0.99	153	17.89	17.89	33.04	8.24	98.3	7.65	20.5	32.4										
						0.41	285	17.90	17.90	33.05	8.25	99.6	7.75	32.4	52.7										
						0.52	127	17.90	17.90	33.05	8.24	99.1	7.71	32.6	51.9										

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Date: 2022/02/02

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E6	Rainy	Moderate	12:39	6.3	S	0.06	16	18.13	18.16	31.81	31.87	8.23	8.23	91.4	91.4	7.13	7.13	7.06	6.0	6.0	13.5	5.4	5.3	15.1		
						0.06	16	18.18		31.92		8.22		91.4		7.12			6.0			5.1				
						0.47	340	18.25		32.19		8.23		90.1		7.00			15.4			15.6				
					M	1.23	4	18.24	32.17	8.22	90.1	7.00	14.6	16.0												
						0.16	4	18.25	32.2	8.24	90.9	7.06	18.8	24.4												
						0.71	321	18.25	32.2	8.23	90.1	7.00	20.1	24.1												
IM17	Cloudy	Moderate	13:17	5.3	S	0.32	60	17.52	17.52	32.52	32.53	8.29	8.29	94.9	94.9	7.46	7.46	7.46	6.3	6.2	7.6	7.5	7.7	9.7		
						0.45	77	17.52		32.53		8.29		94.8		7.45			6.0			7.8				
						0.37	122	17.52		32.59		8.3		95.9		7.54			8.7			11.6				
					B	0.29	167	17.52	32.59	8.29	94.5	7.43	9.3	11.9												
						0.10	118	17.94	17.95	31.67	31.68	8.25	8.25	93.3	93.4	7.31	7.32	7.25	3.5	3.3	9.2	2.1	2.2		10.4	
						0.10	118	17.96		31.68		8.25		93.5		7.33			3.1			2.2				
M	0.42	121	17.93	17.93	32.14	32.14	8.27	8.27	91.8	91.8	7.18	7.18	7.18	6.9	6.7	9.2	7.8	7.8	10.4							
	0.47	142	17.93		32.13		8.26		91.8		7.18			6.4			7.8									
	B	0.39	289		17.96		17.96		32.37		32.37			8.27			8.27			91.4	91.3	7.13	7.13	7.13		17.4
0.39		289	17.96	32.37	8.27	91.2		7.12	17.9	21.6																
0.71		356	18.08	18.08	32.45	32.45		8.22	8.22	91.2		91.3	7.10	7.11	7.07	7.1		7.1		13.6		7.3			7.1	15.9
0.46	312	18.08	32.45		8.22		91.3	7.11		7.0	6.8															
IM19	Rainy	Moderate	12:18	18.4	S	0.48	358	18.08	18.08	32.46	32.46	8.22	8.22	90.5	90.5	7.04	7.04	7.04	14.2	13.3	13.6	8.7	8.6	15.9		
						0.56	40	18.08		32.46		8.22		90.5		7.04			12.3			8.5				
						0.36	13	18.07		18.08		32.45		32.45		8.26			8.26			90.0			90.0	
					0.36	13	18.08	32.45	8.25		90.0	7.00	19.1		31.6											

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								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*						
E5	Rainy	Moderate	7:31	5.4	S	0.27	18	18.01	18.01	32.14	32.14	8.16	8.17	92.5	92.5	7.22	7.22	7.22	10.8	10.9	11.4	11.6	11.5	13.3						
						0.27	18	18.01	18.01	32.14	32.14	8.17	8.17	92.5	92.5	7.22	7.22	7.22	10.9	10.9	11.4	11.3	11.5							
					B	0.49	11	18.00	18.00	32.14	32.15	8.17	8.17	94.3	93.4	7.36	7.29	7.29	11.8	11.9	11.4	15.2	15.1		11.4					
						1.07	341	18.00	18.00	32.15	32.15	8.16	8.16	92.4	93.4	7.21	7.29	7.29	12.0	11.9	11.4	14.9	15.1							
F6	Rainy	Moderate	9:10	13.5	S	0.49	287	18.08	18.08	31.91	31.91	8.22	8.22	91.8	91.9	7.17	7.18	7.16	5.0	5.2	8.7	5.4	5.2	11.1						
						0.34	291	18.07	18.07	31.91	31.91	8.22	8.22	91.9	91.9	7.18	7.18	7.16	5.3	5.2		5.0	5.2							
					M	0.64	338	18.09	18.09	31.92	31.92	8.21	8.21	91.5	91.5	7.14	7.14	7.14	6.6	6.6	8.7	6.6	6.6		8.7	8.8	9.1			
						0.37	302	18.09	18.09	31.92	31.92	8.21	8.21	91.5	91.5	7.14	7.14	7.14	6.6	6.6		9.4	9.1							
					B	0.88	333	18.09	18.09	31.92	31.93	8.22	8.22	92.1	91.8	7.19	7.16	7.16	14.8	14.4	8.7	14.8	14.4		8.7	18.9	19.1			
						0.25	269	18.09	18.09	31.93	31.93	8.22	8.22	91.4	91.8	7.13	7.16	7.16	13.9	14.4		19.3	19.1							
					IM17	Rainy	Moderate	8:07	4.3	S	0.25	336	18.07	18.08	31.56	31.57	8.21	8.21	92.5	92.5	7.24	7.24	7.24		7.3	7.4	9.6	8.2	8.3	9.7
											0.25	336	18.08	18.08	31.57	31.57	8.21	8.21	92.5	92.5	7.24	7.24	7.24		7.5	7.4		8.4	8.3	
B	0.63	328	18.11	18.10						31.58	31.58	8.21	8.21	92.8	92.6	7.26	7.25	7.25	12.6	11.7	9.6	12.6	11.7	9.6	10.9	11.1				
	0.45	326	18.09	18.10						31.57	31.58	8.21	8.21	92.4	92.6	7.23	7.25	7.25	10.8	11.7		11.2	11.1							
IM18	Rainy	Moderate	8:19	16.4	S	0.40	330	18.03	18.03	31.24	31.24	8.22	8.22	92.2	92.3	7.23	7.24	7.17	5.4	5.7	7.3	5.0	5.1	7.7						
						0.40	330	18.02	18.03	31.24	31.24	8.22	8.22	92.3	92.3	7.24	7.24	7.17	5.9	5.7		5.2	5.1							
					M	0.10	29	18.23	18.23	31.56	31.57	8.21	8.22	91.0	91.1	7.10	7.11	7.11	5.9	6.3	7.3	6.9	6.9		7.3	6.9	6.9			
						0.36	345	18.23	18.23	31.57	31.57	8.22	8.22	91.1	91.1	7.11	7.11	7.11	6.6	6.3		6.8	6.9							
					B	0.29	327	18.24	18.24	31.73	31.73	8.19	8.20	90.8	90.7	7.08	7.07	7.07	9.3	10.0	7.3	11.2	11.1		7.3	11.2	11.1			
						0.12	138	18.24	18.24	31.73	31.73	8.20	8.20	90.6	90.7	7.06	7.07	7.07	10.6	10.0		10.9	11.1							
IM19	Rainy	Moderate	8:36	17.1	S	0.72	2	18.12	18.13	31.58	31.59	8.21	8.21	91.3	91.4	7.14	7.15	7.09	3.9	3.8	19.9	3.1	3.3	18.4						
						0.72	2	18.14	18.13	31.60	31.59	8.21	8.21	91.5	91.4	7.15	7.15	7.09	3.6	3.8		3.5	3.3							
					M	0.63	348	18.27	18.27	31.89	31.89	8.21	8.21	90.5	90.5	7.04	7.04	7.04	4.5	4.7	19.9	8.7	8.9		19.9	8.7	8.9			
						0.88	346	18.27	18.27	31.89	31.89	8.21	8.21	90.5	90.5	7.04	7.04	7.04	4.9	4.7		9.1	8.9							
					B	0.45	4	18.35	18.35	32.12	32.13	8.21	8.21	90.3	90.2	7.01	7.00	7.00	49.3	51.4	19.9	43.2	42.9		19.9	43.2	42.9			
						0.45	4	18.35	18.35	32.13	32.13	8.21	8.21	90.0	90.2	6.98	7.00	7.00	53.4	51.4		42.5	42.9							

Remark: \* DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/02/04

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
E2	Fine	Calm	15:01	9.1	S	0.11	199	17.78	17.77	33.02	33.02	8.09	8.09	96.1	96.1	7.50	7.50	7.49	3.3	3.4	3.8	4.3	4.5	5.0			
						0.62	48	17.75		33.02		8.09		96.0		7.49						3.4			4.6		
					M	0.28	114	17.72	17.73	33.02	33.02	8.09	8.09	95.6	95.7	7.47	7.48	7.48	7.48	7.48	7.48	3.6	4.4		3.8	4.7	4.9
						0.31	194	17.73		33.02		8.09		95.8		7.48										3.6	
					B	0.37	121	17.61	17.61	33.01	33.01	8.11	8.11	96.0	95.6	7.51	7.48	7.48	7.48	7.48	7.48	4.3	4.4		4.5	5.4	5.6
						0.45	172	17.60		33.01		8.10		95.2		7.45										4.3	
IM3	Fine	Calm	15:47	15.2	S	0.24	217	17.23	17.23	32.90	32.90	8.05	8.05	87.9	87.9	6.93	6.93	6.98	2.8	2.8	3.3	3.6	3.5				
						0.14	124	17.23		32.90		8.05		87.8		6.93						2.8		3.3			
					M	0.32	96	17.22	17.22	32.91	32.91	8.05	8.05	89.9	89.2	7.09	7.03	7.03	7.03	7.03	7.03	3.1	3.2	3.1	3.9	3.7	
						0.39	172	17.22		32.91		8.05		88.4		6.97									3.2		3.5
					B	0.12	33	17.22	17.22	32.91	32.91	8.06	8.06	91.1	91.3	7.19	7.20	7.20	7.20	7.20	7.20	3.7	3.9	3.7	4.0	4.2	
						0.12	33	17.22		32.91		8.06		91.4		7.21									4.1		4.4
IM4	Fine	Calm	15:27	17.1	S	0.14	113	17.73	17.76	33.00	33.02	8.09	8.09	95.9	96.1	7.49	7.50	7.44	2.6	2.5	3.2	3.0	3.2				
						0.83	35	17.79		33.04		8.09		96.2		7.50						2.4		3.4			
					M	0.64	136	17.51	17.51	33.01	33.01	8.08	8.08	94.1	94.1	7.38	7.38	7.38	7.38	7.38	7.38	2.9	3.0	2.9	4.2	4.1	
						0.11	140	17.50		33.01		8.08		94.1		7.38									3.0		3.9
					B	0.46	82	17.51	17.51	33.01	33.01	8.08	8.08	93.8	93.8	7.35	7.35	7.35	7.35	7.35	7.35	4.2	4.1	4.2	5.2	5.4	
						0.46	82	17.51		33.01		8.08		93.7		7.35									4.0		5.5
IM5	Fine	Calm	14:39	15.7	S	0.53	180	17.84	17.84	33.04	33.05	8.12	8.12	96.8	96.9	7.54	7.55	7.52	2.8	2.7	4.0	3.6	3.5				
						0.53	180	17.83		33.05		8.12		97.0		7.56						2.5		3.3			
					M	0.41	279	17.56	17.56	33.03	33.03	8.12	8.12	95.5	95.5	7.48	7.48	7.48	7.48	7.48	7.48	4.5	4.4	4.5	5.5	5.3	
						0.41	279	17.56		33.03		8.12		95.5		7.48									4.2		5.1
					B	0.64	41	17.58	17.58	33.04	33.05	8.13	8.13	95.8	95.7	7.50	7.49	7.49	7.49	7.49	7.49	5.0	4.9	4.9	7.7	7.6	
						0.32	104	17.58		33.05		8.12		95.5		7.48									4.8		7.4
IM6	Fine	Calm	14:26	14.4	S	0.6	103	17.77	17.84	33.07	33.08	8.12	8.12	96.8	97.1	7.55	7.56	7.54	2.7	2.6	3.1	3.4	3.2				
						0.29	48	17.91		33.08		8.12		97.3		7.57						2.5		3.0			
					M	0.88	140	17.58	17.58	33.07	33.07	8.12	8.12	96.0	96.0	7.51	7.51	7.51	7.51	7.51	7.51	3.4	3.3	3.4	4.5	4.4	
						0.55	203	17.58		33.07		8.12		96.0		7.51									3.2		4.2
					B	0.31	344	17.57	17.57	33.07	33.07	8.13	8.13	96.0	95.9	7.52	7.51	7.51	7.51	7.51	7.51	3.5	3.4	3.5	5.2	5.4	
						0.64	67	17.57		33.07		8.12		95.8		7.50									3.2		5.6

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/04

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value
F2	Cloudy	Moderate	7:57	19.7	S	0.64	211	17.43	17.44	33.02	33.02	8.24	8.24	95.7	95.7	7.51	7.51	7.51	3.8	3.8	5.0	4.3	4.2	5.2
						0.80	241	17.44	33.01	33.01	8.24	8.24	95.7	95.6	7.51	7.51	7.51	3.7	4.1	4.1				
						0.68	338	17.44	33.01	33.01	8.24	8.24	95.6	95.5	7.51	7.50	7.51	4.3	4.1	4.8				
					M	0.88	245	17.43	33.00	33.00	8.29	8.28	95.7	95.6	7.51	7.50	7.51	7.0	7.2	6.7		6.5		
						0.96	319	17.44	33.02	33.01	8.26	8.28	95.5	95.6	7.50	7.51	7.51	7.4	7.2	6.3				
						0.96	319	17.45	33.02	33.01	8.26	8.28	95.5	95.6	7.50	7.51	7.51	7.4	7.2	6.3				
F3	Cloudy	Moderate	8:32	17.8	S	0.63	286	17.35	17.36	32.86	32.86	8.26	8.26	96.3	96.4	7.58	7.59	7.58	3.9	4.0	5.5	5.2	5.1	7.0
						0.16	36	17.37	32.86	32.86	8.26	8.26	96.4	96.4	7.59	7.59	7.58	4.0	4.9	4.9				
						0.21	324	17.37	32.89	32.89	8.27	8.27	96.2	96.2	7.57	7.57	7.57	4.8	4.9	7.1				
					M	0.25	331	17.37	32.89	32.89	8.26	8.27	96.1	96.2	7.56	7.56	7.56	5.0	4.9	6.9		7.0		
						0.84	279	17.38	32.86	32.86	8.28	8.28	96.2	96.1	7.57	7.56	7.56	8.1	7.8	9.2				
						0.84	279	17.38	32.86	32.86	8.27	8.28	96.0	96.1	7.55	7.56	7.56	7.4	7.8	8.7				
IM3	Cloudy	Moderate	10:58	15.2	S	0.85	199	17.30	17.30	32.80	32.80	8.18	8.18	89.2	89.3	7.03	7.04	7.07	4.5	4.4	5.3	5.1	4.9	6.6
						0.85	199	17.30	32.80	32.80	8.18	8.18	89.4	89.3	7.05	7.04	7.07	4.3	4.4	4.7				
						0.48	317	17.30	32.81	32.81	8.18	8.18	90.6	90.1	7.14	7.10	7.10	4.9	4.7	5.3				
					M	0.59	157	17.30	32.81	32.81	8.18	8.18	89.6	89.6	7.06	7.10	7.10	4.5	4.7	5.5		5.4		
						0.06	355	17.27	32.66	32.66	8.21	8.21	93.2	93.2	7.36	7.36	7.36	6.8	6.8	9.5				
						0.51	163	17.29	32.65	32.66	8.20	8.21	93.1	93.2	7.35	7.36	7.36	6.7	6.8	9.3				
IM4	Cloudy	Moderate	10:34	17	S	0.14	49	17.41	17.41	32.98	32.98	8.21	8.21	94.4	94.4	7.42	7.42	7.40	4.4	4.5	6.4	5.0	5.2	7.3
						0.14	49	17.41	32.98	32.98	8.21	8.21	94.4	94.4	7.42	7.42	7.40	4.5	4.5	5.3				
						0.45	239	17.40	32.98	32.98	8.21	8.21	94.0	94.0	7.39	7.39	7.39	5.2	5.3	6.7				
					M	0.25	54	17.40	32.98	32.98	8.21	8.21	93.9	94.0	7.38	7.39	7.39	5.4	5.3	6.5		6.6		
						0.11	126	17.42	32.98	32.99	8.22	8.22	94.1	94.0	7.39	7.38	7.38	8.7	9.5	10.3				
						0.22	127	17.42	32.99	32.99	8.21	8.22	93.8	94.0	7.37	7.38	7.38	10.2	9.5	9.9				
IM5	Cloudy	Moderate	10:16	15.4	S	0.50	333	17.50	17.50	33.00	33.00	8.27	8.27	96.3	96.3	7.55	7.55	7.54	3.7	3.5	4.4	3.6	3.8	5.8
						0.55	73	17.50	33.00	33.00	8.26	8.27	96.3	96.3	7.55	7.55	7.55	3.3	3.5	3.9				
						0.46	129	17.50	33.00	33.00	8.27	8.27	96.0	96.0	7.53	7.53	7.53	4.5	4.6	4.6				
					M	0.46	129	17.50	33.00	33.00	8.27	8.27	96.0	96.0	7.53	7.53	7.53	4.7	4.6	4.6		4.6		
						0.38	233	17.49	33.00	33.00	8.28	8.28	96.4	96.3	7.56	7.55	7.55	5.4	5.2	8.8				
						0.47	263	17.50	33.00	33.00	8.27	8.28	96.1	96.3	7.54	7.55	7.55	5.0	5.2	9.0				
IM6	Cloudy	Moderate	10:04	14.3	S	0.55	317	17.52	17.52	33.03	33.03	8.27	8.27	96.4	96.4	7.56	7.56	7.55	3.0	3.0	3.9	5.7	5.7	6.6
						0.38	266	17.52	33.03	33.03	8.27	8.27	96.4	96.4	7.56	7.56	7.55	3.0	3.0	5.7				
						0.59	315	17.51	33.03	33.03	8.27	8.27	96.1	96.1	7.53	7.53	7.53	4.0	3.9	6.0				
					M	0.79	301	17.51	33.03	33.03	8.27	8.27	96.1	96.1	7.53	7.53	7.53	3.8	3.9	6.1		6.1		
						0.25	281	17.51	33.02	33.03	8.29	8.29	96.5	96.3	7.57	7.55	7.55	4.3	4.7	8.2				
						0.96	312	17.51	33.03	33.03	8.28	8.29	96.1	96.3	7.53	7.55	7.55	5.1	4.7	7.9				

Remark: \* DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/02/04

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E3	Fine	Calm	13:10	17.4	S	0.19	286	17.51	17.51	33.01	33.01	8.09	8.09	96.0	96.0	7.53	7.53	7.9	8.0	10.8	13.6	13.8	17.7	
						0.11	202	17.50	17.51	33.01	33.01	8.09	8.09	96.0	96.0	7.53	7.53	8.0	8.0					
					M	1.06	206	17.48	17.49	33.01	33.01	8.10	8.10	95.4	95.5	7.48	7.49	10.9	10.1		7.51	17.0		16.9
						0.56	295	17.49	17.49	33.01	33.01	8.09	8.10	95.6	95.5	7.50	7.49	9.3	9.3					
					B	0.25	304	17.48	17.49	33.01	33.01	8.12	8.12	95.3	95.3	7.48	7.48	14.0	14.3		7.48	22.2		22.4
						0.49	327	17.49	17.49	33.01	33.01	8.11	8.12	95.2	95.3	7.47	7.48	14.6	14.3					
IM6	Fine	Calm	14:26	14.4	S	0.60	103	17.77	17.84	33.07	33.08	8.12	8.12	96.8	97.1	7.55	7.56	2.7	2.6	7.54	3.4	3.2		
						0.29	48	17.91	17.84	33.08	33.08	8.12	8.12	97.3	97.1	7.57	7.56	2.5	2.6					
					M	0.88	140	17.58	17.58	33.07	33.07	8.12	8.12	96.0	96.0	7.51	7.51	3.4	3.3		7.51		4.5	4.4
						0.55	203	17.58	17.58	33.07	33.07	8.12	8.12	96.0	96.0	7.51	7.51	3.2	3.3					
					B	0.31	344	17.57	17.57	33.07	33.07	8.13	8.13	96.0	95.9	7.52	7.51	3.5	3.4		7.51		5.2	5.4
						0.64	67	17.57	17.57	33.07	33.07	8.12	8.13	95.8	95.9	7.50	7.51	3.2	3.4					
IM7	Fine	Calm	13:59	13.3	S	0.25	82	17.52	17.52	32.92	32.92	8.12	8.12	97.1	97.2	7.62	7.62	2.3	2.3	7.61	3.2	3.1		
						0.40	297	17.52	17.52	32.92	32.92	8.12	8.12	97.2	97.2	7.62	7.62	2.2	2.3					
					M	0.80	347	17.35	17.35	32.91	32.91	8.12	8.12	96.4	96.4	7.59	7.59	3.0	3.0		7.58		3.8	3.8
						0.80	347	17.35	17.35	32.91	32.91	8.11	8.12	96.4	96.4	7.59	7.59	2.9	3.0					
					B	0.22	147	17.31	17.31	32.90	32.90	8.12	8.12	96.3	96.2	7.58	7.58	3.3	3.4		7.58		5.2	5.1
						0.43	110	17.31	17.31	32.90	32.90	8.12	8.12	96.1	96.2	7.57	7.58	3.4	3.4					
IM8	Fine	Calm	14:08	15.0	S	0.63	92	17.52	17.53	32.91	32.91	8.11	8.11	96.6	96.6	7.58	7.58	2.5	2.5	7.56	4.2	4.0		
						0.63	92	17.53	17.53	32.91	32.91	8.11	8.11	96.6	96.6	7.58	7.58	2.5	2.5					
					M	0.62	290	17.38	17.38	32.91	32.91	8.11	8.11	96.0	96.0	7.55	7.55	2.9	3.0		7.56		4.9	4.7
						0.46	159	17.38	17.38	32.91	32.91	8.11	8.11	95.9	96.0	7.54	7.55	3.0	3.0					
					B	0.36	259	17.37	17.37	32.91	32.91	8.12	8.12	96.5	96.3	7.59	7.58	3.2	3.1		7.58		5.6	5.8
						0.35	303	17.37	17.37	32.91	32.91	8.12	8.12	96.1	96.3	7.56	7.58	3.0	3.1					
IM9	Fine	Calm	13:38	15.9	S	0.62	310	17.34	17.34	32.91	32.91	8.11	8.11	96.5	96.6	7.60	7.60	4.1	4.1	7.58	7.3	7.5		
						0.31	209	17.34	17.34	32.91	32.91	8.11	8.11	96.6	96.6	7.60	7.60	4.0	4.1					
					M	0.33	209	17.28	17.29	32.91	32.91	8.10	8.10	95.9	95.9	7.56	7.56	5.7	5.7		7.58		9.2	9.4
						0.33	209	17.29	17.29	32.91	32.91	8.10	8.10	95.9	95.9	7.56	7.56	5.6	5.7					
					B	1.18	268	17.29	17.29	32.91	32.91	8.11	8.11	95.9	95.9	7.56	7.56	7.0	6.9		7.56		9.7	9.9
						1.18	268	17.29	17.29	32.91	32.91	8.11	8.11	95.8	95.9	7.55	7.56	6.8	6.9					

Remark: \* DA: Depth-Averaged

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

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



Water Quality Monitoring Data Log Sheet

Date: 2022/02/04

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
F3	Cloudy	Moderate	8:32	17.8	S	0.63	286	17.35	17.36	32.86	32.86	8.26	8.26	96.3	96.4	7.58	7.59	7.58	3.9	4.0	5.5	5.2	5.1	7.0		
						0.16	36	17.37		32.86		8.26		96.4		7.59			4.0			4.9				
					M	0.21	324	17.37	17.37	32.89	32.89	8.27	8.27	96.2	96.2	7.57	7.57	7.57	7.56	7.56		4.8	4.9		7.1	7.0
						0.25	331	17.37		32.89		8.26		96.1		7.56		5.0		6.9						
					B	0.84	279	17.38	17.38	32.86	32.86	8.28	8.28	96.2	96.1	7.57	7.57	7.56	7.56	7.56		8.1	7.8		9.2	9.0
						0.84	279	17.38		32.86		8.27		96.0		7.55		7.4		8.7						
IM6	Cloudy	Moderate	10:04	14.3	S	0.55	317	17.52	17.52	33.03	33.03	8.27	8.27	96.4	96.4	7.56	7.56	7.55	3.0	3.0	3.9	5.7	5.7	6.6		
						0.38	266	17.52		33.03		8.27		96.4		7.56			3.0			5.7				
					M	0.59	315	17.51	17.51	33.03	33.03	8.27	8.27	96.1	96.1	7.53	7.53	7.53	7.55	7.55		4.0	3.9		6.0	6.1
						0.79	301	17.51		33.03		8.27		96.1		7.53		3.8		6.1						
					B	0.25	281	17.51	17.51	33.02	33.03	8.29	8.29	96.5	96.3	7.57	7.57	7.55	7.55	7.55		4.3	4.7		8.2	8.1
						0.96	312	17.51		33.03		8.28		96.1		7.53		5.1		7.9						
IM7	Cloudy	Moderate	8:54	13.0	S	0.27	272	17.40	17.40	32.96	32.96	8.27	8.27	96.3	96.3	7.57	7.57	7.57	4.8	4.8	6.2	7.1	7.0	10.1		
						1.23	278	17.40		32.96		8.27		96.3		7.57			4.8			6.8				
					M	0.63	294	17.41	17.41	32.95	32.95	8.28	8.28	96.3	96.3	7.57	7.57	7.57	7.58	7.58		6.1	6.1		10.4	10.3
						0.58	248	17.41		32.95		8.28		96.2		7.56		6.1		10.1						
					B	0.76	27	17.40	17.40	32.95	32.95	8.30	8.30	96.6	96.5	7.59	7.59	7.58	7.58	7.58		7.2	7.8		13.3	13.1
						0.49	304	17.40		32.95		8.29		96.3		7.57		8.3		12.9						
IM8	Cloudy	Moderate	9:45	15.0	S	0.47	318	17.39	17.39	32.95	32.95	8.27	8.27	94.9	94.9	7.46	7.46	7.45	3.9	3.9	4.8	6.7	6.6	8.5		
						0.53	359	17.39		32.95		8.27		94.8		7.45			3.8			6.4				
					M	0.04	209	17.40	17.40	32.96	32.96	8.27	8.27	94.6	94.6	7.44	7.44	7.44	7.43	7.43		4.7	4.8		8.8	8.7
						0.50	323	17.40		32.95		8.27		94.5		7.43		4.9		8.5						
					B	0.28	71	17.42	17.42	32.97	32.97	8.29	8.29	94.6	94.6	7.43	7.43	7.43	7.43	7.43		5.7	5.8		10.6	10.4
						0.48	320	17.41		32.96		8.28		94.5		7.43		5.9		10.2						
IM9	Cloudy	Moderate	9:15	14.1	S	0.12	165	17.50	17.50	33.03	33.04	8.27	8.27	96.2	96.2	7.54	7.54	7.53	7.2	7.1	19.9	9.6	9.4	26.5		
						0.26	7	17.49		33.04		8.27		96.2		7.54			6.9			9.2				
					M	0.51	265	17.53	17.53	33.04	33.04	8.27	8.27	95.8	95.8	7.51	7.51	7.51	7.50	7.50		11.8	11.0		17.3	17.5
						0.31	347	17.52		33.04		8.27		95.8		7.51		10.2		17.7						
					B	0.16	299	17.53	17.53	33.04	33.04	8.27	8.27	95.7	95.6	7.50	7.50	7.50	7.50	7.50		41.6	41.7		52.3	52.7
						0.37	123	17.52		33.04		8.27		95.5		7.49		41.7		53.0						

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: 2022/02/04

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E6	Misty	Rough	9:53	6.6	S	0.37	341	16.9	16.90	31.68	31.69	8.26	8.26	91.8	91.8	7.34	7.34	7.36	7.5	7.5	8.3	3.5	3.1	2.9	
						0.39	342	16.9	16.90	31.69	31.69	8.26	8.26	91.8	91.8	7.34	7.34		7.5	7.5		2.7			
						0.45	4	16.9	16.90	31.74	31.74	8.27	8.28	92.1	92.2	7.37	7.38		8.2	8.3		2.9			
					M	0.43	6	16.9	16.90	31.74	31.74	8.28	8.28	92.2	92.2	7.38	7.38	8.3	8.3	3.1					
						0.41	3	16.9	16.90	31.73	31.73	8.31	8.31	93.6	93.8	7.49	7.51	9.1	9.1	2.2					
						0.44	4	16.9	16.90	31.73	31.73	8.31	8.31	94.0	93.8	7.52	7.51	9.1	9.1	2.9					
IM17	Misty	Rough	10:38	5.2	S	0.28	345	16.5	16.50	32.03	32.03	8.22	8.22	98.1	98.2	7.89	7.89	7.89	7.89	7.89	6.6	6.6	7.1	2.2	2.3
						0.25	345	16.5	16.50	32.03	32.03	8.22	8.22	98.2	98.2	7.89	7.89	6.6	6.6	2.4					
					B	0.29	345	16.5	16.50	32.04	32.04	8.23	8.23	98.9	99.0	7.96	7.97	7.6	7.6	2.2					
						0.30	349	16.5	16.50	32.04	32.04	8.23	8.23	99.1	99.0	7.97	7.97	7.7	7.6	2.5					
IM18	Misty	Rough	10:27	16.6	S	0.53	330	16.8	16.80	31.57	31.58	8.2	8.20	93.2	93.2	7.48	7.48	7.46	2.6	2.7	3.8	2.7	2.8		
						0.58	325	16.8	16.80	31.58	31.58	8.2	8.20	93.2	93.2	7.48	7.48		2.6	2.7		2.6			
						0.49	343	16.6	16.60	31.83	31.83	8.21	8.21	92.5	92.6	7.44	7.45		3.8	3.8		2.4			
					M	0.51	338	16.6	16.60	31.83	31.83	8.21	8.21	92.6	92.6	7.45	7.45	3.8	3.8	2.0					
						0.49	338	16.5	16.50	31.83	31.83	8.22	8.23	95.4	95.5	7.68	7.69	5.1	5.1	2.3					
						0.51	334	16.5	16.50	31.83	31.83	8.23	8.23	95.6	95.6	7.70	7.69	5.0	5.1	4.9					
IM19	Misty	Rough	10:15	18.0	S	0.45	334	16.9	16.90	32	32.00	8.22	8.22	93.1	93.1	7.43	7.43	7.56	5.3	5.3	6.4	3.8	2.7		
						0.44	335	16.9	16.90	32	32.00	8.22	8.22	93.1	93.1	7.43	7.43		5.3	5.3		3.0			
						0.44	349	16.8	16.80	31.97	31.97	8.24	8.24	95.9	96.1	7.67	7.68		6.9	6.9		2.2			
					M	0.40	346	16.8	16.80	31.97	31.97	8.24	8.24	96.2	96.2	7.69	7.69	6.9	6.9	2.6					
						0.44	324	16.8	16.80	31.96	31.96	8.26	8.26	98.5	98.8	7.88	7.90	7.0	7.0	2.4					
						0.47	318	16.8	16.80	31.96	31.96	8.26	8.26	99.0	98.8	7.92	7.90	7.0	7.0	2.4					

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: 2022/02/04

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
E5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F6	Misty	Rough	13:54	13	S	0.33	309	16.70	16.70	31.70	31.70	8.10	8.10	91.5	91.5	7.35	7.35	7.34	4.4	4.5	5.9	2.8	3.1	2.6			
						0.33	310	16.70	16.70	31.70	31.70	8.10	8.10	91.5	91.5	7.34	7.35	7.34	4.5	4.5	5.9	3.4	3.0				
					M	0.35	309	16.70	16.70	31.72	31.72	8.09	8.09	91.3	91.3	7.33	7.33	7.33	6.1	6.1	5.9	2.5	3.0				
						0.31	303	16.70	16.70	31.72	31.72	8.09	8.09	91.3	91.3	7.33	7.33	7.33	6.2	6.1	5.9	3.4	3.0				
					B	0.27	300	16.70	16.70	31.70	31.70	8.08	8.08	91.6	91.7	7.36	7.37	7.37	7.3	7.2	7.37	7.3	7.2		5.9	1.9	1.8
						0.3	300	16.70	16.70	31.70	31.70	8.08	8.08	91.8	91.7	7.37	7.37	7.37	7.2	7.2	7.37	7.2	7.2		5.9	1.6	1.8
IM17	Misty	Rough	15:08	4.8	S	0.09	144	16.60	16.60	31.40	31.41	8.17	8.17	95.3	95.5	7.68	7.69	7.69	3.0	3.0	3.7	2.8	2.9	2.7			
						0.1	137	16.60	16.60	31.41	31.41	8.17	8.17	95.6	95.6	7.70	7.69	7.69	3.1	3.0	3.7	2.9	2.9				
					B	0.13	176	16.60	16.60	31.46	31.46	8.17	8.17	100.9	101.1	8.13	8.15	8.15	4.5	4.5	8.15	4.5	4.5		3.1	2.6	
						0.16	180	16.60	16.60	31.46	31.46	8.17	8.17	101.3	101.1	8.16	8.15	8.15	4.4	4.4	8.15	4.4	4.4		2.1	2.6	
IM18	Misty	Rough	15:17	16.8	S	0.17	349	16.70	16.70	31.43	31.44	8.16	8.16	92.1	92.1	7.40	7.40	7.41	2.4	2.5	4.0	2.7	2.8	2.6			
						0.14	351	16.70	16.70	31.45	31.45	8.16	8.16	92.0	92.1	7.39	7.40	7.40	2.6	2.5		4.0	2.8		2.8		
					M	0.19	345	16.80	16.80	31.57	31.57	8.17	8.17	92.5	92.6	7.42	7.43	7.43	4.1	4.2			4.0		2.6	2.6	
						0.2	339	16.80	16.80	31.57	31.57	8.17	8.17	92.6	92.6	7.43	7.43	7.43	4.2	4.2		4.0			2.6	2.6	
					B	0.23	345	16.80	16.80	31.58	31.58	8.17	8.17	93.8	94.0	7.53	7.54	7.54	5.2	5.2			4.0		2.5	2.5	
						0.26	350	16.80	16.80	31.58	31.58	8.17	8.17	94.1	94.0	7.55	7.54	7.54	5.2	5.2		4.0			2.4	2.4	
IM19	Misty	Rough	16:35	18	S	0.27	164	16.90	16.90	31.28	31.29	8.17	8.17	96.2	96.3	7.71	7.72	7.76	1.8	1.8	2.3		2.5	2.4	2.7		
						0.27	157	16.90	16.90	31.30	31.30	8.17	8.17	96.3	96.3	7.73	7.72	7.72	1.8	1.8		2.3	2.2	2.4			
					M	0.31	155	16.90	16.90	31.35	31.35	8.17	8.17	97.1	97.2	7.79	7.80	7.80	2.2	2.1			2.3	3.1		2.9	
						0.29	150	16.90	16.90	31.35	31.35	8.17	8.17	97.3	97.2	7.81	7.80	7.80	2.1	2.1		2.3		2.6		2.9	
					B	0.26	176	16.80	16.85	31.36	31.36	8.18	8.18	99.1	99.7	7.95	7.99	7.99	3.0	3.0			2.3	3.2		2.8	
						0.21	179	16.90	16.85	31.34	31.35	8.18	8.18	100.2	99.7	8.03	7.99	7.99	3.1	3.0		2.3		2.4		2.8	

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; B: 1 m above the seabed

Sampling at Station E5 was not conducted during mid-flood tide and therefore the data are not presented.

Station E5 is a control station for flood tide under Group 7 and no Action / Limit level exceedances were recorded at the corresponding impact stations (i.e. IM17 - IM19)

and thus the collected data under Group 7 are considered representative to detect any deterioration of water quality and indirect impacts at water and ecological sensitive receivers.

Water Quality Monitoring Data Log Sheet

Date: 2022/02/07

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E6	Cloudy	Moderate	16:29	6.3	S	0.16	137	16.8	16.80	30.85	30.90	8.19	8.19	93.7	93.7	7.55	7.55	7.54	1.1	1.1	1.5	1.8	1.8	3.4	
						0.18	134	16.8	16.80	30.94	30.90	8.19	8.19	93.6	93.7	7.54	7.55	7.54	1.1	1.1		1.8			
					M	0.12	150	16.8	16.80	31.45	31.45	8.19	8.19	93.8	93.8	7.52	7.53	7.53	1.3	1.3		2.2	2.6		2.2
						0.12	145	16.8	16.80	31.45	31.45	8.19	8.19	93.8	93.8	7.53	7.53	7.53	1.3	1.3		3.0			
					B	0.16	117	16.8	16.80	31.45	31.45	8.2	8.20	94.9	95.0	7.61	7.62	7.62	2.2	2.2		5.4	5.9		5.4
						0.14	121	16.8	16.80	31.45	31.45	8.2	8.20	95.1	95.0	7.63	7.62	7.62	2.3	2.2		6.3			
IM17	Cloudy	Moderate	17:06	5.7	S	0.27	156	16.5	16.50	31.05	31.05	8.2	8.20	96.4	96.5	7.80	7.80	7.80	3.1	3.1	3.3	5.4	5.8	5.8	
						0.24	155	16.5	16.50	31.05	31.05	8.2	8.20	96.5	96.5	7.80	7.80	7.80	3.2	3.1		6.2			
					B	0.25	191	16.5	16.50	31.03	31.03	8.2	8.20	97.7	97.8	7.90	7.90	7.90	3.4	3.4		6.0	5.7		6.0
						0.21	194	16.5	16.50	31.03	31.03	8.2	8.20	97.8	97.8	7.90	7.90	7.90	3.5	3.4		5.4			
IM18	Cloudy	Moderate	16:55	16.4	S	0.18	166	16.7	16.70	31.34	31.36	8.19	8.19	93.8	93.8	7.54	7.54	7.50	0.9	0.9	2.5	1.8	1.6	2.2	
						0.19	170	16.7	16.70	31.37	31.36	8.19	8.19	93.7	93.7	7.53	7.54	7.50	1.0	0.9		1.3			
					M	0.19	170	16.8	16.80	31.76	31.76	8.19	8.19	93.2	93.2	7.46	7.46	7.46	1.5	1.5		1.6	2.0		1.6
						0.17	172	16.8	16.80	31.76	31.76	8.19	8.19	93.2	93.2	7.46	7.46	7.46	1.5	1.5		2.4			
					B	0.16	161	16.8	16.80	31.91	31.91	8.19	8.19	93.3	93.3	7.47	7.47	7.47	5.0	5.0		3.2	3.2		3.2
						0.15	159	16.8	16.80	31.91	31.91	8.19	8.19	93.3	93.3	7.47	7.47	7.47	5.0	5.0		3.1			
IM19	Cloudy	Moderate	16:10	18.2	S	0.08	359	16.9	16.90	32.04	32.04	8.19	8.19	93.6	93.6	7.47	7.47	7.46	1.9	1.9	2.7	4.7	4.4	4.8	
						0.11	355	16.9	16.90	32.04	32.04	8.19	8.19	93.6	93.6	7.47	7.47	7.46	1.9	1.9		4.0			
					M	0.10	347	16.9	16.90	32.04	32.04	8.19	8.19	93.4	93.4	7.44	7.45	7.45	2.0	2.0		5.0	4.6		5.0
						0.12	350	16.9	16.90	32.04	32.04	8.19	8.19	93.4	93.4	7.45	7.45	7.45	2.0	2.0		4.2			
					B	0.05	328	17	17.00	32.03	32.03	8.19	8.19	93.2	93.2	7.43	7.43	7.43	4.2	4.3		5.6	5.4		5.6
						0.02	321	17	17.00	32.03	32.03	8.19	8.19	93.2	93.2	7.43	7.43	7.43	4.3	4.3		5.1			

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/07

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F6	Cloudy	Moderate	11:43	14.2	S	0.56	323	16.60	16.60	31.80	31.80	8.20	8.20	95.1	95.1	7.63	7.63	7.63	7.63	2.6	2.7	7.63	4.6	4.9	5.1	
						0.53	317	16.60	16.60	31.80	31.80	8.20	8.20	95.1	95.1	7.63	7.63	7.63	7.63	2.8	2.7	7.63	5.2	4.8		
					M	0.52	313	16.60	16.60	31.79	31.79	8.20	8.20	95.0	95.0	7.63	7.63	7.63	7.63	3.1	3.2	7.63	4.2	4.8		
						0.57	306	16.60	16.60	31.79	31.79	8.20	8.20	95.0	95.0	7.63	7.63	7.63	7.63	3.4	3.2	7.63	5.4	4.8		
					B	0.58	332	16.60	16.60	31.77	31.77	8.22	8.22	95.4	95.5	7.66	7.67	7.67	7.67	3.2	3.4	7.67	5.3	5.7		
						0.61	333	16.60	16.60	31.77	31.77	8.22	8.22	95.5	95.5	7.67	7.67	7.67	7.67	3.5	3.4	7.67	6.0	5.7		
IM17	Cloudy	2	12:17	6.1	S	0.32	357	16.60	16.60	30.69	30.71	8.20	8.20	95.6	95.6	7.74	7.74	7.74	7.74	2.5	2.6	7.74	3.6	3.6		
						0.27	355	16.60	16.60	30.72	30.71	8.20	8.20	95.5	95.6	7.73	7.73	7.73	7.73	2.6	2.6	7.73	3.5	3.6		
					B	0.33	7	16.60	16.60	31.13	31.13	8.20	8.20	94.9	94.9	7.65	7.65	7.66	7.66	4.5	4.4	7.66	6.2	6.5		
						0.34	9	16.60	16.60	31.13	31.13	8.20	8.20	94.9	94.9	7.66	7.66	7.66	7.66	4.4	4.4	7.66	6.8	6.5		
						0.63	331	16.70	16.70	30.70	30.74	8.19	8.19	94.4	94.4	7.62	7.61	7.61	7.61	0.7	0.7	7.61	2.0	2.2		
IM18	Cloudy	Moderate	12:07	14.2	S	0.59	337	16.70	16.70	30.78	30.78	8.19	8.19	94.3	94.4	7.60	7.61	7.61	7.61	0.7	0.7	7.61	2.3	2.2		
						0.65	353	16.70	16.70	31.62	31.62	8.20	8.20	92.7	92.7	7.45	7.45	7.45	7.45	3.7	3.9	7.45	2.4	2.4		
					M	0.63	351	16.70	16.70	31.62	31.62	8.20	8.20	92.7	92.7	7.45	7.45	7.45	7.45	4.2	3.9	7.45	2.4	2.4		
						0.64	350	16.70	16.70	31.68	31.68	8.20	8.20	92.6	92.7	7.44	7.44	7.44	7.44	12.1	12.1	7.44	2.9	2.7		
IM19	Cloudy	Moderate	12:39	18	S	0.66	351	16.70	16.90	31.68	31.68	8.20	8.20	92.7	92.7	7.44	7.44	7.44	7.44	12.1	12.1	7.44	2.5	2.7		
						0.73	347	16.90	16.90	32.02	32.02	8.19	8.19	93.7	93.7	7.47	7.47	7.47	7.47	2.1	2.1	7.47	5.6	5.5		
					M	0.73	346	16.90	16.90	32.02	32.02	8.19	8.19	93.7	93.7	7.47	7.47	7.47	7.47	2.1	2.1	7.47	5.3	5.5		
						0.77	339	16.90	16.90	32.03	32.03	8.19	8.19	93.5	93.5	7.45	7.45	7.45	7.45	2.2	2.2	7.45	6.2	5.9		
						0.74	331	16.90	16.90	32.03	32.03	8.19	8.19	93.5	93.5	7.45	7.45	7.45	7.45	2.2	2.2	7.45	5.5	5.9		
						0.73	326	16.90	16.90	32.02	32.02	8.20	8.20	93.5	93.5	7.46	7.46	7.46	7.46	3.3	3.3	7.46	5.9	6.2		
0.69	328	16.90	16.90	32.02	32.02	8.20	8.20	93.5	93.5	7.46	7.46	7.46	7.46	3.4	3.3	7.46	6.5	6.2								

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; S: 1 m above the seabed

Sampling at Station E5 was not conducted during mid-flood tide and therefore the data are not presented.

Station E5 is a control station for flood tide under Group 7 and no Action / Limit level exceedances were recorded at the corresponding impact stations (i.e. IM17 - IM19)

and thus the collected data under Group 7 are considered representative to detect any deterioration of water quality and indirect impacts at water and ecological sensitive receivers.

Water Quality Monitoring Data Log Sheet

Date: 2022/02/09

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average
E2	Cloudy	Moderate	19:56	9.1	S	0.36	47	17.28	17.28	33.04	33.05	8.10	8.10	98.9	98.7	7.79	7.77	7.78	3.8	3.9	6.2	13.2	13.5	7.7	
						0.36	253	17.28	33.05	33.07	8.09	8.11	98.4	98.9	7.75	3.9									
						0.37	24	17.32	33.07	33.07	8.11	8.11	98.9	98.9	7.78	4.1									
					M	0.32	141	17.31	33.06	33.06	8.10	8.11	98.9	98.9	7.78	7.78	3.9	4.0	7.62	10.1	10.7	6.2	4.2	4.6	7.7
						0.47	56	17.45	33.18	33.21	8.13	8.13	97.4	97.2	7.64	10.1									
						0.25	331	17.48	33.23	33.21	8.13	8.13	97.0	97.2	7.60	11.3									
IM3	Cloudy	Moderate	20:46	15.1	S	0.49	52	18.23	18.24	33.48	33.48	8.18	8.18	100.0	100.0	7.71	7.71	7.71	1.6	1.7	3.5	1.8	1.9	5.0	
						0.49	52	18.24	33.48	33.48	8.18	8.18	100.0	100.0	7.71	1.7									
						0.87	63	18.04	33.44	33.44	8.18	8.18	99.7	99.7	7.72	1.7									
					M	0.87	63	18.09	33.44	33.44	8.18	8.18	99.7	99.7	7.71	7.72	1.5	1.6	7.69	7.1	7.4	3.5	2.6	2.8	5.0
						0.66	255	17.68	33.33	33.33	8.17	8.17	98.7	98.6	7.70	7.1									
						0.66	255	17.68	33.32	33.32	8.16	8.16	98.5	98.6	7.68	7.6									
IM4	Cloudy	Moderate	20:21	17.2	S	0.53	309	17.52	17.52	33.25	33.25	8.13	8.13	97.2	97.2	7.61	7.60	7.61	6.3	6.2	8.0	8.0	8.3	11.2	
						0.47	160	17.52	33.25	33.25	8.13	8.13	97.1	97.2	7.60	6.0									
						0.55	18	17.52	33.25	33.25	8.13	8.13	97.0	97.0	7.59	7.0									
					M	0.55	18	17.52	33.25	33.25	8.13	8.13	96.9	97.0	7.59	7.59	6.6	6.8	7.59	10.6	11.0	8.0	9.9	9.5	11.2
						0.49	42	17.53	33.25	33.25	8.14	8.14	97.0	97.0	7.59	10.6									
						0.53	258	17.53	33.25	33.25	8.14	8.14	96.9	97.0	7.58	11.3									
IM5	Cloudy	Moderate	19:34	15.7	S	0.38	89	18.54	18.54	33.57	33.57	8.17	8.17	99.1	99.1	7.59	7.60	7.60	1.9	1.9	2.1	3.0	2.6	3.7	
						0.47	92	18.54	33.57	33.57	8.17	8.17	99.1	99.1	7.59	1.9									
						0.41	24	18.24	33.46	33.46	8.16	8.16	98.6	98.7	7.60	2.0									
					M	0.44	133	18.26	33.46	33.46	8.16	8.16	98.7	98.7	7.61	7.61	2.0	2.0	7.70	2.6	2.5	2.1	4.5	4.2	3.7
						0.28	319	17.47	33.24	33.25	8.15	8.15	98.4	98.3	7.71	2.6									
						0.28	319	17.42	33.26	33.25	8.14	8.15	98.1	98.3	7.69	2.4									
IM6	Cloudy	Moderate	19:21	14.2	S	0.3	305	18.77	18.78	33.59	33.59	8.17	8.17	99.7	99.7	7.61	7.62	7.61	1.2	1.2	2.7	1.9	2.0	4.1	
						0.3	305	18.77	33.59	33.59	8.17	8.17	99.7	99.7	7.61	1.2									
						0.33	8	18.75	33.51	33.52	8.17	8.17	99.8	99.8	7.62	1.5									
					M	0.91	240	18.76	33.52	33.52	8.17	8.17	99.8	99.8	7.62	7.62	1.3	1.4	7.65	5.9	5.6	2.7	2.2	2.5	4.1
						0.72	169	18.35	33.44	33.45	8.17	8.17	99.5	99.4	7.66	1.3									
						0.72	169	18.37	33.46	33.45	8.16	8.17	99.3	99.4	7.64	5.2									

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/09

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F2	Cloudy	Moderate	10:04	19.2	S	0.44	327	19.00	18.99	33.63	33.63	8.17	8.17	98.6	98.6	7.49	7.49	7.48	0.8	0.8	1.2	4.3	4.2	5.2
						0.39	63	18.98	33.62	33.63	8.17	8.17	98.5	98.6	7.48	7.48	0.8	0.8						
						1.19	289	19.00	33.62	33.63	8.16	8.16	98.2	98.3	7.46	7.47	0.9	0.9						
					M	0.33	206	19.00	33.63	33.63	8.16	8.16	98.3	98.3	7.47	7.47	0.8	0.8	7.45	2.0	1.9	4.8	6.5	
						0.79	289	18.84	33.58	33.59	8.15	8.15	97.8	97.8	7.45	7.45	1.8	1.9		6.7				
						0.79	289	18.86	33.59	33.59	8.15	8.15	97.7	97.8	7.44	7.45	1.8	1.9		6.3				
F3	Cloudy	Moderate	10:42	18	S	0.25	221	18.46	18.47	33.54	33.55	8.19	8.19	98.1	98.1	7.53	7.53	7.52	1.6	1.6	4.3	3.7	3.6	6.7
						0.29	120	18.48	33.55	33.55	8.19	8.19	98.1	98.1	7.53	7.53	1.6	1.6						
						0.66	272	18.49	33.55	33.55	8.18	8.18	97.9	97.9	7.51	7.51	1.7	1.7						
					M	0.33	211	18.47	33.54	33.55	8.18	8.18	97.9	97.9	7.51	7.51	1.6	1.7	7.47	9.8	9.7	3.0	3.4	
						0.44	327	18.37	33.52	33.52	8.18	8.18	97.1	97.1	7.47	7.47	9.5	9.5		13.8				
						0.44	299	18.36	33.52	33.52	8.18	8.18	97.1	97.1	7.47	7.47	9.5	9.5		12.7				
IM3	Cloudy	Moderate	13:06	15.9	S	0.52	58	18.25	18.25	33.47	33.47	8.20	8.20	99.2	99.2	7.65	7.65	7.62	1.1	1.1	2.8	5.1	4.9	6.6
						0.34	180	18.25	33.47	33.47	8.20	8.20	99.2	99.2	7.65	7.65	1.1	1.1						
						0.34	149	18.15	33.45	33.45	8.20	8.20	98.3	98.3	7.59	7.59	1.4	1.5						
					M	0.34	149	18.16	33.44	33.45	8.20	8.20	98.3	98.3	7.59	7.59	1.4	1.5	7.62	6.1	5.7	5.5	5.4	
						0.63	116	17.41	33.26	33.26	8.17	8.17	97.2	97.2	7.62	7.62	5.2	5.7		9.5				
						0.37	111	17.41	33.26	33.26	8.17	8.17	97.1	97.2	7.62	7.62	5.2	5.7		9.3				
IM4	Cloudy	Moderate	12:45	17.2	S	0.66	241	17.41	17.42	33.15	33.15	8.15	8.15	99.1	99.2	7.78	7.79	7.70	2.0	2.1	4.9	5.0	5.2	7.3
						0.49	275	17.42	33.15	33.15	8.15	8.15	99.3	99.3	7.79	7.79	2.2	2.1						
						0.08	299	17.48	33.24	33.24	8.16	8.16	97.1	97.2	7.61	7.62	3.2	3.1						
					M	0.31	280	17.48	33.24	33.24	8.16	8.16	97.2	97.2	7.62	7.62	3.0	3.1	7.55	9.0	9.6	6.7	6.6	
						1.49	265	17.44	33.28	33.28	8.17	8.17	96.4	96.3	7.56	7.55	10.2	9.6		10.3				
						1.49	265	17.44	33.28	33.28	8.17	8.17	96.1	96.3	7.53	7.55	10.2	9.6		9.9				
IM5	Cloudy	Moderate	12:26	16.1	S	0.18	214	17.49	17.50	33.27	33.27	8.16	8.16	97.7	97.8	7.65	7.66	7.63	4.1	4.1	6.3	3.6	3.8	5.8
						0.70	262	17.50	33.27	33.27	8.16	8.16	97.8	97.8	7.66	7.66	4.1	4.1						
						0.78	183	17.44	33.27	33.27	8.16	8.16	96.9	96.9	7.60	7.60	4.9	4.9						
					M	0.26	263	17.45	33.27	33.27	8.16	8.16	96.9	96.9	7.59	7.59	4.9	4.9	7.57	10.5	9.8	4.6	4.6	
						0.41	238	17.41	33.26	33.26	8.17	8.17	96.5	96.5	7.57	7.57	9.0	9.8		8.8				
						0.48	14	17.41	33.26	33.26	8.17	8.17	96.4	96.5	7.56	7.57	9.0	9.8		9.0				
IM6	Cloudy	Moderate	10:56	14.4	S	0.38	27	17.84	17.81	33.37	33.36	8.18	8.18	98.2	98.2	7.64	7.64	7.63	2.5	2.5	5.4	5.7	5.7	6.6
						0.42	86	17.78	33.35	33.36	8.17	8.18	98.1	98.2	7.64	7.64	2.5	2.5						
						0.25	264	17.50	33.26	33.30	8.16	8.17	97.4	97.5	7.63	7.63	4.6	4.4						
					M	0.31	135	17.63	33.33	33.30	8.17	8.17	97.6	97.5	7.62	7.63	4.2	4.4	7.63	9.1	9.2	6.1	6.1	
						0.37	267	17.28	33.21	33.21	8.16	8.16	97.0	97.0	7.63	7.63	9.1	9.2		8.2				
						0.54	205	17.26	33.21	33.21	8.16	8.16	96.9	97.0	7.63	7.63	9.3	9.2		7.9				

Remark: \* DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/02/09

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E3	Cloudy	Moderate	17:56	17.4	S	0.20	128	17.50	17.51	33.31	33.31	8.11	8.11	98.9	98.9	7.74	7.74	7.74	2.5	2.4	2.5	4.6	4.4	4.0
						0.34	208	17.51	33.31	8.11		98.9		7.74		2.3			4.2					
					M	0.34	206	17.49	17.50	33.31	8.12	8.12	98.8	98.8	7.74	7.74	2.4	2.4	4.3					
						0.41	129	17.50	33.32	8.12	98.7		7.73		2.4		4.0							
					B	0.63	299	17.49	17.50	33.11	8.13	8.13	98.8	98.8	7.75	7.75	2.9	2.7	3.4					
						0.38	38	17.50	33.12	8.12	98.7		7.74		2.5		3.2							
IM6	Cloudy	Moderate	19:21	14.2	S	0.30	305	18.77	18.78	33.59	33.59	8.17	8.17	99.7	99.7	7.61	7.61	7.65	1.2	1.2	2.7	1.9	2.0	4.1
						0.30	305	18.78	33.59	8.17		99.7		7.61		2.1			2.2					
					M	0.33	8	18.75	18.76	33.51	8.17	8.17	99.8	99.8	7.62	7.62	1.5	1.4	2.8					
						0.91	240	18.76	33.52	8.17	99.8		7.62		1.3		2.2							
					B	0.72	169	18.35	18.36	33.44	8.16	8.16	99.5	99.4	7.66	7.66	5.9	5.6	7.6					
						0.72	169	18.37	33.46	8.16	99.3		7.64		5.2		8.0							
IM7	Cloudy	Moderate	18:43	13.3	S	0.09	258	17.40	17.40	33.25	33.25	8.13	8.13	98.7	98.7	7.74	7.74	7.75	3.1	3.0	4.5	5.2	5.0	6.1
						0.08	266	17.40	33.25	8.13		98.7		7.74		2.8			4.8					
					M	0.36	195	17.41	17.41	33.25	8.13	8.13	99.0	99.0	7.77	7.77	3.4	3.4	4.9					
						0.33	32	17.41	33.25	8.13	98.9		7.76		3.3		5.4							
					B	1.09	352	17.41	17.41	33.25	8.13	8.13	99.2	99.0	7.78	7.78	6.9	7.1	7.6					
						0.14	207	17.41	33.25	8.13	98.7		7.74		7.2		8.7							
IM8	Cloudy	Moderate	18:57	15.1	S	0.37	246	17.76	17.76	33.32	33.32	8.14	8.14	98.6	98.6	7.68	7.68	7.68	2.8	2.8	4.0	3.6	3.5	6.0
						0.40	295	17.76	33.32	8.14		98.6		7.68		2.8			3.4					
					M	0.90	111	17.75	17.75	33.32	8.14	8.14	98.6	98.6	7.68	7.68	3.4	3.4	4.8					
						0.22	153	17.74	33.32	8.14	98.6		7.68		3.3		5.6							
					B	0.30	115	17.45	17.48	33.25	8.14	8.14	99.1	98.8	7.77	7.77	6.1	6.0	9.2					
						0.20	278	17.51	33.28	8.14	98.5		7.71		5.8		9.5							
IM9	Cloudy	Moderate	18:22	15.4	S	0.35	84	17.64	17.64	33.36	33.36	8.13	8.13	99.3	99.3	7.75	7.75	7.74	2.7	2.7	2.9	5.3	4.9	6.0
						0.77	234	17.63	33.36	8.13		99.2		7.74		2.6			4.5					
					M	0.61	18	17.65	17.65	33.36	8.13	8.13	99.1	99.1	7.73	7.73	2.9	2.9	6.2					
						0.71	206	17.64	33.36	8.13	99.0		7.73		2.8		5.5							
					B	0.11	180	17.65	17.66	33.36	8.13	8.13	99.1	99.0	7.73	7.73	2.9	3.2	7.7					
						0.60	153	17.67	33.36	8.13	98.9		7.71		3.4		6.7							

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; B: 1 m above the seabed



Water Quality Monitoring Data Log Sheet

Date: 2022/02/09

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F3	Cloudy	Moderate	10:42	18.0	S	0.25	221	18.46	18.47	33.54	33.55	8.19	8.19	98.1	98.1	7.53	7.53	7.52	1.6	1.6	4.3	3.7	3.6	6.7
						0.29	120	18.48		33.55		8.19		98.1		7.53			1.6			3.4		
						0.66	272	18.49		33.55		8.18		97.9		7.51			1.7			3.0		
					M	0.33	211	18.47	33.54	8.18	97.9	7.51	1.6	3.8										
						0.44	327	18.37	33.52	8.18	97.1	7.47	9.8	13.8										
						0.44	299	18.36	33.52	8.18	97.1	7.47	9.5	12.7										
IM6	Cloudy	Moderate	10:56	14.4	S	0.38	27	17.84	17.81	33.37	33.36	8.18	8.18	98.2	98.2	7.64	7.64	7.63	2.5	2.5	5.4	3.9	4.0	9.7
						0.42	86	17.78		33.35		8.17		98.1		7.64			4.0					
						0.25	264	17.50		33.26		8.16		97.4		7.63			4.6			9.6		
					M	0.31	135	17.63	33.33	8.17	97.6	7.62	4.2	10.0										
						0.37	267	17.28	33.21	8.16	97.0	7.63	9.1	15.7										
						0.54	205	17.26	33.21	8.16	96.9	7.63	9.3	14.8										
IM7	Cloudy	Moderate	11:27	14.3	S	0.91	263	17.58	17.58	33.32	33.32	8.17	8.17	97.9	97.9	7.65	7.65	7.64	2.5	2.6	8.1	3.8	3.5	8.0
						0.91	263	17.58		33.32		8.17		97.9		7.65			2.7			3.2		
						1.15	297	17.59		33.32		8.17		97.6		7.63			2.8			3.4		
					M	0.55	74	17.58	33.32	8.17	97.6	7.63	2.7	3.7										
						0.56	273	17.63	33.34	8.18	96.8	7.56	19.5	17.2										
						0.73	322	17.63	33.34	8.18	96.5	7.53	18.1	16.5										
IM8	Cloudy	Moderate	11:15	15.1	S	0.79	290	17.39	17.39	33.25	33.25	8.17	8.17	97.4	97.4	7.64	7.64	7.62	4.5	4.5	7.8	6.0	5.7	11.9
						0.53	4	17.39		33.25		8.17		97.3		7.64			4.5			5.4		
						0.31	76	17.38		33.25		8.16		96.9		7.61			5.1			7.0		
					M	0.31	280	17.38	33.25	8.16	96.8	7.60	5.1	6.7										
						0.68	342	17.42	33.27	8.17	96.7	7.58	13.1	23.7										
						1.12	276	17.43	33.27	8.17	96.6	7.57	14.5	22.6										
IM9	Cloudy	Moderate	11:49	15.4	S	1.10	279	17.36	17.36	33.26	33.26	8.17	8.17	97.8	97.9	7.68	7.69	7.65	2.7	2.6	4.2	3.5	3.9	5.7
						0.63	310	17.36		33.26		8.17		97.9		7.69			2.4			4.2		
						0.65	279	17.50		33.31		8.18		97.2		7.61			4.2			5.5		
					M	0.65	279	17.53	33.32	8.18	97.2	7.60	4.2	6.4										
						0.32	311	17.55	33.33	8.18	97.1	7.59	5.8	6.7										
						0.30	214	17.55	33.33	8.18	97.0	7.59	5.7	7.8										

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: 2022/02/09

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E6	Misty	Rough	20:17	6.2	S	0.71	147	16.7	16.70	32.05	32.05	8.21	8.21	94.8	94.8	7.59	7.59	7.59	1.0	1.0	1.9	5.8	3.7	3.5
						0.72	146	16.7	16.70	32.05	32.05	8.21	8.21	94.8	94.8	7.59	7.59	7.59	1.0	1.0		1.6		
						0.65	145	16.7	16.70	32.04	32.04	8.21	8.21	94.7	94.8	7.59	7.59	7.59	1.9	1.9		2.1		
					M	0.66	151	16.7	16.70	32.04	32.04	8.21	8.21	94.8	94.8	7.59	7.59	7.59	1.8	1.9		1.7		
						0.71	129	16.7	16.70	32.05	32.05	8.21	8.21	94.9	94.9	7.60	7.60	7.60	3.0	2.9		5.0		
						0.75	133	16.7	16.70	32.05	32.05	8.21	8.21	94.9	94.9	7.60	7.60	7.60	2.9	2.9		4.6		
IM17	Misty	Rough	19:36	5.8	S	0.26	177	16.6	16.60	31.88	31.89	8.2	8.20	98.3	98.5	7.9	7.92	7.92	1.1	1.1	1.6	1.6	3.3	3.3
						0.21	173	16.6	16.60	31.89	31.89	8.2	8.20	98.7	98.5	7.9	7.92	7.92	1.1	1.1		5.0		
					B	0.31	185	16.6	16.60	31.96	31.96	8.2	8.20	100.9	101.2	8.10	8.10	8.10	2.1	2.1		4.2		
						0.36	185	16.6	16.60	31.96	31.96	8.2	8.20	101.4	101.2	8.10	8.10	8.10	2.1	2.1		2.5		
IM18	Misty	Rough	19:46	14.2	S	0.48	176	16.7	16.70	32.09	32.10	8.21	8.22	93.1	93.1	7.45	7.45	7.43	1.1	1.1	1.6	3.8	3.7	4.0
						0.47	180	16.7	16.70	32.11	32.11	8.23	8.23	93.0	93.0	7.44	7.44	7.43	1.1	1.1		3.5		
					M	0.53	157	16.8	16.80	32.27	32.28	8.23	8.23	92.9	93.0	7.41	7.42	7.42	1.7	1.7		4.2		
						0.57	163	16.8	16.80	32.28	32.28	8.23	8.23	93.0	93.0	7.42	7.42	7.42	1.7	1.7		3.8		
					B	0.49	156	16.9	16.90	32.32	32.32	8.22	8.22	94.0	94.3	7.49	7.52	7.52	2.0	1.9		4.2		
						0.44	162	16.9	16.90	32.32	32.32	8.22	8.22	94.5	94.3	7.54	7.52	7.52	1.9	1.9		4.2		
IM19	Misty	Rough	19:58	18.0	S	0.65	171	16.8	16.80	32.18	32.19	8.2	8.20	95.2	95.3	7.60	7.61	7.74	1.0	1.0	1.6	4.4	4.8	3.9
						0.62	172	16.8	16.80	32.19	32.19	8.2	8.20	95.3	95.3	7.61	7.61	7.74	1.1	1.0		5.2		
					M	0.57	156	16.8	16.80	32.26	32.26	8.23	8.23	98.3	98.5	7.85	7.87	7.87	1.9	1.9		3.5		
						0.55	154	16.8	16.80	32.26	32.26	8.23	8.23	98.7	98.5	7.88	7.87	7.87	1.9	1.9		3.9		
					B	0.59	154	16.8	16.80	32.25	32.26	8.23	8.22	100.0	100.4	7.98	8.02	8.02	2.0	2.0		2.9		
						0.63	147	16.8	16.80	32.26	32.26	8.21	8.22	100.8	100.4	8.05	8.02	8.02	2.0	2.0		3.6		

Remark: \* DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/02/09

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E5	Misty	Rough	13:05	6.8	S	0.25	353	16.70	16.70	31.99	31.99	8.23	8.23	99.8	99.9	8.00	8.01	8.05	1.0	1.0	1.8	3.6	3.8	4.0
						0.27	348	16.70	31.99	31.99	8.23	8.23	100.0	100.0	8.02	8.09	8.05	1.1	1.0	3.9				
						0.28	343	16.70	31.99	31.99	8.23	8.23	100.8	100.9	8.08	8.09	8.05	1.5	1.5	4.1				
					M	0.27	345	16.70	31.99	31.99	8.23	8.23	101.0	101.0	8.10	8.18	8.18	1.5	1.5	3.5		3.8		
						0.27	335	16.70	31.94	31.95	8.24	8.24	102.0	102.1	8.18	8.18	8.18	2.8	2.8	4.6				
						0.22	327	16.70	31.95	31.95	8.24	8.24	102.1	102.1	8.18	8.18	8.18	2.8	2.8	4.0				
F6	Misty	Rough	12:57	11	S	0.44	306	16.50	16.50	31.90	31.91	8.16	8.16	95.7	95.7	7.71	7.71	7.65	1.1	1.1	1.4	3.0	3.3	3.3
						0.40	302	16.50	31.91	31.91	8.16	8.16	95.6	95.7	7.70	7.71	7.65	1.1	1.1	3.5				
						0.43	289	16.60	32.04	32.05	8.15	8.15	94.5	94.5	7.59	7.59	7.65	1.3	1.3	1.6				
					M	0.40	288	16.60	32.05	32.05	8.15	8.15	94.5	94.5	7.59	7.59	7.65	1.3	1.3	5.0		3.3		
						0.46	329	16.60	32.11	32.11	8.15	8.15	94.0	94.0	7.54	7.54	7.65	1.7	1.8	4.2				
						0.43	335	16.60	32.11	32.11	8.15	8.15	94.0	94.0	7.54	7.54	7.65	1.8	1.8	2.5				
IM17	Misty	Rough	12:38	5.6	S	0.22	353	16.50	16.50	32.69	32.69	8.31	8.31	99.6	99.7	7.98	7.99	7.99	1.3	1.3	2.0	3.5	3.5	4.4
						0.19	345	16.50	32.69	32.69	8.31	8.31	99.8	99.7	8.00	7.99	7.99	1.3	1.3	3.4				
						0.20	355	16.50	32.69	32.69	8.32	8.32	100.1	100.2	8.02	8.03	8.03	2.7	2.6	5.2				
					B	0.21	348	16.50	32.69	32.69	8.32	8.32	100.3	100.3	8.04	8.03	8.03	2.6	2.6	5.3		5.3		
						0.22	353	16.50	32.69	32.69	8.31	8.31	99.6	99.7	7.98	7.99	7.99	1.3	1.3	2.5				
						0.19	345	16.50	32.69	32.69	8.31	8.31	99.8	99.7	8.00	7.99	7.99	1.3	1.3	3.4				
IM18	Misty	Rough	11:10	16.4	S	0.32	339	16.60	16.60	31.96	31.96	8.25	8.25	97.7	97.7	7.84	7.85	7.85	1.0	1.0	1.6	2.5	2.7	2.8
						0.29	344	16.60	31.96	31.96	8.25	8.25	97.7	97.7	7.85	7.85	7.85	1.1	1.0	2.8				
						0.34	329	16.60	31.96	31.96	8.25	8.25	97.9	97.9	7.86	7.86	7.85	1.6	1.6	2.3				
					M	0.38	325	16.60	31.96	31.96	8.25	8.25	97.9	97.9	7.86	7.86	7.85	1.6	1.6	3.0		2.7		
						0.31	339	16.60	31.96	31.96	8.26	8.26	98.4	98.5	7.90	7.91	7.91	2.1	2.1	3.4				
						0.35	334	16.60	31.94	31.95	8.26	8.26	98.5	98.5	7.91	7.91	7.91	2.2	2.1	2.6				
IM19	Misty	Rough	11:01	18.2	S	0.27	336	16.60	16.60	31.92	31.92	8.27	8.27	99.9	100.0	8.03	8.04	8.07	2.6	2.5	3.5	4.3	4.0	3.4
						0.24	334	16.60	31.92	31.92	8.27	8.27	100.1	100.1	8.04	8.04	8.07	2.5	2.5	3.6				
						0.27	349	16.60	31.91	31.91	8.28	8.29	100.6	100.7	8.09	8.10	8.10	3.7	3.8	3.7				
					M	0.29	341	16.60	31.91	31.91	8.29	8.29	100.8	100.8	8.10	8.10	8.10	3.8	3.8	3.4		3.6		
						0.23	358	16.60	31.91	31.91	8.29	8.30	101.3	101.5	8.14	8.16	8.16	4.1	4.1	2.7				
						0.28	354	16.60	31.91	31.91	8.30	8.30	101.6	101.6	8.17	8.17	8.16	4.2	4.1	2.6				

Remark: \* DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/02/11

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
E6	Fine	Moderate	20:49	7.1	S	0.47	159	16.80	16.80	27.92	27.91	8.23	8.23	99.0	99.0	8.12	8.12	7.75	1.0	1.0	1.1	2.8	2.7	3.0			
						0.51	156	16.80	16.80	27.90	27.91	8.23	8.23	99.0	99.0	8.11	8.12	7.39	7.39	1.1		1.0			2.6		
					M	0.50	157	16.80	16.80	32.19	32.19	8.22	8.22	92.5	92.5	7.39	7.39	7.39	7.39	7.37		7.37			1.2	1.2	2.6
						0.51	159	16.80	16.80	32.18	32.19	8.22	8.22	92.4	92.3	7.37	7.37	7.37	7.37	7.37		7.37			1.2	1.0	3.2
					B	0.49	151	16.80	16.80	32.29	32.29	8.22	8.22	92.2	92.3	7.37	7.37	7.37	7.37	7.37		7.37			1.0	1.0	3.7
						0.46	148	16.80	16.80	32.29	32.29	8.22	8.22	92.3	92.3	7.37	7.37	7.37	7.37	7.37		7.37			1.0	1.0	3.1
IM17	Fine	Calm	21:27	4.3	S	0.38	154	16.70	16.70	30.50	30.53	8.23	8.23	99.7	99.7	8.05	8.05	8.05	2.5	2.5	2.5	2.5	2.2	1.9			
						0.40	147	16.70	16.70	30.55	30.53	8.23	8.23	99.7	99.7	8.05	8.05	8.05	8.05	2.5		2.5			1.8		
					B	0.33	177	16.60	16.60	31.60	31.60	8.24	8.24	98.6	98.6	7.95	7.95	7.95	7.95	7.95		2.4			2.4	2.0	
						0.35	175	16.60	16.60	31.59	31.60	8.24	8.24	98.6	98.6	7.94	7.95	7.95	7.95	7.95		2.4			2.4	1.4	
					S	0.51	150	16.70	16.75	29.48	29.47	8.23	8.23	98.6	98.6	7.93	7.93	7.93	7.93	7.68		1.3			1.3	2.9	
						0.51	142	16.80	16.75	29.46	29.47	8.23	8.23	98.6	98.6	7.93	7.93	7.93	7.93	7.68		1.3			1.3	2.2	
M	0.51	149	16.70	16.70	32.45	32.45	8.22	8.22	93.0	93.0	7.43	7.43	7.43	7.43	7.43	7.43	1.1	1.1	2.4								
	0.54	155	16.70	16.70	32.45	32.45	8.22	8.22	92.9	93.0	7.43	7.43	7.43	7.43	7.43	7.43	1.1	1.1	2.2								
B	0.55	166	16.70	16.70	32.52	32.52	8.22	8.22	91.9	92.0	7.34	7.34	7.34	7.34	7.34	7.34	1.0	1.0	1.5								
	0.59	159	16.70	16.70	32.52	32.52	8.22	8.22	92.0	92.0	7.34	7.34	7.34	7.34	7.34	7.34	1.0	1.0	2.1								
IM18	Fine	Calm	21:18	17.5	S	0.56	176	17.00	17.00	30.69	30.68	8.24	8.24	99.7	99.7	8.10	8.10	7.83	1.1	1.2	1.2	1.6	1.7	2.2			
						0.61	174	17.00	17.00	30.66	30.68	8.24	8.24	99.6	99.7	8.10	8.10	7.83	1.2	1.2		1.7					
					M	0.49	170	16.70	16.70	32.22	32.22	8.24	8.24	94.5	94.5	7.56	7.56	7.56	7.56	7.56		2.3			2.3	2.3	
						0.53	172	16.70	16.70	32.22	32.22	8.24	8.24	94.5	94.5	7.56	7.56	7.56	7.56	7.56		2.3			2.3	2.6	
					B	0.50	150	16.80	16.80	32.39	32.39	8.24	8.24	93.5	93.5	7.46	7.46	7.46	7.46	7.46		7.46			3.4	3.4	2.1
						0.51	144	16.80	16.80	32.39	32.39	8.24	8.24	93.5	93.5	7.46	7.46	7.46	7.46	7.46		7.46			3.4	3.4	2.7
IM19	Fine	Moderate	21:07	18.6	S	0.56	176	17.00	17.00	30.69	30.68	8.24	8.24	99.7	99.7	8.10	8.10	7.83	1.1	1.2	1.2	1.6	1.7	2.2			
						0.61	174	17.00	17.00	30.66	30.68	8.24	8.24	99.6	99.7	8.10	8.10	7.83	1.2	1.2		1.7					
					M	0.49	170	16.70	16.70	32.22	32.22	8.24	8.24	94.5	94.5	7.56	7.56	7.56	7.56	7.56		2.3			2.3	2.3	
						0.53	172	16.70	16.70	32.22	32.22	8.24	8.24	94.5	94.5	7.56	7.56	7.56	7.56	7.56		2.3			2.3	2.6	
					B	0.50	150	16.80	16.80	32.39	32.39	8.24	8.24	93.5	93.5	7.46	7.46	7.46	7.46	7.46		7.46			3.4	3.4	2.1
						0.51	144	16.80	16.80	32.39	32.39	8.24	8.24	93.5	93.5	7.46	7.46	7.46	7.46	7.46		7.46			3.4	3.4	2.7

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/11

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E5	Sunny	Calm	10:13	6.9	S	0.09	182	16.50	16.50	31.61	31.61	8.25	8.25	98.0	98.0	7.91	7.91	7.88	1.1	1.1	1.6	1.9	2.1	2.6		
						0.13	176	16.50	16.50	31.61	31.61	8.25	8.25	98.0	98.0	7.91	7.91	7.84	7.84	7.82		1.1	1.1		2.2	2.6
					M	0.10	185	16.50	16.50	32.30	32.30	8.26	8.26	97.6	97.6	7.84	7.84	7.84	7.84	7.82		1.1	1.1		2.4	2.8
						0.05	184	16.50	16.50	32.30	32.30	8.26	8.26	97.6	97.6	7.84	7.84	7.82	7.82	7.82		1.1	1.1		3.2	2.8
					B	0.10	180	16.40	16.40	32.36	32.36	8.26	8.26	97.3	97.3	7.82	7.82	7.82	7.82	7.82		2.7	2.8		2.5	3.0
						0.12	183	16.40	16.40	32.36	32.36	8.26	8.26	97.3	97.3	7.82	7.82	7.82	7.82	7.82		2.8	2.8		3.4	3.0
F6	Sunny	Calm	9:35	12.5	S	0.04	266	16.50	16.50	32.29	32.29	8.21	8.21	96.4	96.4	7.74	7.74	7.69	1.8	1.8	3.8	2.3	2.6	2.9		
						0.08	261	16.50	16.50	32.29	32.29	8.21	8.21	96.4	96.4	7.74	7.74	7.64	7.64	7.62		1.8	1.8		2.9	2.6
					M	0.02	296	16.50	16.50	32.36	32.36	8.21	8.21	95.1	95.1	7.64	7.64	7.64	7.64	7.62		2.7	2.8		3.1	3.1
						0.02	299	16.50	16.50	32.36	32.36	8.21	8.21	95.1	95.1	7.63	7.63	7.62	7.62	7.62		2.8	2.8		3.0	3.1
					B	0.08	279	16.50	16.50	32.46	32.46	8.21	8.22	94.9	95.0	7.62	7.62	7.62	7.62	7.62		6.8	6.8		3.2	3.1
						0.03	272	16.50	16.50	32.46	32.46	8.22	8.22	95.0	95.0	7.62	7.62	7.62	7.62	7.62		6.7	6.7		3.0	3.1
IM17	Sunny	Moderate	10:44	5.2	S	0.11	213	16.60	16.60	30.17	30.20	8.22	8.22	98.7	98.7	8.01	8.01	8.01	1.3	1.3	1.6	2.5	2.2	1.9		
						0.12	220	16.60	16.60	30.22	30.20	8.22	8.22	98.6	98.7	8.01	8.01	8.01	1.3	1.3		1.8	2.2			
					B	0.17	198	16.50	16.50	31.52	31.52	8.23	8.23	97.9	97.9	7.89	7.90	7.90	1.8	1.8		2.0	1.7			
						0.15	190	16.50	16.50	31.52	31.52	8.23	8.23	97.9	97.9	7.89	7.90	7.90	1.8	1.8		1.4	1.7			
					S	0.12	353	16.70	16.70	30.13	30.13	8.22	8.22	98.2	98.2	7.96	7.96	7.96	7.96	7.96		1.3	1.3		1.4	1.6
						0.10	346	16.70	16.70	30.13	30.13	8.22	8.22	98.2	98.2	7.96	7.96	7.96	7.96	7.96		1.3	1.3		1.8	1.6
IM18	Sunny	Moderate	10:52	16.2	S	0.12	353	16.70	16.70	30.13	30.13	8.22	8.22	98.2	98.2	7.96	7.96	7.71	1.3	1.3	1.7	1.4	1.6	2.2		
						0.10	346	16.70	16.70	30.13	30.13	8.22	8.22	98.2	98.2	7.96	7.96	7.71	1.3	1.3		1.4	1.6			
					M	0.18	331	16.70	16.70	32.40	32.40	8.22	8.22	93.2	93.2	7.45	7.45	7.45	1.3	1.3		1.9	2.2			
						0.18	329	16.70	16.70	32.40	32.40	8.21	8.21	93.2	93.2	7.45	7.45	7.45	1.3	1.3		2.4	2.2			
					B	0.13	344	16.70	16.70	32.50	32.50	8.21	8.21	92.4	92.4	7.38	7.38	7.38	2.6	2.6		3.2	2.8			
						0.09	337	16.70	16.70	32.50	32.50	8.21	8.21	92.4	92.4	7.38	7.38	7.38	2.6	2.6		2.4	2.8			
IM19	Sunny	Moderate	11:08	17.2	S	0.17	336	16.80	16.80	30.64	30.64	8.21	8.21	98.3	98.3	7.92	7.92	7.70	1.3	1.3	1.8	1.9	2.3	2.1		
						0.15	329	16.80	16.80	30.64	30.64	8.21	8.21	98.3	98.3	7.92	7.92	7.70	1.3	1.3		2.7	2.3			
					M	0.12	344	16.70	16.70	32.28	32.28	8.21	8.21	93.5	93.5	7.48	7.48	7.48	1.4	1.4		1.9	2.1			
						0.14	351	16.70	16.70	32.28	32.28	8.21	8.21	93.5	93.5	7.48	7.48	7.48	1.4	1.4		2.3	2.1			
					B	0.10	358	16.80	16.80	32.54	32.54	8.22	8.22	93.0	93.1	7.42	7.43	7.43	2.7	2.8		1.7	1.9			
						0.07	354	16.80	16.80	32.54	32.54	8.22	8.22	93.1	93.1	7.43	7.43	7.43	2.8	2.8		2.1	1.9			

Remark: \* DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/02/14

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E2	Cloudy	Calm	23:31	9.6	S	0.75	279	17.70	17.70	32.96	32.96	8.20	8.20	103.5	103.5	8.09	8.09	8.08	1.1	1.1	1.3	2.8	2.7	3.9
						0.75	279	17.70	17.70	32.96	32.96	8.20	8.20	103.5	103.5	8.09	8.09	8.08	1.0	1.1		2.6		
						0.5	34	17.71	17.73	32.97	32.99	8.20	8.20	103.3	103.4	8.07	8.07	8.07	1.2	1.3		3.7		
					0.48	53	17.74	17.73	33.00	33.00	8.20	8.20	103.4	103.4	8.07	8.07	8.07	1.3	1.3	3.2				
					M	0.05	180	17.81	17.81	33.02	33.02	8.20	8.20	103.3	103.3	8.05	8.05	8.05	1.4	1.5		5.4		
						0.26	232	17.81	17.81	33.02	33.02	8.20	8.20	103.2	103.3	8.05	8.05	8.05	1.5	1.5		5.5		
0.59	180	17.77	17.78	33.07		33.08	8.19	8.19	100.9	101.0	7.87	7.88	7.87	4.1	4.1	7.8								
IM3	Cloudy	Calm	0:22	15	S	0.59	180	17.77	17.78	33.07	33.08	8.19	8.19	101.0	101.0	7.87	7.88	7.87	4.1	4.1	6.8	7.4	10.8	11.6
						0.59	180	17.78	17.78	33.08	33.08	8.19	8.19	101.0	101.0	7.88	7.88	7.88	4.0	4.1		7.4		
						0.52	237	17.77	17.77	33.07	33.07	8.19	8.19	100.8	100.8	7.86	7.86	7.86	6.1	5.7		11.0		
					M	0.66	75	17.77	17.77	33.07	33.07	8.19	8.19	100.8	100.8	7.86	7.86	7.86	5.2	5.7		10.5		
						0.34	310	17.74	17.74	33.07	33.07	8.19	8.19	100.5	100.5	7.84	7.84	7.84	10.6	10.7		16.4		
						0.23	330	17.74	17.74	33.07	33.07	8.19	8.19	100.5	100.5	7.84	7.84	7.84	10.8	10.7		16.7		
IM4	Cloudy	Calm	0:00	17	S	0.65	64	17.77	17.77	33.00	33.00	8.20	8.20	102.3	102.3	7.98	7.98	7.97	1.3	1.3	2.5	2.9	3.9	4.8
						0.54	113	17.77	17.77	33.00	33.00	8.20	8.20	102.3	102.3	7.98	7.98	7.97	1.2	1.3		2.9		
						0.71	37	17.81	17.80	33.03	33.02	8.20	8.20	102.0	102.0	7.95	7.96	7.96	1.9	1.8		3.9		
					M	0.96	91	17.78	17.80	33.00	33.00	8.20	8.20	102.0	102.0	7.96	7.96	7.96	1.7	1.8		3.8		
						0.56	49	17.83	17.83	33.07	33.07	8.20	8.20	102.1	102.1	7.95	7.95	7.95	4.8	4.6		7.6		
						0.57	314	17.83	17.83	33.07	33.07	8.20	8.20	102.0	102.1	7.95	7.95	7.95	4.3	4.6		7.7		
IM5	Cloudy	Calm	23:09	16	S	0.67	142	17.27	17.27	32.87	32.87	8.18	8.18	100.1	100.2	7.89	7.90	7.88	2.0	2.0	5.9	4.3	4.4	9.0
						1.03	124	17.27	17.26	32.87	32.87	8.18	8.18	100.2	100.2	7.90	7.90	7.87	2.0	2.6		4.1		
						0.51	192	17.26	17.26	32.87	32.87	8.18	8.18	99.8	99.8	7.87	7.87	7.87	2.6	2.6		4.4		
					M	0.71	209	17.26	17.26	32.87	32.87	8.18	8.18	99.8	99.8	7.87	7.87	7.87	2.5	2.6		4.4		
						0.62	187	17.15	17.16	32.88	32.88	8.19	8.19	99.1	99.1	7.83	7.83	7.83	13.7	13.1		18.7		
						0.62	187	17.16	17.16	32.88	32.88	8.18	8.19	99.0	99.1	7.82	7.83	7.83	12.4	13.1		18.0		
IM6	Cloudy	Calm	22:55	17	S	0.57	139	17.17	17.17	32.86	32.86	8.17	8.17	100.1	100.1	7.91	7.91	7.89	0.9	0.9	2.1	2.7	3.2	4.1
						0.57	139	17.17	17.17	32.86	32.86	8.17	8.17	100.1	100.1	7.91	7.91	7.89	0.8	0.9		2.4		
						0.37	113	17.17	17.17	32.87	32.87	8.17	8.17	99.6	99.7	7.87	7.88	7.88	1.2	1.2		3.1		
					M	0.64	98	17.17	17.17	32.87	32.87	8.17	8.17	99.7	99.7	7.88	7.88	7.88	1.2	1.2		3.3		
						0.26	177	17.08	17.08	32.88	32.88	8.17	8.17	98.0	98.0	7.75	7.75	7.75	4.6	4.3		6.4		
						0.26	177	17.08	17.08	32.87	32.87	8.17	8.17	97.9	98.0	7.75	7.75	7.75	4.0	4.3		6.4		

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: 2022/02/14

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F2	Cloudy	Calm	10:07	20	S	1.19	282	17.13	17.13	32.92	32.92	8.17	8.17	99.0	99.1	7.82	7.83	7.81	0.8	0.8	1.3	5.8	5.9	4.5
						0.42	299	17.13	32.92	32.92	8.16	8.17	99.1	99.1	7.83	7.83	7.81	0.7	0.8	5.9				
						0.81	125	17.12	32.92	32.92	8.17	8.17	98.6	98.7	7.79	7.80	7.80	1.1	1.2	4.2				
					0.38	297	17.12	32.92	32.92	8.17	8.17	98.7	98.7	7.80	7.80	7.80	1.2	1.2	4.1					
					0.83	254	17.11	32.91	32.91	8.20	8.19	98.1	98.1	7.76	7.76	7.76	2.1	2.0	3.8					
					0.83	254	17.11	32.91	32.91	8.18	8.19	98.0	98.1	7.75	7.76	7.76	1.8	2.0	3.4					
F3	Cloudy	Calm	10:43	18	S	0.30	306	17.00	17.00	32.85	32.86	8.16	8.16	99.1	99.1	7.85	7.85	7.84	0.9	1.0	1.2	3.2	3.0	3.4
						0.03	308	16.99	32.86	32.86	8.16	8.16	99.0	99.1	7.85	7.85	7.84	1.0	1.0	2.8				
						0.06	66	16.94	32.85	32.85	8.16	8.16	98.6	98.6	7.82	7.82	7.84	1.1	1.1	3.4				
					0.41	127	16.95	32.85	32.85	8.16	8.16	98.6	98.6	7.82	7.82	7.84	1.0	1.1	3.4					
					0.51	275	16.94	32.84	32.84	8.17	8.17	98.6	98.5	7.82	7.82	7.81	1.6	1.5	3.7					
					0.19	276	16.94	32.84	32.84	8.16	8.17	98.3	98.3	7.80	7.80	7.81	1.4	1.5	3.7					
IM3	Cloudy	Calm	13:04	15	S	0.43	40	17.86	17.95	33.11	33.13	8.16	8.16	102.6	102.5	7.99	7.97	7.95	1.8	1.8	2.0	2.4	2.3	4.6
						0.43	40	18.04	33.15	33.13	8.15	8.16	102.4	102.5	7.94	7.94	7.95	1.8	1.8	2.2				
						1.20	29	17.68	33.09	33.10	8.17	8.17	101.5	101.7	7.93	7.94	7.94	1.7	1.7	4.9				
					0.14	283	17.74	33.10	33.10	8.17	8.17	101.8	101.8	7.94	7.94	7.94	1.6	1.7	4.5					
					0.33	338	17.62	33.07	33.07	8.17	8.17	100.5	100.6	7.86	7.87	7.87	2.8	2.6	7.0					
					0.24	258	17.63	33.07	33.07	8.17	8.17	100.6	100.6	7.87	7.87	7.87	2.4	2.6	6.6					
IM4	Cloudy	Calm	12:42	17	S	0.87	121	18.10	18.12	33.07	33.07	8.16	8.16	103.7	103.8	8.04	8.04	8.02	1.4	1.4	1.6	2.4	2.7	4.5
						1.07	49	18.13	33.07	33.07	8.16	8.16	103.8	103.8	8.04	8.04	8.02	1.4	1.4	2.9				
						0.61	154	17.88	33.07	33.09	8.16	8.16	102.9	102.9	8.01	8.01	8.01	1.6	1.6	4.6				
					0.26	151	17.88	33.10	33.10	8.16	8.16	102.8	102.9	8.00	8.01	8.01	1.5	1.6	4.5					
					0.09	113	17.85	33.08	33.09	8.16	8.16	102.1	101.6	7.95	7.91	7.91	1.7	1.7	6.5					
					0.20	77	17.85	33.09	33.09	8.15	8.16	101.0	101.6	7.86	7.86	7.91	1.7	1.7	6.0					
IM5	Cloudy	Calm	12:23	16	S	0.94	51	17.14	17.14	32.75	32.75	8.16	8.16	99.7	99.7	7.89	7.89	7.88	1.2	1.1	2.2	3.6	3.7	6.0
						0.76	102	17.14	32.75	32.75	8.16	8.16	99.7	99.7	7.89	7.89	7.88	1.0	1.1	3.8				
						0.77	234	16.94	32.78	32.78	8.16	8.16	99.2	99.2	7.87	7.87	7.87	1.1	1.1	4.2				
					0.77	234	16.94	32.78	32.78	8.16	8.16	99.2	99.2	7.87	7.87	7.87	1.1	1.1	4.3					
					0.36	247	16.96	32.77	32.78	8.16	8.16	98.4	98.4	7.81	7.81	7.81	4.3	4.3	9.7					
					0.49	317	16.96	32.79	32.78	8.16	8.16	98.3	98.4	7.80	7.80	7.81	4.3	4.3	10.2					
IM6	Cloudy	Calm	11:00	16	S	0.39	305	17.10	17.10	32.86	32.86	8.17	8.17	99.3	99.3	7.85	7.85	7.85	2.0	2.0	2.3	4.6	4.7	5.6
						0.39	305	17.10	32.86	32.86	8.17	8.17	99.3	99.3	7.85	7.85	7.85	2.0	2.0	4.7				
						0.76	21	17.04	32.87	32.87	8.17	8.17	99.0	99.0	7.84	7.84	7.84	2.3	2.3	5.2				
					0.76	21	17.04	32.87	32.87	8.17	8.17	99.0	99.0	7.84	7.84	7.84	2.3	2.3	5.0					
					0.12	344	17.02	32.86	32.86	8.17	8.17	98.8	98.8	7.83	7.83	7.83	2.8	2.7	7.3					
					0.56	24	17.02	32.86	32.86	8.17	8.17	98.7	98.7	7.82	7.82	7.83	2.6	2.7	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: 2022/02/14

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E3	Cloudy	Calm	21:40	18.0	S	0.69	191	17.24	17.24	32.87	32.87	8.01	8.01	99.8	99.8	7.87	7.87	7.86	1.5	1.5	1.7	1.7	2.9	2.9	3.6
						0.69	192	17.23	32.87	8.00		99.8		7.87		1.5		2.8							
						0.52	252	17.16	32.88	8.01		99.3		7.84		1.8		3.6							
					M	0.45	78	17.17	32.88	8.01	99.4	7.85	7.85	1.7	1.8	3.7									
						0.58	335	17.16	32.88	8.04	99.3	7.84	7.84	1.9	2.0	4.4									
						0.53	82	17.16	32.88	8.03	99.2	7.84	7.84	2.0	2.0	4.4									
IM6	Cloudy	Calm	22:55	17.0	S	0.57	139	17.17	17.17	32.86	32.86	8.17	8.17	100.1	100.1	7.91	7.91	7.89	0.9	0.9	2.1	2.1	2.7	2.7	4.1
						0.57	139	17.17	32.86	8.17		100.1		7.91		0.8		2.4							
						0.37	113	17.17	32.87	8.17		99.6		7.87		7.88		1.2	1.2		3.1				
					M	0.64	98	17.17	32.87	8.17	99.7	7.88	7.88	1.2	1.2	3.3									
						0.26	177	17.08	32.88	8.17	98.0	7.75	7.75	4.6	4.3	6.4									
						0.26	177	17.08	32.87	8.17	97.9	7.75	7.75	4.0	4.0	6.4									
IM7	Cloudy	Calm	22:27	14.0	S	0.42	134	17.09	17.09	32.83	32.83	8.13	8.13	99.5	99.5	7.87	7.88	7.87	0.8	0.8	1.2	1.2	2.2	2.3	2.9
						0.42	134	17.08	32.83	8.13		99.5		7.87		0.8		2.4							
						0.59	114	17.08	32.83	8.13		99.3		7.86		7.86		0.9	0.9		2.5				
					M	0.59	114	17.08	32.84	8.13	99.3	7.86	7.86	0.9	0.9	2.8									
						0.25	230	17.08	32.83	8.13	99.3	7.86	7.85	1.8	1.9	3.9									
						0.25	230	17.08	32.83	8.13	99.1	7.84	7.85	2.0	1.9	3.6									
IM8	Cloudy	Calm	22:39	15.9	S	0.40	215	17.20	17.21	32.86	32.86	8.15	8.15	99.9	99.9	7.89	7.89	7.88	0.4	0.4	1.0	1.0	2.2	2.2	3.5
						0.40	215	17.21	32.86	8.15		99.9		7.89		0.4		2.1							
						0.56	133	17.18	32.85	8.15		99.6		7.87		7.87		0.9	0.9		3.7				
					M	0.17	8	17.19	32.86	8.15	99.7	7.87	7.87	0.8	0.9	3.6									
						0.34	139	17.10	32.85	8.15	99.1	7.84	7.84	1.8	1.7	4.6									
						0.34	139	17.09	32.85	8.15	99.1	7.84	7.84	1.6	1.7	5.0									
IM9	Cloudy	Calm	22:06	16.0	S	0.61	154	17.07	17.08	32.85	32.85	8.11	8.11	99.8	99.8	7.90	7.89	7.89	1.6	1.6	1.9	1.9	2.8	2.9	4.0
						0.35	63	17.08	32.85	8.11		99.7		7.89		1.6		3.0							
						0.29	135	17.05	32.85	8.11		99.5		7.88		7.88		1.9	1.9		3.6				
					M	0.29	135	17.07	32.85	8.11	99.5	7.88	7.88	1.8	1.9	4.0									
						0.69	125	17.03	32.85	8.11	99.5	7.88	7.88	2.0	2.1	5.4									
						0.69	125	17.04	32.85	8.11	99.4	7.87	7.88	2.2	2.1	5.3									

Remark: \* DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/02/14

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F3	Cloudy	Calm	10:43	18.0	S	0.30	306	17.00	17.00	32.85	32.86	8.16	8.16	99.1	99.1	7.85	7.85	7.84	0.9	1.0	1.2	3.2	3.0	3.4
						0.03	308	16.99	32.86	8.16		99.0		7.85		1.0		2.8						
						0.06	66	16.94	32.85	8.16		98.6		7.82		1.1		3.4						
					M	0.41	127	16.95	32.85	8.16	98.6	7.82	1.0	3.4										
						0.51	275	16.94	32.84	8.17	98.6	7.82	1.6	3.7										
						0.19	276	16.94	32.84	8.16	98.3	7.80	1.4	3.7										
IM6	Cloudy	Calm	11:00	16.0	S	0.39	305	17.10	17.10	32.86	32.86	8.17	8.17	99.3	99.3	7.85	7.85	7.85	2.0	2.0	2.3	4.6	5.1	5.6
						0.39	305	17.10	32.86	8.17		99.3		7.85		2.0		4.7						
						0.76	21	17.04	32.87	8.17		99.0		7.84		2.3		5.2						
					M	0.76	21	17.04	32.87	8.17	99.0	7.84	2.3	5.0										
						0.12	344	17.02	32.86	8.17	98.8	7.83	2.8	7.3										
						0.56	24	17.02	32.86	8.17	98.7	7.82	2.6	7.0										
IM7	Cloudy	Calm	11:24	13.0	S	0.36	294	17.08	17.09	32.87	32.87	8.17	8.17	99.2	99.3	7.85	7.85	7.84	1.3	1.2	1.4	2.0	2.2	3.3
						0.36	294	17.10	32.87	8.17		99.3		7.85		1.1		2.3						
						0.47	248	17.00	32.88	8.17		98.8		7.83		1.3		3.1						
					M	0.47	248	17.00	32.89	8.17	98.7	7.82	1.4	3.3										
						0.26	43	16.99	32.89	8.17	98.8	7.83	1.6	4.2										
						0.85	336	16.99	32.89	8.17	98.6	7.81	1.5	4.6										
IM8	Cloudy	Calm	11:15	15.0	S	0.69	319	17.08	17.10	32.88	32.88	8.16	8.16	99.2	99.3	7.85	7.85	7.84	0.9	0.9	1.2	2.8	3.2	3.5
						0.78	143	17.11	32.88	8.16		99.3		7.85		0.8		2.7						
						0.70	239	16.99	32.89	8.16		98.8		7.83		1.1		3.1						
					M	0.88	10	16.99	32.89	8.16	98.8	7.83	1.2	3.2										
						0.45	327	16.99	32.89	8.17	98.9	7.84	1.8	4.8										
						0.45	327	16.98	32.89	8.17	98.6	7.82	1.5	4.6										
IM9	Cloudy	Calm	11:48	15.3	S	0.77	291	17.11	17.10	32.90	32.90	8.17	8.17	99.6	99.7	7.88	7.89	7.86	1.4	1.4	3.6	3.6	3.4	6.2
						0.77	291	17.09	32.90	8.17		99.7		7.89		1.3		3.2						
						0.48	86	17.07	32.92	8.17		99.0		7.83		4.4		6.5						
					M	0.23	218	17.07	32.92	8.17	99.0	7.83	4.2	6.1										
						0.31	166	17.07	32.92	8.17	99.1	7.84	5.4	9.2										
						0.68	287	17.07	32.92	8.17	98.8	7.82	5.0	8.8										

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Water Quality Monitoring Data Log Sheet

Date: 2022/02/14

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E6	Sunny	Moderate	11:36	6.3	S	1.10	134	18.30	18.30	29.92	29.92	8.17	8.17	98.9	98.9	7.79	7.79	1.5	1.5	2.0	1.7	1.6	1.8		
						1.07	128	18.30	18.30	29.92	29.92	8.17	8.17	98.9	98.9	7.78	7.78	1.5	1.5						
					M	1.10	151	18.10	18.10	31.40	31.40	8.16	8.16	93.5	93.5	7.33	7.33	2.0	2.0		1.7				
						1.09	153	18.10	18.10	31.40	31.40	8.16	8.16	93.5	93.5	7.33	7.33	2.0	2.0		1.9				
					B	1.08	151	18.10	18.10	31.43	31.43	8.16	8.16	93.6	93.6	7.33	7.33	2.3	2.3		2.0			2.0	
						1.09	152	18.10	18.10	31.43	31.43	8.16	8.16	93.6	93.6	7.33	7.33	2.3	2.3		2.0			2.0	
IM17	Sunny	Rough	12:54	5.4	S	0.35	169	18.10	18.10	29.63	29.63	8.17	8.17	99.9	99.9	7.90	7.90	7.90	7.90	1.7	1.7	1.7	5.0	5.1	4.2
						0.37	165	18.10	18.10	29.63	29.63	8.17	8.17	99.9	99.9	7.90	7.90	7.90	7.90	1.7	1.7				
					B	0.26	142	17.90	17.90	29.87	29.88	8.18	8.18	100.1	100.1	7.94	7.94	7.94	7.94	1.8	1.8		3.3		
						0.25	149	17.90	17.90	29.88	29.88	8.18	8.18	100.1	100.1	7.94	7.94	7.94	7.94	1.8	1.8		3.1		
IM18	Sunny	Rough	12:45	14.8	S	0.97	152	18.00	18.00	29.97	29.97	8.17	8.17	98.1	98.1	7.77	7.77	7.46	7.46	2.6	2.6	3.5	2.5	2.4	3.3
						1.01	147	18.00	18.00	29.97	29.97	8.17	8.17	98.1	98.1	7.77	7.77	7.46	7.46	2.6	2.6				
					M	1.00	181	18.00	18.00	31.80	31.80	8.13	8.13	91.5	91.5	7.16	7.16	7.16	7.16	3.2	3.2		3.6		
						1.02	181	18.00	18.00	31.80	31.80	8.13	8.13	91.5	91.5	7.15	7.15	7.16	7.16	3.2	3.2		3.7		
					B	0.97	167	18.00	18.00	31.89	31.89	8.13	8.13	91.2	91.2	7.12	7.12	7.12	7.12	4.5	4.5		4.1		
						0.93	165	18.00	18.00	31.89	31.89	8.13	8.13	91.2	91.2	7.12	7.12	7.12	7.12	4.6	4.6		3.9		
IM19	Sunny	Rough	12:34	17.5	S	1.02	160	18.10	18.10	30.05	30.05	8.16	8.16	99.8	99.8	7.87	7.87	7.77	7.77	3.3	3.3	4.7	2.1	2.1	3.3
						1.00	162	18.10	18.10	30.05	30.05	8.16	8.16	99.8	99.8	7.87	7.87	7.77	7.77	3.3	3.3				
					M	1.06	160	18.00	18.00	30.77	30.77	8.15	8.15	97.3	97.3	7.66	7.66	7.66	7.66	4.5	4.5		3.6		
						1.09	158	18.00	18.00	30.77	30.77	8.15	8.15	97.3	97.3	7.66	7.66	7.66	7.66	4.5	4.5		3.4		
					B	1.01	168	18.00	18.00	30.89	30.90	8.15	8.15	96.8	96.8	7.62	7.62	7.62	7.62	6.2	6.3		4.3		
						1.01	173	18.00	18.00	30.90	30.90	8.15	8.15	96.8	96.8	7.62	7.62	7.62	7.62	6.3	6.3		4.1		

Remark: \* DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/02/14

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)							
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*					
E5	Sunny	Moderate	6:31	6.2	S	0.33	344	17.80	17.80	30.06	30.06	8.20	8.20	98.8	98.8	7.85	7.85	7.85	5.3	5.3	6.1	5.9	5.1	5.1					
						0.38	339	17.80	17.80	30.06	30.06	8.20	8.20	98.8	98.8	7.85	7.85	7.85	5.3	5.3									
					M	0.30	346	17.80	17.80	30.07	30.07	8.20	8.20	98.8	98.8	7.84	7.84	7.84	6.5	6.5	6.1	5.2	5.1	5.1					
						0.31	341	17.80	17.80	30.07	30.07	8.20	8.20	98.8	98.8	7.84	7.84	7.84	6.5	6.5									
					B	0.30	6	17.80	17.80	30.08	30.08	8.19	8.19	99.1	99.1	7.87	7.87	7.87	6.3	6.4	6.1	4.4	5.1	5.1					
						0.27	12	17.80	17.80	30.08	30.08	8.19	8.19	99.1	99.1	7.87	7.87	7.87	6.4	6.4									
F6	Sunny	Calm	5:51	12.6	S	0.21	310	17.80	17.80	29.80	29.80	8.22	8.22	98.5	98.5	7.83	7.83	7.73	1.3	1.3	2.1	4.5	3.5	3.5					
						0.17	305	17.80	17.80	29.80	29.80	8.22	8.22	98.5	98.5	7.83	7.83	7.73	1.3	1.3									
					M	0.22	324	18.00	18.00	30.14	30.14	8.21	8.21	96.3	96.3	7.62	7.62	7.62	1.8	1.9	2.1	3.2	3.5	3.5					
						0.18	331	18.00	18.00	30.14	30.14	8.21	8.21	96.3	96.3	7.62	7.62	7.62	1.9	1.9									
					B	0.27	302	18.10	18.10	31.80	31.80	8.18	8.18	91.2	91.2	7.13	7.13	7.13	3.3	3.3	2.1	2.5	3.5	3.5					
						0.22	300	18.10	18.10	31.80	31.80	8.18	8.18	91.2	91.2	7.13	7.13	7.13	3.3	3.3									
IM17	Sunny	Moderate	6:57	4.6	S	0.31	0	17.70	17.70	29.69	29.69	8.17	8.17	97.9	97.9	7.80	7.80	7.80	4.5	4.5	6.5	2.9	3.9	3.9					
						0.29	356	17.70	17.70	29.68	29.68	8.17	8.17	97.9	97.9	7.80	7.80	7.80	4.6	4.6									
					B	0.25	332	17.70	17.70	29.97	29.97	8.15	8.15	97.3	97.3	7.74	7.74	7.74	8.5	8.6	6.5	4.7	3.9	3.9					
						0.24	333	17.70	17.70	29.97	29.97	8.15	8.15	97.3	97.3	7.74	7.74	7.74	8.6	8.6									
					IM18	Sunny	Moderate	7:06	15.5	S	0.61	336	17.80	17.80	29.81	29.81	8.17	8.17	97.7	97.7	7.77	7.77	7.52	1.7	1.7	2.3	2.0	2.7	2.7
											0.56	340	17.80	17.80	29.81	29.81	8.17	8.17	97.7	97.7	7.77	7.77	7.52	1.7	1.7				
M	0.57	330	18.00	18.00						31.33	31.33	8.16	8.16	92.6	92.6	7.26	7.26	7.26	1.5	1.5	2.3	2.8	2.7	2.7					
	0.54	323	18.00	18.00						31.33	31.33	8.16	8.16	92.6	92.6	7.26	7.26	7.26	1.6	1.6									
B	0.58	331	18.10	18.10						32.04	32.04	8.14	8.14	90.3	90.3	7.05	7.05	7.05	3.7	3.7	2.3	3.2	2.7	2.7					
	0.55	324	18.10	18.10						32.04	32.04	8.14	8.14	90.4	90.4	7.05	7.05	7.05	3.7	3.7									
IM19	Sunny	Calm	7:22	16.7	S	0.6	347	17.90	17.90	29.80	29.80	8.19	8.19	99.3	99.3	7.87	7.87	7.67	1.7	1.7	2.2	2.0	1.4	1.4					
						0.64	352	17.90	17.90	29.80	29.80	8.19	8.19	99.3	99.3	7.87	7.87	7.67	1.7	1.7									
					M	0.57	358	18.00	18.00	30.90	30.90	8.17	8.17	94.9	94.9	7.47	7.47	7.47	2.0	2.0	2.2	1.6	1.4	1.4					
						0.52	351	18.00	18.00	30.90	30.90	8.17	8.17	94.9	94.9	7.47	7.47	7.47	2.0	2.0									
					B	0.62	350	18.00	18.00	31.73	31.73	8.14	8.14	92.0	92.1	7.21	7.21	7.21	2.9	2.9	2.2	1.1	1.4	1.4					
						0.6	352	18.00	18.00	31.72	31.72	8.14	8.14	92.1	92.1	7.21	7.21	7.21	2.9	2.9									

Remark: \* DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/02/16

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)						
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E3	Cloudy	Calm	11:25	17.0	S	0.52	338	17.34	17.35	32.91	32.91	8.05	8.05	100.5	100.6	7.91	7.92	7.90	3.7	3.7	4.4	5.9	5.9	6.5				
						0.52	339	17.35	32.91	8.04		100.7		7.92		3.6			5.8									
					M	0.22	239	17.30	17.30	32.91	32.91	8.05	8.05	100.0	100.1	7.88	7.89	7.88	7.88	7.88		7.88	4.4		4.8	6.2	6.0	
						0.29	331	17.30	32.91	8.04		100.1		7.89		5.3									6.0			
					B	0.14	221	17.34	17.33	32.92	32.92	8.05	8.05	100.1	100.0	7.88	7.88	7.88	7.88	7.88		7.88	4.4		4.5	4.4	7.5	
						0.18	350	17.32	32.92	8.05		99.9		7.87		4.6												7.3
IM6	Cloudy	Calm	12:45	16.0	S	0.84	49	17.30	17.30	32.82	32.82	8.09	8.09	100.6	100.6	7.93	7.93	7.92	1.6	1.7	1.6	2.7	3.1	4.0				
						0.31	47	17.30	32.82	8.09		100.6		7.93		3.4			3.4									
					M	0.18	246	17.25	17.25	32.85	32.85	8.09	8.09	100.1	100.1	7.90	7.90		7.90	7.90		7.90	7.90		1.3	1.3	1.3	4.5
						0.18	246	17.25	32.85	8.09		100.1		7.90		4.6												
					B	0.47	48	17.24	17.24	32.86	32.87	8.09	8.09	99.8	99.8	7.87	7.87		7.87	7.87		7.87	7.87		1.8	1.9	1.8	4.6
						0.41	336	17.24	32.87	8.09		99.7		7.86		5.0												
IM7	Cloudy	Calm	12:17	13.0	S	0.36	74	17.37	17.37	32.93	32.93	8.09	8.09	101.5	101.5	7.98	7.98	7.98	1.4	1.4	1.5	3.9	3.8	5.8				
						0.57	163	17.37	32.93	8.09		101.5		7.98		1.3			3.7									
					M	0.52	360	17.37	17.37	32.94	32.94	8.09	8.09	101.3	101.3	7.97	7.97		7.97	7.97		7.97	7.97		1.5	1.5	1.5	6.6
						0.81	285	17.37	32.93	8.08		101.3		7.97		6.8												
					B	0.81	117	17.35	17.35	32.94	32.94	8.09	8.09	101.1	101.1	7.96	7.96		7.96	7.96		7.96	7.96		1.5	1.5	1.5	6.9
						0.81	117	17.35	32.93	8.09		101.0		7.95		7.0												
IM8	Cloudy	Calm	12:27	15.2	S	1.30	201	17.39	17.39	32.93	32.93	8.09	8.09	101.4	101.4	7.97	7.97	7.95	1.6	1.6	2.1	3.4	3.8	5.0				
						1.30	201	17.39	32.93	8.09		101.4		7.97		4.1												
					M	0.63	132	17.34	17.34	32.93	32.93	8.09	8.09	100.8	100.9	7.93	7.94		7.94	7.94		7.94	7.94		1.6	1.7	1.7	4.8
						0.68	158	17.34	32.93	8.09		100.9		7.94		5.2												
					B	0.65	96	17.31	17.31	32.93	32.93	8.09	8.09	100.3	100.2	7.90	7.89		7.89	7.89		7.89	7.89		3.0	3.1	3.0	6.6
						0.81	337	17.30	32.93	8.09		100.1		7.88		6.6												
IM9	Cloudy	Calm	11:55	15.0	S	0.88	272	17.30	17.31	32.90	32.90	8.06	8.06	100.6	100.6	7.93	7.93	7.92	2.2	2.3	2.5	6.2	6.3	5.8				
						1.49	200	17.31	32.90	8.06		100.6		7.92		2.3			6.3									
					M	0.84	268	17.26	17.26	32.90	32.90	8.05	8.05	100.2	100.3	7.90	7.91		7.91	7.91		7.91	7.91		2.4	2.4	2.4	5.7
						0.69	258	17.26	32.90	8.05		100.3		7.91		5.4												
					B	0.64	136	17.25	17.25	32.88	32.89	8.06	8.06	100.1	100.1	7.89	7.89		7.89	7.89		7.89	7.89		2.9	2.8	2.9	5.5
						0.42	266	17.25	32.90	8.05		100.0		7.89		5.2												

Remark: \* DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/02/16

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
F3	Cloudy	Calm	16:54	18.0	S	0.90	317	17.32	17.32	32.87	32.87	8.14	8.14	101.3	101.3	7.98	7.98	7.97	0.7	0.7	1.2	3.6	3.3	4.4	
						0.50	337	17.31	17.32	32.87	32.88	8.14	8.14	101.3	101.3	7.98	7.98	7.97	0.7	0.7					
					M	0.71	16	17.31	17.31	32.87	32.88	8.14	8.14	100.9	100.9	7.95	7.95	7.90	7.90	7.90		1.1			1.1
						0.47	110	17.31	17.30	32.88	32.91	8.14	8.14	100.9	100.9	7.95	7.95	7.90	7.90	7.90		1.0			1.0
					B	0.34	245	17.30	17.30	32.91	32.92	8.14	8.14	100.3	100.3	7.90	7.90	7.90	7.90	7.90		1.7			1.8
						0.71	228	17.29	17.30	32.92	32.92	8.14	8.14	100.1	100.1	7.89	7.90	7.90	7.90	7.90		1.8			1.8
IM6	Cloudy	Calm	16:40	17.0	S	1.40	313	17.42	17.42	32.93	32.93	8.13	8.13	101.9	101.9	8.01	8.01	7.98	1.3	1.3	1.8	3.7	3.5	5.2	
						0.60	320	17.42	17.38	32.93	32.93	8.13	8.13	101.9	101.9	8.01	8.01	7.98	1.2	1.3					
					M	0.21	194	17.38	17.38	32.93	32.93	8.13	8.13	100.7	101.0	7.92	7.94	7.94	1.5	1.4					
						0.62	101	17.38	17.29	32.92	32.92	8.13	8.13	101.2	101.0	7.96	7.94	7.94	1.3	1.4					
					B	0.09	289	17.29	17.29	32.92	32.92	8.13	8.13	99.7	99.6	7.85	7.84	7.84	2.7	2.8					
						0.09	289	17.28	17.29	32.92	32.92	8.12	8.13	99.4	99.6	7.83	7.84	7.84	2.9	2.8					
IM7	Cloudy	Calm	16:13	13.0	S	1.18	282	17.52	17.52	32.91	32.91	8.10	8.10	102.2	102.3	8.02	8.02	7.99	1.2	1.2	1.6	2.5	2.6	3.8	
						1.18	282	17.52	17.47	32.91	32.92	8.10	8.10	102.3	101.4	8.02	8.02	7.99	1.2	1.2					
					M	0.45	104	17.46	17.47	32.92	32.92	8.10	8.10	101.5	101.4	7.97	7.96	7.96	1.4	1.3					
						0.25	22	17.48	17.42	32.92	32.92	8.10	8.11	101.3	101.0	7.95	7.94	7.94	1.2	1.3					
					B	1.16	217	17.41	17.42	32.92	32.92	8.11	8.11	100.9	101.0	7.93	7.94	7.94	2.2	2.2					
						0.11	104	17.42	17.42	32.92	32.92	8.10	8.11	101.0	101.0	7.94	7.94	7.94	2.2	2.2					
IM8	Cloudy	Calm	16:24	15.0	S	0.36	269	17.53	17.53	32.92	32.92	8.12	8.12	102.6	102.6	8.05	8.05	8.00	1.6	1.6	2.0	3.6	3.5	3.8	
						0.47	256	17.53	17.45	32.92	32.93	8.12	8.11	102.6	101.3	8.05	7.95	7.96	1.5	1.6					
					M	0.29	94	17.46	17.45	32.92	32.93	8.11	8.11	101.3	101.3	7.95	7.96	7.96	1.6	1.6					
						0.06	17	17.43	17.31	32.93	32.92	8.11	8.11	101.3	101.3	7.96	7.96	7.96	1.5	1.6					
					B	1.02	286	17.31	17.31	32.92	32.92	8.11	8.11	100.1	100.0	7.88	7.87	7.87	2.8	3.0					
						0.41	11	17.31	17.31	32.92	32.92	8.11	8.11	99.8	100.0	7.86	7.87	7.87	3.1	3.0					
IM9	Cloudy	Calm	15:50	15.0	S	1.17	304	17.66	17.66	32.95	32.95	8.10	8.10	102.1	102.2	7.99	8.00	7.95	2.6	2.6	2.7	9.3	8.8	6.7	
						0.62	291	17.66	17.51	32.95	32.94	8.10	8.10	102.3	100.8	8.00	7.91	7.91	2.5	2.6					
					M	0.30	203	17.51	17.51	32.94	32.94	8.10	8.10	100.8	100.8	7.91	7.91	7.91	2.7	2.7					
						0.37	17	17.51	17.50	32.94	32.94	8.10	8.11	100.8	100.5	7.91	7.89	7.89	2.7	2.7					
					B	0.19	350	17.50	17.50	32.94	32.94	8.11	8.11	100.5	100.5	7.89	7.89	7.89	2.8	2.8					
						0.66	322	17.50	17.50	32.94	32.94	8.10	8.11	100.5	100.5	7.89	7.89	7.89	2.8	2.8					

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Water Quality Monitoring Data Log Sheet

Date: 2022/02/16

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E6	Cloudy	Moderate	12:34	6.3	S	0.76	158	18.50	18.50	30.21	30.21	8.30	8.30	100.3	100.3	7.86	7.86	7.79	0.6	0.6	1.0	3.3	3.1	3.0		
						0.73	152	18.50	18.50	30.21	30.21	8.30	8.30	100.3	100.3	7.86	7.86	7.79	0.7	0.7		2.8				
						0.74	133	18.40	18.40	30.27	30.28	8.30	8.30	98.6	98.5	7.73	7.72	1.0	1.0	2.9						
					M	0.75	130	18.40	18.40	30.29	30.29	8.30	8.30	98.4	98.4	7.71	7.71	7.72	1.0	1.0	3.0	3.0	3.2			
						0.79	146	18.30	18.30	30.88	30.88	8.30	8.30	96.6	96.6	7.55	7.55	7.56	1.4	1.2	3.0					
						0.76	147	18.30	18.30	30.88	30.88	8.30	8.30	96.6	96.6	7.56	7.56	7.56	1.1	1.2	3.0					
IM17	Cloudy	Moderate	13:12	5.2	S	0.43	155	18.30	18.30	31.27	31.30	8.37	8.37	100.2	100.2	7.81	7.81	7.81	2.3	2.3	2.4	3.3	3.7	3.6		
						0.41	153	18.30	18.30	31.32	31.32	8.37	8.37	100.2	100.2	7.81	7.81	7.81	2.3	2.3		4.1				
					B	0.47	181	18.30	18.30	31.67	31.67	8.39	8.40	100.2	100.2	7.80	7.80	7.80	2.5	2.6	3.1					
						0.45	186	18.30	18.30	31.67	31.67	8.40	8.40	100.2	100.2	7.79	7.79	7.80	2.6	2.6	4.0					
IM18	Cloudy	Moderate	13:03	17.3	S	0.61	158	18.40	18.35	30.38	30.39	8.29	8.29	98.6	98.5	7.73	7.72	7.56	1.3	1.5	8.3	2.4	4.3	3.7		
						0.66	156	18.30	18.30	30.40	30.40	8.29	8.28	98.3	98.3	7.71	7.71		1.7			2.0				
						0.63	142	18.20	18.20	31.36	31.37	8.28	8.28	94.7	94.7	7.40	7.40		10.9			10.6			4.3	
					M	0.62	134	18.20	18.20	31.38	31.38	8.28	8.28	94.7	94.7	7.40	7.40	7.40	10.3	10.6		4.3				
						0.67	180	18.20	18.20	31.41	31.41	8.28	8.28	95.2	95.4	7.44	7.45	7.45	12.0	12.7		4.4				
						0.70	176	18.20	18.20	31.40	31.41	8.28	8.28	95.5	95.4	7.46	7.45	7.45	13.4	12.7		4.6				
IM19	Cloudy	Moderate	12:53	18	S	0.62	169	18.50	18.50	30.81	30.82	8.28	8.28	99.6	99.6	7.76	7.76	7.71	0.8	0.8	1.3	1.4	1.6	1.5		
						0.65	171	18.50	18.50	30.82	30.82	8.28	8.28	99.6	99.6	7.76	7.76		7.76			0.8			0.8	1.7
						0.59	167	18.20	18.20	30.96	30.98	8.29	8.29	97.8	97.8	7.66	7.66		7.66			1.0			1.0	1.9
					M	0.63	170	18.30	18.30	30.99	30.99	8.29	8.29	97.8	97.8	7.65	7.65	7.66	1.0	1.0		1.4				
						0.66	191	18.30	18.30	31.31	31.31	8.29	8.29	98.1	98.2	7.66	7.66	7.67	1.9	2.0		1.2				
						0.66	189	18.30	18.30	31.28	31.30	8.29	8.29	98.2	98.2	7.67	7.67	7.67	2.1	2.0		1.5				

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Water Quality Monitoring Data Log Sheet

Date: 2022/02/16

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E5	Cloudy	Rough	8:15	6.4	S	0.28	5	18.20	18.20	31.48	31.48	8.32	8.32	98.1	98.1	7.66	7.67	7.68	5.8	5.9	7.1	9.0	9.5	8.7
						0.23	12	18.20	18.20	31.48	31.48	8.32	8.32	98.1	98.1	7.67	7.67		6.1	6.1		10.0		
						0.34	351	18.20	18.15	31.49	31.49	8.32	8.32	98.3	98.3	7.68	7.69		7.1	7.3		8.8		
					M	0.37	351	18.10	18.10	31.49	31.49	8.32	8.32	98.3	98.3	7.73	7.73	7.4	7.4	8.0	8.0	8.5	8.0	
						0.28	346	18.10	18.10	31.50	31.50	8.32	8.32	98.9	99.0	7.73	7.74	8.0	8.1	7.9				
						0.25	344	18.10	18.10	31.50	31.50	8.32	8.32	99.0	99.0	7.74	7.74	8.3	8.1	7.9				
F6	Cloudy	Rough	7:49	13.2	S	0.44	322	18.10	18.10	31.02	31.03	8.25	8.25	96.1	96.1	7.54	7.54	7.52	3.0	3.0	7.0	7.5	7.5	7.0
						0.47	322	18.10	18.10	31.03	31.03	8.25	8.25	96.1	96.1	7.54	7.54		3.0	3.0		7.5		
						0.4	324	18.10	18.10	31.06	31.06	8.25	8.25	95.6	95.6	7.50	7.50		8.2	8.5		7.2		
					M	0.36	326	18.10	18.10	31.06	31.06	8.25	8.25	95.6	95.6	7.50	7.50	8.8	8.5	7.0	7.1			
						0.41	301	18.10	18.10	31.04	31.04	8.23	8.23	95.1	95.1	7.46	7.46	8.8	9.4	5.8				
						0.4	303	18.10	18.10	31.04	31.04	8.23	8.23	95.1	95.1	7.46	7.46	10.1	6.7					
IM17	Cloudy	Rough	8:39	5.6	S	0.28	340	18.10	18.10	30.10	30.10	8.26	8.26	97.2	97.2	7.67	7.67	7.67	7.67	7.67	7.0	8.6	8.2	7.4
						0.27	335	18.10	18.10	30.10	30.10	8.26	8.26	97.2	97.2	7.67	7.67		3.1	3.1		7.7		
						0.3	344	18.10	18.10	30.12	30.12	8.27	8.27	97.0	97.0	7.65	7.65		10.9	10.9		6.5		
					B	0.31	341	18.10	18.10	30.12	30.12	8.27	8.27	97.0	97.0	7.65	7.65	10.8	10.9	6.9				
						0.62	326	18.20	18.20	30.28	30.31	8.26	8.26	96.6	96.6	7.60	7.59	1.1	1.1	4.1				
						0.66	333	18.20	18.20	30.33	30.33	8.26	8.26	96.5	96.6	7.58	7.59	1.1	1.1	3.9				
IM18	Cloudy	Rough	8:49	17.8	S	0.62	326	18.20	18.20	30.28	30.31	8.26	8.26	96.6	96.6	7.60	7.59	7.50	1.1	1.1	5.2	4.1	4.0	3.7
						0.66	333	18.20	18.20	30.33	30.33	8.26	8.26	96.5	96.6	7.58	7.59		1.1	1.1		3.9		
						0.63	340	18.20	18.20	31.41	31.42	8.25	8.25	94.8	94.8	7.41	7.41		1.5	1.5		3.8		
					M	0.64	335	18.20	18.20	31.42	31.42	8.25	8.25	94.8	94.8	7.41	7.41	1.5	1.5	4.0				
						0.62	316	18.20	18.20	31.45	31.45	8.25	8.25	95.4	95.6	7.45	7.47	12.8	13.0	2.8				
						0.61	315	18.20	18.20	31.45	31.45	8.25	8.25	95.7	95.7	7.48	7.47	13.3	13.0	3.3				
IM19	Cloudy	Rough	9:00	18	S	0.61	334	18.20	18.20	30.82	30.82	8.28	8.28	98.3	98.3	7.71	7.71	7.64	8.6	8.6	8.9	3.2	2.9	3.3
						0.57	336	18.20	18.20	30.82	30.82	8.28	8.28	98.2	98.2	7.70	7.70		8.6	8.6		2.5		
						0.65	333	18.20	18.20	31.14	31.14	8.27	8.27	96.9	96.9	7.58	7.58		2.0	2.1		3.4		
					M	0.68	334	18.20	18.20	31.14	31.14	8.27	8.27	96.9	96.9	7.58	7.58	2.2	2.2	2.6				
						0.64	8	18.20	18.20	31.17	31.17	8.26	8.26	97.2	97.3	7.61	7.61	14.6	16.1	4.1				
						0.64	14	18.20	18.20	31.17	31.17	8.26	8.26	97.3	97.3	7.61	7.61	17.5	16.1	3.7				

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/21

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E3	Rainy	Calm	13:39	18.3	S	0.99	213	15.91	15.91	32.35	32.35	8.14	8.14	97.7	97.8	7.93	7.94	7.92	4.1	4.1	4.8	5.3	6.2	6.2
						1.04	243	15.91	32.35	32.35	8.14	8.14	97.8	97.8	7.94	7.94	4.1	4.1	5.5					
						0.63	322	15.93	32.36	32.36	8.12	8.12	97.4	97.4	7.91	7.91	4.7	4.8	6.6					
					0.55	59	15.94	32.36	32.36	8.12	8.12	97.3	97.3	7.90	7.91	4.9	4.8	5.7						
					0.27	187	15.95	32.36	32.36	8.12	8.12	97.1	97.1	7.88	7.88	5.5	5.6	7.2						
					0.87	285	15.94	32.36	32.36	8.11	8.12	97.0	97.1	7.87	7.88	5.7	5.6	6.6						
IM6	Rainy	Calm	14:59	17.2	S	0.51	212	15.85	15.86	32.14	32.14	8.19	8.19	97.4	97.5	7.93	7.94	7.90	4.2	4.2	6.0	6.2	6.7	6.7
						0.51	212	15.86	32.14	32.14	8.18	8.18	97.5	97.5	7.94	7.94	4.1	4.2	5.8					
						0.44	337	15.93	32.22	32.22	8.18	8.18	96.9	96.9	7.87	7.87	6.0	5.6	6.2					
					0.88	312	15.92	32.21	32.22	8.18	8.18	96.9	96.9	7.87	7.87	5.1	5.6	5.4						
					0.74	338	16.00	32.27	32.28	8.19	8.19	96.9	96.8	7.86	7.85	7.8	8.4	7.8						
					0.47	269	16.02	32.28	32.28	8.19	8.19	96.7	96.8	7.84	7.85	8.9	8.4	9.0						
IM7	Rainy	Calm	14:32	14.1	S	0.38	184	15.75	15.75	32.12	32.13	8.16	8.16	98.4	98.5	8.03	8.04	7.98	1.7	1.6	2.9	2.1	3.6	3.6
						0.38	184	15.75	32.13	32.13	8.16	8.16	98.6	98.5	8.04	8.04	1.5	1.6	2.5					
						0.82	246	15.88	32.19	32.19	8.16	8.16	97.3	97.5	7.91	7.93	2.0	2.0	1.9					
					0.57	286	15.88	32.19	32.19	8.16	8.16	97.6	97.5	7.94	7.94	2.0	2.0	2.1						
					0.45	19	15.91	32.21	32.22	8.19	8.19	97.9	97.7	7.96	7.94	5.0	5.2	6.3						
					0.43	142	15.91	32.22	32.22	8.19	8.19	97.5	97.7	7.92	7.94	5.4	5.2	6.4						
IM8	Rainy	Calm	14:43	15.5	S	0.54	127	15.74	15.74	32.12	32.12	8.18	8.18	98.4	98.5	8.03	8.04	7.99	2.4	2.4	3.1	2.4	4.0	4.0
						0.54	127	15.74	32.12	32.12	8.18	8.18	98.6	98.5	8.05	8.04	2.3	2.4	2.7					
						0.71	332	15.86	32.12	32.14	8.17	8.17	97.4	97.6	7.93	7.94	2.3	2.2	3.5					
					0.24	158	15.87	32.16	32.14	8.17	8.17	97.7	97.6	7.95	7.94	2.1	2.2	3.3						
					0.19	49	16.01	32.27	32.27	8.18	8.18	97.2	97.1	7.88	7.88	4.7	4.7	6.3						
					0.19	49	16.01	32.27	32.27	8.18	8.18	97.0	97.1	7.87	7.88	4.7	4.7	6.0						
IM9	Rainy	Calm	14:09	16.4	S	0.35	213	15.72	15.72	32.11	32.11	8.16	8.16	98.4	98.5	8.03	8.04	7.99	1.5	1.5	3.5	2.6	5.1	5.1
						0.35	213	15.72	32.11	32.11	8.16	8.16	98.5	98.5	8.04	8.04	1.4	1.5	2.0					
						0.40	290	15.93	32.25	32.23	8.15	8.15	97.6	97.6	7.93	7.94	3.1	2.9	4.0					
					0.23	103	15.86	32.21	32.21	8.15	8.15	97.6	97.6	7.94	7.94	2.7	2.9	4.2						
					0.77	248	16.01	32.29	32.30	8.15	8.15	97.4	97.3	7.90	7.89	6.0	6.2	9.5						
					0.65	225	16.01	32.30	32.30	8.15	8.15	97.2	97.3	7.88	7.89	6.3	6.2	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: 2022/02/21

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
F3	Rainy	Calm	8:21	18.1	S	0.48	314	15.80	15.79	32.20	32.20	8.15	8.16	97.7	97.8	7.96	7.97	7.93	4.1	3.8	8.0	4.2	4.1	9.6		
						0.48	314	15.77	32.19	32.20	8.16	8.16	97.8	97.8	7.97	7.97	4.1		3.8	4.0						
					M	0.44	307	16.01	16.01	32.32	32.32	8.14	8.14	97.2	97.3	7.88	7.89	7.89	7.89	7.93	4.5	4.5	8.0		5.0	5.1
						0.56	327	16.01	16.01	32.32	32.32	8.14	8.14	97.3	97.3	7.89	7.89	7.89	7.89		4.5	4.5			5.1	
					B	0.12	219	16.13	16.13	32.39	32.39	8.15	8.15	96.7	96.7	7.82	7.82	7.82	7.82	7.82	16.5	15.7	8.0		18.2	19.5
						0.52	105	16.13	16.13	32.39	32.39	8.14	8.15	96.6	96.7	7.81	7.82	7.82	7.82		14.8	15.7			20.8	
IM6	Rainy	Calm	8:36	16.3	S	1.79	283	15.84	15.85	32.25	32.26	8.17	8.17	97.8	97.8	7.96	7.96	7.93	4.8	4.8	8.3	5.0	4.9	10.7		
						1.79	283	15.85	32.26	32.26	8.17	8.17	97.8	97.8	7.96	7.96	4.8		4.8	4.8						
					M	0.43	24	16.01	16.01	32.33	32.33	8.16	8.16	97.3	97.3	7.89	7.89	7.89	7.89	7.93	8.6	8.4	8.3		11.6	11.8
						0.68	48	16.00	16.01	32.32	32.33	8.16	8.16	97.3	97.3	7.89	7.89	7.89	7.89		8.1	8.4			12.0	
					B	0.40	154	16.06	16.06	32.35	32.35	8.17	8.17	97.4	97.3	7.89	7.88	7.88	7.88	7.88	11.8	11.7	8.3		14.9	15.4
						0.43	260	16.06	16.06	32.35	32.35	8.17	8.17	97.1	97.3	7.86	7.88	7.88	7.88		11.5	11.7			15.8	
IM7	Rainy	Calm	9:03	13.3	S	0.62	73	16.04	16.04	32.42	32.42	8.19	8.19	98.2	98.2	7.95	7.95	7.95	3.5	3.5	5.6	5.4	5.6	7.9		
						0.09	177	16.04	16.04	32.42	32.42	8.19	8.19	98.1	98.2	7.94	7.95		7.95	7.95		3.4			3.5	5.7
					M	0.24	249	16.06	16.06	32.43	32.43	8.19	8.19	98.1	98.2	7.94	7.95	7.95	7.95	7.95	4.3	4.0	5.6		5.2	5.4
						0.25	202	16.06	16.06	32.43	32.43	8.19	8.19	98.2	98.2	7.95	7.95	7.95	7.95		3.7	4.0			5.5	
					B	1.28	258	16.10	16.10	32.45	32.45	8.19	8.19	98.5	98.4	7.96	7.95	7.95	7.95	7.95	10.3	9.4	5.6		12.5	12.9
						0.99	125	16.10	16.10	32.45	32.45	8.19	8.19	98.2	98.4	7.94	7.95	7.95	7.95		8.5	9.4			13.2	
IM8	Rainy	Calm	8:51	15.4	S	0.77	310	16.08	16.09	32.42	32.43	8.17	8.17	98.1	98.1	7.94	7.93	7.92	3.5	3.6	7.1	5.7	5.3	8.1		
						0.33	271	16.10	16.09	32.43	32.43	8.17	8.17	98.0	98.1	7.92	7.93		7.93	7.93		3.6			3.6	4.9
					M	0.36	216	16.16	16.16	32.46	32.46	8.17	8.17	97.8	97.9	7.90	7.91	7.91	7.91	7.91	5.0	5.1	7.1		6.0	6.7
						0.50	29	16.15	16.16	32.45	32.46	8.17	8.17	97.9	97.9	7.91	7.91	7.91	7.91		5.1	5.1			7.4	
					B	0.33	49	16.20	16.20	32.48	32.48	8.18	8.18	97.9	97.8	7.90	7.89	7.89	7.89	7.89	12.2	12.7	7.1		12.8	12.2
						0.33	49	16.20	16.20	32.48	32.48	8.17	8.18	97.7	97.8	7.88	7.89	7.89	7.89		13.2	12.7			11.6	
IM9	Rainy	Calm	9:24	15.4	S	0.53	240	16.06	16.06	32.40	32.40	8.17	8.17	97.9	97.9	7.92	7.92	7.91	5.7	5.8	10.5	6.1	5.9	10.9		
						0.65	314	16.06	16.06	32.40	32.40	8.17	8.17	97.8	97.9	7.92	7.92		7.92	7.92		5.7			5.8	5.7
					M	0.88	193	16.10	16.10	32.41	32.41	8.17	8.17	97.7	97.7	7.90	7.90	7.90	7.90	7.91	8.3	8.0	10.5		6.3	7.1
						0.84	254	16.09	16.10	32.41	32.41	8.17	8.17	97.6	97.7	7.89	7.90	7.90	7.90		7.7	8.0			7.9	
					B	0.88	327	16.06	16.06	32.42	32.42	8.18	8.18	97.9	97.8	7.92	7.91	7.91	7.91	7.91	16.4	17.8	10.5		18.1	19.8
						0.33	337	16.06	16.06	32.42	32.42	8.18	8.18	97.6	97.8	7.90	7.91	7.91	7.91		19.2	17.8			21.4	

Remark: \* DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/02/21

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value
E6	Rainy	Rough	15:08	8.5	S	0.84	0	16.20	16.20	31.29	31.29	8.23	8.23	93.6	93.6	7.61	7.61	7.61	2.9	2.9	4.3	7.7	7.7	6.3
						0.86	354	16.20	31.29	31.29	8.23	8.23	93.6	93.6	7.61	7.61	3.0		2.9	7.6				
						0.80	349	16.20	31.32	31.32	8.23	8.23	93.7	93.7	7.61	7.62	3.8		3.8	6.6				
					0.79	341	16.20	31.32	31.32	8.23	8.23	93.7	93.7	7.62	7.62	3.8	3.8		5.7					
					0.77	334	16.20	31.32	31.32	8.23	8.23	94.5	94.6	7.68	7.69	6.2	6.2		4.8					
					0.78	339	16.20	31.32	31.32	8.23	8.23	94.6	94.6	7.69	7.69	6.2	6.2		5.1					
IM17	Rainy	Rough	16:15	5.9	S	0.26	11	15.80	15.80	30.97	30.97	8.25	8.25	94.4	94.4	7.76	7.76	7.76	1.7	1.7	1.6	4.4	4.8	4.8
						0.22	15	15.80	30.97	30.97	8.25	8.25	94.4	94.4	7.76	7.76	1.7		1.7	5.2				
						0.25	334	15.70	31.03	31.03	8.25	8.25	94.5	94.6	7.76	7.77	1.6		1.6	4.4				
					0.27	340	15.70	31.03	31.03	8.24	8.25	94.6	94.6	7.77	7.77	1.6	1.6		5.3					
					0.61	341	15.70	30.92	30.93	8.24	8.24	94.7	94.7	7.78	7.78	2.2	2.2		3.5					
					0.58	343	15.70	30.93	30.93	8.24	8.24	94.7	94.7	7.78	7.78	2.2	2.2		5.3					
IM18	Rainy	Rough	15:56	15.1	M	0.64	346	15.70	15.70	31.01	31.01	8.25	8.25	94.8	94.9	7.79	7.80	7.79	1.8	1.9	1.9	3.7	4.3	4.2
						0.65	353	15.70	31.01	31.01	8.25	8.25	94.9	94.9	7.80	7.80	1.9		1.9	4.8				
						0.70	338	15.70	31.10	31.10	8.25	8.25	95.5	95.6	7.85	7.86	1.7		1.7	3.5				
					0.73	341	15.70	31.10	31.10	8.25	8.25	95.6	95.6	7.86	7.86	1.8	1.7		4.6					
					0.67	353	15.80	30.73	30.73	8.25	8.25	95.3	95.3	7.83	7.83	2.6	2.5		4.2					
					0.70	346	15.80	30.73	30.73	8.25	8.25	95.2	95.2	7.83	7.83	2.5	2.5		3.7					
IM19	Rainy	Rough	15:45	16.7	S	0.67	353	15.80	15.80	30.73	30.73	8.25	8.25	95.3	95.3	7.83	7.83	7.81	2.6	2.5	2.5	4.2	4.0	3.3
						0.70	346	15.80	30.73	30.73	8.25	8.25	95.2	95.2	7.83	7.83	2.5		2.5	3.7				
						0.65	330	15.80	30.97	30.98	8.25	8.25	94.9	94.9	7.79	7.79	3.9		3.9	3.3				
					0.66	325	15.80	30.99	30.99	8.25	8.25	94.9	94.9	7.79	7.79	3.9	3.9		2.6					
					0.69	1	15.80	31.15	31.15	8.26	8.26	95.4	95.5	7.82	7.83	1.0	1.0		3.2					
					0.71	2	15.80	31.15	31.15	8.26	8.26	95.5	95.5	7.83	7.83	1.0	1.0		2.7					

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/21

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E5	Rainy	Rough	9:09	7.2	S	0.32	333	15.30	15.30	31.64	31.64	8.27	8.27	95.3	95.3	7.87	7.87	7.88	5.2	5.2	7.1	10.4	10.2	10.8
						0.30	336	15.30	31.64	31.64	8.27	8.27	95.3	95.3	7.87	7.87	7.88	5.2	5.2					
						0.35	358	15.30	31.64	31.64	8.27	8.27	95.4	95.4	7.88	7.88	7.88	5.9	5.9					
					M	0.38	351	15.30	31.64	31.64	8.27	8.27	95.4	95.4	7.88	7.88	7.88	5.9	5.9					
						0.30	348	15.30	31.62	31.62	8.28	8.28	96.5	96.6	7.97	7.98	7.98	10.3	10.3					
						0.29	348	15.30	31.62	31.62	8.28	8.28	96.6	96.6	7.98	7.98	7.98	10.3	10.3					
F6	Rainy	Rough	8:40	12.3	S	0.16	300	15.80	15.80	31.37	31.37	8.15	8.15	93.9	93.9	7.68	7.68	7.68	1.6	1.6	1.9	4.4	4.2	4.7
						0.19	297	15.80	31.37	31.37	8.15	8.15	93.9	93.9	7.68	7.68	7.68	1.6	1.6					
						0.14	310	15.80	31.39	31.39	8.13	8.13	93.7	93.7	7.67	7.67	7.67	1.8	1.9					
					M	0.13	314	15.80	31.39	31.39	8.13	8.13	93.7	93.7	7.67	7.67	7.67	1.9	1.9					
						0.11	301	15.80	31.41	31.41	8.12	8.12	93.5	93.5	7.65	7.65	7.65	2.3	2.4					
						0.11	293	15.80	31.41	31.41	8.12	8.12	93.5	93.5	7.65	7.65	7.65	2.4	2.4					
IM17	Rainy	Rough	9:34	4.3	S	0.42	357	15.80	15.80	30.64	30.64	8.22	8.22	95.1	95.2	7.82	7.82	7.82	2.3	2.4	2.6	6.4	6.0	5.0
						0.41	350	15.80	30.64	30.64	8.22	8.22	95.2	95.2	7.82	7.82	7.82	2.4	2.4					
						0.44	348	15.80	30.66	30.66	8.22	8.22	96.7	96.8	7.96	7.96	7.96	2.7	2.7					
					B	0.4	354	15.80	30.66	30.66	8.22	8.22	96.8	96.8	7.96	7.96	7.96	2.8	2.8					
						0.44	348	15.80	30.66	30.66	8.22	8.22	96.7	96.8	7.96	7.96	7.96	2.7	2.7					
						0.4	354	15.80	30.66	30.66	8.22	8.22	96.8	96.8	7.96	7.96	7.96	2.8	2.8					
IM18	Rainy	Rough	9:43	14.2	S	0.52	346	15.90	15.90	30.59	30.59	8.24	8.24	94.4	94.4	7.75	7.75	7.75	7.4	7.4	3.6	4.3	4.2	4.7
						0.54	341	15.90	30.59	30.59	8.24	8.24	94.3	94.3	7.75	7.75	7.75	7.4	7.4					
						0.51	326	16.20	31.15	31.16	8.25	8.25	93.8	93.8	7.63	7.63	7.63	1.3	1.3					
					M	0.54	332	16.20	31.17	31.17	8.25	8.25	93.8	93.8	7.63	7.63	7.63	1.4	1.4					
						0.51	335	16.20	31.33	31.33	8.26	8.26	94.7	94.8	7.69	7.70	7.70	2.2	2.2					
						0.53	329	16.20	31.33	31.33	8.26	8.26	94.8	94.8	7.70	7.70	7.70	2.2	2.2					
IM19	Rainy	Rough	9:55	15.8	S	0.58	349	16.10	16.05	31.48	31.47	8.25	8.25	94.5	94.5	7.69	7.70	7.70	1.5	1.5	2.4	4.2	4.3	3.9
						0.61	347	16.00	31.45	31.45	8.25	8.25	94.5	94.5	7.70	7.70	7.70	1.4	1.4					
						0.55	333	16.20	31.57	31.57	8.24	8.24	93.2	93.2	7.56	7.56	7.56	3.0	3.0					
					M	0.51	330	16.20	31.57	31.57	8.24	8.24	93.2	93.2	7.56	7.56	7.56	2.9	2.9					
						0.6	329	16.20	31.60	31.60	8.24	8.24	93.4	93.5	7.57	7.58	7.58	2.9	2.9					
						0.57	324	16.20	31.60	31.60	8.24	8.24	93.5	93.5	7.58	7.58	7.58	2.9	2.9					

Remark: \* DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/02/23

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E3	Cloudy	Calm	15:11	18.0	S	0.91	223	15.56	15.56	32.07	32.09	8.08	8.08	97.6	97.6	7.99	7.99	7.98	4.4	4.4	4.6	6.0	6.0	7.1		
						0.91	223	15.56	15.56	32.10	32.10	8.08	8.08	97.6	97.6	7.99	7.99	7.98	4.4	4.4						
						0.68	314	15.55	15.56	32.10	32.10	8.07	8.07	97.2	97.3	7.96	7.97	7.97	4.7	4.6						
					M	0.32	196	15.56	15.56	32.10	32.10	8.07	8.07	97.3	97.3	7.97	7.97	7.97	4.5	4.6		4.6	6.4		6.4	
						0.52	61	15.53	15.53	32.10	32.10	8.04	8.05	97.5	97.3	7.99	7.98	7.98	4.7	4.8		4.8	8.9			8.9
						0.78	291	15.53	15.53	32.10	32.10	8.06	8.05	97.1	97.3	7.96	7.98	7.98	4.9	4.8		4.8	8.9			
IM6	Cloudy	Calm	16:32	17.0	S	0.46	83	16.08	16.08	32.14	32.14	8.15	8.15	98.6	98.7	7.99	8.00	7.95	7.1	7.0	9.6	9.3	9.2	12.5		
						0.46	83	16.08	16.08	32.13	32.12	8.15	8.15	98.8	98.7	7.99	8.00	7.95	6.9	7.0						
						0.42	55	15.40	15.41	32.12	32.12	8.14	8.14	96.2	96.2	7.90	7.90	7.90	10.0	9.9		9.9			13.3	
					M	0.42	55	15.41	15.41	32.12	32.12	8.14	8.14	96.2	96.2	7.90	7.90	7.90	9.7	9.9		9.9	13.1		13.2	
						0.57	234	15.38	15.38	32.12	32.12	8.15	8.15	96.3	96.2	7.91	7.90	7.90	11.7	12.1		12.1	15.1			
						0.57	234	15.38	15.38	32.12	32.12	8.14	8.15	96.0	96.2	7.89	7.90	7.90	12.4	12.1		12.1	15.1			
B	0.71	277	15.77	15.77	32.16	32.16	8.13	8.13	98.2	98.3	8.01	8.02	7.97	6.7	6.8	6.8	6.8	8.8								
	0.71	277	15.77	15.77	32.15	32.16	8.13	8.13	98.4	98.3	8.02	8.02	7.97	6.8	6.8	6.8	8.8									
	0.23	311	15.47	15.47	32.16	32.16	8.13	8.13	96.7	96.7	7.93	7.93	7.93	8.4	8.2	8.2	10.1									
IM7	Cloudy	Calm	16:08	14.0	S	0.17	167	15.47	15.47	32.16	32.16	8.13	8.13	96.7	96.7	7.93	7.93	7.94	8.0	8.2	8.8	10.4	10.3	10.9		
						0.20	345	15.47	15.47	32.16	32.16	8.13	8.13	96.9	96.8	7.95	7.94	7.94	12.1	11.5		11.5			13.5	
						0.20	345	15.47	15.47	32.16	32.16	8.13	8.13	96.7	96.8	7.93	7.94	7.94	10.8	11.5		11.5			14.0	
					M	0.20	345	15.47	15.47	32.16	32.16	8.13	8.13	96.9	96.8	7.95	7.94	7.94	12.1	11.5		11.5	13.5		13.8	
						0.20	345	15.47	15.47	32.16	32.16	8.13	8.13	96.7	96.8	7.93	7.94	7.94	10.8	11.5		11.5	14.0			
						0.20	345	15.47	15.47	32.16	32.16	8.13	8.13	96.7	96.8	7.93	7.94	7.94	10.8	11.5		11.5	14.0			
B	0.20	345	15.47	15.47	32.16	32.16	8.13	8.13	96.7	96.8	7.93	7.94	7.94	10.8	11.5	11.5	14.0									
	0.20	345	15.47	15.47	32.16	32.16	8.13	8.13	96.7	96.8	7.93	7.94	7.94	10.8	11.5	11.5	14.0									
	0.20	345	15.47	15.47	32.16	32.16	8.13	8.13	96.7	96.8	7.93	7.94	7.94	10.8	11.5	11.5	14.0									
IM8	Cloudy	Calm	16:17	16.0	S	0.81	253	15.80	15.81	32.14	32.14	8.14	8.14	98.1	98.2	7.99	8.00	7.95	7.3	7.4	10.6	10.2	10.4	15.1		
						0.62	240	15.81	15.81	32.14	32.14	8.14	8.14	98.3	98.3	8.01	8.01	7.95	7.4	7.4		10.6				
						0.52	347	15.44	15.45	32.15	32.15	8.13	8.13	96.3	96.4	7.90	7.91	7.91	10.4	9.5		9.5			13.8	
					M	0.54	64	15.45	15.45	32.15	32.15	8.13	8.13	96.4	96.4	7.91	7.91	7.91	8.6	9.5		9.5	14.0			
						0.66	230	15.43	15.43	32.14	32.14	8.14	8.14	96.4	96.4	7.91	7.90	7.90	14.4	14.9		14.9	20.8			
						0.66	230	15.42	15.43	32.14	32.14	8.13	8.14	96.1	96.3	7.89	7.90	7.90	15.4	14.9		14.9	21.2			
B	0.66	230	15.42	15.43	32.14	32.14	8.13	8.14	96.1	96.3	7.89	7.90	7.90	15.4	14.9	14.9	21.2									
	0.66	230	15.42	15.43	32.14	32.14	8.13	8.14	96.1	96.3	7.89	7.90	7.90	15.4	14.9	14.9	21.2									
	0.66	230	15.42	15.43	32.14	32.14	8.13	8.14	96.1	96.3	7.89	7.90	7.90	15.4	14.9	14.9	21.2									
IM9	Cloudy	Calm	15:44	16.0	S	0.57	295	15.79	15.79	32.25	32.25	8.14	8.14	98.7	98.7	8.04	8.04	8.02	1.9	2.0	2.2	3.1	3.3	5.0		
						1.16	209	15.78	15.78	32.25	32.25	8.14	8.14	98.7	98.7	8.04	8.04	8.02	2.0	2.0		2.0			3.5	
						0.37	348	15.78	15.78	32.25	32.25	8.15	8.15	98.4	98.2	8.02	8.00	8.00	2.4	2.3		2.3			5.7	
					M	0.63	288	15.78	15.78	32.25	32.25	8.14	8.15	98.0	98.2	7.98	7.98	7.98	2.2	2.3		2.3	5.6			
						0.69	77	15.75	15.75	32.25	32.25	8.15	8.15	98.6	98.4	8.04	8.02	8.02	2.5	2.5		2.5	5.9			
						0.27	217	15.75	15.75	32.25	32.25	8.15	8.15	98.2	98.4	8.00	8.02	8.02	2.4	2.5		2.5	6.1			
B	0.27	217	15.75	15.75	32.25	32.25	8.15	8.15	98.2	98.4	8.00	8.02	8.02	2.4	2.5	2.5	6.1									
	0.27	217	15.75	15.75	32.25	32.25	8.15	8.15	98.2	98.4	8.00	8.02	8.02	2.4	2.5	2.5	6.1									
	0.27	217	15.75	15.75	32.25	32.25	8.15	8.15	98.2	98.4	8.00	8.02	8.02	2.4	2.5	2.5	6.1									

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/23

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F3	Cloudy	Calm	9:10	18.0	S	1.36	275	15.44	15.44	32.14	32.14	8.08	8.08	96.4	96.4	7.91	7.91	7.90	8.1	8.5	10.6	9.9	10.0	13.7
						1.36	275	15.44	32.14	8.08		96.4		7.91		8.9								
						0.98	278	15.46	32.14	8.07		96.1		7.88		10.5								
					M	0.49	268	15.45	32.14	8.07	96.1	7.89	7.89	10.4										
						0.48	295	15.46	32.14	8.06	96.2	7.89	7.89	13.4										
						0.48	295	15.46	32.14	8.06	96.0	7.88	7.89	12.5										
IM6	Cloudy	Calm	9:23	16.0	S	0.67	313	15.46	15.46	32.14	32.14	8.10	8.10	85.8	85.7	7.04	7.03	7.06	7.7	7.8	8.5	10.6	10.9	
						0.79	312	15.46	32.14	8.10		85.6		7.02		7.8								
						0.70	334	15.47	32.13	8.10		86.4		7.09		8.5								
					M	0.31	162	15.46	32.14	8.10	86.2	7.07	7.08	8.9										
						0.77	13	15.47	31.99	8.10	87.2	7.16	7.16	8.7										
						1.11	288	15.47	32.06	8.10	87.2	7.16	7.16	9.4										
IM7	Cloudy	Calm	9:50	13.8	S	0.22	210	15.45	15.45	32.10	32.10	8.09	8.09	96.5	96.6	7.92	7.93	7.91	5.2	5.1	6.0	6.4	6.6	
						0.74	253	15.45	32.10	8.09		96.6		7.93		4.9								
						0.87	216	15.45	32.12	8.08		96.1		7.89		6.0								
					M	0.87	216	15.45	32.11	8.08	96.1	7.89	7.89	5.9										
						0.37	278	15.46	32.12	8.08	96.6	7.93	7.91	7.2										
						1.08	314	15.46	32.12	8.08	96.2	7.89	7.91	6.6										
IM8	Cloudy	Calm	9:40	15.0	S	0.54	49	15.45	15.45	32.11	32.11	8.11	8.11	73.3	73.3	6.02	6.02	6.03	6.4	6.4	6.9	7.6	7.5	
						0.81	314	15.45	32.11	8.11		73.3		6.02		6.3								
						0.32	317	15.45	32.11	8.11		74.4		6.11		6.9								
					M	0.42	73	15.45	32.11	8.11	72.9	5.98	6.05	6.8										
						0.70	263	15.46	32.11	8.12	78.7	6.46	6.38	7.3										
						0.90	342	15.46	32.12	8.11	76.7	6.29	6.38	7.4										
IM9	Cloudy	Calm	10:10	15.8	S	1.24	312	15.57	15.57	32.20	32.20	8.14	8.14	97.7	97.7	7.99	7.99	7.98	4.2	4.3	9.2	8.5	8.7	
						1.24	312	15.56	32.19	8.14		97.6		7.99		4.4								
						1.65	297	15.55	32.19	8.14		97.5		7.98		7.7								
					M	0.90	295	15.55	32.19	8.14	97.4	7.97	7.98	6.5										
						0.90	334	15.55	32.19	8.15	98.0	8.02	8.01	16.5										
						0.55	272	15.55	32.19	8.14	97.6	7.99	8.01	16.1										

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/23

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value
E6	Rainy	Rough	15:08	8.5	S	0.84	0	16.20	16.20	31.29	31.29	8.23	8.23	93.6	93.6	7.61	7.61	7.61	2.9	2.9	4.3	2.4	2.6	4.2
						0.86	354	16.20	16.20	31.29	31.29	8.23	8.23	93.6	93.6	7.61	7.61		3.0	2.9		2.7		
						0.80	349	16.20	16.20	31.32	31.32	8.23	8.23	93.7	93.7	7.61	7.62		3.8	3.8		4.5		
					M	0.79	341	16.20	16.20	31.32	31.32	8.23	8.23	93.7	93.7	7.62	7.62		3.8	3.8		4.9	4.7	
						0.77	334	16.20	16.20	31.32	31.32	8.23	8.23	94.5	94.5	7.68	7.68		6.2	6.2		5.4		
						0.78	339	16.20	16.20	31.32	31.32	8.23	8.23	94.6	94.6	7.69	7.69		6.2	6.2		5.3		
IM17	Rainy	Rough	16:15	5.9	S	0.26	11	15.80	15.80	30.97	30.97	8.25	8.25	94.4	94.4	7.76	7.76	7.76	1.7	1.7	1.6	3.2	3.3	3.9
						0.22	15	15.80	15.80	30.97	30.97	8.25	8.25	94.4	94.4	7.76	7.76		1.7	1.7		3.4		
						0.25	334	15.70	15.70	31.03	31.03	8.25	8.25	94.5	94.6	7.76	7.77		1.6	1.6		4.7		
					B	0.27	340	15.70	15.70	31.03	31.03	8.24	8.25	94.6	94.6	7.77	7.77		1.6	1.6		4.3	4.5	
						0.61	341	15.70	15.70	30.92	30.93	8.24	8.24	94.7	94.7	7.78	7.78		2.2	2.2		5.0		
						0.58	343	15.70	15.70	30.93	30.93	8.24	8.24	94.7	94.7	7.78	7.78		2.2	2.2		5.2		
IM18	Rainy	Rough	15:56	15.1	M	0.64	346	15.70	15.70	31.01	31.01	8.25	8.25	94.8	94.9	7.79	7.80	7.79	1.8	1.9	1.9	4.2	4.1	4.2
						0.65	353	15.70	15.70	31.01	31.01	8.25	8.25	94.9	94.9	7.80	7.80		1.9	1.9		4.0		
						0.70	338	15.70	15.70	31.10	31.10	8.25	8.25	95.5	95.6	7.85	7.86		1.7	1.7		3.4		
					B	0.73	341	15.70	15.70	31.10	31.10	8.25	8.25	95.6	95.6	7.86	7.86		1.8	1.8		3.6	3.5	
						0.67	353	15.80	15.80	30.73	30.73	8.25	8.25	95.3	95.3	7.83	7.83		2.6	2.5		5.4		
						0.70	346	15.80	15.80	30.73	30.73	8.25	8.25	95.2	95.2	7.83	7.83		2.5	2.5		5.0		
IM19	Rainy	Rough	15:45	16.7	S	0.67	353	15.80	15.80	30.73	30.73	8.25	8.25	95.3	95.3	7.83	7.83	7.81	2.6	2.5	2.5	5.4	5.2	3.8
						0.70	346	15.80	15.80	30.73	30.73	8.25	8.25	95.2	95.2	7.83	7.83		2.5	2.5		5.0		
						0.65	330	15.80	15.80	30.97	30.98	8.25	8.25	94.9	94.9	7.79	7.79		3.9	3.9		3.5		
					M	0.66	325	15.80	15.80	30.99	30.99	8.25	8.25	94.9	94.9	7.79	7.79		3.9	3.9		3.2	3.4	
						0.69	1	15.80	15.80	31.15	31.15	8.26	8.26	95.4	95.4	7.82	7.83		1.0	1.0		3.0		
						0.71	2	15.80	15.80	31.15	31.15	8.26	8.26	95.5	95.5	7.83	7.83		1.0	1.0		2.7		

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/23

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E5	Cloudy	Rough	10:39	7.4	S	0.26	347	15.50	15.50	32.08	32.08	8.22	8.22	91.2	91.2	7.06	7.06	7.06	4.6	4.6	5.5	5.6	5.5	6.2
						0.29	348	15.50	32.08	8.22		91.2		7.06		4.6			5.3					
					M	0.33	3	15.50	15.50	32.10	32.10	8.22	8.22	91.3	91.3	7.06	7.06	5.2	5.2	5.2		5.8		
						0.34	357	15.50	32.10	8.22		91.3		7.06		5.2		6.0						
					B	0.26	3	15.50	15.50	32.11	32.11	8.22	8.22	91.7	91.7	7.09	7.10	7.10	6.6	6.6		6.6	7.2	
						0.27	6	15.50	32.11	8.22		91.7		7.10		6.7		7.1						
F6	Cloudy	Rough	10:11	12.5	S	0.34	298	15.50	15.50	32.31	32.31	8.18	8.18	89.4	89.4	6.91	6.91	6.91	3.2	3.2	5.0	5.2	5.6	5.6
						0.36	297	15.50	32.31	8.18		89.4		6.91		3.2			5.1					
					M	0.32	294	15.50	15.50	32.34	32.34	8.18	8.18	89.3	89.3	6.90	6.90	6.90	5.6	5.7		5.6	5.6	
						0.34	293	15.50	32.34	8.18		89.3		6.90		5.7		5.5						
					B	0.33	304	15.50	15.50	32.33	32.33	8.17	8.17	89.4	89.4	6.91	6.91	6.91	6.2	6.2		6.2	5.8	
						0.31	301	15.50	32.33	8.17		89.4		6.91		6.1		6.1						
IM17	Cloudy	Rough	11:06	4.6	S	0.39	348	15.40	15.40	32.01	32.05	8.24	8.24	92.5	92.5	7.17	7.17	7.17	9.5	9.5	9.1	4.3	4.2	4.5
						0.34	343	15.40	32.05	8.24		92.5		7.17		9.6			4.1					
					B	0.39	322	15.40	15.40	32.05	32.05	8.24	8.24	92.6	92.6	7.18	7.18	7.18	8.6	8.7		8.6	4.9	
						0.39	326	15.40	32.05	8.24		92.6		7.18		8.7		4.5						
IM18	Cloudy	Rough	11:21	14.5	S	0.56	347	15.50	15.50	32.01	32.01	8.24	8.24	91.9	91.9	7.12	7.12	7.11	2.6	2.6	3.4	4.8	4.9	5.4
						0.6	342	15.50	32.01	8.24		91.9		7.12		2.6			5.0					
					M	0.55	323	15.50	15.50	32.02	32.02	8.24	8.24	91.6	91.6	7.09	7.09	7.09	3.4	3.4		3.4	5.3	
						0.57	326	15.50	32.02	8.24		91.6		7.09		3.4		5.4						
					B	0.56	341	15.50	15.50	32.02	32.02	8.24	8.24	91.8	91.8	7.11	7.11	7.11	4.2	4.2		4.2	5.9	
						0.57	340	15.50	32.02	8.24		91.8		7.11		4.2		5.8						
IM19	Cloudy	Rough	11:37	16.1	S	0.57	345	15.40	15.40	32.05	32.05	8.24	8.24	92.3	92.3	7.15	7.15	7.16	3.6	3.6	4.3	3.8	4.0	5.3
						0.6	341	15.40	32.05	8.24		92.3		7.15		3.6			4.2					
					M	0.57	346	15.40	15.40	32.05	32.05	8.24	8.24	92.3	92.3	7.16	7.16	7.16	4.1	4.1		4.1	5.3	
						0.59	353	15.40	32.05	8.24		92.3		7.16		4.1		5.4						
					B	0.6	347	15.40	15.40	32.04	32.04	8.24	8.24	92.5	92.6	7.17	7.18	7.18	5.2	5.2		5.2	6.8	
						0.56	351	15.40	32.04	8.24		92.6		7.18		5.2		6.5						

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: 2022/02/25

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E3	Cloudy	Calm	18:05	18.0	S	0.49	84	16.35	16.40	32.06	32.06	8.03	8.03	93.4	93.4	7.53	7.52	7.52	0.9	0.9	1.8	3.0	3.2	3.9
						0.49	84	16.44	32.06	8.03		93.3		7.51		0.8			3.4					
						0.49	308	15.47	32.05	8.04		91.8		7.53		2.3			4.7					
					M	0.38	41	15.47	32.05	8.04	91.6	91.7	7.52	7.53	2.3	2.3	2.3	4.3						
						0.11	241	15.46	32.04	8.04	94.8	94.3	7.78	7.74	2.4	2.4	2.4	4.3						
						0.11	241	15.46	32.04	8.04	93.8	94.3	7.70	7.74	2.3	2.4	2.4	4.2						
IM6	Cloudy	Calm	19:14	17.0	S	0.38	307	15.90	15.90	31.98	31.98	8.16	8.16	100.4	100.6	8.17	8.19	8.09	2.3	2.2	7.6	1.9	2.0	7.7
						0.24	77	15.90	31.98	8.16		100.8		8.21		2.1			2.1					
						0.59	122	15.36	32.05	8.15		97.1		97.2		7.99			7.99			5.0		
					M	0.74	53	15.36	32.05	8.15	97.2	97.2	7.99	7.99	4.2	4.6	4.6	4.4						
						0.09	179	15.39	32.09	8.15	97.1	96.7	7.98	7.95	14.5	15.9	15.9	16.4						
						0.09	179	15.40	32.09	8.15	96.3	96.7	7.91	7.95	17.3	16.1	16.1	16.4						
IM7	Cloudy	Calm	18:50	14.0	S	0.27	255	15.88	15.85	32.00	32.02	8.13	8.13	101.3	101.3	8.25	8.26	8.22	1.1	1.1	3.0	3.7	3.4	6.4
						0.27	255	15.82	32.03	8.13		101.3		8.26		1.0			3.0					
						0.43	49	15.47	32.06	8.14		99.5		99.7		8.17			8.18			2.1		
					M	0.48	246	15.49	32.06	8.14	99.8	99.7	8.19	8.18	1.8	2.0	2.0	3.7						
						0.68	157	15.41	32.08	8.14	99.2	99.0	8.15	8.13	5.7	6.1	6.1	12.0						
						0.14	122	15.41	32.08	8.13	98.7	99.0	8.11	8.13	6.5	6.1	6.1	12.0						
IM8	Cloudy	Calm	18:59	15.0	S	0.47	82	16.36	16.41	32.04	32.04	8.13	8.13	100.8	100.9	8.13	8.13	8.10	2.1	2.1	5.1	3.5	4.0	6.9
						0.67	259	16.45	32.04	8.13		100.9		8.12		2.0			4.5					
						0.15	209	15.38	32.05	8.14		98.2		98.2		8.07			8.07			2.8		
					M	0.31	67	15.38	32.05	8.14	98.2	98.2	8.07	8.07	2.6	2.7	2.7	3.7						
						0.68	121	15.38	32.10	8.13	96.7	96.6	7.95	7.94	9.8	10.5	10.5	13.1						
						0.24	161	15.38	32.10	8.13	96.4	96.6	7.92	7.94	11.2	10.5	10.5	12.4						
IM9	Cloudy	Calm	18:31	16.0	S	1.11	95	16.28	16.28	32.00	32.00	8.09	8.09	101.8	101.8	8.22	8.22	8.21	1.0	1.0	1.8	1.9	2.1	3.0
						0.27	249	16.28	32.00	8.09		101.7		8.22		1.0			2.3					
						0.47	146	15.62	32.03	8.10		100.1		100.2		8.19			8.20			1.8		
					M	0.64	289	15.62	32.03	8.09	100.3	100.3	8.21	8.21	1.7	1.8	1.8	1.8						
						0.21	275	15.55	32.06	8.10	99.6	99.5	8.16	8.15	2.6	2.6	2.6	5.4						
						0.21	154	15.55	32.06	8.09	99.4	99.5	8.14	8.15	2.5	2.6	2.6	4.4						

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: 2022/02/25

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F3	Cloudy	Calm	6:23	18.0	S	0.54	313	15.32	15.32	32.02	32.02	8.03	8.03	97.9	98.0	8.06	8.07	8.04	2.9	2.9	5.4	3.3	3.7	6.7
						0.53	320	15.32	32.02	32.02	8.03	8.03	98.0	98.0	8.07	8.01	8.04	2.8	2.9	4.1				
						0.71	262	15.34	32.03	32.03	8.03	8.03	97.2	97.3	8.00	8.01	8.01	3.9	3.7	4.6				
					M	0.64	331	15.34	32.03	32.03	8.03	8.03	97.4	97.4	8.01	8.01	8.01	3.4	3.7	5.7				
						0.73	110	15.36	32.08	32.08	8.05	8.04	96.8	96.8	7.96	7.96	7.96	9.5	9.6	10.5				
						0.67	266	15.36	32.07	32.08	8.03	8.04	96.7	96.8	7.95	7.96	7.96	9.6	9.6	12.0				
IM6	Cloudy	Calm	6:35	16.0	S	0.72	253	15.50	15.50	32.05	32.06	8.05	8.06	97.5	98.0	8.00	8.04	8.03	3.6	3.2	4.6	6.7	6.4	6.8
						0.72	253	15.49	32.06	32.06	8.06	8.06	98.5	98.0	8.08	8.04	8.04	2.7	3.2	6.0				
						0.59	178	15.38	32.08	32.08	8.04	8.04	97.5	97.5	8.01	8.01	8.01	4.4	4.3	5.6				
					M	0.59	178	15.38	32.08	32.08	8.04	8.04	97.4	97.5	8.01	8.01	8.01	4.2	4.3	4.8				
						0.27	335	15.37	32.10	32.10	8.03	8.03	98.1	97.9	8.06	8.04	8.04	6.0	6.2	9.0				
						0.39	291	15.38	32.10	32.10	8.03	8.03	97.6	97.9	8.02	8.04	8.04	6.4	6.2	8.9				
IM7	Cloudy	Calm	7:00	13.2	S	0.44	117	15.37	15.38	32.05	32.05	8.13	8.13	98.1	98.1	8.07	8.07	8.06	3.4	3.5	3.9	5.8	5.9	5.9
						0.44	117	15.38	32.05	32.05	8.13	8.13	98.1	98.1	8.07	8.07	8.06	3.6	3.5	5.9				
						0.41	17	15.38	32.05	32.05	8.13	8.13	97.9	98.0	8.05	8.06	8.06	3.5	3.6	5.6				
					M	0.41	17	15.38	32.05	32.05	8.13	8.13	98.0	98.0	8.06	8.06	8.06	3.6	3.6	6.0				
						0.21	232	15.40	32.06	32.06	8.13	8.13	98.2	98.0	8.07	8.06	8.06	4.7	4.5	5.7				
						0.68	291	15.40	32.06	32.06	8.13	8.13	97.8	98.0	8.04	8.06	8.06	4.3	4.5	6.2				
IM8	Cloudy	Calm	6:50	15.0	S	0.84	278	15.43	15.43	32.08	32.08	8.10	8.10	98.8	98.8	8.11	8.11	8.07	2.1	2.1	3.9	3.8	3.7	5.9
						0.84	278	15.43	32.08	32.08	8.10	8.10	98.8	98.8	8.11	8.11	8.07	2.0	2.1	3.5				
						0.46	89	15.41	32.11	32.10	8.09	8.09	97.5	97.8	8.01	8.04	8.04	3.3	3.2	5.3				
					M	0.90	121	15.43	32.09	32.10	8.09	8.09	98.1	97.8	8.06	8.04	8.04	3.0	3.2	5.9				
						0.24	284	15.36	32.14	32.14	8.08	8.08	97.0	96.8	7.97	7.95	7.95	6.1	6.4	9.0				
						0.62	346	15.36	32.14	32.14	8.08	8.08	96.5	96.8	7.93	7.95	7.95	6.6	6.4	7.6				
IM9	Cloudy	Calm	7:20	15.0	S	0.61	253	15.48	15.48	32.07	32.07	8.16	8.16	98.4	98.4	8.07	8.07	8.07	3.1	3.1	4.1	4.6	5.1	6.8
						0.61	253	15.48	32.07	32.07	8.16	8.16	98.3	98.4	8.06	8.07	8.07	3.1	3.1	5.6				
						0.75	44	15.50	32.07	32.07	8.16	8.16	98.5	98.5	8.08	8.08	8.08	3.3	3.3	6.0				
					M	0.79	196	15.50	32.07	32.07	8.16	8.16	98.4	98.4	8.07	8.07	8.07	3.3	3.3	7.0				
						0.56	129	15.55	32.10	32.10	8.16	8.16	99.2	99.0	8.13	8.11	8.11	5.8	5.8	8.3				
						0.56	129	15.55	32.10	32.10	8.16	8.16	98.8	99.0	8.09	8.11	8.11	5.7	5.8	9.0				

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: 2022/02/25

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
E6	Fine	Rough	19:40	8.2	S	0.33	150	15.50	15.50	32.10	32.00	8.30	8.30	94.0	93.9	7.70	7.70	7.60	3.4	3.2	4.9	1.7	0.9	1.0			
						0.34	147	15.50	15.50	31.90	32.00	8.30	8.30	93.8	93.9	7.70	7.70	7.60	3.0	3.2		<1.0					
					M	0.33	151	15.50	15.50	31.90	32.00	8.20	8.20	91.0	91.0	7.50	7.50	7.50	7.50	7.50		4.0			3.9	1.5	
						0.34	153	15.50	15.50	32.10	32.00	8.20	8.20	90.9	90.9	7.50	7.50	7.50	7.50	7.50		4.0			3.9	1.4	
					B	0.30	167	15.30	15.30	32.00	31.90	8.20	8.20	93.8	93.9	7.70	7.70	7.70	7.70	7.70		7.70			7.5	7.7	1.1
						0.35	160	15.30	15.30	31.80	31.90	8.20	8.20	94.0	93.9	7.70	7.70	7.70	7.70	7.70		7.5			7.7	<1.0	
IM17	Fine	Rough	21:08	4.4	S	0.14	352	15.50	15.50	32.40	32.45	8.30	8.30	90.5	90.4	9.00	8.20	8.20	8.20	0.8	0.8	1.4	<1.0	0.6	1.3		
						0.11	358	15.50	15.50	32.50	32.45	8.30	8.30	90.3	90.4	7.40	8.20	8.20	8.20	0.7	0.8		1.2				
					B	0.15	23	15.40	15.40	32.40	32.40	8.20	8.20	85.9	85.7	7.00	7.00	7.00	7.00	7.00	1.9		2.0			2.4	
						0.16	19	15.40	15.40	32.40	32.40	8.20	8.20	85.4	85.7	7.00	7.00	7.00	7.00	7.00	2.1		2.0			1.6	
IM18	Fine	Rough	20:58	13.2	S	0.12	180	15.50	15.50	31.90	31.95	8.30	8.30	91.4	91.4	7.50	7.50	7.50	2.3	2.5	2.2	1.2	0.5	0.9			
						0.15	184	15.50	15.50	32.00	31.95	8.30	8.30	91.3	91.4	7.50	7.50	7.50	2.7	2.5		1.1					
					M	0.12	196	15.50	15.50	32.20	32.15	8.20	8.20	91.8	91.7	7.50	7.50	7.50	7.50	7.50		3.1			3.0	<1.0	
						0.10	198	15.50	15.50	32.10	32.15	8.20	8.20	91.6	91.7	7.50	7.50	7.50	7.50	7.50		2.8			3.0	1.0	
					B	0.12	191	15.50	15.50	32.30	32.25	8.20	8.20	91.7	91.8	7.50	7.50	7.50	7.50	7.50		0.9			1.0	1.0	
						0.15	188	15.50	15.50	32.20	32.25	8.20	8.20	91.8	91.8	7.50	7.50	7.50	7.50	7.50		1.1			1.0	1.0	
IM19	Fine	Rough	20:44	15.1	S	0.11	179	15.50	15.50	32.00	31.95	8.20	8.20	93.9	94.0	7.70	7.70	7.60	2.0	2.0	2.5	<1.0	0.5	1.1			
						0.16	183	15.50	15.50	31.90	31.95	8.20	8.20	94.0	94.0	7.70	7.70	7.60	2.0	2.0		1.0					
					M	0.09	153	15.50	15.50	32.10	32.05	8.30	8.30	91.9	91.7	7.50	7.50	7.50	7.50	7.50		1.2			1.4	1.5	
						0.13	152	15.50	15.50	32.00	32.05	8.30	8.30	91.5	91.7	7.50	7.50	7.50	7.50	7.50		1.6			1.4	1.0	
					B	0.12	192	15.40	15.40	32.10	32.00	8.20	8.20	93.4	93.5	7.70	7.70	7.70	7.70	7.70		4.1			4.2	1.2	
						0.14	198	15.40	15.40	31.90	32.00	8.20	8.20	93.6	93.5	7.70	7.70	7.70	7.70	7.70		4.2			4.2	1.6	

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/25

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E5	Fine	Rough	6:43	7.3	S	0.02	113	15.40	15.40	32.00	32.00	8.20	8.20	92.6	92.5	7.60	7.60	7.63	4.9	5.1	5.2	<1.0	0.6	0.4
						0.06	109	15.40	15.40	32.00	32.00	8.20	8.20	92.4	92.5	7.60	7.60	7.63	5.2	5.1		<1.0		
					M	0.03	123	15.50	15.50	32.20	32.10	8.10	8.10	93.6	93.4	7.70	7.65	7.63	4.7	4.6		<1.0		
						0.03	122	15.50	15.50	32.00	32.10	8.10	8.10	93.2	93.4	7.60	7.65	7.63	4.4	4.6		1.4		
					B	0.02	110	15.50	15.50	32.00	32.05	8.10	8.10	90.7	90.7	7.40	7.40	7.40	5.7	5.9		<1.0		
						0.01	112	15.50	15.50	32.10	32.05	8.10	8.10	90.7	90.7	7.40	7.40	7.40	6.0	5.9		<1.0		
F6	Fine	Rough	6:18	12.8	S	0.3	297	15.60	15.60	32.30	32.40	8.20	8.20	90.4	90.4	7.40	7.40	7.30	3.7	3.7	4.6	1.2	1.1	0.8
						0.29	296	15.60	15.60	32.50	32.40	8.20	8.20	90.3	90.4	7.40	7.40	7.30	3.6	3.7		1.0		
					M	0.26	305	15.40	15.40	32.50	32.45	8.10	8.10	87.8	87.7	7.20	7.20	7.20	5.4	5.2		<1.0		
						0.3	301	15.40	15.40	32.40	32.45	8.10	8.10	87.6	87.7	7.20	7.20	7.20	4.9	5.2		1.2		
					B	0.26	320	15.40	15.40	32.30	32.35	8.10	8.10	87.7	87.9	7.20	7.20	7.20	4.8	5.1		<1.0		
						0.3	326	15.40	15.40	32.40	32.35	8.10	8.10	88.0	87.9	7.20	7.20	7.20	5.3	5.1		1.2		
IM17	Fine	Rough	7:09	4.8	S	0.05	181	15.30	15.30	31.90	32.00	8.30	8.30	91.9	92.1	7.60	7.60	7.60	8.9	8.8	8.2	1.1	1.3	1.3
						0.02	182	15.30	15.30	32.10	32.00	8.30	8.30	92.2	92.1	7.60	7.60	7.60	8.6	8.8		1.4		
					B	0.12	171	15.40	15.40	32.10	32.10	8.40	8.40	93.2	93.2	7.70	7.65	7.65	7.5	7.6		1.1		
						0.11	178	15.40	15.40	32.10	32.10	8.40	8.40	93.1	93.2	7.60	7.65	7.65	7.7	7.6		1.6		
					S	0.22	333	15.50	15.50	32.10	32.00	8.20	8.20	92.6	92.5	7.60	7.60	7.60	2.2	2.2		1.1		
						0.26	330	15.50	15.50	31.90	32.00	8.20	8.20	92.4	92.5	7.60	7.60	7.60	2.1	2.2		<1.0		
IM18	Fine	Rough	7:27	14.6	S	0.22	333	15.50	15.50	32.10	32.00	8.20	8.20	92.6	92.5	7.60	7.60	7.45	2.2	2.2	3.4	1.1	1.6	1.1
						0.26	330	15.50	15.50	31.90	32.00	8.20	8.20	92.4	92.5	7.60	7.60	7.45	2.1	2.2		<1.0		
					M	0.23	342	15.60	15.60	32.10	32.10	8.30	8.30	89.0	89.2	7.30	7.30	7.30	3.9	3.8		1.5		
						0.22	341	15.60	15.60	32.10	32.10	8.30	8.30	89.4	89.2	7.30	7.30	7.30	3.7	3.8		1.7		
					B	0.17	349	15.40	15.40	31.90	31.95	8.20	8.20	89.7	89.7	7.30	7.35	7.35	4.3	4.4		1.2		
						0.2	344	15.40	15.40	32.00	31.95	8.20	8.20	89.6	89.7	7.40	7.35	7.35	4.4	4.4		1.2		
IM19	Fine	Rough	7:46	15.7	S	0.15	336	15.30	15.30	32.20	32.10	8.40	8.40	93.3	93.2	7.70	7.70	7.63	3.0	3.0	3.8	1.1	1.2	1.1
						0.2	334	15.30	15.30	32.00	32.10	8.40	8.40	93.1	93.2	7.70	7.70	7.63	3.0	3.0		1.2		
					M	0.21	358	15.30	15.30	32.10	32.10	8.20	8.20	91.8	91.6	7.60	7.55	7.55	3.3	3.4		1.3		
						0.24	358	15.30	15.30	32.10	32.10	8.20	8.20	91.4	91.6	7.50	7.55	7.55	3.4	3.4		<1.0		
					B	0.18	333	15.50	15.50	32.00	32.05	8.20	8.20	93.0	93.3	7.70	7.70	7.70	5.4	5.2		1.4		
						0.17	336	15.50	15.50	32.10	32.05	8.20	8.20	93.5	93.3	7.70	7.70	7.70	4.9	5.2		1.4		

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: 2022/02/28

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E2	FINE	Calm	10:09	9.1	S	0.88	241	16.47	16.47	32.03	32.03	8.08	8.08	107.3	107.4	8.64	8.65	8.60	2.3	2.3	2.9	6.1	5.7	5.0
						0.88	241	16.46	16.47	32.03	32.03	8.08	8.08	107.5	107.4	8.65	8.65		2.3	2.3				
					M	0.46	196	16.46	16.46	32.03	32.03	8.08	8.08	105.9	106.4	8.52	8.56	8.60	2.6	2.5	2.9	4.6	4.5	
						0.7	285	16.46	16.46	32.03	32.03	8.08	8.08	106.8	106.4	8.60	8.56		2.3	2.5		4.3		
					B	0.63	172	16.42	16.43	32.03	32.03	8.08	8.08	103.9	104.5	8.37	8.42	8.42	3.7	4.1	2.9	4.5	4.9	
						0.37	172	16.43	16.43	32.03	32.03	8.08	8.08	105.0	104.5	8.46	8.42		4.4	4.1		5.2		
IM3	FINE	Calm	9:23	15	S	1.16	235	16.56	16.57	32.05	32.06	8.03	8.03	107.3	107.5	8.62	8.64	8.56	1.2	1.2	1.5	4.0	4.2	4.2
						1.16	235	16.58	16.57	32.06	32.06	8.03	8.03	107.7	107.5	8.65	8.64		1.2	1.2		4.4		
					M	0.3	157	16.46	16.46	32.06	32.06	8.02	8.02	105.3	105.6	8.47	8.49	8.35	1.5	1.6	1.5	4.6	4.3	
						0.7	319	16.46	16.46	32.06	32.06	8.02	8.02	105.8	105.6	8.51	8.49		1.6	1.6		3.9		
					B	0.48	341	16.40	16.40	32.06	32.06	8.02	8.02	103.4	103.7	8.33	8.35	8.35	1.8	1.8	1.5	4.8	4.3	
						0.34	355	16.40	16.40	32.06	32.06	8.01	8.02	103.9	103.7	8.37	8.35		1.7	1.8		3.7		
IM4	FINE	Calm	9:43	17.1	S	0.62	288	16.24	16.25	31.99	31.99	8.05	8.06	102.3	102.7	8.27	8.30	8.25	1.5	1.4	2.1	3.7	3.2	4.4
						0.62	288	16.25	16.25	31.98	31.99	8.06	8.06	103.0	102.7	8.33	8.30		1.3	1.4		2.7		
					M	0.49	223	16.14	16.14	31.99	31.99	8.05	8.05	101.0	101.1	8.18	8.19	8.16	2.0	2.0	2.1	4.0	3.8	
						0.61	166	16.14	16.14	31.99	31.99	8.04	8.05	101.2	101.1	8.20	8.19		2.0	2.0		3.6		
					B	0.69	321	16.13	16.13	32.00	32.00	8.05	8.05	100.7	100.7	8.16	8.16	8.16	2.9	2.9	2.1	6.7	6.3	
						0.6	196	16.13	16.13	32.00	32.00	8.05	8.05	100.6	100.7	8.15	8.16		2.9	2.9		5.8		
IM5	FINE	Calm	10:31	16	S	0.79	278	15.88	15.89	31.93	31.93	8.07	8.07	100.8	100.8	8.21	8.21	8.18	5.1	5.0	9.3	7.7	7.4	8.9
						0.79	278	15.89	15.89	31.93	31.93	8.07	8.07	100.8	100.8	8.21	8.21		4.8	5.0		7.0		
					M	0.44	43	15.81	15.81	31.93	31.93	8.07	8.07	99.8	99.9	8.14	8.15	8.10	6.9	6.5	9.3	9.8	9.7	
						0.52	252	15.81	15.81	31.93	31.93	8.07	8.07	100.0	99.9	8.16	8.15		6.0	6.5		9.6		
					B	0.38	349	15.81	15.81	31.93	31.93	8.08	8.08	99.2	99.3	8.09	8.10	8.10	15.2	16.4	9.3	9.2	9.7	
						0.38	349	15.80	15.81	31.93	31.93	8.08	8.08	99.4	99.3	8.11	8.10		17.5	16.4		10.2		
IM6	FINE	Calm	10:45	16	S	0.29	233	15.84	15.84	31.92	31.92	8.08	8.08	100.1	100.3	8.16	8.18	8.15	1.8	1.8	2.3	3.1	2.7	3.7
						0.29	233	15.83	15.84	31.92	31.92	8.08	8.08	100.4	100.3	8.19	8.18		1.8	1.8		2.2		
					M	0.5	61	15.78	15.78	31.92	31.92	8.08	8.08	99.6	99.6	8.13	8.13	8.11	2.7	2.8	2.3	4.5	4.4	
						0.91	129	15.77	15.78	31.92	31.92	8.08	8.08	99.6	99.6	8.13	8.13		2.8	2.8		4.2		
					B	1.04	72	15.77	15.77	31.92	31.92	8.08	8.08	99.6	99.4	8.13	8.11	8.11	2.3	2.4	2.3	4.5	4.1	
						1.04	72	15.76	15.77	31.92	31.92	8.08	8.08	99.1	99.4	8.09	8.11		2.4	2.4		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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/28

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F2	Fine	Calm	16:34	20	S	0.64	312	16.02	16.02	31.86	31.86	8.04	8.04	103.5	103.8	8.41	8.43	8.35	0.9	1.0	2.0	1.4	1.7	3.3
						0.64	312	16.02	16.02	31.86	31.86	8.04	8.04	104.0	103.8	8.45	8.43	8.35	1.0	1.0		2.0		
						0.42	45	16.01	16.01	31.89	31.90	8.03	8.03	101.3	101.7	8.23	8.26	8.26	1.0	1.0		2.0		
					0.83	299	16.01	16.00	31.90	31.98	8.03	8.01	102.0	100.1	8.29	8.29	8.09	1.0	1.0	2.8				
					0.71	203	16.00	16.00	31.98	31.98	8.01	8.01	100.1	99.6	8.13	8.09	8.09	3.8	4.0	5.8				
					0.23	222	15.99	16.00	31.98	31.98	8.01	8.01	99.1	99.6	8.05	8.09	8.09	4.1	4.0	5.9				
F3	Fine	Calm	15:09	18	S	0.29	155	16.15	16.15	31.89	31.89	8.03	8.03	102.8	103.0	8.33	8.35	8.29	0.9	0.9	1.7	2.4	2.6	3.6
						0.29	155	16.15	16.10	31.89	31.89	8.03	8.03	103.1	101.6	8.36	8.24	8.24	0.8	1.0		2.7		
						0.40	269	16.10	16.10	31.89	31.89	8.03	8.03	101.1	101.6	8.20	8.24	8.24	1.0	1.0		2.5		
					0.27	151	16.10	15.86	31.89	31.89	8.03	8.02	102.1	99.3	8.28	8.09	8.09	0.9	1.0	3.0				
					0.72	21	15.86	15.86	31.89	31.89	8.02	8.02	99.1	99.3	8.08	8.09	8.09	3.0	3.2	5.2				
					0.49	146	15.86	16.45	31.89	31.94	8.02	8.07	99.4	108.1	8.10	8.71	8.71	3.3	0.8	6.0				
IM3	Fine	Calm	16:58	16.2	S	0.59	322	16.45	16.45	31.93	31.94	8.07	8.07	107.9	108.1	8.69	8.71	8.65	0.8	0.8	2.3	3.1	3.2	4.2
						0.90	285	16.45	16.45	31.94	31.96	8.07	8.06	108.3	106.7	8.72	8.59	8.59	0.7	1.4		3.2		
						0.93	258	16.45	16.45	31.96	31.96	8.06	8.06	106.2	107.2	8.55	8.63	8.63	1.3	1.5		4.1		
					0.85	164	16.43	16.43	32.01	32.01	8.05	8.05	104.1	104.4	8.39	8.41	8.41	4.7	4.8	6.1				
					0.12	279	16.43	16.43	32.01	32.01	8.04	8.05	104.6	104.4	8.43	8.41	8.41	4.8	4.8	5.8				
					1.16	245	16.87	16.88	32.00	32.00	8.09	8.09	111.3	112.2	8.89	8.96	8.96	1.3	1.3	2.6				
IM4	Fine	Calm	16:00	17.1	S	0.69	237	16.89	16.88	32.00	32.00	8.09	8.09	113.1	112.2	9.03	8.96	8.76	1.2	1.3	1.9	2.8	2.7	4.1
						1.45	331	16.59	16.57	31.97	31.98	8.07	8.07	106.0	106.5	8.51	8.56	8.56	1.1	1.2		3.6		
						0.70	237	16.54	16.57	31.98	31.98	8.07	8.07	107.0	106.5	8.60	8.56	8.56	1.2	1.2		3.7		
					0.49	304	16.27	16.27	31.96	31.96	8.08	8.07	104.3	103.9	8.43	8.40	8.40	3.1	3.4	5.8				
					0.87	333	16.27	16.27	31.96	31.96	8.06	8.07	103.4	103.9	8.36	8.40	8.40	3.6	3.4	6.1				
					1.10	255	16.19	16.19	31.92	31.92	8.04	8.04	100.7	101.0	8.15	8.18	8.18	3.1	3.1	5.7				
IM5	Fine	Calm	15:39	16	S	1.10	255	16.19	16.19	31.91	31.92	8.04	8.04	101.3	101.0	8.20	8.18	8.11	3.1	3.1	5.9	5.5	5.6	9.1
						1.28	98	16.02	15.99	31.92	31.91	8.03	8.03	98.5	98.9	8.00	8.04	8.04	4.1	3.9		7.4		
						0.88	23	15.95	15.99	31.90	31.92	8.03	8.03	99.3	98.9	8.08	8.04	8.04	3.7	3.9		6.8		
					0.50	277	15.86	15.86	31.92	31.92	8.01	8.01	97.9	98.0	7.98	7.99	7.99	10.6	10.7	15.3				
					0.85	99	15.86	15.86	31.91	31.92	8.01	8.01	98.0	98.0	7.99	7.99	7.99	10.7	10.7	14.1				
					0.20	130	16.05	16.06	31.92	31.92	8.03	8.03	100.3	100.6	8.14	8.17	8.17	2.2	2.2	4.0				
IM6	Fine	Calm	15:24	17	S	0.20	130	16.06	16.06	31.91	31.92	8.03	8.03	100.9	100.6	8.19	8.17	8.11	2.2	2.2	2.9	5.2	4.6	5.1
						0.39	276	15.92	15.92	31.91	31.91	8.03	8.03	98.8	99.0	8.04	8.06	8.06	2.2	2.1		4.1		
						0.16	354	15.92	15.92	31.91	31.91	8.03	8.03	99.1	99.0	8.07	8.06	8.06	1.9	2.1		4.5		
					0.29	305	15.79	15.79	31.92	31.92	8.02	8.02	98.3	98.2	8.02	8.01	8.01	4.4	4.4	6.6				
					0.69	302	15.79	15.79	31.91	31.92	8.02	8.02	98.0	98.2	8.00	8.01	8.01	4.3	4.4	6.3				
					0.20	130	16.05	16.06	31.92	31.92	8.03	8.03	100.3	100.6	8.14	8.17	8.17	2.2	2.2	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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/28

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
E3	FINE	Calm	11:56	17.0	S	0.74	157	16.55	16.56	28.45	28.40	8.12	8.12	105.5	106.1	8.66	8.72	8.50	1.5	1.6	2.6	2.9	3.2	4.6			
						0.74	157	16.56		28.35		8.12		106.7		8.77			1.7			3.4					
					M	0.25	150	16.23	16.24	31.39	31.39	8.10	8.10	102.0	102.2	8.28	8.29	2.7	2.7	2.6		2.7	4.4		4.6		
						0.25	150	16.24		31.39		8.09		102.3		8.30		2.6		4.8							
					B	0.22	181	16.31	16.31	31.82	31.82	8.09	8.09	101.7	101.6	8.22	8.21	8.21	3.5	3.5		3.4	3.5		6.1	5.9	
						0.58	134	16.31		31.82		8.09		101.5		8.20		3.4	5.7								
IM6	FINE	Calm	10:45	16.0	S	0.29	233	15.84	15.84	31.92	31.92	8.08	8.08	100.1	100.3	8.16	8.18	8.15	1.8	1.8	2.3	3.1	2.7	3.7			
						0.29	233	15.83		31.92		8.08		100.4		8.19			2.2			3.6					
					M	0.50	61	15.78	15.78	31.92	31.92	8.08	8.08	99.6	99.6	8.13	8.13		8.11	2.7		2.8	2.7		2.8	4.5	4.4
						0.91	129	15.77		31.92		8.08		99.6		8.13			2.8	4.2							
					B	1.04	72	15.77	15.77	31.92	31.92	8.08	8.08	99.6	99.4	8.13	8.11		8.11	2.3		2.4	2.3		2.4	4.5	4.1
						1.04	72	15.76		31.92		8.08		99.1		8.09			2.4	3.6							
IM7	FINE	Calm	11:10	13.0	S	0.90	341	15.91	15.92	31.88	31.88	8.09	8.09	101.2	101.2	8.24	8.24	8.23	1.9	1.9	2.0	2.6	2.5	3.0			
						0.90	341	15.93		31.88		8.09		101.2		8.24			1.9			2.4					
					M	0.83	357	15.80	15.80	31.88	31.88	8.10	8.10	100.7	100.8	8.22	8.23		8.23	1.7		1.9	1.7		1.9	2.2	2.2
						0.39	262	15.79		31.88		8.09		100.8		8.23			2.0	2.2							
					B	0.71	3	15.78	15.79	31.88	31.88	8.10	8.10	100.5	100.5	8.21	8.21		8.21	2.2		2.3	2.2		2.3	4.2	4.2
						1.23	128	15.79		31.88		8.10		100.5		8.20			2.3	4.2							
IM8	FINE	Calm	11:01	15.0	S	0.76	245	15.89	15.89	31.87	31.87	8.08	8.08	101.3	101.4	8.25	8.26	8.23	1.6	1.6	1.9	3.6	3.6	4.2			
						0.76	245	15.88		31.87		8.08		101.4		8.26			1.6			3.5					
					M	0.28	262	15.78	15.79	31.87	31.87	8.08	8.08	100.5	100.5	8.21	8.21		8.21	1.8		1.8	1.8		1.8	4.2	4.5
						0.74	113	15.79		31.87		8.08		100.4		8.20			1.7	4.7							
					B	0.18	81	15.74	15.74	31.88	31.88	8.09	8.09	100.0	99.9	8.17	8.16		8.16	2.3		2.4	2.3		2.4	4.6	4.5
						0.18	81	15.74		31.88		8.08		99.8		8.15			2.4	4.4							
IM9	FINE	Calm	11:30	15.0	S	0.50	188	16.37	16.37	31.71	31.71	8.09	8.09	102.9	103.0	8.31	8.32	8.29	2.4	2.4	2.7	3.9	4.3	4.1			
						0.50	188	16.37		31.71		8.09		103.0		8.32			2.4			4.6					
					M	0.36	65	16.06	16.06	31.77	31.78	8.10	8.10	101.6	101.6	8.26	8.26		8.26	2.4		2.4	2.4		2.4	4.2	4.2
						0.49	131	16.05		31.78		8.09		101.6		8.26			2.4	4.1							
					B	0.57	282	15.93	15.93	31.83	31.83	8.10	8.10	100.7	100.7	8.20	8.20		8.20	3.3		3.4	3.3		3.4	3.9	3.8
						0.89	282	15.93		31.83		8.10		100.7		8.20			3.4	3.7							

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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/28

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (oC)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
F3	Fine	Calm	15:09	18.0	S	0.29	155	16.15	16.15	31.89	31.89	8.03	8.03	102.8	103.0	8.33	8.35	8.29	0.9	0.9	1.7	2.4	2.6	3.6			
						0.29	155	16.15	31.89	8.03		103.1	8.36	0.8	2.7												
						0.40	269	16.10	31.89	8.03		101.6	8.20	1.0	2.5												
					M	0.27	151	16.10	31.89	8.03	102.1	8.28	0.9	3.0	8.24	8.24	8.24	8.24	8.24	8.24	8.24	8.24	8.24	8.24	8.24	8.24	8.24
						0.72	21	15.86	31.89	8.02	99.1	8.08	3.0	5.2													
						0.49	146	15.86	31.89	8.02	99.4	8.10	3.3	6.0													
IM6	Fine	Calm	15:24	17.0	S	0.20	130	16.05	16.06	31.92	31.92	8.03	8.03	100.3	100.6	8.14	8.17	8.11	2.2	2.2	2.9	4.0	4.6	5.1			
						0.20	130	16.06	31.91	8.03		100.9	8.19	2.2	5.2												
						0.39	276	15.92	31.91	8.03		98.8	8.04	2.2	4.1												
					M	0.16	354	15.92	31.91	8.03	99.0	8.07	1.9	4.5	8.06	8.06	8.06	8.06	8.06	8.06	8.06	8.06	8.06	8.06	8.06	8.06	
						0.29	305	15.79	31.92	8.02	98.3	8.02	4.4	6.6													
						0.69	302	15.79	31.91	8.02	98.0	8.00	4.3	6.3													
IM7	Fine	Calm	14:36	13.0	S	0.81	221	16.17	16.17	31.87	31.87	8.01	8.01	101.8	101.8	8.25	8.25	8.23	2.4	2.4	2.9	5.3	5.1	4.4			
						1.46	233	16.17	31.87	8.01		101.8	8.25	2.4	4.9												
						0.34	312	16.14	31.87	8.02		101.1	8.20	2.8	4.3												
					M	0.14	129	16.12	31.88	8.01	101.4	8.22	2.7	3.4	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	
						0.35	251	15.99	31.88	8.05	99.5	8.09	3.5	4.0													
						0.94	329	16.00	31.88	8.02	100.1	8.14	3.3	4.3													
IM8	Fine	Calm	14:48	15.0	S	0.80	322	16.02	16.03	31.87	31.87	8.02	8.02	101.3	101.5	8.23	8.25	8.21	1.3	1.3	2.0	3.2	3.2	3.9			
						0.80	322	16.03	31.87	8.02		101.6	8.26	1.3	3.2												
						0.55	270	15.97	31.87	8.02		100.0	8.13	1.5	2.7												
					M	0.55	270	15.97	31.87	8.02	100.8	8.20	1.5	3.6	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	
						0.38	291	15.87	31.90	8.02	99.1	8.08	3.1	5.1													
						0.38	291	15.87	31.90	8.02	99.2	8.08	3.0	5.3													
IM9	Fine	Calm	14:10	15.0	S	0.47	313	17.08	17.08	29.19	29.18	8.01	8.02	104.0	105.5	8.41	8.53	8.41	1.5	1.6	2.1	2.9	2.6	3.5			
						0.47	313	17.08	29.17	8.02		106.9	8.65	1.6	2.2												
						0.39	180	16.24	31.72	7.98		102.3	8.29	2.2	3.9												
					M	0.44	254	16.30	31.66	7.98	102.6	8.30	2.2	3.2	8.25	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30
						0.22	277	16.00	31.81	7.99	101.4	8.25	2.6	4.4													
						0.09	34	16.01	31.81	7.99	101.5	8.25	2.2	4.2													

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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/02/28

Tide: Mid-Ebb

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)			Suspended Solids (mg/L)							
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*					
E7A	Fine	Rough	13:31	5.0	S	0.1	191	15.5	15.5	32.1	32.0	8.3	8.3	94.0	93.9	7.70	7.70	7.60	3.4	3.2	4.9	2.9	2.6	2.8					
						0.2	187	15.5		31.9		8.3		93.8		7.70		3.0	2.3										
					B	0.1	201	15.3	15.3	32.0	31.9	8.2	8.2	93.8	93.9	7.70	7.70	7.70	7.8	7.7	7.5	7.5	2.4	2.9	2.4				
						0.1	202	15.3		31.8		8.2		94.0		7.70		3.0	2.2										
IM19	Fine	Rough	11:47	15.3	S	0.0	222	15.3	15.3	32.2	32.1	8.4	8.4	93.3	93.2	7.70	7.70	7.63	3.0	3.0	3.8	3.2	2.7	3.4					
						0.1	215	15.3		32.0		8.4		93.1		7.70			3.0			3.2							
					M	0.0	214	15.3	15.3	32.1	32.1	8.2	8.2	91.8	91.6	7.60	7.55	7.63	3.3	3.4	4.2	3.7	3.8	3.1	3.8	3.4			
						0.0	209	15.3		32.1		8.2		91.4		7.50			3.4		4.2								
					B	0.1	206	15.5	15.5	32.0	32.1	8.2	8.2	93.0	93.3	7.70	7.70	7.70	5.4	5.2	4.2	3.8	3.4	3.8	4.2	3.8	3.4		
						0.1	204	15.5		32.1		8.2		93.5		7.70			4.9		3.4								
					IM20A	Fine	Rough	12:32	5.3	S	0.1	235	15.3	15.3	31.8	31.8	8.1	8.1	89.6	89.8	13.10	10.25	10.25	3.6	3.7	4.1	4.9	5.0	4.2
											0.1	234	15.3		31.8		8.1		90.0		7.40		3.8	5.0					
B	0.1	253	15.5	15.5						31.9	31.9	8.2	8.2	92.9	92.9	7.70	7.65	7.65	4.6	4.4	4.2	3.4	4.2	3.6	3.4	3.4			
	0.1	248	15.5							31.8		8.2		92.9		7.60			4.2		3.6								
IM21A	Fine	Rough	12:09	5.3	S	0.3	206	15.4	15.4	32.1	32.1	8.2	8.2	95.1	95.0	7.80	7.80	7.80	3.5	3.7	4.2	2.3	2.8	2.6					
						0.2	205	15.4		32.0		8.2		94.8		7.80		3.9	2.3										
					B	0.2	200	15.4	15.4	32.0	32.0	8.4	8.4	90.9	91.0	7.50	7.50	7.50	4.8	4.8	2.5	2.4	2.6	2.5	2.4				
						0.2	202	15.4		31.9		8.4		91.1		7.50			4.7		2.2								
IM22A	Fine	Rough	11:57	5.6	S	0.6	204	15.4	15.4	32.0	32.1	8.3	8.3	94.7	94.6	7.80	7.80	7.80	3.5	3.5	5.2	1.5	1.7	2.4					
						0.6	207	15.4		32.1		8.3		94.5		7.80		3.4	1.9										
					B	0.6	204	15.3	15.3	32.1	32.1	8.2	8.2	92.1	91.9	7.60	7.55	7.55	7.1	6.9	3.4	3.1	2.7	3.1	2.7				
						0.6	200	15.3		32.0		8.2		91.7		7.50			6.7		2.7								

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: 2022/02/28

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
						Velocity (m/s)	Direction	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F6	Fine	Rough	15:32	12.6	S	0.86	123	15.6	15.60	32.3	32.40	8.2	8.20	90.4	90.4	7.4	7.40	7.30	3.7	3.7	4.6	3.2	2.8	3.1
						0.84	121	15.6	15.60	32.5	32.40	8.2	8.20	90.3	90.4	7.4	7.40		3.6	3.7		2.3	2.8	
						0.89	138	15.4	15.40	32.5	32.45	8.1	8.10	87.8	87.7	7.2	7.20		5.4	5.2		3.4		
					M	0.92	145	15.4	15.40	32.4	32.45	8.1	8.10	87.6	87.7	7.2	7.20	4.9	4.9	7.20	4.8	5.1	3.5	3.2
						0.91	135	15.4	15.40	32.3	32.35	8.1	8.10	87.7	87.9	7.2	7.20	4.8	5.1		3.2			
						0.94	140	15.4	15.40	32.4	32.35	8.1	8.10	88	87.9	7.2	7.20	5.3	5.1		3.1			
IM19	Fine	Rough	16:41	15.3	S	1.36	171.00	15.50	15.50	32.00	31.95	8.20	8.20	93.9	94.0	7.70	7.70	7.60	2.0	2.0	2.5	3.1	2.9	2.8
						1.38	175.00	15.50	15.50	31.90	32.00	8.20	8.20	94.0	94.0	7.70	7.70		2.0	2.0		2.6		
						1.32	152.00	15.50	15.50	32.10	32.05	8.30	8.30	91.9	91.7	7.50	7.50		1.2	1.4		3.2		
					M	1.36	148.00	15.50	15.50	32.00	32.05	8.30	8.30	91.5	91.7	7.50	7.50	1.6	1.4	2.4	2.8			
						1.34	182.00	15.40	15.40	32.10	32.00	8.20	8.20	93.4	93.5	7.70	7.70	4.1	4.2	3.2				
						1.35	185.00	15.40	15.40	31.90	32.00	8.20	8.20	93.6	93.5	7.70	7.70	4.2	4.2	2.2				
IM20A	Fine	Rough	15:11	4.6	S	0.45	240.00	15.50	15.50	31.40	31.40	8.30	8.30	95.9	96.1	7.90	7.90	7.90	2.3	2.6	3.7	3.6	3.2	2.5
						0.44	237.00	15.50	15.50	31.40	31.40	8.30	8.30	96.3	96.1	7.90	7.90		2.8	2.6		2.7		
						0.46	219.00	15.50	15.50	31.50	31.45	8.20	8.20	93.4	93.4	7.70	7.70		5.1	4.9		1.9		
					B	0.44	218.00	15.50	15.50	31.40	31.45	8.20	8.20	93.4	93.4	7.70	7.70	4.7	4.9	1.6	1.8			
						0.60	223.00	15.50	15.50	31.80	31.90	8.30	8.30	95.2	95.4	7.80	7.85	3.3	3.2	3.3				
						0.61	222.00	15.50	15.50	32.00	31.90	8.30	8.30	95.6	95.4	7.90	7.85	3.0	3.2	3.3				
IM21A	Fine	Rough	16:13	5	S	0.69	214.00	15.40	15.40	32.00	32.00	8.10	8.10	95.7	95.7	7.90	7.90	7.90	5.7	5.8	4.5	3.5	3.7	3.5
						0.72	215.00	15.40	15.40	32.00	32.00	8.10	8.10	95.6	95.7	7.90	7.90		5.8	5.8		3.8		
						0.63	226.00	15.60	15.60	32.00	31.95	8.30	8.30	92.4	92.3	7.60	7.55		4.9	4.8		1.9		
					B	0.67	221.00	15.60	15.60	31.90	31.95	8.30	8.30	92.2	92.3	7.50	7.55	4.7	4.8	2.6	2.3			
						0.66	220.00	15.30	15.30	32.10	32.00	8.10	8.10	93.2	93.0	7.60	7.60	6.8	6.7	2.9				
						0.63	218.00	15.30	15.30	31.90	32.00	8.10	8.10	92.8	93.0	7.60	7.60	6.5	6.7	2.6				

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

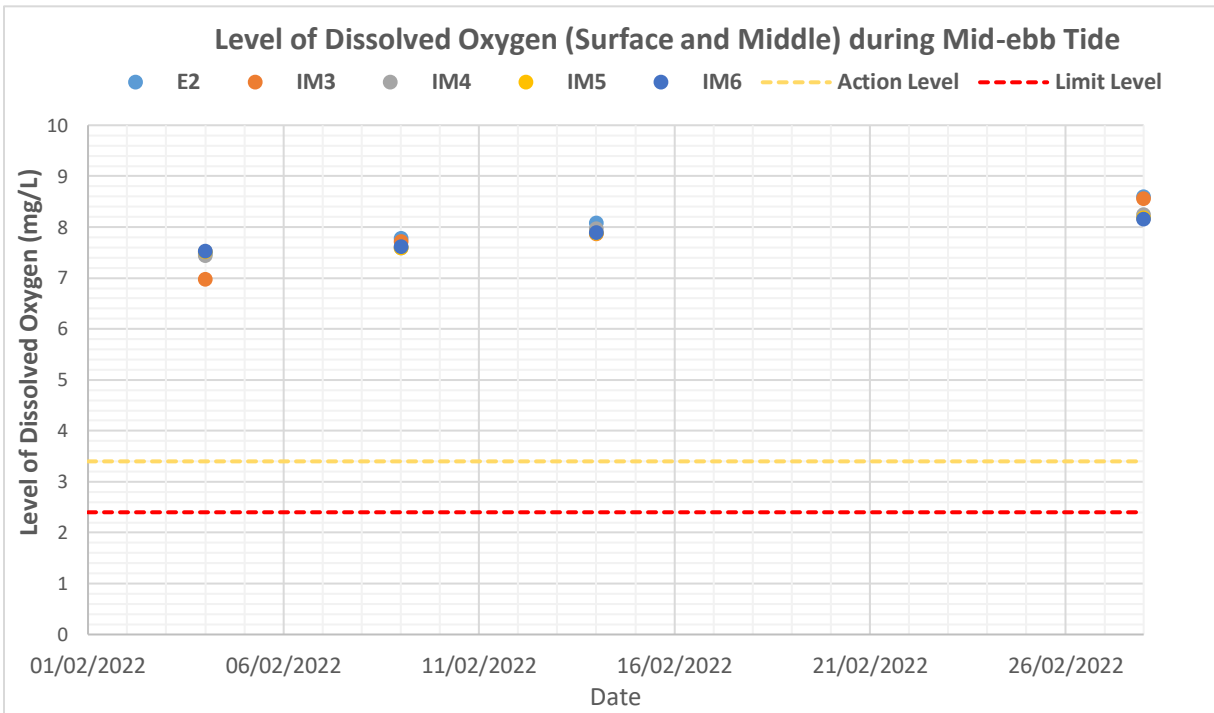


Figure G1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in February 2022.

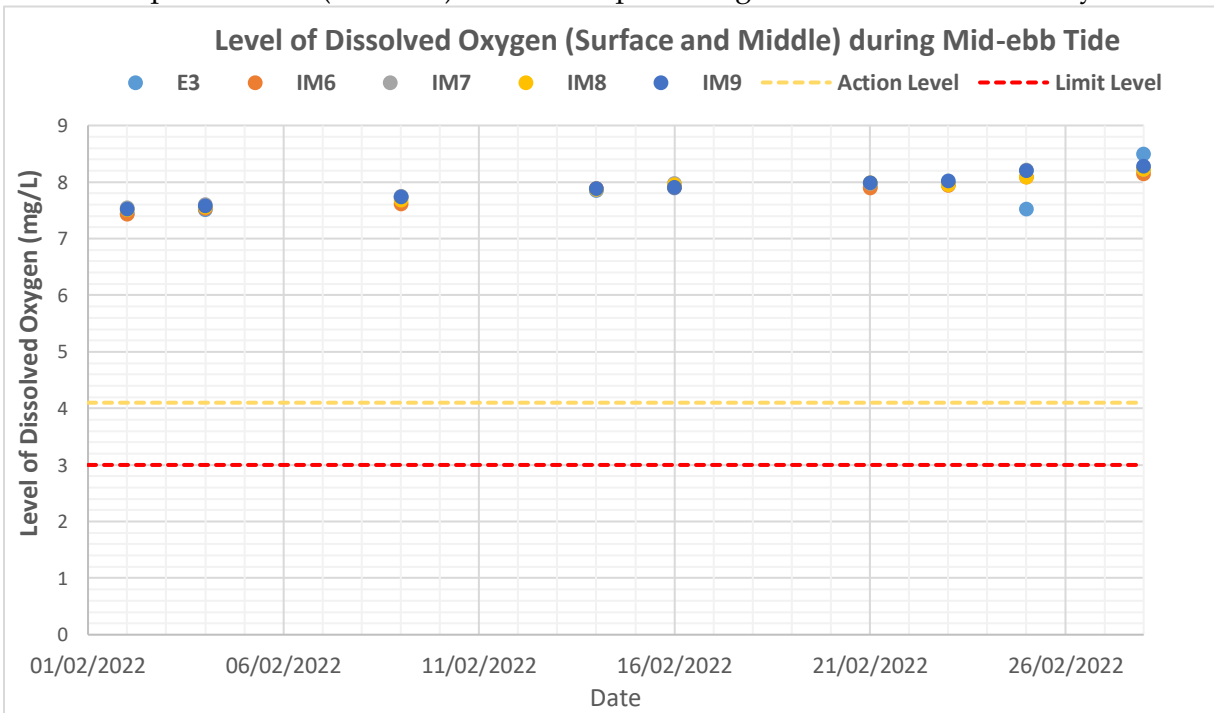


Figure G1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in February 2022.

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07  
Data\08 Impact WQ

Date: 14/3/22

**Environmental  
Resources  
Management**



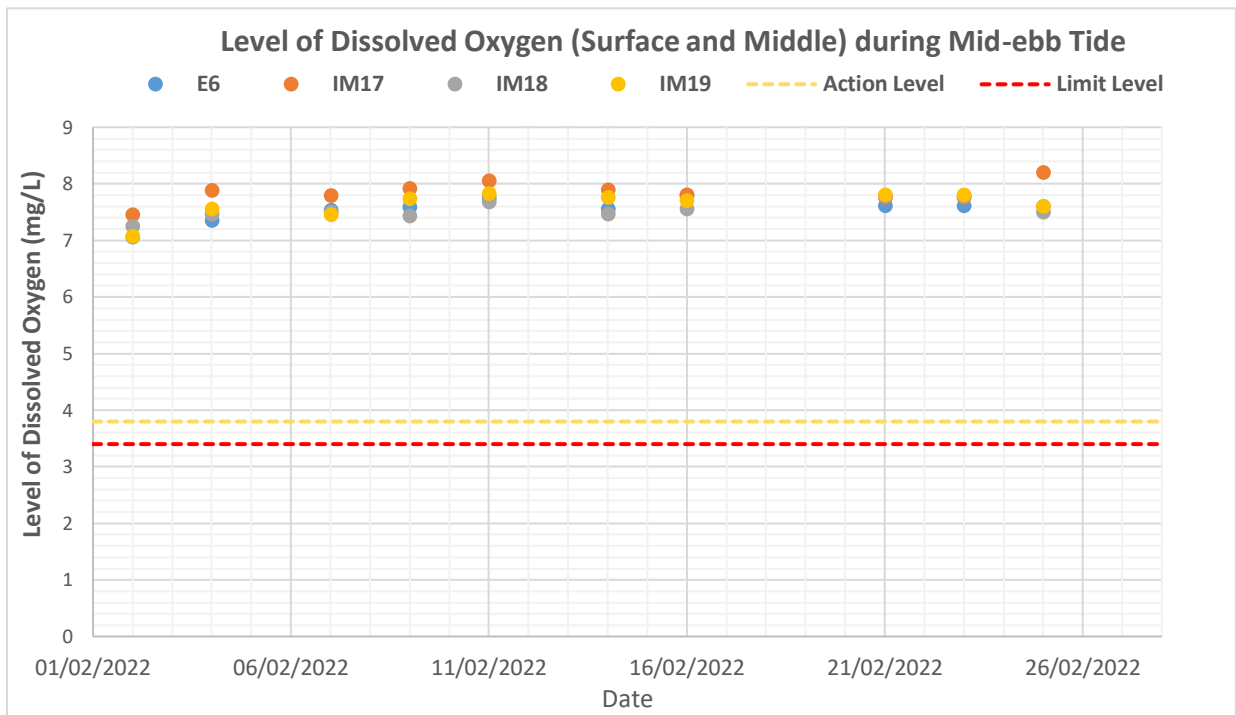


Figure G1c: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in February 2022.

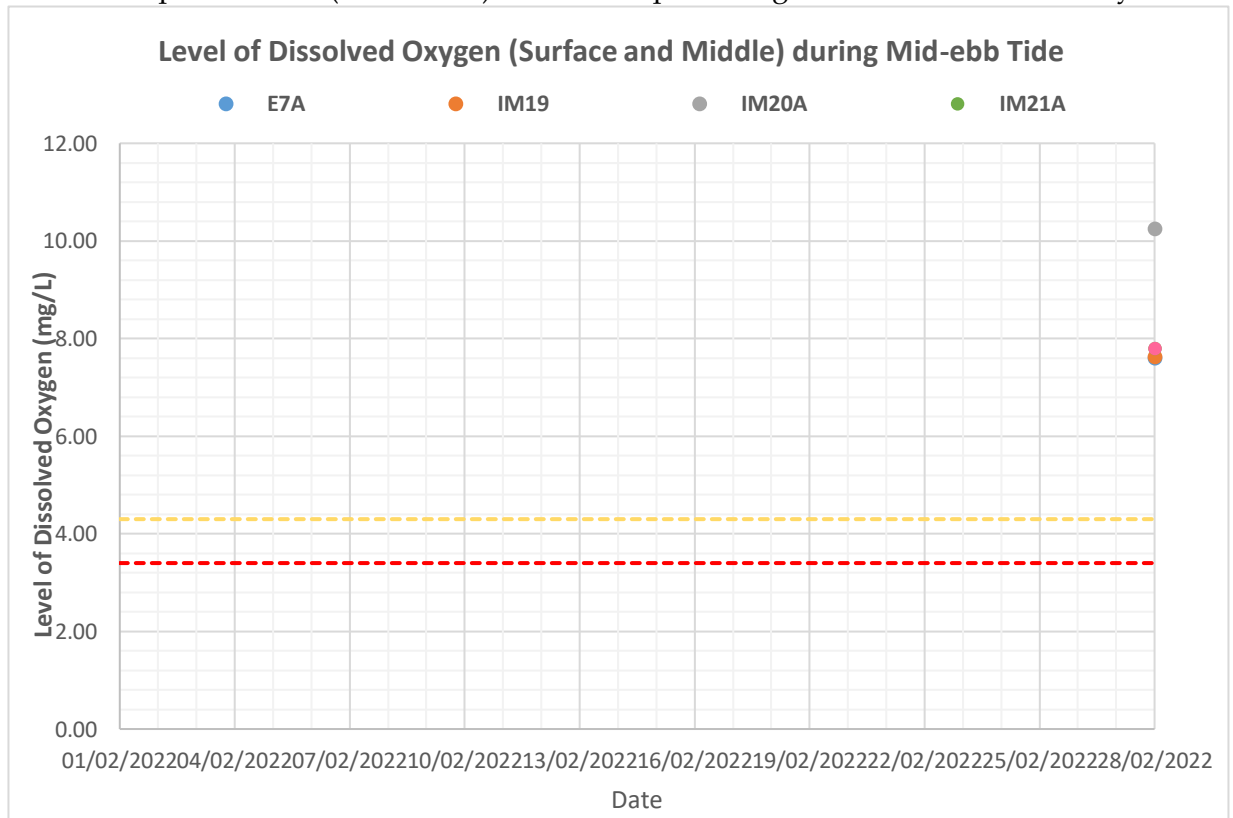


Figure G1d: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides in February 2022.

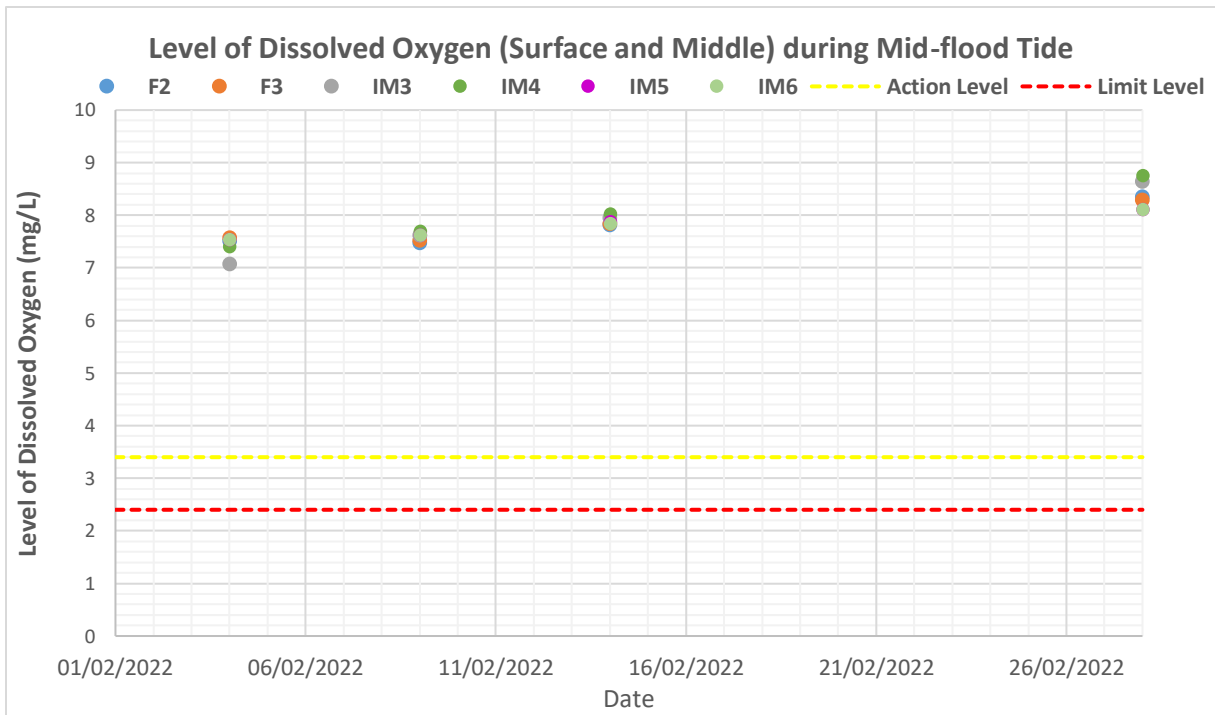


Figure G1e: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F2,F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in February 2022

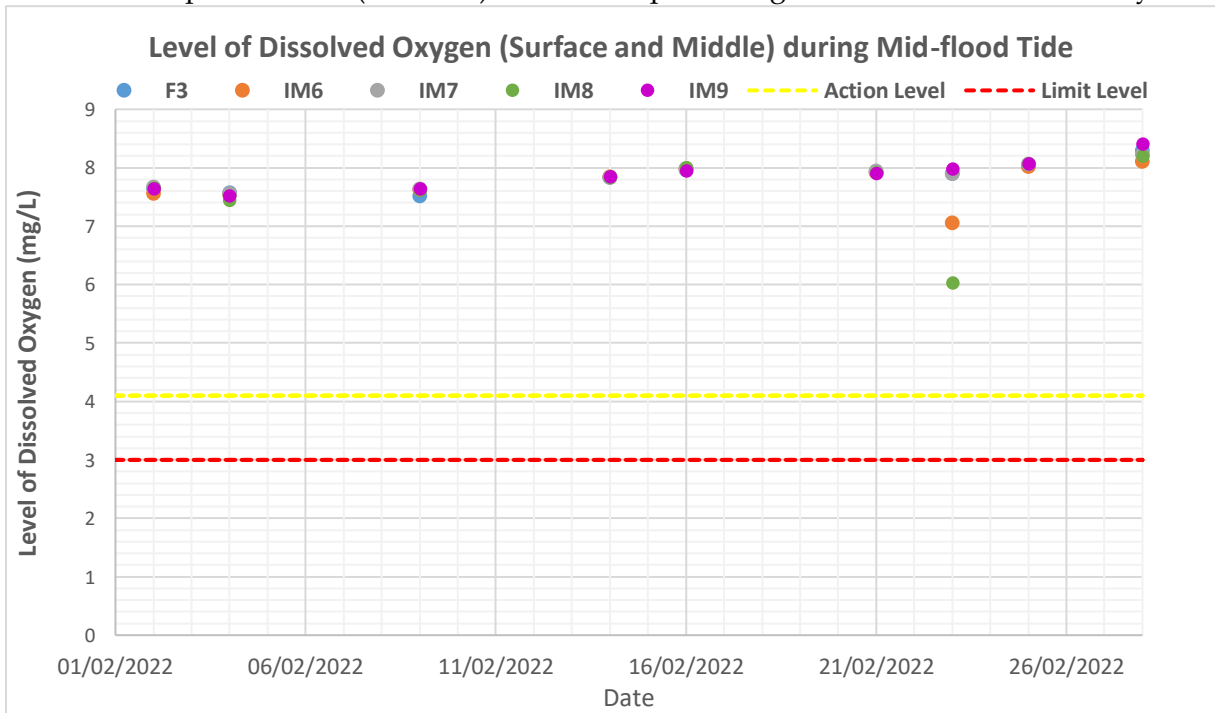


Figure G1f: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in February 2022

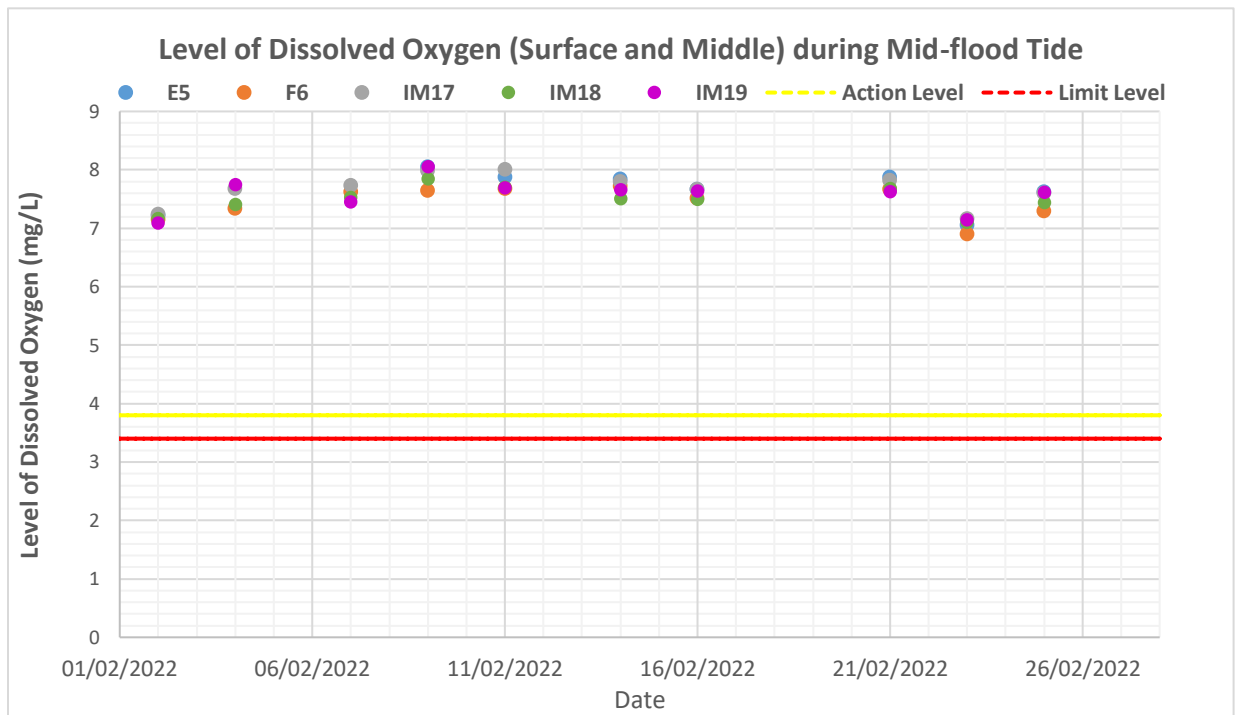


Figure G1g: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in February 2022.

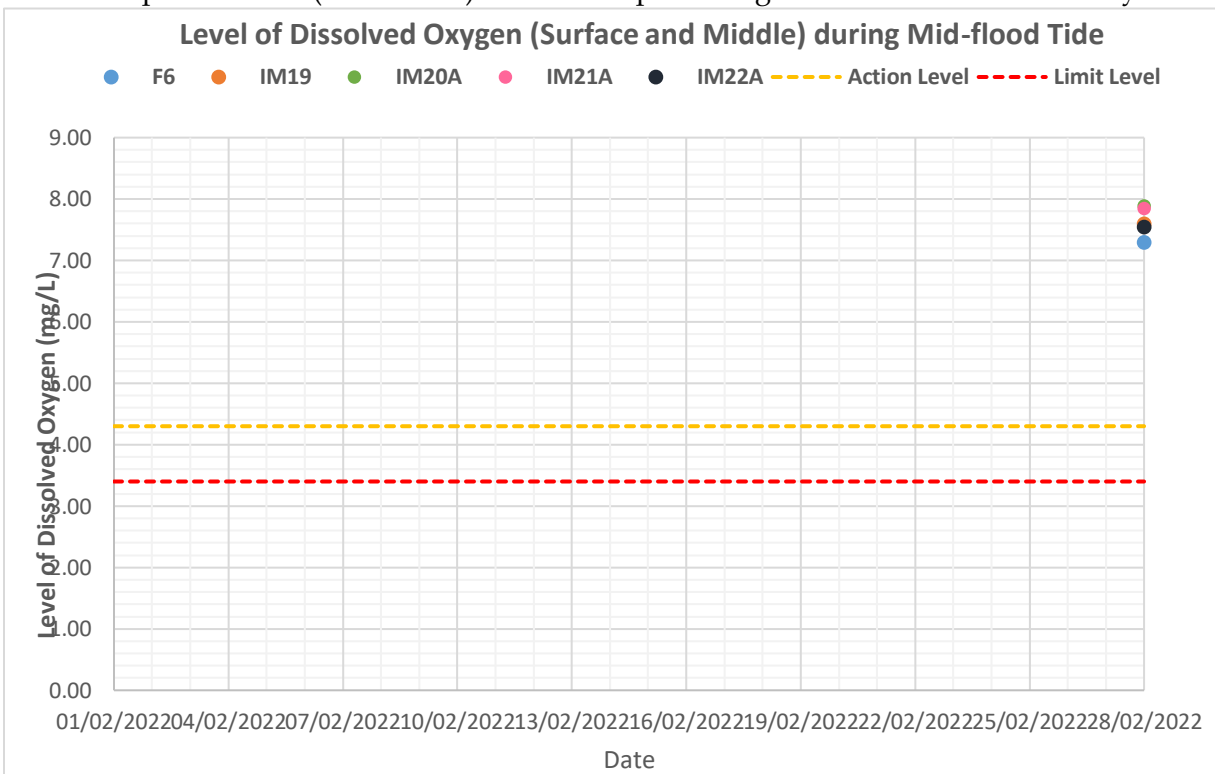


Figure G1h: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides in February 2022.

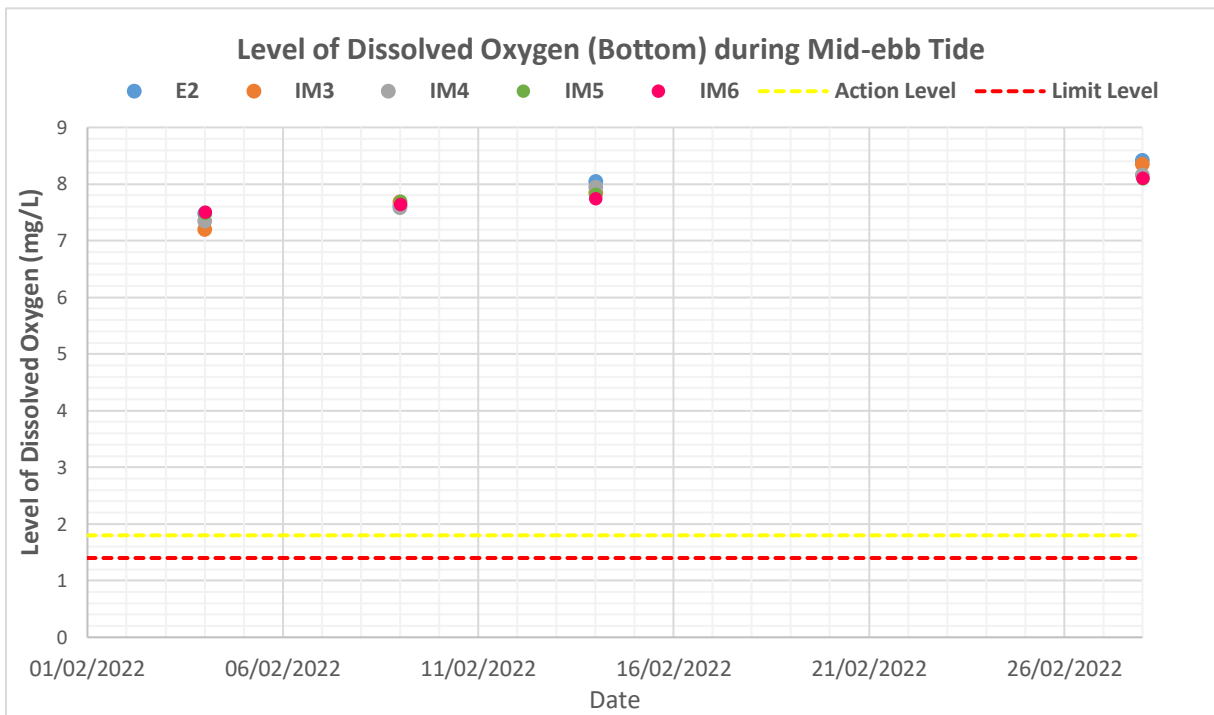


Figure G2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in February 2022.

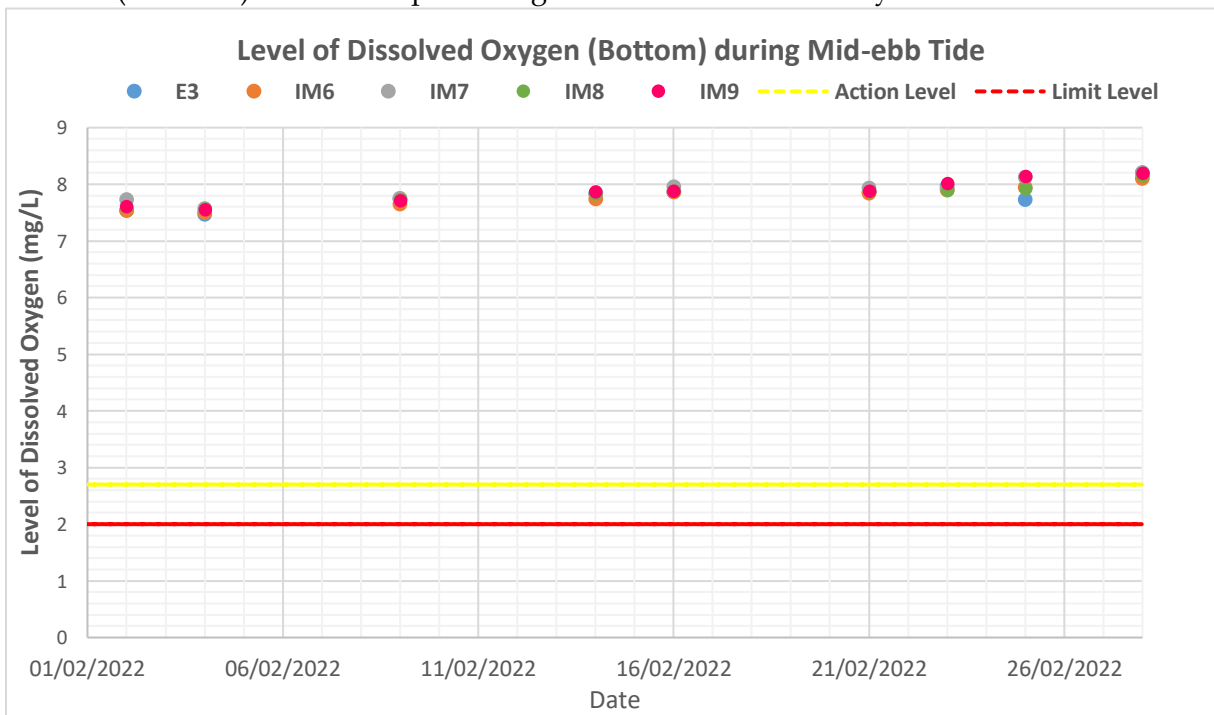


Figure G2b: Levels Bottom Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in February 2022.

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07  
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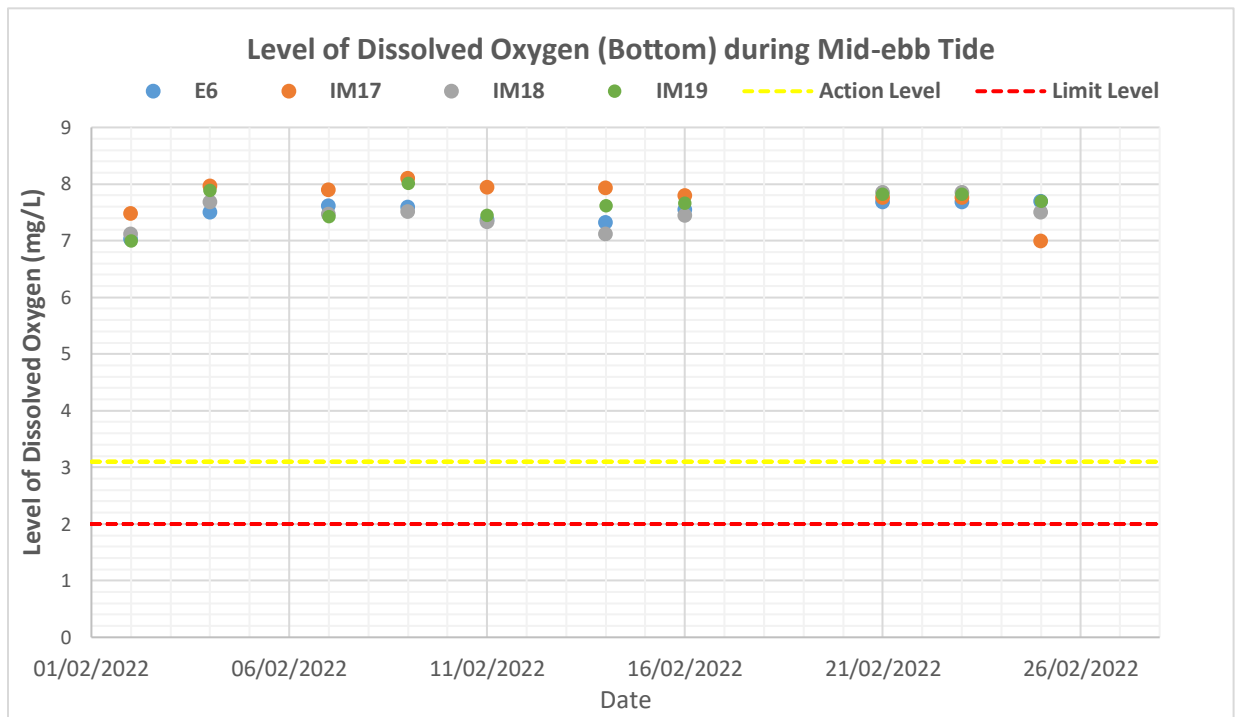


Figure G2c: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in February 2022.

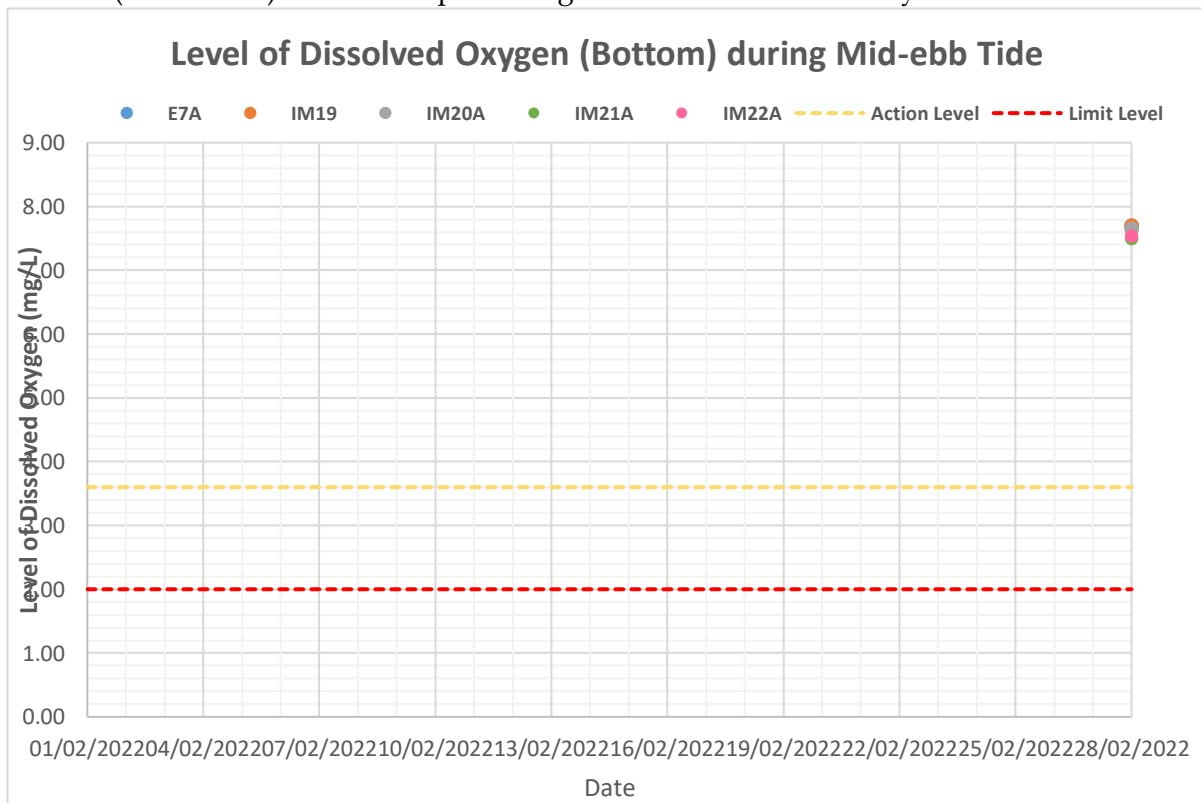


Figure G1d: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides in February 2022.

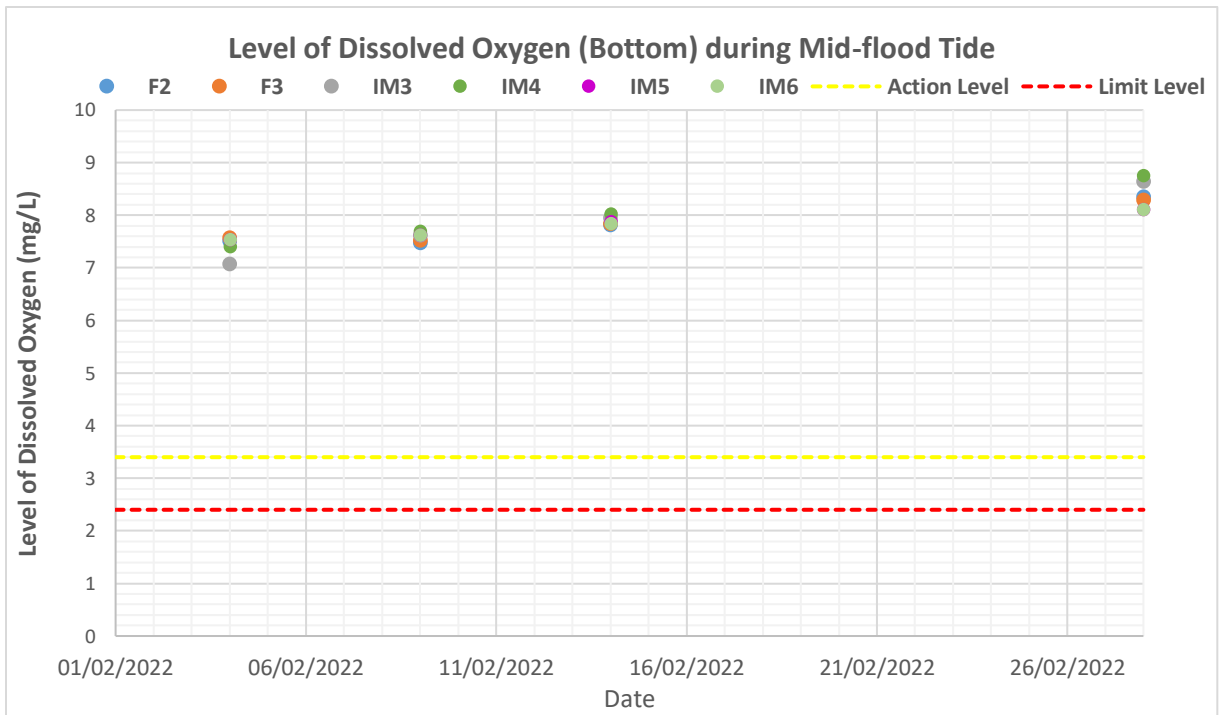


Figure G2e: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F2,F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in February 2022

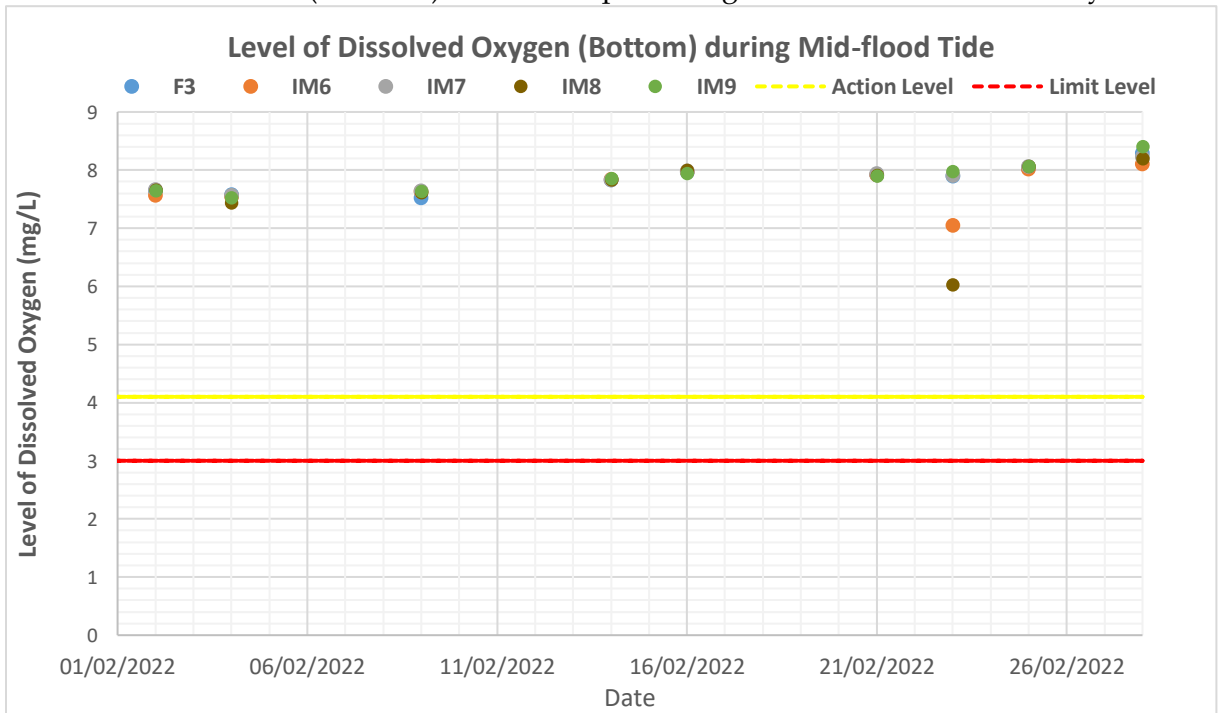


Figure G2f: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in February 2022



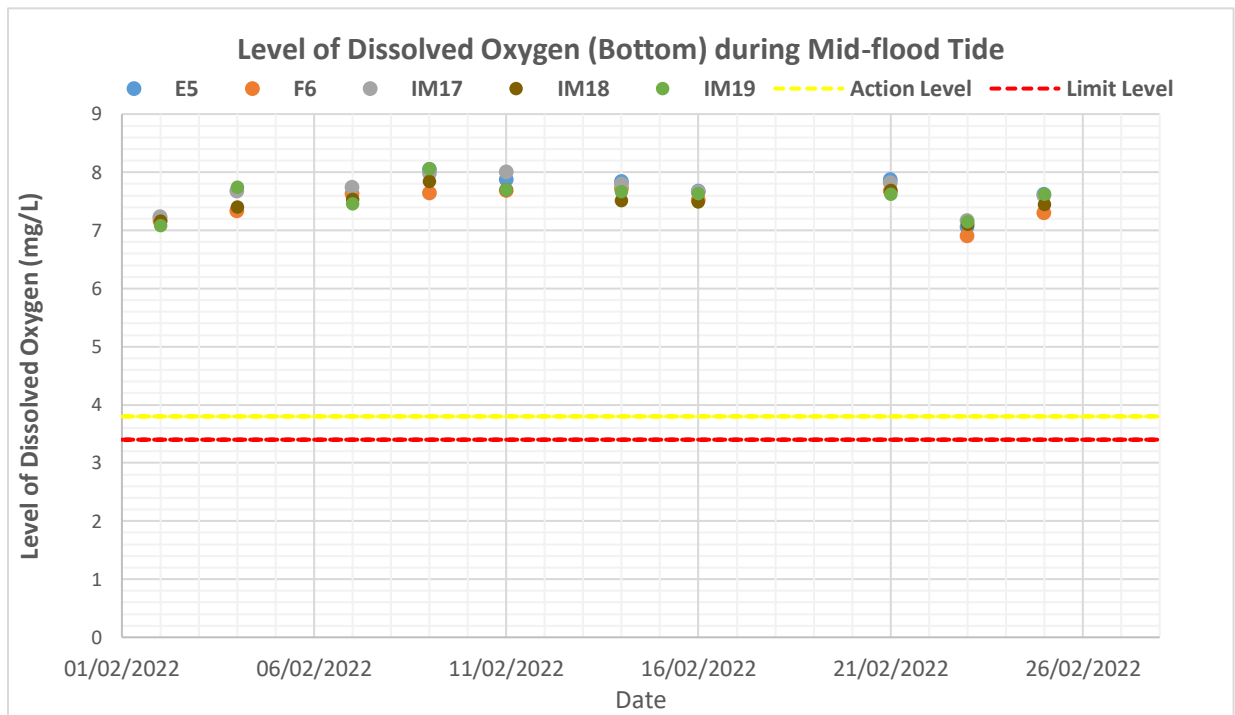


Figure G2g: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in February 2022.

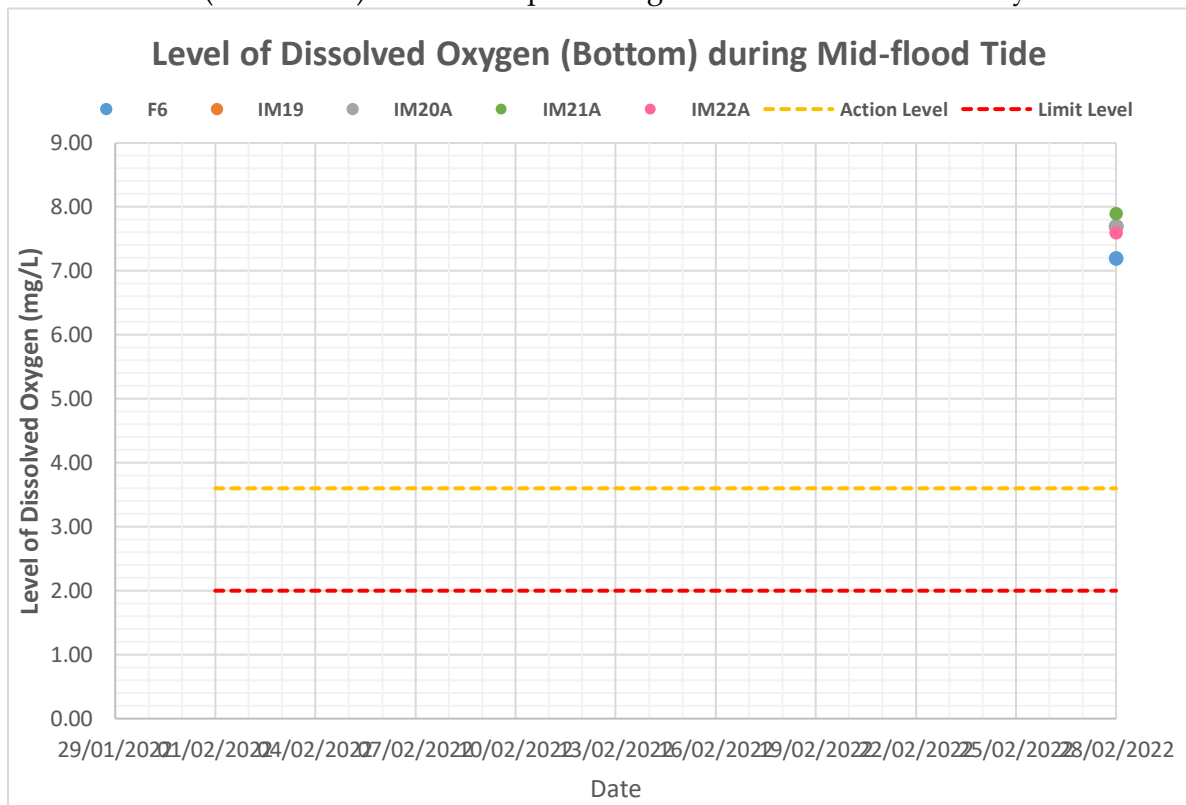


Figure G2h: Levels Bottom Dissolved Oxygen (mg/L) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides in February 2022.

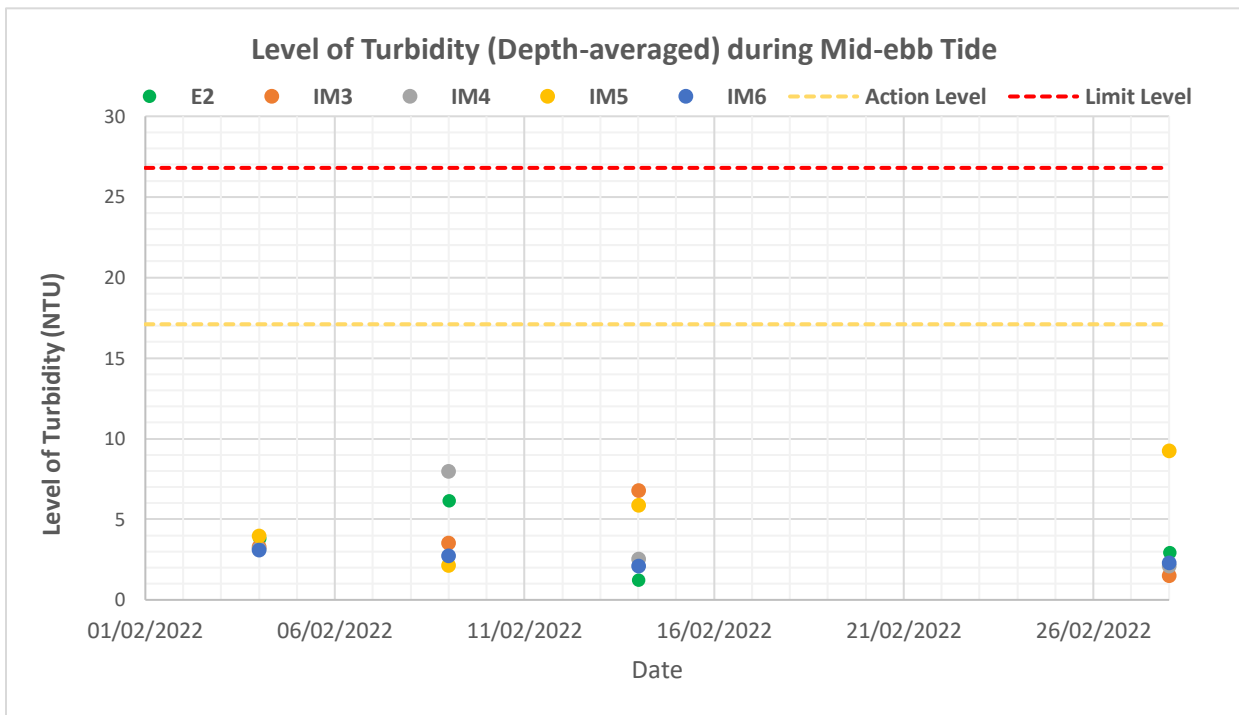


Figure G3a: Levels of Depth-averaged Turbidity (NTU) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in February 2022.

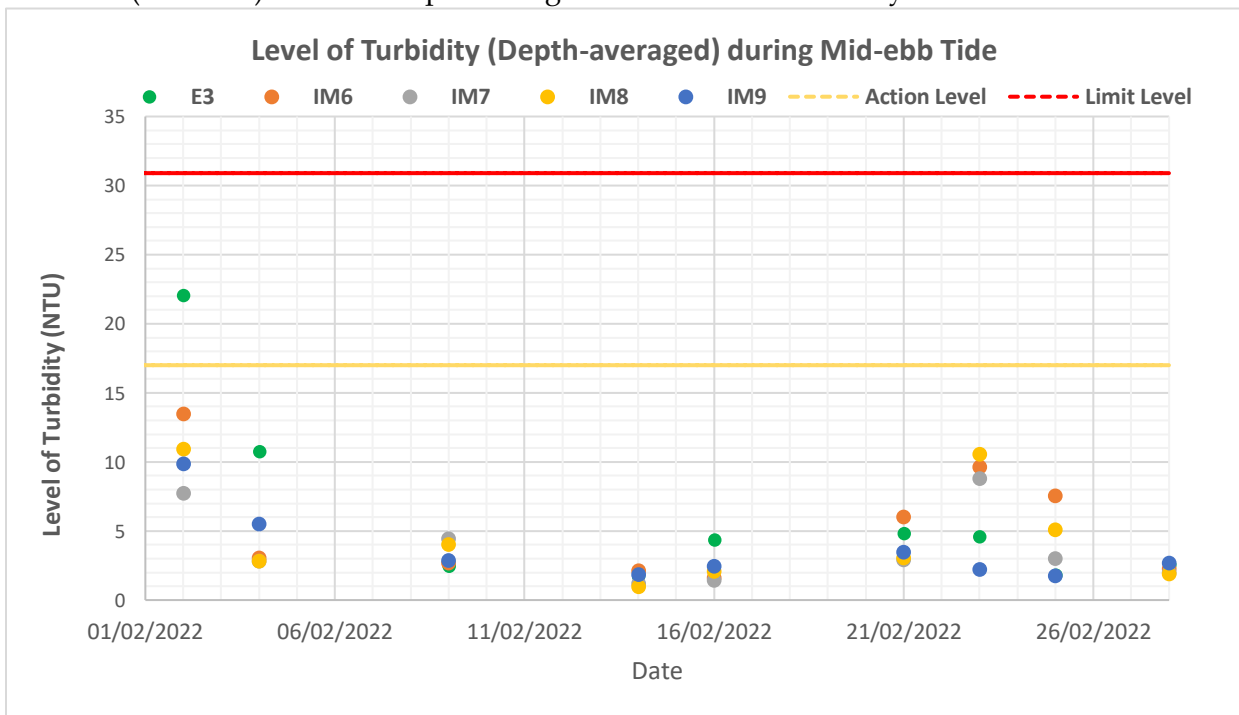


Figure G3b: Levels of Depth-averaged Turbidity (NTU) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in February 2022.

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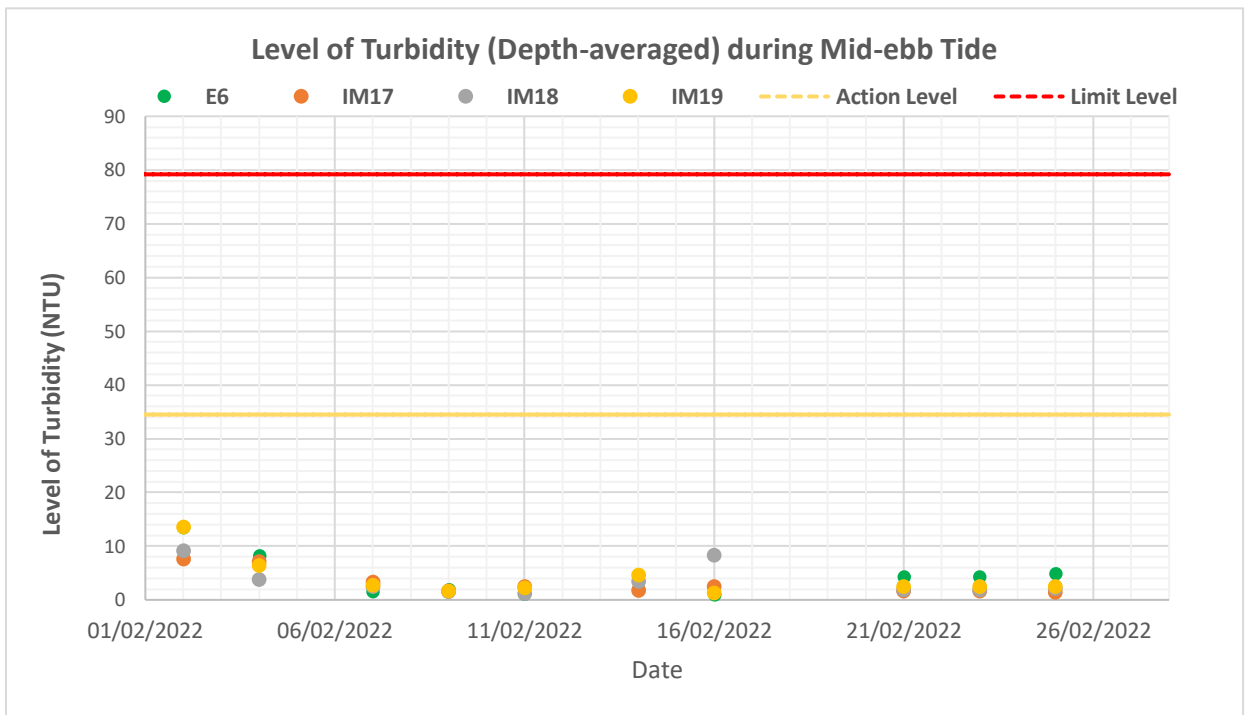


Figure G3c: Levels of Depth-averaged Turbidity (NTU) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in February 2022.

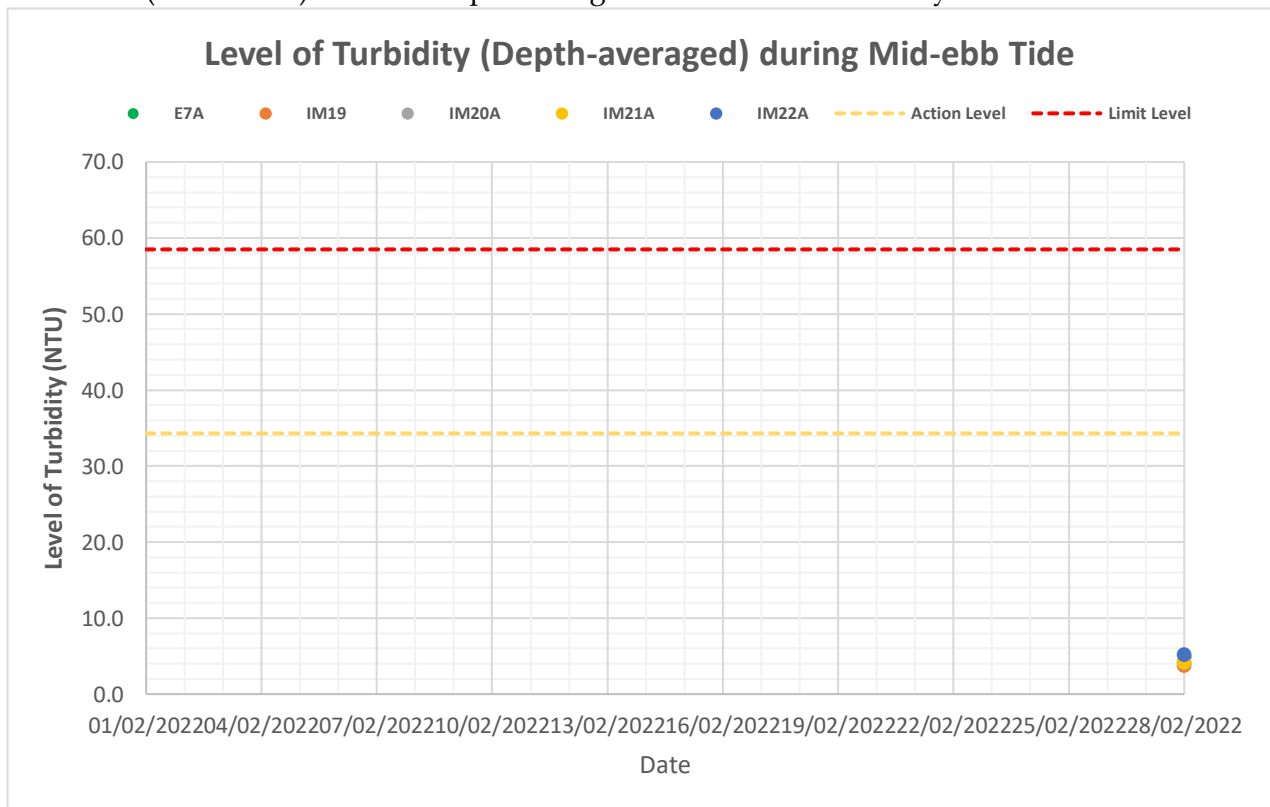


Figure G3d: Levels of Depth-averaged Turbidity (NTU) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides in February 2022.

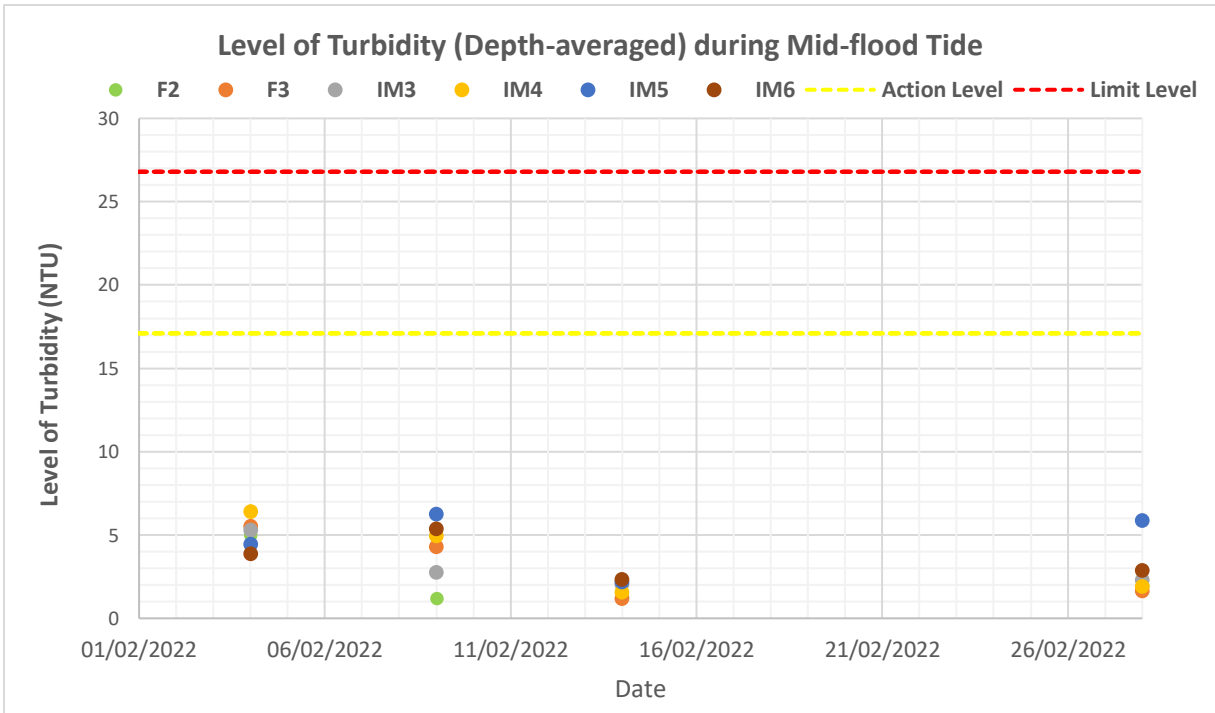


Figure G3e: Levels of Depth-averaged Turbidity (NTU) at control station (F2,F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in February 2022

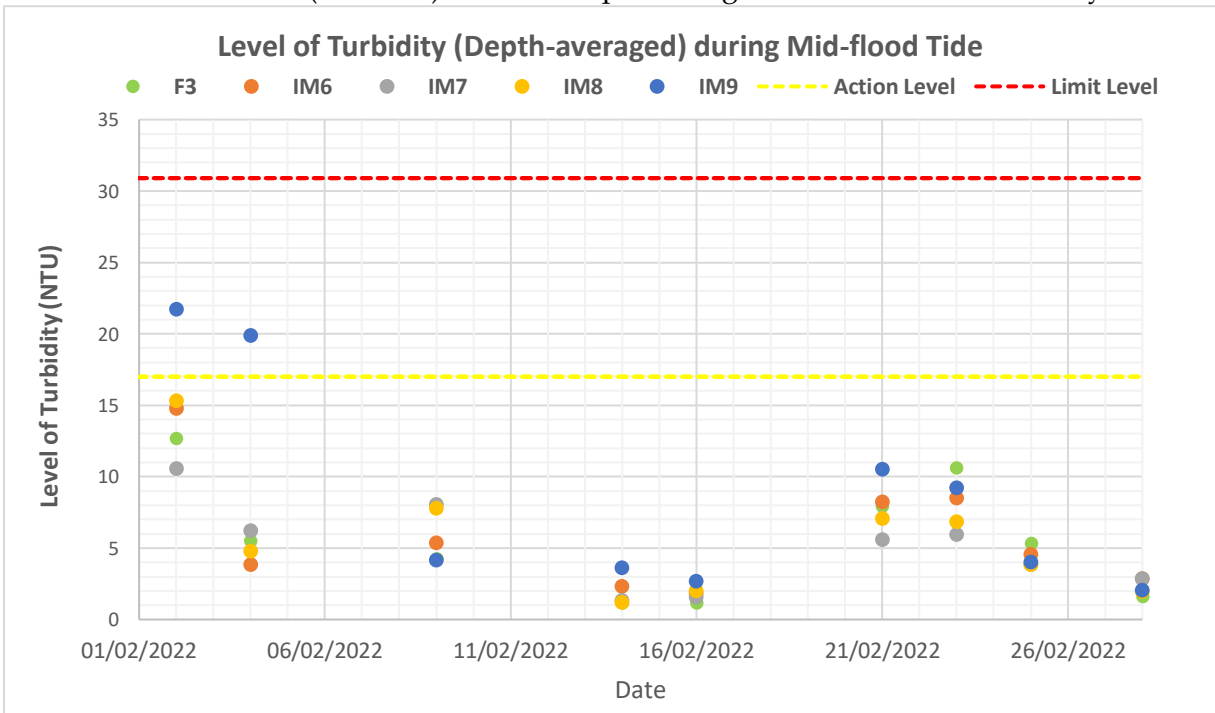


Figure G3f: Levels of Depth-averaged Turbidity (NTU) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in February 2022

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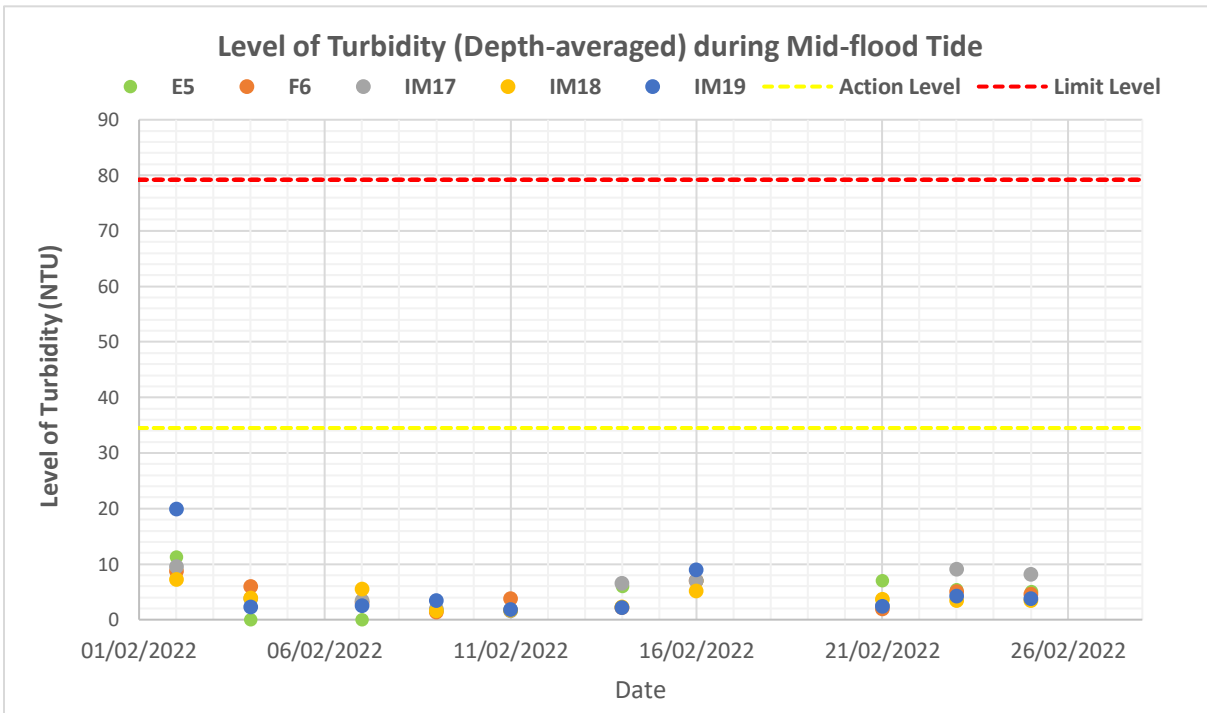


Figure G3g: Levels of Depth-averaged Turbidity (NTU) at control station (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in February 2022.

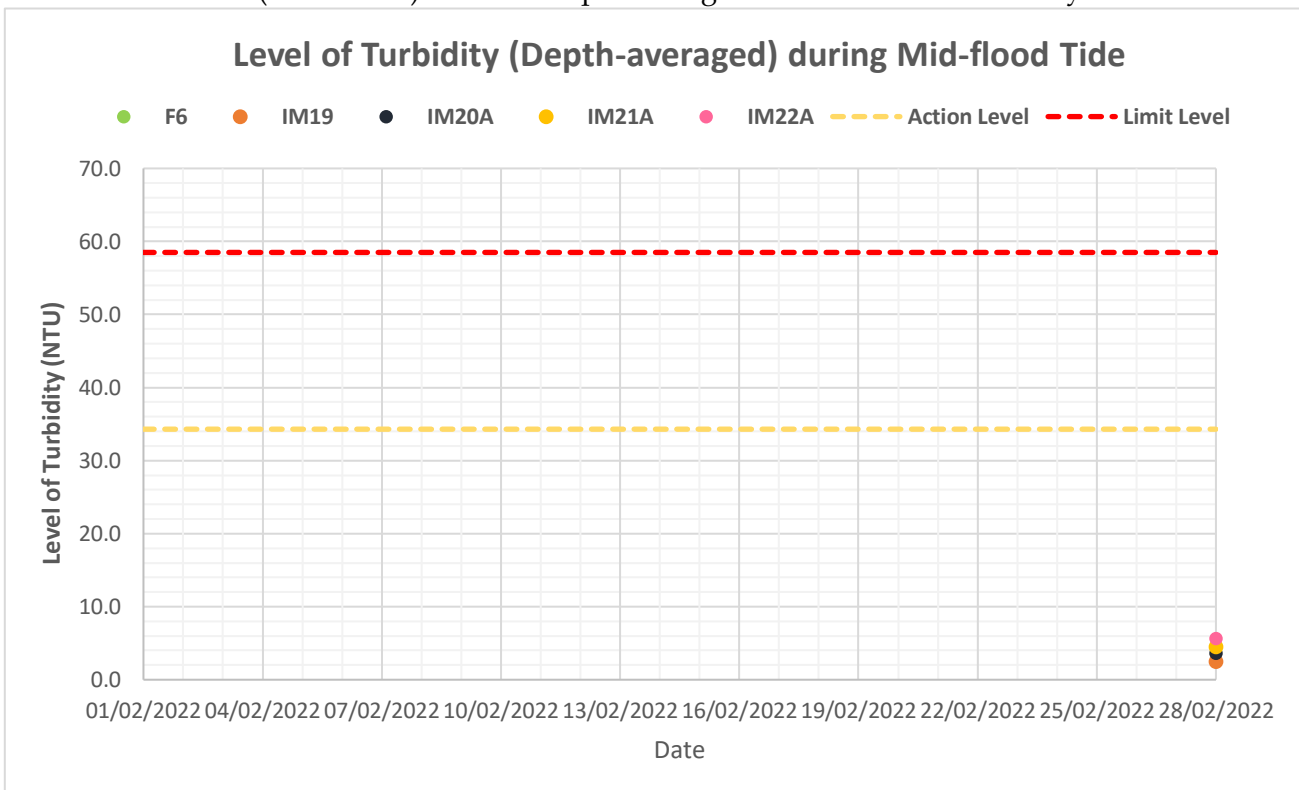


Figure G3h: Levels of Depth-averaged Turbidity (NTU) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides in February 2022.

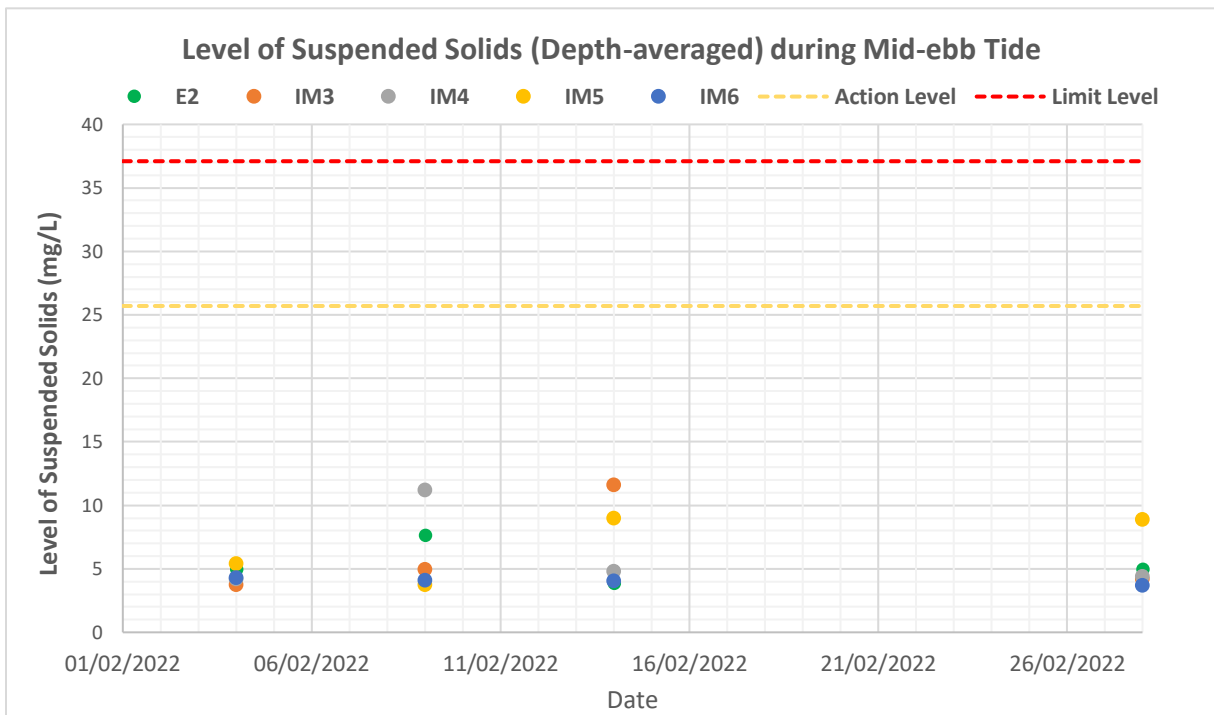


Figure G4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in February 2022.

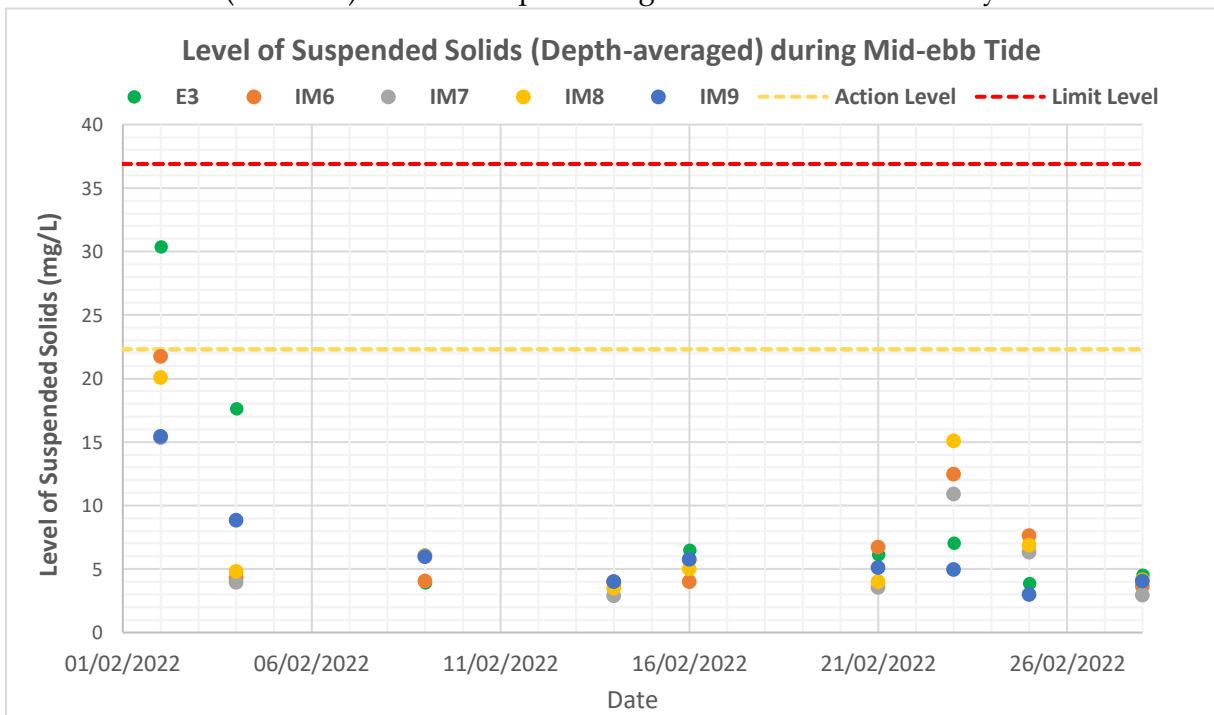


Figure G4b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in February 2022.

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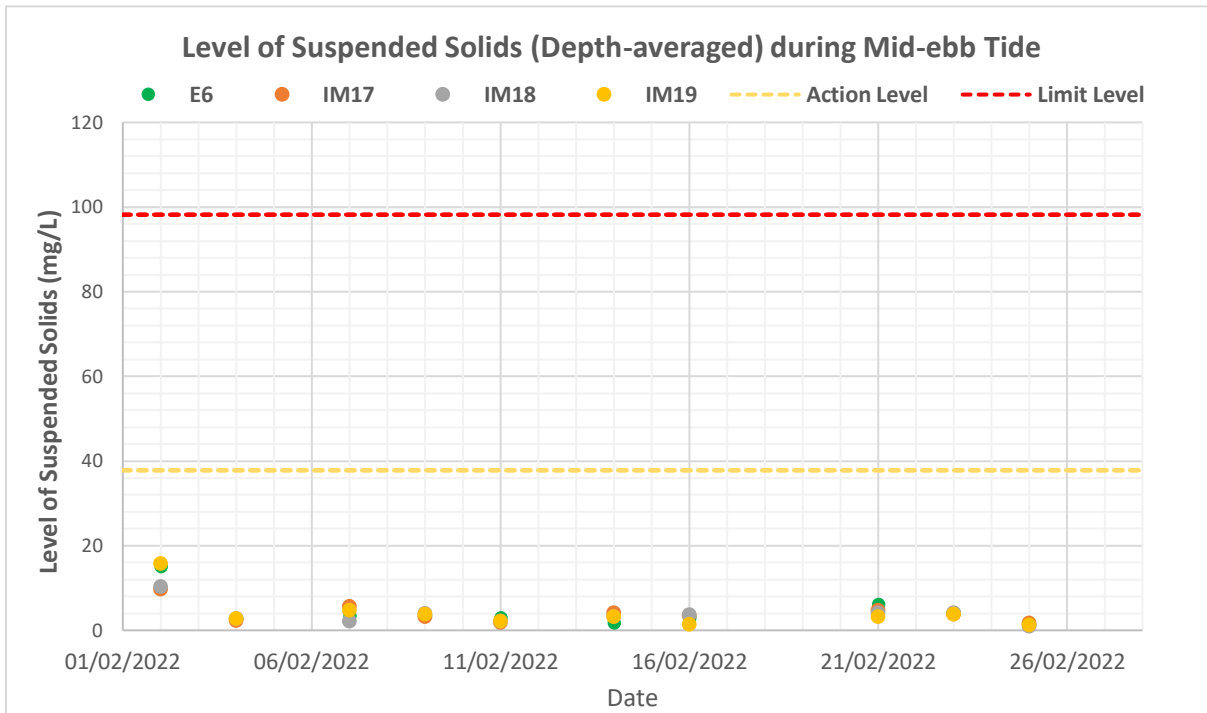


Figure G4c: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in February 2022.

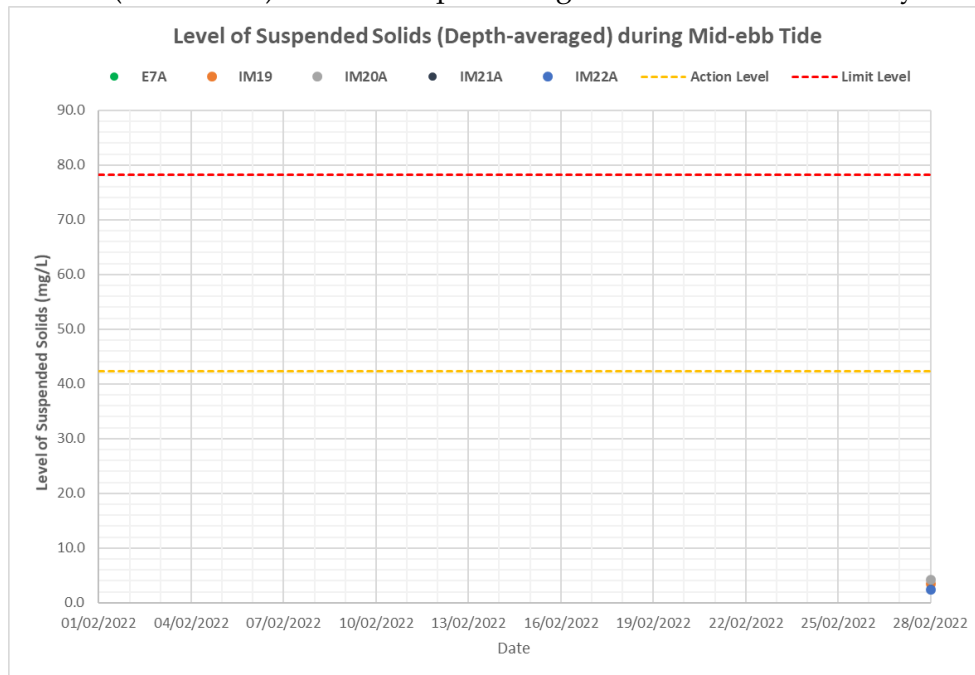


Figure G4d: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides in February 2022.

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\08 Impact WQ

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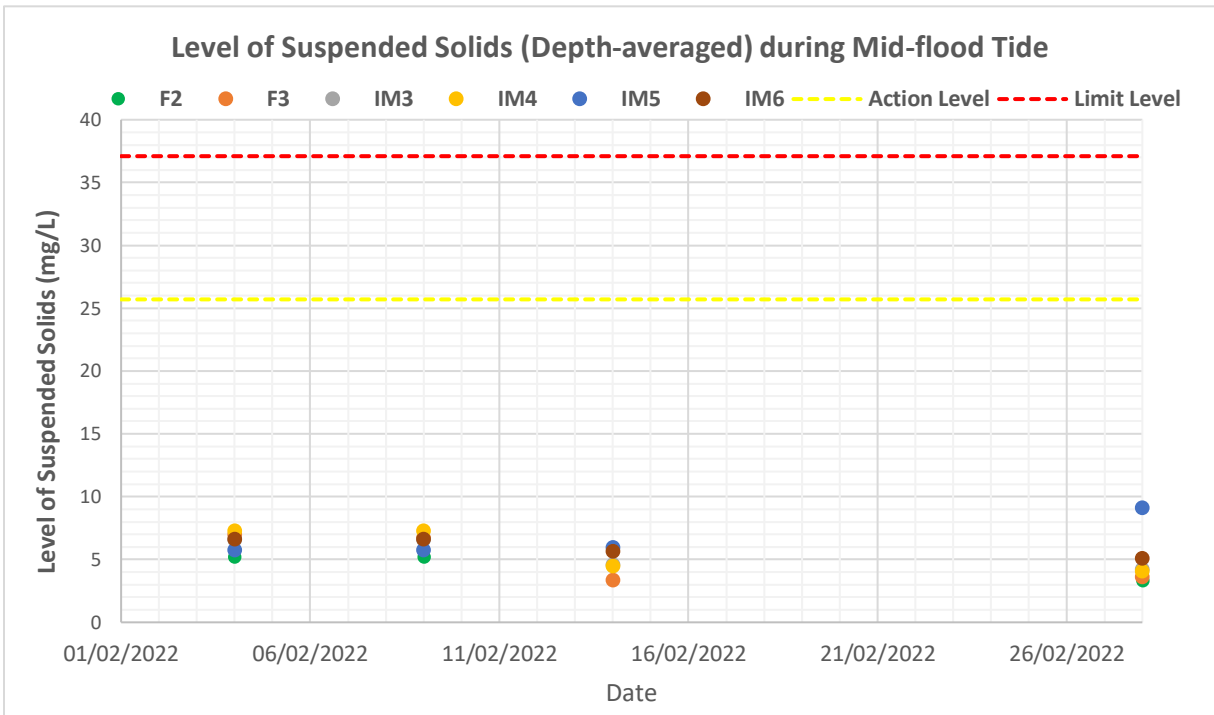


Figure G4e: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F2,F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in February 2022

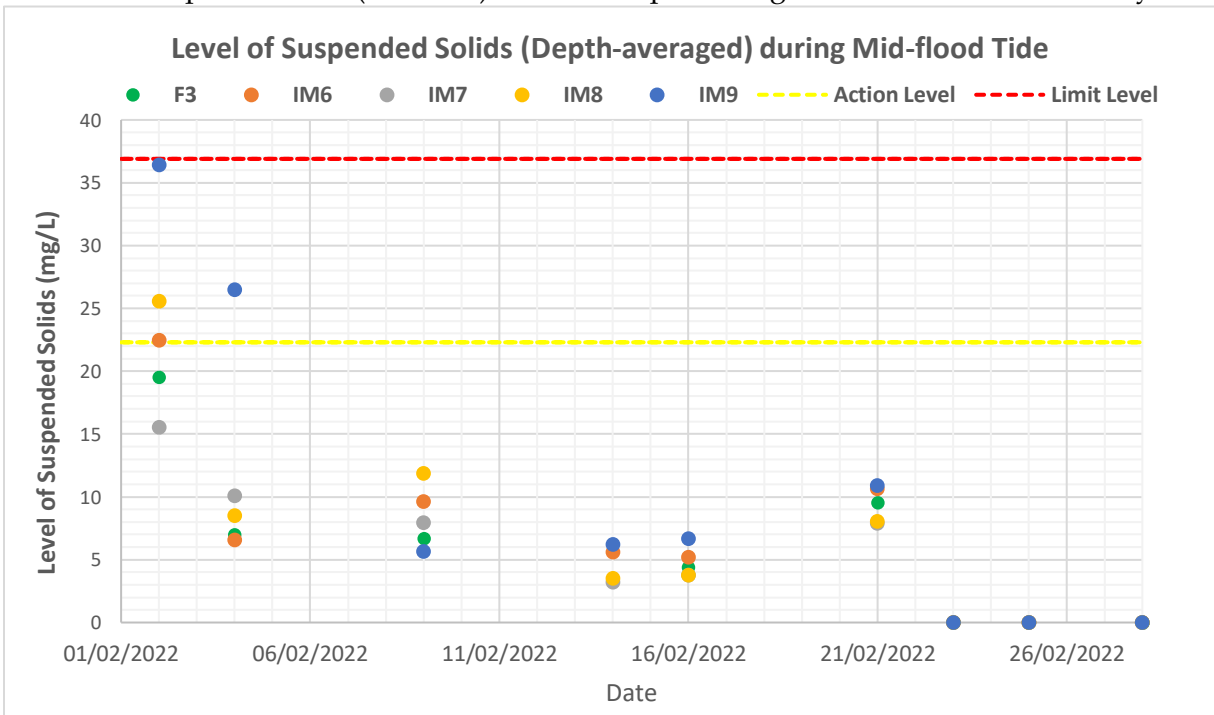


Figure G4f: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in February 2022

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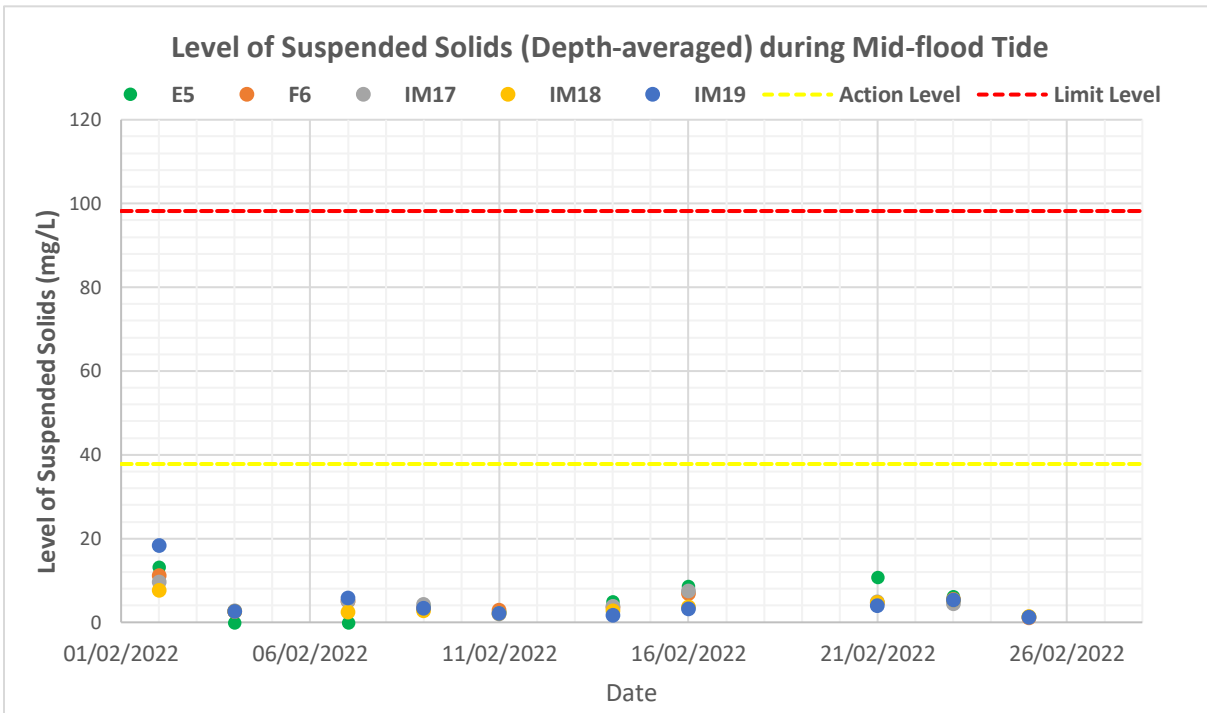


Figure G4g: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in February 2022.

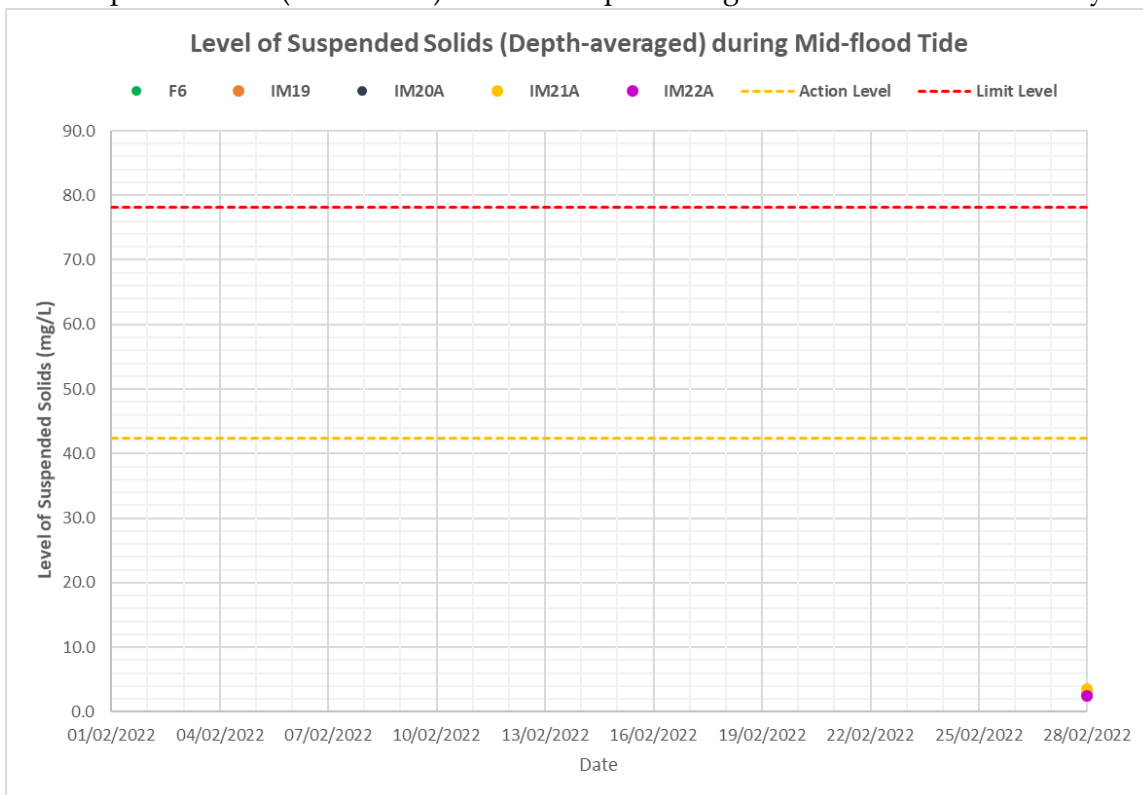


Figure G4h: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides in February 2022.