

ANNEX G

CONSTRUCTION PHASE MARINE WATER QUALITY MONITORING RESULTS

Date: 2021/02/01

Tide: Mid-Ebb

Water Quality Monitoring Data Log Sheet

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	Value	Average	Value	Average	Value
E2	Fine	Calm	13:59	8.0	S	1.77	103	18.09	18.13	30.95	30.95	8.17	117.0	117.0	9.19	9.19	1.9	1.9	3.7	3.6				
						1.77	103	18.17	18.17	30.95	30.95	8.17	117.2	117.1	9.19	9.19	1.9	1.9	3.5	3.6				
						0.12	29	17.57	17.58	31.32	31.32	8.15	109.9	110.8	8.70	8.77	2.9	2.9	5.0	5.2	5.1	5.1		
						0.29	106	17.58	17.58	31.32	31.32	8.16	111.6	110.8	8.83	8.83	2.9	2.9	5.3	5.2	5.0	5.2		
IM3	Fine	Calm	15:32	14.8	M	0.44	159	17.53	17.53	31.04	31.04	8.10	117.0	117.1	8.45	8.49	4.3	4.6	6.4	6.6				
						1.03	47	17.53	17.53	31.04	31.04	8.13	117.2	117.1	8.45	8.49	4.8	4.6	6.4	6.6				
						0.68	21	18.12	18.08	31.09	31.12	8.23	121.9	122.2	9.56	9.59	1.4	1.4	2.1	2.3				
						0.68	21	18.03	18.03	31.15	31.12	8.23	122.5	122.5	9.62	9.62	1.3	1.3	2.5	2.3				
IM4	Fine	Calm	15:08	16.1	M	1.07	317	17.53	17.52	31.52	31.52	8.20	110.9	111.7	8.77	8.84	3.6	2.9	3.6	3.8	4.0	4.0		
						0.24	76	17.51	17.52	31.51	31.52	8.20	112.5	112.5	8.90	8.90	2.1	2.1	3.9	3.9				
						0.25	113	17.39	17.39	31.72	31.72	8.19	107.2	106.4	8.49	8.43	10.6	11.0	5.7	6.0				
						0.87	53	17.39	17.39	31.71	31.71	8.18	105.6	106.4	8.36	8.43	11.3	11.0	6.2	6.0				
IM5	Fine	Calm	14:26	15.0	S	0.14	299	18.15	18.23	30.91	30.87	8.23	122.6	122.5	9.62	9.60	0.7	0.8	2.1	2.3				
						0.91	14	18.30	18.23	30.82	30.87	8.23	122.4	122.4	9.58	9.58	0.9	0.9	2.4	2.4				
						0.44	86	17.75	17.75	31.15	31.15	8.24	120.0	120.9	9.47	9.54	1.7	1.5	2.9	3.0	3.9	3.9		
						0.91	353	17.75	17.75	31.14	31.14	8.24	121.7	121.7	9.61	9.61	1.3	1.3	3.1	3.1				
IM6	Fine	Calm	14:42	16.0	M	0.55	22	17.44	17.44	31.68	31.67	8.20	109.7	109.0	8.68	8.62	2.9	3.3	6.4	6.4				
						0.86	327	17.44	17.44	31.66	31.67	8.19	108.2	108.2	8.56	8.56	3.6	3.6	6.3	6.4				
						0.82	166	18.38	18.42	31.24	31.25	8.19	116.0	117.2	9.04	9.13	1.3	1.2	1.6	1.7				
						1.10	103	18.45	18.42	31.25	31.25	8.19	118.4	118.4	9.22	9.22	1.1	1.1	1.8	1.7				
IM6	Fine	Calm	14:42	16.0	M	0.32	331	17.35	17.35	31.75	31.75	8.17	109.0	109.3	8.64	8.66	2.4	2.3	3.2	3.1				
						0.19	52	17.30	17.30	31.82	31.82	8.16	107.9	107.9	8.56	8.56	2.2	2.2	3.0	3.1				
						0.19	52	17.30	17.30	31.82	31.82	8.16	107.8	107.8	8.55	8.56	3.0	3.2	4.8	5.0				
						0.32	135	19.12	19.13	31.67	31.67	8.17	113.9	114.1	8.73	8.74	1.6	1.6	1.6	1.6				
IM6	Fine	Calm	14:42	16.0	M	0.45	136	17.16	17.16	31.84	31.84	8.17	108.2	108.6	8.60	8.63	1.5	1.6	1.6	1.6				
						0.33	147	17.16	17.16	31.84	31.84	8.17	108.9	108.6	8.66	8.63	1.9	1.9	2.1	2.3	2.4	2.4		
						0.73	310	17.13	17.13	31.86	31.86	8.17	105.7	105.6	8.41	8.40	2.3	2.2	3.2	3.4				
						0.43	262	17.13	17.13	31.86	31.86	8.16	105.4	105.4	8.38	8.40	2.0	2.2	3.6	3.4				

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

Date: 2021/02/01

Tide: Mid-Flood

Water Quality Monitoring Data Log Sheet

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	Value	Average	Value	Average	Value	Average	Value	Average
F2	Fine	Calm	08:23	18.2	S	0.17	133	17.44	17.44	31.38	31.41	8.16	112.2	8.90	8.92	1.5	1.5	1.2	1.3	1.2	1.4	1.2	1.3				
						0.17	133	17.44	17.44	31.44	31.44	8.16	112.8	8.94	8.94	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		
						0.89	231	17.08	17.08	31.68	31.69	8.12	107.8	8.59	8.61	1.6	1.8	8.76	8.76	1.6	1.8	1.9	1.9	1.9	1.8	1.8	
						0.79	329	17.08	17.08	31.69	31.69	8.12	107.8	8.59	8.61	1.6	1.8	8.76	8.76	1.6	1.8	1.9	1.9	1.9	1.9	1.8	1.8
						0.57	55	16.94	16.94	31.72	31.72	8.11	106.2	8.48	8.47	2.1	2.6	8.47	8.47	2.1	2.6	2.5	2.5	2.5	2.5	2.3	2.3
						0.53	133	16.94	16.94	31.72	31.72	8.11	106.2	8.48	8.47	2.1	2.6	8.47	8.47	2.1	2.6	2.5	2.5	2.5	2.5	2.3	2.3
F3	Fine	Calm	09:01	17.2	S	0.82	292	17.36	17.36	31.44	31.33	8.18	112.1	8.90	8.94	1.1	1.2	1.5	1.4	1.5	1.3	1.5	1.4				
						0.72	267	17.36	17.36	31.21	31.21	8.19	112.9	8.97	8.97	1.2	1.2	8.78	8.78	1.2	1.2	1.3	1.3	1.3	1.3		
						0.53	177	17.30	17.30	31.96	31.96	8.16	108.5	8.60	8.62	2.5	2.4	8.78	8.78	2.5	2.4	2.4	2.4	2.4	2.4	2.4	
						0.32	337	17.30	17.30	31.96	31.96	8.16	108.5	8.64	8.64	2.3	2.4	8.78	8.78	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.3
						0.61	313	17.24	17.24	31.98	31.98	8.16	107.1	8.49	8.49	4.0	4.6	8.49	8.49	4.0	4.6	2.3	2.3	2.3	2.3	2.4	2.4
						0.61	313	17.24	17.24	31.98	31.98	8.16	107.1	8.49	8.49	4.0	4.6	8.49	8.49	4.0	4.6	2.3	2.3	2.3	2.3	2.4	2.4
IM3	Fine	Calm	10:17	15.0	S	0.72	197	17.56	17.56	30.78	30.79	8.20	112.6	8.94	8.97	1.1	1.3	2.8	2.7	2.8	2.8	2.8	2.7				
						0.62	153	17.55	17.55	30.79	30.79	8.20	113.2	8.99	8.99	1.4	1.4	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6		
						0.24	343	17.29	17.29	31.72	31.73	8.18	107.8	8.55	8.58	5.3	5.0	8.77	8.77	5.3	5.0	5.9	5.9	5.9	6.0	6.0	
						0.24	343	17.29	17.29	31.73	31.73	8.18	107.8	8.61	8.61	4.6	4.6	8.77	8.77	4.6	4.6	6.0	6.0	6.0	6.0	6.0	6.0
						0.43	303	17.33	17.33	31.87	31.87	8.19	106.0	8.40	8.40	10.3	10.5	8.40	8.40	10.3	10.5	11.9	11.9	11.9	11.9	11.9	11.8
						0.43	303	17.33	17.33	31.86	31.86	8.19	105.9	8.39	8.39	10.7	10.7	8.40	8.40	10.7	10.7	11.6	11.6	11.6	11.6	11.6	11.6
IM4	Fine	Calm	09:52	16.1	S	0.54	236	17.62	17.62	31.63	31.63	8.21	114.5	9.03	9.04	3.7	3.1	2.8	2.7	2.8	2.8	2.8	2.7				
						0.54	236	17.65	17.65	31.63	31.63	8.20	114.7	9.04	9.04	3.7	3.1	8.89	8.89	3.7	3.1	2.5	2.5	2.5	2.5		
						1.22	323	17.51	17.51	31.61	31.62	8.20	110.4	8.73	8.75	3.1	2.8	8.89	8.89	3.1	2.8	3.6	3.6	3.6	3.6	4.5	
						0.59	237	17.51	17.51	31.62	31.62	8.19	110.8	8.76	8.76	2.4	2.4	8.89	8.89	2.4	2.4	3.6	3.6	3.6	3.6	3.6	4.5
						1.13	264	17.45	17.45	31.73	31.73	8.19	108.0	8.54	8.52	8.2	8.4	8.52	8.52	8.2	8.4	7.1	7.1	7.1	7.1	7.2	7.2
						0.62	325	17.45	17.45	31.72	31.72	8.19	107.4	8.50	8.50	8.2	8.2	8.52	8.52	8.2	8.2	7.2	7.2	7.2	7.2	7.2	7.2
IM5	Fine	Calm	09:29	15.0	M	0.46	308	17.50	17.51	31.57	31.58	8.20	113.6	8.99	9.01	1.6	1.8	2.5	2.7	2.5	2.5	2.5	2.7				
						0.46	308	17.51	17.51	31.59	31.59	8.21	114.0	9.02	9.02	2.0	1.8	8.92	8.92	2.0	1.8	2.8	2.8	2.8	2.7		
						0.34	285	17.40	17.40	31.63	31.62	8.20	111.5	8.83	8.84	1.5	1.5	8.92	8.92	1.5	1.5	3.5	3.5	3.5	3.6	4.1	
						1.19	274	17.40	17.40	31.61	31.61	8.20	111.6	8.84	8.84	1.5	1.5	8.92	8.92	1.5	1.5	3.7	3.7	3.7	3.7	3.6	4.1
						0.42	27	17.39	17.39	31.81	31.80	8.20	110.0	8.71	8.72	3.7	3.7	8.72	8.72	3.7	3.7	5.7	5.7	5.7	5.7	5.9	5.9
						0.56	182	17.39	17.39	31.79	31.80	8.20	110.2	8.72	8.72	3.6	3.7	8.72	8.72	3.6	3.7	6.1	6.1	6.1	6.1	6.1	5.9
IM6	Fine	Calm	09:14	15.2	S	0.90	312	17.40	17.40	31.72	31.71	8.20	113.5	8.99	9.00	1.2	1.8	1.7	1.8	1.7	1.7	1.7	1.8				
						0.43	228	17.40	17.40	31.70	31.70	8.20	113.7	9.00	9.00	2.4	2.4	8.90	8.90	2.4	2.4	1.9	1.9	1.9	1.8		
						0.87	268	17.38	17.38	31.78	31.80	8.19	111.0	8.79	8.80	1.6	1.6	8.90	8.90	1.6	1.6	2.5	2.5	2.5	2.5	2.7	
						0.76	283	17.37	17.37	31.82	31.82	8.18	111.2	8.81	8.81	1.5	1.5	8.90	8.90	1.5	1.5	2.9	2.9	2.9	2.9	2.9	3.0
						0.44	301	17.32	17.32	31.90	31.90	8.17	108.1	8.56	8.57	5.7	5.6	8.57	8.57	5.7	5.6	4.5	4.5	4.5	4.5	4.4	4.4
						0.32	246	17.32	17.32	31.90	31.90	8.17	108.3	8.58	8.58	5.4	5.4	8.57	8.57	5.4	5.4	4.3	4.3	4.3	4.3	4.3	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; B: 1 m above the seabed

Date: 2021/02/03

Tide: Mid-Ebb

Water Quality Monitoring Data Log Sheet

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	Value	Average	Value	Average	Value	Average	Value	Average	
E2	Fine	Moderate	15:35	8.8	S	0.67	22	18.20	18.21	30.85	30.86	8.17	116.1	9.10	2.3	4.4	9.12	2.4	4.4	2.3	4.4	4.8	4.6					
						0.67	22	18.21	18.21	30.86	30.86	8.17	116.5	9.13	2.4	4.8	9.02	2.4	4.8	2.4	4.8	5.6	5.7	5.6	5.6			
						0.74	288	18.17	18.17	30.87	30.88	8.15	113.6	8.91	2.4	5.6	8.92	2.5	5.7	2.5	5.7	5.6	5.7	6.2	6.2	6.5	6.5	
						0.63	286	18.16	18.16	30.89	30.91	8.15	113.8	8.93	3.3	6.2	8.69	3.3	6.2	3.0	6.7	3.0	6.7	6.7	6.7	6.7	6.7	6.7
						0.32	353	18.12	18.12	30.92	30.91	8.12	109.8	8.62	8.12	110.8	8.76	3.3	6.2	8.69	3.0	6.7	3.0	6.7	6.7	6.7	6.7	6.7
						0.81	206	18.16	18.16	30.90	30.90	8.14	111.7	8.76	8.14	111.7	8.76	3.0	6.7	8.69	3.0	6.7	3.0	6.7	6.7	6.7	6.7	6.7
IM3	Fine	Moderate	17:05	15.1	S	0.78	131	17.95	17.95	31.08	31.09	8.29	119.2	9.38	1.6	4.4	9.56	1.6	4.4	1.6	4.4	4.4	4.3					
						0.88	78	17.95	17.95	31.10	31.09	8.29	123.8	9.74	1.7	4.1	8.92	1.7	4.1	1.7	4.1	4.1	4.1	4.1	4.1	4.1		
						1.33	112	17.52	17.53	31.55	31.55	8.19	104.7	8.28	8.19	104.7	8.27	4.9	9.7	8.27	4.9	9.7	9.7	9.5	9.5	9.0	9.0	
						1.28	82	17.53	17.53	31.55	31.55	8.18	104.4	8.26	8.18	104.4	8.26	4.9	9.7	8.27	4.9	9.7	4.9	9.7	9.3	9.3	9.3	9.3
						1.42	70	17.41	17.41	31.59	31.59	8.21	106.0	8.40	8.21	106.0	8.40	11.5	12.1	8.41	11.5	12.1	11.5	12.1	13.3	13.1	13.1	13.1
						0.47	63	18.25	18.24	30.84	30.86	8.27	119.4	9.35	8.27	119.4	9.35	1.0	1.0	9.39	1.0	1.0	1.0	1.0	5.1	5.0	5.0	5.0
IM4	Fine	Moderate	16:42	16.1	M	0.47	63	18.22	18.22	30.87	30.86	8.27	120.2	9.42	1.0	4.8	9.39	1.0	4.8	1.0	4.8	4.8	4.8					
						0.60	121	17.93	17.93	31.14	31.13	8.22	111.4	8.76	1.6	5.6	8.81	1.6	5.6	1.6	5.6	5.6	5.6	5.5	5.5	5.5		
						0.84	142	17.93	17.93	31.11	31.11	8.23	112.6	8.86	1.4	5.4	8.70	1.4	5.4	1.4	5.4	1.4	5.4	5.4	5.4	5.4	5.4	
						0.52	6	17.44	17.44	31.54	31.54	8.21	109.7	8.69	8.21	109.7	8.70	2.9	6.0	8.70	2.9	6.0	2.9	6.0	5.9	6.0	6.0	6.0
						0.75	311	17.44	17.44	31.53	31.54	8.21	110.0	8.71	8.21	110.0	8.71	2.2	6.1	8.71	2.2	6.1	2.2	6.1	6.1	6.1	6.1	
						0.44	333	18.02	18.01	30.89	30.90	8.29	129.0	10.15	8.29	129.0	10.15	0.7	4.3	10.20	0.7	4.3	0.7	4.3	4.3	4.3	4.3	4.3
IM5	Fine	Moderate	16:00	15.0	S	0.44	333	18.00	18.00	30.91	30.90	8.29	130.2	10.24	0.7	4.3	10.20	0.7	4.3	0.7	4.3	4.3	4.3					
						0.43	208	17.83	17.84	31.10	31.09	8.24	118.9	9.37	1.7	4.7	9.45	1.7	4.7	1.7	4.7	1.7	4.7	5.2	5.2	5.2	5.2	
						0.95	197	17.85	17.85	31.07	31.07	8.25	120.8	9.52	8.25	120.8	9.52	1.4	5.5	9.45	1.4	5.5	1.4	5.5	5.5	5.5	5.5	
						1.50	267	17.68	17.65	31.25	31.29	8.20	112.2	8.86	8.20	112.2	8.86	3.6	5.8	8.78	3.6	5.8	3.6	5.8	5.8	5.8	5.8	5.8
						0.23	3	17.62	17.65	31.33	31.29	8.19	110.1	8.70	8.19	110.1	8.70	5.3	5.8	8.78	5.3	5.8	5.3	5.8	5.8	5.8	5.8	5.8
						0.93	298	17.69	17.69	31.38	31.38	8.24	117.3	9.28	8.24	117.3	9.28	1.6	4.0	9.28	1.6	4.0	1.6	4.0	3.8	4.0	4.0	4.0
IM6	Fine	Moderate	16:16	16.0	M	0.89	289	17.69	17.69	31.38	31.38	8.24	117.8	9.30	1.4	4.1	9.28	1.4	4.1	1.4	4.1	4.1	4.1					
						0.41	191	17.62	17.63	31.48	31.47	8.22	112.9	8.92	8.22	112.9	8.92	1.7	4.8	9.00	1.7	4.8	1.7	4.8	4.8	4.9	4.7	
						0.22	198	17.64	17.63	31.46	31.47	8.23	114.9	9.07	8.23	114.9	9.07	1.7	4.8	9.00	1.7	4.8	1.7	4.8	5.0	5.0	5.0	
						0.60	148	17.48	17.48	31.59	31.59	8.20	109.4	8.66	8.20	109.4	8.66	2.9	5.3	8.65	2.9	5.3	2.9	5.3	5.3	5.3	5.3	
						0.34	151	17.48	17.48	31.59	31.59	8.20	109.2	8.64	8.20	109.2	8.64	2.5	5.1	8.65	2.5	5.1	2.5	5.1	5.1	5.1	5.1	
						0.34	151	17.48	17.48	31.59	31.59	8.20	109.2	8.64	8.20	109.2	8.64	2.5	5.1	8.65	2.5	5.1	2.5	5.1	5.1	5.1	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; S: 1 m above the seabed

Date: 2021/02/03

Tide: Mid-Flood

Water Quality Monitoring Data Log Sheet

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	Value	Average	Value	Average	Value	Average
F2	Fine	Moderate	09:46	19.0	S	1.53	271	17.30	17.30	31.50	31.51	8.20	8.21	110.2	110.4	8.75	8.77	0.6	0.6	5.0	5.1				
						2.31	234	17.30	17.30	31.51	31.51	8.21	8.21	110.6	110.4	8.79	8.79	0.6	0.6	5.2	5.1				
						1.34	317	17.27	17.27	31.51	31.52	8.18	8.19	108.0	108.1	8.58	8.59	1.4	1.4	6.7	6.5	8.5	8.5		
						0.47	93	17.26	17.23	31.53	31.53	8.19	8.17	107.6	106.8	8.56	8.50	1.1	1.1	6.3	6.3	14.1	13.9		
						0.99	317	17.23	17.44	31.52	31.54	8.16	8.27	106.0	109.5	8.56	8.68	9.3	8.43	13.7	13.7				
						1.02	247	17.44	17.44	31.54	31.54	8.27	8.27	109.6	109.5	8.68	8.68	3.4	3.6	6.8	6.6				
F3	Fine	Moderate	10:24	17.2	M	1.01	326	17.43	17.43	31.54	31.54	8.27	8.27	108.6	108.6	8.60	8.60	3.8	3.5	7.9	7.9	7.7	7.7		
						0.96	309	17.43	17.43	31.54	31.54	8.27	8.27	108.6	108.6	8.60	8.60	3.3	3.3	7.8	7.8				
						0.80	335	17.44	17.44	31.54	31.54	8.26	8.27	108.0	108.1	8.56	8.57	7.2	6.1	8.4	8.5				
						0.69	3	17.44	17.44	31.54	31.54	8.27	8.27	108.2	108.1	8.57	8.57	6.1	6.7	8.6	8.6				
						1.32	297	17.96	17.96	30.64	30.65	8.32	8.32	114.5	115.3	9.03	9.09	0.8	0.8	3.2	3.1				
						1.32	297	17.96	17.96	30.66	30.66	8.32	8.32	116.1	116.1	9.15	9.15	0.5	0.5	2.9	2.9				
IM3	Fine	Moderate	11:44	15.0	M	1.66	256	17.50	17.50	31.54	31.54	8.28	8.28	108.3	108.8	8.57	8.61	4.5	4.2	4.0	3.9	4.0	4.0		
						0.72	279	17.49	17.49	31.54	31.54	8.28	8.28	109.3	109.3	8.65	8.65	3.9	3.9	3.7	3.7				
						0.59	172	17.45	17.45	31.61	31.61	8.27	8.27	105.9	105.8	8.38	8.37	11.3	11.6	5.4	5.2				
						0.49	226	17.45	17.45	31.60	31.60	8.26	8.26	105.6	105.6	8.36	8.37	11.9	11.9	5.0	5.0				
						0.94	256	17.86	17.86	30.93	30.93	8.31	8.31	115.1	115.4	9.08	9.11	0.8	0.8	3.3	3.3				
						0.94	256	17.85	17.85	30.93	30.93	8.31	8.31	115.7	115.4	9.13	9.11	0.8	0.8	3.2	3.2				
IM4	Fine	Moderate	11:17	16.2	M	0.97	323	17.74	17.74	31.12	31.12	8.30	8.30	112.1	112.3	8.85	8.87	1.1	1.1	4.0	4.2	4.3	4.3		
						0.22	283	17.74	17.74	31.11	31.11	8.30	8.30	112.5	112.5	8.88	8.88	1.1	1.1	4.3	4.3				
						0.44	89	17.74	17.74	31.12	31.12	8.30	8.30	111.5	111.6	8.80	8.81	3.0	3.0	5.2	5.2				
						0.93	241	17.74	17.74	31.12	31.12	8.30	8.30	111.6	111.6	8.81	8.81	3.7	3.4	5.6	5.4				
						1.61	293	17.88	17.89	31.06	31.06	8.31	8.31	114.4	114.7	9.01	9.04	1.4	1.1	3.4	3.3				
						1.57	264	17.90	17.90	31.05	31.05	8.31	8.31	115.0	115.0	9.06	9.06	0.7	0.7	3.2	3.2				
IM5	Fine	Moderate	10:53	15.1	M	0.54	274	17.81	17.82	31.11	31.11	8.30	8.30	112.3	112.8	8.86	8.89	3.7	3.3	4.8	5.0	4.6	4.6		
						0.68	266	17.82	17.82	31.11	31.11	8.30	8.30	113.2	113.2	8.92	8.92	2.9	2.9	5.6	5.6				
						0.99	257	17.81	17.81	31.13	31.13	8.30	8.30	111.2	111.5	8.77	8.79	5.6	5.6	5.6	5.5				
						0.25	341	17.80	17.80	31.13	31.13	8.30	8.30	111.7	111.5	8.81	8.79	9.5	7.6	5.3	5.3				
						0.27	288	17.53	17.53	31.48	31.48	8.28	8.28	110.3	110.3	8.73	8.73	3.5	3.4	7.1	6.9				
						0.65	328	17.53	17.53	31.48	31.48	8.28	8.28	110.3	110.3	8.73	8.73	3.2	3.2	6.7	6.7				
IM6	Fine	Moderate	10:35	16.1	M	1.29	300	17.52	17.52	31.48	31.48	8.28	8.28	109.6	109.7	8.67	8.68	5.4	4.8	8.5	8.3	9.4	9.4		
						0.30	147	17.52	17.52	31.48	31.48	8.28	8.28	109.8	109.8	8.69	8.68	4.2	4.2	8.1	8.1				
						0.39	213	17.52	17.52	31.47	31.47	8.28	8.28	108.5	108.7	8.59	8.60	8.4	8.4	12.8	12.8				
						0.17	63	17.53	17.53	31.47	31.47	8.28	8.28	108.8	108.8	8.61	8.60	9.0	8.7	13.3	13.1				
						0.17	63	17.53	17.53	31.47	31.47	8.28	8.28	108.8	108.8	8.61	8.60	9.0	8.7	13.3	13.1				
						0.17	63	17.53	17.53	31.47	31.47	8.28	8.28	108.8	108.8	8.61	8.60	9.0	8.7	13.3	13.1				

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

Date: 2021/02/05

Tide: Mid-Ebb

Water Quality Monitoring Data Log Sheet

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	Value	Average	Value	Average
E2	Fine	Moderate	17:56	9.1	S	0.52	303	18.44	18.44	30.82	30.82	8.31	132.0	10.30	0.8	5.4	0.8	10.23	0.8	6.3	0.8	5.9	
						0.52	303	18.44	18.44	30.82	30.82	8.31	132.1	10.31	0.8	6.3	0.8	10.23	0.8	6.3	0.8	5.9	
						0.36	10	18.43	18.43	30.82	30.82	8.30	126.9	10.06	1.1	4.5	1.1	1.0	1.7	0.8	4.5	1.0	4.8
						0.56	156	18.43	18.43	30.82	30.82	8.31	131.0	10.23	0.8	5.0	0.8	0.8	3.5	0.8	5.0	0.8	4.8
						0.19	163	18.26	18.26	30.92	30.92	8.24	119.6	9.36	3.8	3.5	3.8	3.3	3.3	3.5	3.8	3.3	3.4
						0.36	94	18.32	18.29	30.88	30.88	8.26	120.5	9.42	2.7	3.3	2.7	2.7	3.3	2.7	3.3	2.7	3.3
IM3	Fine	Moderate	19:24	15.0	S	0.61	273	18.13	18.14	30.96	30.96	8.31	115.3	9.05	0.8	1.6	0.8	9.08	0.8	1.6	0.8	1.8	
						0.36	69	18.14	18.14	30.96	30.96	8.32	116.2	9.11	0.9	1.9	0.9	0.9	1.9	0.9	1.9	0.9	1.9
						0.56	323	17.62	17.62	31.36	31.36	8.28	110.9	8.76	1.6	3.7	1.6	1.4	2.6	1.6	3.7	1.6	3.5
						0.74	276	17.62	17.62	31.36	31.36	8.28	111.0	8.77	1.1	3.3	1.1	1.1	2.6	1.1	3.3	1.1	3.3
						0.69	120	17.42	17.42	31.46	31.46	8.26	107.2	8.50	5.4	8.4	5.4	5.6	8.4	5.4	8.4	5.4	8.7
						0.63	64	17.42	17.42	31.46	31.46	8.25	105.5	8.36	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
IM4	Fine	Moderate	18:58	16.2	S	0.52	206	18.33	18.34	30.74	30.74	8.36	126.2	9.88	0.2	3.2	0.2	9.89	0.2	3.2	0.2	2.9	
						0.97	248	18.34	18.34	30.74	30.74	8.36	126.5	9.90	0.2	2.6	0.2	0.2	2.6	0.2	2.6	0.2	2.6
						0.03	309	18.22	18.23	30.85	30.86	8.34	121.8	9.54	0.6	5.9	0.6	0.5	1.2	0.6	5.9	0.6	5.7
						0.64	334	18.23	18.23	30.86	30.86	8.35	124.4	9.75	0.4	5.4	0.4	0.4	5.4	0.4	5.4	0.4	5.4
						0.56	4	17.66	17.66	31.37	31.37	8.25	107.9	8.52	8.44	8.44	8.44	3.0	7.5	8.44	3.0	7.5	
						1.01	167	17.65	17.65	31.37	31.37	8.24	105.7	8.35	6.7	7.1	6.7	7.1	6.7	7.1	6.7	7.1	
IM5	Fine	Moderate	18:20	15.0	S	0.28	245	18.11	18.11	30.84	30.84	8.35	127.2	9.99	0.9	7.4	0.9	10.17	0.9	7.4	0.9	7.6	
						0.56	284	18.11	18.11	30.84	30.84	8.36	131.7	10.34	0.4	7.8	0.4	0.4	7.8	0.4	7.8	0.4	7.6
						0.42	31	17.57	17.57	31.34	31.34	8.24	109.0	8.62	4.3	7.1	4.3	4.3	4.6	4.3	7.1	4.3	7.1
						0.28	187	17.57	17.57	31.34	31.34	8.24	109.1	8.63	4.3	7.1	4.3	4.3	4.6	4.3	7.1	4.3	7.1
						0.43	69	17.56	17.56	31.36	31.36	8.23	109.2	8.64	8.5	6.6	8.5	8.7	6.6	8.5	8.7	6.6	6.4
						0.72	118	17.56	17.56	31.36	31.36	8.23	107.7	8.52	8.9	6.2	8.9	8.9	6.2	8.9	8.9	6.2	6.4
IM6	Fine	Moderate	18:34	16.1	S	0.95	182	17.98	17.98	31.26	31.26	8.36	127.4	10.00	0.7	3.0	0.7	10.06	0.7	3.0	0.7	3.5	
						0.95	182	17.98	17.98	31.26	31.26	8.36	128.8	10.11	0.6	3.9	0.6	0.6	3.9	0.6	3.9	0.6	3.5
						0.80	248	17.78	17.78	31.56	31.56	8.32	120.4	9.47	1.0	3.2	1.0	1.0	3.2	1.0	3.2	1.0	3.1
						0.70	118	17.78	17.78	31.56	31.56	8.32	121.7	9.58	0.9	2.9	0.9	0.9	2.9	0.9	2.9	0.9	2.9
						0.23	1	17.68	17.68	31.68	31.68	8.30	118.8	9.36	1.2	2.6	1.2	1.2	2.6	1.2	2.6	1.2	2.6
						0.43	97	17.68	17.68	31.68	31.68	8.30	117.7	9.27	1.3	2.6	1.3	1.3	2.6	1.3	2.6	1.3	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; B: 1 m above the seabed

Date: 2021/02/05

Tide: Mid-Flood

Water Quality Monitoring Data Log Sheet

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	Value	Average
F2	Fine	Moderate	11:11	19.1	S	0.78	124	17.56	31.41	8.24	121.1	9.58	0.6	9.58	2.6	2.8					
						0.78	124	17.56	31.43	8.24	121.2	9.58	0.5	9.58	3.0	2.8					
						1.24	250	17.45	31.41	8.22	116.1	9.20	0.5	9.20	3.2	3.1					
						0.37	338	17.45	31.42	8.22	117.1	9.28	0.7	9.28	2.9	2.9					
						0.52	0	17.43	31.61	8.18	112.5	8.91	2.2	8.86	4.9	4.6					
						0.67	258	17.44	31.58	8.18	111.2	8.81	3.0	8.86	4.2	4.6					
F3	Fine	Moderate	11:52	17.1	S	1.02	256	17.64	31.47	8.29	119.0	9.39	0.9	9.48	4.1	4.0					
						1.25	357	17.64	31.47	8.30	121.2	9.57	0.5	9.57	3.9	3.9					
						0.65	290	17.47	31.63	8.25	114.9	8.85	1.5	8.88	4.0	4.1					
						0.91	289	17.47	31.64	8.25	112.6	8.91	1.0	8.91	4.1	4.1					
						0.41	263	17.45	31.67	8.24	111.3	8.81	1.9	8.79	4.2	4.4					
						0.30	297	17.45	31.68	8.24	110.7	8.76	1.7	8.79	4.6	4.4					
IM3	Fine	Moderate	13:04	15.2	S	0.61	265	18.31	30.59	8.33	122.4	9.59	0.3	9.64	1.8	1.9					
						0.61	265	18.34	30.59	8.33	123.8	9.69	0.2	9.69	2.0	2.0					
						0.52	251	17.63	31.12	8.29	113.7	9.00	1.3	9.36	2.1	2.1					
						0.58	342	17.61	31.11	8.30	115.9	9.17	0.7	9.09	2.1	2.1					
						0.25	237	17.36	31.54	8.26	107.8	8.55	7.4	8.51	9.2	8.9					
						0.58	291	17.35	31.53	8.25	106.7	8.47	8.9	8.51	8.6	8.6					
IM4	Fine	Moderate	12:40	16.2	S	0.26	283	18.34	30.64	8.33	124.1	9.72	0.1	9.69	2.3	2.1					
						0.26	283	18.37	30.64	8.33	123.4	9.65	0.0	9.65	1.9	2.1					
						0.50	161	18.03	30.86	8.34	121.1	9.52	0.6	9.65	3.6	3.3					
						1.27	286	18.03	30.85	8.34	123.6	9.72	0.4	9.62	2.9	3.3					
						0.99	201	17.59	31.40	8.27	111.1	8.78	3.3	8.67	6.6	6.8					
						0.56	87	17.56	31.42	8.26	108.1	8.55	3.9	8.67	6.9	6.9					
IM5	Fine	Moderate	12:19	15.2	M	0.47	218	18.40	30.73	8.34	125.9	9.84	0.4	9.90	3.3	3.5					
						1.24	312	18.42	30.85	8.34	127.4	9.95	0.3	9.95	3.7	3.7					
						1.07	291	17.74	31.04	8.30	116.8	9.23	0.8	9.28	4.3	4.1					
						0.50	286	17.74	31.05	8.30	118.0	9.32	0.8	9.32	3.9	3.9					
						0.67	80	17.62	31.31	8.27	112.4	8.89	1.7	8.87	6.9	5.6					
						1.07	261	17.61	31.32	8.26	112.0	8.85	2.0	8.87	4.3	4.3					
IM6	Fine	Moderate	12:05	16.2	S	0.55	320	17.71	31.32	8.31	121.7	9.60	0.9	9.66	4.0	4.5					
						0.86	276	17.74	31.32	8.32	123.3	9.72	1.0	9.72	4.9	4.9					
						0.60	35	17.54	31.36	8.27	114.6	9.07	1.7	9.16	5.4	5.7					
						0.21	181	17.59	31.36	8.29	116.8	9.24	1.3	9.16	5.9	5.9					
						0.72	14	17.38	31.45	8.25	111.8	8.87	3.4	8.83	7.5	7.3					
						0.72	14	17.39	31.45	8.25	110.7	8.78	3.0	8.83	7.1	7.1					

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

Water Quality Monitoring Data Log Sheet

Date: 2021/02/20

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	Value	Average
E1	Fine	Calm	19:08	9.0	S	0.11	235	19.38	30.77	8.36	113.2	8.68	8.71	0.9	0.8	2.2	1.9				
						0.52	189	19.35	30.75	8.36	113.8	8.74	0.7	0.8	1.6	1.9					
						0.52	156	18.98	30.77	8.34	104.4	8.07	1.1	1.0	2.2	2.0					
						0.61	150	18.97	30.78	8.34	108.8	8.41	0.8	2.1	1.8	2.4					
						0.08	60	18.72	31.88	8.27	92.3	7.12	4.7	4.7	3.0	3.3					
						0.18	216	18.72	31.88	8.27	91.5	7.06	4.6	4.7	3.6	3.3					
IM1	Fine	Calm	18:32	9.9	S	0.51	51	19.69	31.82	8.29	111.3	8.44	8.51	1.6	1.5	1.2	1.4				
						0.45	191	19.72	31.83	8.29	113.3	8.58	1.3	1.6	1.6	1.4					
						0.25	323	18.85	31.96	8.24	100.6	7.74	1.9	2.0	2.0	1.8					
						0.51	169	18.92	31.95	8.24	100.4	7.71	2.1	2.3	1.6	1.8					
						0.94	113	18.72	32.01	8.31	100.6	7.76	3.2	3.4	4.1	4.0					
						0.73	114	18.71	32.01	8.26	99.3	7.66	3.6	3.8	3.8	3.8					
IM2	Fine	Calm	18:54	11.8	S	0.85	190	19.50	30.90	8.34	113.8	8.70	8.71	0.8	0.9	2.4	2.3				
						0.48	304	19.51	30.91	8.34	114.1	8.72	0.9	2.2	2.2	2.2					
						0.64	286	19.00	31.38	8.32	110.2	8.48	1.0	1.0	3.0	2.8					
						0.85	196	19.02	31.35	8.33	110.4	8.50	0.9	1.7	2.5	2.8					
						0.32	170	18.69	31.98	8.28	98.8	7.62	3.2	3.3	3.3	3.3					
						0.18	336	18.69	31.98	8.28	97.0	7.48	3.4	3.3	3.2	3.3					

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/02/20

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	Value	Average	Value	Average	Value	Average	Value	Average
F1	Fine	Calm	11:15	20.0	S	0.41	237	18.88	18.94	31.98	31.95	8.25	8.26	106.1	107.1	8.16	8.23	1.0	1.0	1.2	1.3						
						0.82	268	18.99	18.99	31.91	31.95	8.26	8.29	108.0	107.1	8.29	8.29	0.9	0.9	1.4	1.3						
						0.92	343	18.71	18.71	32.06	32.06	8.23	8.23	101.2	102.4	7.80	7.89	1.6	1.6	2.8	2.5	2.9	2.9				
						0.55	260	18.71	18.71	32.06	32.06	8.23	8.23	103.5	103.5	7.98	7.98	0.8	0.8	2.2	2.2	2.2	2.2				
						0.46	41	18.59	18.59	32.16	32.17	8.20	8.20	98.6	97.7	7.61	7.54	6.2	6.2	2.5	2.5	4.8	4.8				
						0.20	257	18.59	18.59	32.17	32.17	8.20	8.20	96.8	97.7	7.47	7.47	7.6	7.6	7.1	7.1	7.1	7.1				
IM1	Fine	Calm	10:55	10.0	S	0.09	332	19.09	19.10	31.90	31.90	8.23	8.23	104.1	104.1	7.98	7.98	1.8	1.8	1.6	1.6						
						0.14	258	19.10	19.10	31.90	31.90	8.23	8.23	104.1	104.1	7.97	7.97	1.8	1.8	1.5	1.5						
						0.79	290	18.94	19.00	31.95	31.93	8.22	8.22	100.6	101.7	7.73	7.80	2.3	2.2	1.6	1.8	2.1	2.1				
						0.17	9	19.06	19.00	31.91	31.93	8.22	8.22	102.7	102.7	7.87	7.80	2.0	2.0	1.9	1.9	1.9	1.8	2.1	2.1		
						0.29	218	18.74	18.74	32.00	32.00	8.20	8.20	98.4	98.0	7.58	7.55	2.4	2.4	2.4	2.4	2.4	2.9				
						0.15	227	18.74	18.74	32.00	32.00	8.20	8.20	97.6	98.0	7.52	7.55	2.4	2.4	2.4	2.4	3.4	2.9				
IM2	Fine	Calm	10:31	11.8	S	2.71	273	18.93	18.93	30.99	30.98	8.17	8.17	100.0	99.9	7.73	7.72	0.8	0.8	1.3	1.3						
						2.71	273	18.93	18.93	30.96	30.98	8.17	8.17	99.8	99.9	7.71	7.71	0.8	0.8	1.3	1.3						
						0.31	43	19.22	19.19	31.79	31.82	8.17	8.17	100.0	100.3	7.65	7.68	2.0	2.0	2.4	2.4	2.8	2.8				
						0.49	147	19.16	19.16	31.84	31.84	8.17	8.17	100.6	100.6	7.70	7.68	1.8	1.8	3.2	3.2	2.8	2.8				
						0.14	61	18.79	18.79	31.95	31.95	8.14	8.15	97.0	96.7	7.47	7.45	3.8	3.8	4.2	4.2	4.3	4.3				
						0.83	89	18.79	18.79	31.95	31.95	8.15	8.15	96.3	96.3	7.42	7.42	4.0	4.0	4.4	4.4	4.4	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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/02/22

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	Value	Average	Value
E1	Fine	Calm	20:53	9.0	S	0.55	132	20.10	20.05	30.66	30.69	8.33	8.33	120.3	9.11	9.33	0.5	0.6	2.3	2.4		
						0.63	179	20.00	30.71	8.33	8.33	125.9	9.55	8.49	0.6	0.6	2.5					
						0.40	193	19.25	30.98	8.22	8.22	99.4	7.63	7.65	0.6	0.5	3.2	3.1				
						0.58	215	19.24	30.99	8.21	8.21	99.7	7.66	7.52	0.3	2.1	3.2					
						0.23	167	18.86	31.80	8.20	8.20	99.3	7.64	7.52	2.0	3.7	3.7	3.8				
						0.31	293	18.85	31.80	8.20	8.20	96.0	7.39	8.91	2.1	3.8	3.8					
IM1	Fine	Calm	20:19	10.0	S	1.30	217	20.32	20.36	31.16	31.15	8.25	8.26	118.5	8.91	8.98	0.5	0.5	<1.0	0.5		
						0.34	119	20.40	31.14	8.26	8.26	120.3	9.04	8.68	0.4	0.4	<1.0					
						0.17	313	19.07	31.75	8.18	8.19	108.5	8.32	8.38	0.2	0.2	1.3	1.2				
						0.15	128	18.96	31.66	8.19	8.19	110.0	8.44	8.06	0.1	1.0	1.0	1.7				
						0.20	304	18.97	31.90	8.14	8.14	105.2	8.08	8.06	1.0	1.0	1.6	1.7				
						0.94	109	20.22	31.21	8.28	8.29	116.6	8.78	8.90	0.6	0.6	1.7	1.6				
IM2	Fine	Calm	20:41	11.8	M	1.03	346	20.26	20.24	31.19	31.20	8.29	8.29	119.7	9.01	8.90	0.5	0.5	1.4	1.6		
						0.42	40	18.88	31.95	8.23	8.23	107.7	7.90	8.43	0.5	0.5	2.0	2.0				
						0.57	201	18.89	31.94	8.23	8.23	104.2	8.01	7.96	0.4	0.4	1.9	2.0				
						0.42	14	18.80	32.20	8.20	8.20	100.0	7.69	7.61	1.4	1.5	2.0	2.0				
						0.42	14	18.79	32.21	8.20	8.20	97.9	7.53	7.61	1.5	1.5	2.0	2.0				
						0.42	14	18.79	32.21	8.20	8.20	97.9	7.53	7.61	1.5	1.5	2.0	2.0				

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: 2021/02/22

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	Value	Average
F1	Fine	Calm	09:24	20.0	S	1.02	157	19.55	31.82	8.20	114.0	8.66	8.73	0.1	0.2	1.8	2.0				
						1.02	157	19.46	31.45	8.20	115.2	8.79	8.56	0.3	2.1						
						0.97	22	18.97	32.19	8.18	108.1	8.29	8.39	0.1	2.4						
						0.42	199	18.97	32.21	8.18	110.7	8.48	8.39	0.2	2.3						
						0.38	269	18.90	32.44	8.13	102.1	7.82	7.77	1.2	3.0						
						0.68	88	18.90	32.44	8.13	100.6	7.71	7.77	1.4	2.6						
IM1	Fine	Calm	09:04	9.8	S	0.40	249	19.30	31.59	8.19	111.2	8.50	8.57	0.6	0.6	1.9	2.1				
						0.48	176	19.40	31.54	8.19	113.1	8.63	8.26	0.6	2.3						
						0.19	56	18.95	31.97	8.14	102.7	7.89	7.95	0.9	1.5						
						0.17	123	18.97	31.95	8.15	104.3	8.01	7.95	0.9	1.0						
						0.39	230	18.90	32.10	8.12	101.8	7.82	7.73	1.2	1.1						
						0.45	281	18.88	32.11	8.12	99.4	7.64	7.73	1.6	1.3						
IM2	Fine	Calm	08:43	11.0	S	0.23	342	19.43	30.96	8.13	104.9	8.03	8.06	0.7	0.7	2.1	1.9				
						0.69	74	19.44	30.92	8.13	105.6	8.08	7.79	0.7	1.6						
						0.31	205	18.77	31.94	8.10	96.7	7.45	7.52	2.0	2.2						
						0.63	103	18.79	31.93	8.10	98.5	7.59	7.52	1.3	2.2						
						0.99	11	18.74	31.96	8.08	96.8	7.46	7.46	2.1	2.2						
						0.90	14	18.74	31.96	8.08	96.6	7.45	7.46	2.4	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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/02/24

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	Value	Average	Value
E1	Cloudy	Calm	22:37	9.3	S	0.47	239	19.82	19.82	30.95	30.95	8.16	8.16	99.80	7.58	0.5	2.2	7.60	0.5	2.2	0.5	2.2
						0.47	239	19.82	30.95	8.16	99.80	7.62	0.5	2.1	7.62	0.5	2.1					
						0.86	194	19.82	31.00	8.15	99.35	7.55	0.5	3.3	7.55	0.5	3.3					
						0.31	99	19.78	31.09	8.15	98.40	7.48	0.5	2.8	7.48	0.5	2.8					
						0.21	69	19.47	32.20	8.18	102.40	7.78	1.9	4.6	7.78	1.9	4.6					
						0.21	69	19.46	32.21	8.18	103.40	7.85	2.1	5.3	7.85	2.1	5.3					
IM1	Cloudy	Calm	22:01	11.1	S	0.05	216	19.49	19.50	32.11	32.12	8.07	8.08	105.00	7.97	0.8	1.8	7.98	0.8	1.8	0.8	2.1
						0.05	216	19.50	32.12	8.08	105.10	7.98	0.8	2.4	7.98	0.8	2.4					
						0.38	247	19.50	32.15	8.03	104.50	7.95	1.0	2.7	7.95	1.0	2.7					
						0.38	247	19.50	32.16	8.03	104.60	7.94	1.0	2.9	7.94	1.0	2.9					
						0.29	203	19.40	32.16	8.05	104.70	7.95	0.9	3.0	7.95	0.9	3.0					
						0.41	99	19.40	32.22	7.90	102.80	7.82	2.6	4.7	7.82	2.6	4.7					
IM2	Cloudy	Calm	22:23	12.2	S	1.11	213	19.71	19.72	31.50	31.50	8.17	8.17	105.50	8.01	0.6	3.2	8.01	0.6	3.2	0.6	3.2
						1.11	213	19.72	31.50	8.16	104.80	7.95	0.7	2.7	7.95	0.7	2.7					
						0.22	101	19.90	32.18	8.18	106.90	8.05	0.5	4.4	8.05	0.5	4.4					
						0.35	118	20.01	32.17	8.18	107.50	8.08	0.4	4.8	8.08	0.4	4.8					
						0.57	76	19.51	32.25	8.16	105.80	8.03	1.7	4.8	8.03	1.7	4.8					
						0.25	126	19.51	32.24	8.17	104.50	7.99	1.8	5.2	7.99	1.8	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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/02/24

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	Value	Average	Value
F1	Cloudy	Calm	10:45	20.2	S	0.57	92	19.57	32.09	8.21	105.90	8.03	8.04	0.6	0.6	1.6	2.1	7.98	0.6	1.1	2.5	2.5
						0.27	314	19.56	32.10	8.21	106.10	8.05	0.6	0.6	2.2	2.5						
						0.63	258	19.39	32.27	8.20	104.10	7.91	0.5	0.5	2.2	2.5						
						1.21	287	19.40	32.27	8.20	104.20	7.92	0.4	0.4	2.8	2.8						
						0.69	151	19.35	32.43	8.18	101.70	7.73	2.2	2.2	6.2	6.4						
						1.10	32	19.35	32.43	8.18	101.10	7.68	2.2	2.2	6.6	6.4						
IM1	Cloudy	Calm	10:25	11.0	S	0.32	234	19.51	32.16	8.19	105.10	7.98	7.97	0.6	0.6	2.5	2.8	7.96	0.6	1.0	3.0	3.0
						0.32	234	19.52	32.17	8.19	104.80	7.95	0.6	0.6	3.0	3.0						
						0.51	177	19.41	32.20	8.18	104.20	7.92	0.6	0.6	3.5	3.0						
						0.38	104	19.39	32.22	8.18	104.80	7.97	0.8	0.8	2.5	2.5						
						0.54	331	19.17	32.44	8.14	100.10	7.63	1.8	1.8	4.2	3.8						
						0.28	107	19.17	32.44	8.15	99.40	7.58	1.7	1.8	3.3	3.3						
IM2	Cloudy	Calm	10:02	12.0	S	0.20	98	19.68	31.94	8.12	107.30	8.13	8.13	0.4	0.5	2.0	1.9	8.08	0.4	0.6	1.7	2.6
						0.20	98	19.68	31.94	8.12	107.30	8.13	0.5	0.5	1.7	1.7						
						0.70	88	19.69	31.92	8.06	105.50	7.99	0.4	0.4	2.7	2.6						
						0.70	88	19.68	31.93	8.08	106.40	8.06	0.3	0.3	2.4	2.4						
						0.44	133	19.25	31.98	7.79	98.90	7.55	1.0	1.0	3.6	3.5						
						0.60	47	19.22	32.03	7.91	98.80	7.54	1.1	1.1	3.3	3.3						

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/02/26

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	Value	Average	Value	Average	Value
E1	Cloudy	Calm	11:31	9.2	S	0.80	155	19.68	31.38	8.11	8.12	96.2	7.31	1.3	1.3	1.4	1.3	7.30	1.1	1.1	1.3	2.2		
						0.80	155	19.67	31.38	8.12	8.12	96.1	7.31	1.2	1.2	1.2	1.2	1.2	1.2	7.30	1.1	1.1	1.3	2.2
						0.35	110	19.58	31.76	8.07	8.09	95.9	7.29	1.7	1.6	1.4	1.4	1.4	1.4	7.29	1.1	1.1	1.3	2.2
						0.49	211	19.57	31.90	8.10	8.10	96.0	7.29	1.4	1.4	1.4	1.4	1.4	1.4	7.29	1.1	1.1	1.3	2.2
						0.07	217	19.56	32.18	7.95	7.99	97.8	7.41	3.1	3.4	3.1	3.1	3.1	3.1	7.41	1.1	1.1	1.3	2.2
						0.16	241	19.56	32.19	8.03	8.03	97.6	7.40	3.7	3.4	3.7	3.7	3.7	3.7	7.40	1.1	1.1	1.3	2.2
IM1	Cloudy	Calm	12:05	10.0	S	0.31	157	19.64	32.43	8.26	8.26	102.7	7.76	1.0	0.9	<1.0	0.5	7.74	<1.0	<1.0	0.8	2.1		
						0.31	157	19.75	32.40	8.26	8.26	103.0	7.77	0.8	0.8	<1.0	0.5	7.74	<1.0	<1.0	0.8	2.1		
						0.20	167	19.51	32.47	8.26	8.26	101.7	7.71	1.6	1.5	1.6	1.5	7.71	1.6	1.6	1.5	2.4		
						0.37	194	19.51	32.47	8.26	8.26	101.9	7.72	1.4	1.4	1.4	1.4	7.72	1.4	1.4	1.5	2.4		
						0.31	162	19.50	32.48	8.26	8.26	100.8	7.64	4.6	4.7	4.6	4.6	7.64	4.6	4.6	4.7	2.4		
						0.54	144	19.50	32.48	8.26	8.26	100.9	7.64	4.8	4.7	4.8	4.8	7.64	4.8	4.8	4.7	2.4		
IM2	Cloudy	Calm	11:42	11.4	S	0.29	17	20.25	32.01	8.20	8.20	100.4	7.51	1.3	1.2	<1.0	0.5	7.58	<1.0	<1.0	0.8	2.1		
						0.29	17	20.27	32.00	8.19	8.19	100.0	7.49	1.1	1.1	1.1	1.1	7.49	1.1	1.1	1.1	1.1		
						0.81	53	19.56	32.37	8.22	8.22	100.9	7.64	1.4	1.4	1.4	1.4	7.64	1.4	1.4	1.4	1.4		
						0.10	217	19.53	32.39	8.22	8.22	101.2	7.67	1.4	1.4	1.4	1.4	7.67	1.4	1.4	1.4	1.4		
						0.45	115	19.50	32.39	8.21	8.21	100.6	7.63	2.4	2.5	2.4	2.4	7.63	2.4	2.4	2.5	2.7		
						0.29	190	19.50	32.39	8.21	8.21	100.0	7.58	2.4	2.5	2.4	2.4	7.58	2.4	2.4	2.5	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

Date: 2021/02/26

Tide: Mid-Flood

Water Quality Monitoring Data Log Sheet

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	Value	Average	Value	Average	Value	Average	Value	Average
F1	Cloudy	Calm	16:01	20.4	S	0.77	314	19.87	32.30	8.18	106.3	8.01	8.03	0.6	0.5	1.4	1.0										
						0.77	314	19.86	32.33	8.18	106.7	8.04	8.03	0.3	0.3	<1.0	1.0										
						0.40	112	19.48	32.41	8.15	101.3	7.68	7.69	0.3	0.3	<1.0	0.5	1.0									
						0.21	118	19.47	32.43	8.16	101.5	7.70	7.70	0.3	0.3	<1.0	0.5	1.0									
						1.09	325	19.45	32.38	8.10	98.9	7.50	7.50	1.2	1.2	1.6	1.5										
						0.29	9	19.45	32.41	8.12	98.8	7.50	7.50	1.4	1.4	1.4	1.5										
IM1	Cloudy	Calm	16:20	10.0	S	0.59	222	20.40	32.31	8.22	107.3	8.00	8.01	0.4	0.4	1.6	1.3										
						0.34	312	20.16	32.32	8.22	107.1	8.02	7.90	0.4	0.4	1.0	1.3										
						0.58	266	19.60	32.38	8.21	102.5	7.76	7.78	0.8	0.8	2.7	2.3	2.6									
						0.82	174	19.58	32.41	8.21	103.0	7.80	7.80	1.0	1.0	1.8	1.8										
						0.32	246	19.54	32.39	8.20	101.0	7.65	7.65	4.1	4.1	4.0	4.1										
						0.32	246	19.54	32.39	8.21	100.9	7.64	7.65	4.3	4.3	4.2	4.1										
IM2	Cloudy	Calm	16:41	12.0	S	0.56	139	19.91	31.16	8.20	98.8	7.49	7.49	0.6	0.6	<1.0	0.5										
						0.29	345	19.91	31.16	8.20	98.9	7.49	7.49	0.5	0.5	<1.0	0.5										
						0.66	72	19.62	32.01	8.21	98.8	7.49	7.48	0.7	0.7	<1.0	0.5	1.2									
						0.37	345	19.61	32.05	8.21	98.6	7.47	7.48	0.7	0.7	<1.0	0.5	1.2									
						0.93	71	19.55	32.35	8.22	99.7	7.55	7.55	2.1	2.1	2.3	2.5										
						0.93	71	19.54	32.36	8.22	99.7	7.55	7.55	2.0	2.0	2.7	2.5										

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

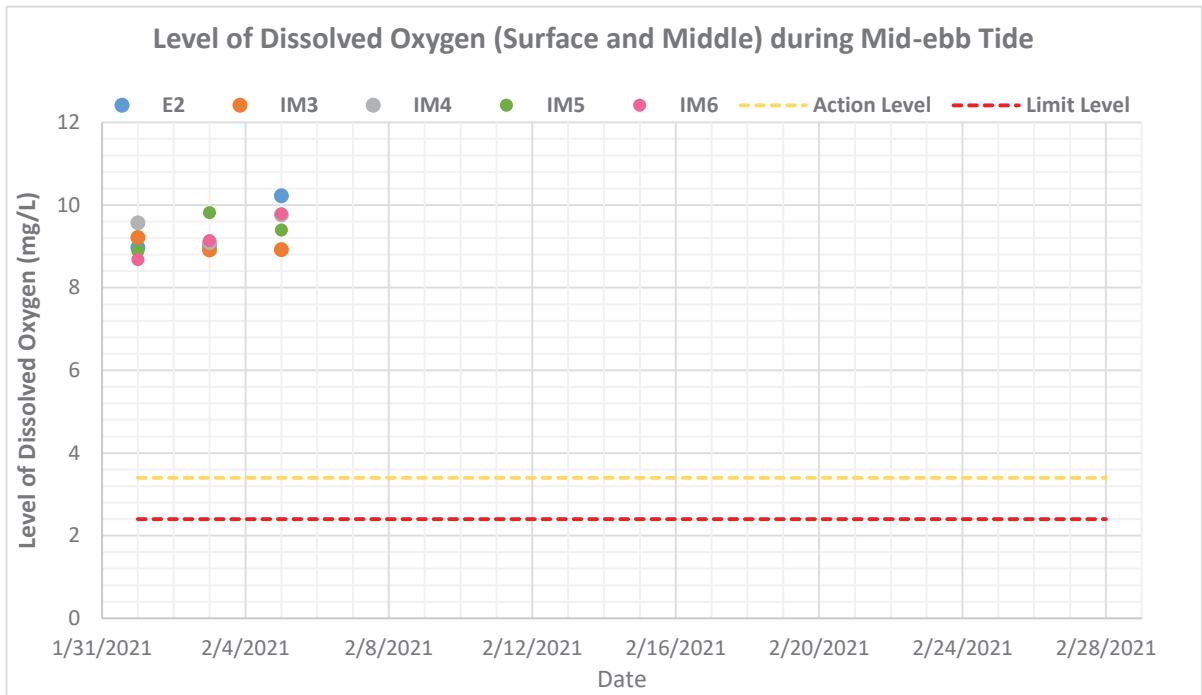


Figure G1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between 1 and 5 February 2021.

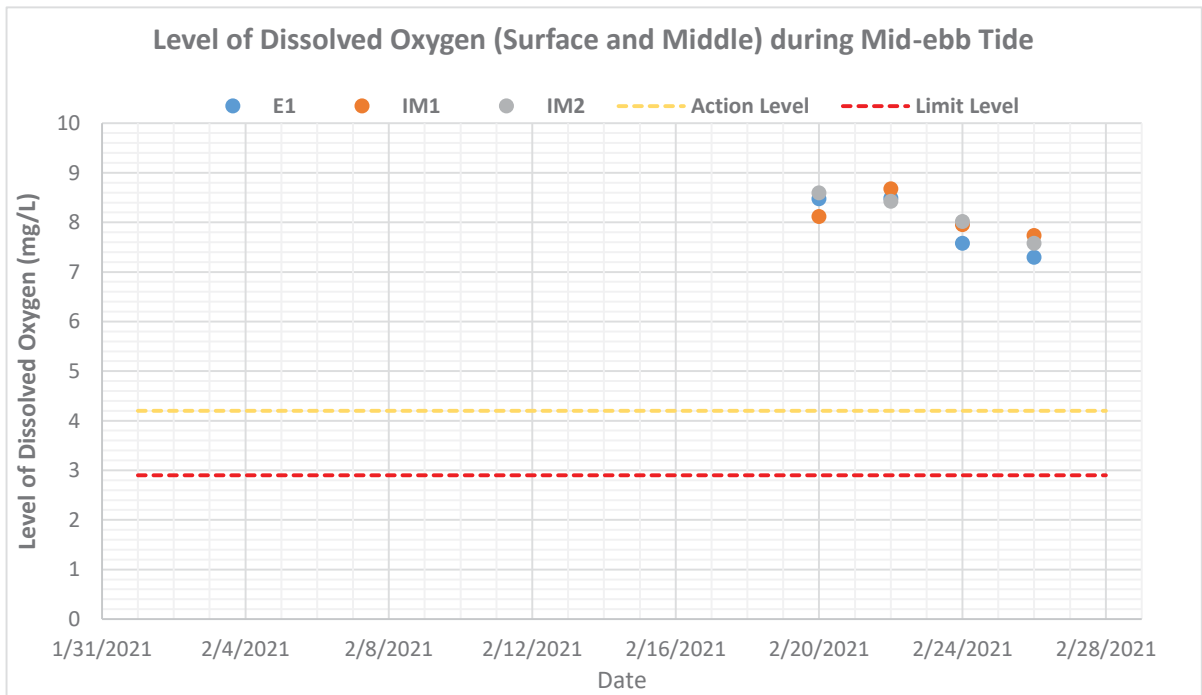


Figure G1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides between 20 and 26 February 2021.

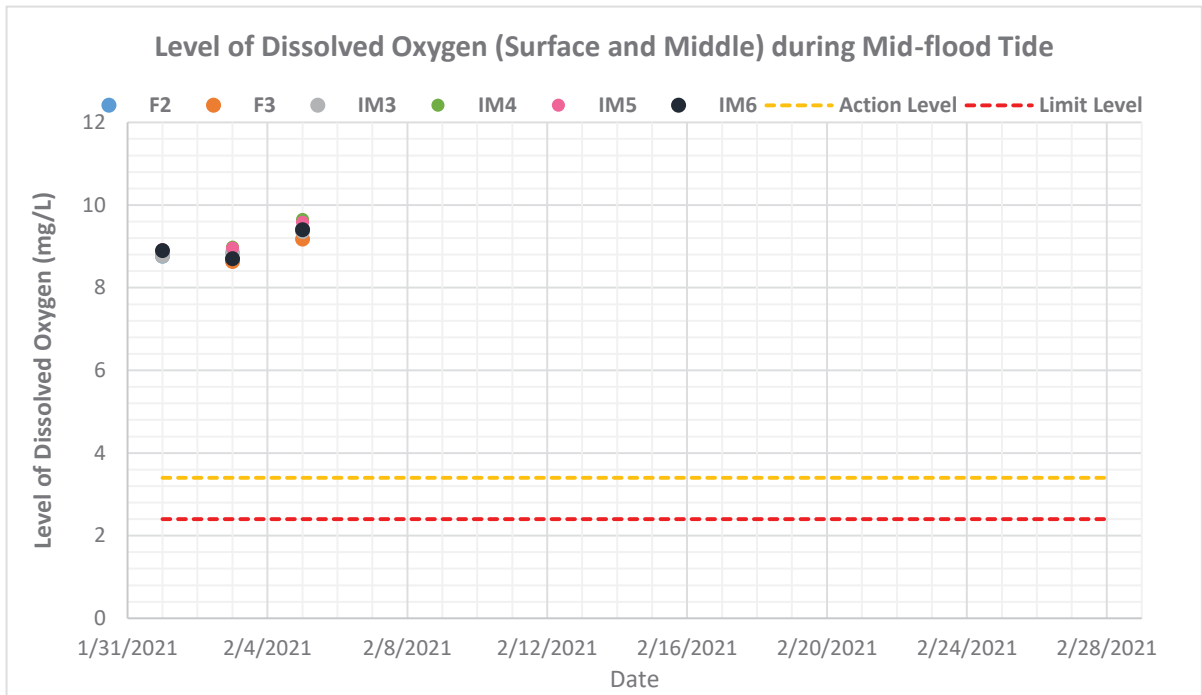


Figure G1c: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between 1 and 5 February 2021.

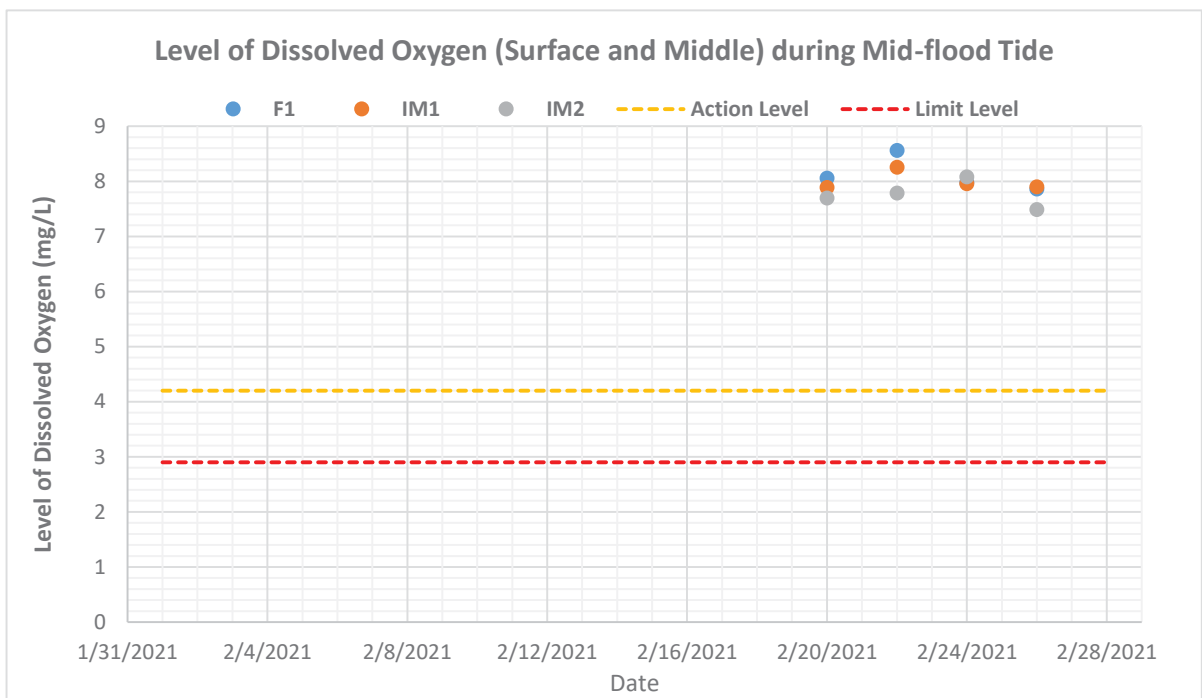


Figure G1d: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides between 20 and 26 February 2021.

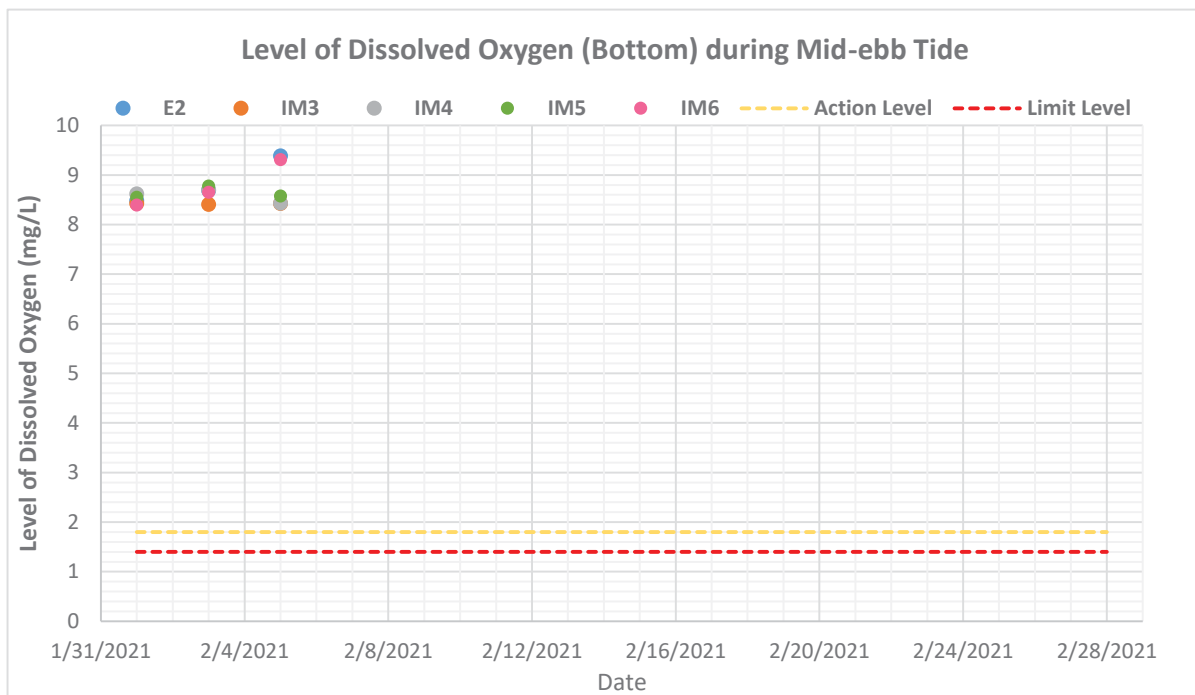


Figure G2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between 1 and 5 February 2021.

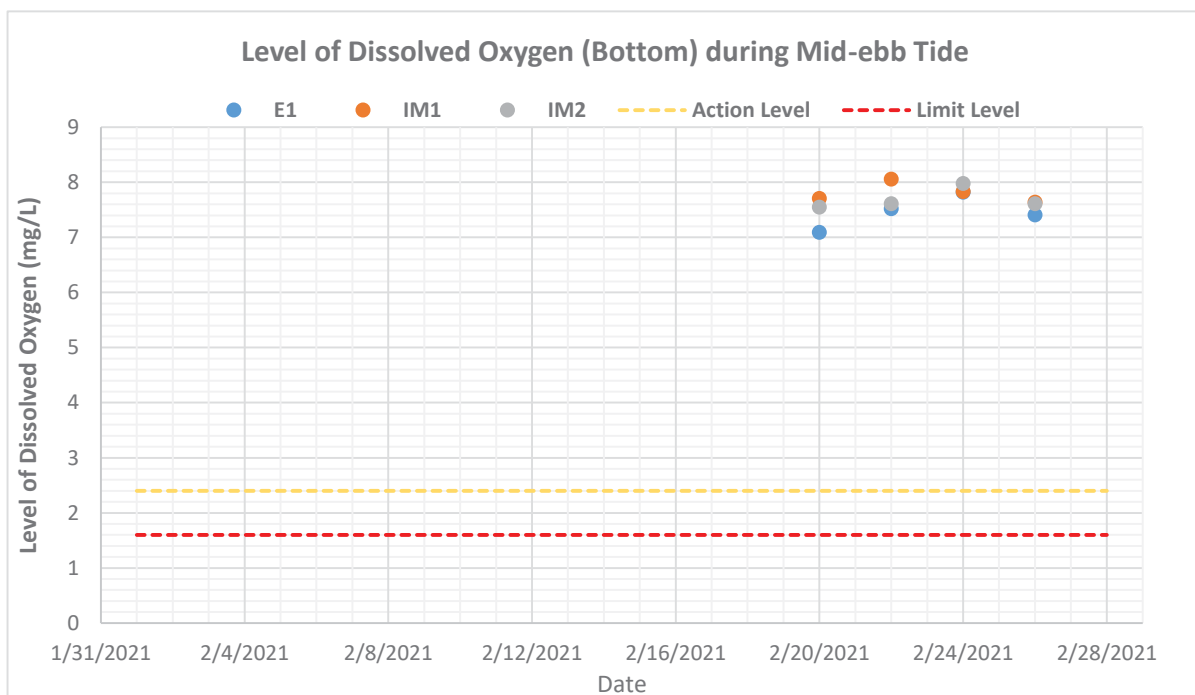


Figure G2b: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides between 20 and 26 February 2021.

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

Date: 05/03/21

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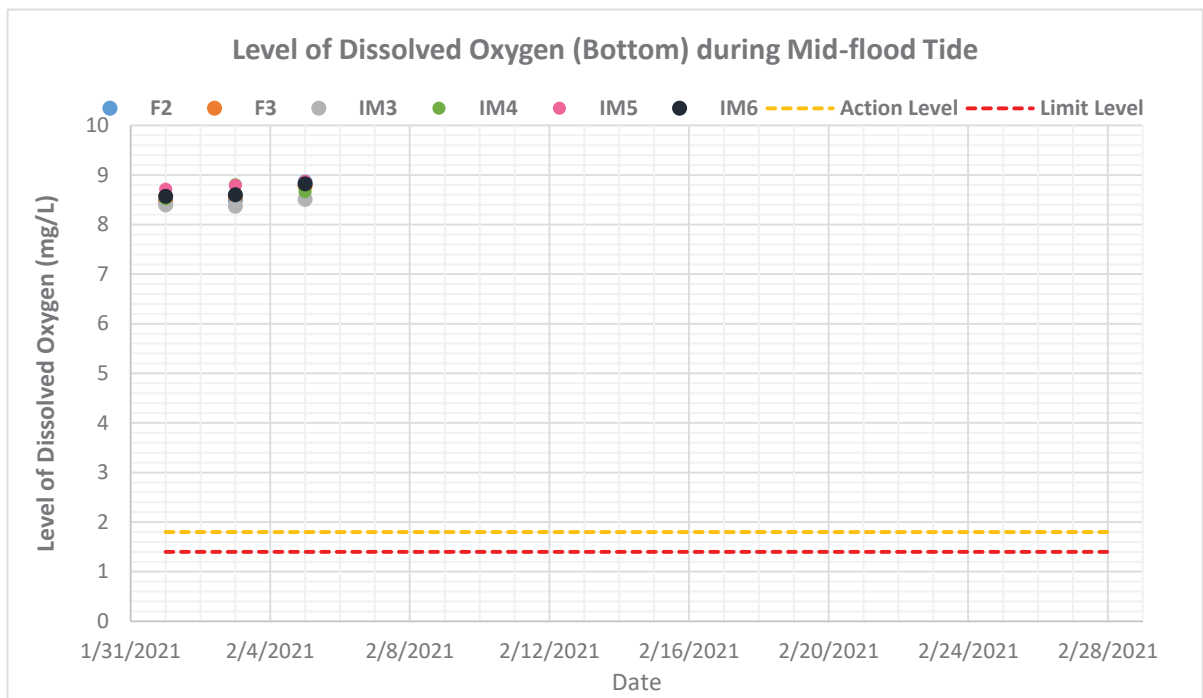


Figure G2c: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between 1 and 5 February 2021.

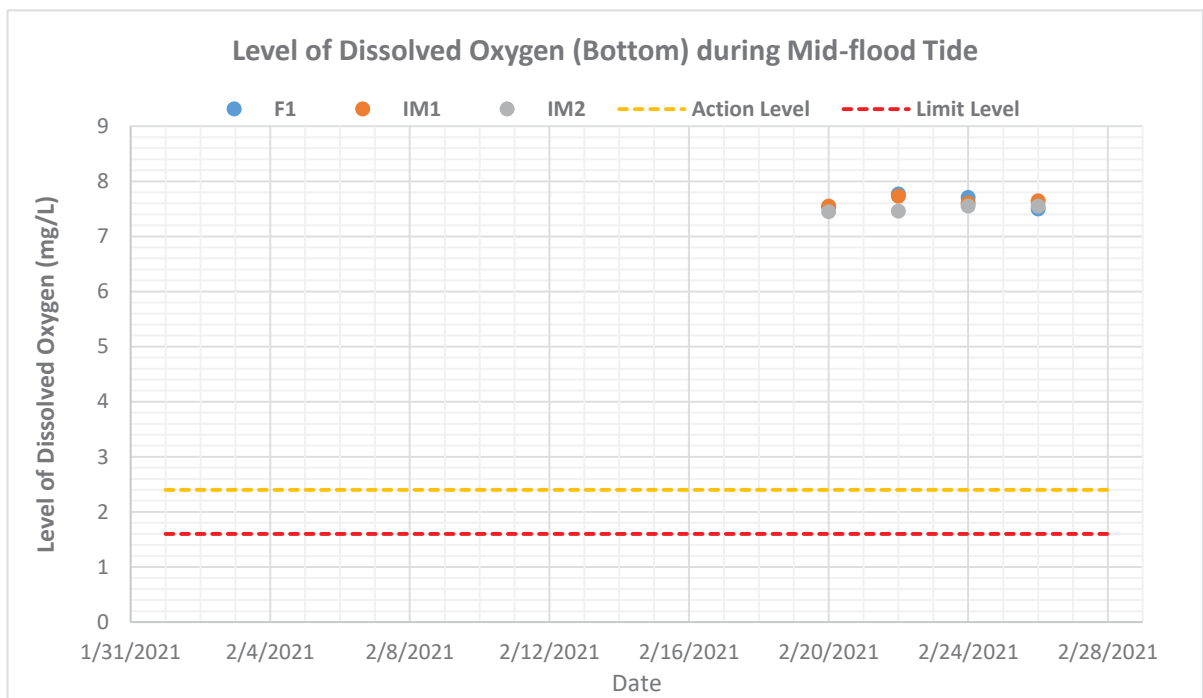


Figure G2d: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides between 20 and 26 February 2021.

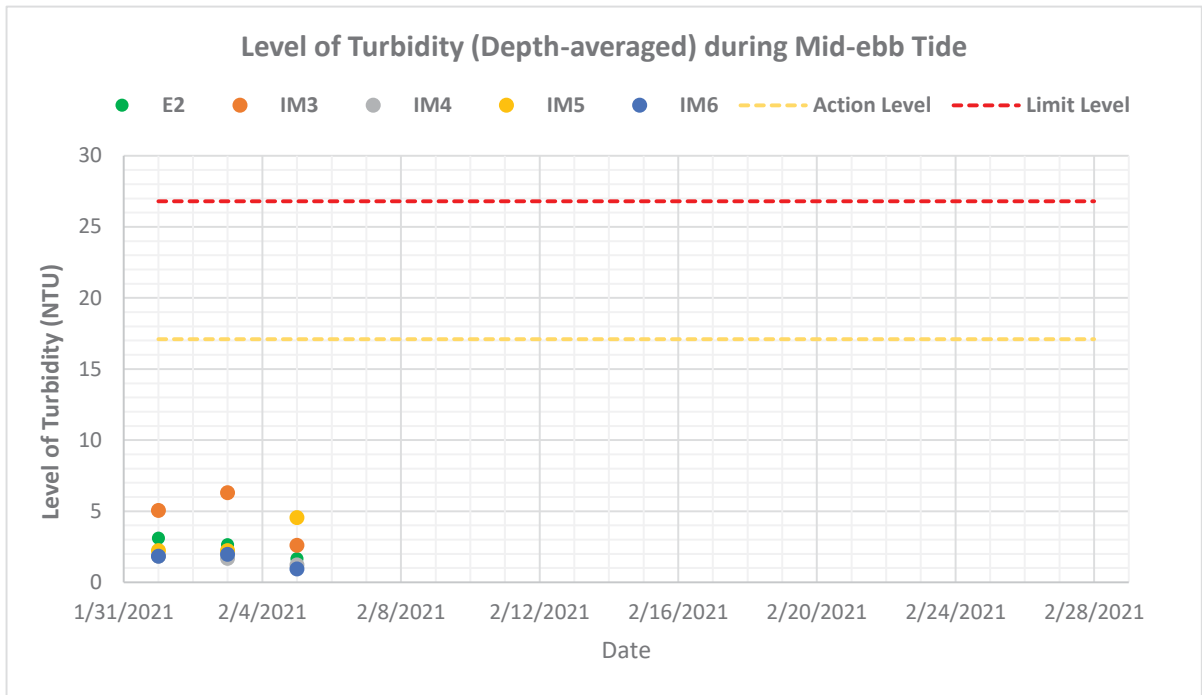


Figure G3a: Levels of Depth-averaged Turbidity (NTU) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between 1 and 5 February 2021.

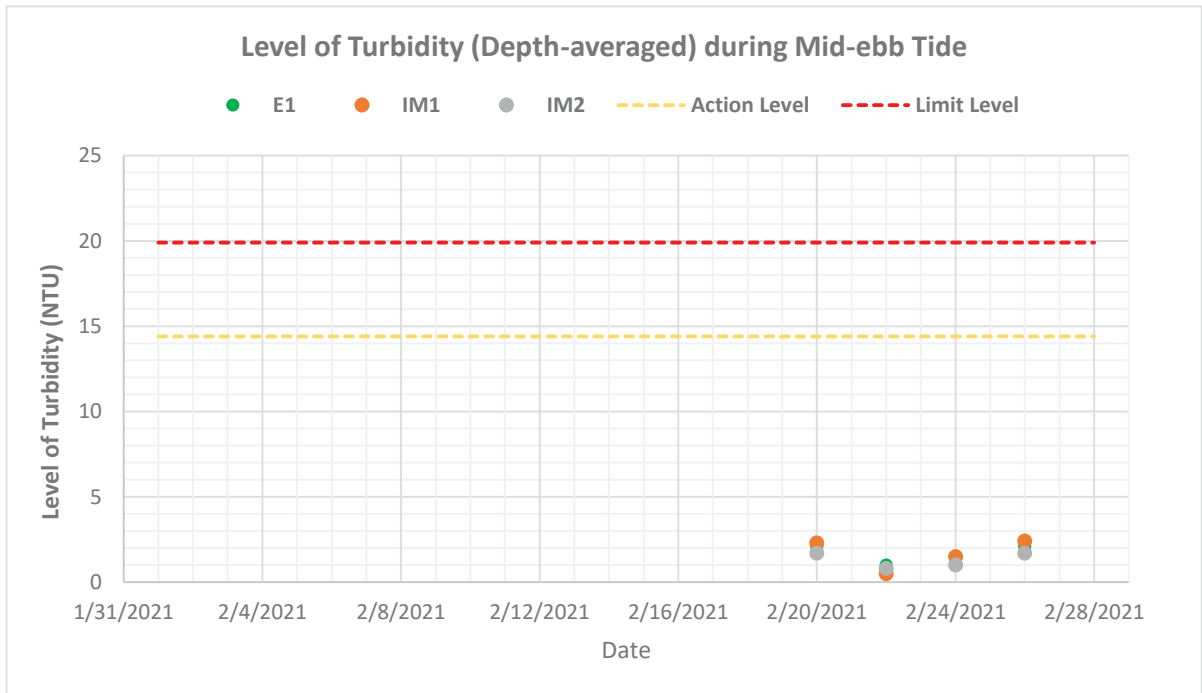


Figure G3b: Levels of Depth-averaged Turbidity (NTU) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides between 20 and 26 February 2021.

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

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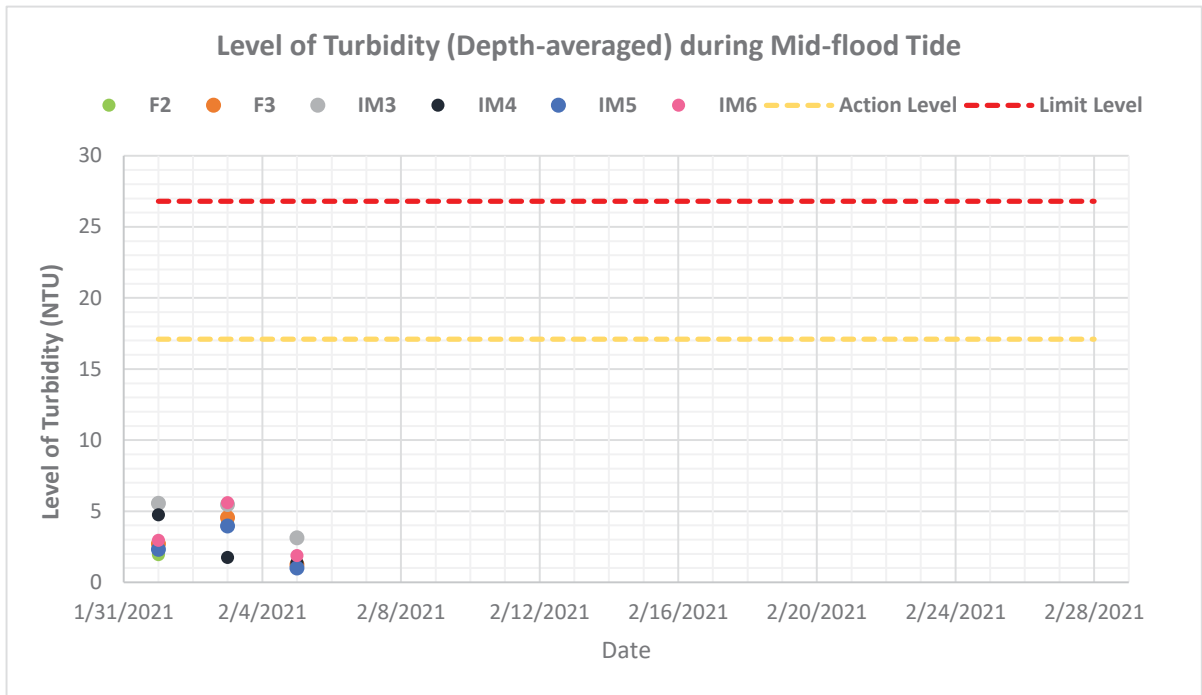


Figure G3c: Levels of Depth-averaged Turbidity (NTU) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between 1 and 5 February 2021.

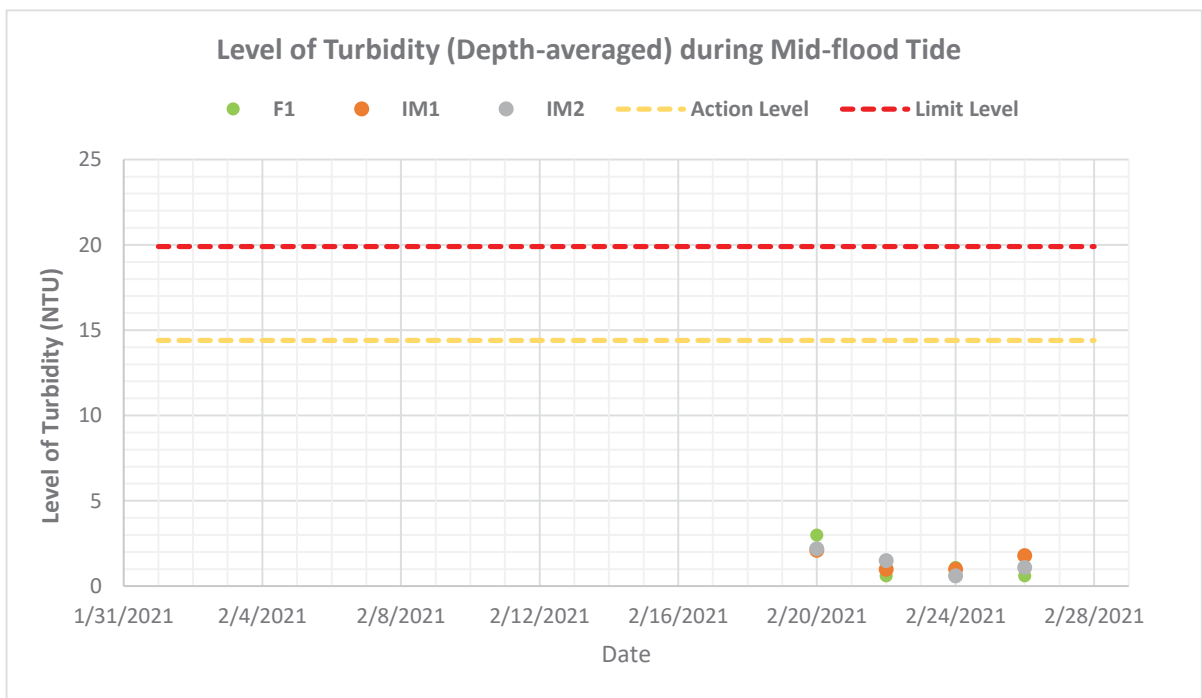


Figure G3d: Levels of Depth-averaged Turbidity (NTU) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides between 20 and 26 February 2021.

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

Date: 05/03/21

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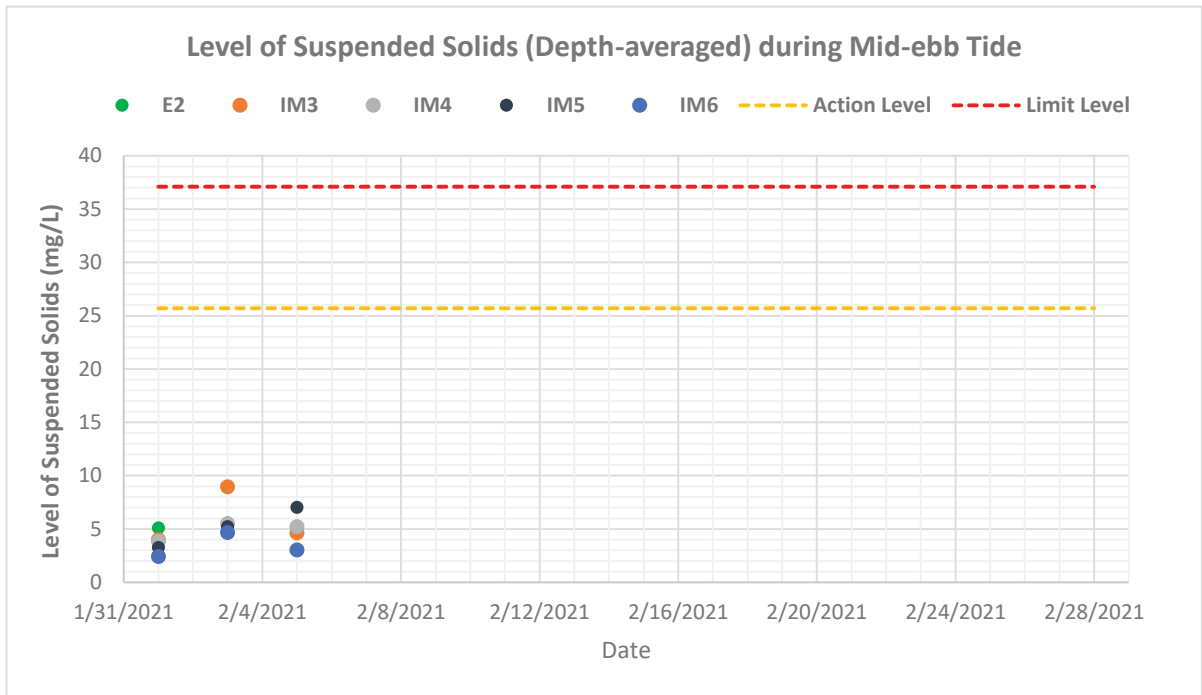


Figure G4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between 1 and 5 February 2021.

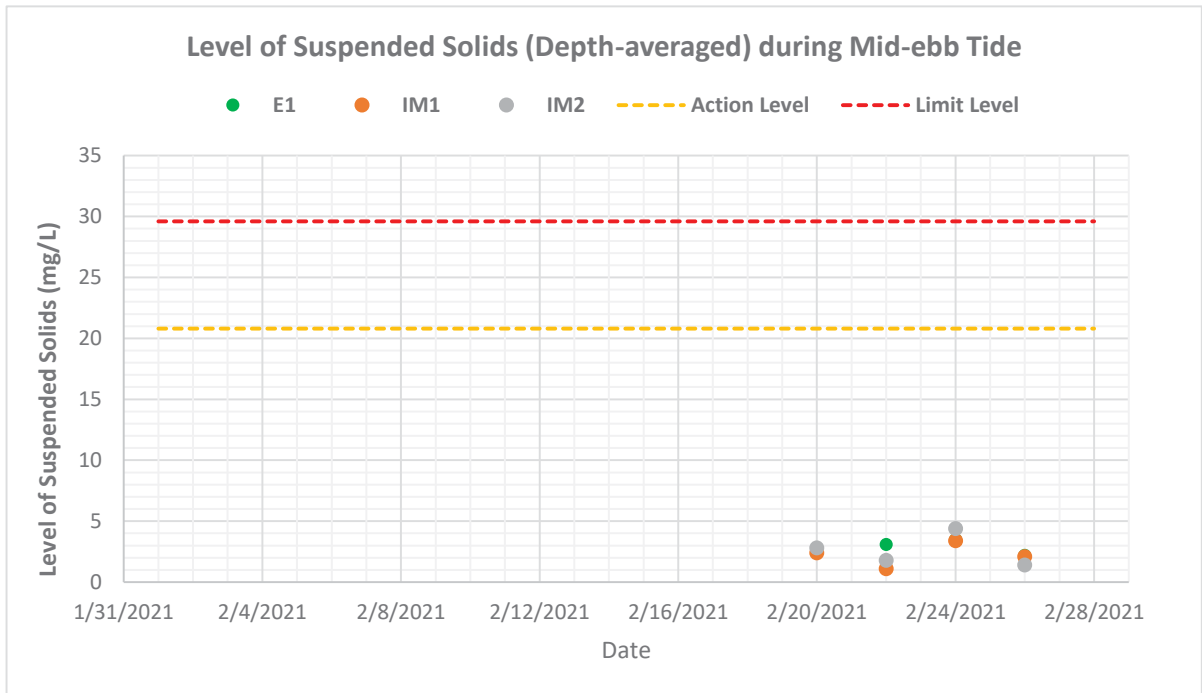


Figure G4b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides between 20 and 26 February 2021.

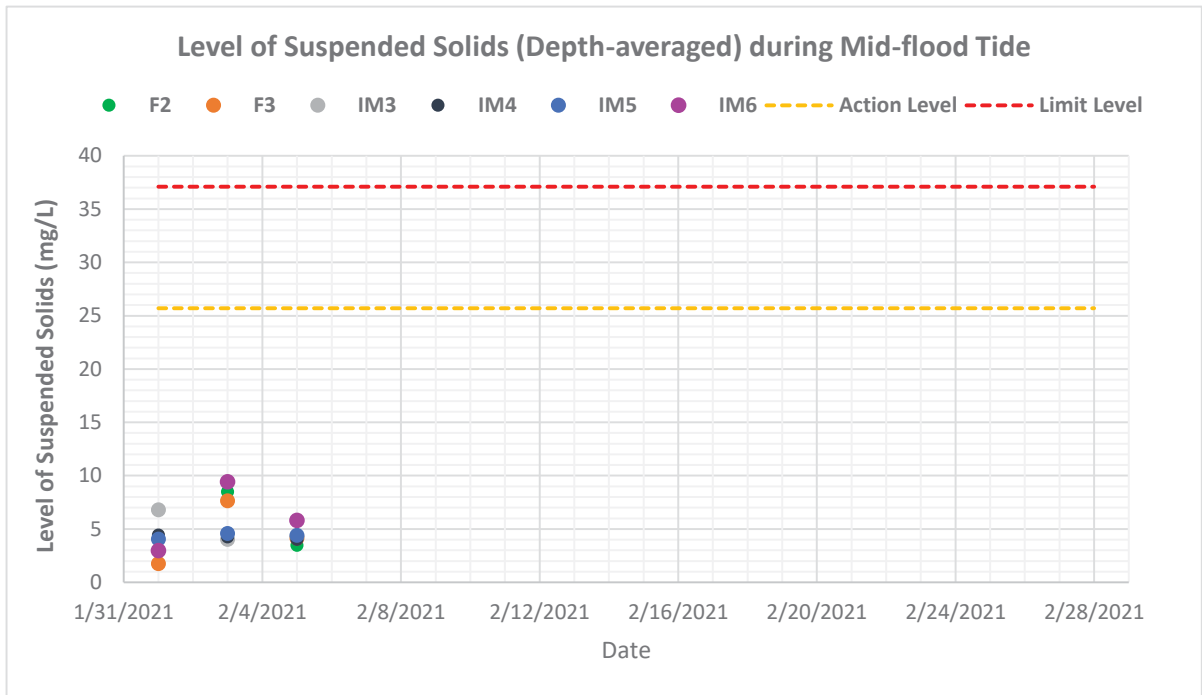


Figure G4c: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between 1 and 5 February 2021.

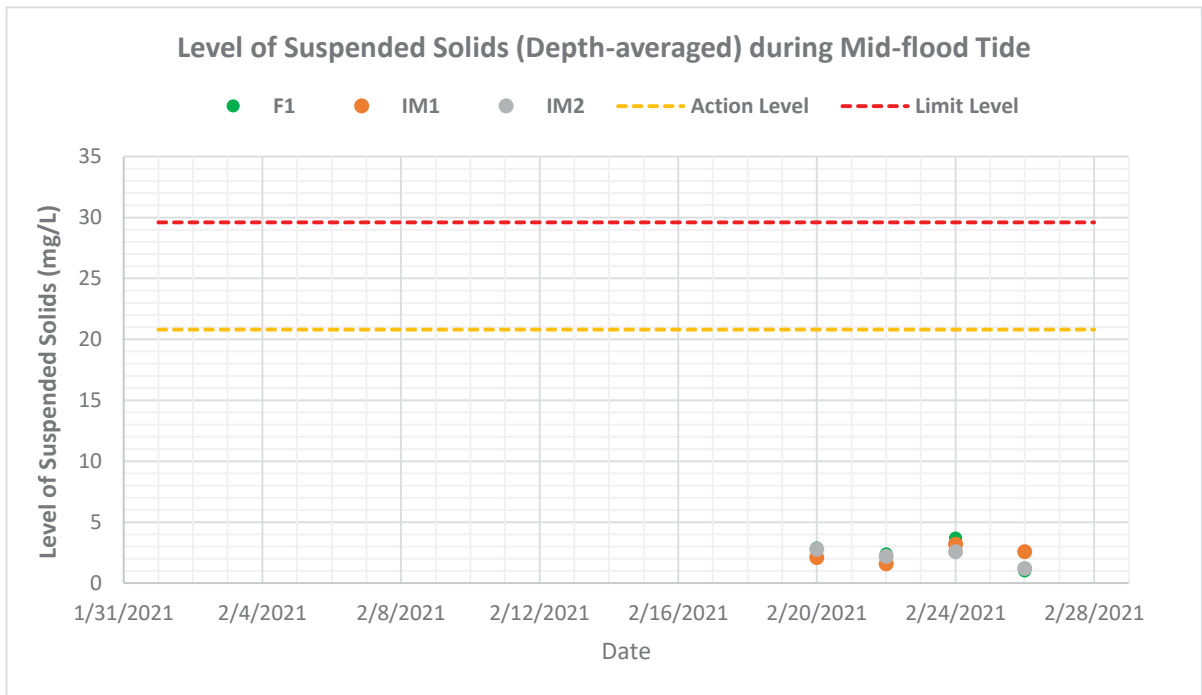


Figure G4d: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides between 20 and 26 February 2021.