

ANNEX G

CONSTRUCTION PHASE MARINE WATER QUALITY MONITORING RESULTS

Water Quality Monitoring Data Log Sheet

Date: 2021/12/03

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	DA*		
E2	Fine	Calm	10:33	8.9	S	0.10	29	21.21	21.21	34.96	34.96	8.35	8.35	90.4	90.4	6.54	6.54	6.54	6.54	9.9	9.9	9.4	9.2	13.5		
						0.61	232	21.21		34.96		8.34		90.4		6.54		9.9								
						0.06	138	21.19		34.93		8.34		90.5		6.55		11.9								
					M	0.32	167	21.19	21.19	34.95	34.94	8.34	8.34	90.2	90.4	6.53	6.54	11.7	11.8	11.8	11.8	14.8	14.7	14.5	16.7	
						0.66	127	21.17		34.90		8.34		93.3		6.76		13								
						0.66	127	21.17		34.94		8.35		91.4		6.62		14.4								
IM3	Fine	Calm	09:31	15.0	S	0.86	57	21.42	21.42	35.18	35.18	8.26	8.26	91.0	91.0	6.55	6.55	6.54	6.54	8.1	8.2	9.7	9.5	11.5		
						0.46	230	21.41		35.17		8.26		90.9		6.55		8.3								
						0.48	29	21.42		35.20		8.21		90.7		6.53		9.5								
					M	0.34	328	21.42	21.42	35.19	35.20	8.23	8.22	90.5	90.6	6.52	6.53	10.4	10.0	10.4	10.4	10.9	11.2	11.4	13.8	
						0.27	77	21.41		35.22		8.10		91.6		6.60		12.7								
						0.27	77	21.42		35.21		8.14		90.7		6.53		13.4								
IM4	Fine	Calm	09:51	17.0	S	0.35	5	21.32	21.33	35.04	35.04	8.28	8.29	90.6	90.6	6.54	6.54	6.53	6.53	8.4	8.5	10.1	9.8	13.4		
						0.35	5	21.33		35.04		8.29		90.5		6.53		8.6								
						0.24	94	21.34		34.99		8.28		90.3		6.52		9.9								
					M	0.74	306	21.35	21.35	35.02	35.01	8.28	8.28	90.2	90.3	6.51	6.52	10.1	10.0	10.1	10.1	11.7	12.0	11.7	18.4	
						0.40	71	21.35		34.93		8.25		91.4		6.60		14.5								
						0.40	71	21.36		34.96		8.65		90.9		6.56		14.6								
IM5	Fine	Calm	10:09	15.0	S	0.14	351	21.69	21.69	35.19	35.20	8.38	8.39	90.6	90.6	6.49	6.49	6.49	6.49	9	8.7	11.7	11.4	12.7		
						0.54	279	21.69		35.20		8.39		90.6		6.49		8.3								
						0.35	231	21.69		35.17		8.42		90.5		6.49		10.5								
					M	0.40	211	21.69	21.69	35.18	35.18	8.37	8.40	90.3	90.4	6.47	6.48	10.9	10.7	10.9	10.9	12.4	12.4	12.4	14.2	
						0.53	333	21.68		35.03		8.35		92.1		6.61		10.7								
						0.53	333	21.69		35.11		8.38		91.0		6.52		10.8								
IM6	Fine	Calm	12:37	13.0	S	0.61	225	21.78	21.78	35.24	35.24	8.43	8.43	91.6	91.6	6.55	6.55	6.54	6.54	4.8	4.9	7.5	7.4	7.1		
						0.21	282	21.77		35.24		8.42		91.5		6.55		4.9								
						0.60	285	21.74		35.23		8.44		91.4		6.54		5								
					M	0.35	80	21.73	21.74	35.24	35.24	8.43	8.44	91.1	91.3	6.52	6.53	4.9	5.0	4.9	4.9	7.1	7.2	7.1	6.7	
						0.51	250	21.73		35.24		8.46		92.5		6.62		5.1								
						0.51	250	21.74		35.25		8.45		91.7		6.56		5.4								

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: 2021/12/03

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
F2	Fine	Calm	17:05	20.0	S	0.24	86	22.43	22.43	35.46	35.46	8.33	8.33	97.9	98.0	6.91	6.92	6.88	3.3	3.2	6.7	3.1	3.3
						0.50	166	22.42		35.46		8.33		98.0		6.92			3.4				
						0.45	262	22.42	35.46	8.33	96.5	6.82	4.3										
					M	0.04	109	22.43	35.46	8.33	97.1	6.86	4.4										
						0.21	45	22.37	35.46	8.34	95.9	6.78	10.0										
						0.21	45	22.37	35.48	8.34	95.2	6.73	9.8										
F3	Fine	Calm	15:50	17.0	S	0.32	339	21.81	21.81	35.33	35.33	8.25	8.25	96.8	96.8	6.92	6.92	6.88	3.5	3.6	5.3	5.2	5.1
						0.32	339	21.81		35.33		8.25		96.7		6.91			3.6				
						0.14	289	21.82	35.35	8.25	95.8	6.84	4.0										
					M	0.18	162	21.83	35.37	8.25	96.0	6.85	3.7										
						0.77	326	21.91	35.41	8.26	96.0	6.84	10.8										
						0.77	326	21.90	35.40	8.26	95.2	6.79	10.3										
IM3	Fine	Calm	17:26	15.0	S	0.55	112	21.45	21.46	35.14	35.15	8.26	8.26	96.2	96.3	6.93	6.94	6.89	5.7	5.4	14.8	5.6	5.7
						0.55	112	21.46		35.15		8.25		96.4		6.94			5.7				
						0.62	275	21.50	35.15	8.26	95.0	6.83	12.7										
					M	0.72	131	21.49	35.15	8.26	95.1	6.84	11.0										
						0.77	211	21.56	35.13	8.30	95.8	6.88	41.5										
						0.77	211	21.56	35.17	8.30	94.6	6.80	40.9										
IM4	Fine	Calm	16:31	17.0	S	0.59	334	21.52	21.52	35.13	35.14	8.27	8.27	95.6	95.7	6.87	6.88	6.84	4.8	4.8	8.5	9.4	9.3
						0.82	304	21.52		35.14		8.27		95.7		6.88			4.7				
						0.59	144	21.51	35.11	8.28	94.5	6.80	6.2										
					M	0.89	271	21.50	35.11	8.28	94.8	6.82	11.4										
						0.58	182	21.43	35.02	8.27	94.6	6.82	20.4										
						0.58	182	21.44	35.06	8.27	93.3	6.72	20.1										
IM5	Fine	Calm	16:12	15.0	S	0.36	247	21.77	21.77	35.19	35.20	8.26	8.26	95.9	96.1	6.86	6.87	6.83	4.3	4.2	4.5	4.2	4.1
						0.80	266	21.76		35.20		8.26		96.2		6.88			4.0				
						0.10	106	21.74	35.17	8.25	94.8	6.79	4.6										
					M	1.25	293	21.72	35.18	8.25	94.5	6.77	4.7										
						0.15	77	21.71	35.16	8.26	94.8	6.79	5.6										
						0.15	77	21.70	35.17	8.26	94.2	6.75	5.3										
IM6	Fine	Calm	16:00	14.0	S	0.48	310	21.78	21.78	35.22	35.23	8.26	8.26	96.0	96.0	6.87	6.87	6.85	3.5	3.6	5.5	5.5	5.3
						0.48	310	21.78		35.23		8.26		95.9		6.86			3.7				
						0.79	90	21.79	35.20	8.25	95.6	6.84	6.6										
					M	0.59	121	21.79	35.22	8.25	95.7	6.84	6.2										
						0.87	302	21.77	35.13	8.25	96.2	6.89	12.4										
						0.87	302	21.78	35.18	8.25	95.0	6.80	12.9										

Remark: * DA: Depth-Averaged

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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	Fine	Calm	11:24	16	S	0.76	166	21.60	21.60	35.07	35.07	8.38	8.39	91.6	91.6	6.58	6.58	6.56	6.6	6.4	7.6	7.7	7.8	9.7
						1.10	80	21.60		35.07		8.39		91.6		6.58			6.2			7.9		
						0.95	181	21.52	35.04	8.36	91.0	6.55	7.5	7.4										
					M	0.66	155	21.50	35.04	8.36	90.7	6.53	7.2	7.6	9.4	9.3								
						0.39	84	21.37	34.96	8.33	92.3	6.66	8.7											
						1.08	142	21.38	34.98	8.34	91.3	6.59	9.2		11.8									
B	0.61	225	21.78	21.78	35.24	8.43	91.6	6.55	6.63	6.63	6.3	9.0	12.1											
	0.21	282	21.77	21.78	35.24	8.43	91.6	6.55	6.55	6.54	6.5	4.8	4.9	7.5										
	0.60	285	21.74	21.74	35.23	8.44	91.4	6.54	6.53	6.54	6.5	4.9	4.9	7.3										
IM6	Fine	Calm	12:37	13	S	0.35	80	21.73	21.74	35.24	35.24	8.44	8.44	91.1	91.3	6.52	6.53	6.54	4.9	5.0	5.0	7.2	7.2	7.1
						0.51	250	21.73		35.24		8.46		92.5		6.62			5.1			6.6		
						0.51	250	21.74	35.26	8.45	91.7	6.56	5.4	6.7										
					M	0.60	285	21.74	21.74	35.23	8.44	91.4	6.54	6.53	6.54	6.5	4.9	5.0	7.1					
						0.35	80	21.73	21.74	35.24	8.43	91.1	6.52	6.53	6.54	6.5	4.9	5.0	7.2					
						0.51	250	21.73	21.74	35.24	8.46	92.5	6.62	6.59	6.59	6.59	5.1	5.3	6.6					
B	0.51	250	21.74	21.74	35.26	8.45	91.7	6.56	6.59	6.59	6.59	5.4	5.3	6.7										
	1.03	113	21.97	21.98	35.27	8.35	93.4	6.66	6.66	6.66	6.66	3.9	3.8	5.0										
	0.64	301	21.98	21.98	35.27	8.36	93.3	6.65	6.66	6.66	6.66	3.7	3.8	5.0										
IM7	Fine	Calm	12:10	12	S	0.39	201	21.98	21.98	35.27	35.28	8.36	8.36	93.4	93.4	6.66	6.66	6.66	4	4.0	3.9	5.0	5.0	4.9
						0.49	230	21.98		35.28		8.35		93.3		6.65			3.9			4.9		
						0.24	1	22.00	35.27	8.42	94.0	6.70	3.9	4.6										
					M	1.24	157	22.00	22.00	35.28	8.39	93.5	6.66	6.68	6.68	6.68	4.2	4.1	4.6					
						0.15	49	21.94	21.94	35.28	8.46	92.3	6.58	6.61	6.60	6.60	4.7	4.4	5.7					
						0.23	30	21.94	21.94	35.28	8.43	93.1	6.64	6.61	6.60	6.60	4	4.4	5.5					
B	0.62	96	21.90	21.90	35.28	8.41	92.4	6.59	6.59	6.59	6.59	4.6	4.6	5.9										
	1.04	94	21.90	21.90	35.28	8.42	92.3	6.59	6.59	6.59	6.59	4.5	4.6	6.2										
	0.42	98	21.87	21.87	35.27	8.39	92.6	6.61	6.59	6.59	6.59	5.5	5.5	7.0										
IM8	Fine	Calm	12:19	14	S	0.42	98	21.87	21.87	35.28	35.28	8.40	8.40	91.9	92.3	6.56	6.59	6.59	5.5	5.5	4.8	7.2	7.1	6.3
						0.42	98	21.87		35.28		8.40		91.9		6.56			5.5			7.2		
						0.15	49	21.94	21.94	35.28	8.46	92.3	6.58	6.61	6.60	6.60	4.7	4.4	5.7					
					M	0.62	96	21.90	21.90	35.28	8.41	92.4	6.59	6.59	6.59	6.59	4.6	4.6	5.9					
						1.04	94	21.90	21.90	35.28	8.42	92.3	6.59	6.59	6.59	6.59	4.5	4.6	6.2					
						0.42	98	21.87	21.87	35.27	8.39	92.6	6.61	6.59	6.59	6.59	5.5	5.5	7.0					
B	0.42	98	21.87	21.87	35.28	8.40	91.9	6.56	6.59	6.59	6.59	5.5	5.5	7.2										
	1.10	308	21.74	21.74	35.12	8.37	92.0	6.59	6.60	6.60	6.60	5.2	5.2	6.8										
	0.57	58	21.74	21.74	35.12	8.37	92.1	6.60	6.60	6.60	6.60	5.2	5.2	7.0										
IM9	Fine	Calm	11:50	15	S	0.73	99	21.75	21.75	35.13	35.14	8.42	8.47	91.8	91.8	6.57	6.57	6.58	5.7	5.7	5.5	8.3	8.3	7.8
						0.54	70	21.75		35.14		8.51		91.8		6.57			5.7			8.3		
						0.08	100	21.81	21.81	35.11	8.37	93.3	6.67	5.6	8.3									
					M	0.73	99	21.75	21.75	35.13	8.42	91.8	6.57	6.57	6.57	6.57	5.7	5.7	8.3					
						0.54	70	21.75	21.75	35.14	8.51	91.8	6.57	6.57	6.57	6.57	5.7	5.7	8.3					
						0.08	100	21.81	21.81	35.11	8.37	93.3	6.67	5.6	8.3									
B	0.34	113	21.81	21.81	35.14	8.36	92.5	6.62	6.65	6.65	6.65	5.4	5.5	8.3										

Remark: * DA: Depth-Averaged

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

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						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
F3	Fine	Calm	15:50	17.0	S	0.32	339	21.81	21.81	35.33	35.33	8.25	8.25	96.8	96.8	6.92	6.92	6.88	3.5	3.6	3.6	5.2	5.1	7.1	
						0.32	339	21.81		35.33		8.25		96.7		6.91			3.6			4.9			
					M	0.14	289	21.82	21.83	35.35	35.36	8.25	8.25	95.8	95.9	6.84	6.85	6.85	4.0	3.9	5.5	5.6	5.5		5.6
						0.18	162	21.83		35.37		8.25		96.0		6.85		3.7	10.8						
					B	0.77	326	21.91	21.91	35.41	35.41	8.26	8.26	96.0	95.6	6.84	6.82	6.82	8.6	8.6	8.6	8.5	10.3		10.6
						0.77	326	21.90		35.40		8.26		95.2		6.79		8.5							
IM6	Fine	Calm	16:00	14.0	S	0.48	310	21.78	21.78	35.22	35.23	8.26	8.26	96.0	96.0	6.87	6.87	6.85	3.5	3.6	3.6	5.5	5.3	8.1	
						0.48	310	21.78		35.23		8.26		95.9		6.86			3.7			5.0			
					M	0.79	90	21.79	21.79	35.20	35.21	8.25	8.25	95.6	95.7	6.84	6.84	6.84	4.7	4.3	6.6	6.4	6.2		12.7
						0.59	121	21.79		35.22		8.25		95.7		6.84		3.8	12.4						
					B	0.87	302	21.77	21.78	35.13	35.16	8.25	8.25	96.2	95.6	6.89	6.85	6.85	8.2	8.8	9.3	12.9	12.4		12.7
						0.87	302	21.78		35.18		8.25		95.0		6.80		8.2							
IM7	Fine	Calm	15:21	12.3	S	0.61	186	21.80	21.80	35.28	35.28	8.21	8.21	95.6	95.7	6.83	6.84	6.82	4.9	4.8	4.8	6.4	6.6	10.1	
						0.61	186	21.80		35.28		8.21		95.8		6.85			4.6			6.8			
					M	0.89	289	21.79	21.79	35.27	35.28	8.21	8.21	95.1	95.0	6.80	6.80	6.80	6.2	6.4	9.2	9.0	8.8		14.8
						0.15	165	21.78		35.28		8.21		94.9		6.79		6.6	15						
					B	1.34	282	21.78	21.78	35.26	35.27	8.20	8.20	95.9	95.4	6.86	6.82	6.82	11.2	10.9	11.2	14.6	11.2		14.8
						1.34	282	21.78		35.27		8.20		94.8		6.78		10.6							
IM8	Fine	Calm	15:30	14.0	S	0.65	305	21.85	21.85	35.29	35.29	8.23	8.23	96.7	96.8	6.91	6.92	6.89	3.3	3.4	3.4	5.2	5.2	6.1	
						0.60	285	21.84		35.28		8.23		96.9		6.92			3.4			5.1			
					M	0.60	168	21.94	21.94	35.34	35.34	8.23	8.24	96.2	96.3	6.86	6.87	6.87	3.4	3.4	5.8	5.6	5.4		7.5
						0.59	312	21.94		35.34		8.24		96.4		6.87		3.3	7.3						
					B	0.54	3	21.96	21.97	35.39	35.40	8.22	8.23	95.7	95.5	6.82	6.80	6.80	4.8	5.1	7.3	7.5	4.8		7.5
						0.54	3	21.98		35.40		8.23		95.2		6.78		5.4	7.6						
IM9	Fine	Calm	15:00	14.0	S	0.81	286	21.62	21.62	35.23	35.23	8.12	8.13	95.1	95.2	6.82	6.83	6.81	4.9	4.7	4.7	6.2	6.2	6.7	
						0.72	259	21.62		35.23		8.13		95.3		6.84			4.5			6.2			
					M	0.71	40	21.60	21.60	35.24	35.24	8.04	8.06	94.5	94.5	6.78	6.78	6.78	5.2	5.7	6.6	6.7	6.1		7.3
						0.93	44	21.60		35.23		8.07		94.5		6.78		6.1	6.8						
					B	0.28	225	21.59	21.59	35.24	35.24	7.88	7.93	94.8	94.6	6.80	6.79	6.79	5.7	5.7	7.4	7.3	5.7		7.3
						0.28	225	21.59		35.24		7.97		94.4		6.77		5.6	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: 2021/12/03

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*	
E5	Fine	Calm	12:12	6.3	S	0.33	184	21.20	21.21	33.88	33.88	8.24	8.24	92.3	92.3	6.72	6.72	6.72	11.2	11.0	11.9	8.7	8.6	11.7	
						0.33	184	21.21		33.88		8.24		92.3		6.72			10.7			8.4			
					M	0.26	186	21.17	21.18	33.87	33.88	8.22	8.23	92.3	92.3	6.73	6.73	6.73	6.73	12.4	12.2	11.9	12.8	13.0	13.2
						0.26	186	21.18		33.88		8.23		92.2		6.72		11.9		13.2					
					B	0.20	194	21.17	21.18	33.86	33.87	8.20	8.21	94.6	93.6	6.90	6.82	6.82	6.82	12.9	12.5	12.5	13.2	13.5	13.8
						0.27	187	21.18		33.87		8.21		92.5		6.74		12.0		13.8					
IM15	Fine	Calm	11:39	8.2	S	0.10	191	21.16	21.16	33.68	33.68	8.24	8.24	94.8	95.0	6.92	6.94	6.90	9.2	9.3	10.6	5.9	5.8	9.1	
						0.11	196	21.16		33.68		8.24		95.2		6.95			9.3			5.7			
					M	0.19	207	21.13	21.14	33.68	33.68	8.23	8.23	94.1	94.1	6.87	6.87	6.87	6.87	9.7	9.7	10.6	10.4	10.6	10.8
						0.15	201	21.15		33.68		8.23		94.1		6.87		9.6		10.8					
					B	0.19	183	21.17	21.17	33.72	33.72	8.22	8.22	92.2	92.2	6.73	6.73	6.73	6.73	13.0	13.0	13.0	11.0	11.0	11.0
						0.19	183	21.17		33.72		8.22		92.1		6.72		13.0		11.0					

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: 2021/12/03

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*
F5	Fine	Calm	16:04	5.5	S	0.33	29	21.28	21.28	33.64	33.64	8.11	8.12	101.7	101.9	7.41	7.41	7.41	8.2	8.2	8.3	6.4	6.2	7.1
						0.35	320	21.28		33.63		8.12		101.7		7.41		8.1	6.0					
					B	0.27	299	21.30	21.30	33.64	33.64	8.10	8.10	102.9	102.9	7.43	7.46	7.49	7.49	8.6	8.5	7.8	8.1	8.0
						0.04	18	21.29		33.64		8.10		102.0		7.49		8.4		7.8				
IM15	Fine	Calm	15:34	6.2	S	0.11	253	21.24	21.24	33.37	33.38	8.10	8.11	103.9	103.9	7.59	7.59	7.59	7.5	7.5	7.6	8.4	8.4	7.8
						0.30	261	21.24		33.38		8.11		103.9		7.59		7.4	8.3					
					M	0.34	350	21.25	21.25	33.36	33.36	8.09	8.10	103.9	103.9	7.58	7.58	7.59	7.59	7.4	7.5	7.6	8.0	7.9
						0.38	262	21.24		33.36		8.10		103.8		7.58		7.6		7.8				
					B	0.33	242	21.24	21.25	33.34	33.35	8.08	8.08	103.9	103.9	7.59	7.59	7.9	7.9	7.9	7.9	7.1	7.3	
						0.33	242	21.25		33.35		8.08		103.8		7.58		7.8		7.4				

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: 2021/12/06

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		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	DA*	
E2	Fine	Moderate	13:58	8.7	S	0.70	133	21.46	21.49	35.40	35.41	8.41	8.41	98.1	98.5	7.05	7.07	7.01	5.5	7.1	5.3	7.1	6.6	6.4	9.7
						0.70	133	21.51		35.41		8.41		98.8		7.09			5.0				6.1		
						1.09	291	21.28	35.35	8.41	96.3	6.94	7.1	10.4											
					M	0.38	37	21.27	21.28	35.37	8.41	8.41	96.3	6.95	6.95	7.5	7.3	10.6							
						0.19	45	21.25	21.25	35.28	8.42	8.42	97.0	7.00	8.1	8.7	11.9								
						0.19	45	21.25		35.33	8.41	96.0	6.93	9.2	12.4										
IM3	Fine	Moderate	14:44	14.7	S	0.57	254	21.83	21.83	35.42	35.45	8.40	8.40	97.6	97.8	6.97	6.98	6.91	5.4	7.2	5.5	7.2	5.2	5.3	8.1
						0.84	112	21.83		35.48		8.40		97.9		6.99			5.6				5.4		
						1.06	203	21.88	21.88	35.51	8.43	95.8	6.83	5.5	6.6										
					M	0.71	328	21.88	21.88	35.52	8.43	8.43	95.8	6.83	6.83	4.9	5.2	6.7							
						1.03	353	21.93	21.93	35.53	8.45	8.45	95.5	6.80	10.9	10.9	12.4								
						0.53	210	21.93		35.55	8.45	95.2	6.78	10.9	12.2										
IM4	Fine	Moderate	14:23	16.9	S	0.75	352	21.75	21.75	35.38	35.38	8.38	8.38	95.8	96.0	6.85	6.87	6.80	4.8	6.2	4.7	6.2	5.9	5.8	7.1
						0.75	352	21.74		35.38		8.37		96.2		6.88			4.6				5.6		
						0.69	99	21.53	21.54	35.40	8.40	8.58	93.8	6.73	6.7	7.2									
					M	0.85	95	21.54	21.54	35.40	8.75	8.75	93.7	6.72	6.73	6.8	6.7	7.0							
						0.22	304	21.54	21.54	35.35	8.46	8.45	94.5	6.78	6.76	6.9	7.1	8.5							
						0.22	304	21.53		35.37	8.43	93.9	6.74	7.2	8.2										
IM5	Fine	Moderate	13:37	15.2	S	0.48	223	21.69	21.70	35.50	35.50	8.42	8.42	99.2	99.7	7.10	7.13	7.00	4.2	6.3	4.1	6.3	4.8	4.7	8.4
						0.48	223	21.70		35.50		8.42		100.1		7.16			4.0				4.6		
						0.79	186	21.53	21.54	35.51	8.41	8.41	95.6	6.86	6.87	5.3	5.2	7.2							
					M	0.89	35	21.54	21.54	35.52	8.41	8.41	95.8	6.87	6.87	5.0	5.2	6.8							
						0.26	178	21.46	21.47	35.46	8.40	8.40	95.3	6.85	9.8	9.6	13.6								
						0.84	201	21.47		35.50	8.40	94.6	6.79	9.4	13.3										
IM6	Fine	Moderate	13:24	14.2	S	0.12	73	22.12	22.12	35.69	35.70	8.45	8.45	98.7	98.9	7.00	7.02	6.95	3.3	6.4	3.3	6.4	5.3	4.7	9.7
						0.12	73	22.12		35.70		8.45		99.1		7.03			3.2				4.1		
						0.09	205	21.91	21.92	35.69	8.45	8.45	96.7	6.88	6.88	6.0	6.0	9.3							
					M	0.09	205	21.92	21.92	35.69	8.44	8.44	96.7	6.88	6.88	6.0	6.0	8.4							
						0.58	46	21.86	21.86	35.68	8.45	8.50	96.4	6.87	9.4	9.8	15.0								
						0.64	121	21.86		35.68	8.55	95.9	6.83	10.2	16.0										

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: 2021/12/06

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	Moderate	06:39	18.3	S	0.46	163	21.35	21.36	35.63	35.63	8.18	8.19	94.7	94.7	6.81	6.81	6.80	6.80	8.6	8.5	9.8	11.0	10.9	12.9					
						0.46	163	21.36		35.63		8.19		94.7		6.81		8.4												
						1.07	338	21.35	35.63	8.15	94.5	6.80	10.3																	
					M	0.78	27	21.36	21.36	35.63	8.17	94.3	6.78	6.79	10.3	10.3	13.4	13.5												
						0.46	161	21.39	21.38	35.68	8.08	95.1	6.83	6.81	10.2	10.5	14.3													
						0.46	161	21.36	21.38	35.65	8.11	94.3	6.78	6.81	10.7	10.5	14.6													
F3	Fine	Moderate	08:11	16.8	S	0.48	44	21.66	21.66	35.70	35.70	8.29	8.29	96.5	96.5	6.90	6.90	6.88	6.88	7.4	7.3	10.9	13.3	12.1	18.9					
						1.23	288	21.66		35.70		8.29		96.4		6.89		6.90		7.2			7.3							
						0.31	34	21.62	21.62	35.69	8.28	96.1	6.87	6.87	8.9	9.2	17.2	17.8												
					0.42	115	21.62	21.62	35.69	8.29	96.0	6.87	6.87	9.5	9.2	18.4														
					B	0.29	247	21.55	21.55	35.68	8.26	95.8	6.86	6.86	15.6	16.3	27.0	26.8												
						0.11	93	21.55	21.55	35.68	8.27	95.6	6.85	6.86	17.0	16.3	26.5													
IM3	Fine	Moderate	07:04	14.2		S	0.48	317	21.48	21.49	35.59	35.59	8.25	8.25	95.5	95.5	6.85	6.85	6.85	6.85	7.4	7.3	8.5	8.2	8.5	10.3				
					0.48		317	21.49	35.59		8.25		95.4		6.84		6.85		7.2		7.3			8.8						
					M		0.44	116	21.40	21.44	35.54	8.24	95.3	6.85	6.85	8.4	8.2	10.1	10.0											
						0.24	238	21.47	21.44	35.58	8.24	95.4	6.85	6.85	7.9	8.2	9.8													
						B	0.37	340	21.18	21.21	35.43	8.20	95.5	6.90	6.89	10.1	10.0	12.4	12.3											
					0.59		40	21.24	21.21	35.48	8.21	95.3	6.87	6.89	9.8	10.0	12.2													
0.31	258	21.39	21.36	35.61	8.26		95.2	6.84	6.84	13.6	13.2	21.1	21.2																	
0.31	258	21.33	21.36	35.58	8.26	95.1	6.84	6.84	12.7	13.2	21.2																			
IM4	Fine	Moderate	07:26	15.8	S	0.22	166	21.40	21.40	35.61	35.61	8.27	8.27	94.9	94.9	6.82	6.82	6.83	6.83	13.6	13.2	34.9	21.1	21.2	23.4					
						1.17	287	21.40		35.60		8.27		94.8		6.81		6.82		17.2			16.6			23.1				
						0.62	272	21.18	21.20	35.53	8.23	93.8	6.77	6.77	75.4	74.8	26.0	26.0												
					1.25	244	21.21	21.20	35.55	8.24	93.8	6.77	6.77	74.2	74.8	25.9														
					IM5	Fine	Moderate	07:46	14.6	S	0.82	256	21.24	21.24	35.57	35.57	8.26	8.26	95.9	95.9	6.91	6.91	6.90	6.90	7.2	7.7	14.7	9.2	9.3	18.1
											0.32	27	21.24		35.57		8.26		95.9		6.91		6.91		8.2			7.7		
M	0.24	340	21.27	21.27							35.58	8.26	95.5	6.88	6.88	9.3	8.8	12.0	12.0											
	0.26	348	21.26	21.27						35.57	8.26	95.5	6.88	6.88	8.3	8.8	12.0													
	B	0.11	288	21.31						21.31	35.59	8.25	94.9	6.83	6.83	27.0	27.7	33.4	33.0											
1.21		277	21.31	21.31						35.59	8.25	94.9	6.83	6.83	28.3	27.7	32.5													
0.70		47	21.54	21.54	35.69	8.29	95.9	6.87	6.87	10.9	10.7	18.4	17.8																	
0.70	47	21.54	21.54	35.69	8.29	95.9	6.87	6.87	10.5	10.7	17.2																			
IM6	Fine	Moderate	07:59	13.2	M	0.32	31	21.54	21.54	35.69	35.69	8.28	8.28	95.7	95.7	6.86	6.86	6.86	6.86	11.1	11.6	12.4	21.3	20.1	20.6					
						1.34	265	21.54		35.69		8.28		95.6		6.85		6.86		12.0			11.6			18.9				
						B	1.57	262	21.53	21.53	35.69	8.26	95.7	6.86	6.85	14.9	15.0	25.1	23.8											
					1.57		262	21.53	21.53	35.68	8.27	95.5	6.84	6.85	15.0	15.0	22.4													

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: 2021/12/06

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		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	DA*
E3	Fine	Moderate	12:05	17.0	S	0.34	20	21.44	21.45	35.62	35.62	8.33	8.34	95.7	95.9	6.87	6.88	6.80	8.3	8.0	26.2	8.9	9.7	39.5
						0.97	272	21.45		35.62		8.34		96.0		6.89			7.6					
						0.45	183	21.29	21.29	35.63	35.63	8.30	8.31	93.5	93.5	6.73	6.73	15.9	16.2	22.1	23.7			
					0.99	288	21.29	35.63		8.31		93.4		6.72		16.5								
					0.76	271	21.29	35.66		8.17		93.6		6.74		55.5		54.6		87.8		85.2		
					0.76	271	21.29	35.65	8.21	93.6	6.74	53.6	82.6											
IM6	Fine	Moderate	13:24	14.2	S	0.12	73	22.12	22.12	35.69	35.70	8.45	8.45	98.7	98.9	7.00	7.02	6.95	3.3	3.3	6.4	5.3	4.7	9.7
						0.12	73	22.12		35.70		8.45		99.1		7.03			3.2					
						0.09	205	21.91	21.92	35.69	35.69	8.45	8.45	96.7	96.7	6.88	6.88	6.0	6.0	9.3	8.9			
					0.09	205	21.92	35.69		8.44		96.7		6.88		6.0								
					0.58	46	21.86	35.68		8.45		96.4		6.87		9.4		9.8		15.0		15.5		
					0.64	121	21.86	35.68	8.55	95.9	6.83	10.2	16.0											
IM7	Fine	Moderate	12:57	13.0	S	0.77	321	21.85	21.87	35.67	35.67	8.41	8.41	98.1	98.4	6.99	7.01	6.95	3.7	3.6	6.2	5.6	5.3	9.5
						0.77	321	21.88		35.67		8.41		98.7		7.03			3.4					
						0.49	307	21.66	21.66	35.65	35.66	8.43	8.43	96.3	96.4	6.89	6.89	6.1	6.1	10.5	10.9			
					0.49	307	21.65	35.66		8.42		96.4		6.89		6.1								
					1.49	303	21.65	21.65		35.64		35.65		8.48		8.47		96.2		96.1		6.88	6.88	8.1
					1.49	303	21.65		35.65	8.45	96.0		6.87	9.6										
1.02	33	21.94	21.94	35.66	35.67	8.42	8.42		98.0	98.1	6.97		6.98	3.6	3.6		5.7	5.4						
1.02	33	21.93		35.67		8.42		98.2	6.99		3.6													
0.62	265	21.64		21.64		35.66		35.66	8.41		8.41	96.1		96.2		6.87	6.88		5.1	5.2	6.8	7.2		
0.62	265	21.64	35.66		8.41	96.2	6.88		5.2															
1.50	253	21.63	21.63		35.66	35.66	8.40		8.41	96.1		96.0	6.87		6.86	8.7		9.3	13.1		13.6			
1.50	253	21.63		35.66	8.41		95.8	6.85		9.9														
1.19	282	21.64		21.66	35.60		35.61	8.39		8.39	97.2		97.5	6.95		6.97	5.2		5.0	6.9		6.4		
1.19	282	21.67	35.61		8.38	97.8		6.99	4.7															
0.84	235	21.38	21.38		35.58	35.58		8.39	8.39		95.0	95.0		6.83	6.83		9.4	9.4		13.1	12.6			
0.30	255	21.38		35.58	8.38		95.0	6.83		9.4														
0.48	270	21.36		21.36	35.52		35.53	8.46		8.45	95.4		95.3	6.86		6.85	11.7		12.6	19.9		18.8		
0.48	270	21.36	35.53		8.43	95.1		6.84	13.5															

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: 2021/12/06

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
						Value	Direction	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
F3	Fine	Moderate	08:11	16.8	S	0.48	44	21.66	21.66	35.70	35.70	8.29	8.29	96.5	96.5	6.90	6.90	6.88	7.4	7.3	10.9	13.3	12.1	18.9		
						1.23	288	21.66		35.70		8.29		96.4		6.89		7.2	10.8							
						0.31	34	21.62	35.69	8.28	96.1	6.87	8.9	17.2												
					0.42	115	21.62	35.69	8.29	96.0	6.87	9.5	18.4													
					M	0.29	247	21.55	21.55	35.68	35.68	8.26	8.27	95.8	95.7	6.86	6.86	15.6	16.3	6.86		15.6	16.3		27.0	26.8
						0.11	93	21.55		35.68		8.27		95.6		6.85		17.0		26.5						
IM6	Fine	Moderate	07:59	13.2		S	0.70	47	21.54	21.54	35.69	35.69	8.29	8.29	95.9	95.9	6.87	6.87	6.86	10.9	10.7	12.4	18.4	17.8	20.6	
					0.70		47	21.54	35.69		8.29		95.9		6.87		10.5		17.2							
					0.32		31	21.54	35.69	8.28	95.7	6.86	11.1	18.9												
					M	1.34	265	21.54	21.54	35.69	35.69	8.28	8.28	95.6	95.7	6.85	6.86	12.0	11.6	6.85	12.0		11.6	21.3		20.1
						1.57	262	21.53		35.69		8.26		95.7		6.86		14.9		25.1						
						1.57	262	21.53	35.68	8.27	95.5	6.84	15.0	22.4												
IM7	Fine	Moderate	08:41	12.3	S	1.34	271	21.42	21.42	35.67	35.67	8.33	8.33	96.1	96.2	6.90	6.91	6.90	10.5	9.7	12.3	21.6	20.7	22.3		
						1.34	271	21.42		35.67		8.33		96.2		6.91		8.9	19.8							
						1.41	291	21.42	35.67	8.33	96.1	6.90	10.3	17.2												
					M	0.77	216	21.42	21.42	35.67	35.67	8.33	8.33	96.0	96.1	6.89	6.90	10.7	10.5	6.90		10.7	10.5		15.7	16.5
						1.45	266	21.42		35.66		8.31		96.7		6.94		16.7		30.6						
						1.45	266	21.42	35.67	8.32	96.2	6.91	16.4	29.1												
IM8	Fine	Moderate	08:30	14.0	S	0.90	306	21.26	21.27	35.62	35.62	8.28	8.28	95.5	95.5	6.88	6.88	6.87	8.2	8.0	11.0	11.5	11.7	18.4		
						0.90	306	21.27		35.62		8.28		95.4		6.87		7.8	11.8							
						1.16	31	21.27	35.61	8.27	95.3	6.86	9.6	15.4												
					M	1.16	31	21.27	21.27	35.61	35.61	8.27	8.27	95.2	95.3	6.86	6.86	11.0	10.3	6.86		11.0	10.3		15.4	15.4
						1.35	253	21.27		35.58		8.25		96.3		6.94		15.5		29.5						
						1.35	253	21.27	35.59	8.26	95.6	6.89	14.0	26.8												
IM9	Fine	Moderate	09:03	14.0	S	0.96	306	21.21	21.21	35.53	35.54	8.30	8.30	94.7	94.8	6.83	6.84	6.83	11.0	10.9	27.6	17.0	16.5	32.1		
						0.87	336	21.21		35.54		8.30		94.8		6.84		10.8	15.9							
						0.45	9	21.22	35.53	8.30	94.6	6.82	20.2	21.5												
					M	0.50	337	21.21	21.22	35.53	35.53	8.30	8.30	94.4	94.5	6.81	6.82	18.3	19.3	6.81		18.3	19.3		21.5	20.7
						0.29	225	21.26		35.45		8.31		95.0		6.85		62.2		59.0						
						0.38	286	21.27	35.48	8.31	94.7	6.83	53.7	55.8												

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/12/06

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*					
E5	Fine	Calm	12:54	6.3	S	0.31	31	20.68	20.69	33.13	33.13	8.19	8.19	103.9	104.0	7.67	7.68	7.66	20.6	19.6	24.2	17.5	17.9	24.8					
						0.31	31	20.69		33.12		8.19		104.1		7.69			18.5										
						0.36	36	20.65		33.14		8.17		103.5		7.65			22.5										
					M	0.27	40	20.65	20.65	33.14	33.14	8.18	103.4	103.5	7.64	7.65	22.6	24.4											
						0.26	44	20.65	20.65	33.15	33.15	8.15	103.0	102.9	7.61	7.61	30.6	32.4											
						0.21	38	20.65	20.65	33.15	33.15	8.16	102.8	102.9	7.60	7.61	30.5	32.1											
					IM15	Fine	Calm	12:39	7.6	S	0.31	24	20.85	20.85	33.19	33.18	8.18	8.18	104.8	104.3	7.71	7.67	7.57	18.4	19.3	29.3	21.8	21.5	30.8
											0.31	24	20.85		33.16		8.18		103.7		7.63			20.1					
											0.41	28	20.82		20.83		33.29		33.29		8.16			101.3			101.4		
M	0.30	21	20.83	20.83						33.28	33.28	8.16	101.5	101.4	7.47	7.47	29.1	31.3											
	0.29	10	20.81	20.82						33.29	33.29	8.15	100.7	100.8	7.41	7.42	37.3	37.4											
	0.29	10	20.82	20.82						33.29	33.29	8.15	100.8	100.8	7.42	7.42	37.5	37.4											

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/06

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*		
F5	Fine	Calm	10:37	5.7	S	0.66	23	20.92	20.93	33.65	33.65	8.28	8.29	97.6	97.6	7.16	7.16	7.16	22.3	22.0	48.0	22.7	23.1	74.0		
						0.66	23	20.93		33.65		8.29		97.5		7.15			21.7							
					B	0.55	32	20.92	20.92	33.71	33.72	8.25	8.25	97.1	96.7	7.12	7.09	7.09	70.6	74.1	77.5	125.0	125.0			
						0.47	32	20.92		33.72		8.25		96.3		7.06			125.0							
IM15	Fine	Calm	10:02	7.3	S	0.68	26	20.58	20.58	33.21	33.21	8.30	8.30	101.4	101.4	7.50	7.50	7.49	15.0	15.1	16.4	15.4	15.4	18.8		
						0.68	26	20.58		33.21		8.30		101.4		7.50			15.2							
					M	0.66	28	20.58	20.58	33.20	33.21	8.29	8.29	101.1	101.1	7.48	7.48	7.47	7.48	7.47	7.47	16.6	16.6		19.3	19.4
						0.67	37	20.58		33.21		8.28		101.0		7.47						16.6				
					B	0.63	22	20.58	20.58	33.20	33.20	8.29	8.30	101.0	101.0	7.47	7.47	7.47	7.47	7.47	7.47	17.3	17.4		21.4	21.7
						0.63	22	20.58		33.20		8.30		100.9		7.46						17.5			21.9	

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: 2021/12/08

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*					
E5	Fine	Moderate	14:26	6.3	S	0.27	29.0	20.95	20.95	33.07	33.08	8.09	8.09	97.9	97.9	7.20	7.20	7.19	16.3	16.6	18.7	13.8	14.3	23.6					
						0.27	28.5	20.94		33.08		8.09		97.8		7.19			16.9			14.7							
						0.32	37.5	20.94		33.08		8.08		97.7		7.18			19.0			25.5							
					M	0.26	35.1	20.93	20.94	33.08	33.08	8.09	8.09	97.6	97.7	7.18	7.18	18.4	18.7	26.3	25.9	29.8	30.5						
						0.36	24.0	20.94		33.07		8.06		98.2		7.22		20.4		29.8									
						0.31	37.6	20.94		33.08		8.07		97.8		7.19		21.0		31.2									
					IM15	Fine	Moderate	14:41	7.6	S	0.27	18.1	20.93	20.94	33.16	33.16	8.13	8.13	97.5	97.6	7.17	7.18	7.16	13.9	13.7	14.9	13.1	13.6	16.8
											0.27	18.1	20.94		33.16		8.13		97.7		7.18			13.4			14.0		
											0.28	14.4	20.92		33.16		8.11		97.2		7.15			15.1			17.7		
M	0.31	19.3	20.92	20.92						33.16	33.16	8.12	8.12	97.2	97.2	7.15	7.15	14.8	15.0	18.4	18.1	17.7	18.9						
	0.19	18.3	20.90							33.15		8.09		97.1		7.14		15.9		18.5									
	0.20	25.4	20.90							33.15		8.10		96.6		7.11		16.0		19.3									

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: 2021/12/08

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*
F5	Fine	Moderate	11:00	5.6	S	0.38	34	20.85	20.84	33.11	33.12	8.19	8.19	96.5	96.5	7.11	7.11	7.11	11.6	11.6	20.0	10.8	11.1	22.1
						0.33	32	20.82		33.12		8.19		96.5		7.11			11.6					
					B	0.29	22	20.69	20.69	33.13	33.13	8.16	8.16	94.5	94.3	6.98	6.96	6.96	27.3	28.5	29.6	32.4	33.7	33.1
						0.29	22	20.69		33.13		8.16		94.0		6.94			27.3					
IM15	Fine	Moderate	11:26	7.4	S	0.63	14	20.68	20.68	33.17	33.17	8.24	8.24	95.3	95.3	7.04	7.04	7.04	19.0	19.4	20.0	18.3	17.5	24.6
						0.63	14	20.68		33.17		8.24		95.3		7.04			19.7					
					M	0.60	16	20.66	20.66	33.17	33.17	8.23	8.23	95.2	95.2	7.03	7.03	7.03	20.2	20.6	20.2	20.9	25.3	25.9
						0.59	15	20.66		33.17		8.23		95.2		7.03			20.9					
					B	0.70	18	20.66	20.66	33.17	33.17	8.22	8.22	95.9	95.6	7.08	7.06	7.06	19.7	20.2	20.7	30.4	30.1	
						0.50	12	20.66		33.17		8.22		95.3		7.04			20.7					

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/10

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		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	DA*
E3	Cloudy	Calm	05:26	16.4	S	0.73	165	21.06	21.06	35.23	35.24	8.22	8.22	95.7	95.8	6.93	6.94	6.85	4.9	4.8	22.4	4.0	4.5	27.0
						0.47	149	21.06		35.24		8.22		95.9		6.95			4.7			5.0		
						0.72	90	21.41	21.39	35.60	35.58	8.21	8.22	93.9	94.0	6.75	6.76	14.7	13.5	10.5				
					0.36	138	21.37	35.56		8.22		94.1		6.77		12.3		10.2						
					0.72	123	21.45	35.65		8.46		94.0		6.75		48.7		62.3		66.1				
					IM6	Cloudy	Calm	04:05	14.0	S	0.48	113	21.42	21.42	35.70	35.70	8.17	8.17	95.0	95.0		6.82	6.82	
0.48	113	21.42	35.70	8.17							94.9	6.81	7.9		9.8									
1.13	17	21.41	21.41	35.70							35.70	8.16	8.17	95.0	95.0	6.82	6.82	10.7	9.9	14.8				
0.67	176	21.41		35.70						8.17		94.9		6.81		9.1		14.2						
0.83	157	21.39		21.39						35.69		35.69		8.15		8.16		95.5		95.3	6.86	6.84	15.7	17.4
0.83	157	21.39	35.69							8.16	95.0		6.82	19.0	22.0									
IM7	Cloudy	Calm	04:34		13.1	S	0.38	131	21.34	21.34	35.70		35.70	8.19	8.19		95.1	95.1	6.84		6.84		6.83	
				0.38			131	21.34	35.70		8.19	95.1		6.84		7.9	10.7							
				0.79			150	21.35	21.35	35.69	35.69	8.18	8.18	94.9	94.9	6.82	6.82	8.7	8.8	13.7				
				0.85		137	21.35	35.69		8.18		94.8		6.81		8.9		13.2						
				0.77		344	21.34	21.34		35.69		35.69		8.18		8.18		94.9		94.9	6.82	6.82		9.2
				0.77		344	21.34		35.69	8.18	94.8		6.82	9.4	13.1									
IM8	Cloudy	Calm	04:23	14.8	S	0.44	160		21.36	21.36	35.69		35.70	8.46	8.33		95.1	95.1	6.84		6.84		6.83	7.5
						0.44	160	21.36	35.70		8.19	95.1		6.83		7.2	9.0							
						0.50	316	21.36	21.37	35.70	35.70	8.18	8.18	95.0	95.0	6.83	6.83	7.5	7.6	8.3				
					0.60	127	21.37	35.70		8.18		94.9		6.82		7.7		8.5						
					0.61	114	21.37	21.37		35.69		35.69		8.16		8.17		95.3		95.0	6.85	6.83		18.4
					0.61	114	21.37		35.69	8.17	94.7		6.81	21.3	24.9									
IM9	Cloudy	Calm	04:55	15.1	S	0.99	108		21.46	21.47	35.73		35.73	8.19	8.19		94.7	94.7	6.79		6.79		6.78	8.2
						0.99	108	21.47	35.73		8.19	94.7		6.79		8.2	9.7							
						1.14	67	21.48	21.48	35.73	35.73	8.19	8.19	94.5	94.5	6.78	6.78	12.3	12.3	15.5				
					1.27	123	21.48	35.73		8.19		94.4		6.77		12.3		14.5						
					1.15	286	21.48	21.48		35.73		35.74		8.17		8.18		94.4		94.3	6.77	6.76		20.2
					1.14	117	21.48		35.74	8.18	94.2		6.75	21.5	24.6									

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/10

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		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	DA*			
F3	Fine	Calm	16:14	17.8	S	0.77	102	21.09	21.09	35.42	35.42	8.33	8.33	98.1	98.1	7.10	7.10	7.07	5.6	5.8	8.5	7.6	8.3	12.4			
						0.79	256	21.09		35.42		8.32		98.1		7.10		5.9	8.9								
						0.21	303	21.11	21.11	35.42	35.42	8.35	8.35	97.4	97.4	7.04	7.04	7.04	9.0	8.6	8.5	12.4					
					M	0.57	107	21.10	21.12	35.42	35.42	8.34	8.35	96.9	97.0	7.01	7.01	7.01	11.8	11.2	7.01	16.4	10.5	8.5	13.0	12.7	16.3
						1.22	107	21.12		35.42		8.35		96.9		7.01		11.8	16.4								
						1.22	107	21.11		35.42		8.34		97.0		7.01		10.5	16.2								
IM6	Fine	Calm	16:01	14	S	0.05	204	21.34	21.34	35.42	35.43	8.30	8.31	96.5	96.5	6.95	6.95	6.94	7.3	7.3	8.9	9.1	9.6	12.2			
						0.05	204	21.33		35.43		8.31		96.5		6.95		7.2	10.0								
						0.24	100	21.34	21.34	35.40	35.41	8.31	8.31	96.2	96.2	6.93	6.93	6.93	7.5	8.0	8.9	9.2	9.8				
					M	0.63	202	21.34	21.35	35.32	35.35	8.33	8.32	96.3	96.1	6.94	6.93	6.93	10.3	11.5	6.93	17.0	12.7	8.9	10.4	9.8	17.3
						1.42	276	21.35		35.37		8.31		95.9		6.91		12.7	17.5								
						0.31	78	21.35		21.35		35.32		35.35		8.33		8.32	96.3			96.1			6.94		
IM7	Fine	Calm	15:31	12.9	S	0.05	328	21.49	21.49	35.46	35.47	8.23	8.23	96.4	96.5	6.92	6.93	6.90	7.5	7.9	10.7	10.3	10.1	13.5			
						0.05	328	21.49		35.47		8.23		96.5		6.93		8.2	9.9								
						1.42	246	21.49	21.49	35.44	35.45	8.28	8.28	95.8	95.8	6.88	6.88	6.88	9.4	9.7	10.7	13.7	13.7				
					M	0.18	222	21.49	21.49	35.45	35.45	8.27	8.28	95.8	95.8	6.88	6.88	6.88	10.0	9.7	6.88	13.6	12.9	10.7	13.6	13.7	13.5
						0.65	149	21.49		35.38		8.29		95.7		6.87		15.9	16.0								
						0.65	149	21.49		21.49		35.41		35.40		8.28		8.29	95.6			95.7			6.87		
IM8	Fine	Calm	15:42	15.0	S	0.93	45	21.46	21.46	35.52	35.52	8.29	8.29	95.7	95.7	6.87	6.87	6.87	8.1	8.0	10.5	11.3	11.4	13.4			
						1.59	273	21.46		35.52		8.29		95.7		6.87		7.9	8.0			11.5					
						0.36	148	21.46	21.46	35.51	35.51	8.29	8.29	95.5	95.5	6.86	6.86	6.86	9.5	9.4	10.5	11.6	11.6				
					M	0.56	206	21.46	21.46	35.51	35.51	8.29	8.29	95.4	95.3	6.85	6.85	6.85	13.8	14.0	6.85	17.3	14.2	10.5	11.6	11.6	17.2
						1.52	298	21.46		35.51		8.29		95.4		6.85		13.8	17.3								
						0.49	69	21.46		21.46		35.51		35.51		8.29		8.29	95.2			95.2			6.84		
IM9	Fine	Calm	15:05	14.9	S	1.43	296	21.60	21.60	35.57	35.57	8.16	8.16	96.5	96.5	6.91	6.91	6.89	8.1	8.1	12.3	10.1	10.7	14.2			
						1.43	296	21.60		35.57		8.16		96.5		6.91		8.1	11.3								
						0.36	271	21.57	21.57	35.57	35.57	8.16	8.16	95.9	95.8	6.87	6.87	6.87	12.7	12.9	6.87	13.0	12.6				
					M	0.39	312	21.56	21.57	35.57	35.57	8.16	8.16	95.7	95.8	6.86	6.86	6.86	13.0	12.9	6.86	17.3	14.2	12.3	12.2	12.6	14.2
						0.38	30	21.57		35.59		8.19		96.0		6.88		14.4	17.3								
						1.31	275	21.56		21.57		35.58		35.59		8.17		8.18	95.6			95.8			6.85		

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: 2021/12/10

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*			
E5	Fine	Calm	17:17	7.0	S	0.32	36	20.91	20.91	31.66	31.65	8.23	8.24	110.8	111.2	8.22	8.25	8.16	5.0	5.0	6.0	5.7	7.1				
						0.32	33	20.91		31.64		8.24		111.6		8.28			4.9					5.3			
						0.38	22	20.89		31.80		31.79		8.20		108.1			8.02					6.2	6.1	6.5	6.5
					M	0.30	41	20.89	20.88	31.78	31.91	8.20	8.20	109.2	107.1	7.94	7.94	8.10	8.06	6.0	7.1	6.9	7.1	6.0	9.1		
						0.21	51	20.88		31.91		8.18		107.1		7.94		6.9		7.2		9.6		9.1			
						0.24	58	20.88		31.91		8.18		107.0		7.93		7.2		8.6							
					IM15	Fine	Calm	17:01	7.6	S	0.27	22	20.98	20.98	31.92	31.93	8.18	8.19	108.4	108.2	8.02	8.00	7.82	6.9	7.1	6.2	5.9
											0.28	27	20.97		31.93		8.19		107.9		7.98			7.2		5.6	
											0.28	25	20.88		32.26		32.26		8.15		103.1			7.63		10.1	
M	0.27	34	20.88	20.88						32.25	32.28	8.15	8.15	103.5	103.3	7.66	7.65	10.1	10.1	9.7	9.8	11.6	11.8				
	0.26	14	20.87							32.28		8.11		102.9		7.61		9.9		11.6							
	0.24	20	20.87							32.27		8.13		102.7		7.60		10.2		12.0							
B	0.26	14	20.87	20.87						32.28	32.28	8.11	8.12	102.9	102.8	7.61	7.61	7.61	7.61	9.9	10.1	11.6	11.8				
	0.24	20	20.87							32.27		8.13		102.7		7.60		10.2		12.0							

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: 2021/12/10

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*
F5	Fine	Calm	12:45	5.6	S	0.35	27	20.85	20.87	32.14	32.13	8.31	8.31	107.1	107.4	7.93	7.95	7.95	7.2	7.2	9.7	8.1	7.7	11.9
						0.35	27	20.88		32.11		8.31		107.6		7.97		7.1	7.2					
					B	0.29	37	20.74	20.74	32.59	32.60	8.26	8.26	103.1	103.1	7.63	7.63	7.63	7.63	12.0	12.2	15.6	16.1	
						0.43	48	20.74		32.60		8.26		103.1		7.63		12.4		16.5				
IM15	Fine	Calm	12:12	7.2	S	0.59	15	21.03	21.03	32.84	32.85	8.22	8.23	100.6	100.7	7.40	7.40	7.40	15.4	15.5	15.5	23.2	22.8	21.4
						0.55	16	21.03		32.85		8.23		100.7		7.40		15.6	22.4					
					M	0.61	15	20.99	21.00	32.85	32.85	8.20	8.20	99.8	99.9	7.34	7.35	7.35	7.37	15.6	15.8	25.6	25.1	
						0.63	19	21.01		32.84		8.20		100.0		7.35		16.0		24.5				
					B	0.32	359	20.99	21.00	32.84	32.84	8.12	8.15	100.1	99.9	7.36	7.35	7.35	7.35	15.0	15.3	16.5	16.2	
						0.37	353	21.00		32.84		8.17		99.7		7.33		15.6		15.9				

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/13

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	DA*		
E3	Fine	Calm	07:55	16.7	S	0.49	181	21.31	21.31	35.44	35.44	8.29	8.29	98.3	98.3	7.08	7.08	7.08	7.08	4.6	4.3	4.9	6.7	6.7	7.6	
						0.49	181	21.30		35.44		8.29		98.3		7.08		4.0								
						0.55	92	21.30		35.43		8.27		98.1		7.07		4.7								
					M	0.67	119	21.31	21.31	35.43	35.43	8.28	8.28	98.1	98.1	7.07	7.07	7.07	7.07	4.5	4.6	4.9	8.3	7.9	7.6	
						0.45	123	21.28		35.40		8.23		98.2		7.08		5.8								
						0.21	175	21.28		35.41		8.24		98.1		7.07		5.9								
B	0.75	252	21.08	21.08	35.43	35.43	8.22	8.22	96.6	96.6	6.99	6.99	6.99	6.99	6.4	6.4	6.98	7.7	8.3	10.6						
	0.75	252	21.07		35.43		8.22		96.5		6.98		6.4													
	0.80	108	21.07		35.43		8.22		96.3		6.97		7.8													
IM6	Fine	Calm	09:11	13.3	S	0.46	51	21.07	21.07	35.43	35.43	8.22	8.22	96.3	96.3	6.97	6.97	6.97	6.97	7.5	7.7	8.1	10.8	10.8	10.6	
						0.45	334	21.07		35.43		8.21		96.5		6.98		9.4								
						0.45	334	21.07		35.43		8.21		96.1		6.95		11.0								
					M	0.45	334	21.07	21.07	35.43	35.43	8.21	8.21	96.5	96.3	6.98	6.97	6.97	6.97	9.4	10.2	6.97	12.2	12.9	11.0	
						0.45	334	21.07		35.43		8.21		96.1		6.95		11.0								
						0.39	25	21.06		35.43		8.52		96.3		6.97		6.0								
IM7	Fine	Calm	08:44	12.7	S	0.09	140	21.06	21.06	35.44	35.44	8.21	8.21	96.5	96.3	6.98	6.97	6.97	6.97	6.0	6.0	6.5	10.9	10.0	11.0	
						1.84	243	21.06		35.44		8.22		96.3		6.97		6.3								
						0.54	63	21.06		35.44		8.22		96.3		6.97		6.0								
					M	0.14	51	21.06	21.06	35.44	35.44	8.21	8.22	96.4	96.4	6.98	6.98	6.98	6.98	7.9	7.2	6.98	14.4	13.0	8.6	
						0.14	51	21.06		35.44		8.22		96.4		6.98		6.5								
						0.36	190	21.09		35.44		8.21		96.3		6.97		5.1								
IM8	Fine	Calm	08:54	14.3	S	0.36	190	21.09	21.09	35.44	35.44	8.21	8.21	96.3	96.3	6.97	6.97	6.97	6.97	5.1	5.2	5.7	7.9	8.2	8.6	
						0.71	42	21.09		35.45		8.22		96.1		6.95		5.6								
						0.75	24	21.09		35.45		8.22		96.8		7.00		6.0								
					M	1.06	95	21.09	21.09	35.45	35.45	8.22	8.22	96.2	96.2	6.96	6.96	6.96	6.98	5.6	5.6	6.98	8.6	8.4	8.6	
						0.71	42	21.09		35.45		8.22		96.1		6.95		5.6								
						0.75	24	21.09		35.45		8.22		96.8		7.00		6.0								
B	0.75	24	21.09	21.09	35.45	35.45	8.22	8.22	96.2	96.2	6.96	6.96	6.96	6.98	6.4	6.2	6.98	8.9	9.2	8.6						
	0.75	24	21.09		35.45		8.22		96.2		6.96		6.4													
	0.52	263	21.29		35.39		8.24		98.1		7.07		3.5													
IM9	Fine	Calm	08:23	14.3	S	0.52	263	21.29	21.29	35.40	35.40	8.23	8.23	98.3	98.3	7.07	7.09	7.09	7.03	3.5	3.5	3.9	6.1	6.0	5.8	
						0.52	263	21.29		35.40		8.22		98.5		7.10		3.5								
						0.58	142	21.14		35.33		8.21		96.4		6.97		3.9								
					M	0.34	325	21.16	21.15	35.35	35.34	8.21	8.21	96.6	96.5	6.98	6.98	6.98	6.98	3.8	3.9	6.98	5.7	5.9	5.8	
						0.60	316	21.10		35.30		8.21		96.2		6.96		4.2								
						0.60	316	21.10		35.32		8.21		95.9		6.94		4.3								

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/13

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	Average	DA*		
F3	Fine	Calm	13:00	17.8	S	1.42	284	21.25	21.25	35.55	35.55	8.11	8.12	96.4	96.6	6.95	6.96	6.91	3.6	3.5	5.1	5.0	5.1	7.0		
						0.79	289	21.25		35.55		8.12		96.7		6.97		3.4	5.2							
						1.66	274	21.06	21.06	35.56	35.56	8.07	8.08	94.7	94.7	6.85	6.85	6.83	6.83	6.83		3.6	7.2		6.6	6.5
					0.19	146	21.06	35.55		8.09		94.7		6.85		4.5		6.3								
					0.46	308	21.02	21.02		35.56		35.56		8.03		8.04		94.5		94.4	6.84	6.83			6.83	
					0.46	308	21.02		35.56	8.04	94.3		6.82	7.6	9.8											
IM6	Fine	Calm	13:12	14.0	S	0.98	76	21.35	21.36	35.54	35.54	8.17	8.17	97.5	97.7	7.01	7.03	6.98	3.5	3.5	8.4	4.7	4.8	11.1		
						0.98	76	21.36		35.54		8.17		97.8		7.04		6.98	3.5			4.9				
						0.41	276	21.18	21.16	35.53	35.53	8.15	8.16	95.8	96.0	6.91	6.93	6.80	6.80	6.80		4.6	4.3		6.0	5.9
					0.89	141	21.14	35.52		8.16		96.2		6.95		3.9		5.8								
					B	0.32	41	21.07	21.07	35.52	35.52	8.14	8.14	94.0	94.0	6.80	6.80	6.80	6.80	6.80	17.1	17.4	23.1		22.6	
						0.32	41	21.07		35.52		8.14		93.9		6.79		17.7		22.0						
0.45	315	21.46	21.49	35.52		35.52	8.22	8.22		98.0		98.5		7.04		7.07		6.96		6.96	6.80		6.80	3.4		3.3
0.54	109	21.51		35.52	8.22		98.9		7.10	6.96	3.2		3.8													
M	0.46	257	21.08	21.08	35.51	35.51	8.23	8.23	94.8	94.8	6.85	6.85	6.85	6.85	6.85	4.6	4.4	6.1	5.9							
	1.15	91	21.08		35.51		8.23		94.8		6.85		4.1		5.7											
	0.35	200	21.06		21.06		35.51		35.51		8.21		8.21		94.0	94.0		6.80		6.80	6.80	6.80	6.80	18.5	19.4	27.5
0.35	200	21.06	35.51	8.21		93.9	6.79	20.3		29.2																
IM8	Fine	Calm	13:31	14.9	S	0.65	207	21.26	21.29	35.51	35.52	8.25	8.25	96.4	97.1	6.95	7.00	6.91	3.7	3.6	6.5	6.5	6.1	11.0		
						1.71	254	21.31		35.52		8.25		97.8		7.04		6.91	3.5			5.6				
						0.49	239	21.10	21.11	35.51	35.51	8.24	8.24	94.4	94.5	6.82	6.83	6.78	6.78	6.78		5.1	4.9		7.4	7.5
					0.89	112	21.11	35.51		8.24		94.5		6.83		4.6		7.4								
					B	0.82	291	21.10	21.10	35.51	35.51	8.22	8.23	93.8	93.8	6.78	6.78	6.78	6.78	6.78	11.9	11.1	18.2		19.5	
						1.26	264	21.10		35.51		8.23		93.8		6.78		10.2		20.8						
0.15	115	21.53	21.53	35.53		35.53	8.23	8.24		99.6		100.1		7.14		7.18		6.99		6.99	6.99		3.5	3.4		4.9
0.15	115	21.53		35.53	8.24		100.5		7.21	6.99	3.3		4.1													
IM9	Fine	Calm	14:01	15.1	S	0.72	326	21.10	21.10	35.52	35.52	8.23	8.23	94.2	94.2	6.81	6.81	6.81	7.9	7.7	8.5	9.1	8.2	10.8		
						1.15	275	21.09		35.52		8.22		94.1		6.80		7.4	7.2							
						0.20	26	21.08	21.08	35.51	35.51	8.24	8.24	94.1	93.9	6.80	6.79	6.79	14.0	14.4		18.4	19.6			
					0.20	26	21.08	35.51		8.23		93.7		6.78		14.7		20.8								

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/12/15

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		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	DA*
E3	Cloudy	Moderate	09:54	16.8	S	1.19	183	21.34	21.34	35.41	35.41	8.14	8.14	102.3	102.7	7.37	7.40	7.29	6.1	5.9	7.2	8.2	8.2	10.6
						1.19	183	21.34		35.41		8.14		103.0		7.42			5.7			8.1		
						0.54	338	21.22	21.22	35.40	35.40	8.14	8.14	99.5	99.6	7.18	7.19		7.3	7.2		11.6	11.8	
					1.23	221	21.21	35.40		8.13		99.6		7.19		7.0			11.9					
					0.81	17	21.20	21.20		35.37		35.38		8.15		8.15			99.3			99.2		
					0.81	17	21.20		35.38	8.15	99.0		7.15	8.5	12.1									
IM6	Cloudy	Moderate	11:18	13.8	S	1.57	272	21.16	21.16	35.49	35.49	8.13	8.14	99.8	100.1	7.21	7.23	7.17	5.2	5.2	6.7	7.4	7.1	9.0
						1.57	272	21.16		35.49		8.14		100.3		7.24			5.1			6.8		
						0.81	172	21.08	21.08	35.49	35.49	8.13	8.13	98.4	98.5	7.12	7.12		6.3	6.1		8.4	8.4	
					0.81	172	21.08	35.49		8.12		98.5		7.12		5.8			8.4					
					1.24	283	21.07	21.08		35.49		35.49		8.14		8.14			97.6			97.5		
					0.36	333	21.08		35.49	8.13	7.04		9.9	13.4										
IM7	Cloudy	Moderate	10:49	13.0	S	0.18	55	21.23	21.24	35.49	35.49	8.15	8.15	100.0	100.2	7.21	7.23	7.19	3.9	3.9	5.6	6.2	6.1	8.1
						0.55	229	21.24		35.49		8.14		100.4		7.24			3.8			5.9		
						0.53	123	21.20	21.20	35.49	35.49	8.14	8.14	99.1	99.3	7.15	7.16		4.3	4.1		6.8	6.6	
					0.53	123	21.20	35.49		8.14		99.4		7.17		3.9			6.4					
					0.34	349	21.14	21.15		35.48		35.48		8.15		8.15			98.2			98.0		
					0.34	349	21.15		35.48	8.15	97.8		7.06	8.5	11.1									
IM8	Cloudy	Moderate	10:59	14.0	S	0.35	6	21.25	21.25	35.50	35.50	8.15	8.15	103.0	103.3	7.43	7.45	7.37	2.5	2.4	4.9	4.0	4.1	7.0
						0.35	6	21.25		35.50		8.15		103.6		7.47			2.3			4.1		
						1.18	78	21.21	21.21	35.49	35.50	8.14	8.14	100.6	100.9	7.26	7.28		3.5	3.5		5.8	5.5	
					1.18	78	21.21	35.50		8.14		101.2		7.30		5.2			5.2					
					0.58	232	21.17	21.17		35.49		35.49		8.14		8.14			99.1			98.9		
					0.58	232	21.17		35.49	8.13	98.6		7.12	9.3	11.0									
IM9	Cloudy	Moderate	10:25	14.6	S	0.31	36	21.22	21.22	35.46	35.46	8.11	8.12	99.5	99.6	7.18	7.19	7.11	5.3	5.2	6.3	8.0	8.3	9.6
						0.31	36	21.22		35.46		8.12		99.7		7.19			5.1			8.6		
						0.89	194	21.14	21.14	35.45	35.46	8.20	8.16	97.0	97.2	7.01	7.03		6.3	6.2		8.7	8.6	
					0.89	194	21.14	35.46		8.11		97.4		7.04		6.1			8.5					
					0.67	275	21.11	21.11		35.44		35.44		8.14		8.14			96.5			96.4		
					0.43	69	21.11		35.44	8.13	96.2		6.96	7.5	11.5									

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: 2021/12/15

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		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	DA*
F3	Cloudy	Moderate	13:58	17.0	S	0.31	225	21.17	21.17	35.51	35.51	8.03	8.03	99.3	99.5	7.17	7.19	7.13	4.1	4.0	6.2	6.4	6.3	8.8
						0.28	68	21.17		35.50		8.03		99.7		7.20			3.9			6.2		
						0.16	193	21.12	35.51	8.00	97.7	7.06	4.7	6.9										
					M	0.68	179	21.11	21.12	35.51	8.00	97.8	7.08	7.07	4.9	4.8	6.2	6.9	7.2					
						1.39	268	21.04	21.04	35.53	7.99	95.9	6.94	9.9	12.4	6.94	9.9	9.8	13.0					
						1.39	268	21.04		35.52	7.99	95.8	6.93	9.6	13.5									
IM6	Cloudy	Moderate	14:11	13.7	S	1.17	344	21.25	21.27	35.48	35.48	8.14	8.15	104.9	106.0	7.56	7.64	7.41	4.1	4.0	6.6	8.9	8.5	10.1
						1.17	344	21.28		35.48		8.15		107.1		7.72			3.9			8.1		
						0.42	187	21.11	21.11	35.48	8.11	99.1	7.16	4.5	6.2									
					M	0.42	187	21.11	21.11	35.48	8.11	99.4	7.18	7.17	4.2	4.4	6.6	6.0						
						0.54	145	21.07	21.07	35.49	8.10	96.2	6.96	11.1	6.94	6.94	11.4	15.3	15.7					
						0.54	145	21.07		35.49	8.10	95.6	6.91	11.7		16.0								
IM7	Cloudy	Moderate	14:40	13.1	S	1.02	148	21.27	21.27	35.48	35.48	8.14	8.14	102.4	103.0	7.38	7.42	7.35	3.2	3.2	4.5	6.4	6.3	7.2
						0.52	342	21.27		35.48		8.14		103.5		7.46			3.2			6.1		
						0.24	203	21.25	21.25	35.48	8.13	101.0	7.28	3.9	6.7									
					M	0.87	261	21.25	21.25	35.49	8.13	101.1	7.29	7.29	3.5	3.7	4.5	6.6						
						1.46	246	21.21	21.21	35.49	8.13	99.2	7.16	6.4	4.5	4.3	8.9	8.8						
						1.46	246	21.21		35.49	8.13	98.8	7.13	7.15			6.6		8.6					
IM8	Cloudy	Moderate	14:30	14.2	S	0.98	296	21.31	21.31	35.49	35.49	8.15	8.15	107.2	107.5	7.72	7.74	7.62	2.6	2.6	3.8	4.5	4.3	6.0
						0.64	302	21.31		35.49		8.15		107.8		7.76			2.5			4.0		
						0.85	252	21.25	21.25	35.49	8.13	103.5	7.46	3.3	5.1									
					M	1.19	222	21.25	21.25	35.49	8.13	104.3	7.52	7.49	3.1	3.2	3.8	4.9						
						1.07	143	21.18	21.18	35.48	8.12	100.0	7.22	7.19	5.2	5.7	7.19	8.9						
						1.07	143	21.18		35.48	8.12	99.1	7.15	6.1	8.6									
IM9	Cloudy	Moderate	15:01	14.7	S	0.70	110	21.36	21.36	35.48	35.48	8.16	8.16	104.5	104.9	7.52	7.55	7.38	3.5	3.4	7.0	5.6	5.3	10.1
						0.70	110	21.36		35.48		8.16		105.3		7.58			4.9			4.9		
						0.65	344	21.27	21.29	35.47	8.15	99.0	7.14	5.2	7.7									
					M	0.77	242	21.31	21.29	35.48	8.15	101.1	7.28	7.21	4.5	4.9	7.0	7.4						
						0.22	149	21.13	21.13	35.47	8.14	95.4	6.89	13.0	6.88	6.88	12.9	17.1	17.3					
						0.22	149.3	21.13		35.47	8.14	95.0	6.86	12.7		17.5								

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: 2021/12/17

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*		
E5	Cloudy	Calm	11:25	6.1	S	0.05	232	21.67	21.67	33.44	33.44	8.08	8.08	117.7	117.8	8.52	8.53	8.52	7.7	7.5	7.2	11.2	10.9	10.0		
						0.42	13	21.66		33.43		8.08		117.8		8.53			7.2			10.6				
						0.26	54	21.66		33.45		8.09		117.5		8.51			7.3			10.0				
					M	0.59	192	21.66	21.66	33.45	33.45	8.08	8.09	117.5	117.5	8.51	8.51	8.51	8.51	6.8	7.1	7.2	9.9	10.0	10.0	
						0.46	265	21.63		33.48		8.11		114.6		8.30		7.0		9.4						
						0.46	265	21.65		33.46		8.10		116.5		8.44		7.1		8.9						
IM15	Cloudy	Calm	11:38	7.4	S	0.37	59	21.62	21.62	33.84	33.87	8.14	8.14	113.9	113.9	8.24	8.24	8.20	4.3	4.5	8.20	7.3	7.5	7.9		
						0.37	59	21.62		33.90		8.14		113.9		8.23			4.7			7.6				
						1.21	180	21.61		33.96		8.14		112.6		8.14			5.3			8.0				
					M	0.63	199	21.61	21.61	33.89	33.93	8.13	8.14	113.4	113.0	8.20	8.17	4.6	5.0	5.1	4.6	5.0	5.1	8.0	7.8	7.9
						0.29	24	21.59		34.22		8.13		109.9		7.93		5.8			8.4					
						0.26	237	21.59		34.22		8.12		110.1		7.95		5.9			8.2					

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: 2021/12/17

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*									
F5	Cloudy	Moderate	15:17	5.3	S	0.42	113	21.58	21.58	34.49	34.49	7.86	7.87	108.5	108.5	7.82	7.82	7.11	7.3	7.4	7.3	10.9	11.2	10.7									
						1.47	303	21.58		34.49		7.88		108.5		7.82		7.5	11.5														
					B	0.80	14	21.58	21.58	34.50	34.50	7.80	7.82	108.2	108.3	7.80	7.81	7.81	7.81	7.2	7.1	7.1	9.9		10.2								
						1.07	132	21.58		34.50		7.83		108.4		7.81		7.0		10.4													
IM15	Cloudy	Moderate	15:47	7.3	S	0.71	26	21.64	21.64	33.67	33.67	8.18	8.18	113.9	114.0	8.24	8.25	8.22	5.5	5.2	5.1	7.9	7.8	8.7									
						0.23	270	21.64		33.67		8.18		114.1		8.26			4.9			7.6											
						M	0.61	54		21.64		21.64		33.70		33.71			8.17			8.17			113.3	113.2	8.20	8.19	4.8	5.1	5.1	8.6	8.8
							0.24	300		21.64				33.71					8.17						113.1		8.18		5.3			9.0	
					B	0.18	101	21.65	21.65	33.67	33.69	8.18	8.18	112.3	112.6	8.12	8.14	8.14	8.14	4.8	5.1	5.1	9.2		9.5								
						0.52	260	21.65		33.70		8.17		112.8		8.16		5.3		9.7													

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: 2021/12/22

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	DA*	Value	Average	DA*	Value	Average	DA*					
E5	Cloudy	Calm	12:54	6.2	S	0.69	326	19.62	19.61	34.95	34.95	8.13	8.13	94.3	94.3	7.03	7.02	7.03	17.8	17.8	22.0	22.5	22.4	25.6					
						0.06	2	19.60		34.95		8.13		94.2		7.02		17.7				22.3							
						0.58	46	19.55	34.95	34.95	8.10	8.11	94.1	94.2	7.02	7.02		21.5				20.0			20.8				
					IM15	Cloudy	Calm	12:40	8.0	M	0.22	309	19.62	19.59	34.95	34.95	8.11	8.11	94.2	94.2	7.02	7.09	7.02	28.3	20.0	22.0	21.4	21.1	25.6
											0.55	113	19.51		34.94		8.06		95.8		7.15		27.5				33.5		
											0.42	6	19.51	34.94	8.09	94.1	7.03	29.1	32.8										
IM15	Cloudy	Calm	12:40	8.0						S	0.19	193	19.71	19.71	35.15	35.15	7.89	7.89	92.9	92.9	6.90	6.90	6.90	19.8	19.8	20.6	21.0	20.1	22.9
											0.19	193	19.71		35.15		7.89		92.9		6.90		19.7				19.2		
											0.42	59	19.70	35.16	7.81	92.8	6.89	21.1	21.4										
					IM15	Cloudy	Calm	12:40	8.0	M	0.45	44	19.69	19.70	35.16	35.16	7.82	7.82	92.8	92.8	6.90	6.95	6.90	20.7	20.6	20.6	23.7	23.9	25.6
											0.96	11	19.73		35.19		7.70		93.9		93.6		6.97				20.3		
											0.96	11	19.71	35.18	7.75	93.3	93.6	6.93	21.1	25.0									

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: 2021/12/22

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	DA*	Value	Average	DA*	Value	Average	DA*
F5	Cloudy	Calm	10:43	5.0	S	1.21	357	19.66	19.67	34.97	34.96	8.16	8.16	94.4	94.6	7.03	7.04	7.04	10.4	10.0	13.9	9.8	10.2	14.7
						1.21	357	19.67		34.95		8.16		94.7		7.05		9.5						
					B	0.59	80	19.61	19.62	35.27	35.26	8.15	8.15	94.8	94.2	7.05	7.00	7.00	17.5	17.9	15.0	19.3		
						1.25	108	19.62		35.24		8.15		93.5		6.95		18.3						
IM15	Cloudy	Calm	10:14	8.0	S	0.89	22	19.68	19.68	34.85	34.85	8.01	8.02	91.2	91.2	6.79	6.79	6.78	13.2	13.9	17.1	15.6	16.0	20.7
						0.80	314	19.68		34.85		8.02		91.1		6.78		14.6						
					M	0.48	27	19.68	19.68	34.88	34.88	7.95	7.97	91.1	91.1	6.78	6.78	6.78	15.8	15.4	19.4	19.1		
						0.25	349	19.68		34.87		7.98		91.0		6.78		14.9						
					B	1.37	45	19.68	19.68	34.90	34.90	7.80	7.83	92.6	92.1	6.89	6.85	6.85	21.9	22.1	26.9	27.1		
						0.17	38	19.68		34.90		7.86		91.5		6.81		22.3	27.2					

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: 2021/12/24

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)					
						Value	Direction	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
E2	Cloudy	Calm	13:53	8.4	S	0.42	223	20.49	20.53	35.41	35.42	8.30	8.30	95.3	96.0	6.97	7.01	6.94	3.6	3.5	3.9	5.4	5.3	7.0			
						1.00	268	20.57		35.42		8.30		96.6		7.05			3.4			5.1					
						0.53	195	20.38	35.42	8.30	93.6	6.86	4.4	7.3													
					M	0.53	195	20.38	20.38	35.42	35.43	8.30	8.33	93.6	93.6	6.86	6.86	6.95	6.95	6.95	6.95	4.2	4.3	3.9	7.7	7.5	8.3
						0.76	140	20.51		35.43		8.34		95.8		7.00						3.8			8.3		
						0.26	230	20.37	35.42	8.32	94.0	6.89	4.0	8.3													
IM3	Cloudy	Calm	14:41	14.9	S	0.24	266	20.29	20.29	35.17	35.18	8.56	8.40	90.9	90.9	6.68	6.68	6.69	3.1	3.1	4.4	5.3	5.2	6.4			
						0.24	266	20.28		35.18		8.23		90.9		6.68			3.1			5.0					
						0.68	70	20.10	35.18	8.23	90.7	6.69	3.8	6.0													
					M	1.56	125	20.10	20.10	35.19	35.19	8.22	8.23	90.7	90.7	6.69	6.69	6.70	6.70	6.70	6.70	3.5	3.7	6.5	5.6	5.8	8.3
						0.44	296	20.12		35.18		8.28		91.0		6.71						6.3			8.1		
						0.44	296	20.12	35.20	8.26	90.6	6.68	6.7	8.4													
IM4	Cloudy	Calm	14:19	16.8	S	0.81	350	20.20	20.22	35.22	35.22	8.20	8.20	91.7	91.9	6.75	6.76	6.73	3.7	3.7	5.8	5.6	5.8	8.6			
						0.15	92	20.23		35.22		8.20		92.0		6.77			3.6			5.9					
						0.35	149	20.21	20.21	35.23	35.24	8.23	8.23	91.2	91.2	6.71	6.71	6.73	6.73	6.73	6.73	6.4	6.5	6.5	9.7	9.6	10.6
					0.27	322	20.21	35.24		8.22		91.1		6.70		6.5						9.4					
					B	0.64	235	20.31	20.31	35.25	35.27	8.33	8.31	91.7	91.6	6.73	6.73	6.73	6.73	6.73	6.73	7.2	7.2	7.2	10.4	10.6	12.3
						0.64	235	20.31		35.28		8.29		91.5		6.72						7.2			10.7		
IM5	Cloudy	Calm	13:31	15.1		S	1.48	240	20.58	20.64	35.59	35.59	8.11	8.11	94.9	95.4	6.92	6.95	6.90	4.2	3.8	6.3	5.9	5.9	9.1		
					0.44		90	20.70	35.59		8.11		95.8		6.97		3.4			5.9							
					0.34		357	20.51	20.51	35.61	35.61	8.11	8.11	93.8	93.8	6.85	6.85	6.84	6.84	6.84	6.84	6.3	6.1	6.1	9.2	9.1	12.3
					1.76	283	20.51	35.60		8.11		93.8		6.85		5.8						8.9					
					M	0.93	306	20.53	20.53	35.62	35.62	8.12	8.12	93.9	93.8	6.85	6.84	6.84	6.84	6.84	6.84	9.0	9.2	9.2	12.5	12.3	11.5
						0.93	306	20.53		35.62		8.12		93.6		6.83						9.3			12.1		
IM6	Cloudy	Calm	13:18	13.6		S	0.86	122	20.96	20.97	35.78	35.78	7.93	7.94	96.4	96.7	6.97	6.99	6.95	3.5	3.3	4.9	4.9	4.7	7.8		
					0.70		98	20.97	35.78		7.94		96.9		7.01		3.0			4.5							
					0.45		229	20.84	20.84	35.79	35.79	7.86	7.88	95.2	95.2	6.90	6.90	6.90	6.90	6.90	6.90	4.7	4.7	4.7	6.9	7.1	11.5
					0.91	95	20.83	35.78		7.89		95.2		6.90		4.6						7.3					
					B	1.43	309	20.81	20.81	35.80	35.80	7.77	7.79	94.9	94.9	6.88	6.88	6.88	6.88	6.88	6.88	6.5	6.7	6.7	11.7	11.5	11.5
						1.43	309	20.81		35.79		7.80		94.9		6.88						6.9			11.3		

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: 2021/12/24

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		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	DA*		
F2	Cloudy	Calm	08:52	18.2	S	1.22	113	20.09	20.09	35.49	35.49	7.99	7.99	92.9	92.9	6.84	6.84	6.83	3.5	3.5	4.6	5.4	5.5	7.4		
						1.22	113	20.09		35.49		7.99		92.9		6.84			3.5			5.6				
						0.54	156	20.11	20.11	35.52	35.52	7.98	7.98	92.5	92.5	6.81	6.81	4.5	4.4	4.6	7.9	7.6				
					M	0.7	61	20.11	20.14	35.54	35.54	7.98	7.98	92.5	92.4	6.8	6.80	6.80	4.2	6.1	4.2	9.0	9.1			
						0.73	272	20.14		35.53		7.98		92.3		6.79		5.7	9.1							
						0.73	272	20.13		35.74		35.75		8.19		8.19		95.9	95.9		6.95	6.95			3.9	3.9
F3	Cloudy	Calm	09:29	17.0	S	0.10	136	20.91	20.91	35.75	35.75	8.18	8.19	95.9	95.9	6.95	6.95	6.93	3.9	3.9	4.8	6.4	6.4	7.7		
						0.09	19	20.9	20.90	35.72	35.73	8.19	8.19	95.4	95.4	6.91	6.91	5.2	5.2	4.8		7.2			7.5	
						1.41	275	20.9	20.89	35.66	35.67	8.2	8.20	95.6	95.5	6.93	6.93	5.2	5.3	6.3		9.2			9.3	
					M	0.37	108	20.89	20.89	35.68	35.67	8.19	8.19	95.4	95.5	6.92	6.93	5.4	5.3	6.3	9.2	9.3				
						0.46	1	20.89	20.89	35.66	35.67	8.2	8.20	95.6	95.5	6.93	6.93	5.2	5.3	6.3	9.2	9.3				
						0.46	1	20.89	20.89	35.66	35.67	8.2	8.20	95.6	95.5	6.93	6.93	5.2	5.3	6.3	9.2	9.3				
IM3	Cloudy	Calm	10:36	14.3	S	0.44	260	20.16	20.17	35.29	35.29	8.08	8.08	90.4	90.4	6.66	6.66	6.66	4.2	3.8	6.3	7.0	7.1	9.8		
						0.78	119	20.18	20.13	35.28	35.31	8.07	8.09	90.3	90.4	6.65	6.66	6.66	3.4	3.9		6.3			7.2	9.7
						0.26	34	20.12	20.13	35.31	35.31	8.09	8.09	90.4	90.4	6.66	6.66	7.2	7.2	6.3		9.6			9.7	
					M	0.42	63	20.14	20.10	35.3	35.31	8.08	8.11	90.3	90.4	6.65	6.66	7.2	7.2	6.3	9.7	9.7				
						0.64	249	20.1	20.10	35.31	35.31	8.11	8.11	90.9	90.7	6.7	6.68	6.68	7.5	8.0	6.3	12.6	12.7			
						0.64	249	20.1	20.10	35.31	35.31	8.1	8.11	90.4	90.7	6.66	6.68	6.68	8.4	8.0	6.3	12.8	12.7			
IM4	Cloudy	Calm	10:14	16.2	S	1.07	226	20.17	20.17	35.37	35.37	8.1	8.10	91.6	91.8	6.74	6.75	6.71	4.1	3.9	6.7	5.9	5.8	9.8		
						1.16	267	20.17	20.17	35.37	35.37	8.09	8.10	91.9	91.8	6.76	6.75	6.71	3.6	3.9		6.7			5.7	5.8
						0.98	296	20.16	20.16	35.38	35.38	8.1	8.10	90.8	90.8	6.68	6.68	6.68	5.8	5.8		6.7			7.7	7.8
					M	0.42	309	20.16	20.16	35.38	35.38	8.09	8.10	90.7	90.8	6.67	6.68	6.68	5.8	5.8	6.7	7.8	7.8			
						0.64	253	20.17	20.17	35.38	35.39	8.11	8.11	90.8	90.8	6.68	6.68	6.68	10.5	10.6	6.7	15.5	15.8			
						0.64	253	20.17	20.17	35.39	35.39	8.11	8.11	90.7	90.7	6.67	6.68	6.68	10.6	10.6	6.7	16.0	16.0			
IM5	Cloudy	Calm	09:54	14.7	S	0.21	18	20.21	20.21	35.43	35.43	8.12	8.12	92.6	92.5	6.81	6.80	6.82	3.8	3.7	8.7	4.6	4.7	9.9		
						0.16	115	20.21	20.21	35.43	35.43	8.12	8.12	92.3	92.5	6.78	6.80	6.82	3.6	3.7		8.7			4.8	4.7
						0.77	208	20.47	20.47	35.6	35.60	8.16	8.16	93.7	93.7	6.85	6.85	6.85	5.5	5.3		8.7			7.8	7.8
					M	0.80	205	20.47	20.47	35.6	35.60	8.16	8.16	93.7	93.7	6.85	6.85	6.85	5.0	5.3	8.7	7.7	7.8			
						0.39	360	20.6	20.60	35.66	35.66	8.16	8.17	93.9	93.8	6.84	6.84	6.84	17.4	17.3	6.8	17.5	17.4			
						0.39	360	20.6	20.60	35.66	35.66	8.17	8.17	93.7	93.8	6.83	6.84	6.84	17.1	17.3	6.8	17.2	17.4			
IM6	Cloudy	Calm	09:41	13.1	S	0.35	347	20.76	20.77	35.73	35.73	8.18	8.37	95.1	95.1	6.91	6.91	6.89	6.4	6.4	8.6	8.4	8.6	12.2		
						0.43	103	20.77	20.77	35.73	35.73	8.56	8.56	95.0	95.0	6.9	6.91	6.89	6.4	6.4		8.6			8.7	
						0.23	117	20.74	20.75	35.73	35.73	8.17	8.18	94.7	94.7	6.88	6.88	6.88	7.9	7.7		8.6			12.6	12.4
					M	0.23	117	20.75	20.75	35.73	35.73	8.18	8.18	94.7	94.7	6.88	6.88	6.88	7.4	7.7	8.6	12.2	12.4			
						0.83	256	20.7	20.71	35.71	35.71	8.17	8.17	94.7	94.6	6.89	6.88	6.88	12.4	11.9	6.8	15.6	15.7			
						0.22	329	20.71	20.71	35.71	35.71	8.17	8.17	94.5	94.6	6.87	6.88	6.88	11.3	11.9	6.8	15.7	15.7			

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: 2021/12/27

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*
E4	Cloudy	Moderate	19:27	12.0	S	0.54	146	19.43	19.44	35.55	35.56	8.31	8.32	91.7	91.7	6.83	6.83	6.83	16.3	16.3	19.0	21.3	21.1	23.6
						0.54	146	19.44		35.56		8.32		91.7		6.83			16.2			20.8		
						0.69	157	19.44	35.55	8.30	91.7	6.83	18.0	23.2										
					M	0.76	256	19.44	35.56	8.63	91.7	6.83	17.9	24.0										
						0.53	171	19.44	35.54	8.24	94.1	93.3	7.01	25.9										
						0.38	222	19.44	35.55	8.27	92.4	6.88	22.2	26.4										
IM10	Cloudy	Moderate	20:34	12.0	S	0.24	8	19.63	19.63	35.59	35.59	8.32	8.32	91.0	91.1	6.75	6.76	6.76	16.0	15.7	17.8	21.0	20.9	23.1
						0.24	8	19.63		35.59		8.32		91.1		6.76			15.3			20.7		
						0.84	80	19.63	35.58	8.29	91.2	6.77	17.6	22.0										
					M	0.68	70	19.64	35.59	8.30	91.0	91.1	6.77	16.1	16.9									
						0.10	329	19.41	35.53	8.23	93.0	92.5	6.93	20.7	21.0									
						0.10	329	19.41	35.53	8.25	91.9	6.85	21.2	26.7										
IM11A	Cloudy	Moderate	20:22	5.0	S	0.96	197	19.33	19.33	35.54	35.54	8.30	8.30	91.4	91.4	6.82	6.82	6.82	34.6	34.3	31.6	49.0	49.5	47.0
						0.96	197	19.32		35.54		8.30		91.4		6.82			34.0			50.0		
					B	0.93	7	19.31	35.53	8.25	92.0	91.8	6.87	28.8	29.0									
						0.94	300	19.31	35.54	8.28	91.6	6.84	6.86	29.1	44.4									
IM12	Cloudy	Moderate	20:11	13.0	S	0.82	138	19.45	19.45	35.53	35.53	8.34	8.34	91.3	91.3	6.80	6.80	6.80	20.9	20.3	29.3	53.6	54.2	42.3
						0.82	138	19.44		35.53		8.34		91.3		6.80			19.7			54.8		
						1.30	170	19.50	35.54	8.31	91.2	6.79	29.2	40.0										
					M	1.07	194	19.52	35.54	8.32	91.1	91.2	6.78	6.79	31.9	30.6								
						1.22	151	19.50	35.54	8.27	91.8	91.6	6.83	37.5	32.8									
						1.21	144	19.51	35.54	8.30	91.3	6.79	6.81	36.8	37.2									
IM13	Cloudy	Moderate	19:51	17.0	S	1.44	141	19.65	19.65	35.60	35.61	8.33	8.33	92.4	92.4	6.85	6.85	6.84	12.9	12.9	14.6	18.1	18.4	23.0
						1.44	141	19.64		35.61		8.33		92.3		6.85			12.9			18.7		
					M	0.09	289	19.65	35.61	8.32	92.2	92.2	6.84	13.4	22.9									
						0.49	249	19.66	35.61	8.33	92.1	6.83	6.84	13.3	22.6									
					B	0.16	235	19.65	35.60	8.27	92.6	92.4	6.87	15.5	17.6									
						1.02	205	19.67	35.60	8.30	92.1	6.83	6.85	19.6	28.0									
IM14	Cloudy	Moderate	19:40	11.2	S	0.87	234	19.34	19.34	35.55	35.55	8.31	8.31	91.6	91.5	6.84	6.83	6.82	18.5	20.7	24.5	25.1	24.7	30.0
						0.27	224	19.34		35.54		8.31		91.4		6.82			22.8			24.3		
						0.61	165	19.36	35.54	8.29	91.4	6.82	24.3	29.6										
					M	1.12	276	19.36	35.54	8.30	91.3	6.81	25.1	29.8										
						1.20	224	19.36	35.54	8.25	92.2	6.88	26.3	35.4										
						0.52	102	19.36	35.54	8.27	91.5	6.83	6.86	29.8	35.7									

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: 2021/12/27

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*		
F4	Cloudy	Moderate	11:32	13.0	S	0.40	222	19.71	19.71	35.67	35.67	8.19	8.21	92.0	92.0	6.81	6.81	6.79	13.8	13.6	17.2	17.8	17.5	23.3		
						0.40	222	19.71		35.67		8.22		92.0		6.81			13.3			17.1				
					M	0.21	133	19.72	19.73	35.69	35.69	8.18	8.19	91.4	91.4	6.77	6.77	17.4	17.2	6.78	16.9	21.0	17.2	22.1	21.7	23.3
						0.91	248	19.73		35.69		8.19		91.3		6.76		16.9			21.3					
					B	0.54	308	19.74	19.75	35.71	35.71	8.10	8.12	91.8	91.6	6.79	6.78	20.3	21.0	6.78	21.6	21.0	17.2	31.0	30.7	23.3
						0.54	308	19.75		35.71		8.14		91.3		6.76		21.6			30.3					
IM10	Cloudy	Moderate	12:03	11.3	S	1.19	271	19.54	19.54	35.52	35.53	8.23	8.23	92.3	92.3	6.86	6.86	6.84	13.2	13.1	27.4	18.1	17.8	38.2		
						1.19	271	19.54		35.53		8.23		92.3		6.86			12.9			17.4				
					M	0.23	35	19.52	19.53	35.52	35.52	8.23	8.23	91.7	91.7	6.82	6.82	20.3	20.0	6.81	6.82	20.0	27.4	28.0	28.5	38.2
						0.92	248	19.53		35.52		8.23		91.6		6.81		19.7			28.9					
					B	0.11	262	19.53	19.53	35.50	35.50	8.22	8.23	91.5	91.5	6.81	6.81	50.5	49.3	6.81	6.81	49.3	27.4	68.3	68.4	38.2
						1.04	279	19.53		35.50		8.23		91.4		6.80		48.0			68.5					
IM11A	Cloudy	Moderate	12:15	4.5	S	0.38	92	19.39	19.40	35.55	35.56	8.20	8.20	92.4	92.4	6.89	6.89	6.89	54.0	57.3	47.3	82.4	82.7	66.5		
						0.72	281	19.41		35.56		8.20		92.3		6.88			60.6			83.0				
					B	1.17	292	19.25	19.31	35.54	35.54	8.10	8.12	97.3	95.7	7.27	7.15	7.15	7.15	7.15	36.8	37.2	47.3	50.6	50.2	66.5
0.16	159	19.36	35.54	8.13		94.1	7.02	37.6		49.8																
IM12	Cloudy	Moderate	12:27	13.0	S	0.80	235	19.59	19.59	35.59	35.59	8.25	8.25	92.3	92.4	6.85	6.86	6.85	22.5	22.6	28.0	32.1	31.6	42.1		
						0.39	236	19.59		35.59		8.25		92.4		6.86			22.7			31.1				
					M	1.27	351	19.61	19.61	35.59	35.59	8.24	8.24	92.1	92.1	6.84	6.84	29.8	30.2	6.86	6.84	30.2	28.0	46.1	46.0	42.1
						0.70	343	19.61		35.59		8.24		92.1		6.84		30.5			45.9					
					B	0.98	333	19.60	19.61	35.59	35.59	8.19	8.20	92.5	92.3	6.87	6.86	31.4	31.3	6.86	6.86	31.3	28.0	49.1	48.8	42.1
						0.58	316	19.61		35.59		8.21		92.1		6.84		31.2			48.5					
IM13	Cloudy	Moderate	12:47	17.0	S	0.62	141	19.78	19.79	35.63	35.63	8.28	8.28	93.0	93.0	6.88	6.88	6.87	12.2	12.0	14.4	15.9	15.7	18.5		
						1.59	261	19.79		35.63		8.28		93.0		6.88			11.7			15.4				
					M	0.28	346	19.80	19.81	35.63	35.64	8.27	8.27	92.8	92.8	6.86	6.86	14.0	13.9	6.86	6.86	13.9	14.4	19.2	19.2	18.5
						0.16	302	19.81		35.64		8.27		92.7		6.85		13.8			19.2					
					B	0.41	275	19.77	19.77	35.61	35.62	8.23	8.24	93.7	93.5	6.93	6.92	16.0	17.3	6.92	6.92	17.3	14.4	20.4	20.8	18.5
						0.18	81	19.77		35.62		8.25		93.2		6.90		18.5			21.1					
IM14	Cloudy	Moderate	12:56	11.0	S	1.18	357	19.68	19.68	35.56	35.56	8.27	8.39	92.8	92.8	6.88	6.88	6.87	14.0	14.0	18.9	18.5	18.5	25.6		
						1.41	4	19.68		35.56		8.51		92.7		6.87			14.0			18.4				
					M	0.95	43	19.68	19.68	35.57	35.57	8.25	8.26	92.6	92.6	6.87	6.87	14.5	14.3	6.87	6.87	14.3	18.9	20.7	21.1	25.6
						0.69	44	19.68		35.57		8.26		92.5		6.86		14.1			21.4					
					B	0.92	318	19.66	19.66	35.56	35.56	8.19	8.20	94.0	93.4	6.97	6.93	26.6	28.5	6.93	6.93	28.5	18.9	37.1	37.3	25.6
						0.95	27	19.66		35.56		8.21		92.7		6.88		30.3			37.5					

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/27

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	17:29	6.0	S	0.14	172	19.62	19.62	34.79	34.79	8.27	8.27	86.9	86.9	6.48	6.48	6.49	6.2	6.2	6.5	7.9	7.9	9.8
						0.14	172	19.62		34.78		8.27		86.9		6.48			7.9					
						0.23	212	19.61	34.79	8.21	87.0	6.49	6.3											
					M	0.23	212	19.62	34.80	8.24	87.0	6.49	6.1											
						0.71	324	19.64	34.81	8.45	95.6	7.13	7.3											
						1.35	61	19.65	34.82	8.14	87.5	6.52	6.8											
IM15	Cloudy	Moderate	18:40	7.0	S	0.60	215	19.07	19.07	35.16	35.16	8.33	8.33	92.3	92.3	6.94	6.94	6.93	10.1	10.1	11.7	10.0	10.1	11.7
						0.60	215	19.07		35.15		8.33		92.3		6.94			10.1					
						0.43	147	19.13	35.22	8.30	92.2	6.92	11.8											
					M	0.16	3	19.12	35.19	8.32	92.0	6.91	11.4											
						0.20	83	19.13	35.23	8.24	93.7	7.03	12.9											
						0.09	257	19.14	35.24	8.28	92.3	6.93	13.9											
IM16A	Cloudy	Moderate	18:14	8.0	S	0.38	141	18.86	18.86	35.04	35.05	8.33	8.33	93.3	93.3	7.05	7.05	7.05	19.6	19.8	21.1	23.7	23.4	25.3
						0.38	141	18.85		35.05		8.33		93.2		7.04			23.1					
						0.61	78	18.87	35.05	8.31	93.4	7.05	22.8											
					M	0.98	86	18.86	35.05	8.31	93.3	7.05	20.7											
						0.35	287	18.87	35.04	8.22	97.6	7.37	26.9											
						0.35	35	18.87	35.05	8.28	93.6	7.07	26.4											
IM17	Cloudy	Moderate	17:54	15.1	S	0.31	274	18.89	18.90	34.74	34.75	8.29	8.30	91.6	91.6	6.93	6.93	6.93	13.9	13.9	14.6	15.5	15.8	17.0
						0.31	274	18.91		34.75		8.30		91.6		6.92			13.8					
						1.43	90	18.92	34.73	8.20	94.3	7.13	15.1											
					B	0.60	78	18.93	34.74	8.26	91.9	6.94	15.6											

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/27

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		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*									
F5	Cloudy	Moderate	13:28	5.5	S	0.34	199	19.33	19.33	35.23	35.23	8.33	8.30	93.5	93.4	6.99	6.98	6.98	10.8	10.8	11.3	11.2	11.1	12.8							
						0.02	259	19.32		35.23		8.26		93.2		6.97		10.9													
					B	0.53	128	19.31	19.32	35.20	35.21	8.18	8.20	96.4	95.3	7.21	7.13	7.13	12.3	11.9		14.5									
						0.66	47	19.32		35.22		8.22		94.1		7.04		11.4													
IM15	Cloudy	Moderate	13:51	7.0	S	0.52	45	19.19	19.19	34.89	34.90	8.25	8.25	92.2	92.3	6.93	6.93	6.93	8.4	8.3	8.9	9.4	9.6	9.7							
						0.52	45	19.19		34.90		8.25		92.3		6.93		8.1													
					M	0.30	341	19.18	19.19	34.86	34.87	8.23	8.24	92.2	92.3	6.93	6.93	6.93	8.5	8.5		9.5									
						0.45	250	19.19		34.88		8.24		92.3		6.93		8.4													
					B	0.73	41	19.17	19.18	34.78	34.80	8.17	8.19	95.3	94.0	7.17	7.07	7.07	10.2	10.0		10.2									
						0.71	8	19.18		34.82		8.20		92.7		6.97		9.8													
					IM16A	Cloudy	Moderate	14:11	8.0	S	0.95	198	19.34	19.35	34.61	34.62	8.20	8.21	89.9	89.9		6.75	6.75		6.74	10.8	10.9	11.3	13.2	13.2	14.2
											0.95	198	19.35		34.62		8.22		89.8			6.74			11.0						
M	0.66	122	19.35	19.35						34.62	34.62	8.18	8.19	89.8	89.8	6.74	6.74	6.74	11.5	11.4	13.9										
	0.40	337	19.35							34.62		8.19		89.7		6.73		14.0													
B	0.25	308	19.35	19.35						34.61	34.61	8.11	8.13	94.5	92.6	7.09	6.95	6.95	10.8	11.5	15.2										
	0.25	308	19.35							34.61		8.15		90.6		6.80		12.2													
IM17	Cloudy	Calm	14:35	5.0	S	0.38	38	19.06	19.06	33.90	33.91	8.14	8.15	89.9	89.8	6.81	6.80	6.80	12.2	12.2	12.6	12.7	15.9	17.9							
						0.38	38	19.06		33.91		8.15		89.7		6.79		12.1													
					B	0.44	100	19.06	19.06	33.88	33.89	8.07	8.09	93.3	92.1	7.07	6.98	6.98	13.0	13.1		19.8									
						1.23	28	19.06		33.89		8.11		90.8		6.88		13.1													

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/29

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*	
E4	Cloudy	Calm	09:15	11.9	S	0.28	203	19.37	19.37	33.86	33.86	8.26	8.27	91.7	91.6	6.91	6.90	6.89	10.1	10.1	11.3	9.3	9.6	10.8	
						0.42	202	19.37		33.86		8.27		91.5		6.89			10.1						
					M	0.38	211	19.36	19.37	33.91	33.91	8.24	8.25	91.4	91.4	6.88	6.88	10.7	11.1	10.9		11.0	11.4		
						0.41	206	19.37		33.91		8.25		91.4		6.88		11.4							
					B	0.28	209	19.33	19.35	33.93	33.94	8.21	8.22	92.6	92.1	6.98	6.94	11.9	12.8	11.4		11.8	12.1		
						0.33	223	19.36		33.94		8.22		91.5		6.89		13.6							
IM10	Cloudy	Calm	08:20	11.7	S	1.65	342	19.77	19.77	35.67	35.67	8.17	8.17	94.5	94.5	6.99	6.99	6.99	14.0	14.0	14.3	14.8	15.2	16.7	
						0.92	36	19.76		35.67		8.16		94.4		6.98			13.9						
					M	0.77	306	19.80	19.81	35.65	35.66	8.18	8.18	94.6	94.6	7.00	7.00	7.00	7.02	13.9		13.9	16.4		16.5
						0.72	250	19.82		35.66		8.17		94.6		6.99		16.5							
					B	0.11	73	19.85	19.85	35.62	35.63	8.20	8.20	95.2	95.0	7.03	7.02	7.02	7.02	14.8		15.0	18.5		18.6
						0.11	73	19.85		35.64		8.19		94.8		7.00		15.2							
IM11A	Cloudy	Calm	08:34	4.5	S	1.00	202	19.25	19.25	35.62	35.62	8.11	8.11	93.8	93.8	7.01	7.01	7.01	27.8	27.9	31.2	41.0	41.7	49.4	
						0.91	192	19.24		35.62		8.11		93.7		7.00		27.9							
					B	0.29	194	19.24	19.24	35.61	35.62	8.09	8.10	94.1	94.0	7.03	7.02	7.02	34.9	34.5		55.6	57.0		
						0.20	226	19.24		35.62		8.10		93.8		7.01		58.4							
IM12	Cloudy	Calm	08:44	12.8	S	0.95	160	19.45	19.45	35.67	35.67	8.13	8.13	93.8	93.8	6.98	6.98	6.98	12.6	12.0	19.7	13.6	14.1	26.1	
						0.06	153	19.45		35.67		8.13		93.8		6.98			11.3						
					M	1.37	173	19.39	19.40	35.65	35.66	8.12	8.13	93.5	93.5	6.97	6.97	6.97	6.97	23.8		21.9	40.3		36.3
						0.55	49	19.40		35.66		8.13		93.5		6.96		32.2							
					B	0.61	47	19.38	19.38	35.64	35.65	8.10	8.11	94.0	93.8	7.01	7.00	7.00	7.00	25.9		25.2	29.4		27.8
						1.05	160	19.38		35.65		8.11		93.6		6.98		24.5							
IM13	Cloudy	Calm	09:31	17.1	S	0.41	193	19.53	19.53	33.91	33.91	8.30	8.30	93.0	93.0	6.98	6.98	6.98	9.7	9.7	18.4	7.8	8.3	16.0	
						0.41	193	19.53		33.91		8.30		92.9		6.98			8.7						
					M	0.33	211	19.52	19.52	33.95	33.95	8.28	8.29	92.0	92.1	6.91	6.92	6.92	6.92	10.3		10.2	11.4		10.8
						0.36	196	19.52		33.95		8.29		92.2		6.92		10.1							
					B	0.37	193	19.50	19.50	33.96	33.96	8.26	8.26	91.6	91.6	6.88	6.88	6.88	6.88	32.6		35.4	28.3		28.9
						0.32	200	19.50		33.96		8.26		91.5		6.87		38.2							
IM14	Cloudy	Calm	09:46	11.1	S	0.51	205	19.12	19.12	33.77	33.77	8.26	8.27	91.3	91.4	6.91	6.92	6.91	13.2	13.0	15.7	12.4	12.0	17.3	
						0.50	213	19.12		33.77		8.27		91.4		6.92			11.6						
					M	0.50	203	19.09	19.10	33.80	33.80	8.25	8.25	91.1	91.2	6.90	6.91	6.91	6.91	15.9		15.5	18.2		17.7
						0.41	206	19.10		33.80		8.25		91.3		6.91		17.1							
					B	0.47	193	19.09	19.09	33.81	33.81	8.23	8.24	91.8	91.5	6.95	6.93	6.93	6.93	18.4		18.6	22.8		22.1
						0.35	225	19.09		33.81		8.24		91.2		6.91		18.8							

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/29

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*
F4	Fine	Calm	14:17	13.4	S	0.93	258	20.77	20.77	35.75	35.75	8.22	8.23	98.4	98.7	7.15	7.17	7.04	6.4	6.1	15.6	5.8	5.7	19.4
						0.88	88	20.77		35.75		8.23		99.0		7.19		5.8						
						0.44	185	19.88	35.70	8.22	93.6	6.91	16.7											
					M	0.26	313	19.84	35.72	8.21	93.4	6.90	14.1	13.1										
						0.86	224	19.75	35.67	8.57	94.0	6.96	23.8	35.2										
						0.54	351	19.75	35.67	8.24	92.9	6.88	26.6	34.9										
IM10	Fine	Calm	13:44	11.7	S	0.27	234	20.68	20.58	35.85	35.85	8.22	8.22	97.3	97.8	7.07	7.12	7.04	8.4	7.9	21.6	6.0	6.5	30.8
						0.69	260	20.47		35.84		8.22		98.3		7.17		7.0						
						0.05	17	19.90	35.81	8.22	94.3	6.95	24.4											
					M	0.05	17	19.90	35.81	8.22	94.3	6.95	23.8	31.2										
						0.83	240	19.89	35.81	8.24	94.5	6.97	32.8	52.8										
						0.83	240	19.89	35.81	8.22	94.0	6.93	33.0	54.7										
IM11A	Fine	Calm	13:31	4.6	S	1.08	330	19.43	19.42	35.68	35.68	8.18	8.18	94.7	94.7	7.05	7.05	7.05	18.0	18.3	20.7	23.2	23.9	31.5
						0.23	46	19.40		35.67		8.18		94.7		7.05		18.5						
						0.82	4	19.40	35.65	8.19	94.5	7.04	25.1											
					B	0.94	301	19.36	35.68	8.19	94.7	7.06	21.3	35.6										
						1.37	272	19.58	35.72	8.15	93.6	6.95	22.1	42.4										
						0.71	261	19.57	35.74	8.15	93.5	6.94	23.9	26.8										
IM12	Fine	Calm	13:20	12.6	S	0.53	262	19.52	19.52	35.72	35.72	8.11	8.12	93.2	93.2	6.92	6.93	6.94	22.1	23.0	29.5	28.9	27.9	37.5
						1.04	315	19.51		35.72		8.12		93.2		6.93		26.8						
						0.57	50	19.48	35.72	8.04	93.0	6.91	28.2	31.5										
					M	0.50	262	19.47	35.71	8.07	92.9	6.91	34.1	32.8										
						0.47	1	19.42	33.70	8.16	96.1	7.24	36.2	43.0										
						0.47	1	19.43	33.70	8.16	96.5	7.27	39.9	60.6										
IM13	Cloudy	Calm	13:24	17.0	S	0.59	15	19.37	19.38	33.73	33.73	8.14	8.14	95.0	95.1	7.16	7.17	7.21	9.2	9.2	16.4	8.8	9.2	83.6
						0.52	16	19.38		33.72		8.14		95.2		7.18		15.5						
						0.50	14	19.37	33.74	8.12	95.0	7.16	13.9	86.9										
					M	0.54	14	19.37	33.74	8.12	94.6	7.13	19.4	53.2										
						0.41	27	19.32	33.65	8.12	95.8	7.23	20.1	188.5										
						0.43	28	19.32	33.65	8.13	96.0	7.25	176.0	188.5										
IM14	Cloudy	Calm	13:09	11.4	S	0.50	13	19.25	19.26	33.64	33.65	8.11	8.12	95.0	95.1	7.18	7.19	7.21	9.6	9.6	13.7	11.2	11.1	14.4
						0.48	27	19.26		33.65		8.12		95.1		7.19		11.0						
						0.41	24	19.23	33.63	8.08	94.4	7.14	13.3	13.6										
					M	0.41	24	19.23	33.63	8.08	94.4	7.14	18.2	18.6										
						0.36	31	19.23	33.64	8.09	94.5	7.15	21.4	18.9										
						0.36	31	19.23	33.64	8.09	94.5	7.15	21.4	18.9										

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: 2021/12/29

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		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	DA*
E6	Cloudy	Calm	07:01	6.0	S	0.16	12	19.07	19.07	32.89	32.90	8.13	8.14	87.4	87.5	6.66	6.67	6.66	4.2	4.2	6.66	3.8	3.7	4.4
						0.08	340	19.07		32.90		8.14		87.6		6.67			4.1			3.6		
						0.17	346	19.12	32.93	8.11	87.4	6.65	4.4	4.5										
					M	0.12	10	19.16	19.14	32.98	32.96	8.13	87.4	6.64	4.6	4.5	4.5	4.2						
						0.11	359	19.16	19.17	32.98	32.99	8.07	88.4	6.72	4.6	5.3	4.8	5.3						
						0.23	354	19.17	32.99	8.09	87.5	6.65	4.8	4.7	5.7	5.7								
IM15	Cloudy	Calm	08:24	6.4	S	0.14	149	18.83	18.84	33.71	33.71	8.26	8.26	91.9	92.1	7.00	7.01	6.99	7.0	6.9	6.99	9.8	10.1	8.6
						0.12	159	18.84		33.71		8.26		92.2		7.02			7.01			6.7		
						0.10	146	18.97	18.95	33.81	33.80	8.24	91.8	6.97	10.4	10.1	7.8	6.4						
					M	0.10	201	18.93	18.97	33.79	33.80	8.25	91.5	6.95	9.8	10.1	4.9	6.4						
						0.12	165	18.97	18.97	33.81	33.82	8.22	93.9	7.13	10.3	10.2	7.2	9.3						
						0.08	201	18.96	18.97	33.82	33.82	8.22	92.6	7.03	10.1	10.2	11.4	9.3						
IM16A	Cloudy	Calm	07:54	8.2	S	0.10	185	18.45	18.45	33.05	33.05	8.22	8.23	92.5	92.6	7.12	7.13	7.10	6.8	6.8	7.10	3.6	3.7	5.6
						0.14	169	18.45		33.05		8.23		92.6		7.13			6.8			3.7		
						0.06	146	18.53	18.53	33.17	33.17	8.21	92.0	7.07	8.1	4.1	4.2							
					M	0.11	153	18.53	18.53	33.17	33.17	8.22	92.2	7.08	8.0	8.1	4.2	4.2						
						0.08	28	18.76	18.77	33.53	33.53	8.19	92.5	7.06	12.4	12.3	12.4	9.1						
						0.02	68	18.77	18.77	33.53	33.53	8.20	92.0	7.02	12.2	12.3	9.4	9.1						
IM17	Cloudy	Calm	07:30	5.8	S	0.13	188	18.63	18.62	32.73	32.73	8.17	8.17	91.0	90.9	7.00	6.99	6.99	5.8	5.8	6.99	2.8	3.3	4.3
						0.11	235	18.61		32.73		8.17		90.8		6.98			5.7			5.8		
						0.11	137	18.65	18.65	32.78	32.78	8.12	92.6	7.12	6.1	6.1	5.6	5.3						
					B	0.10	182	18.65	18.65	32.77	32.78	8.13	91.5	7.03	6.1	6.1	5.0	5.3						

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/29

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*	
F5	Cloudy	Calm	14:08	5.5	S	0.34	199	19.33	19.33	35.23	35.23	8.33	8.30	93.5	93.4	6.99	6.98	6.98	10.8	10.8	11.3	10.4	10.2	13.8	
						0.02	259	19.32		35.23		8.26		93.2		6.97		10.7							
					B	0.53	128	19.31	19.32	35.20	35.21	8.18	8.20	96.4	95.3	7.21	7.13	7.13	12.3	11.9		11.4	17.1		17.3
						0.66	47	19.32		35.22		8.22		94.1		7.04		17.5							
IM15	Cloudy	Calm	14:34	7.2	S	0.73	20.5	18.99	18.99	33.5	33.50	8.12	8.13	93.6	93.6	7.12	7.12	7.11	13.4	13.3	14.4	12.1	12.8	16.1	
						0.73	20.5	18.99		33.5		8.13		93.6		7.12		13.2							
					M	0.57	28.6	19.02	19.02	33.53	33.53	8.11	8.11	93.4	93.3	7.1	7.09	7.08	15.1	14.2		17.0	17.4		
						0.52	24.4	19.02		33.53		8.11		93.2		7.08		13.2							
					B	0.66	17.5	19.03	19.03	33.55	33.55	8.08	8.09	94.1	93.9	7.15	7.13	7.13	15.2	15.8		18.6	18.2		
						0.58	18	19.03		33.54		8.09		93.6		7.11		16.4							
IM16A	Cloudy	Calm	14:56	8.2	S	0.31	359.8	19.12	19.10	33.09	33.09	8.1	8.11	93.3	93.4	7.09	7.11	7.12	14.5	13.6	19.2	14.0	10.1	16.1	
						0.6	7.5	19.07		33.09		8.11		93.5		7.12		12.6							
					M	0.48	5.1	19.11	19.12	33.11	33.11	8.09	8.10	93.9	93.7	7.14	7.13	7.13	15	15.1		15.2	14.8		
						0.29	0	19.13		33.11		8.1		93.5		7.11		14.4							
					B	0.49	351.4	18.98	18.98	33.15	33.15	8.08	8.09	94.7	94.5	7.22	7.20	7.20	27.6	28.9		21.2	23.4		
						0.56	355.6	18.98		33.14		8.09		94.2		7.18		30.2							
IM17	Cloudy	Calm	15:24	5.8	S	0.61	0	19.32	19.32	32.78	32.78	8.08	8.09	92.8	92.7	7.04	7.04	7.04	12.2	12.2	12.6	7.7	8.1	23.3	
						0.61	0	19.32		32.77		8.09		92.6		7.03		12.1							
					B	0.52	350.3	19.3	19.30	32.85	32.84	8.04	8.05	93.4	93.0	7.09	7.06	7.06	13.0	13.1		38.3	38.5		
						0.52	350.3	19.3		32.83		8.05		92.5		7.02		13.1							

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/31

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*						
E4	Cloudy	Moderate	10:55	12.0	S	0.41	204	20.19	20.19	34.17	34.17	8.17	8.17	93.7	93.8	6.94	6.95	6.93	14.3	14.3	16.9	20.8	20.5	25.3						
						0.36	213	20.19		34.17		8.17		93.8		6.95			14.3											
						0.36	205	20.19	34.22	8.15	93.5	6.92	15.4																	
					M	0.36	205	20.19	20.19	34.22	34.22	8.15	8.15	93.5	93.4	6.92	6.92	15.2	15.3	25.4	25.8									
						0.34	200	20.18		34.25		8.13		93.5		6.92		21.9												
						0.36	207	20.18	34.24	8.13	93.1	6.89	20.4	30.2																
B	0.60	310	20.22	20.18	35.82	34.25	8.21	8.13	96.2	93.3	7.05	6.91	6.91	6.91	10.0	9.8	15.4	14.9												
	0.47	222	20.23		35.82		8.21		96.2		7.05		7.05		9.6															
	0.27	9	20.22	35.83	8.20	95.9	7.03	7.04	13.1	12.9	18.7	19.2																		
IM10	Cloudy	Moderate	10:05	12.1	S	0.27	9	20.22	20.22	35.83	35.83	8.20	8.20	96.0	96.0	7.04	7.04	7.06	12.8	13.0	11.9	19.6	19.7	17.9						
						0.27	9	20.22		35.83		8.20		96.0		7.04			12.6											
						0.55	64	20.22	35.82	8.19	96.5	7.07	12.8																	
					M	0.55	64	20.22	20.22	35.82	35.82	8.19	8.19	96.1	96.3	7.05	7.06	7.06	7.06	13.1	13.0	20.3	19.7							
						0.55	64	20.22		35.82		8.19		96.1		7.05		13.1												
						0.40	158	20.14	20.15	35.85	35.85	8.19	8.20	95.4	95.4	7.00	7.00	7.00	7.00	26.5	26.3	39.2	40.0							
0.76	151	20.15	35.85	8.20	95.4	7.00	26.0																							
B	0.97	142	20.08	20.08	35.84	35.84	8.18	8.19	96.2	96.0	7.07	7.05	7.05	7.05	30.3	31.5	60.7	60.6												
	1.46	157	20.07		35.84		8.19		95.7		7.03		32.7																	
	0.81	102	20.17	20.17	35.85	35.85	8.22	8.22	95.7	95.7	7.02	7.02	7.02	7.02	13.5	13.0	20.6	20.1												
0.31	2	20.17	35.85		8.22		95.6		7.01		12.5																			
IM12	Cloudy	Moderate	10:29	13.1	S	1.02	320	20.19	20.19	35.85	35.85	8.20	8.21	95.3	95.3	6.99	6.99	7.01	17.9	16.7	17.1	21.6	21.3	24.6						
						0.04	198	20.19		35.85		8.21		95.3		6.99			15.5											
						1.21	173	20.19	20.20	35.85	35.85	8.17	8.18	95.8	95.6	7.03	7.01	7.01	7.01	21.1	21.5	31.6	32.4							
					1.21	173	20.20	35.85		8.19		95.3		6.99		21.9														
					IM13	Cloudy	Moderate	11:10	17.2	S	0.34	172	20.05	20.06	33.74	33.74	8.18	8.19	94.9	94.9	7.06	7.06	6.97		7.5	7.4	14.7	9.8	9.7	19.1
											0.28	170	20.06		33.73		8.19		94.9		7.06				7.3					
0.22	198	20.28	20.28	34.20							34.20	8.16	8.16	93.1	93.1	6.88	6.88	6.88	6.88	15.6	15.7	18.1	18.4							
0.26	200	20.28		34.20						8.16		93.0		6.88		15.8														
M	0.29	203	20.28	20.29						34.24	34.24	8.14	8.15	93.3	93.1	6.90	6.88	6.88	6.88	21.0	21.0	28.8	29.3							
	0.25	185	20.29							34.23		8.15		92.8		6.86		21.0												
	0.64	199	19.84	19.84	33.88	33.88	8.16	8.16	94.0	94.0	7.02	7.02	7.02	7.02	11.4	11.2	20.0	20.7												
0.64	199	19.83	33.87		8.16		94.0		7.02		11.0																			
IM14	Cloudy	Moderate	11:24	11.0	S	0.57	209	20.12	20.12	34.15	34.14	8.16	8.16	93.5	93.5	6.93	6.93	6.91	14.9	15.8	17.7	21.7	21.3	27.4						
						0.63	200	20.12		34.13		8.16		93.4		6.93			16.6											
						0.48	207	20.13	20.13	34.18	34.18	8.15	8.15	93.3	93.2	6.92	6.91	6.91	6.91	25.3	26.0	40.5	40.3							
					0.32	201	20.13	34.18		8.15		93.0		6.90		26.7														

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/31

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*		
F4	Fine	Moderate	15:08	13.6	S	0.77	271	20.52	20.52	35.78	35.78	8.48	8.49	97.7	97.8	7.13	7.13	7.11	4.0	4.1	9.5	5.6	5.5	17.6		
						0.27	296	20.52		35.78		8.49		97.8		7.13			4.1			5.3				
						0.24	214	20.51	20.51	35.77	8.46	97.1	7.08	4.9	7.6											
					1.02	119	20.51	35.77		8.46	97.3	7.10	4.3	7.1												
					0.91	278	20.44	35.75		8.44	95.8	7.00	21.5	40.3												
					B	0.51	292	20.45	20.45	35.76	8.45	95.7	95.8	6.99	7.00	7.00	18.2	19.9	39.4	39.9						
IM10	Fine	Moderate	14:34	12.1		S	1.40	264		20.30	20.29	35.76	35.76	8.42	8.42	96.5	96.6	7.07	7.08	7.02	7.0	7.2	14.7	9.6	9.9	21.5
							0.63	214		20.28		35.76		8.42		96.6		7.08			7.3			10.2		
					0.55		228	20.21	20.22	35.75	8.41	94.7	6.95	15.6	23.4											
					0.46	6	20.23	35.75		8.76	94.9	6.96	13.1	23.9												
					0.40	235	20.19	20.19		35.75	8.38	94.8	6.96	22.0	31.1											
					0.63	215	20.19		35.75	8.39	94.5	6.93	22.9	32.0												
IM11A	Fine	Moderate	14:22	4.5	S	1.98	321		20.17	20.17	35.76	35.76	8.37	8.37	95.0	95.0	6.97	6.97	6.97	18.0	18.3	20.7	68.1	69.0	77.6	
						1.98	321	20.16	35.75		8.37		95.0		6.97		18.5			69.9						
					B	0.49	310	20.14	20.15	35.75	8.33	95.3	7.00	25.1	89.8											
						0.87	327	20.15		35.76	8.34	95.0	6.98	21.3	82.6											
IM12	Fine	Moderate	14:12	13.0	S	0.39	257	20.03	20.04	35.47	35.47	8.27	8.28	96.4	96.7	7.11	7.13	7.06	8.8	8.2	15.1	13.0	12.7	22.6		
						0.64	311	20.04		35.46		8.28		96.9		7.14			7.5			12.4				
						0.93	291	19.99	19.99	35.60	8.23	94.9	7.00	15.1	22.4											
					0.93	291	19.98	35.58		8.24	94.9	7.00	14.7	21.6												
					B	0.32	105	20.04		20.05	35.67	8.15	94.2	6.93	23.0	33.2										
						0.32	105	20.05	35.67		8.18	94.3	6.94	21.5	33.2											
IM13	Cloudy	Moderate	14:26	17.3		S	0.34	25	20.25		20.25	33.83	33.84	8.22	8.22	98.9	98.9	7.33	7.33	7.24	6.4	6.5	11.7	8.1	7.9	15.6
					0.27		17	20.25	33.84	8.22		98.9		7.33		6.5		7.6								
					M		0.33	20	20.13	20.14	33.94	8.20	96.4	7.16	12.7	19.5										
						0.18	41	20.15	33.95		8.20	96.3	7.15	13.6	18.1											
						0.23	14	20.16	20.16		33.98	8.20	95.9	7.11	15.5	20.8										
					0.37	2	20.15	33.98		8.20	95.8	7.11	15.2	19.4												
B	0.12	15	19.89	19.89	33.49	8.16	99.4	7.43		7.9	7.6															
	0.12	15	19.89		33.49	8.17	99.6	7.45	7.6	8.1																
	IM14	Cloudy	Moderate		14:13	11.4	S	0.13	25	19.89	19.89	33.49	33.49	8.16	8.17	99.4	99.5	7.43	7.44	7.31	7.9	7.8	12.5	7.1	7.6	15.4
0.12				15				19.89	33.49	8.17		99.6		7.45		7.6		8.1								
M				0.18				14	19.97	19.98	33.85	8.15	96.4	7.18	12.8	16.9										
				0.22			58	19.99	33.84		8.15	96.6	7.19	13.0	16.8											
				0.29			41	20.06	20.06		33.91	8.14	96.4	7.17	16.6	21.5										
0.27				27			20.05	33.91		8.14	96.1	7.15	17.1	22.0												

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Water Quality Monitoring Data Log Sheet

Date: 2021/12/31

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	08:56	6.8	S	0.42	349	19.44	19.44	33.13	33.13	7.99	7.99	88.7	88.8	6.70	6.71	6.71	9.7	9.6	10.4	9.6	9.2	10.8		
						0.43	342	19.44		33.13		7.99		88.8		6.71			8.8							
						0.52	336	19.45	19.45	33.13	33.13	7.96	7.96	88.8	88.8	6.71	6.71	10.8								
					M	0.45	350	19.45	19.45	33.13	33.12	7.96	7.96	88.7	90.0	6.84	6.80	10.4	10.6	6.80	10.4	10.6	10.4	12.5	12.4	10.8
						0.47	351	19.45		33.12		7.96		90.6		6.84		10.4								
						0.39	322	19.45		33.12		7.96		89.3		6.75		10.8								
IM15	Cloudy	Moderate	10:10	9.1	S	0.08	335	19.04	19.04	33.68	33.68	8.09	8.09	91.5	91.6	6.94	6.95	6.94	15.3	15.3	16.4	14.1	14.6	17.8		
						0.06	30	19.04		33.68		8.09		91.6		6.95			15.3							
						0.09	270	19.04	19.04	33.71	33.71	8.08	8.08	91.4	91.4	6.93	6.93	16.6	17.0	6.94	16.6	17.0				
					M	0.19	32	19.03	19.03	33.71	33.71	8.07	8.07	91.4	92.1	6.93	6.99	17.3	17.1	6.99	17.1	17.1	16.4	17.8	17.6	21.2
						0.18	15	19.03		33.71		8.07		92.5		7.02		17.1								
						0.18	15	19.03		33.71		8.07		91.7		6.96		17.0								
IM16A	Cloudy	Moderate	09:42	8.0	S	0.20	53	18.98	18.98	33.48	33.49	8.07	8.07	92.7	92.7	7.05	7.05	7.03	11.6	11.8	12.8	11.2	10.7	12.0		
						0.20	53	18.98		33.49		8.07		92.6		7.04			11.9							
						0.20	54	18.99	18.99	33.54	33.54	8.05	8.05	92.2	92.2	7.01	7.01	13.3	13.3	7.03	13.3	13.3				
					M	0.24	78	18.98	18.98	33.53	33.56	8.05	8.05	92.2	92.9	7.01	7.06	13.2	13.5	7.06	13.2	13.5	12.8	12.4	13.1	12.3
						0.16	59	18.98		33.56		8.05		93.1		7.08		13.3								
						0.18	34	18.98		33.55		8.05		92.6		7.04		13.6								
IM17	Cloudy	Moderate	09:23	5.4	S	0.34	28	19.12	19.12	33.24	33.24	8.04	8.04	90.9	90.9	6.90	6.90	6.90	16.7	17.0	16.4	14.4	13.8	15.7		
						0.34	28	19.12		33.24		8.03		90.8		6.90			17.3							
						0.21	24	19.14	19.14	33.26	33.26	8.02	8.02	92.4	91.9	7.02	6.98	15.4	15.8	6.98	15.4	15.8	16.4	18.1	17.7	13.8
					0.22	31	19.14	33.26		8.01		91.4		6.94		16.2										

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: 2021/12/31

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)							
						Value	Direction	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*					
F5	Cloudy	Moderate	15:03	5.7	S	0.31	39	19.70	19.71	33.65	33.65	8.18	8.18	98.1	99.0	7.35	7.42	7.42	8.6	8.1	8.4	6.3	6.9	8.5					
						0.19	24	19.71		33.65		8.18		99.9		7.49		7.6											
						0.21	28	19.51		33.72		8.16		98.8		7.43		8.6											
					IM15	Cloudy	Moderate	15:26	8.2	S	0.51	11	19.27	19.27	33.62	33.63	8.13	8.13	94.4	94.4	7.13	7.13	7.12	16.4	16.3	20.3	16.6	17.2	22.8
											0.47	2	19.27		33.63		8.13		94.4		7.13		16.2						
											0.36	2	19.26		33.65		8.11		94.0		7.10		21.3						
IM16A	Cloudy	Moderate	15:46	8.4						M	0.36	2	19.26	19.26	33.65	33.65	8.12	8.12	94.2	94.1	7.12	7.11	7.12	20.2	20.8	20.3	23.6	23.3	22.8
											0.29	360	19.26		33.67		8.11		94.3		7.13		27.1						
											0.39	14	19.25		33.67		8.11		94.0		7.10		28.5						
					IM17	Cloudy	Moderate	16:07	5.8	S	0.07	124	19.24	19.23	33.42	33.43	8.12	8.12	95.4	95.4	7.22	7.23	7.21	11.5	12.1	12.6	7.5	7.4	11.5
											0.12	8	19.21		33.44		8.12		95.4		7.23		12.6						
											0.17	353	19.18		33.50		8.11		95.0		7.20		13.3						
IM16A	Cloudy	Moderate	15:46	8.4						M	0.17	353	19.19	19.19	33.49	33.50	8.11	8.11	94.9	95.0	7.19	7.20	7.21	13.5	13.4	12.6	13.1	13.5	11.5
											0.13	233	19.18		33.50		8.11		95.5		7.23		13.5						
											0.11	7	19.18		33.50		8.10		95.3		7.22		14.0						
					IM17	Cloudy	Moderate	16:07	5.8	S	0.43	348	19.37	19.41	33.16	33.13	8.11	8.11	95.2	95.4	7.20	7.21	7.21	9.0	8.1	15.1	5.3	5.4	13.6
											0.55	347	19.44		33.10		8.11		95.6		7.22		7.1						
											0.43	347	19.24		33.27		8.10		95.0		7.20		22.0						
IM17	Cloudy	Moderate	16:07	5.8						B	0.51	342	19.25	19.25	33.27	33.27	8.10	8.10	94.5	94.8	7.16	7.18	7.18	21.8	22.1	15.1	21.4	21.7	13.6

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

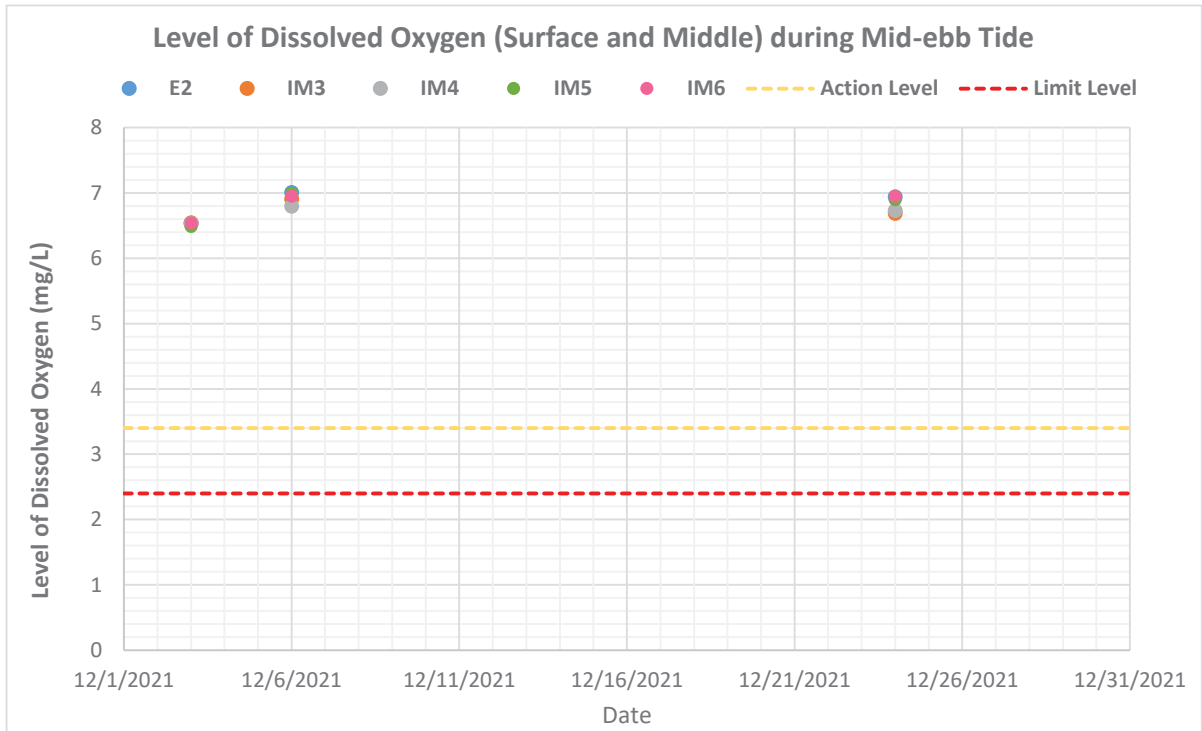


Figure G1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in December 2021.

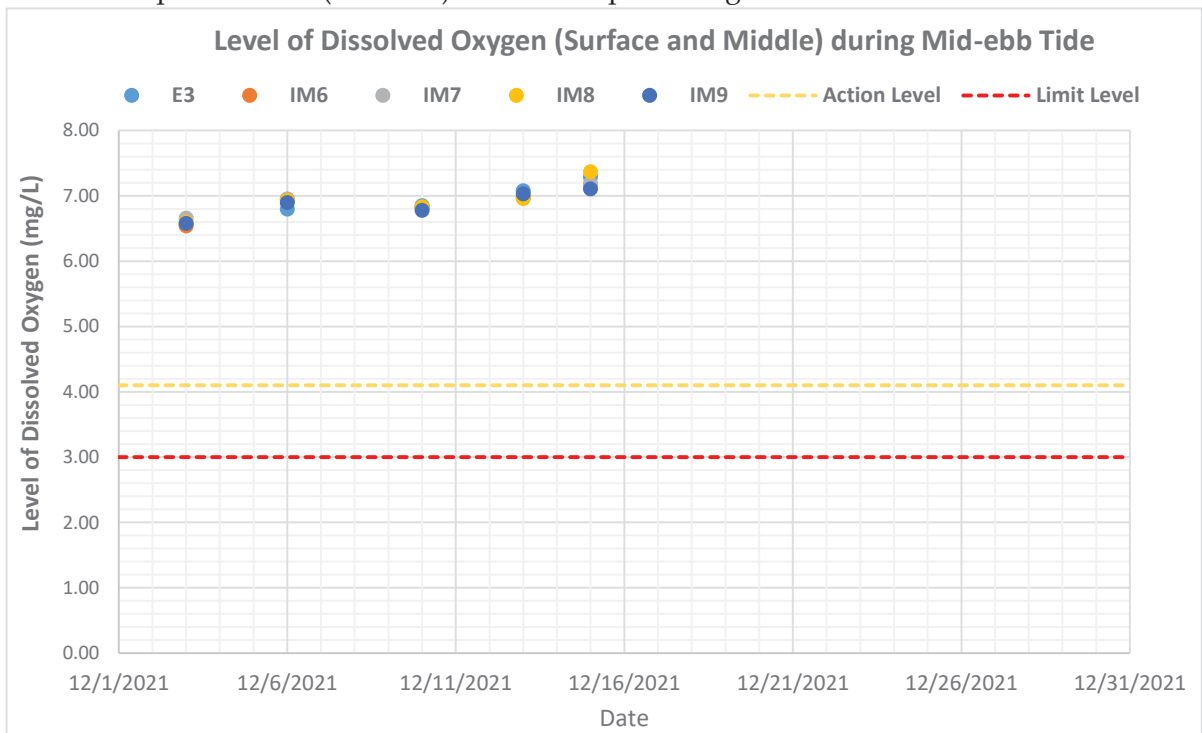


Figure G1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in December 2021.

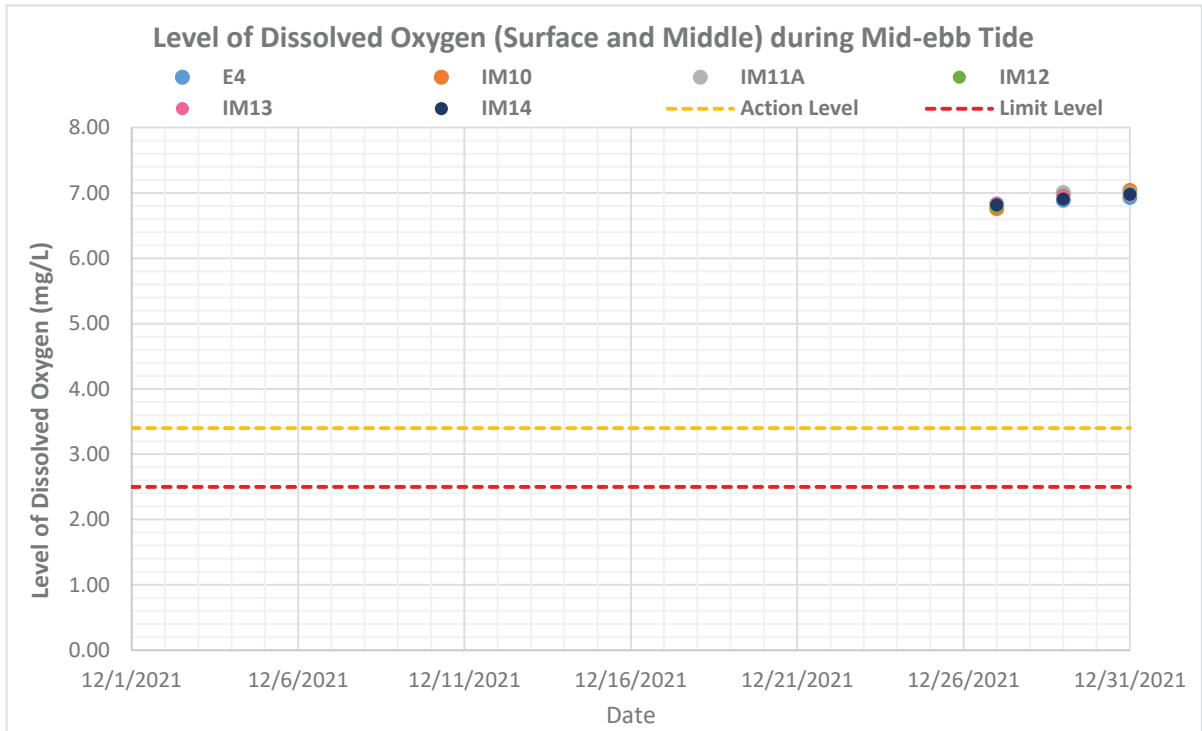


Figure G1c: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides in December 2021.

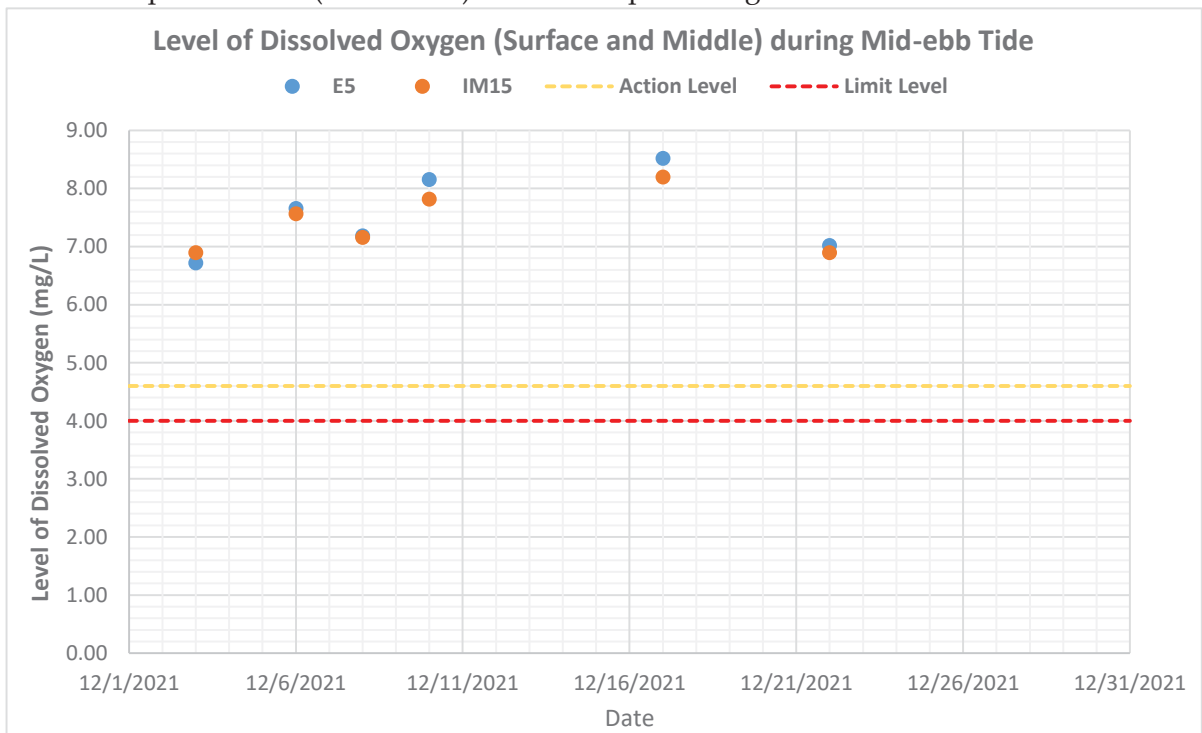


Figure G1d: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides in December 2021.

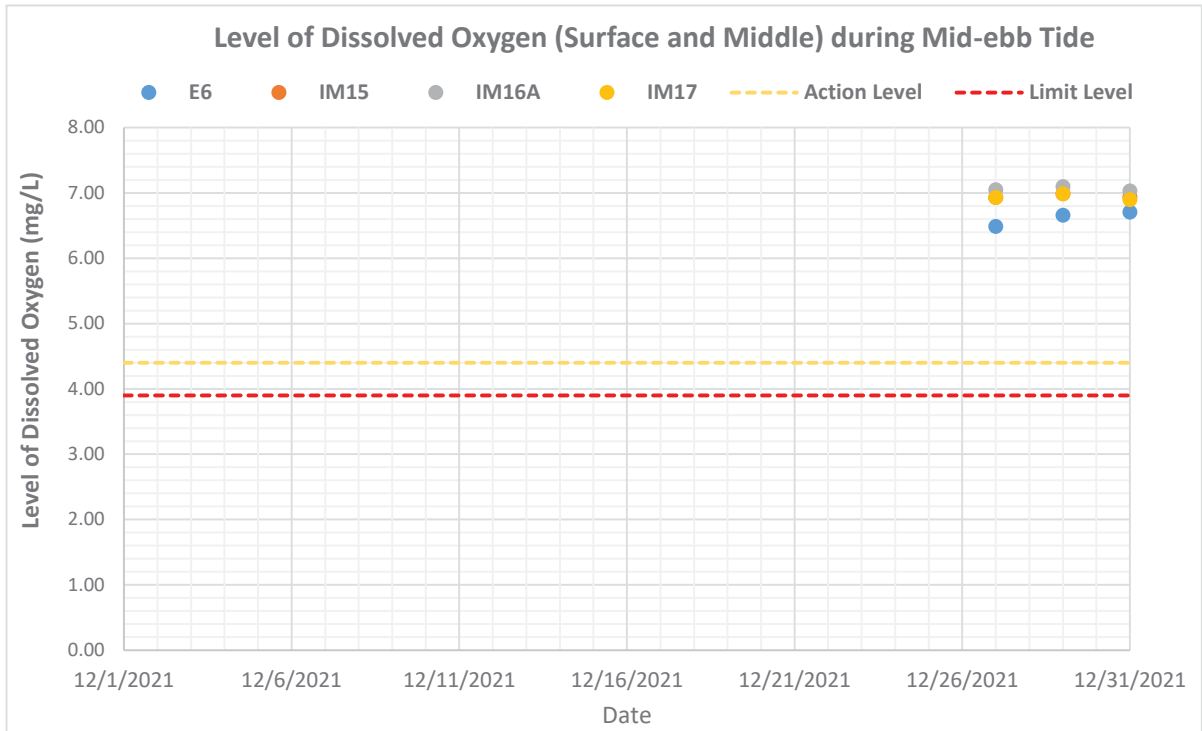


Figure G1e: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in December 2021.

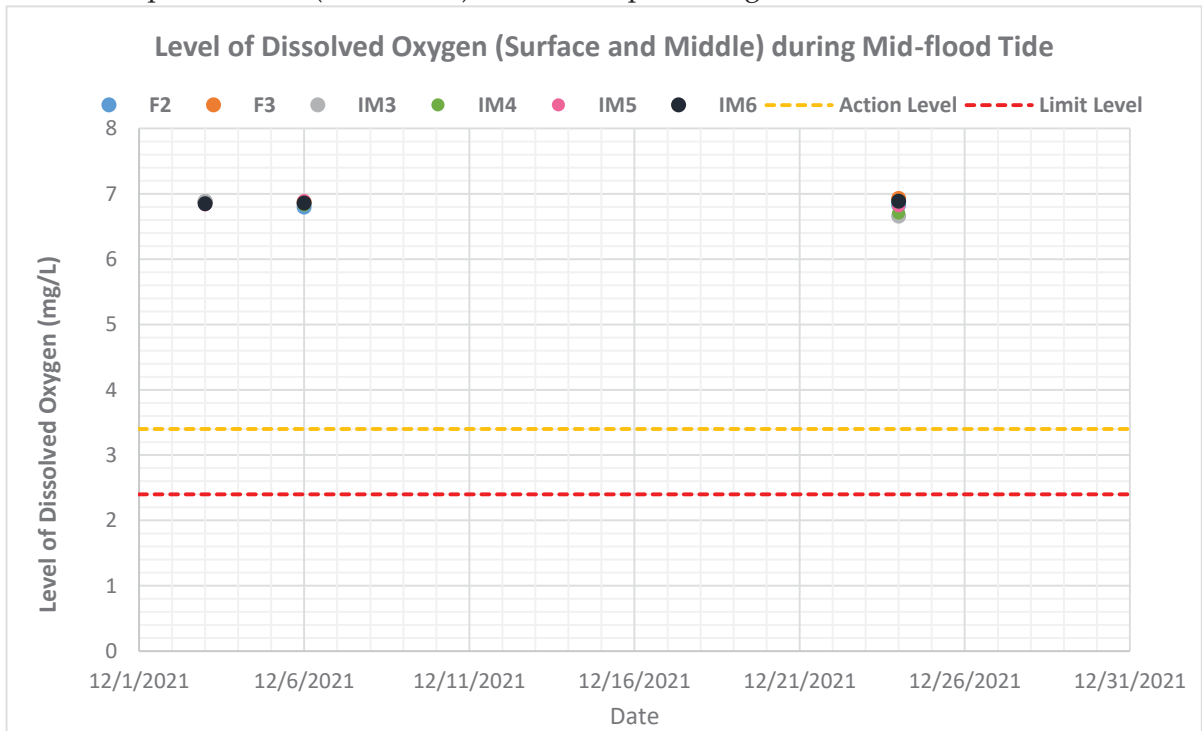


Figure G1f: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in December 2021.

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

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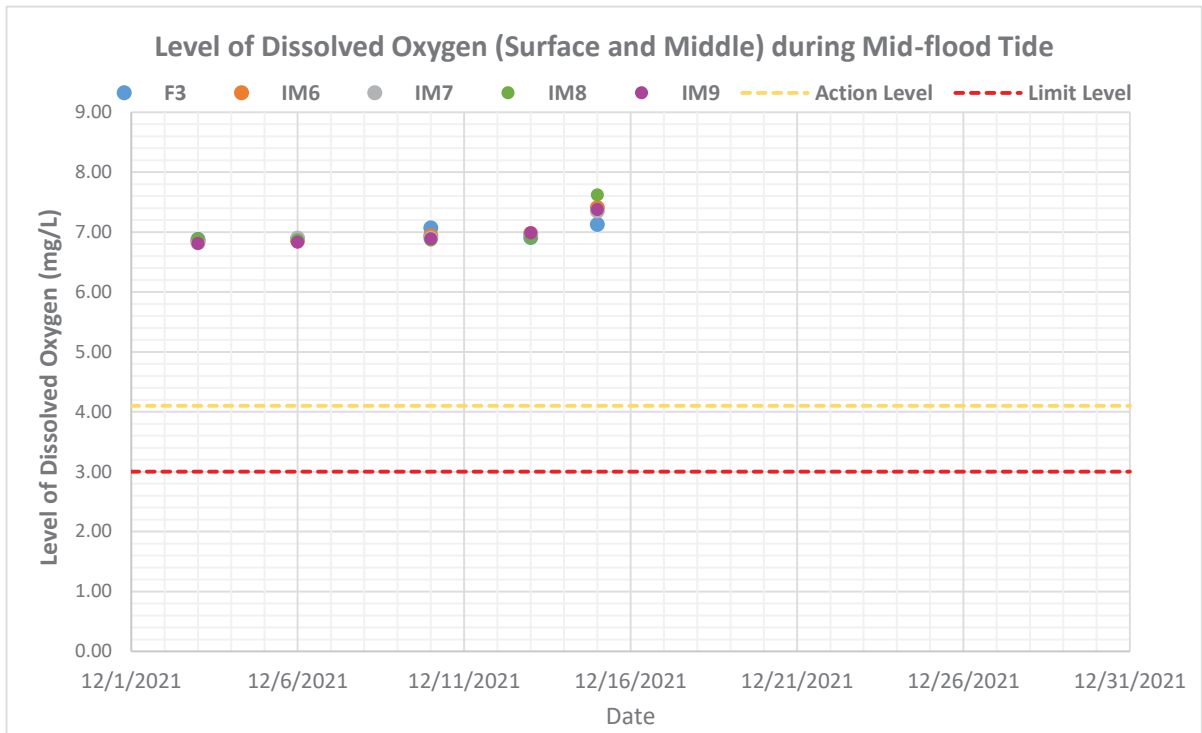


Figure G1g: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in December 2021.

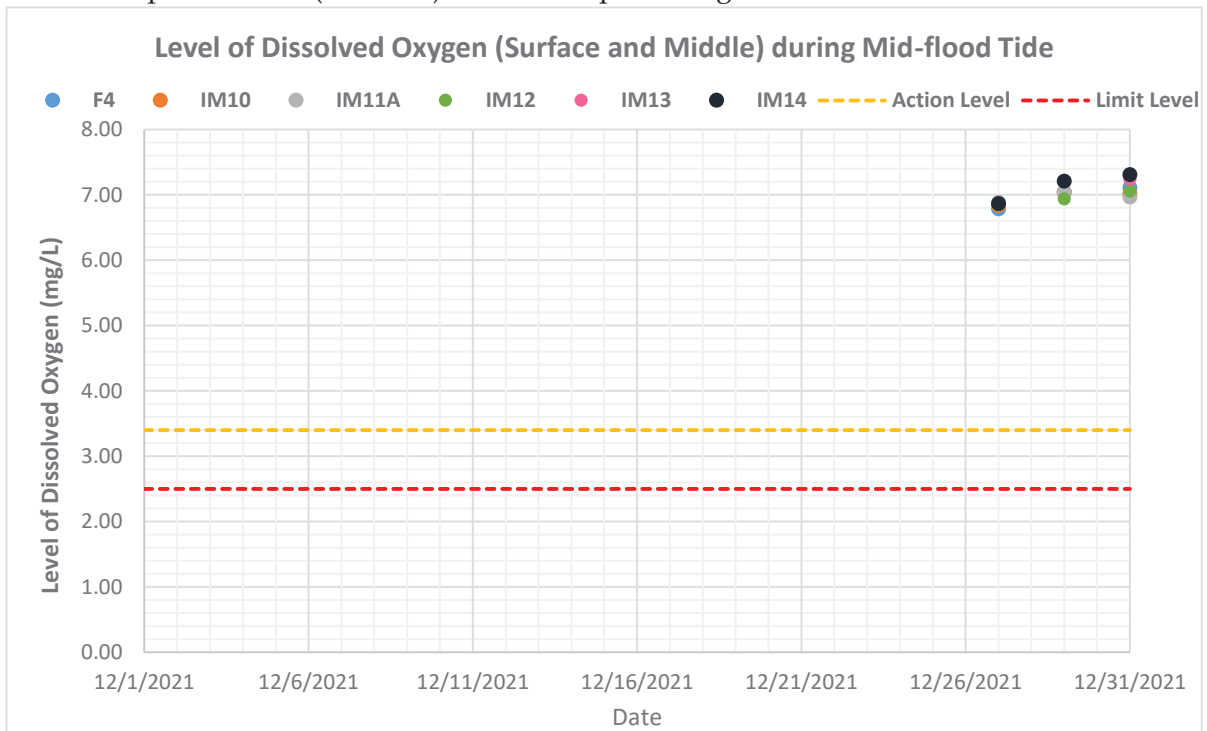


Figure G1h: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides in December 2021.

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

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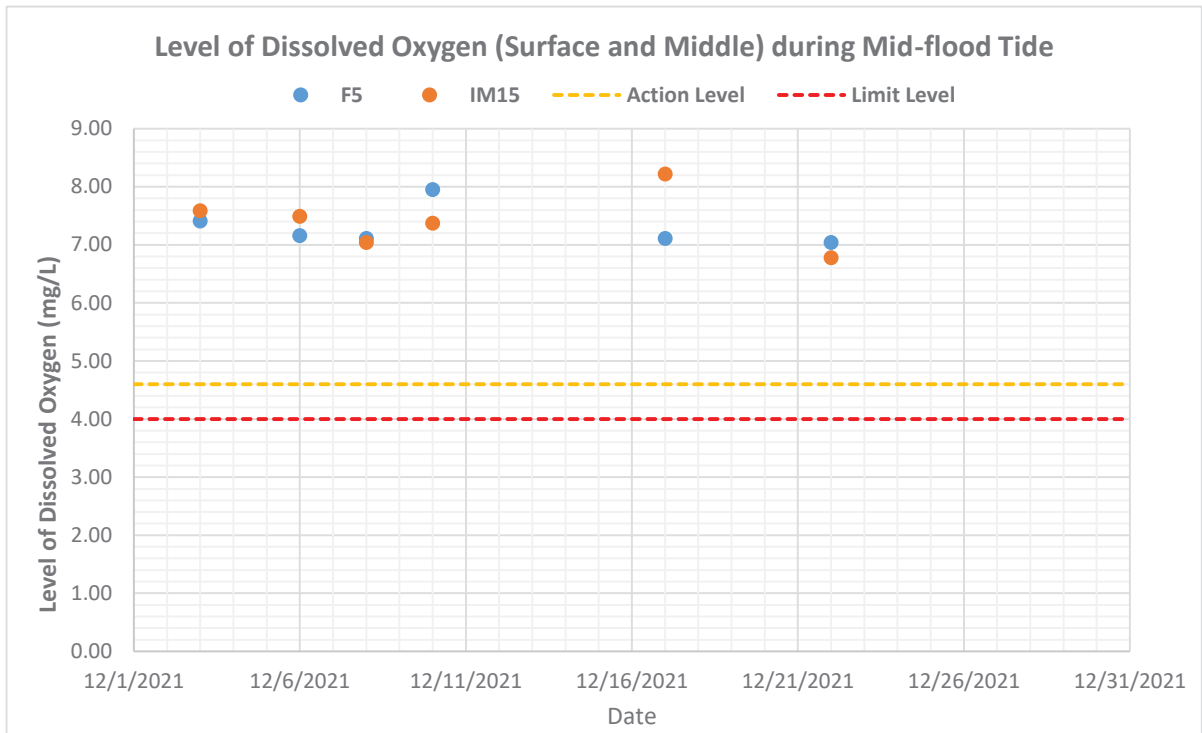


Figure G1i: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides in December 2021.

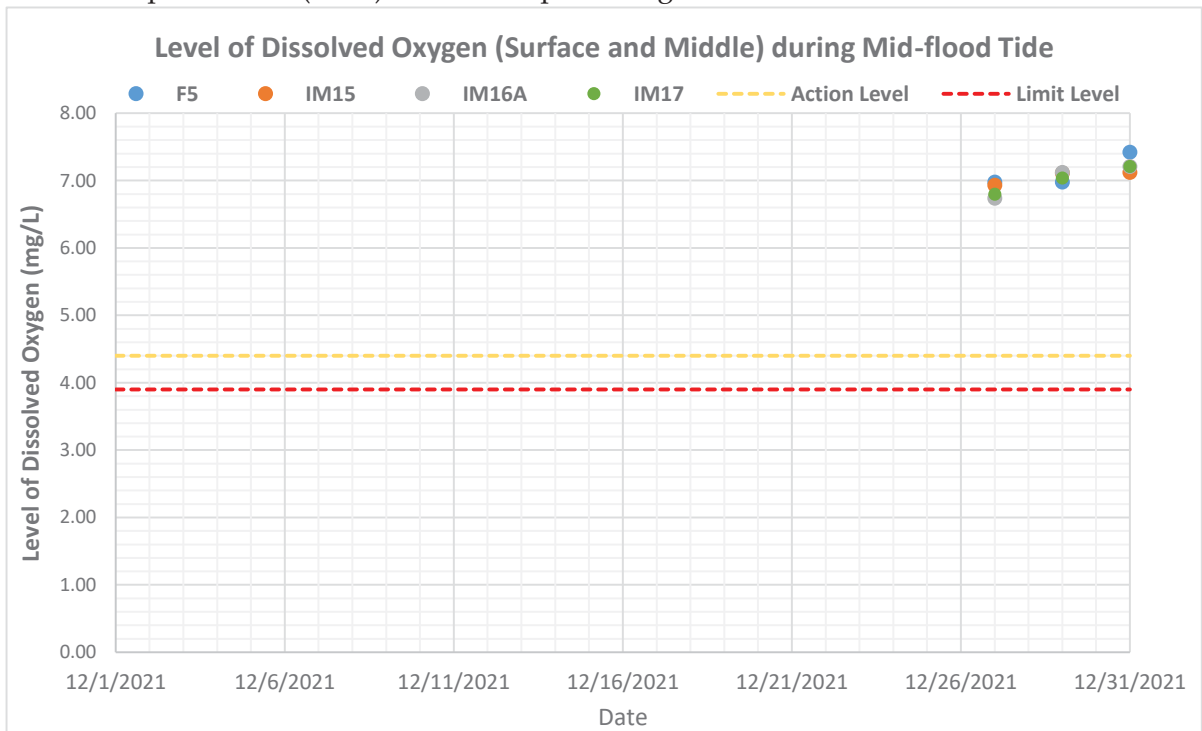


Figure G1j: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in December 2021.

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

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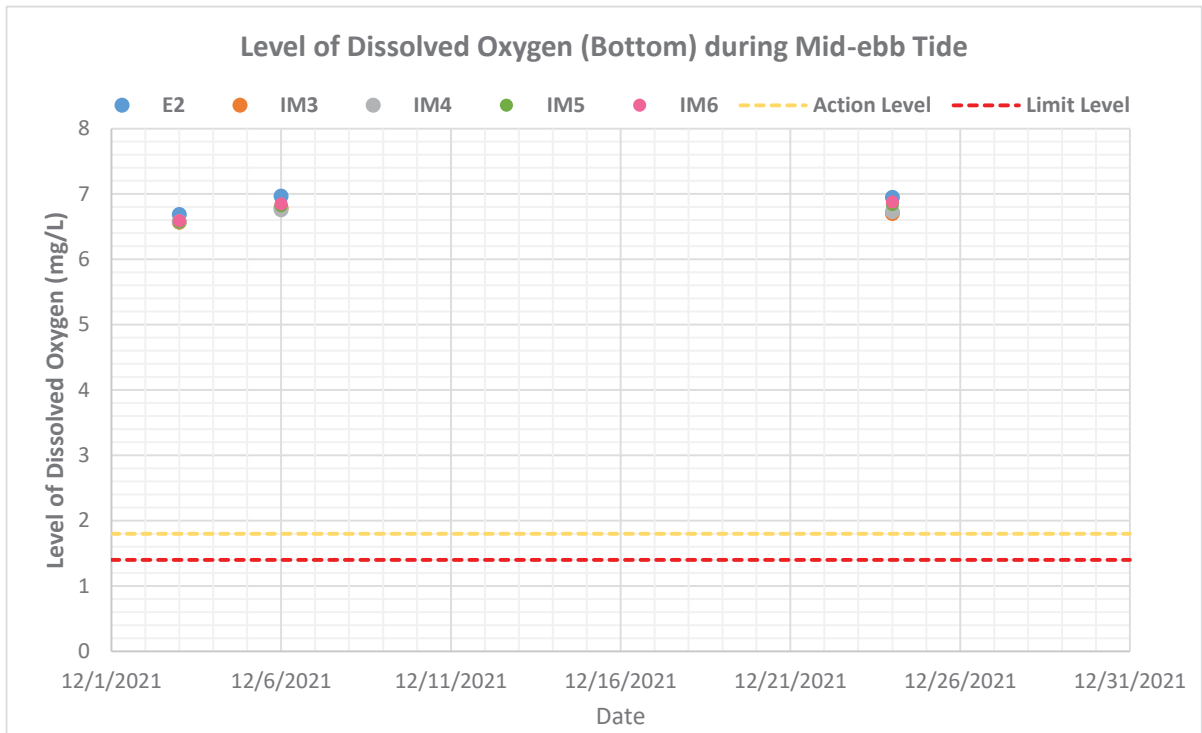


Figure G2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in December 2021.

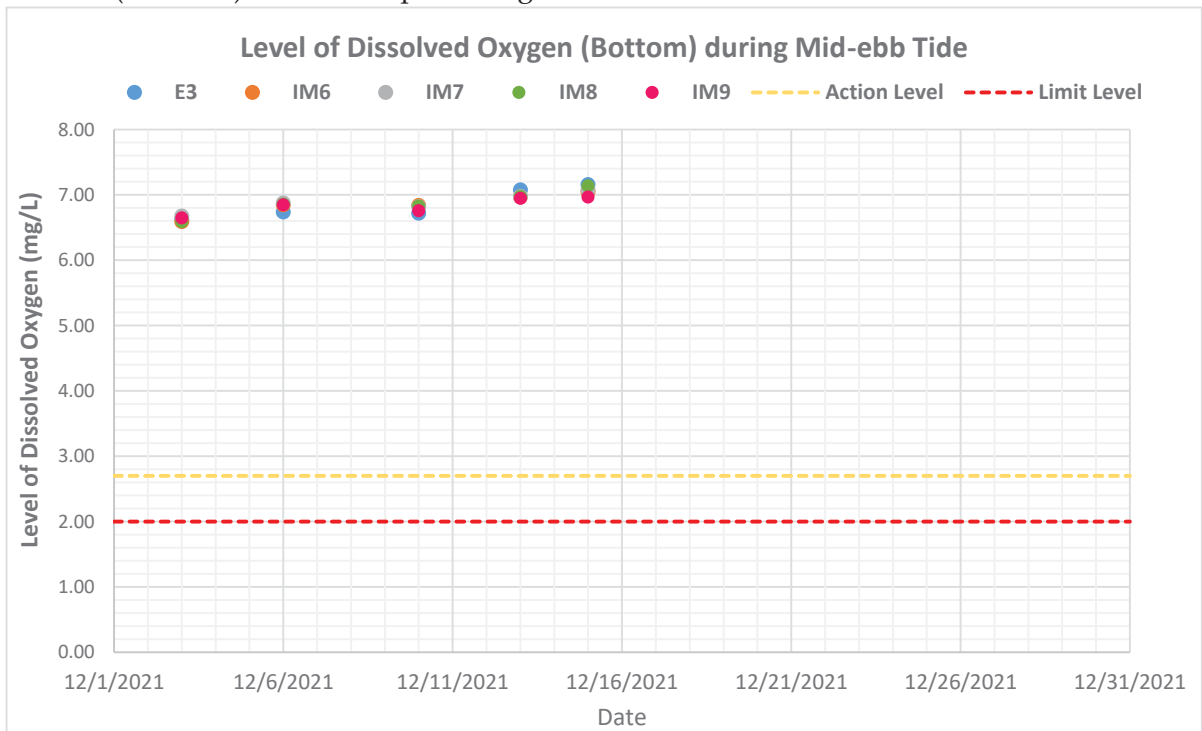


Figure G2b: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in December 2021.

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

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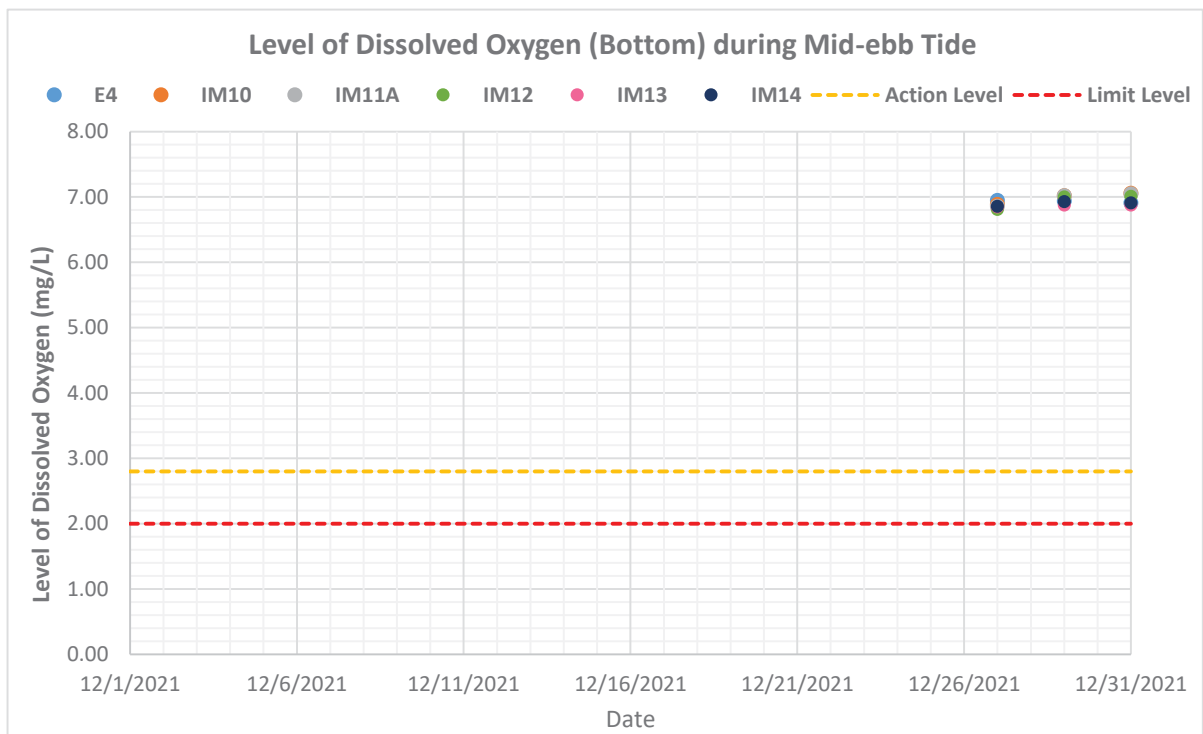


Figure G2c: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides in December 2021.

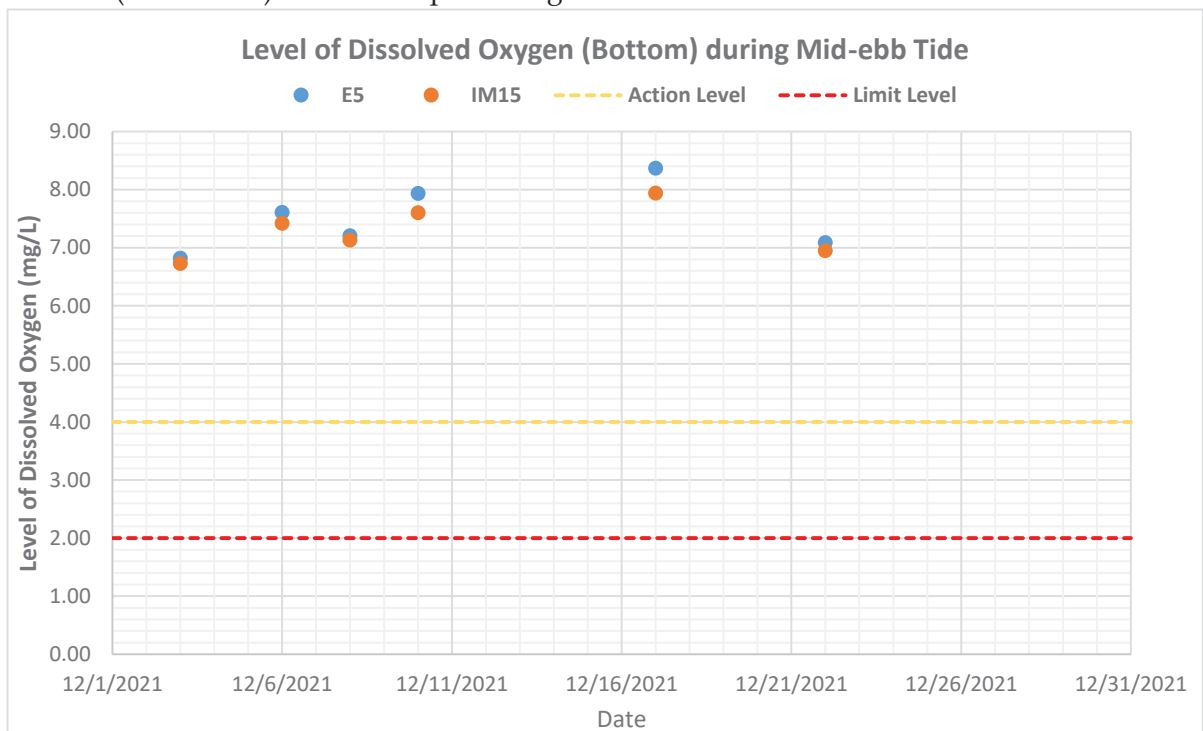


Figure G2d: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides in December 2021.

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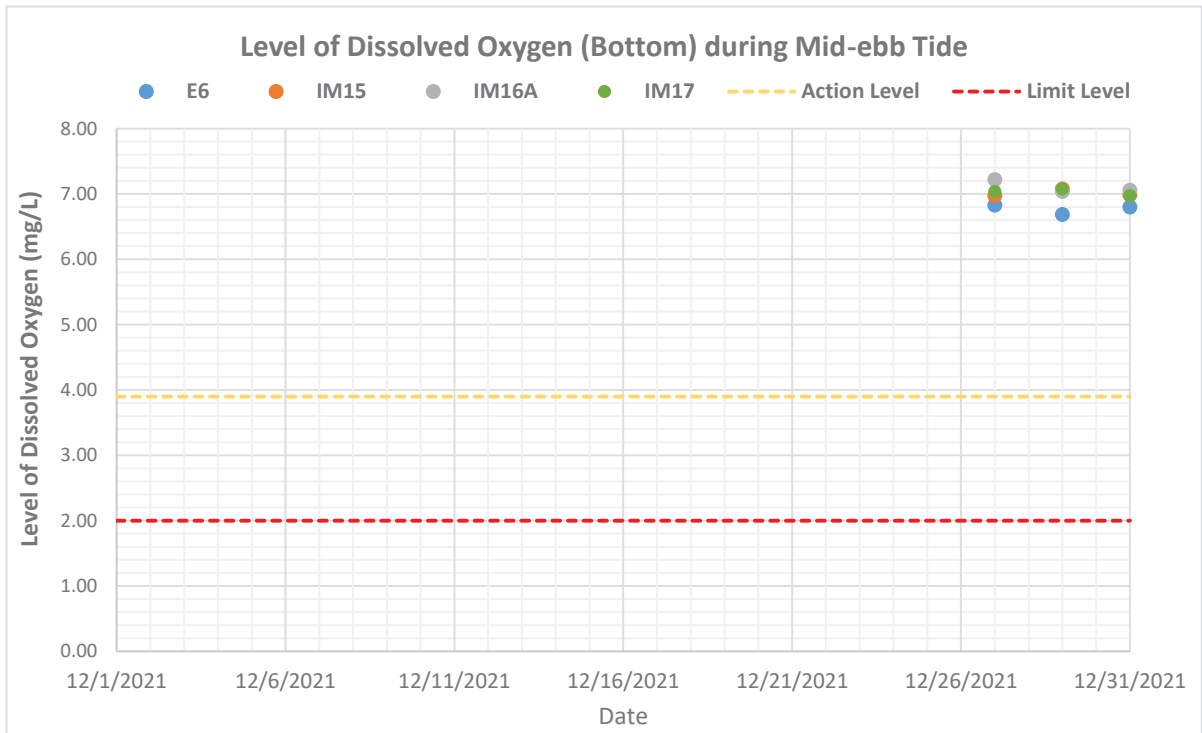


Figure G2e: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in December 2021.

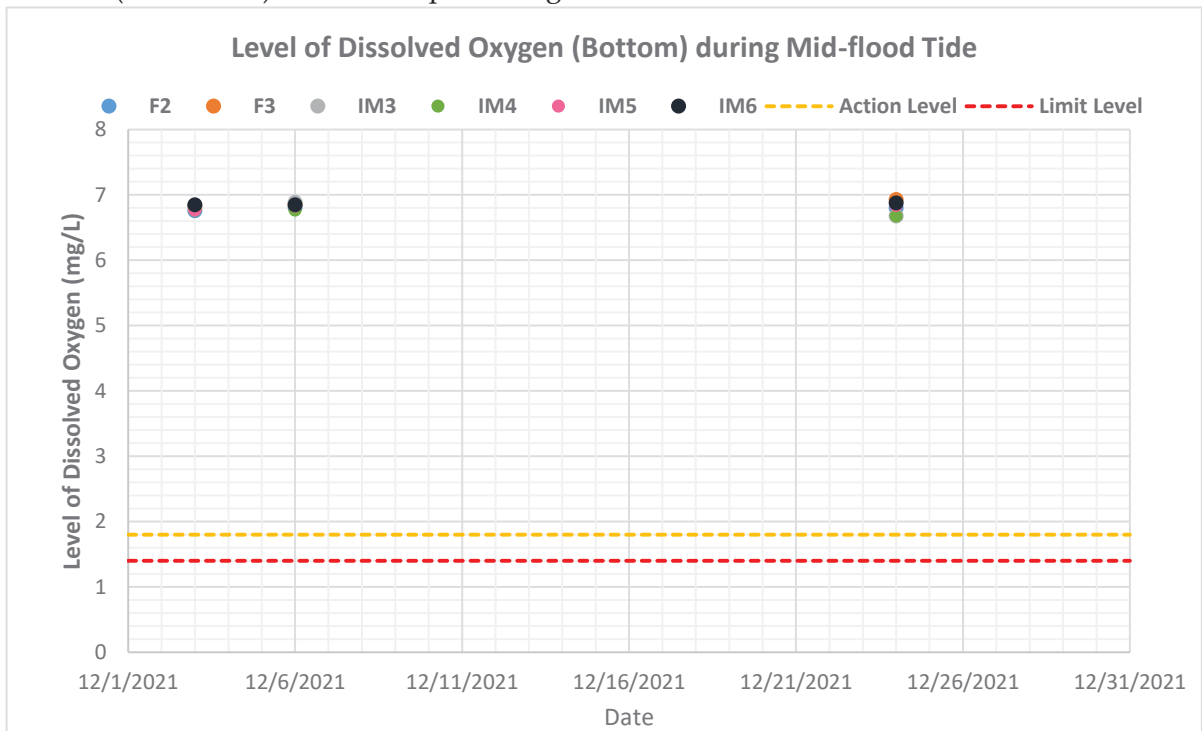


Figure G2f: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in December 2021.

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

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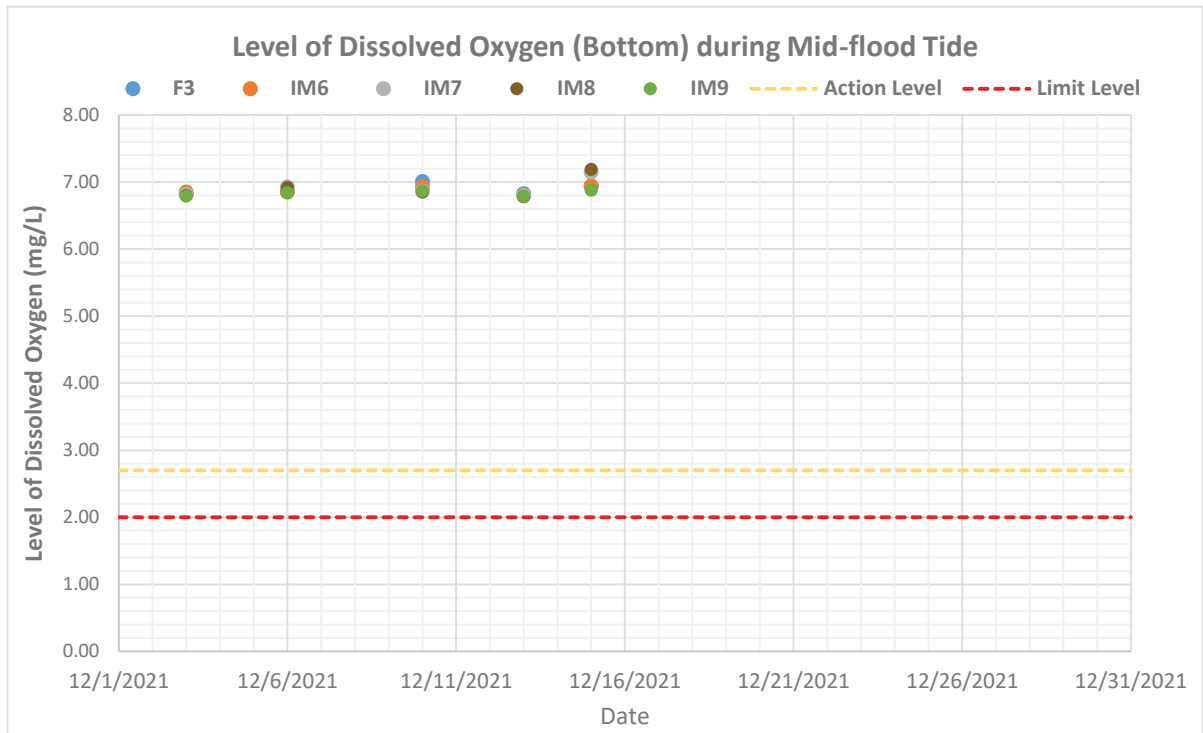


Figure G2g: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in December 2021.

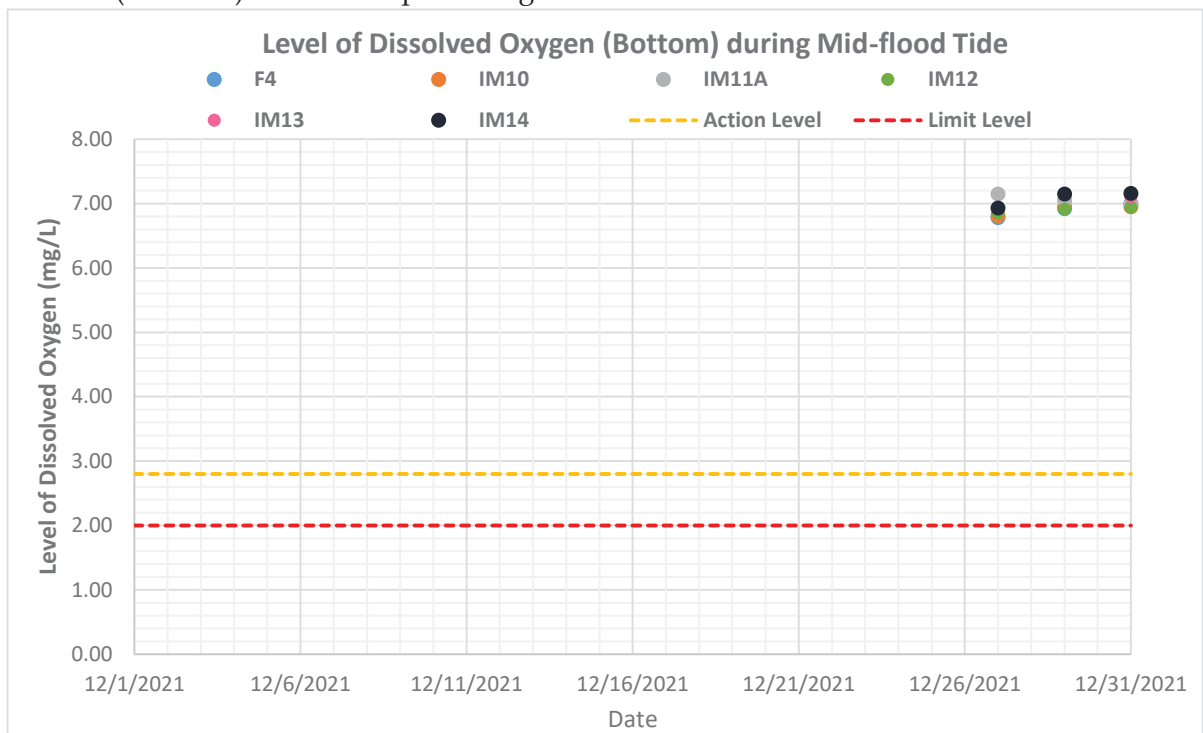


Figure G2h: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides in December 2021.

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

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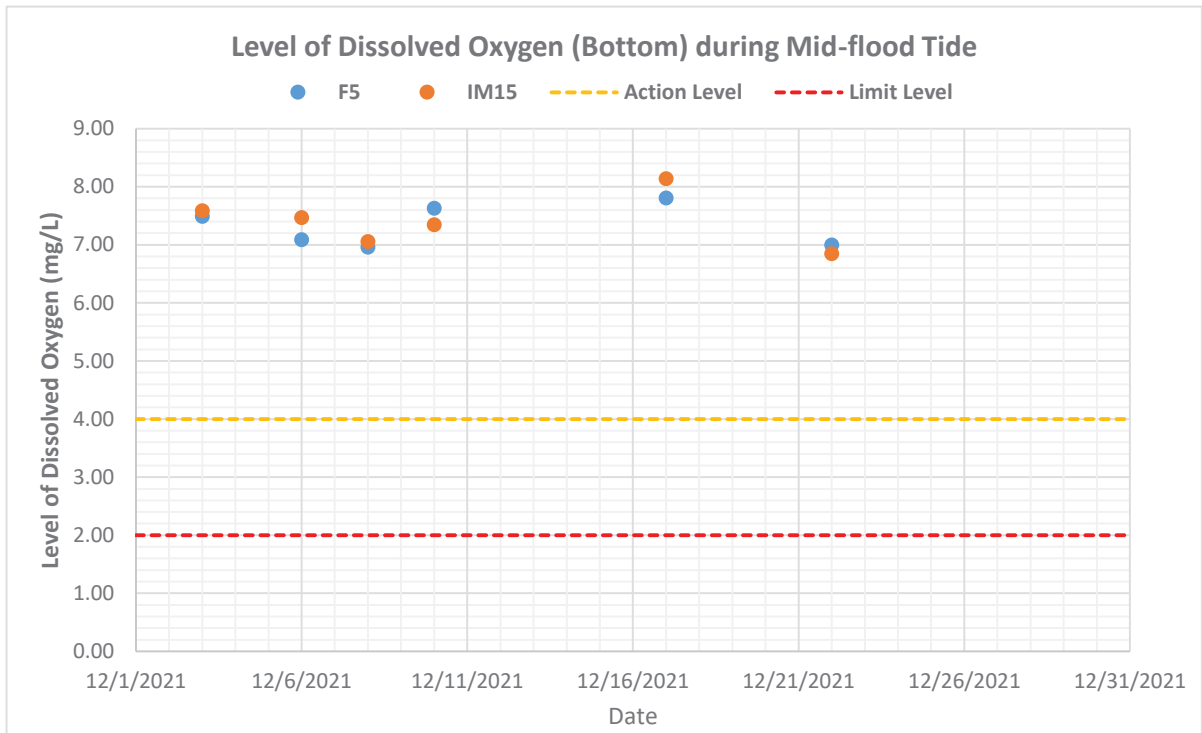


Figure G2i: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides in December 2021.

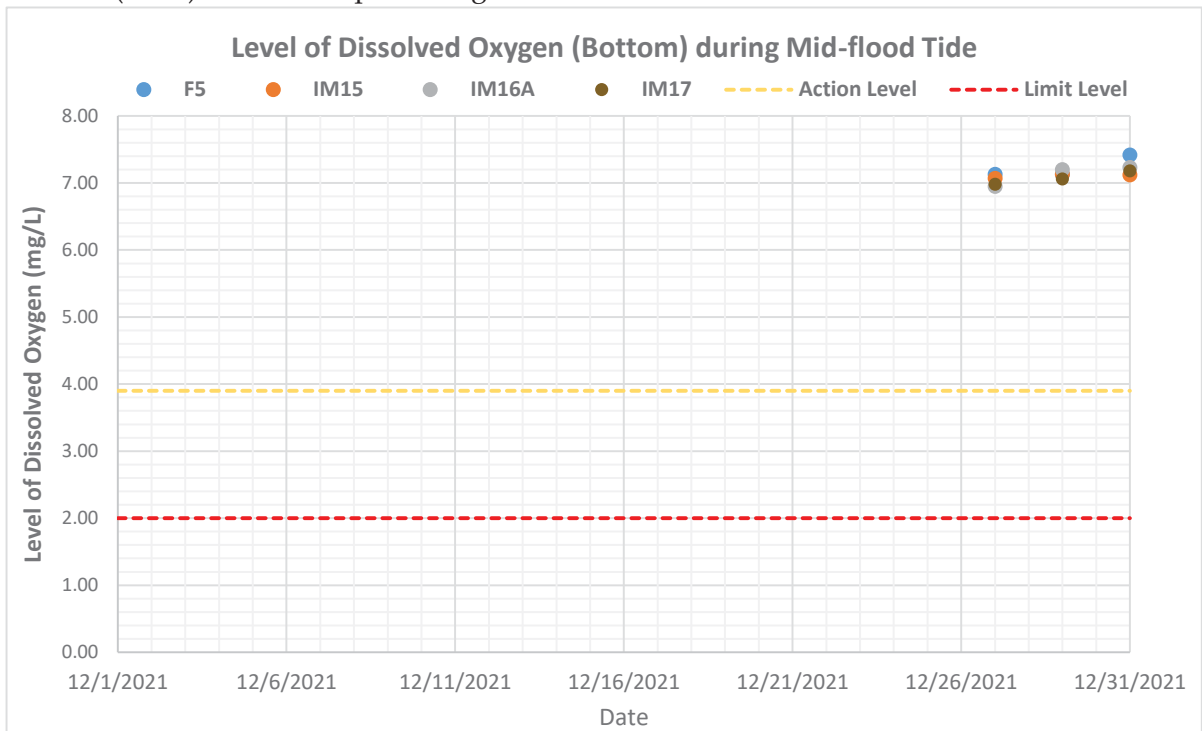


Figure G2j: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in December 2021.

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

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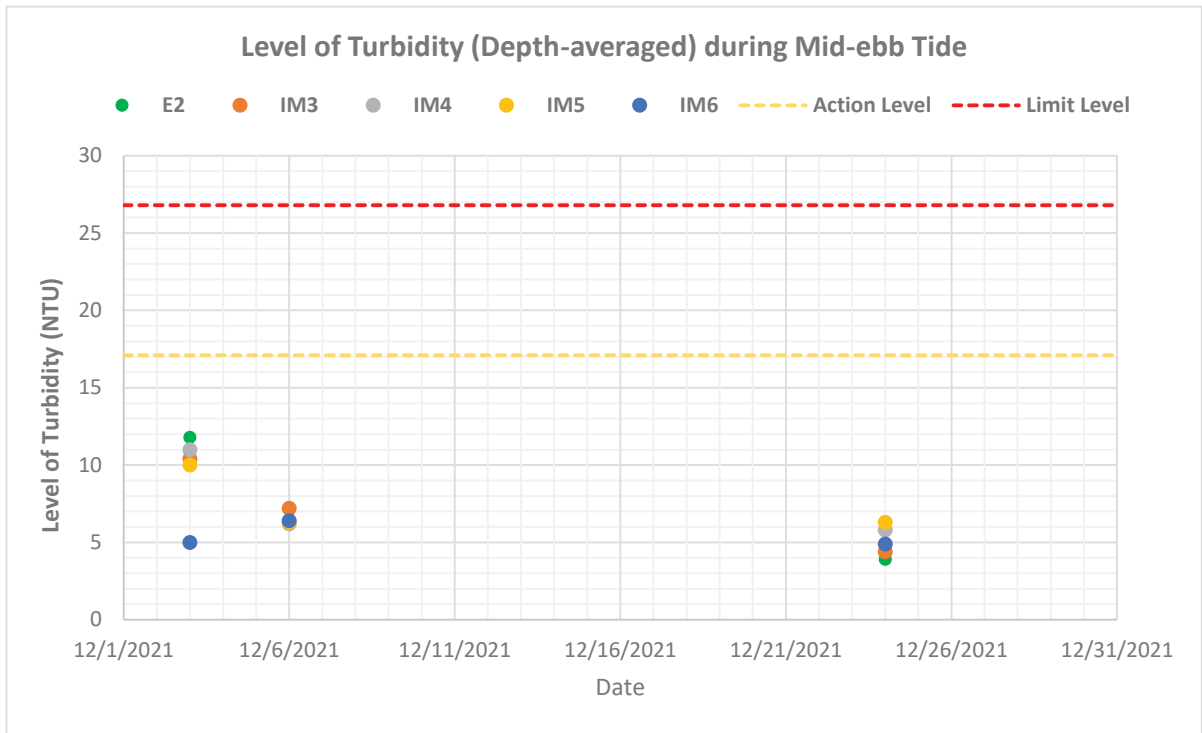


Figure G3a: Levels of Depth-averaged Turbidity (NTU) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in December 2021.

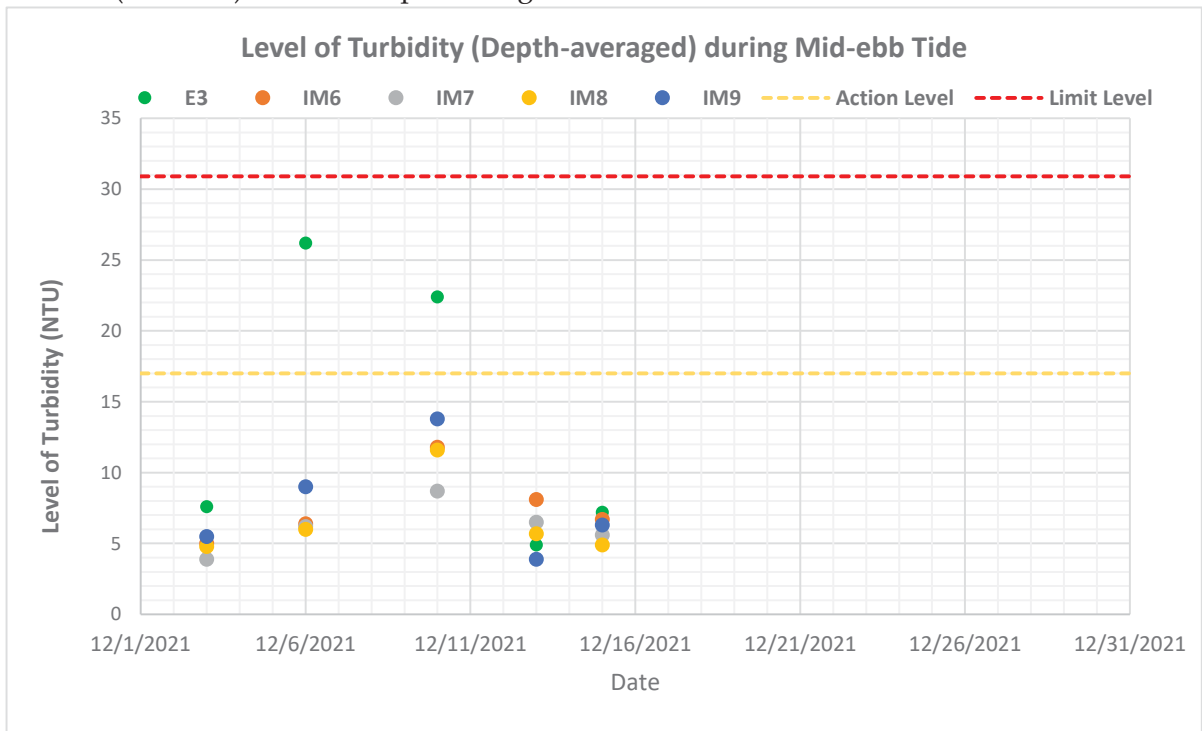


Figure G3b: Levels of Depth-averaged Turbidity (NTU) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in December 2021.

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

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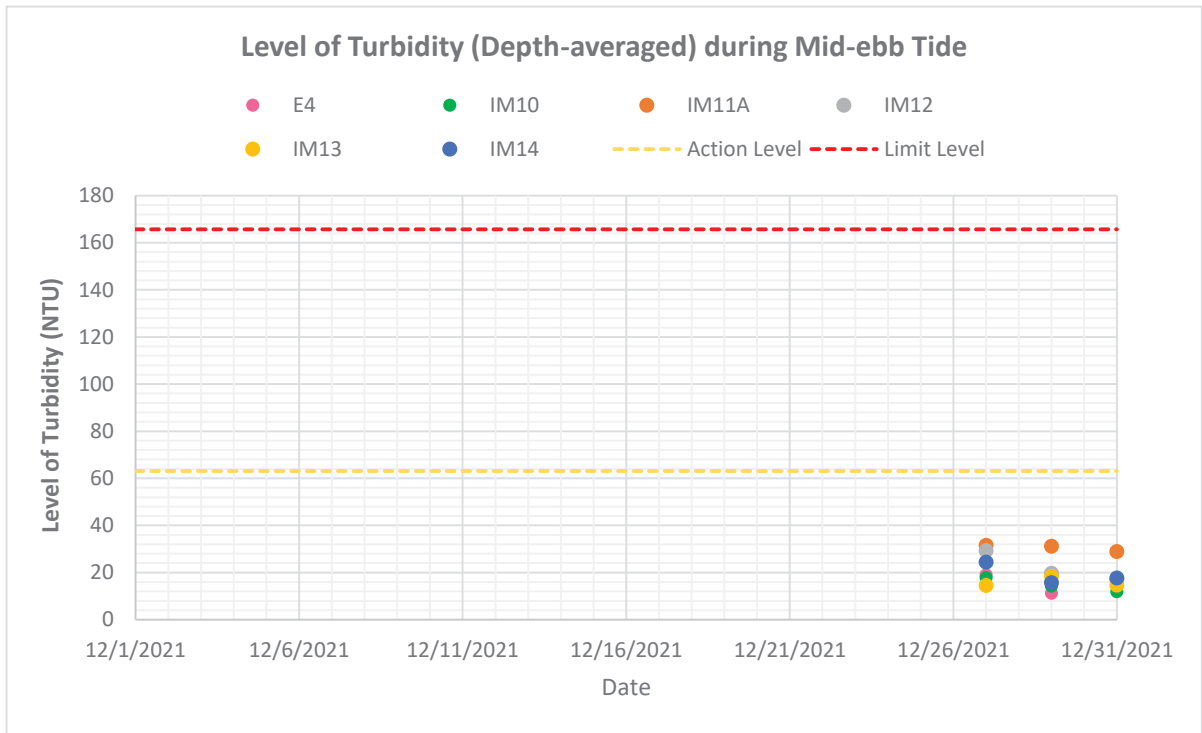


Figure G3c: Levels of Depth-averaged Turbidity (NTU) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides in December 2021.

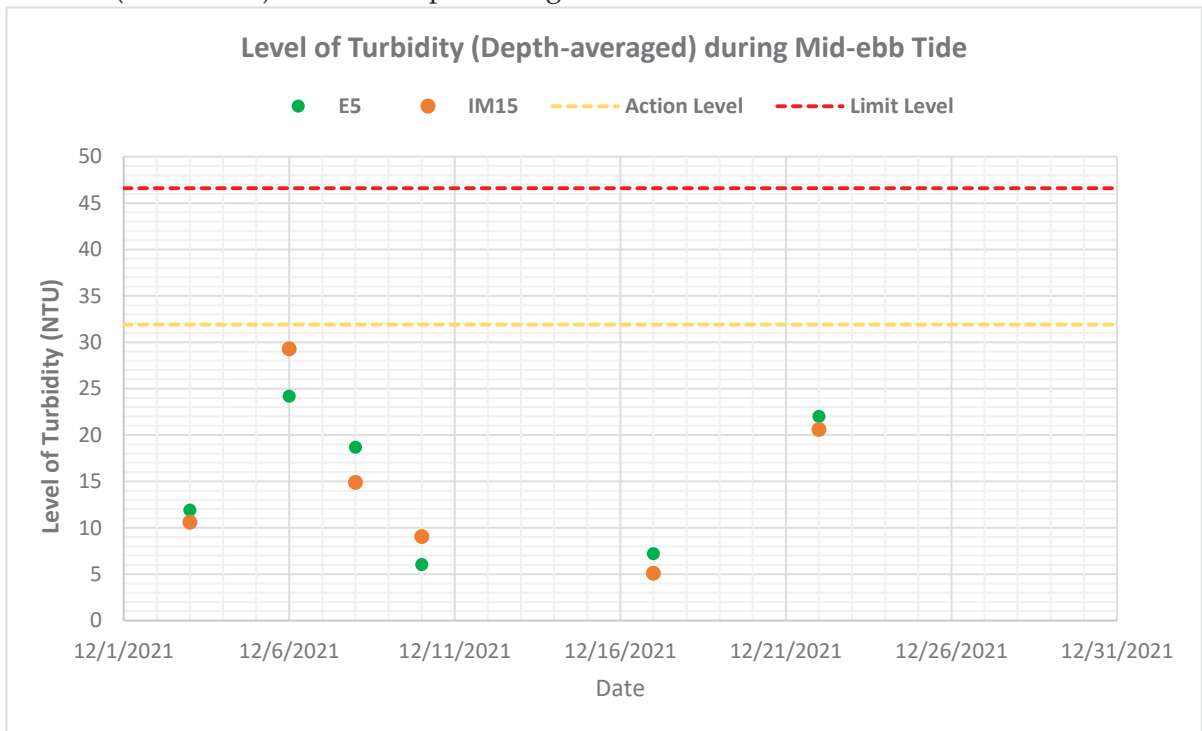


Figure G3d: Levels of Depth-averaged Turbidity (NTU) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides in December 2021.

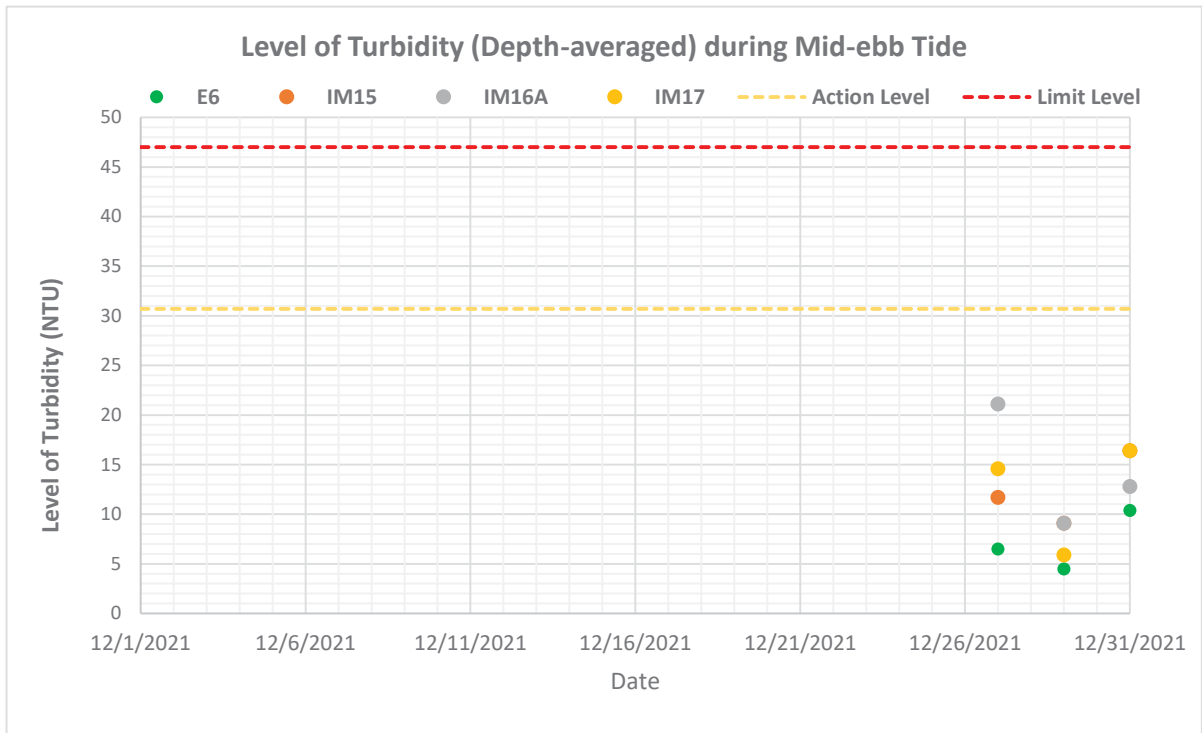


Figure G3e: Levels of Depth-averaged Turbidity (NTU) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in December 2021.

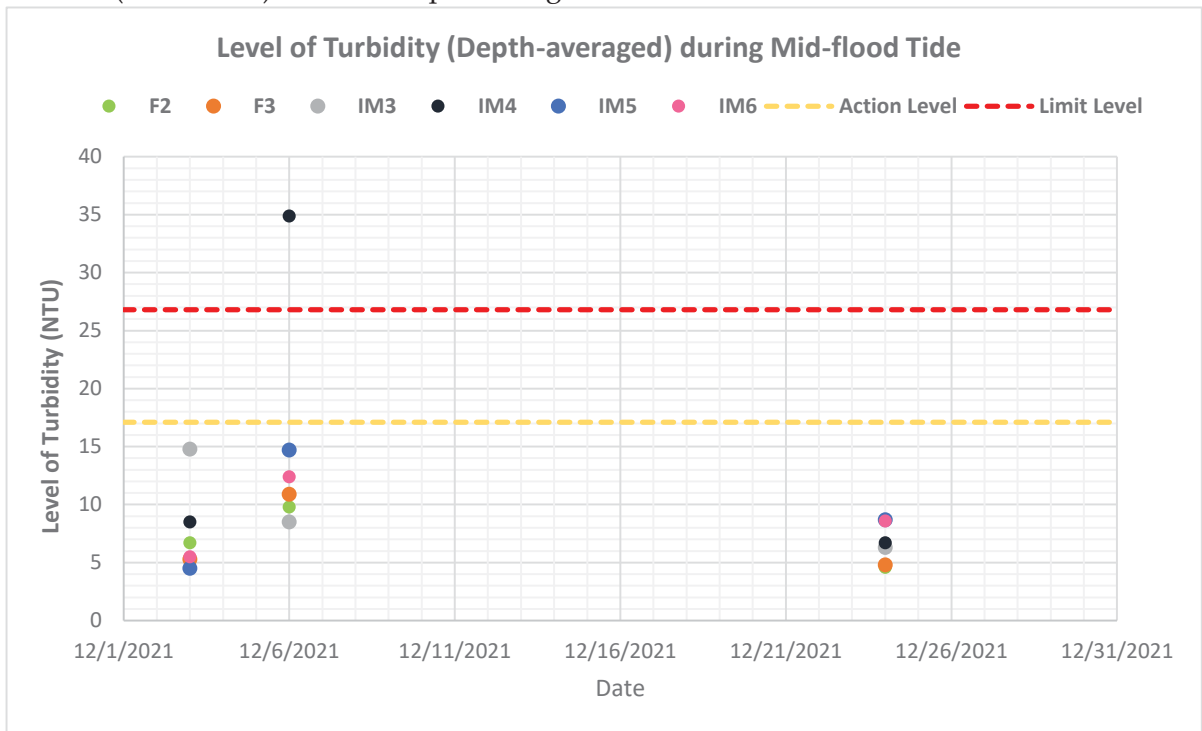


Figure G3f: Levels of Depth-averaged Turbidity (NTU) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in December 2021.

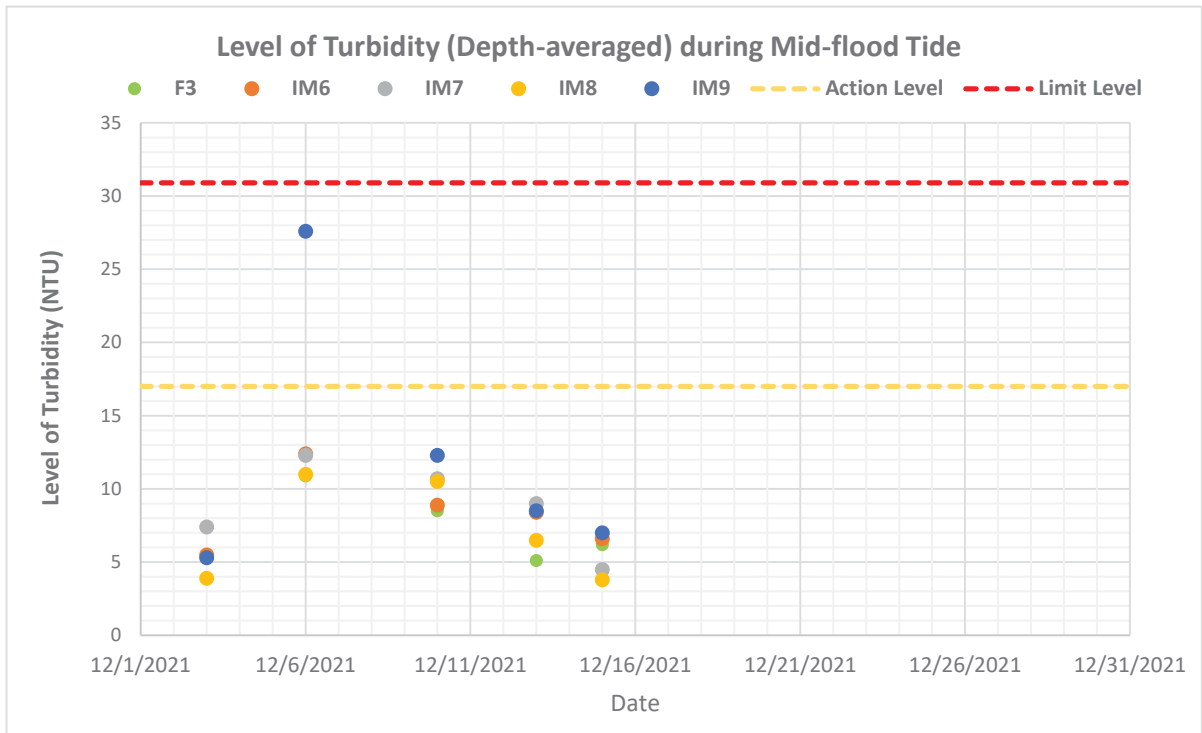


Figure G3g: Levels of Depth-averaged Turbidity (NTU) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in December 2021.

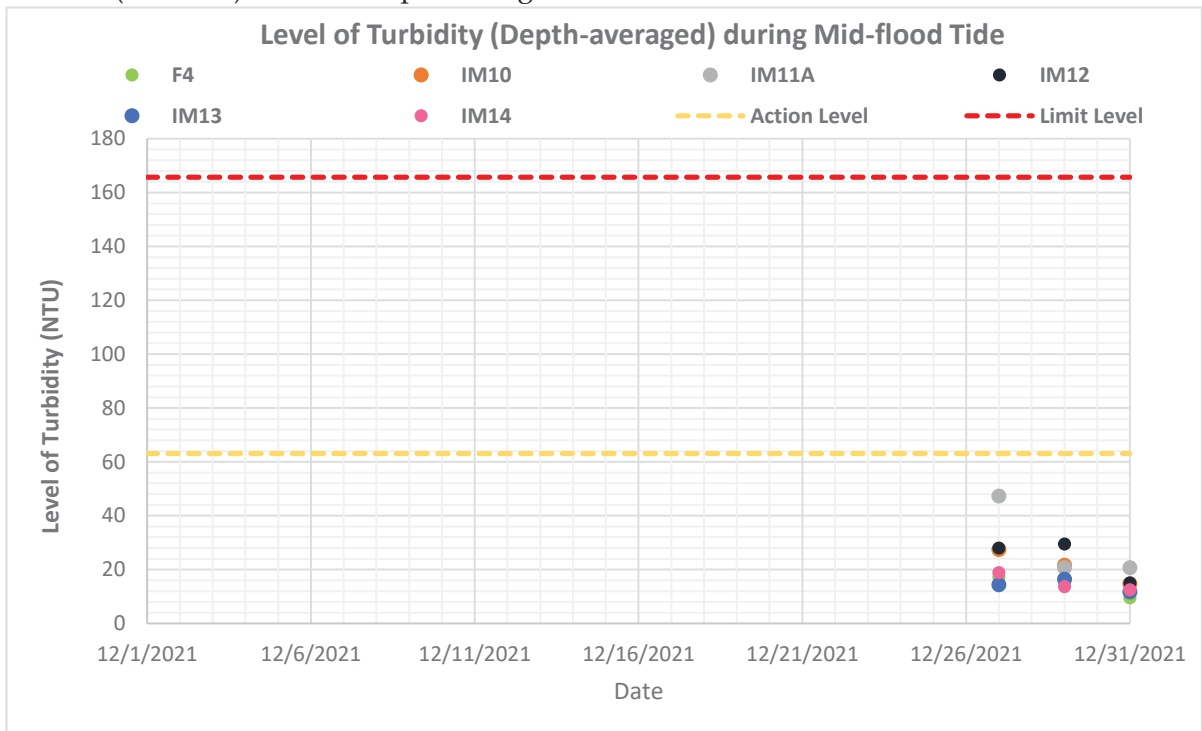


Figure G3h: Levels of Depth-averaged Turbidity (NTU) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides in December 2021.

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

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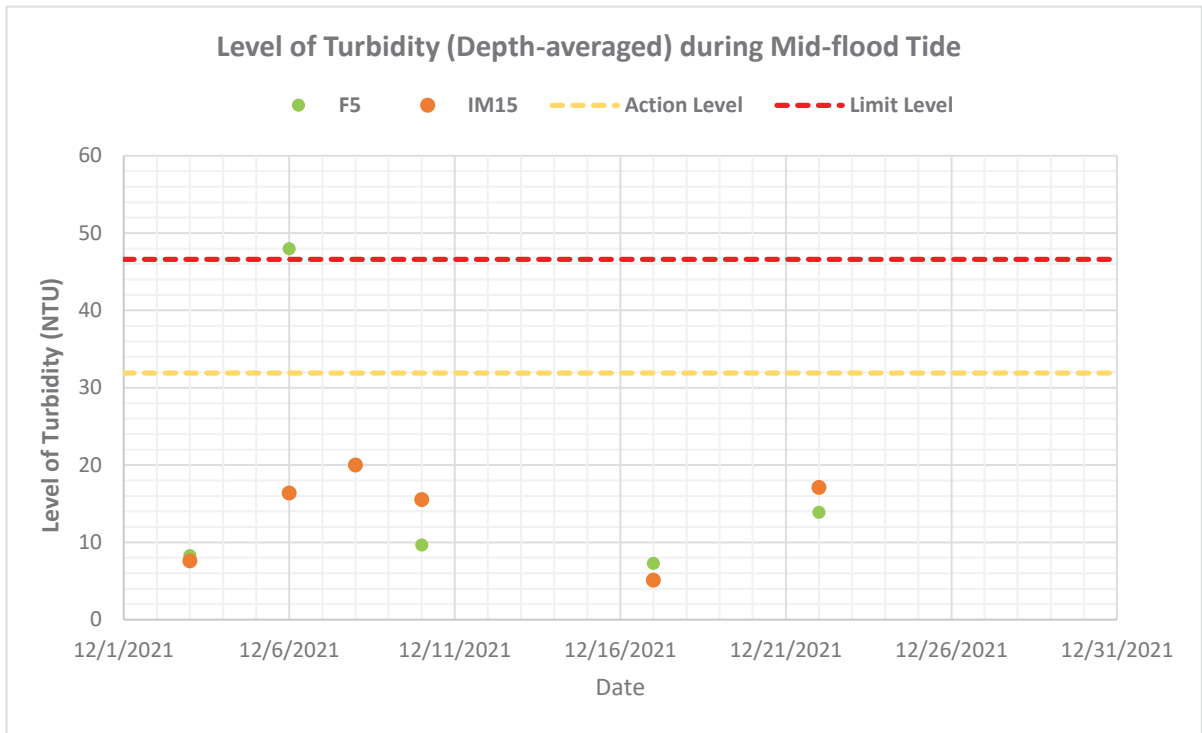


Figure G3i: Levels of Depth-averaged Turbidity (NTU) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides in December 2021.

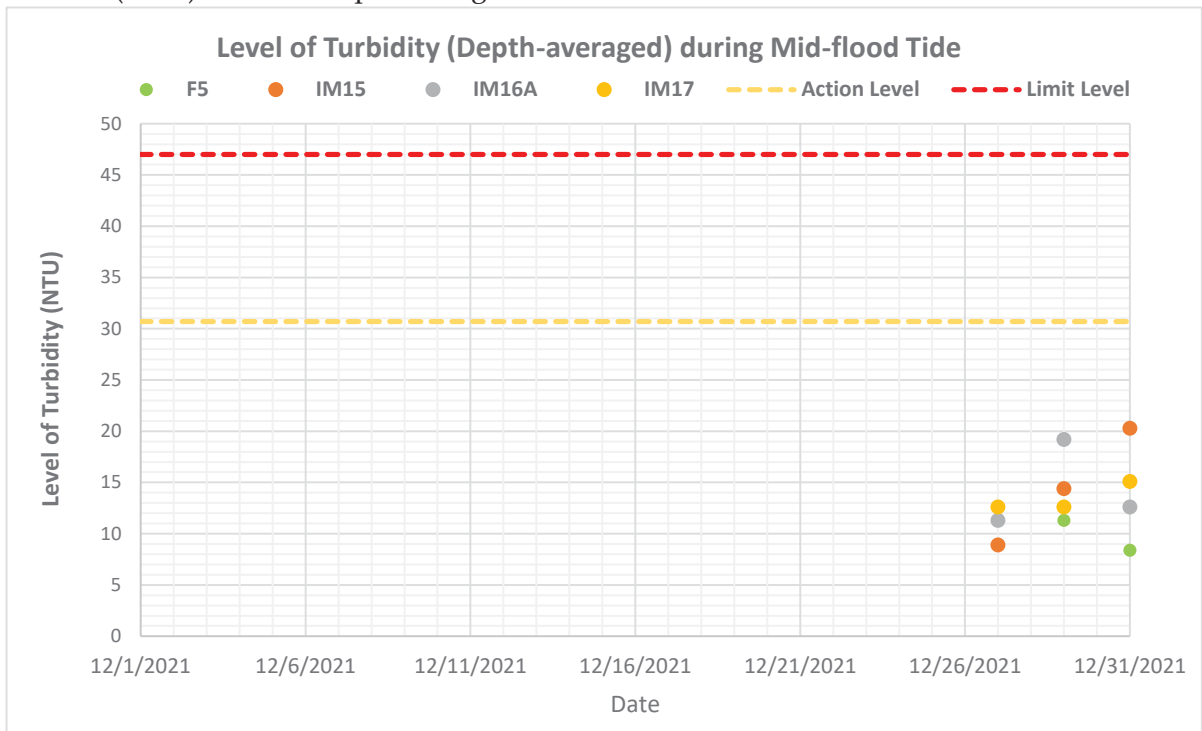


Figure G3j: Levels of Depth-averaged Turbidity (NTU) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in December 2021.

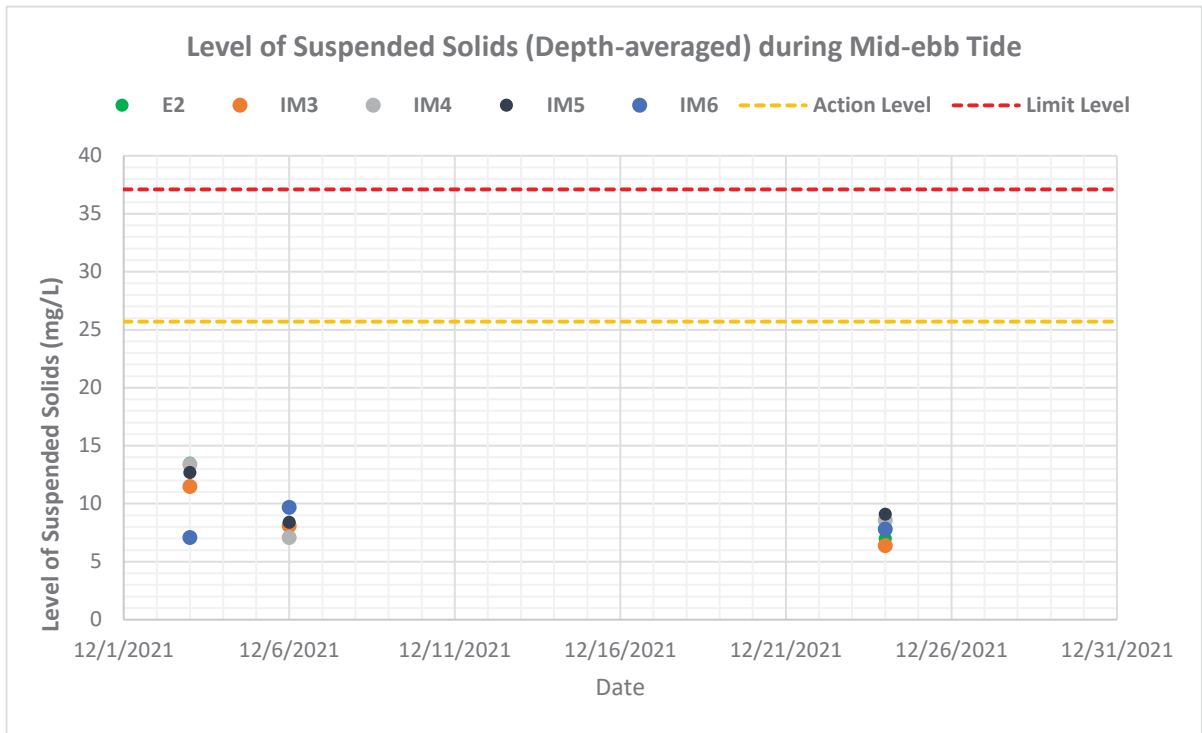


Figure G4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in December 2021.

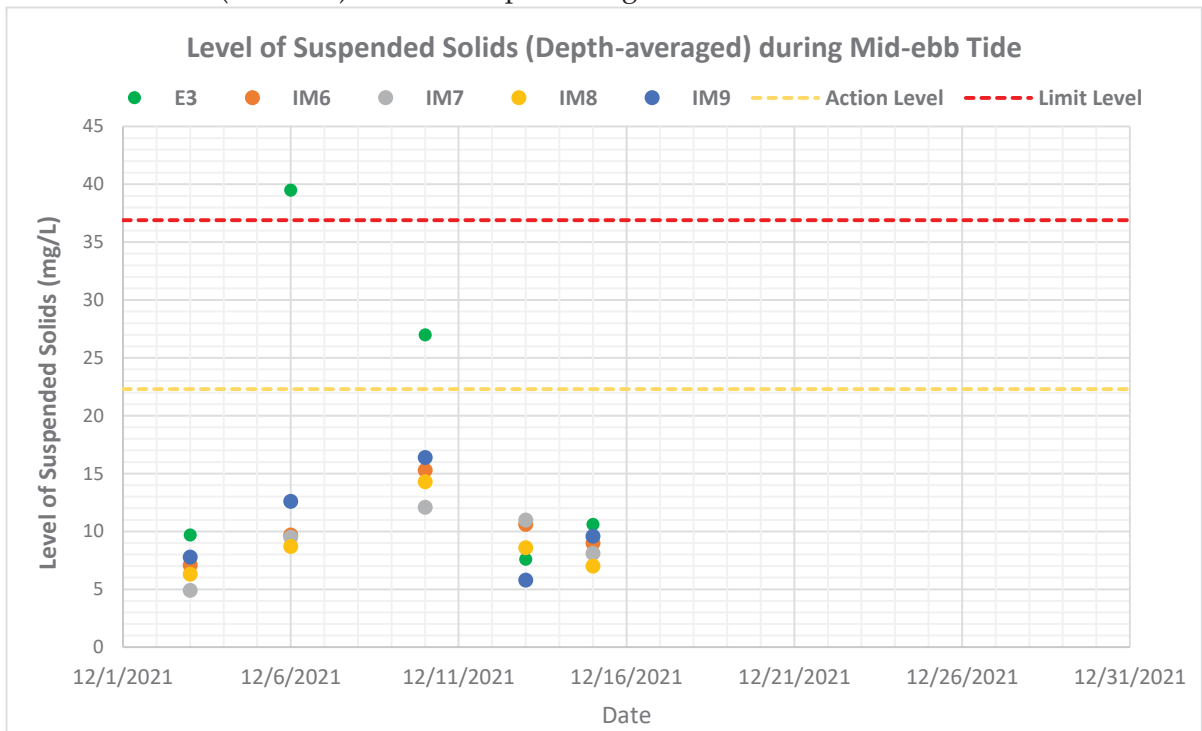


Figure G4b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in December 2021.

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

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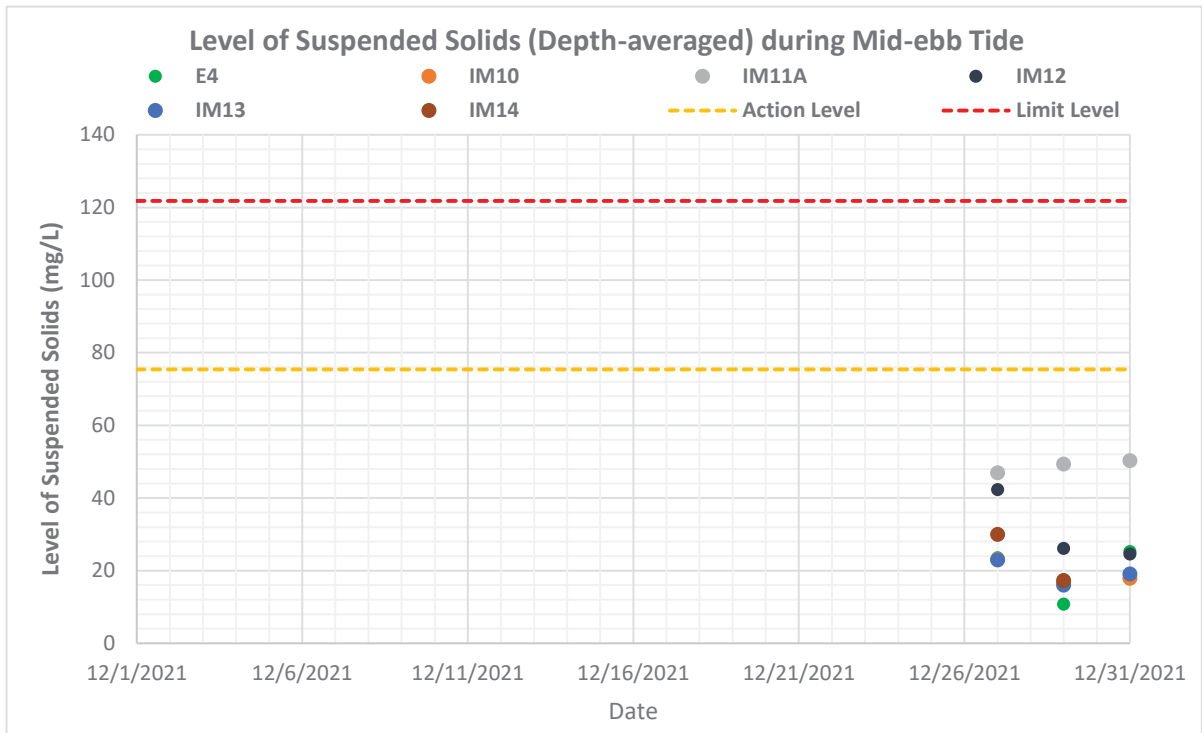


Figure G4c: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides in December 2021.

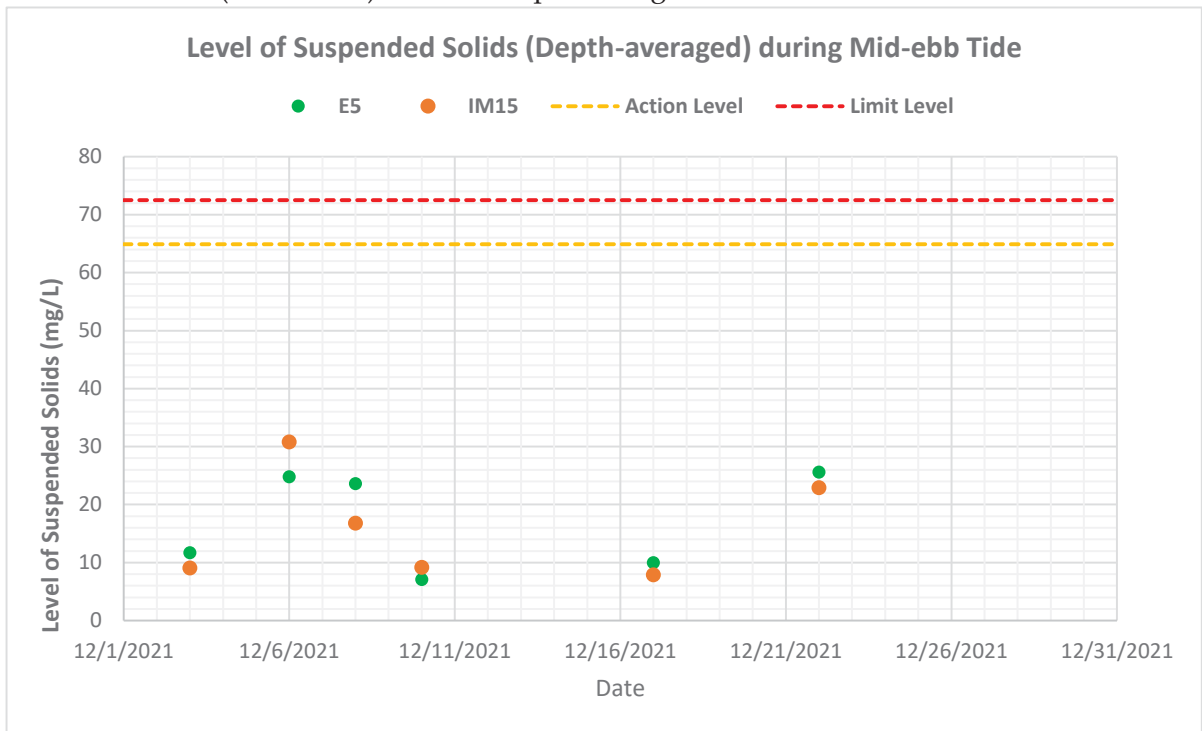


Figure G4d: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides in December 2021.

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

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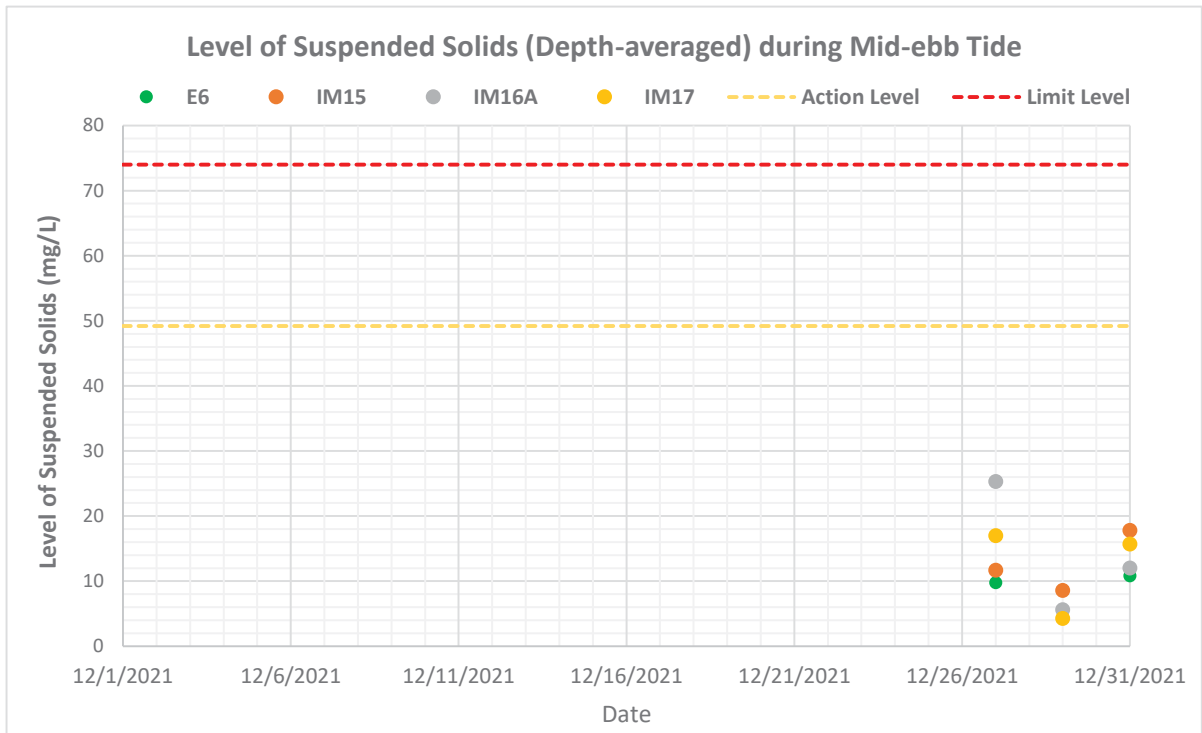


Figure G4e: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in December 2021.

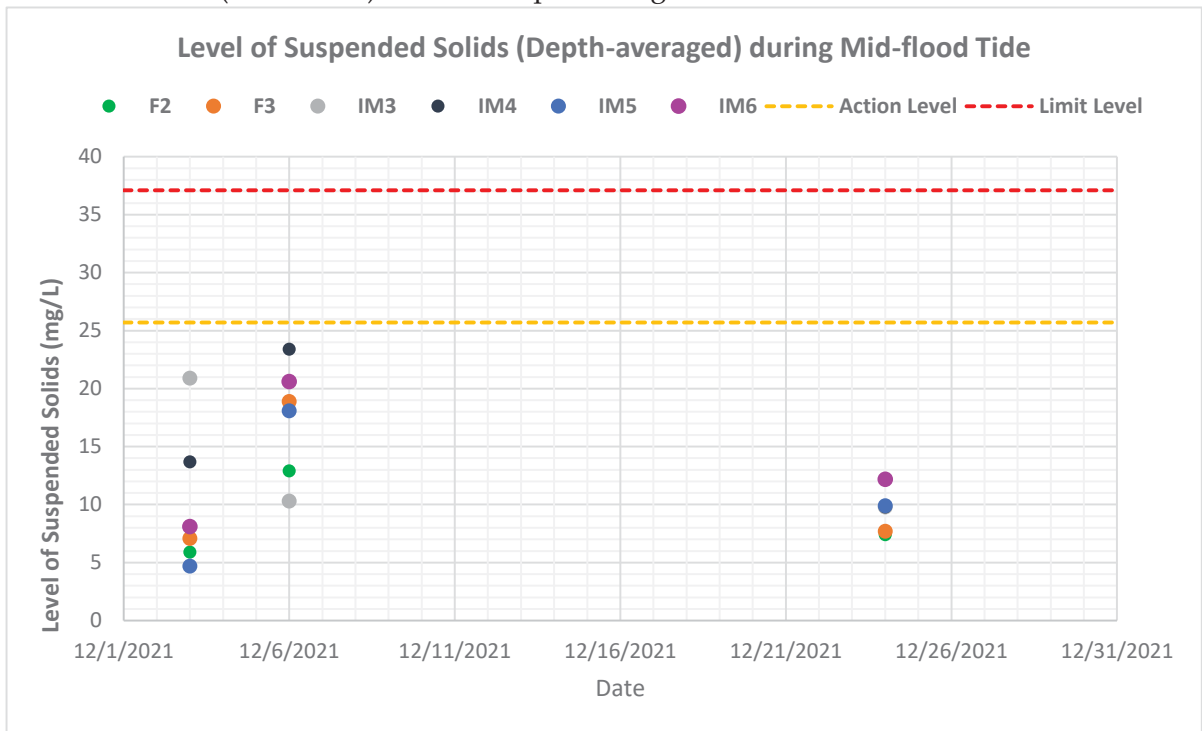


Figure G4f: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in December 2021.

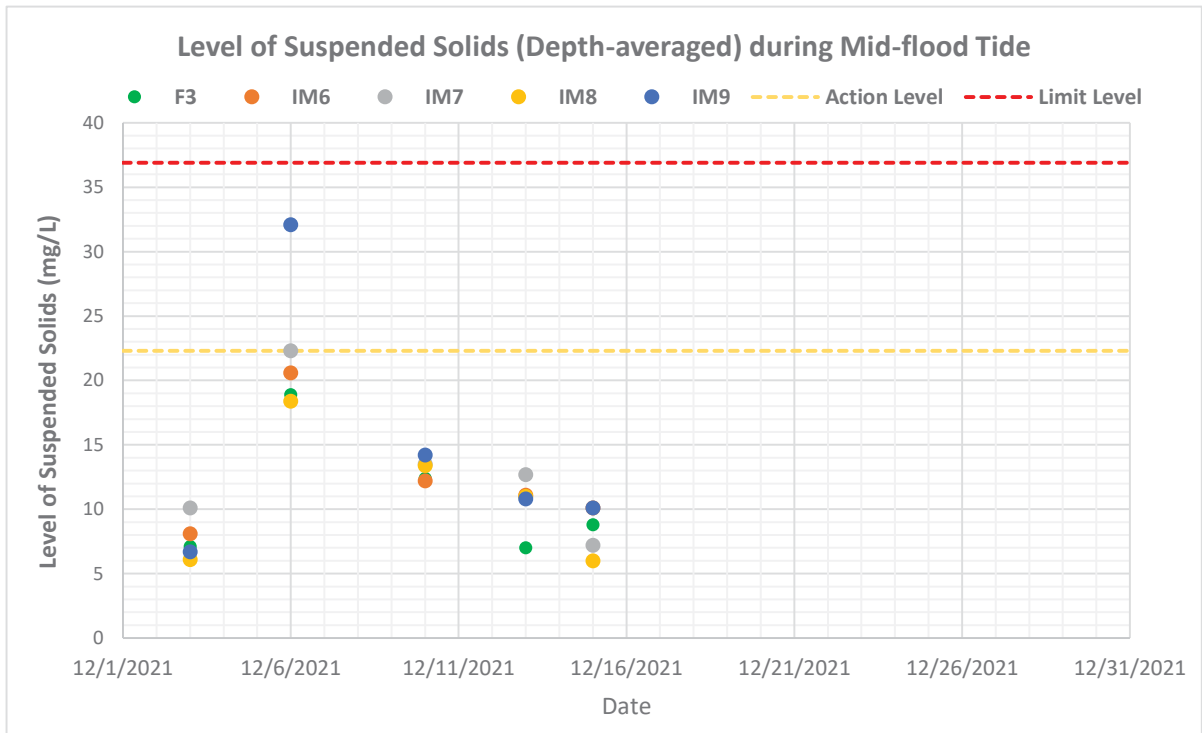


Figure G4g: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in December 2021.

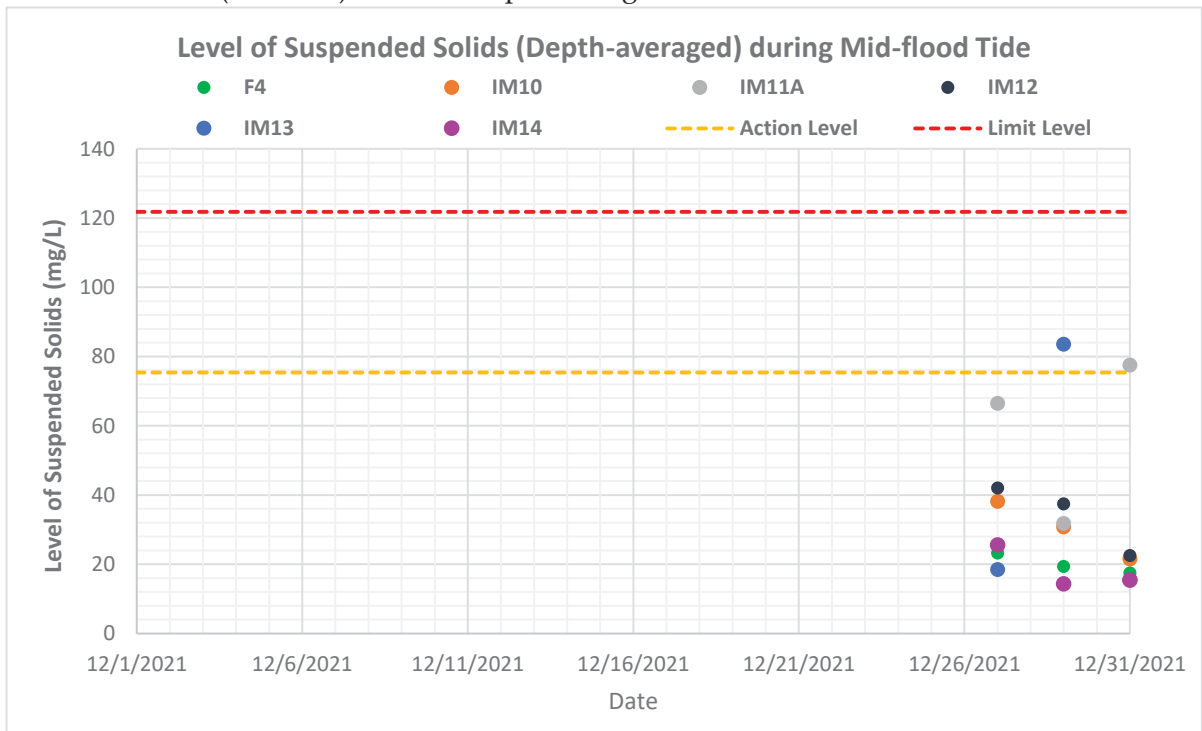


Figure G4h: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides in December 2021.

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

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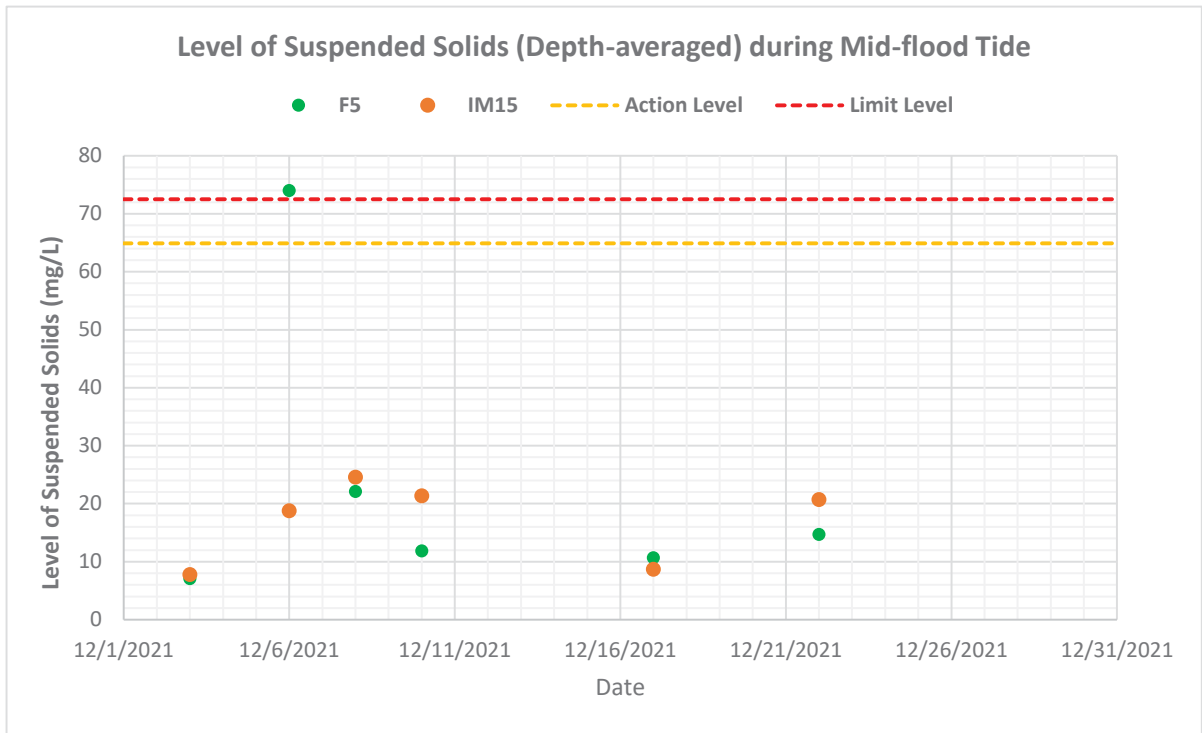


Figure G4i: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides in December 2021.

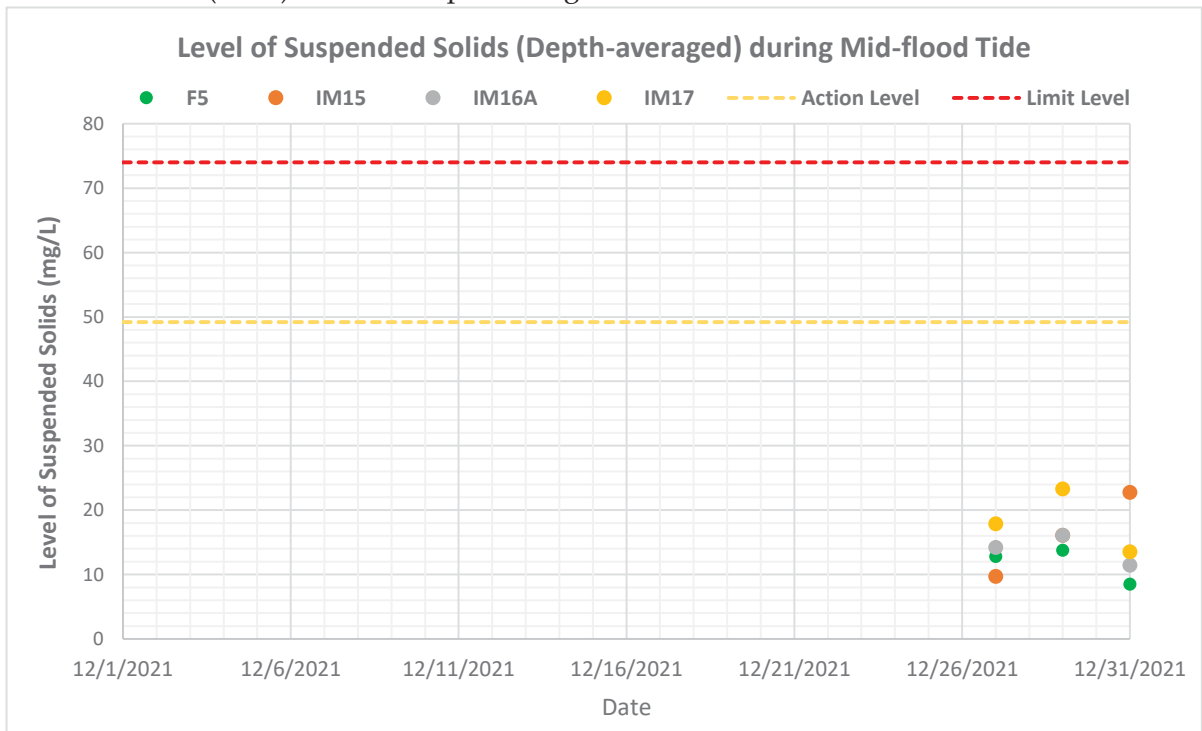


Figure G4j: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in December 2021.

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

Date: 11/1/22

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